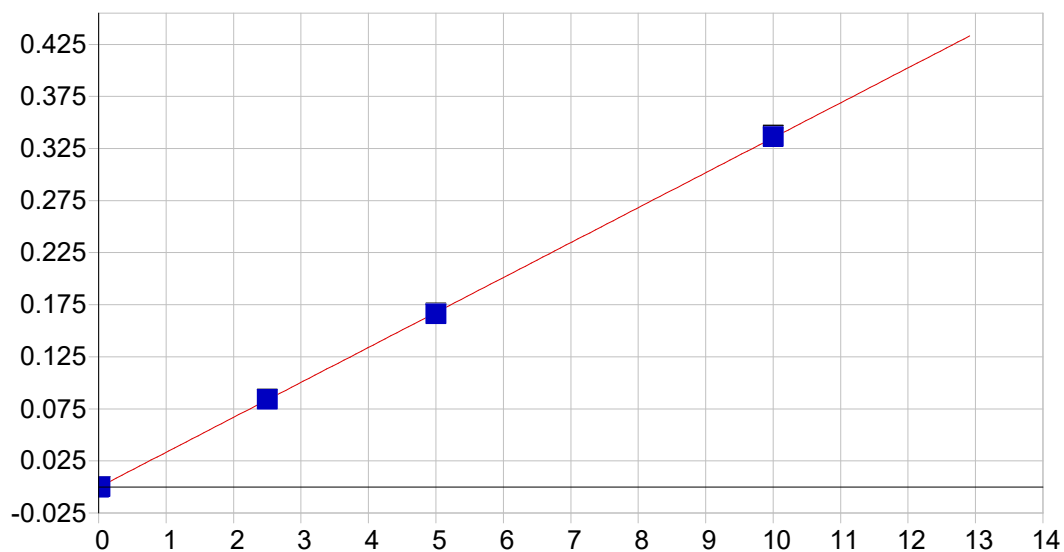


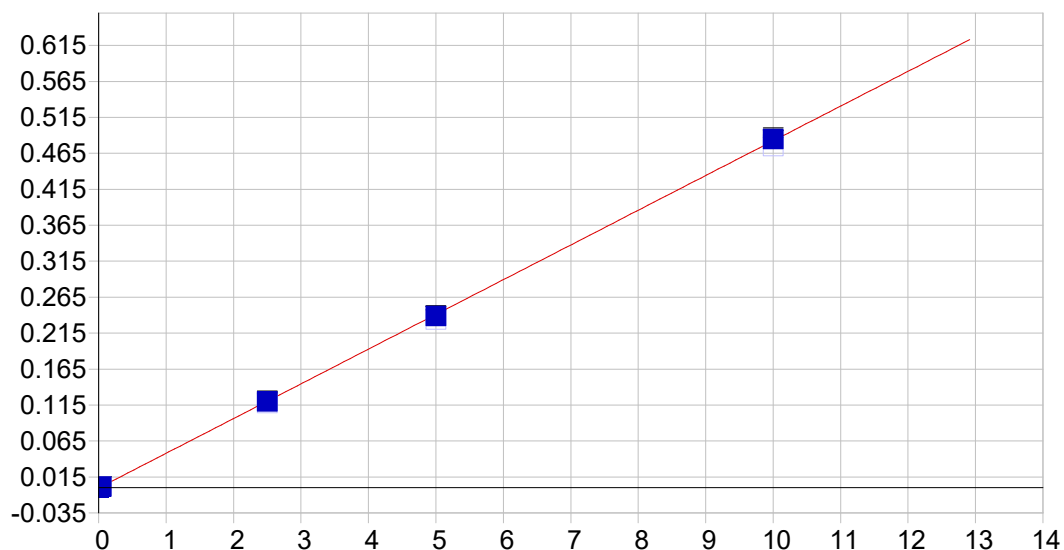


**As 189.042 {479}**

Date of Fit: 03/22/2019 18:30:07      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000299 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.033561  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999984  | Status:   | OK.      |
| Std Error of Est: | 0.000005  |           |          |
| Predicted MDL:    | 0.004207  |           |          |
| Predicted MQL:    | 0.014024  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00030 | .000    | 1        |
| S1        | .02000       | .01849      | -.002      | -7.56   | .00033  | .000    | 1        |
| S3        | 2.5000       | 2.5104      | .010       | .415    | .08406  | .000    | 1        |
| S4        | 5.0000       | 4.9611      | -.039      | -7.79   | .16642  | .001    | 1        |
| S5        | 10.000       | 10.030      | .030       | .301    | .33675  | .001    | 1        |

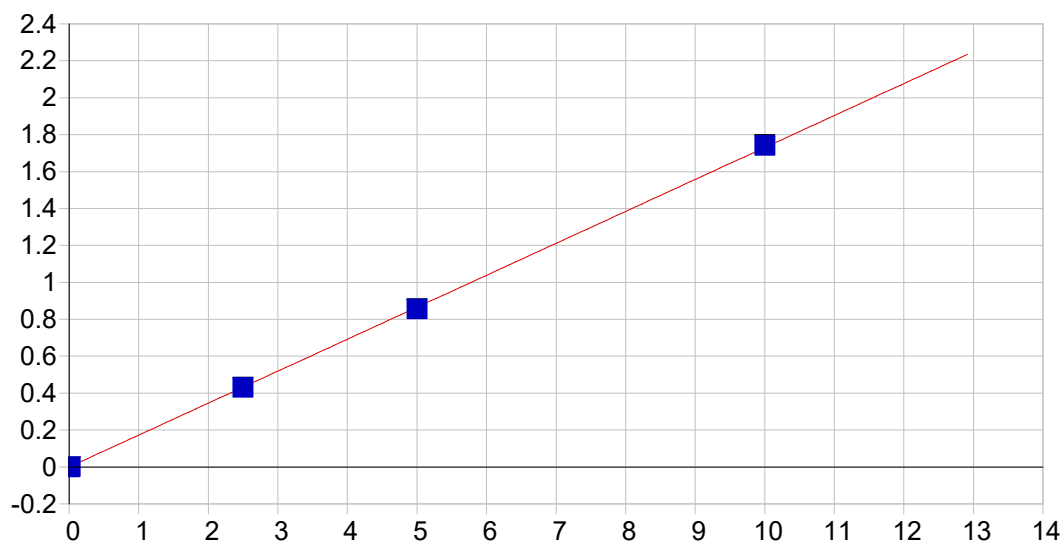


TI 190.856 {477}

Date of Fit: 03/22/2019 18:30:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000421 Re-Slope: 1.000000  
 A1 (Gain): 0.048281 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999979 Status: OK.  
 Std Error of Est: 0.000011  
 Predicted MDL: 0.002431  
 Predicted MQL: 0.008105

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00042 | .000    | 1        |
| S1        | .04000       | .04120      | .001       | 3.01    | .00149  | .000    | 1        |
| S3        | 2.5000       | 2.4948      | -.005      | -.207   | .11751  | .001    | 1        |
| S4        | 5.0000       | 4.9540      | -.046      | -.920   | .23372  | .000    | 1        |
| S5        | 10.000       | 10.050      | .050       | .500    | .47472  | .002    | 1        |

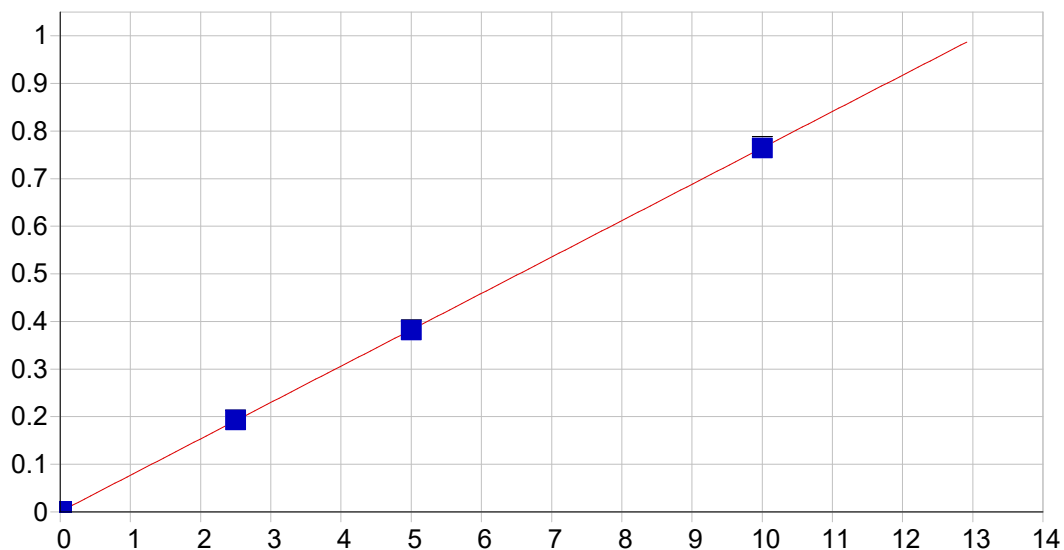


**Pb 220.353 {453}**

Date of Fit: 03/22/2019 18:30:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000169 Re-Slope: 1.000000  
A1 (Gain): 0.173072 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999972 Status: OK.  
Std Error of Est: 0.000024  
Predicted MDL: 0.001736  
Predicted MQL: 0.005786

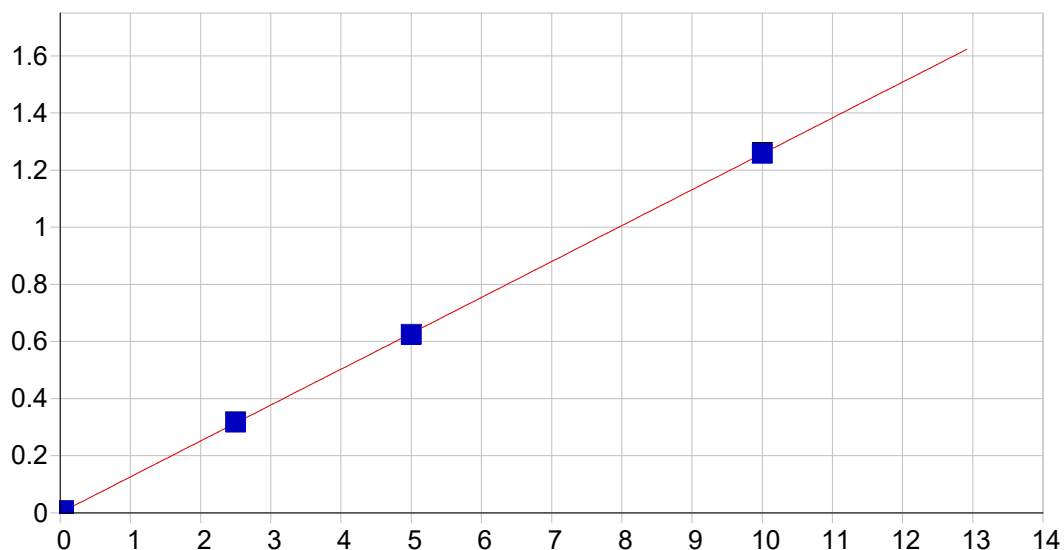
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00017 | .000    | 1        |
| S1        | .01200       | .01193      | -.000      | -.624   | .00185  | .000    | 1        |
| S3        | 2.5000       | 2.4877      | -.012      | -.491   | .42978  | .002    | 1        |
| S4        | 5.0000       | 4.9487      | -.051      | -1.03   | .85509  | .003    | 1        |
| S5        | 10.000       | 10.064      | .064       | .637    | 1.7391  | .005    | 1        |

**Se 196.090 {472}**

Date of Fit: 03/22/2019 18:30:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000595 Re-Slope: 1.000000  
A1 (Gain): 0.076397 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999995 Status: OK.  
Std Error of Est: 0.000006  
Predicted MDL: 0.002753  
Predicted MQL: 0.009176

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00059 | .000    | 1        |
| S1        | .02000       | .02111      | .001       | 5.54    | .00220 | .000    | 1        |
| S3        | 2.5000       | 2.5141      | .014       | .566    | .19262 | .000    | 1        |
| S4        | 5.0000       | 4.9917      | -.008      | -.166   | .38185 | .001    | 1        |
| S5        | 10.000       | 9.9930      | -.007      | -.070   | .76383 | .004    | 1        |

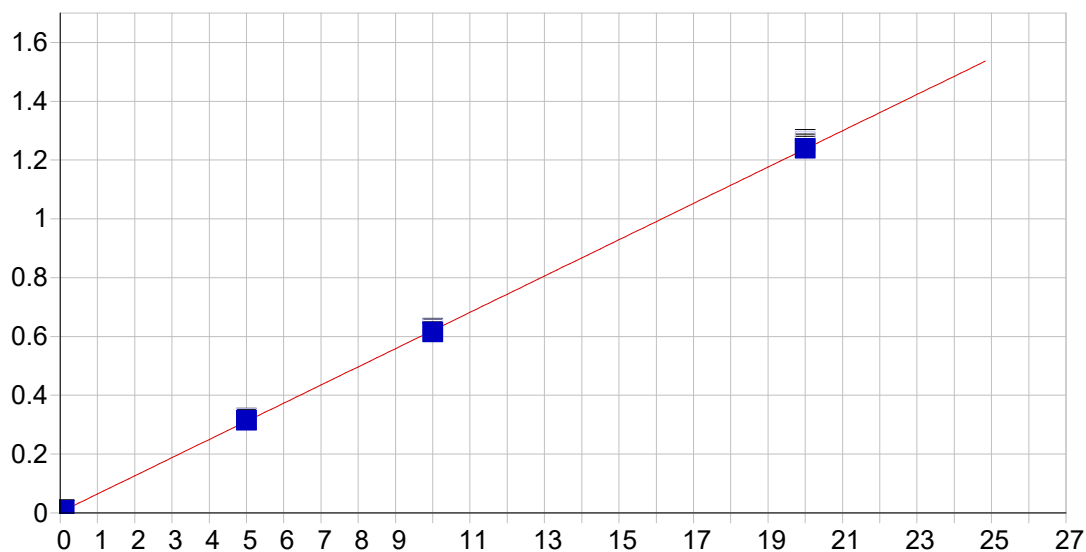


**Sb 206.833 {463}**

Date of Fit: 03/22/2019 18:30:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000466 Re-Slope: 1.000000  
 A1 (Gain): 0.125659 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999971 Status: OK.  
 Std Error of Est: 0.000037  
 Predicted MDL: 0.001860  
 Predicted MQL: 0.006200

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00047 | .000    | 1        |
| S1        | .05000       | .05554      | .006       | 11.1    | .00743 | .000    | 1        |
| S3        | 2.5000       | 2.5208      | .021       | .831    | .31719 | .001    | 1        |
| S4        | 5.0000       | 4.9662      | -.034      | -.676   | .62446 | .000    | 1        |
| S5        | 10.000       | 10.007      | .007       | .075    | 1.2579 | .004    | 1        |

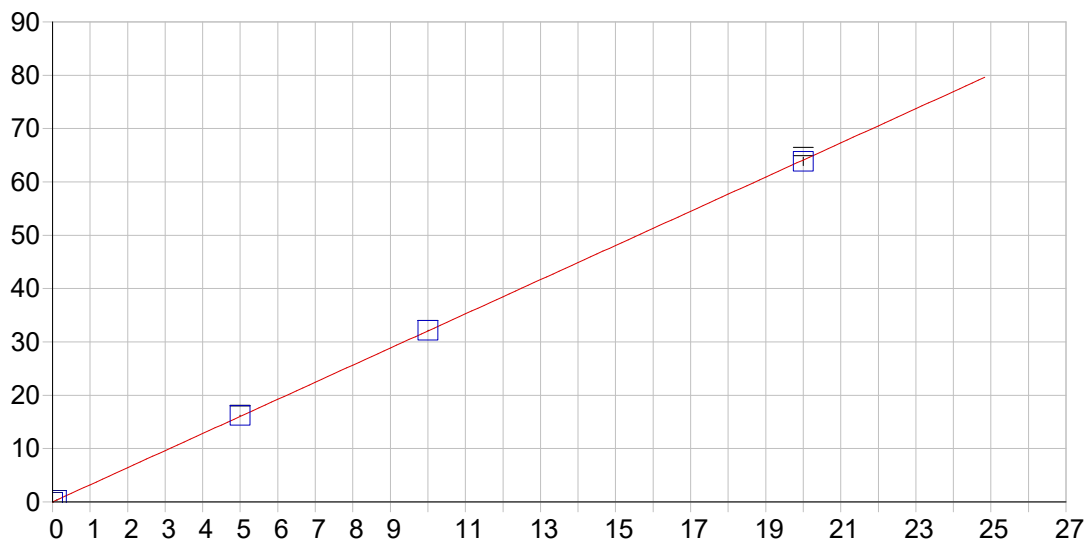


### AI 396.152 { 85}

Date of Fit: 03/22/2019 18:30:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002676 Re-Slope: 1.000000  
 A1 (Gain): 0.061760 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999973 Status: OK.  
 Std Error of Est: 0.000036  
 Predicted MDL: 0.014913  
 Predicted MQL: 0.049709

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00268 | .000    | 1        |
| S1        | .10000       | .10697      | .007       | 6.97    | .00974 | .001    | 1        |
| S3        | 5.0000       | 5.0575      | .057       | 1.15    | .32076 | .002    | 1        |
| S4        | 10.000       | 9.9099      | -.090      | -.901   | .62619 | .002    | 1        |
| S5        | 20.000       | 20.025      | .025       | .126    | 1.2624 | .007    | 1        |

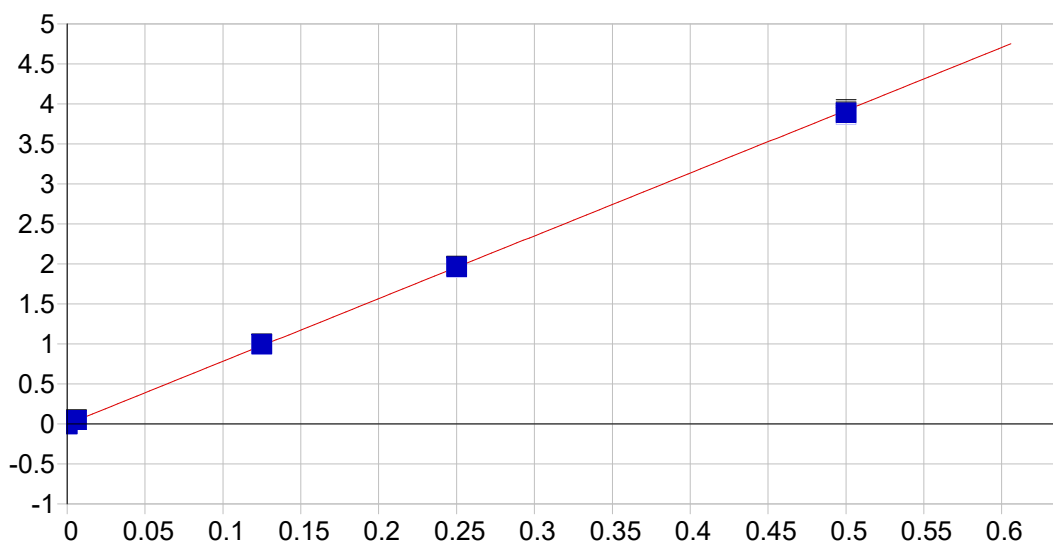


### Ba 493.409 { 68}

Date of Fit: 03/22/2019 18:30:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004298 Re-Slope: 1.000000  
 A1 (Gain): 3.205125 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999970 Status: OK.  
 Std Error of Est: 0.001885  
 Predicted MDL: 0.000897  
 Predicted MQL: 0.002990

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00426 | .001    | 1        |
| S1        | .10000       | .11028      | .010       | 10.3    | .35776 | .003    | 1        |
| S3        | 5.0000       | 5.0520      | .052       | 1.04    | 16.196 | .043    | 1        |
| S4        | 10.000       | 10.028      | .028       | .276    | 32.144 | .004    | 1        |
| S5        | 20.000       | 19.910      | -.090      | -.449   | 63.819 | .781    | 1        |

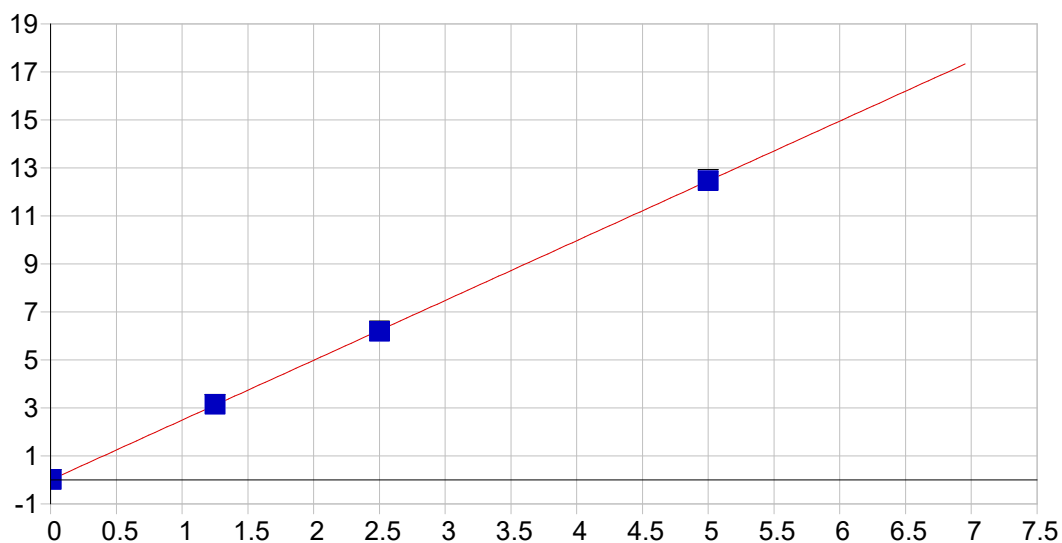


Be 234.861 {144}

Date of Fit: 03/22/2019 18:30:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002631 Re-Slope: 1.000000  
 A1 (Gain): 7.843879 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999922 Status: OK.  
 Std Error of Est: 0.000288  
 Predicted MDL: 0.000066  
 Predicted MQL: 0.000222

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00264 | .000    | 1        |
| S1        | .00600       | .00662      | .001       | 10.3    | .04874  | .001    | 1        |
| S3        | .12500       | .12724      | .002       | 1.79    | .98883  | .005    | 1        |
| S4        | .25000       | .25091      | .001       | .364    | 1.9523  | .006    | 1        |
| S5        | .50000       | .49624      | -.004      | -.752   | 3.8634  | .037    | 1        |

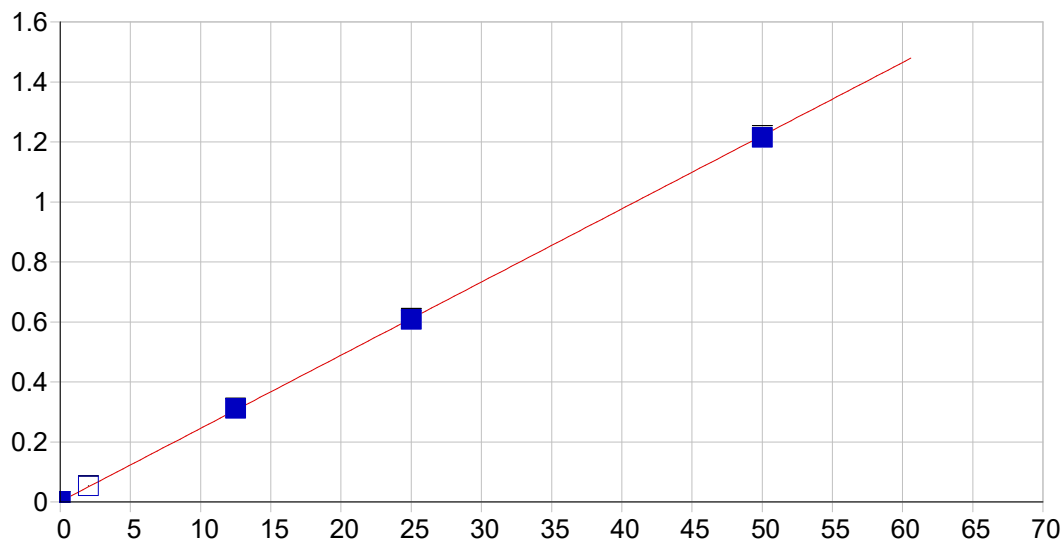


**Cd 214.438 {457}**

Date of Fit: 03/22/2019 18:30:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000238 Re-Slope: 1.000000  
 A1 (Gain): 2.492046 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999986 Status: OK.  
 Std Error of Est: 0.000125  
 Predicted MDL: 0.000084  
 Predicted MQL: 0.000280

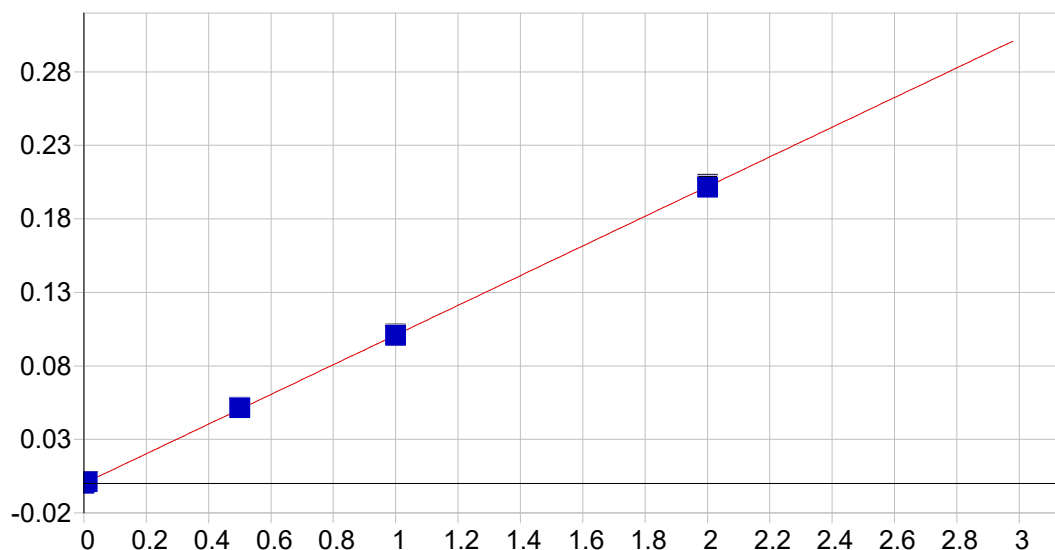
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00024 | .000    | 1        |
| S1        | .00600       | .00647      | .000       | 7.80    | .01589  | .000    | 1        |
| S3        | 1.2500       | 1.2613      | .011       | .904    | 3.1432  | .008    | 1        |
| S4        | 2.5000       | 2.4836      | -.016      | -.657   | 6.1893  | .008    | 1        |
| S5        | 5.0000       | 5.0047      | .005       | .093    | 12.472  | .042    | 1        |

**Ca 373.690 { 90}**

Date of Fit: 03/22/2019 18:30:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001259 Re-Slope: 1.000000  
 A1 (Gain): 0.024387 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999903 Status: OK.  
 Std Error of Est: 0.000186  
 Predicted MDL: 0.026682  
 Predicted MQL: 0.088938

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00017     | -.000      | .000    | .00126 | .000    | 1        |
| S2        | 2.0000       | 2.1569      | .157       | 7.84    | .05386 | .000    | 1        |
| S3        | 12.500       | 12.704      | .204       | 1.63    | .31096 | .002    | 1        |
| S4        | 25.000       | 24.888      | -.112      | -.449   | .60795 | .004    | 1        |
| S5        | 50.000       | 49.751      | -.249      | -.498   | 1.2141 | .007    | 1        |

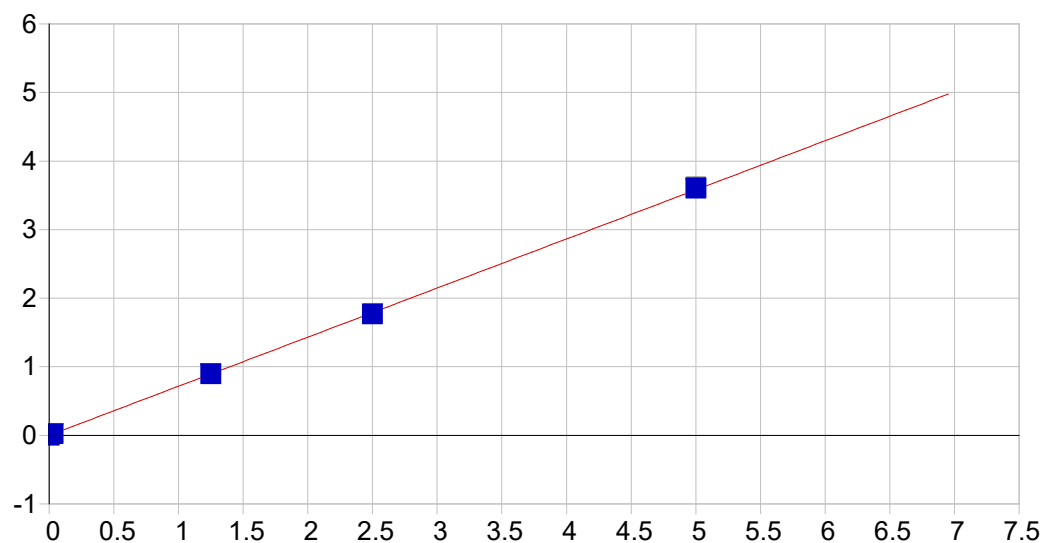


Cr 267.716 {126}

Date of Fit: 03/22/2019 18:30:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000015 Re-Slope: 1.000000  
 A1 (Gain): 0.100975 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999972 Status: OK.  
 Std Error of Est: 0.000006  
 Predicted MDL: 0.000657  
 Predicted MQL: 0.002190

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00002 | .000    | 1        |
| S1        | .01000       | .01044      | .000       | 4.42    | .00108 | .000    | 1        |
| S3        | .50000       | .50874      | .009       | 1.75    | .05174 | .000    | 1        |
| S4        | 1.0000       | .99647      | -.004      | -.353   | .10134 | .000    | 1        |
| S5        | 2.0000       | 1.9943      | -.006      | -.283   | .20282 | .001    | 1        |

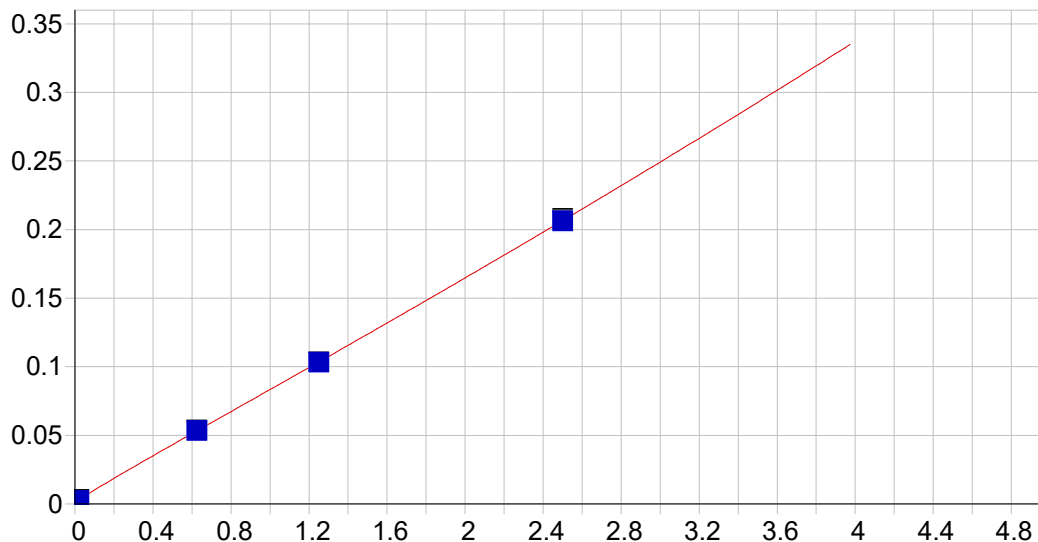


**Co 228.616 {448}**

Date of Fit: 03/22/2019 18:30:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000165 Re-Slope: 1.000000  
 A1 (Gain): 0.715923 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999969 Status: OK.  
 Std Error of Est: 0.000119  
 Predicted MDL: 0.000283  
 Predicted MQL: 0.000944

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00016 | .000    | 1        |
| S1        | .03000       | .03095      | .001       | 3.17    | .02225 | .000    | 1        |
| S3        | 1.2500       | 1.2492      | -.001      | -.062   | .89638 | .003    | 1        |
| S4        | 2.5000       | 2.4705      | -.029      | -1.18   | 1.7726 | .003    | 1        |
| S5        | 5.0000       | 5.0293      | .029       | .586    | 3.6082 | .012    | 1        |

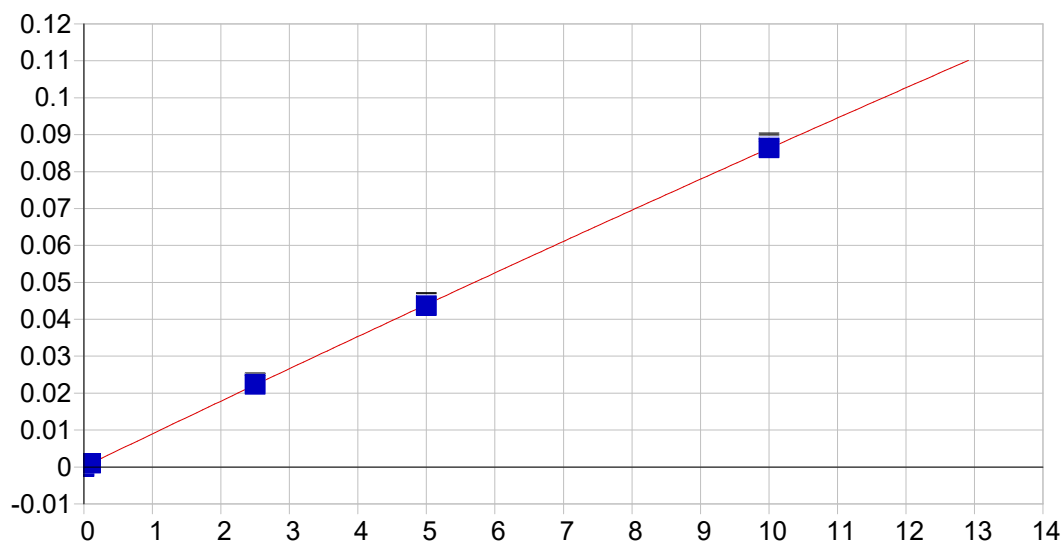


**Cu 324.754 {104}**

Date of Fit: 03/22/2019 18:30:07 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000826 Re-Slope: 1.000000  
 A1 (Gain): 0.078674 Y-int: 0.000000  
 A2 (Curvature): 0.003866  
 n (Exponent): 0.930000  
 Correlation: 0.999999 Status: Warning Positive Curvature  
 Std Error of Est: 0.000003  
 Predicted MDL: 0.005212  
 Predicted MQL: 0.017374

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00083 | .000    | 1        |
| S1        | .02000       | .01971      | -.000      | -1.45   | .00287 | .000    | 1        |
| S3        | .62500       | .62640      | .001       | .225    | .05311 | .000    | 1        |
| S4        | 1.2500       | 1.2487      | -.001      | -.102   | .10288 | .000    | 1        |
| S5        | 2.5000       | 2.5003      | .000       | .011    | .20554 | .002    | 1        |

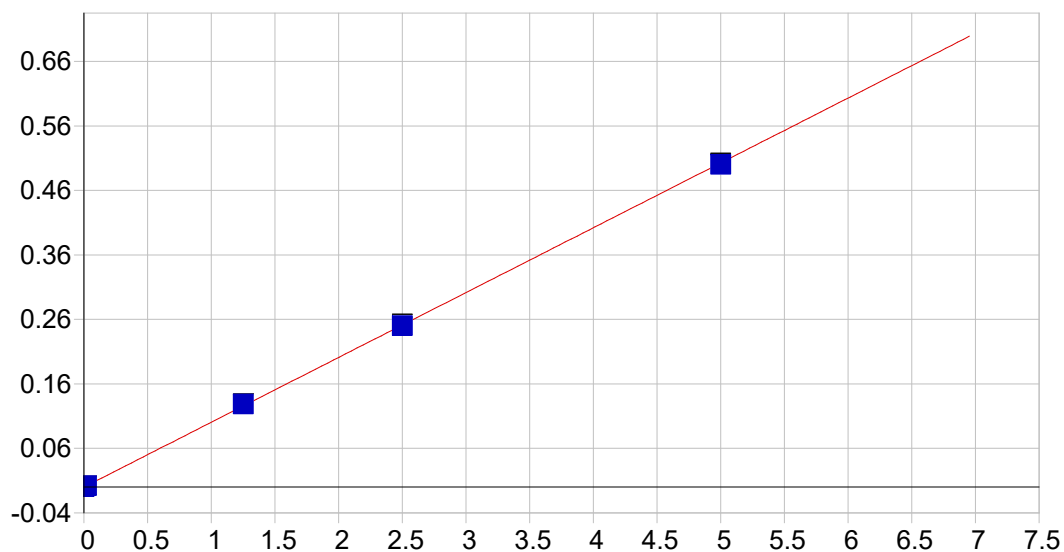


**Fe 259.837 {130}**

Date of Fit: 03/22/2019 18:30:07 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000060 Re-Slope: 1.000000  
 A1 (Gain): 0.008951 Y-int: 0.000000  
 A2 (Curvature): -0.000033  
 n (Exponent): 1.000000  
 Correlation: 0.999965 Status: OK.  
 Std Error of Est: 0.000005  
 Predicted MDL: 0.024230  
 Predicted MQL: 0.080766

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00006 | .000    | 1        |
| S1        | .10000       | .10867      | .009       | 8.67    | .00103 | .000    | 1        |
| S3        | 2.5000       | 2.5148      | .015       | .591    | .02247 | .000    | 1        |
| S4        | 5.0000       | 4.9596      | -.040      | -.807   | .04386 | .001    | 1        |
| S5        | 10.000       | 10.017      | .017       | .170    | .08684 | .001    | 1        |

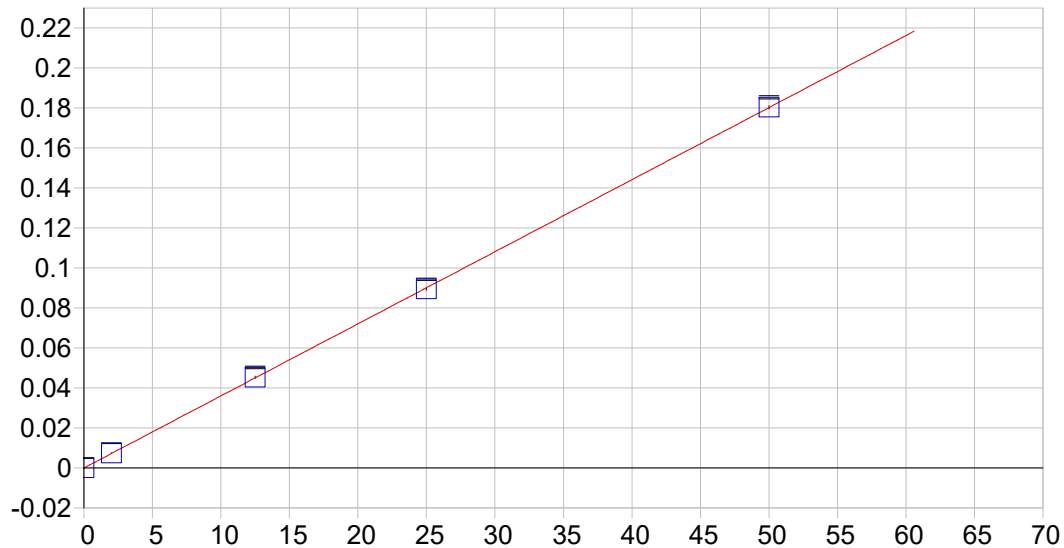


**Mn 257.610 {131}**

Date of Fit: 03/22/2019 18:30:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000000 Re-Slope: 1.000000  
 A1 (Gain): 0.100535 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999932 Status: OK.  
 Std Error of Est: 0.000020  
 Predicted MDL: 0.001840  
 Predicted MQL: 0.006132

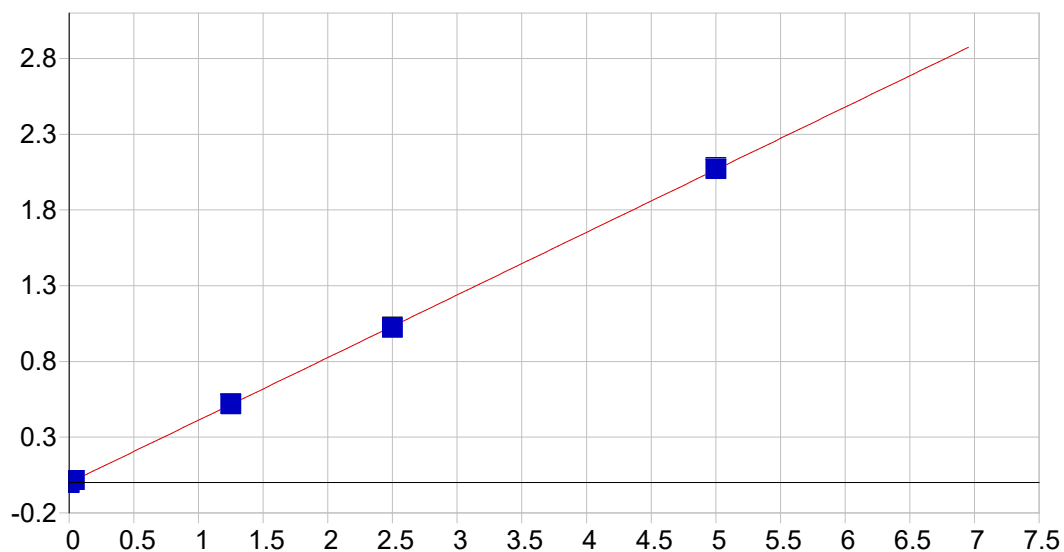
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00000 | .000    | 1        |
| S1        | .02000       | .02208      | .002       | 10.4    | .00222  | .000    | 1        |
| S3        | 1.2500       | 1.2821      | .032       | 2.57    | .12892  | .001    | 1        |
| S4        | 2.5000       | 2.4899      | -.010      | -.406   | .25036  | .002    | 1        |
| S5        | 5.0000       | 4.9760      | -.024      | -.480   | .50035  | .002    | 1        |

**Mg 279.079 {121}**

Date of Fit: 03/22/2019 18:30:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000023 Re-Slope: 1.000000  
 A1 (Gain): 0.003605 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999982 Status: OK.  
 Std Error of Est: 0.000012  
 Predicted MDL: 0.070672  
 Predicted MQL: 0.235573

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00005     | -.000      | .000    | -.00002 | .000    | 1        |
| S2        | 2.0000       | 2.0470      | .047       | 2.35    | .00736  | .000    | 1        |
| S3        | 12.500       | 12.589      | .089       | .716    | .04536  | .001    | 1        |
| S4        | 25.000       | 24.807      | -.193      | -.770   | .08940  | .001    | 1        |
| S5        | 50.000       | 50.056      | .056       | .112    | .18042  | .001    | 1        |

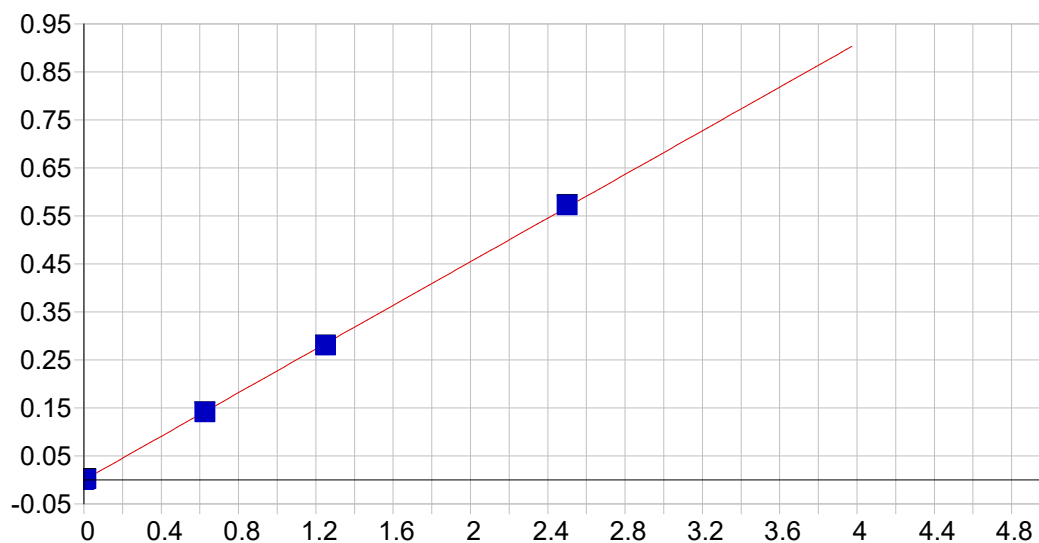


Ni 231.604 {446}

Date of Fit: 03/22/2019 18:30:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001164 Re-Slope: 1.000000  
 A1 (Gain): 0.413379 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999974 Status: OK.  
 Std Error of Est: 0.000073  
 Predicted MDL: 0.000496  
 Predicted MQL: 0.001655

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00117 | .000    | 1        |
| S1        | .04000       | .04292      | .003       | 7.31    | .01659  | .000    | 1        |
| S3        | 1.2500       | 1.2561      | .006       | .484    | .51856  | .002    | 1        |
| S4        | 2.5000       | 2.4784      | -.022      | -.866   | 1.0243  | .003    | 1        |
| S5        | 5.0000       | 5.0127      | .013       | .253    | 2.0729  | .006    | 1        |

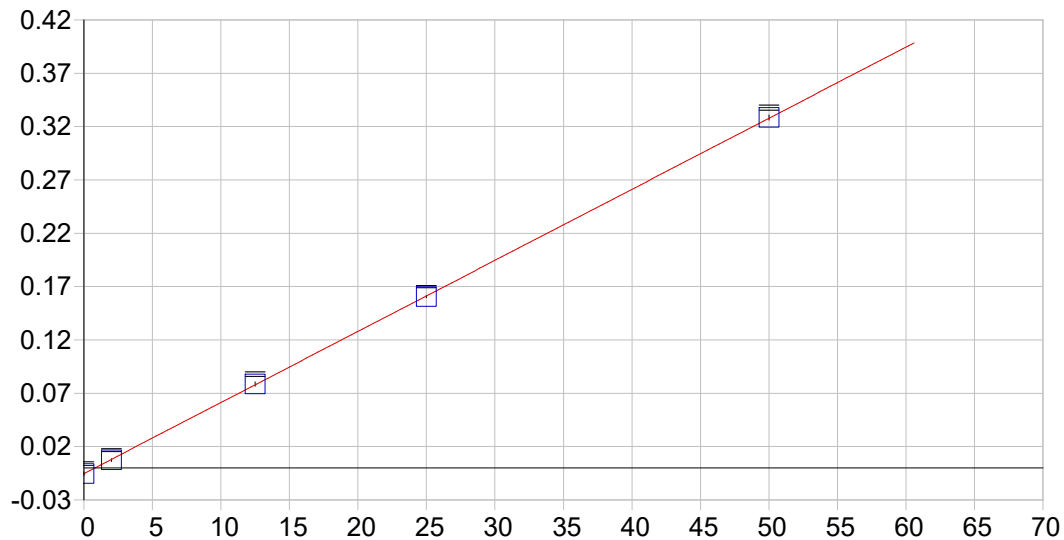


**Ag 328.068 {103}**

Date of Fit: 03/22/2019 18:30:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000103 Re-Slope: 1.000000  
A1 (Gain): 0.227334 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999956 Status: OK.  
Std Error of Est: 0.000018  
Predicted MDL: 0.000510  
Predicted MQL: 0.001700

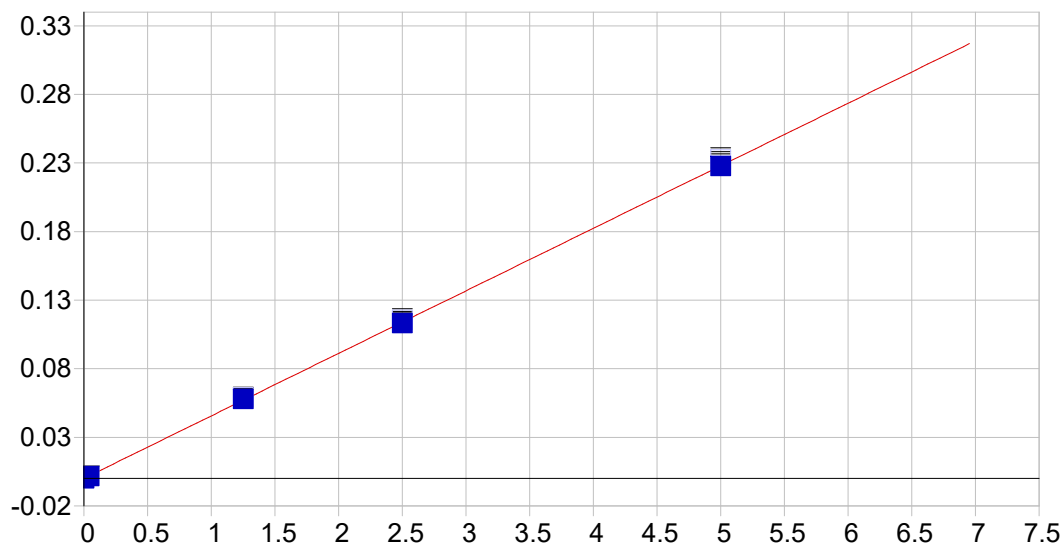
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00010 | .000    | 1        |
| S1        | .01000       | .01060      | .001       | 6.01    | .00230  | .000    | 1        |
| S3        | .62500       | .62235      | -.003      | -.425   | .14125  | .001    | 1        |
| S4        | 1.2500       | 1.2340      | -.016      | -1.28   | .28018  | .000    | 1        |
| S5        | 2.5000       | 2.5181      | .018       | .723    | .57184  | .002    | 1        |

**Na 818.326 {41}**

Date of Fit: 03/22/2019 18:30:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005337 Re-Slope: 1.000000  
A1 (Gain): 0.006663 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999974 Status: OK.  
Std Error of Est: 0.000026  
Predicted MDL: 0.311555  
Predicted MQL: 1.038516

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00007      | .000       | .000    | -.00534 | .002    | 1        |
| S2        | 2.0000       | 1.9156      | -.084      | -4.22   | .00743  | .001    | 1        |
| S3        | 12.500       | 12.586      | .086       | .689    | .07853  | .002    | 1        |
| S4        | 25.000       | 24.909      | -.091      | -.366   | .16064  | .001    | 1        |
| S5        | 50.000       | 50.090      | .090       | .180    | .32843  | .002    | 1        |

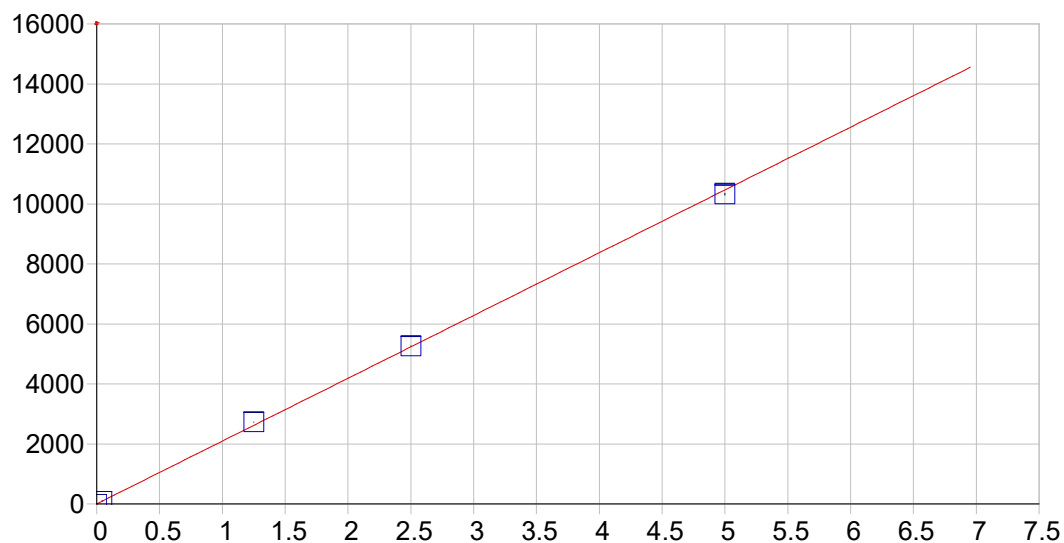


V 292.402 {115}

Date of Fit: 03/22/2019 18:30:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000036 Re-Slope: 1.000000  
 A1 (Gain): 0.045589 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999974 Status: OK.  
 Std Error of Est: 0.000008  
 Predicted MDL: 0.006864  
 Predicted MQL: 0.022880

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00004 | .000    | 1        |
| S1        | .04000       | .03886      | -.001      | -2.84   | .00190 | .000    | 1        |
| S3        | 1.2500       | 1.2702      | .020       | 1.62    | .05908 | .000    | 1        |
| S4        | 2.5000       | 2.4835      | -.016      | -.658   | .11553 | .001    | 1        |
| S5        | 5.0000       | 4.9974      | -.003      | -.052   | .23240 | .001    | 1        |

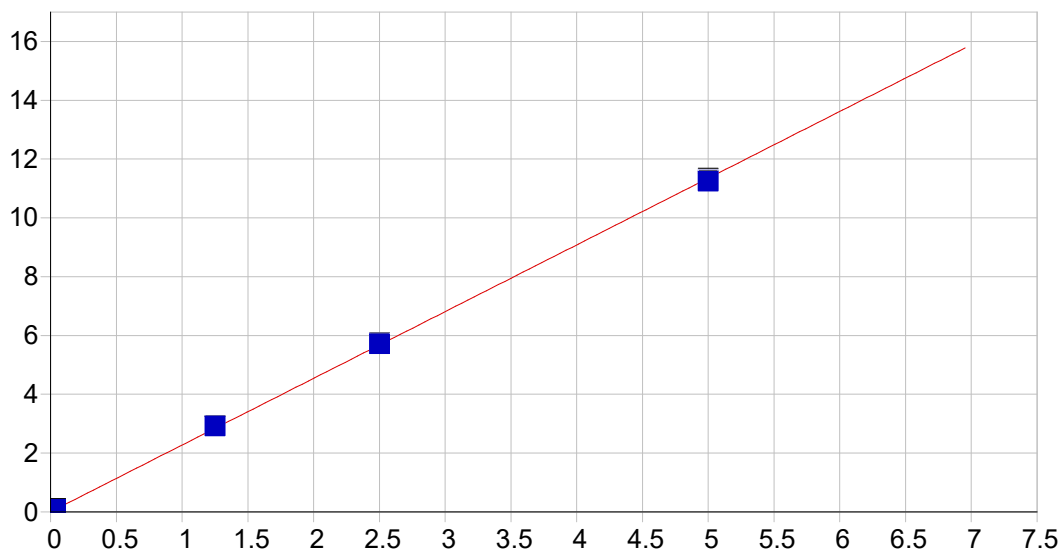


**Zn 206.200 {464}**

Date of Fit: 03/22/2019 18:30:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 2.090828 Re-Slope: 1.000000  
 A1 (Gain): 2092.959821 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999777 Status: OK.  
 Std Error of Est: 1.069744  
 Predicted MDL: 0.000279  
 Predicted MQL: 0.000929

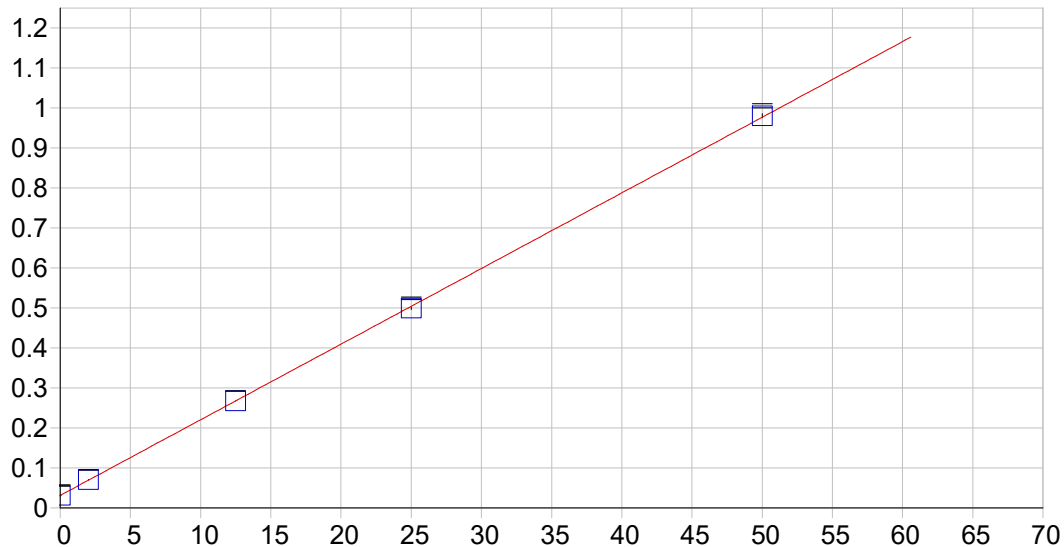
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | 2.0775 | .122    | 1        |
| S1        | .04000       | .04504      | .005       | 12.6    | 96.357 | .537    | 1        |
| S3        | 1.2500       | 1.3034      | .053       | 4.27    | 2730.0 | 5.06    | 1        |
| S4        | 2.5000       | 2.5108      | .011       | .434    | 5257.2 | 9.68    | 1        |
| S5        | 5.0000       | 4.9307      | -.069      | -1.39   | 10322. | 33.8    | 1        |

**Zn 213.856 {158}**

Date of Fit: 03/22/2019 18:30:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004166 Re-Slope: 1.000000  
 A1 (Gain): 2.269322 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999908 Status: OK.  
 Std Error of Est: 0.000749  
 Predicted MDL: 0.000345  
 Predicted MQL: 0.001151

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00416 | .000    | 1        |
| S1        | .04000       | .04325      | .003       | 8.13    | .10284 | .001    | 1        |
| S3        | 1.2500       | 1.2813      | .031       | 2.51    | 2.9279 | .010    | 1        |
| S4        | 2.5000       | 2.5151      | .015       | .603    | 5.7437 | .011    | 1        |
| S5        | 5.0000       | 4.9503      | -.050      | -.993   | 11.302 | .053    | 1        |

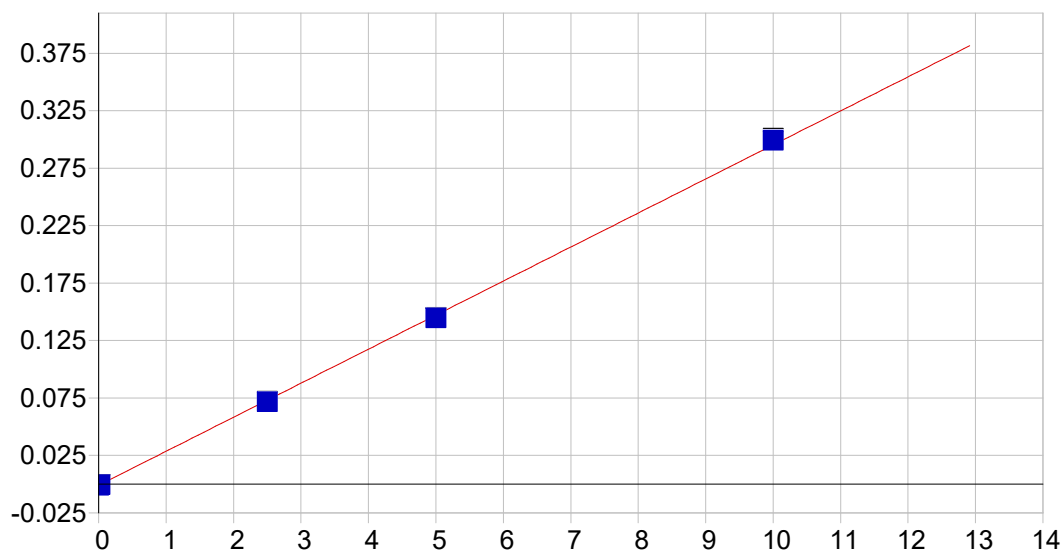


K 769.896 { 44}

Date of Fit: 03/22/2019 18:30:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.031316 Re-Slope: 1.000000  
 A1 (Gain): 0.018912 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999968 Status: OK.  
 Std Error of Est: 0.000083  
 Predicted MDL: 0.085700  
 Predicted MQL: 0.285665

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00005     | -.000      | .000    | .03131 | .002    | 1        |
| S2        | 2.0000       | 2.0692      | .069       | 3.46    | .07045 | .001    | 1        |
| S3        | 12.500       | 12.490      | -.010      | -.083   | .26752 | .000    | 1        |
| S4        | 25.000       | 24.744      | -.256      | -1.03   | .49927 | .003    | 1        |
| S5        | 50.000       | 50.197      | .197       | .395    | .98066 | .005    | 1        |

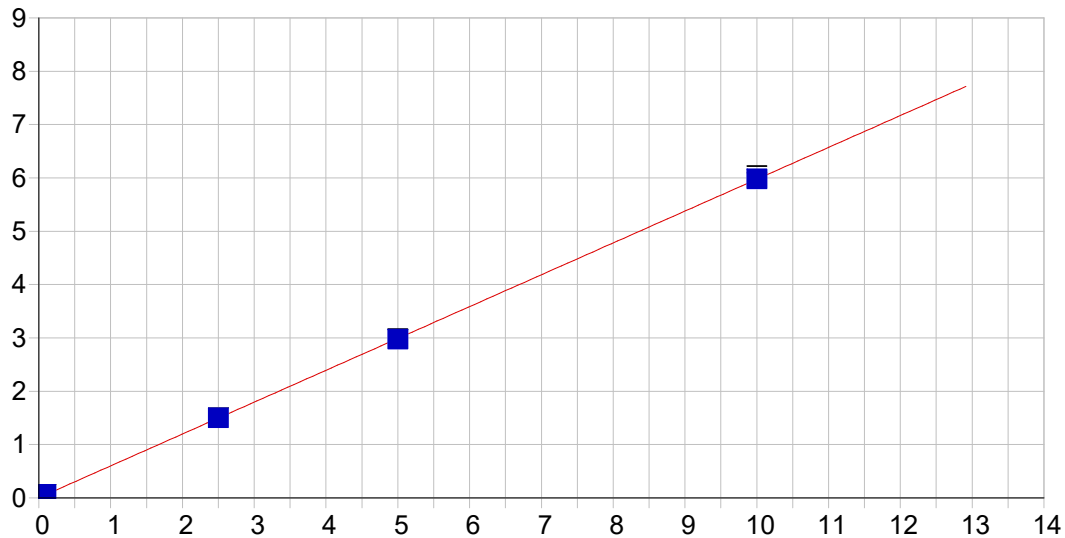


**P 177.495 {490}**

Date of Fit: 03/22/2019 18:30:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000996 Re-Slope: 1.000000  
 A1 (Gain): 0.029625 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999879 Status: OK.  
 Std Error of Est: 0.000011  
 Predicted MDL: 0.003176  
 Predicted MQL: 0.010586

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00100 | .000    | 1        |
| S1        | .02000       | .01877      | -.001      | -6.16   | -.00043 | .000    | 1        |
| S3        | 2.5000       | 2.4519      | -.048      | -1.93   | .07181  | .000    | 1        |
| S4        | 5.0000       | 4.9151      | -.085      | -1.70   | .14495  | .000    | 1        |
| S5        | 10.000       | 10.134      | .134       | 1.34    | .29991  | .001    | 1        |

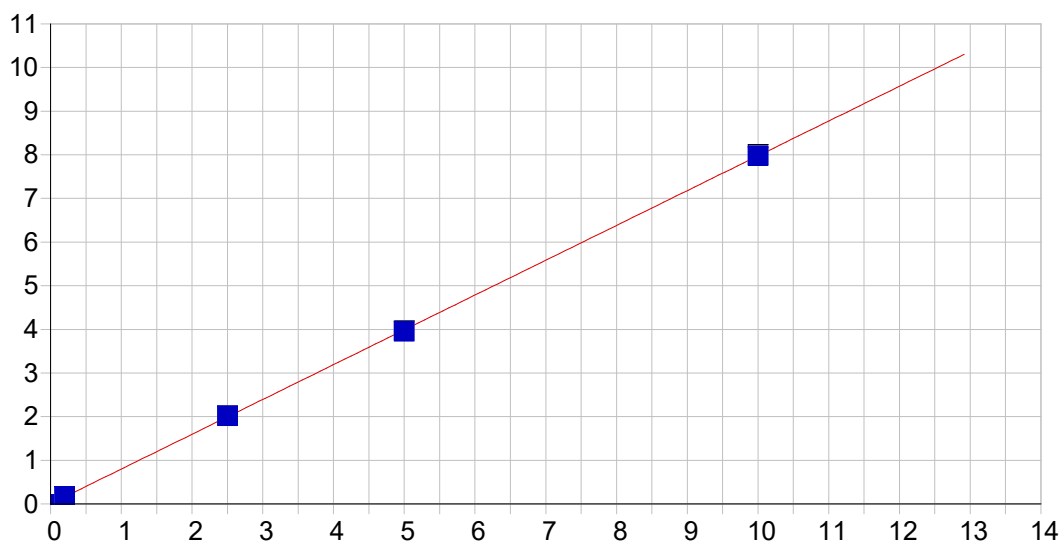


**B 249.678 {135}**

Date of Fit: 03/22/2019 18:30:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003638 Re-Slope: 1.000000  
 A1 (Gain): 0.597182 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999996 Status: OK.  
 Std Error of Est: 0.000090  
 Predicted MDL: 0.000983  
 Predicted MQL: 0.003278

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00364 | .001    | 1        |
| S1        | .10000       | .10127      | .001       | 1.27    | .06389 | .000    | 1        |
| S3        | 2.5000       | 2.5094      | .009       | .377    | 1.4988 | .006    | 1        |
| S4        | 5.0000       | 4.9804      | -.020      | -.392   | 2.9710 | .006    | 1        |
| S5        | 10.000       | 10.009      | .009       | .089    | 5.9671 | .062    | 1        |

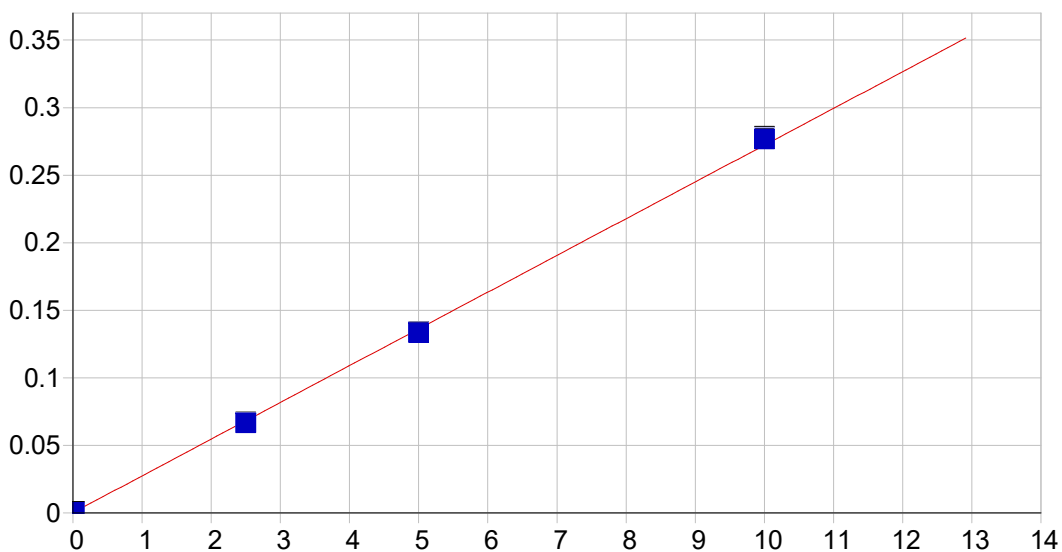


### Mo 202.030 {467}

Date of Fit: 03/22/2019 18:30:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000851 Re-Slope: 1.000000  
 A1 (Gain): 0.797579 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999964 Status: OK.  
 Std Error of Est: 0.000517  
 Predicted MDL: 0.000292  
 Predicted MQL: 0.000973

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00084 | .000    | 1        |
| S1        | .20000       | .21063      | .011       | 5.32    | .16886 | .000    | 1        |
| S3        | 2.5000       | 2.5302      | .030       | 1.21    | 2.0193 | .007    | 1        |
| S4        | 5.0000       | 4.9592      | -.041      | -.817   | 3.9570 | .008    | 1        |
| S5        | 10.000       | 10.000      | .000       | .001    | 7.9785 | .030    | 1        |

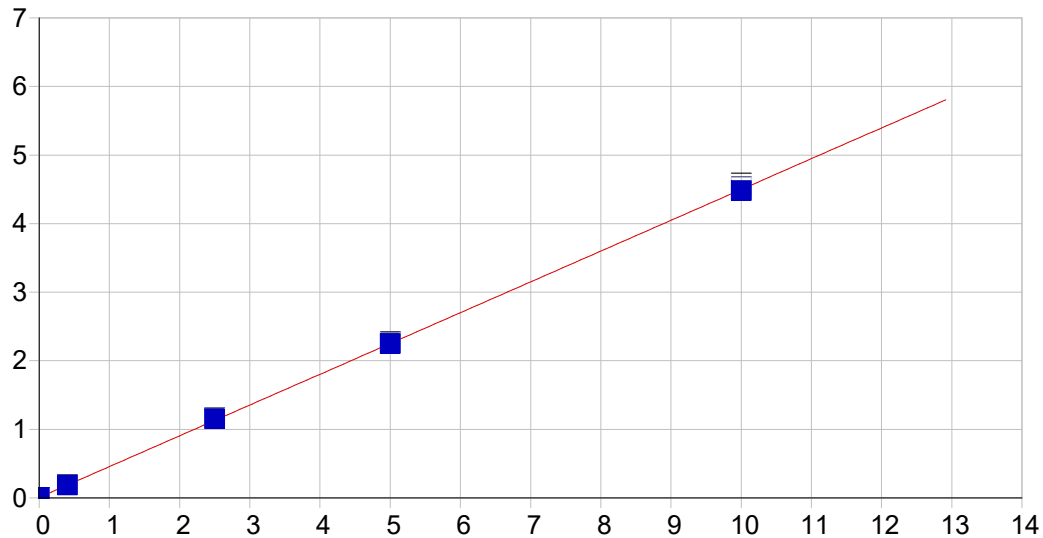


**S 182.034 {485}**

Date of Fit: 03/22/2019 18:30:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000208 Re-Slope: 1.000000  
A1 (Gain): 0.027199 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999823 Status: OK.  
Std Error of Est: 0.000012  
Predicted MDL: 0.004244  
Predicted MQL: 0.014145

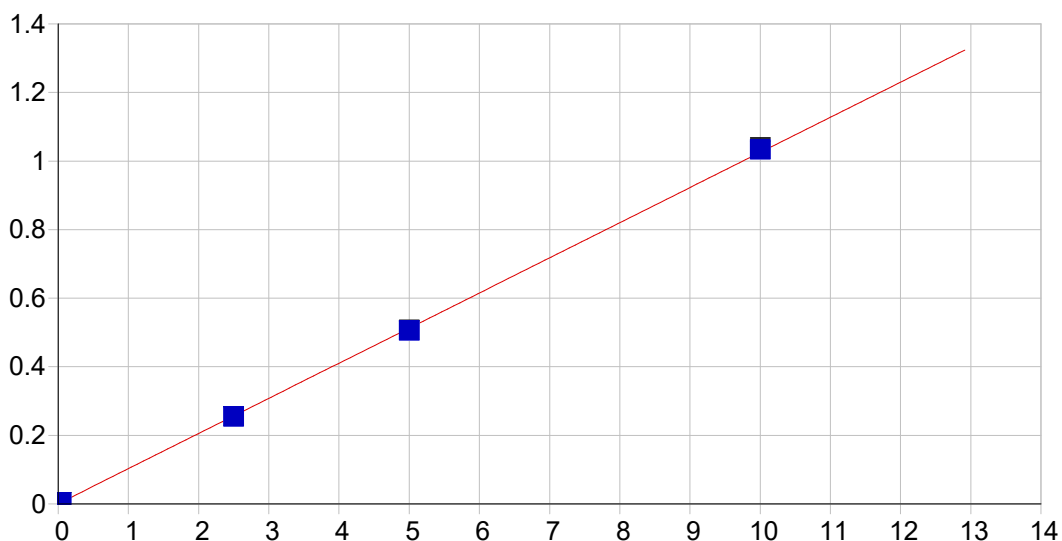
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00021 | .000    | 1        |
| S1        | .02000       | .02119      | .001       | 5.93    | .00077 | .000    | 1        |
| S3        | 2.5000       | 2.4378      | -.062      | -2.49   | .06684 | .000    | 1        |
| S4        | 5.0000       | 4.8994      | -.101      | -2.01   | .13411 | .000    | 1        |
| S5        | 10.000       | 10.162      | .162       | 1.62    | .27788 | .001    | 1        |

**Si 251.611 {134}**

Date of Fit: 03/22/2019 18:30:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007396 Re-Slope: 1.000000  
A1 (Gain): 0.448978 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999963 Status: OK.  
Std Error of Est: 0.000425  
Predicted MDL: 0.001186  
Predicted MQL: 0.003953

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00740 | .001    | 1        |
| S1        | .40000       | .39531      | -.005      | -1.17   | .18574 | .000    | 1        |
| S3        | 2.5000       | 2.5529      | .053       | 2.12    | 1.1668 | .005    | 1        |
| S4        | 5.0000       | 4.9905      | -.009      | -.190   | 2.2744 | .008    | 1        |
| S5        | 10.000       | 9.9612      | -.039      | -.388   | 4.5326 | .058    | 1        |

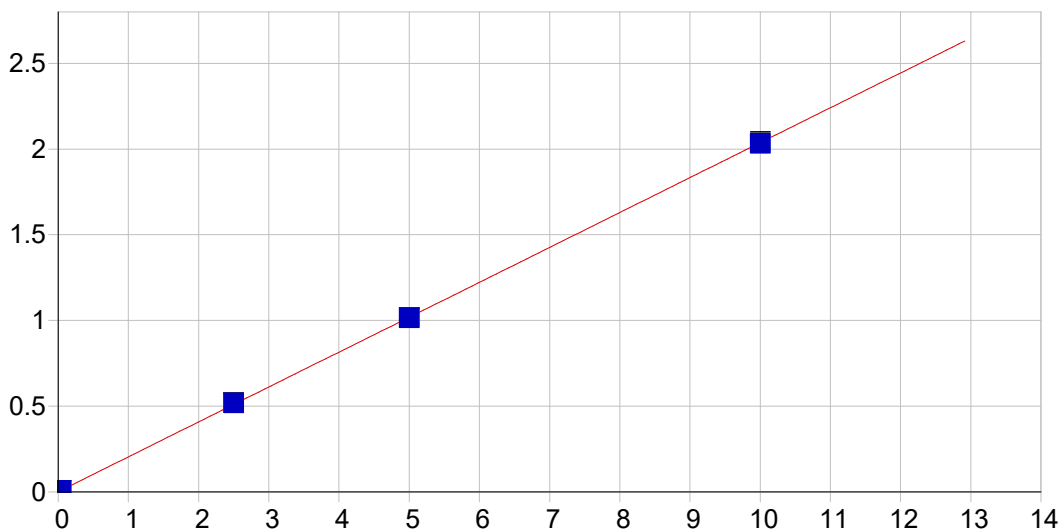


**Sn 189.989 {478}**

Date of Fit: 03/22/2019 18:30:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000393 Re-Slope: 1.000000  
 A1 (Gain): 0.102471 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999948 Status: OK.  
 Std Error of Est: 0.000036  
 Predicted MDL: 0.001094  
 Predicted MQL: 0.003647

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00039 | .000    | 1        |
| S1        | .04000       | .03904      | -.001      | -2.41   | .00439 | .000    | 1        |
| S3        | 2.5000       | 2.4830      | -.017      | -.680   | .25463 | .000    | 1        |
| S4        | 5.0000       | 4.9317      | -.068      | -1.37   | .50534 | .001    | 1        |
| S5        | 10.000       | 10.086      | .086       | .863    | 1.0331 | .005    | 1        |

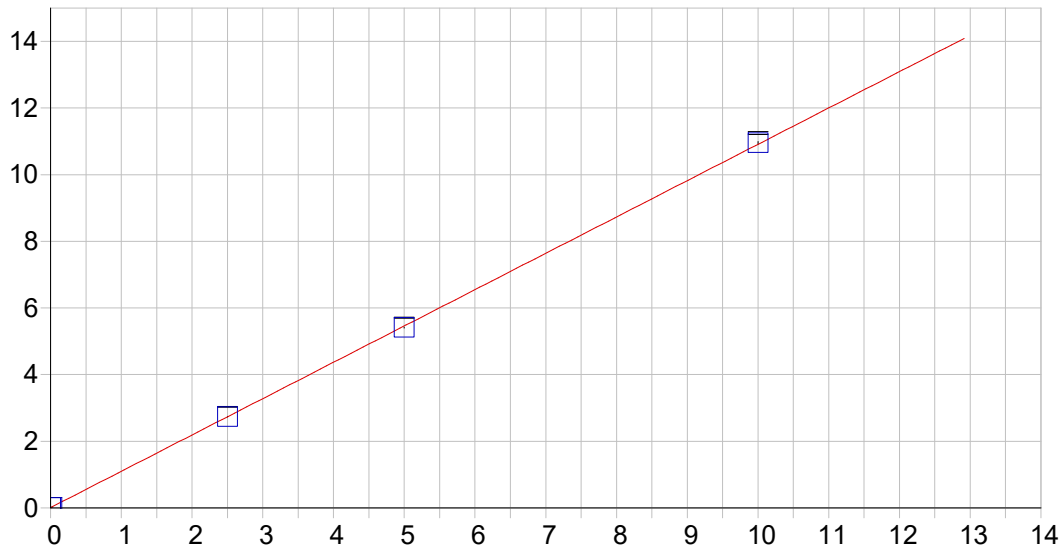


### TI 336.121 {100}

Date of Fit: 03/22/2019 18:30:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000939 Re-Slope: 1.000000  
 A1 (Gain): 0.203604 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999978 Status: OK.  
 Std Error of Est: 0.000046  
 Predicted MDL: 0.002269  
 Predicted MQL: 0.007564

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00094 | .001    | 1        |
| S1        | .04000       | .04105      | .001       | 2.61    | .00929 | .000    | 1        |
| S3        | 2.5000       | 2.5396      | .040       | 1.59    | .51785 | .002    | 1        |
| S4        | 5.0000       | 4.9790      | -.021      | -.420   | 1.0143 | .002    | 1        |
| S5        | 10.000       | 9.9803      | -.020      | -.197   | 2.0323 | .009    | 1        |



### LI 670.784 { 50}

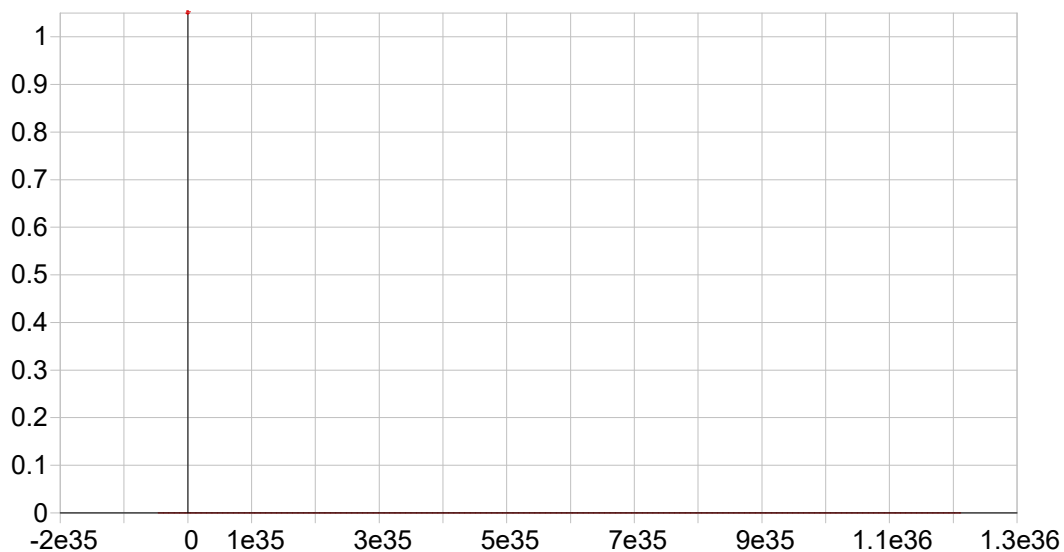
Date of Fit: 03/22/2019 18:30:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008441 Re-Slope: 1.000000  
 A1 (Gain): 1.090273 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999985 Status: OK.  
 Std Error of Est: 0.000142  
 Predicted MDL: 0.001900  
 Predicted MQL: 0.006332

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00844 | .003    | 1        |
| S5        | 10.000       | 10.039      | .039       | .393    | 10.954 | .043    | 1        |
| S4        | 5.0000       | 4.9582      | -.042      | -.836   | 5.4142 | .013    | 1        |
| S3        | 2.5000       | 2.5021      | .002       | .084    | 2.7364 | .012    | 1        |
| S1        | .02000       | .02037      | .000       | 1.83    | .03064 | .001    | 1        |



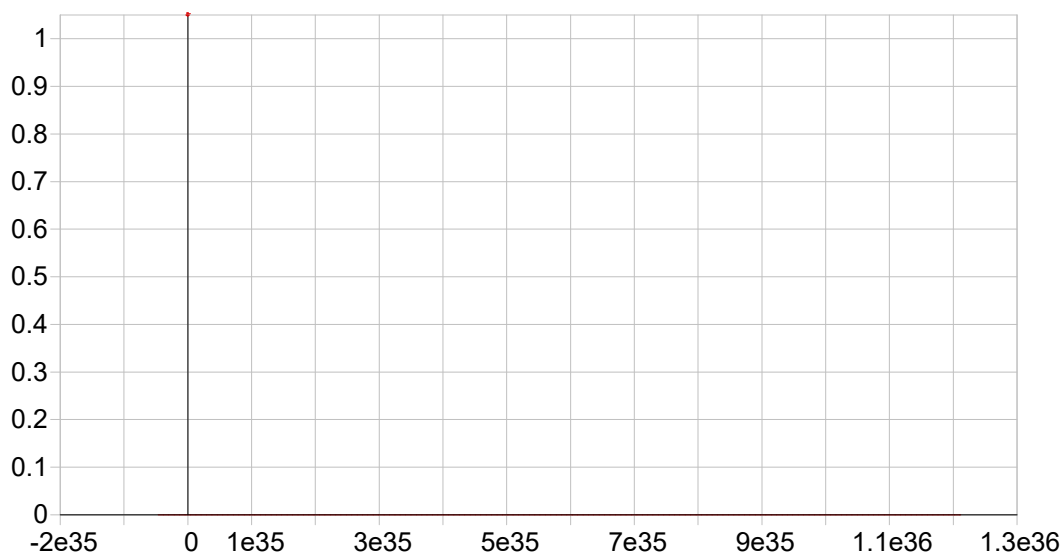




Y 371.030 { 91}\*

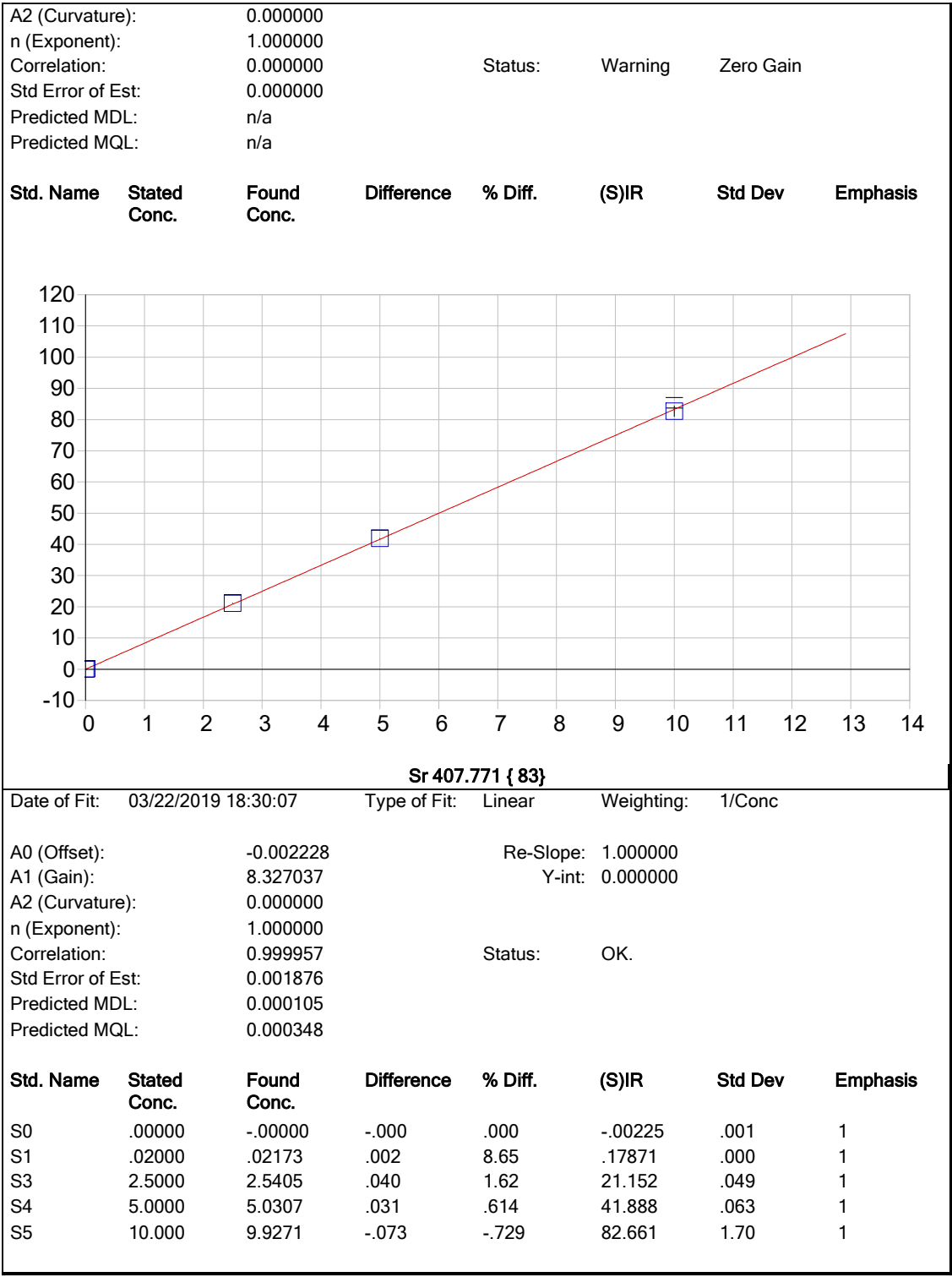
| Date of Fit:      | <not fit> | Type of Fit: | Linear    | Weighting: | 1/Conc    |
|-------------------|-----------|--------------|-----------|------------|-----------|
| A0 (Offset):      | 0.000000  |              | Re-Slope: | 1.000000   |           |
| A1 (Gain):        | 0.000000  |              | Y-int:    | 0.000000   |           |
| A2 (Curvature):   | 0.000000  |              |           |            |           |
| n (Exponent):     | 1.000000  |              |           |            |           |
| Correlation:      | 0.000000  |              | Status:   | Warning    | Zero Gain |
| Std Error of Est: | 0.000000  |              |           |            |           |
| Predicted MDL:    | n/a       |              |           |            |           |
| Predicted MQL:    | n/a       |              |           |            |           |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|



In 230.606 {446}\*

| Date of Fit: | <not fit> | Type of Fit: | Linear    | Weighting: | 1/Conc |
|--------------|-----------|--------------|-----------|------------|--------|
| A0 (Offset): | 0.000000  |              | Re-Slope: | 1.000000   |        |
| A1 (Gain):   | 0.000000  |              | Y-int:    | 0.000000   |        |



Sample Name: S0      Acquired: 03/22/2019 15:49:14      Type: Cal  
Method: NON EPA-6010-200.7(v94)      Mode: IR      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                |                |                |               |               |               |               |                |
|--------|----------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|
| Elem   | As1890         | Tl1908         | Pb2203         | Se1960        | Sb2068        | Al3961        | Ba4934        | Be2348         |
| Units  | Cts/S          | Cts/S          | Cts/S          | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S          |
| Avg    | <b>-.00030</b> | <b>-.00042</b> | <b>-.00017</b> | <b>.00059</b> | <b>.00047</b> | <b>.00268</b> | <b>.00426</b> | <b>-.00264</b> |
| Stddev | .00005         | .00006         | .00041         | .00016        | .00015        | .00024        | .00081        | .00039         |
| %RSD   | 16.028         | 13.652         | 242.57         | 26.248        | 31.201        | 9.0586        | 18.943        | 14.922         |

|    |                |                |                |               |               |               |               |                |
|----|----------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|
| #1 | <b>-.00024</b> | <b>-.00049</b> | <b>.00028</b>  | <b>.00060</b> | <b>.00030</b> | <b>.00263</b> | <b>.00463</b> | <b>-.00300</b> |
| #2 | <b>-.00033</b> | <b>-.00040</b> | <b>-.00027</b> | <b>.00075</b> | <b>.00052</b> | <b>.00246</b> | <b>.00334</b> | <b>-.00222</b> |
| #3 | <b>-.00032</b> | <b>-.00038</b> | <b>-.00052</b> | <b>.00044</b> | <b>.00058</b> | <b>.00294</b> | <b>.00482</b> | <b>-.00269</b> |

|        |                |               |               |               |               |               |                |                |
|--------|----------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|
| Elem   | Cd2144         | Ca3736        | Cr2677        | Co2286        | Cu3247        | Fe2598        | Mn2576         | Mg2790         |
| Units  | Cts/S          | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S          | Cts/S          |
| Avg    | <b>-.00024</b> | <b>.00126</b> | <b>.00002</b> | <b>.00016</b> | <b>.00083</b> | <b>.00006</b> | <b>-.00000</b> | <b>-.00002</b> |
| Stddev | .00008         | .00026        | .00003        | .00019        | .00044        | .00009        | .00018         | .00022         |
| %RSD   | 33.566         | 20.514        | 177.96        | 114.68        | 53.154        | 153.13        | 69635.         | 946.03         |

|    |                |               |                |                |               |               |                |                |
|----|----------------|---------------|----------------|----------------|---------------|---------------|----------------|----------------|
| #1 | <b>-.00025</b> | <b>.00155</b> | <b>.00002</b>  | <b>-.00005</b> | <b>.00056</b> | <b>.00000</b> | <b>.00020</b>  | <b>-.00000</b> |
| #2 | <b>-.00016</b> | <b>.00115</b> | <b>.00004</b>  | <b>.00025</b>  | <b>.00133</b> | <b>.00016</b> | <b>-.00016</b> | <b>-.00025</b> |
| #3 | <b>-.00032</b> | <b>.00107</b> | <b>-.00002</b> | <b>.00029</b>  | <b>.00059</b> | <b>.00001</b> | <b>-.00004</b> | <b>.00019</b>  |

|        |                |                |                |               |               |               |                |               |
|--------|----------------|----------------|----------------|---------------|---------------|---------------|----------------|---------------|
| Elem   | Ni2316         | Ag3280         | Na8183         | V_2924        | Zn2138        | K_7698        | P_1774         | B_2496        |
| Units  | Cts/S          | Cts/S          | Cts/S          | Cts/S         | Cts/S         | Cts/S         | Cts/S          | Cts/S         |
| Avg    | <b>-.00117</b> | <b>-.00010</b> | <b>-.00534</b> | <b>.00004</b> | <b>.00416</b> | <b>.03131</b> | <b>-.00100</b> | <b>.00364</b> |
| Stddev | .00010         | .00004         | .00177         | .00005        | .00047        | .00162        | .00009         | .00050        |
| %RSD   | 8.6677         | 39.075         | 33.129         | 131.73        | 11.304        | 5.1741        | 9.1966         | 13.752        |

|    |                |                |                |                |               |               |                |               |
|----|----------------|----------------|----------------|----------------|---------------|---------------|----------------|---------------|
| #1 | <b>-.00105</b> | <b>-.00011</b> | <b>-.00738</b> | <b>.00007</b>  | <b>.00397</b> | <b>.02996</b> | <b>-.00100</b> | <b>.00313</b> |
| #2 | <b>-.00119</b> | <b>-.00006</b> | <b>-.00436</b> | <b>.00006</b>  | <b>.00469</b> | <b>.03311</b> | <b>-.00109</b> | <b>.00413</b> |
| #3 | <b>-.00125</b> | <b>-.00014</b> | <b>-.00427</b> | <b>-.00002</b> | <b>.00381</b> | <b>.03088</b> | <b>-.00090</b> | <b>.00365</b> |

|        |               |               |               |               |               |               |                |  |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|--|
| Elem   | Mo2020        | S_1820        | Si2516        | Sn1899        | Ti3361        | Li6707        | Sr4077         |  |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S          |  |
| Avg    | <b>.00084</b> | <b>.00021</b> | <b>.00740</b> | <b>.00039</b> | <b>.00094</b> | <b>.00844</b> | <b>-.00225</b> |  |
| Stddev | .00009        | .00012        | .00089        | .00007        | .00059        | .00280        | .00055         |  |
| %RSD   | 10.507        | 58.606        | 11.969        | 17.619        | 63.358        | 33.206        | 24.303         |  |

|    |               |               |               |               |               |               |                |  |
|----|---------------|---------------|---------------|---------------|---------------|---------------|----------------|--|
| #1 | <b>.00078</b> | <b>.00035</b> | <b>.00828</b> | <b>.00032</b> | <b>.00162</b> | <b>.00523</b> | <b>-.00169</b> |  |
| #2 | <b>.00080</b> | <b>.00015</b> | <b>.00740</b> | <b>.00046</b> | <b>.00069</b> | <b>.01037</b> | <b>-.00226</b> |  |
| #3 | <b>.00094</b> | <b>.00013</b> | <b>.00651</b> | <b>.00040</b> | <b>.00051</b> | <b>.00972</b> | <b>-.00279</b> |  |

Sample Name: S0      Acquired: 03/22/2019 15:49:14      Type: Cal  
Method: NON EPA-6010-200.7(v94)      Mode: IR      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_2243 | Y_3600 | Y_3710 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 2195.8 | 2576.7 | 50538. | 5295.4 | 3858.2 |
| Stddev    | 12.4   | 3.3    | 240.   | 37.5   | 9.5    |
| %RSD      | .56605 | .12923 | .47476 | .70854 | .24678 |
| #1        | 2185.5 | 2573.0 | 50291. | 5252.3 | 3848.4 |
| #2        | 2192.3 | 2577.5 | 50552. | 5320.9 | 3858.9 |
| #3        | 2209.6 | 2579.5 | 50770. | 5313.0 | 3867.4 |

Sample Name: S1      Acquired: 03/22/2019 15:53:05      Type: Cal  
Method: NON EPA-6010-200.7(v94)      Mode: IR      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .00033 | .00149 | .00185 | .00220 | .00743 | .00974 | .35776 | .04874 |
| Stddev | .00021 | .00003 | .00015 | .00005 | .00008 | .00068 | .00267 | .00111 |
| %RSD   | 62.706 | 2.2822 | 7.9768 | 2.2014 | 1.0479 | 7.0251 | .74547 | 2.2838 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00009 | .00148 | .00169 | .00219 | .00747 | .00903 | .35517 | .04904 |
| #2 | .00044 | .00146 | .00187 | .00216 | .00734 | .00980 | .36050 | .04968 |
| #3 | .00046 | .00153 | .00198 | .00226 | .00747 | .01039 | .35760 | .04751 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2144 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576 | Ni2316 | Ag3280 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .01589 | .00108 | .02225 | .00287 | .00103 | .00222 | .01659 | .00230 |
| Stddev | .00017 | .00007 | .00042 | .00009 | .00009 | .00032 | .00010 | .00011 |
| %RSD   | 1.0414 | 6.2673 | 1.8737 | 3.0315 | 8.9259 | 14.532 | .60986 | 4.9488 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01570 | .00110 | .02240 | .00278 | .00105 | .00207 | .01671 | .00218 |
| #2 | .01602 | .00114 | .02258 | .00287 | .00094 | .00200 | .01653 | .00232 |
| #3 | .01594 | .00101 | .02178 | .00295 | .00112 | .00259 | .01654 | .00241 |

|        |        |        |         |        |        |        |        |        |
|--------|--------|--------|---------|--------|--------|--------|--------|--------|
| Elem   | V_2924 | Zn2138 | P_1774  | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
| Units  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .00190 | .10284 | -.00043 | .06389 | .16886 | .00077 | .18574 | .00439 |
| Stddev | .00022 | .00133 | .00006  | .00020 | .00033 | .00009 | .00023 | .00010 |
| %RSD   | 11.597 | 1.2976 | 14.809  | .31516 | .19336 | 11.286 | .12336 | 2.3552 |

|    |        |        |         |        |        |        |        |        |
|----|--------|--------|---------|--------|--------|--------|--------|--------|
| #1 | .00214 | .10398 | -.00036 | .06401 | .16915 | .00077 | .18588 | .00442 |
| #2 | .00184 | .10137 | -.00046 | .06366 | .16851 | .00069 | .18587 | .00428 |
| #3 | .00172 | .10315 | -.00048 | .06400 | .16892 | .00086 | .18548 | .00449 |

|        |        |        |        |
|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | Sr4077 |
| Units  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .00929 | .03064 | .17871 |
| Stddev | .00016 | .00069 | .00041 |
| %RSD   | 1.7220 | 2.2494 | .23090 |

|    |        |        |        |
|----|--------|--------|--------|
| #1 | .00911 | .03037 | .17845 |
| #2 | .00936 | .03014 | .17850 |
| #3 | .00941 | .03143 | .17919 |

Sample Name: S1      Acquired: 03/22/2019 15:53:05      Type: Cal  
Method: NON EPA-6010-200.7(v94)      Mode: IR      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_2243 | Y_3600 | Y_3710 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 2238.4 | 2600.0 | 51517. | 5377.2 | 3915.5 |
| Stddev    | 22.5   | 3.3    | 228.   | 45.0   | 10.8   |
| %RSD      | 1.0073 | .12871 | .44288 | .83600 | .27656 |
| #1        | 2212.6 | 2596.6 | 51305. | 5338.5 | 3907.3 |
| #2        | 2248.3 | 2600.0 | 51758. | 5366.6 | 3911.4 |
| #3        | 2254.2 | 2603.3 | 51488. | 5426.5 | 3927.8 |

Sample Name: S2      Acquired: 03/22/2019 15:56:57      Type: Cal  
Method: NON EPA-6010-200.7(v94)      Mode: IR      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|
| Elem   | Ca3736        | Mg2790        | Na8183        | K_7698        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.05386</b> | <b>.00736</b> | <b>.00743</b> | <b>.07045</b> |
| Stddev | .00036        | .00013        | .00135        | .00089        |
| %RSD   | .66410        | 1.7836        | 18.184        | 1.2674        |

|    |               |               |               |               |
|----|---------------|---------------|---------------|---------------|
| #1 | <b>.05385</b> | <b>.00734</b> | <b>.00785</b> | <b>.06963</b> |
| #2 | <b>.05351</b> | <b>.00749</b> | <b>.00851</b> | <b>.07032</b> |
| #3 | <b>.05422</b> | <b>.00723</b> | <b>.00592</b> | <b>.07140</b> |

|           |               |
|-----------|---------------|
| Int. Std. | Y_3710        |
| Units     | Cts/S         |
| Avg       | <b>5353.6</b> |
| Stddev    | 33.9          |
| %RSD      | .63290        |

|    |               |
|----|---------------|
| #1 | <b>5317.8</b> |
| #2 | <b>5357.9</b> |
| #3 | <b>5385.2</b> |

Sample Name: S3      Acquired: 03/22/2019 16:00:44      Type: Cal  
Method: NON EPA-6010-200.7(v94)      Mode: IR      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | As1890        | Tl1908        | Pb2203        | Se1960        | Sb2068        | Al3961        | Ba4934        | Be2348        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.08406</b> | <b>.11751</b> | <b>.42978</b> | <b>.19262</b> | <b>.31719</b> | <b>.32076</b> | <b>16.196</b> | <b>.98883</b> |
| Stddev | .00023        | .00057        | .00160        | .00024        | .00109        | .00163        | .043          | .00480        |
| %RSD   | .27714        | .48613        | .37305        | .12347        | .34412        | .50768        | .26477        | .48555        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .08390 | .11716 | .42871 | .19249 | .31643 | .31898 | 16.213 | .99242 |
| #2 | .08395 | .11720 | .42900 | .19247 | .31671 | .32112 | 16.148 | .98338 |
| #3 | .08433 | .11817 | .43162 | .19289 | .31844 | .32218 | 16.229 | .99069 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Cd2144        | Ca3736        | Cr2677        | Co2286        | Cu3247        | Fe2598        | Mn2576        | Mg2790        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>3.1432</b> | <b>.31096</b> | <b>.05174</b> | <b>.89638</b> | <b>.05311</b> | <b>.02247</b> | <b>.12892</b> | <b>.04536</b> |
| Stddev | .0081         | .00161        | .00016        | .00259        | .00041        | .00029        | .00099        | .00066        |
| %RSD   | .25667        | .51911        | .30921        | .28878        | .77401        | 1.2761        | .76763        | 1.4550        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.1410 | .31042 | .05158 | .89532 | .05265 | .02280 | .12897 | .04482 |
| #2 | 3.1364 | .30968 | .05190 | .89449 | .05345 | .02229 | .12790 | .04517 |
| #3 | 3.1521 | .31277 | .05175 | .89933 | .05323 | .02232 | .12988 | .04609 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Ni2316        | Ag3280        | Na8183        | V_2924        | Zn2138        | K_7698        | P_1774        | B_2496        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.51856</b> | <b>.14125</b> | <b>.07853</b> | <b>.05908</b> | <b>2.9279</b> | <b>.26752</b> | <b>.07181</b> | <b>1.4988</b> |
| Stddev | .00159        | .00074        | .00207        | .00032        | .0098         | .00041        | .00031        | .0063         |
| %RSD   | .30756        | .52210        | 2.6306        | .54304        | .33410        | .15443        | .43538        | .41930        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .51861 | .14207 | .07719 | .05943 | 2.9171 | .26736 | .07166 | 1.5031 |
| #2 | .51694 | .14105 | .08091 | .05902 | 2.9362 | .26799 | .07160 | 1.4916 |
| #3 | .52013 | .14064 | .07749 | .05880 | 2.9304 | .26722 | .07217 | 1.5017 |

|        |               |               |               |               |               |               |               |  |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|
| Elem   | Mo2020        | S_1820        | Si2516        | Sn1899        | Ti3361        | Li6707        | Sr4077        |  |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |  |
| Avg    | <b>2.0193</b> | <b>.06684</b> | <b>1.1668</b> | <b>.25463</b> | <b>.51785</b> | <b>2.7364</b> | <b>21.152</b> |  |
| Stddev | .0072         | .00041        | .0055         | .00039        | .00193        | .0117         | .049          |  |
| %RSD   | .35638        | .60631        | .47008        | .15263        | .37365        | .42556        | .23296        |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 2.0114 | .06722 | 1.1688 | .25464 | .51761 | 2.7378 | 21.147 |  |
| #2 | 2.0211 | .06641 | 1.1606 | .25423 | .51604 | 2.7241 | 21.106 |  |
| #3 | 2.0254 | .06688 | 1.1710 | .25501 | .51989 | 2.7473 | 21.204 |  |

Sample Name: S3      Acquired: 03/22/2019 16:00:44      Type: Cal  
Method: NON EPA-6010-200.7(v94)      Mode: IR      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_2243 | Y_3600 | Y_3710 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 2211.7 | 2561.1 | 51087. | 5329.7 | 3840.5 |
| Stddev    | 6.3    | .9     | 265.   | 20.1   | 12.2   |
| %RSD      | .28423 | .03560 | .51890 | .37626 | .31795 |
| #1        | 2215.9 | 2561.2 | 50818. | 5307.5 | 3831.2 |
| #2        | 2204.5 | 2561.9 | 51097. | 5346.5 | 3854.3 |
| #3        | 2214.8 | 2560.1 | 51348. | 5335.1 | 3835.8 |

Sample Name: S4      Acquired: 03/22/2019 16:04:21      Type: Cal  
Method: NON EPA-6010-200.7(v94)      Mode: IR      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | As1890        | Tl1908        | Pb2203        | Se1960        | Sb2068        | Al3961        | Ba4934        | Be2348        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.16642</b> | <b>.23372</b> | <b>.85509</b> | <b>.38185</b> | <b>.62446</b> | <b>.62619</b> | <b>32.144</b> | <b>1.9523</b> |
| Stddev | .00069        | .00032        | .00299        | .00061        | .00050        | .00150        | .004          | .0061         |
| %RSD   | .41238        | .13529        | .34968        | .15866        | .07936        | .24016        | .01173        | .31216        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .16609 | .23403 | .85387 | .38201 | .62470 | .62565 | 32.140 | 1.9528 |
| #2 | .16720 | .23340 | .85289 | .38235 | .62478 | .62789 | 32.145 | 1.9460 |
| #3 | .16595 | .23373 | .85849 | .38117 | .62388 | .62503 | 32.147 | 1.9581 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Cd2144        | Ca3736        | Cr2677        | Co2286        | Cu3247        | Fe2598        | Mn2576        | Mg2790        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>6.1893</b> | <b>.60795</b> | <b>.10134</b> | <b>1.7726</b> | <b>.10288</b> | <b>.04386</b> | <b>.25036</b> | <b>.08940</b> |
| Stddev | .0084         | .00367        | .00032        | .0032         | .00007        | .00065        | .00236        | .00053        |
| %RSD   | .13599        | .60337        | .31262        | .18035        | .06385        | 1.4858        | .94136        | .58799        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 6.1857 | .60372 | .10129 | 1.7704 | .10290 | .04311 | .24766 | .08894 |
| #2 | 6.1833 | .61028 | .10169 | 1.7711 | .10294 | .04414 | .25200 | .08998 |
| #3 | 6.1989 | .60985 | .10106 | 1.7763 | .10281 | .04432 | .25142 | .08928 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Ni2316        | Ag3280        | Na8183        | V_2924        | Zn2138        | K_7698        | P_1774        | B_2496        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>1.0243</b> | <b>.28018</b> | <b>.16064</b> | <b>.11553</b> | <b>5.7437</b> | <b>.49927</b> | <b>.14495</b> | <b>2.9710</b> |
| Stddev | .0028         | .00036        | .00115        | .00087        | .0107         | .00296        | .00029        | .0059         |
| %RSD   | .27329        | .12695        | .71620        | .75405        | .18593        | .59331        | .19906        | .19987        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.0230 | .27977 | .16028 | .11487 | 5.7559 | .49587 | .14488 | 2.9765 |
| #2 | 1.0224 | .28043 | .16192 | .11652 | 5.7361 | .50067 | .14471 | 2.9647 |
| #3 | 1.0275 | .28033 | .15971 | .11521 | 5.7390 | .50128 | .14527 | 2.9718 |

|        |               |               |               |               |               |               |               |  |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|
| Elem   | Mo2020        | S_1820        | Si2516        | Sn1899        | Ti3361        | Li6707        | Sr4077        |  |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |  |
| Avg    | <b>3.9570</b> | <b>.13411</b> | <b>2.2744</b> | <b>.50534</b> | <b>1.0143</b> | <b>5.4142</b> | <b>41.888</b> |  |
| Stddev | .0081         | .00005        | .0085         | .00101        | .0023         | .0127         | .063          |  |
| %RSD   | .20408        | .03952        | .37206        | .19929        | .22798        | .23488        | .14999        |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 3.9659 | .13405 | 2.2698 | .50491 | 1.0117 | 5.4001 | 41.816 |  |
| #2 | 3.9552 | .13413 | 2.2693 | .50462 | 1.0162 | 5.4246 | 41.918 |  |
| #3 | 3.9501 | .13416 | 2.2842 | .50649 | 1.0151 | 5.4180 | 41.932 |  |

Sample Name: S4      Acquired: 03/22/2019 16:04:21      Type: Cal  
Method: NON EPA-6010-200.7(v94)      Mode: IR      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_2243 | Y_3600 | Y_3710 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 2187.5 | 2538.7 | 50920. | 5296.5 | 3769.9 |
| Stddev    | 5.1    | 5.5    | 86.    | 15.6   | 3.0    |
| %RSD      | .23220 | .21498 | .16959 | .29466 | .08085 |
| #1        | 2184.5 | 2534.0 | 50861. | 5285.3 | 3770.0 |
| #2        | 2193.4 | 2537.5 | 50879. | 5314.3 | 3772.9 |
| #3        | 2184.6 | 2544.7 | 51019. | 5289.8 | 3766.8 |

Sample Name: S5      Acquired: 03/22/2019 16:07:54      Type: Cal  
Method: NON EPA-6010-200.7(v94)      Mode: IR      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | As1890        | Tl1908        | Pb2203        | Se1960        | Sb2068        | Al3961        | Ba4934        | Be2348        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.33675</b> | <b>.47472</b> | <b>1.7391</b> | <b>.76383</b> | <b>1.2579</b> | <b>1.2624</b> | <b>63.819</b> | <b>3.8634</b> |
| Stddev | .00122        | .00181        | .0046         | .00364        | .0037         | .0075         | .781          | .0369         |
| %RSD   | .36303        | .38063        | .26307        | .47663        | .29638        | .59009        | 1.2240        | .95544        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .33547 | .47370 | 1.7345 | .75969 | 1.2536 | 1.2576 | 63.929 | 3.8328 |
| #2 | .33790 | .47366 | 1.7393 | .76529 | 1.2593 | 1.2586 | 62.989 | 3.8531 |
| #3 | .33689 | .47681 | 1.7436 | .76652 | 1.2607 | 1.2710 | 64.539 | 3.9044 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Cd2144        | Ca3736        | Cr2677        | Co2286        | Cu3247        | Fe2598        | Mn2576        | Mg2790        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>12.472</b> | <b>1.2141</b> | <b>.20282</b> | <b>3.6082</b> | <b>.20554</b> | <b>.08684</b> | <b>.50035</b> | <b>.18042</b> |
| Stddev | .042          | .0071         | .00077        | .0119         | .00156        | .00088        | .00197        | .00082        |
| %RSD   | .33581        | .58422        | .37919        | .32980        | .76139        | 1.0186        | .39372        | .45508        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 12.441 | 1.2092 | .20245 | 3.5976 | .20476 | .08650 | .50028 | .17947 |
| #2 | 12.456 | 1.2108 | .20230 | 3.6060 | .20451 | .08617 | .49842 | .18087 |
| #3 | 12.520 | 1.2222 | .20370 | 3.6211 | .20734 | .08784 | .50236 | .18092 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Ni2316        | Ag3280        | Na8183        | V_2924        | Zn2138        | K_7698        | P_1774        | B_2496        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>2.0729</b> | <b>.57184</b> | <b>.32843</b> | <b>.23240</b> | <b>11.302</b> | <b>.98066</b> | <b>.29991</b> | <b>5.9671</b> |
| Stddev | .0064         | .00179        | .00235        | .00145        | .053          | .00536        | .00124        | .0620         |
| %RSD   | .30884        | .31321        | .71567        | .62290        | .46757        | .54672        | .41496        | 1.0387        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0669 | .56980 | .32875 | .23123 | 11.342 | .97512 | .29878 | 5.9173 |
| #2 | 2.0723 | .57258 | .32593 | .23197 | 11.242 | .98104 | .29971 | 5.9475 |
| #3 | 2.0797 | .57315 | .33060 | .23402 | 11.322 | .98582 | .30124 | 6.0365 |

|        |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Mo2020        | S_1820        | Si2516        | Sn1899        | Ti3361        | Li6707        | Sr4077        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>7.9785</b> | <b>.27788</b> | <b>4.5326</b> | <b>1.0331</b> | <b>2.0323</b> | <b>10.954</b> | <b>82.661</b> |
| Stddev | .0302         | .00092        | .0584         | .0047         | .0089         | .043          | 1.699         |
| %RSD   | .37897        | .33059        | 1.2892        | .45764        | .43910        | .39448        | 2.0556        |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 7.9476 | .27682 | 4.4893 | 1.0292 | 2.0286 | 10.934 | 84.055 |
| #2 | 7.9798 | .27843 | 4.5094 | 1.0318 | 2.0258 | 10.925 | 80.768 |
| #3 | 8.0080 | .27839 | 4.5991 | 1.0384 | 2.0425 | 11.004 | 83.161 |

Sample Name: S5      Acquired: 03/22/2019 16:07:54      Type: Cal  
Method: NON EPA-6010-200.7(v94)      Mode: IR      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_2243 | Y_3600 | Y_3710 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 2180.2 | 2511.5 | 51102. | 5362.2 | 3674.1 |
| Stddev    | 15.9   | 4.0    | 99.    | 34.5   | 6.4    |
| %RSD      | .73053 | .15931 | .19286 | .64402 | .17495 |
| #1        | 2162.0 | 2511.6 | 50989. | 5374.0 | 3673.6 |
| #2        | 2191.1 | 2515.5 | 51148. | 5389.3 | 3680.8 |
| #3        | 2187.6 | 2507.5 | 51170. | 5323.4 | 3668.0 |

Sample Name: ICV01      Acquired: 03/22/2019 16:16:15      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9934444 | 1.006115 | .9807609 | .9977288 | .9794245 | 2.549209 |
| Stddev | .0021925 | .005185  | .0039606 | .0033252 | .0030335 | .035437  |
| %RSD   | .2206930 | .5153060 | .4038238 | .3332796 | .3097240 | 1.390101 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9910334 | 1.010708 | .9812185 | .9998625 | .9786130 | 2.516032 |
| #2 | .9939813 | 1.000493 | .9765914 | .9938974 | .9768792 | 2.586539 |
| #3 | .9953186 | 1.007145 | .9844728 | .9994265 | .9827812 | 2.545054 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5042933 | .4893143 | .4968353 | 10.11577 | .5034069 | .4965079 |
| Stddev | .0015831 | .0007782 | .0009238 | .06126   | .0019688 | .0010646 |
| %RSD   | .3139235 | .1590467 | .1859369 | .6056033 | .3910979 | .2144194 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5024908 | .4890963 | .4962664 | 10.06538 | .5028872 | .4965572 |
| #2 | .5054583 | .4886683 | .4963383 | 10.09797 | .5055835 | .4954195 |
| #3 | .5049308 | .4901783 | .4979012 | 10.18396 | .5017501 | .4975470 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4991237 | 5.173195 | .5070216 | 5.914517 | .5037802 | .4894919 |
| Stddev | .0045420 | .040773  | .0064995 | .050838  | .0004294 | .0022182 |
| %RSD   | .9100004 | .7881553 | 1.281888 | .8595530 | .0852266 | .4531679 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5040790 | 5.163661 | .5009036 | 5.879102 | .5039795 | .4914427 |
| #2 | .4981338 | 5.138034 | .5063161 | 5.972769 | .5032874 | .4870790 |
| #3 | .4951583 | 5.217890 | .5138450 | 5.891680 | .5040737 | .4899540 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 10.15766 | .4760325 | 1.025374 | 9.708777 | F -.006230 | 2.466318 |
| Stddev | .12325   | .0099726 | .004193  | .079753  | .000756    | .008709  |
| %RSD   | 1.213325 | 2.094950 | .4089153 | .8214492 | 12.14135   | .3531043 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.11046 | .4645338 | 1.028873 | 9.753568 | -.005995 | 2.469264 |
| #2 | 10.06498 | .4812450 | 1.020727 | 9.616698 | -.007076 | 2.456518 |
| #3 | 10.29753 | .4823188 | 1.026523 | 9.756065 | -.005618 | 2.473171 |

Sample Name: ICV01      Acquired: 03/22/2019 16:16:15      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                   |                   |                 |                 |                   |
|--------|-----------------|-------------------|-------------------|-----------------|-----------------|-------------------|
| Elem   | Mo2020          | S_1820            | Si2516            | Sn1899          | Ti3361          | Li6707            |
| Units  | ppm             | ppm               | ppm               | ppm             | ppm             | ppm               |
| Avg    | <b>2.468501</b> | <b>F -.000398</b> | <b>F 2.346735</b> | <b>2.429580</b> | <b>2.476589</b> | <b>W .0011091</b> |
| Stddev | .009248         | .002115           | .009282           | .006053         | .013554         | .0013492          |
| %RSD   | .3746208        | 530.9102          | .3955083          | .2491200        | .5472681        | 121.6496          |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.462402 | .000225  | 2.336038 | 2.428696 | 2.464933 | .0012237 |
| #2 | 2.463960 | -.002754 | 2.352654 | 2.424018 | 2.473373 | .0023972 |
| #3 | 2.479141 | .001335  | 2.351513 | 2.436026 | 2.491462 | -.000294 |

|        |                   |
|--------|-------------------|
| Elem   | Sr4077            |
| Units  | ppm               |
| Avg    | <b>F .0116692</b> |
| Stddev | .0001241          |
| %RSD   | 1.063570          |

|    |          |
|----|----------|
| #1 | .0115565 |
| #2 | .0116489 |
| #3 | .0118022 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2218.600</b> | <b>2580.373</b> | <b>51411.82</b> | <b>5405.932</b> | <b>3886.545</b> |
| Stddev    | 6.775           | 4.863           | 160.40          | 22.080          | 7.084           |
| %RSD      | .3053821        | .1884780        | .3119961        | .4084331        | .1822757        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2226.377 | 2576.211 | 51581.12 | 5431.416 | 3878.685 |
| #2 | 2213.976 | 2585.719 | 51262.12 | 5393.860 | 3892.437 |
| #3 | 2215.447 | 2579.190 | 51392.23 | 5392.522 | 3888.513 |

Sample Name: LLICV01      Acquired: 03/22/2019 16:27:02      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: LLICV01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0202266</b> | <b>.0407343</b> | <b>.0122428</b> | <b>.0225703</b> | <b>.0582000</b> | <b>.1019863</b> | <b>.1107868</b> |
| Stddev | .0044938        | .0022783        | .0018103        | .0011135        | .0007423        | .0103125        | .0009504        |
| %RSD   | 22.21740        | 5.593085        | 14.78643        | 4.933277        | 1.275414        | 10.11161        | .8578330        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0181182 | .0416619 | .0130487 | .0215633 | .0573541 | .0900982 | .1096966 |
| #2 | .0171747 | .0381385 | .0135101 | .0223815 | .0587428 | .1085223 | .1112234 |
| #3 | .0253870 | .0424024 | .0101695 | .0237661 | .0585031 | .1073386 | .1114404 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0066421</b> | <b>.0064924</b> | <b>2.180705</b> | <b>.0104488</b> | <b>.0316677</b> | <b>.0208439</b> | <b>.1187678</b> |
| Stddev | .0000978        | .0000402        | .007534         | .0002001        | .0005715        | .0009978        | .0215601        |
| %RSD   | 1.472059        | .6196626        | .3454769        | 1.914778        | 1.804667        | 4.786883        | 18.15314        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0066120 | .0064946 | 2.177702 | .0103859 | .0310332 | .0213330 | .1040521 |
| #2 | .0067514 | .0065315 | 2.175135 | .0102878 | .0321420 | .0215028 | .1435160 |
| #3 | .0065630 | .0064511 | 2.189277 | .0106728 | .0318278 | .0196960 | .1087352 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0233396</b> | <b>2.077476</b> | <b>.0435017</b> | <b>.0105281</b> | <b>2.169813</b> | <b>.0388755</b> | <b>.0431710</b> |
| Stddev | .0008931        | .095682         | .0002943        | .0004071        | .053862         | .0046690        | .0006649        |
| %RSD   | 3.826474        | 4.605705        | .6764429        | 3.866672        | 2.482316        | 12.01019        | 1.540171        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0243690 | 1.981557 | .0433025 | .0100956 | 2.200700 | .0382065 | .0438980 |
| #2 | .0227722 | 2.172920 | .0433629 | .0105849 | 2.201119 | .0438429 | .0430212 |
| #3 | .0228775 | 2.077952 | .0438397 | .0109038 | 2.107619 | .0345771 | .0425937 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.147555</b> | <b>.0176991</b> | <b>.1042486</b> | <b>.2136892</b> | <b>.0195656</b> | <b>.3963273</b> | <b>.0417868</b> |
| Stddev | .031621         | .0010342        | .0004682        | .0008684        | .0009142        | .0031067        | .0007728        |
| %RSD   | 1.472397        | 5.843345        | .4491120        | .4063918        | 4.672363        | .7838830        | 1.849488        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.117794 | .0187730 | .1037378 | .2132050 | .0191691 | .3956591 | .0425905 |
| #2 | 2.144116 | .0167097 | .1046573 | .2131709 | .0189166 | .3997138 | .0410491 |
| #3 | 2.180754 | .0176147 | .1043506 | .2146918 | .0206111 | .3936091 | .0417209 |

Sample Name: LLICV01      Acquired: 03/22/2019 16:27:02      Type: Unk  
 Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1: LLICV01      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0418920 | .0202936 | .0219827 |
| Stddev | .0027001 | .0010644 | .0000200 |
| %RSD   | 6.445421 | 5.244957 | .0908392 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0441862 | .0199925 | .0219632 |
| #2 | .0389165 | .0214761 | .0220031 |
| #3 | .0425732 | .0194123 | .0219818 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2202.043 | 2578.038 | 51059.20 | 5370.375 | 3879.927 |
| Stddev    | 6.670    | 6.217    | 209.37   | 32.226   | 6.840    |
| %RSD      | .3029126 | .2411584 | .4100490 | .6000750 | .1763020 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2194.345 | 2571.475 | 50820.47 | 5358.275 | 3873.155 |
| #2 | 2205.693 | 2583.839 | 51145.57 | 5345.950 | 3886.833 |
| #3 | 2206.092 | 2578.799 | 51211.57 | 5406.900 | 3879.793 |

Sample Name: ICB01      Acquired: 03/22/2019 16:40:05      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.002308</b> | <b>.0000859</b> | <b>-.000175</b> | <b>-.000583</b> | <b>.0008257</b> | <b>.0032775</b> | <b>-.000525</b> |
| Stddev | .000707         | .0031699        | .001631         | .001910         | .0022437        | .0093371        | .000337         |
| %RSD   | 30.61344        | 3689.965        | 930.1838        | 327.9386        | 271.7249        | 284.8808        | 64.14194        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001809</b> | <b>.0036377</b> | <b>.000876</b>  | <b>-.000307</b> | <b>.0025391</b> | <b>.0004802</b> | <b>-.000782</b> |
| #2 | <b>-.001999</b> | <b>-.000924</b> | <b>-.002054</b> | <b>.001175</b>  | <b>.0016520</b> | <b>.0136935</b> | <b>-.000144</b> |
| #3 | <b>-.003117</b> | <b>-.002456</b> | <b>.000652</b>  | <b>-.002616</b> | <b>-.001714</b> | <b>-.004341</b> | <b>-.000650</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000167</b> | <b>-.000009</b> | <b>.0168108</b> | <b>.0006314</b> | <b>-.000009</b> | <b>.0009680</b> | <b>.0149425</b> |
| Stddev | .0000465        | .000072         | .0144279        | .0007471        | .000253         | .0011158        | .0188805        |
| %RSD   | 278.2949        | 762.1225        | 85.82518        | 118.3247        | 2831.262        | 115.2674        | 126.3547        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0000694</b> | <b>.000028</b>  | <b>.0010059</b> | <b>-.000095</b> | <b>.000148</b>  | <b>.0006089</b> | <b>.0367232</b> |
| #2 | <b>-.000001</b> | <b>-.000093</b> | <b>.0201505</b> | <b>.001398</b>  | <b>-.000301</b> | <b>.0000760</b> | <b>.0032316</b> |
| #3 | <b>-.000019</b> | <b>.000036</b>  | <b>.0292759</b> | <b>.000591</b>  | <b>.000126</b>  | <b>.0022191</b> | <b>.0048726</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001277</b> | <b>-.019908</b> | <b>.0001531</b> | <b>.0002713</b> | <b>-.195002</b> | <b>-.004693</b> | <b>-.000262</b> |
| Stddev | .001056         | .066539         | .0006758        | .0002554        | .366255         | .006286         | .000313         |
| %RSD   | 82.70131        | 334.2372        | 441.4056        | 94.15865        | 187.8210        | 133.9371        | 119.3273        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001624</b> | <b>-.094774</b> | <b>-.000627</b> | <b>.0005654</b> | <b>-.209954</b> | <b>.001778</b>  | <b>-.000467</b> |
| #2 | <b>-.000091</b> | <b>.002569</b>  | <b>.000544</b>  | <b>.0001438</b> | <b>-.553552</b> | <b>-.005081</b> | <b>.000098</b>  |
| #3 | <b>-.002116</b> | <b>.032482</b>  | <b>.000542</b>  | <b>.0001047</b> | <b>.178500</b>  | <b>-.010777</b> | <b>-.000418</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.015196</b> | <b>-.003283</b> | <b>-.001504</b> | <b>-.000501</b> | <b>-.002713</b> | <b>-.000403</b> | <b>-.001225</b> |
| Stddev | .009479         | .000445         | .000877         | .000256         | .001603         | .000553         | .000585         |
| %RSD   | 62.37971        | 13.54545        | 58.31845        | 51.20633        | 59.07983        | 136.9894        | 47.74254        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.004957</b> | <b>-.003794</b> | <b>-.000529</b> | <b>-.000638</b> | <b>-.001561</b> | <b>-.001037</b> | <b>-.001896</b> |
| #2 | <b>-.023666</b> | <b>-.003072</b> | <b>-.001756</b> | <b>-.000659</b> | <b>-.002034</b> | <b>-.000155</b> | <b>-.000828</b> |
| #3 | <b>-.016965</b> | <b>-.002984</b> | <b>-.002228</b> | <b>-.000205</b> | <b>-.004543</b> | <b>-.000019</b> | <b>-.000950</b> |

Sample Name: ICB01      Acquired: 03/22/2019 16:40:05      Type: Unk  
 Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000941</b> | <b>-.001076</b> | <b>.0000218</b> |
| Stddev | .002582         | .000647         | .0000065        |
| %RSD   | 274.4824        | 60.10935        | 29.69039        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.003911</b> | <b>-.001572</b> | <b>.0000148</b> |
| #2 | <b>.000776</b>  | <b>-.000344</b> | <b>.0000229</b> |
| #3 | <b>.000313</b>  | <b>-.001312</b> | <b>.0000275</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2214.369</b> | <b>2580.631</b> | <b>50930.22</b> | <b>5344.825</b> | <b>3855.198</b> |
| Stddev    | 14.952          | 3.434           | 180.91          | 17.222          | 2.999           |
| %RSD      | .6752286        | .1330511        | .3552145        | .3222261        | .0777841        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2199.715</b> | <b>2577.033</b> | <b>50746.50</b> | <b>5344.150</b> | <b>3853.479</b> |
| #2 | <b>2213.790</b> | <b>2580.985</b> | <b>50935.97</b> | <b>5362.375</b> | <b>3853.454</b> |
| #3 | <b>2229.603</b> | <b>2583.873</b> | <b>51108.19</b> | <b>5327.950</b> | <b>3858.661</b> |

Sample Name: CRI01      Acquired: 03/22/2019 16:43:58      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0175791</b> | <b>.0404995</b> | <b>.0117029</b> | <b>.0212870</b> | <b>.0547908</b> | <b>.1128587</b> | <b>.1086151</b> |
| Stddev | .0052803        | .0007615        | .0005564        | .0018714        | .0008892        | .0156766        | .0007617        |
| %RSD   | 30.03728        | 1.880238        | 4.753916        | 8.791112        | 1.622992        | 13.89048        | .7012846        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0115369</b> | <b>.0412554</b> | <b>.0112256</b> | <b>.0191477</b> | <b>.0539399</b> | <b>.1022754</b> | <b>.1084556</b> |
| #2 | <b>.0213075</b> | <b>.0397325</b> | <b>.0115692</b> | <b>.0226206</b> | <b>.0557140</b> | <b>.1054323</b> | <b>.1079458</b> |
| #3 | <b>.0198930</b> | <b>.0405107</b> | <b>.0123140</b> | <b>.0220927</b> | <b>.0547186</b> | <b>.1308685</b> | <b>.1094439</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0064422</b> | <b>.0063925</b> | <b>2.137822</b> | <b>.0104551</b> | <b>.0308298</b> | <b>.0198226</b> | <b>.0988419</b> |
| Stddev | .0000132        | .0000849        | .030967         | .0002637        | .0002968        | .0057577        | .0173183        |
| %RSD   | .2052955        | 1.328297        | 1.448550        | 2.522637        | .9628075        | 29.04641        | 17.52126        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0064269</b> | <b>.0063080</b> | <b>2.128939</b> | <b>.0103487</b> | <b>.0305465</b> | <b>.0244148</b> | <b>.1039315</b> |
| #2 | <b>.0064490</b> | <b>.0064778</b> | <b>2.112267</b> | <b>.0102611</b> | <b>.0308044</b> | <b>.0216900</b> | <b>.0795490</b> |
| #3 | <b>.0064506</b> | <b>.0063917</b> | <b>2.172261</b> | <b>.0107554</b> | <b>.0311385</b> | <b>.0133629</b> | <b>.1130451</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0210143</b> | <b>2.116723</b> | <b>.0425560</b> | <b>.0103408</b> | <b>1.613367</b> | <b>.0402400</b> | <b>.0429329</b> |
| Stddev | .0008557        | .084775         | .0004765        | .0000753        | .326308         | .0034114        | .0002876        |
| %RSD   | 4.072183        | 4.005008        | 1.119602        | .7284990        | 20.22527        | 8.477566        | .6698953        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0202797</b> | <b>2.210989</b> | <b>.0427438</b> | <b>.0104195</b> | <b>1.239658</b> | <b>.0439287</b> | <b>.0426173</b> |
| #2 | <b>.0208091</b> | <b>2.046736</b> | <b>.0420143</b> | <b>.0103335</b> | <b>1.841850</b> | <b>.0371987</b> | <b>.0431803</b> |
| #3 | <b>.0219539</b> | <b>2.092446</b> | <b>.0429100</b> | <b>.0102693</b> | <b>1.758594</b> | <b>.0395927</b> | <b>.0430011</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.040148</b> | <b>.0180106</b> | <b>.1004342</b> | <b>.2075681</b> | <b>.0152146</b> | <b>.3955090</b> | <b>.0376366</b> |
| Stddev | .067818         | .0011402        | .0002774        | .0009677        | .0027332        | .0035915        | .0023343        |
| %RSD   | 3.324183        | 6.330516        | .2762443        | .4662116        | 17.96436        | .9080738        | 6.202136        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2.000697</b> | <b>.0172500</b> | <b>.1006263</b> | <b>.2064583</b> | <b>.0182082</b> | <b>.3971843</b> | <b>.0381722</b> |
| #2 | <b>2.001289</b> | <b>.0174602</b> | <b>.1001161</b> | <b>.2082358</b> | <b>.0128522</b> | <b>.3913859</b> | <b>.0396565</b> |
| #3 | <b>2.118457</b> | <b>.0193215</b> | <b>.1005601</b> | <b>.2080102</b> | <b>.0145834</b> | <b>.3979567</b> | <b>.0350811</b> |

Sample Name: CRI01      Acquired: 03/22/2019 16:43:58      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0402144</b> | <b>.0188940</b> | <b>.0213355</b> |
| Stddev | .0021087        | .0015158        | .0000599        |
| %RSD   | 5.243696        | 8.022363        | .2805479        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0396274</b> | <b>.0171951</b> | <b>.0212688</b> |
| #2 | <b>.0384614</b> | <b>.0193791</b> | <b>.0213844</b> |
| #3 | <b>.0425544</b> | <b>.0201079</b> | <b>.0213534</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2252.603</b> | <b>2621.786</b> | <b>51817.88</b> | <b>5440.942</b> | <b>3940.550</b> |
| Stddev    | 11.401          | 3.788           | 171.63          | 39.443          | 9.006           |
| %RSD      | .5061168        | .1444639        | .3312183        | .7249380        | .2285549        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2241.257</b> | <b>2617.637</b> | <b>51622.40</b> | <b>5414.075</b> | <b>3930.266</b> |
| #2 | <b>2252.494</b> | <b>2625.057</b> | <b>51887.37</b> | <b>5486.225</b> | <b>3947.034</b> |
| #3 | <b>2264.058</b> | <b>2622.664</b> | <b>51943.87</b> | <b>5422.525</b> | <b>3944.350</b> |

Sample Name: ICSA01      Acquired: 03/22/2019 16:47:50      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.004976</b> | <b>-.011444</b> | <b>.0006202</b> | <b>.0179062</b> | <b>.0051342</b> | <b>275.9418</b> |
| Stddev | .008223         | .002326         | .0022438        | .0019199        | .0016653        | .3845           |
| %RSD   | 165.2516        | 20.32567        | 361.7794        | 10.72200        | 32.43644        | .1393313        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .003961  | -.013349 | -.000094 | .0165335 | .0058884 | 276.2556 |
| #2 | -.012222 | -.012132 | -.001180 | .0201002 | .0062890 | 275.5129 |
| #3 | -.006667 | -.008852 | .003134  | .0170851 | .0032252 | 276.0568 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0060821</b> | <b>.0010071</b> | <b>.0000143</b> | <b>262.1945</b> | <b>.0506257</b> | <b>.0018253</b> |
| Stddev | .0003911        | .0000549        | .0001058        | 1.2045          | .0006778        | .0004880        |
| %RSD   | 6.429706        | 5.448081        | 742.5034        | .4593934        | 1.338786        | 26.73366        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0056628 | .0010112 | .0000593 | 262.9230 | .0513845 | .0022647 |
| #2 | .0064370 | .0009503 | .0000901 | 260.8042 | .0504126 | .0019109 |
| #3 | .0061465 | .0010598 | -.000107 | 262.8563 | .0500801 | .0013001 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0143111</b> | <b>105.0848</b> | <b>.0157860</b> | <b>277.7189</b> | <b>.0003752</b> | <b>.0043445</b> |
| Stddev | .0025809        | .6030           | .0018114        | .9141           | .0006595        | .0001661        |
| %RSD   | 18.03447        | .5737832        | 11.47471        | .3291342        | 175.7600        | 3.822942        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0167292 | 105.6689 | .0168639 | 278.2921 | -.000366 | .0041799 |
| #2 | .0115935 | 104.4646 | .0167994 | 276.6648 | .000898  | .0043416 |
| #3 | .0146104 | 105.1209 | .0136947 | 278.1999 | .000593  | .0045120 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3369427</b> | <b>.0030642</b> | <b>.0012907</b> | <b>-.261702</b> | <b>-.011557</b> | <b>-.075747</b> |
| Stddev | .0652587        | .0061831        | .0008229        | .026074         | .001084         | .003743         |
| %RSD   | 19.36791        | 201.7838        | 63.75914        | 9.963121        | 9.375539        | 4.941130        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4120682 | .0009999 | .0022347 | -.237687 | -.012720 | -.079344 |
| #2 | .2942985 | -.001823 | .0009126 | -.289435 | -.011374 | -.076024 |
| #3 | .3044613 | .010015  | .0007247 | -.257983 | -.010576 | -.071874 |

Sample Name: ICSA01      Acquired: 03/22/2019 16:47:50      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .0011771 | .0032227 | -.001989 | -.002881 | -.004978 | W .0066248 |
| Stddev | .0002546 | .0059976 | .000308  | .001076  | .001342  | .0018082   |
| %RSD   | 21.63116 | 186.1066 | 15.48552 | 37.35984 | 26.95657 | 27.29374   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0009349 | -.003399 | -.002255 | -.003820 | -.004472 | .0050081 |
| #2 | .0014425 | .004775  | -.002059 | -.001706 | -.006500 | .0062890 |
| #3 | .0011537 | .008291  | -.001651 | -.003118 | -.003964 | .0085773 |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F .1056403 |
| Stddev | .0000624   |
| %RSD   | .0590311   |

|    |          |
|----|----------|
| #1 | .1057021 |
| #2 | .1056414 |
| #3 | .1055774 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2100.131 | 2413.716 | 49434.68 | 5261.558 | 3436.513 |
| Stddev    | 11.631   | 6.222    | 203.07   | 26.109   | 5.918    |
| %RSD      | .5538154 | .2577666 | .4107806 | .4962146 | .1722100 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2112.560 | 2406.611 | 49661.30 | 5232.054 | 3432.251 |
| #2 | 2089.510 | 2418.191 | 49269.23 | 5270.946 | 3443.270 |
| #3 | 2098.323 | 2416.346 | 49373.50 | 5281.675 | 3434.018 |

Sample Name: ICSAB01      Acquired: 03/22/2019 16:51:40      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0984795 | .0998873 | .0524442 | .0656769 | .6272202 | 266.2036 |
| Stddev | .0005866 | .0028306 | .0012877 | .0010213 | .0015112 | .5221    |
| %RSD   | .5956124 | 2.833810 | 2.455423 | 1.555096 | .2409348 | .1961442 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0985969 | .1027389 | .0513138 | .0654895 | .6260699 | 265.9360 |
| #2 | .0989985 | .0970781 | .0521729 | .0667790 | .6266591 | 265.8695 |
| #3 | .0978432 | .0998450 | .0538460 | .0647622 | .6289317 | 266.8053 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5334383 | .5176554 | 1.027512 | 253.4763 | .5591223 | .5218874 |
| Stddev | .0021945 | .0012991 | .003912  | .8780    | .0016593 | .0022354 |
| %RSD   | .4113879 | .2509540 | .3806835 | .3463982 | .2967683 | .4283311 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5358176 | .5167569 | 1.023003 | 253.0422 | .5572210 | .5197910 |
| #2 | .5330039 | .5170644 | 1.029998 | 252.8999 | .5598677 | .5216315 |
| #3 | .5314935 | .5191449 | 1.029535 | 254.4868 | .5602781 | .5242398 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5183354 | 101.5018 | .5317258 | 269.1951 | 1.032962 | .1853953 |
| Stddev | .0022045 | .3034    | .0024465 | .7232    | .002748  | .0007043 |
| %RSD   | .4253073 | .2989495 | .4600957 | .2686618 | .2660657 | .3798918 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5168210 | 101.1515 | .5336056 | 268.5623 | 1.030053 | .1850444 |
| #2 | .5173207 | 101.6855 | .5289597 | 269.9834 | 1.033318 | .1862061 |
| #3 | .5208645 | 101.6683 | .5326120 | 269.0395 | 1.035515 | .1849354 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .1796196 | .5157304 | 1.054811 | -.436126 | F -.012219 | .9603733 |
| Stddev | .3576757 | .0033117 | .006913  | .045504  | .001269    | .0059204 |
| %RSD   | 199.1295 | .6421286 | .6553943 | 10.43367 | 10.38730   | .6164707 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.087762 | .5145600 | 1.062755 | -.443440 | -.013267 | .9573384 |
| #2 | .585913  | .5194683 | 1.051511 | -.387408 | -.012582 | .9565856 |
| #3 | .040707  | .5131628 | 1.050166 | -.477530 | -.010808 | .9671958 |

Sample Name: ICSAB01      Acquired: 03/22/2019 16:51:40      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |            |
|--------|----------|------------|----------|----------|----------|------------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707     |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm        |
| Avg    | 1.035630 | F -.008821 | .9835163 | 1.070738 | 1.018843 | F .0050512 |
| Stddev | .006237  | .006482    | .0049406 | .009503  | .000463  | .0010405   |
| %RSD   | .6022874 | 73.48392   | .5023361 | .8875550 | .0454165 | 20.59829   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.028619 | -.016250 | .9814152 | 1.060386 | 1.018424 | .0038611 |
| #2 | 1.037709 | -.004311 | .9799736 | 1.072759 | 1.018764 | .0055036 |
| #3 | 1.040563 | -.005903 | .9891601 | 1.079068 | 1.019340 | .0057889 |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F .1020985 |
| Stddev | .0002505   |
| %RSD   | .2453557   |

|    |          |
|----|----------|
| #1 | .1021647 |
| #2 | .1018215 |
| #3 | .1023092 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2111.272 | 2422.710 | 49725.96 | 5224.669 | 3454.695 |
| Stddev    | 11.028   | 3.396    | 81.05    | 12.185   | 4.619    |
| %RSD      | .5223205 | .1401596 | .1629874 | .2332179 | .1336910 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2098.626 | 2421.949 | 49659.37 | 5222.114 | 3456.921 |
| #2 | 2116.298 | 2419.759 | 49702.32 | 5237.929 | 3449.385 |
| #3 | 2118.891 | 2426.421 | 49816.20 | 5213.964 | 3457.778 |

Sample Name: CCV01      Acquired: 03/22/2019 16:55:21      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.000202 | 4.974005 | 4.941938 | 5.017924 | 5.005073 | 9.944618 | 10.10609 |
| Stddev | .020372  | .006952  | .010377  | .014915  | .004810  | .009002  | .02912   |
| %RSD   | .4074198 | .1397740 | .2099853 | .2972354 | .0960997 | .0905223 | .2881701 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.000693 | 4.974323 | 4.934907 | 5.012002 | 5.009661 | 9.952893 | 10.10274 |
| #2 | 4.979589 | 4.966898 | 4.937052 | 5.006880 | 5.000068 | 9.935032 | 10.13675 |
| #3 | 5.020323 | 4.980792 | 4.953857 | 5.034891 | 5.005491 | 9.945928 | 10.07879 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2509633 | 2.489370 | 24.86839 | 1.000525 | 2.471708 | 1.256350 | 4.992295 |
| Stddev | .0001573 | .005685  | .08973   | .003454  | .002908  | .015031  | .031440  |
| %RSD   | .0626806 | .2283852 | .3608344 | .3451724 | .1176601 | 1.196397 | .6297606 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2510990 | 2.486721 | 24.82018 | .996565  | 2.470246 | 1.268401 | 4.964949 |
| #2 | .2509999 | 2.485493 | 24.81307 | 1.002096 | 2.469821 | 1.261143 | 4.985288 |
| #3 | .2507909 | 2.495896 | 24.97192 | 1.002913 | 2.475057 | 1.239508 | 5.026646 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.491338 | 24.78075 | 2.486111 | 1.233389 | 25.12636 | 2.499511 | 2.502452 |
| Stddev | .021664  | .34144   | .004878  | .001960  | .15574   | .026277  | .009836  |
| %RSD   | .8695726 | 1.377858 | .1961904 | .1589373 | .6198465 | 1.051288 | .3930491 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.474497 | 24.88561 | 2.480832 | 1.231556 | 25.13687 | 2.478020 | 2.491271 |
| #2 | 2.483740 | 24.39917 | 2.487049 | 1.235456 | 25.27658 | 2.491708 | 2.509767 |
| #3 | 2.515778 | 25.05747 | 2.490450 | 1.233153 | 24.96563 | 2.528806 | 2.506319 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.82155 | 4.966572 | 4.959836 | 4.986186 | 4.937455 | 4.964019 | 4.963485 |
| Stddev | .08606   | .004131  | .015194  | .016105  | .008491  | .018660  | .010817  |
| %RSD   | .3467222 | .0831747 | .3063375 | .3229950 | .1719695 | .3759123 | .2179292 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.81592 | 4.962988 | 4.943013 | 4.989353 | 4.933007 | 4.943554 | 4.951553 |
| #2 | 24.91029 | 4.965638 | 4.972559 | 4.968733 | 4.932113 | 4.968414 | 4.966253 |
| #3 | 24.73845 | 4.971090 | 4.963935 | 5.000473 | 4.947246 | 4.980090 | 4.972649 |

Sample Name: CCV01      Acquired: 03/22/2019 16:55:21      Type: Unk  
 Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>4.984216</b> | <b>4.978166</b> | <b>5.046698</b> |
| Stddev | .004803         | .011595         | .007107         |
| %RSD   | .0963712        | .2329263        | .1408261        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>4.988384</b> | <b>4.977026</b> | <b>5.049839</b> |
| #2 | <b>4.978963</b> | <b>4.990289</b> | <b>5.051694</b> |
| #3 | <b>4.985302</b> | <b>4.967183</b> | <b>5.038562</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2189.085</b> | <b>2525.644</b> | <b>51007.72</b> | <b>5316.120</b> | <b>3754.480</b> |
| Stddev    | 6.269           | 4.434           | 254.36          | 20.950          | 2.458           |
| %RSD      | .2863841        | .1755515        | .4986666        | .3940798        | .0654591        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2183.407</b> | <b>2523.343</b> | <b>50718.05</b> | <b>5292.200</b> | <b>3756.322</b> |
| #2 | <b>2188.036</b> | <b>2530.755</b> | <b>51110.52</b> | <b>5331.205</b> | <b>3755.429</b> |
| #3 | <b>2195.813</b> | <b>2522.833</b> | <b>51194.59</b> | <b>5324.955</b> | <b>3751.690</b> |

Sample Name: LLCCV01      Acquired: 03/22/2019 16:58:53      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: LLCCV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0162197 | .0406792 | .0122489 | .0220899 | .0579261 | .1086883 | .1098254 |
| Stddev | .0017777 | .0004905 | .0003116 | .0006840 | .0004538 | .0096631 | .0004457 |
| %RSD   | 10.96030 | 1.205779 | 2.544197 | 3.096257 | .7833823 | 8.890656 | .4058306 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0166843 | .0401219 | .0125298 | .0223047 | .0575799 | .0975495 | .1096798 |
| #2 | .0142558 | .0408703 | .0123033 | .0213243 | .0584398 | .1136896 | .1103257 |
| #3 | .0177189 | .0410454 | .0119137 | .0226407 | .0577585 | .1148256 | .1094707 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0067302 | .0064243 | 2.160173 | .0109382 | .0311575 | .0208123 | .1034629 |
| Stddev | .0000141 | .0000523 | .019047  | .0002885 | .0002782 | .0032413 | .0324883 |
| %RSD   | .2098014 | .8144389 | .8817282 | 2.637496 | .8928146 | 15.57374 | 31.40088 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0067464 | .0063748 | 2.151449 | .0112157 | .0314224 | .0236293 | .0795425 |
| #2 | .0067202 | .0064190 | 2.182019 | .0106399 | .0308677 | .0172698 | .0903962 |
| #3 | .0067241 | .0064791 | 2.147051 | .0109590 | .0311822 | .0215378 | .1404501 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0223406 | 2.078162 | .0437732 | .0104869 | 1.976490 | .0389973 | .0432462 |
| Stddev | .0006084 | .099209  | .0002279 | .0006000 | .367249  | .0029969 | .0000935 |
| %RSD   | 2.723532 | 4.773875 | .5206115 | 5.721091 | 18.58085 | 7.684992 | .2162645 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0216665 | 1.965765 | .0439392 | .0097967 | 2.009287 | .0390200 | .0432980 |
| #2 | .0225061 | 2.153535 | .0435134 | .0107807 | 1.593943 | .0359891 | .0431382 |
| #3 | .0228491 | 2.115185 | .0438671 | .0108834 | 2.326240 | .0419829 | .0433023 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.074423 | .0171345 | .1117388 | .2109711 | .0197516 | .4027502 | .0402101 |
| Stddev | .076560  | .0021405 | .0001796 | .0002325 | .0027571 | .0011881 | .0012812 |
| %RSD   | 3.690669 | 12.49241 | .1607526 | .1101997 | 13.95889 | .2949884 | 3.186343 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.052618 | .0195389 | .1116353 | .2107739 | .0211713 | .4029359 | .0416122 |
| #2 | 2.159520 | .0164280 | .1116348 | .2112275 | .0215095 | .4014803 | .0399177 |
| #3 | 2.011131 | .0154365 | .1119462 | .2109120 | .0165739 | .4038345 | .0391003 |

Sample Name: LLCCV01      Acquired: 03/22/2019 16:58:53      Type: Unk  
 Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1: LLCCV01      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0411622 | .0207154 | .0215368 |
| Stddev | .0024153 | .0013908 | .0000203 |
| %RSD   | 5.867765 | 6.714049 | .0942027 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0396815 | .0191110 | .0215585 |
| #2 | .0439494 | .0214542 | .0215184 |
| #3 | .0398558 | .0215808 | .0215334 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2242.300 | 2596.373 | 51599.37 | 5378.042 | 3901.112 |
| Stddev    | 8.831    | 5.634    | 166.01   | 13.498   | 1.911    |
| %RSD      | .3938365 | .2170097 | .3217348 | .2509869 | .0489964 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2232.514 | 2590.228 | 51466.85 | 5362.525 | 3898.913 |
| #2 | 2244.709 | 2601.297 | 51785.59 | 5384.525 | 3902.380 |
| #3 | 2249.676 | 2597.593 | 51545.68 | 5387.075 | 3902.042 |

Sample Name: CCB01      Acquired: 03/22/2019 17:02:47      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CB01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001522</b> | <b>-.000373</b> | <b>-.000532</b> | <b>.0017274</b> | <b>.0006617</b> | <b>.0030559</b> | <b>.0005159</b> |
| Stddev | .005862         | .002275         | .001583         | .0018071        | .0011816        | .0085879        | .0007244        |
| %RSD   | 385.2738        | 610.1842        | 297.2333        | 104.6119        | 178.5697        | 281.0261        | 140.4194        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.006871</b> | <b>.001807</b>  | <b>-.002199</b> | <b>.0033702</b> | <b>-.000591</b> | <b>.0103873</b> | <b>.0004811</b> |
| #2 | <b>.004745</b>  | <b>-.002732</b> | <b>.000950</b>  | <b>.0020202</b> | <b>.001756</b>  | <b>-.006392</b> | <b>.0012570</b> |
| #3 | <b>-.002439</b> | <b>-.000194</b> | <b>-.000348</b> | <b>-.000208</b> | <b>.000820</b>  | <b>.005173</b>  | <b>-.000190</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000006</b> | <b>.0000353</b> | <b>.0117991</b> | <b>-.000061</b> | <b>.0000342</b> | <b>.0048644</b> | <b>.0141857</b> |
| Stddev | .000050         | .0000523        | .0065565        | .000406         | .0001908        | .0036629        | .0076958        |
| %RSD   | 785.7813        | 148.2014        | 55.56768        | 669.6736        | 558.5828        | 75.29920        | 54.25001        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000064</b> | <b>-.000025</b> | <b>.0053201</b> | <b>.000387</b>  | <b>-.000103</b> | <b>.0079822</b> | <b>.0092905</b> |
| #2 | <b>.000029</b>  | <b>.000062</b>  | <b>.0184304</b> | <b>-.000404</b> | <b>.000252</b>  | <b>.0057806</b> | <b>.0102106</b> |
| #3 | <b>.000016</b>  | <b>.000069</b>  | <b>.0116467</b> | <b>-.000165</b> | <b>-.000047</b> | <b>.0008304</b> | <b>.0230562</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000387</b> | <b>-.019369</b> | <b>-.000349</b> | <b>.0001442</b> | <b>-.086120</b> | <b>.0025953</b> | <b>-.000510</b> |
| Stddev | .0021140        | .012373         | .000446         | .0000641        | .093330         | .0035301        | .000107         |
| %RSD   | 5463.358        | 63.87855        | 127.7525        | 44.44777        | 108.3722        | 136.0180        | 20.96430        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0022676</b> | <b>-.005262</b> | <b>-.000627</b> | <b>.0000727</b> | <b>-.136597</b> | <b>.0066195</b> | <b>-.000423</b> |
| #2 | <b>-.000214</b> | <b>-.024469</b> | <b>-.000587</b> | <b>.0001966</b> | <b>-.143339</b> | <b>.0000208</b> | <b>-.000629</b> |
| #3 | <b>-.001938</b> | <b>-.028377</b> | <b>.000166</b>  | <b>.0001633</b> | <b>.021578</b>  | <b>.0011458</b> | <b>-.000477</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0173509</b> | <b>-.001834</b> | <b>.0028924</b> | <b>-.000399</b> | <b>-.003716</b> | <b>.0004278</b> | <b>-.001471</b> |
| Stddev | .0547987        | .003750         | .0014484        | .000089         | .000819         | .0008644        | .000802         |
| %RSD   | 315.8261        | 204.5005        | 50.07554        | 22.28497        | 22.04779        | 202.0624        | 54.53532        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.045924</b> | <b>-.004530</b> | <b>.0042649</b> | <b>-.000498</b> | <b>-.004661</b> | <b>.0013694</b> | <b>-.000670</b> |
| #2 | <b>.048635</b>  | <b>-.003419</b> | <b>.0013785</b> | <b>-.000327</b> | <b>-.003284</b> | <b>.0002438</b> | <b>-.002275</b> |
| #3 | <b>.049342</b>  | <b>.002449</b>  | <b>.0030339</b> | <b>-.000372</b> | <b>-.003204</b> | <b>-.000330</b> | <b>-.001470</b> |

Sample Name: CCB01      Acquired: 03/22/2019 17:02:47      Type: Unk  
 Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1: CB01      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000260</b> | <b>-.000201</b> | <b>.0000138</b> |
| Stddev | .001738         | .000685         | .0000152        |
| %RSD   | 669.0513        | 340.1995        | 110.3940        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.001174</b> | <b>-.000317</b> | <b>.0000045</b> |
| #2 | <b>.001744</b>  | <b>.000534</b>  | <b>.0000055</b> |
| #3 | <b>-.001349</b> | <b>-.000821</b> | <b>.0000314</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2218.310</b> | <b>2586.160</b> | <b>51222.30</b> | <b>5363.458</b> | <b>3859.892</b> |
| Stddev    | 11.311          | 4.103           | 370.88          | 29.076          | 8.333           |
| %RSD      | .5099032        | .1586359        | .7240604        | .5421058        | .2158924        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2219.585</b> | <b>2585.634</b> | <b>51071.82</b> | <b>5330.100</b> | <b>3864.238</b> |
| #2 | <b>2206.416</b> | <b>2590.500</b> | <b>50950.31</b> | <b>5383.425</b> | <b>3865.154</b> |
| #3 | <b>2228.930</b> | <b>2582.346</b> | <b>51644.78</b> | <b>5376.850</b> | <b>3850.284</b> |

Sample Name: LR CHECK 1      Acquired: 03/22/2019 17:06:16      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.120887</b> | <b>-.166526</b> | <b>.0321439</b> | <b>.1307070</b> | <b>.0491101</b> | <b>2027.450</b> | <b>.0073497</b> |
| Stddev | .008483         | .005120         | .0062748        | .0039281        | .0031570        | 34.659          | .0018379        |
| %RSD   | 7.017066        | 3.074744        | 19.52106        | 3.005264        | 6.428435        | 1.709478        | 25.00661        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.126010</b> | <b>-.172393</b> | <b>.0249543</b> | <b>.1316764</b> | <b>.0518050</b> | <b>1992.399</b> | <b>.0094549</b> |
| #2 | <b>-.111096</b> | <b>-.164228</b> | <b>.0365171</b> | <b>.1340597</b> | <b>.0498886</b> | <b>2028.247</b> | <b>.0065294</b> |
| #3 | <b>-.125555</b> | <b>-.162958</b> | <b>.0349604</b> | <b>.1263850</b> | <b>.0456367</b> | <b>2061.703</b> | <b>.0060648</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0091417</b> | <b>.0095371</b> | <b>1959.050</b> | <b>-.074604</b> | <b>.1041620</b> | <b>.1131246</b> | <b>972.9864</b> |
| Stddev | .0000325        | .0005623        | 11.136          | .001330         | .0007161        | .0008515        | 7.7511          |
| %RSD   | .3549762        | 5.895939        | .5684421        | 1.783291        | .6875276        | .7526858        | .7966270        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0091128</b> | <b>.0101489</b> | <b>1946.291</b> | <b>-.073077</b> | <b>.1047418</b> | <b>.1130366</b> | <b>966.3454</b> |
| #2 | <b>.0091768</b> | <b>.0094193</b> | <b>1964.052</b> | <b>-.075220</b> | <b>.1043826</b> | <b>.1123206</b> | <b>971.1105</b> |
| #3 | <b>.0091355</b> | <b>.0090430</b> | <b>1966.809</b> | <b>-.075514</b> | <b>.1033615</b> | <b>.1140167</b> | <b>981.5032</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0060708</b> | <b>1817.776</b> | <b>.0575249</b> | <b>.0274841</b> | <b>1709.331</b> | <b>.0141757</b> | <b>.1245894</b> |
| Stddev | .0024198        | 2.757           | .0018431        | .0012140        | 9.195           | .0050817        | .0007359        |
| %RSD   | 39.85901        | .1516560        | 3.203931        | 4.417269        | .5379017        | 35.84800        | .5906442        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0039436</b> | <b>1817.244</b> | <b>.0561296</b> | <b>.0263735</b> | <b>1698.889</b> | <b>.0186234</b> | <b>.1253012</b> |
| #2 | <b>.0055654</b> | <b>1820.760</b> | <b>.0568309</b> | <b>.0272986</b> | <b>1716.214</b> | <b>.0152665</b> | <b>.1238316</b> |
| #3 | <b>.0087033</b> | <b>1815.324</b> | <b>.0596142</b> | <b>.0287802</b> | <b>1712.892</b> | <b>.0086371</b> | <b>.1246354</b> |

|        |                 |                 |                |                 |                 |                 |                 |
|--------|-----------------|-----------------|----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496         | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm            | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>908.3717</b> | <b>-.031587</b> | <b>^ *****</b> | <b>.0051751</b> | <b>.2240721</b> | <b>-.036245</b> | <b>.0139319</b> |
| Stddev | 3.6116          | .012792         | -----          | .0001012        | .0105377        | .002597         | .0058585        |
| %RSD   | .3975901        | 40.49609        | -----          | 1.955663        | 4.702799        | 7.165719        | 42.05104        |

|    |                 |                 |                |                 |                 |                 |                 |
|----|-----------------|-----------------|----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>904.2188</b> | <b>-.024827</b> | <b>^ -----</b> | <b>.0051074</b> | <b>.2262860</b> | <b>-.033930</b> | <b>.0206458</b> |
| #2 | <b>910.7780</b> | <b>-.023593</b> | <b>^ -----</b> | <b>.0051265</b> | <b>.2126034</b> | <b>-.035750</b> | <b>.0098577</b> |
| #3 | <b>910.1183</b> | <b>-.046340</b> | <b>^ -----</b> | <b>.0052915</b> | <b>.2333269</b> | <b>-.039054</b> | <b>.0112921</b> |

Sample Name: LR CHECK 1      Acquired: 03/22/2019 17:06:16      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.065940</b> | <b>.0477955</b> | <b>.0162633</b> |
| Stddev | .004172         | .0005478        | .0000107        |
| %RSD   | 6.326964        | 1.146173        | .0656822        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.068011</b> | <b>.0484040</b> | <b>.0162641</b> |
| #2 | <b>-.068671</b> | <b>.0476412</b> | <b>.0162735</b> |
| #3 | <b>-.061138</b> | <b>.0473415</b> | <b>.0162522</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1833.893</b> | <b>2024.706</b> | <b>44328.99</b> | <b>4793.290</b> | <b>2554.250</b> |
| Stddev    | 8.104           | 6.385           | 113.60          | 34.682          | 5.912           |
| %RSD      | .4419058        | .3153392        | .2562552        | .7235604        | .2314424        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1833.558</b> | <b>2028.793</b> | <b>44243.74</b> | <b>4833.067</b> | <b>2556.538</b> |
| #2 | <b>1842.159</b> | <b>2027.976</b> | <b>44457.95</b> | <b>4777.429</b> | <b>2558.676</b> |
| #3 | <b>1825.961</b> | <b>2017.348</b> | <b>44285.29</b> | <b>4769.375</b> | <b>2547.537</b> |

Sample Name: LR CHECK 2      Acquired: 03/22/2019 17:10:21      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.002820</b> | <b>.0249663</b> | <b>245.4389</b> | <b>-.003760</b> | <b>-.014410</b> | <b>.1023126</b> | <b>99.39964</b> |
| Stddev | .002912         | .0060425        | .2346           | .003650         | .000674         | .0060859        | .29139          |
| %RSD   | 103.2577        | 24.20276        | .0955855        | 97.04990        | 4.674631        | 5.948295        | .2931469        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000296  | .0248789 | 245.6739 | .000400  | -.014572 | .1033807 | 99.07107 |
| #2 | -.005471 | .0189679 | 245.2047 | -.005263 | -.014987 | .1077937 | 99.62665 |
| #3 | -.003285 | .0310520 | 245.4382 | -.006419 | -.013670 | .0957634 | 99.50121 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.002351</b> | <b>.0000936</b> | <b>.3575359</b> | <b>-.168120</b> | <b>-.022261</b> | <b>249.9353</b> | <b>-.650174</b> |
| Stddev | .000041         | .0000865        | .0039737        | .001102         | .000269         | .5880           | .018325         |
| %RSD   | 1.738603        | 92.40964        | 1.111420        | .6555461        | 1.206866        | .2352484        | 2.818424        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002311 | .0000503 | .3553861 | -.167259 | -.022058 | 249.6144 | -.639873 |
| #2 | -.002393 | .0001932 | .3621214 | -.169362 | -.022566 | 250.6139 | -.671331 |
| #3 | -.002351 | .0000373 | .3551001 | -.167738 | -.022159 | 249.5775 | -.639318 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>40.71910</b> | <b>.1206051</b> | <b>50.79202</b> | <b>.0022822</b> | <b>.3291632</b> | <b>.0618015</b> | <b>36.07343</b> |
| Stddev | .30883          | .0899254        | .07072          | .0005324        | .1814663        | .0041734        | .09799          |
| %RSD   | .7584390        | 74.56184        | .1392248        | 23.32812        | 55.12959        | 6.752913        | .2716358        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 40.55960 | .2045683 | 50.86140 | .0024683 | .4238209 | .0607523 | 35.96095 |
| #2 | 40.52264 | .1315310 | 50.72004 | .0016817 | .1199394 | .0582528 | 36.14024 |
| #3 | 41.07507 | .0257160 | 50.79461 | .0026965 | .4437292 | .0663994 | 36.11911 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.719266</b> | <b>-1.55005</b> | <b>-.004623</b> | <b>-.038923</b> | <b>-.601444</b> | <b>.0105212</b> | <b>-.004642</b> |
| Stddev | .010314         | .00407          | .001231         | .000197         | .009243         | .0007675        | .000562         |
| %RSD   | 1.433997        | .2623798        | 26.63357        | .5073053        | 1.536859        | 7.294793        | 12.10658        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.708595 | -1.55033 | -.006035 | -.038713 | -.593996 | .0103562 | -.004021 |
| #2 | -.720022 | -1.55397 | -.003771 | -.038951 | -.598547 | .0113577 | -.004791 |
| #3 | -.729182 | -1.54585 | -.004064 | -.039105 | -.611789 | .0098495 | -.005115 |

Sample Name: LR CHECK 2      Acquired: 03/22/2019 17:10:21      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0014735</b> | <b>-.005979</b> | <b>.0018396</b> |
| Stddev | .0018812        | .001580         | .0001149        |
| %RSD   | 127.6661        | 26.42868        | 6.246780        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0011692</b> | <b>-.005855</b> | <b>.0018125</b> |
| #2 | <b>-.000237</b> | <b>-.007617</b> | <b>.0019656</b> |
| #3 | <b>.003488</b>  | <b>-.004464</b> | <b>.0017407</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2238.184</b> | <b>2296.936</b> | <b>53325.48</b> | <b>5521.089</b> | <b>3893.506</b> |
| Stddev    | 2.937           | 11.512          | 231.92          | 18.099          | 7.605           |
| %RSD      | .1312307        | .5011695        | .4349066        | .3278113        | .1953149        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2237.812</b> | <b>2310.219</b> | <b>53333.67</b> | <b>5540.877</b> | <b>3901.918</b> |
| #2 | <b>2235.450</b> | <b>2290.742</b> | <b>53089.57</b> | <b>5505.373</b> | <b>3891.480</b> |
| #3 | <b>2241.289</b> | <b>2289.849</b> | <b>53553.19</b> | <b>5517.018</b> | <b>3887.119</b> |

Sample Name: K1941-07      Acquired: 03/22/2019 17:15:26      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2946423</b> | <b>-.035314</b> | <b>.1382704</b> | <b>.0866696</b> | <b>.0180337</b> | <b>93.26936</b> | <b>.1852241</b> |
| Stddev | .0015009        | .004866         | .0021266        | .0019649        | .0033770        | .18893          | .0003445        |
| %RSD   | .5094048        | 13.78011        | 1.537983        | 2.267141        | 18.72634        | .2025669        | .1859718        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2940600 | -.039390 | .1400309 | .0876905 | .0199963 | 93.08178 | .1849441 |
| #2 | .2935199 | -.036626 | .1388725 | .0844044 | .0199705 | 93.26669 | .1851195 |
| #3 | .2963472 | -.029926 | .1359076 | .0879139 | .0141342 | 93.45961 | .1856087 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0153178</b> | <b>.0035284</b> | <b>6.973280</b> | <b>.9342531</b> | <b>.0470745</b> | <b>.0863843</b> | <b>441.2127</b> |
| Stddev | .0001667        | .0002523        | .035423         | .0010871        | .0009972        | .0022416        | 1.2964          |
| %RSD   | 1.088279        | 7.150002        | .5079761        | .1163579        | 2.118401        | 2.594941        | .2938374        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0151482 | .0036970 | 6.941630 | .9339040 | .0465542 | .0840726 | 440.1546 |
| #2 | .0153239 | .0032384 | 7.011543 | .9333835 | .0482243 | .0865317 | 440.8247 |
| #3 | .0154814 | .0036498 | 6.966668 | .9354718 | .0464451 | .0885486 | 442.6589 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.6917186</b> | <b>9.579060</b> | <b>.0406869</b> | <b>.0142652</b> | <b>2.568755</b> | <b>1.044892</b> | <b>.3819299</b> |
| Stddev | .0013736        | .088479         | .0002968        | .0003877        | .043642         | .010074         | .0030784        |
| %RSD   | .1985735        | .9236707        | .7293796        | 2.718110        | 1.698950        | .9640806        | .8059990        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6904204 | 9.662000 | .0404850 | .0138210 | 2.609534 | 1.053228 | .3844619 |
| #2 | .6915786 | 9.485926 | .0410276 | .0145358 | 2.522726 | 1.047750 | .3828245 |
| #3 | .6931568 | 9.589255 | .0405482 | .0144387 | 2.574006 | 1.033699 | .3785034 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>21.99833</b> | <b>5.788151</b> | <b>-.132872</b> | <b>.0003865</b> | <b>1.227416</b> | <b>3.384985</b> | <b>.0065812</b> |
| Stddev | .12393          | .005456         | .004128         | .0002465        | .000775         | .018898         | .0003563        |
| %RSD   | .5633495        | .0942664        | 3.106686        | 63.78249        | .0631429        | .5583005        | 5.414230        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 21.87414 | 5.791642 | -.129187 | .0004111 | 1.228025 | 3.371054 | .0063541 |
| #2 | 21.99886 | 5.781864 | -.132095 | .0001286 | 1.226544 | 3.377404 | .0069919 |
| #3 | 22.12199 | 5.790949 | -.137333 | .0006197 | 1.227679 | 3.406497 | .0063977 |

Sample Name: K1941-07      Acquired: 03/22/2019 17:15:26      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.6644841</b> | <b>.0157712</b> | <b>.0940041</b> |
| Stddev | .0049268        | .0013590        | .0001994        |
| %RSD   | .7414511        | 8.616680        | .2121005        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.6629422</b> | <b>.0172361</b> | <b>.0940828</b> |
| #2 | <b>.6605126</b> | <b>.0155259</b> | <b>.0937774</b> |
| #3 | <b>.6699974</b> | <b>.0145516</b> | <b>.0941522</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2486.346</b> | <b>2884.990</b> | <b>58522.78</b> | <b>6205.418</b> | <b>3776.944</b> |
| Stddev    | 16.357          | 5.764           | 238.74          | 14.088          | 4.819           |
| %RSD      | .6578763        | .1997944        | .4079517        | .2270200        | .1275959        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2475.185 | 2878.908 | 58249.28 | 6216.963 | 3782.507 |
| #2 | 2478.730 | 2890.373 | 58689.43 | 6189.721 | 3774.020 |
| #3 | 2505.122 | 2885.689 | 58629.65 | 6209.570 | 3774.306 |

Sample Name: K1941-07DUP      Acquired: 03/22/2019 17:20:12      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2897840</b> | <b>-.035422</b> | <b>.1246842</b> | <b>.0816438</b> | <b>.0141067</b> | <b>92.96435</b> | <b>.1848361</b> |
| Stddev | .0055081        | .004266         | .0036955        | .0011867        | .0015390        | .17783          | .0014278        |
| %RSD   | 1.900766        | 12.04402        | 2.963855        | 1.453509        | 10.90993        | .1912927        | .7724595        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2837304 | -.038445 | .1264954 | .0804191 | .0130182 | 92.88991 | .1853422 |
| #2 | .2911213 | -.030542 | .1271247 | .0827884 | .0134344 | 93.16730 | .1832241 |
| #3 | .2945004 | -.037279 | .1204326 | .0817241 | .0158675 | 92.83583 | .1859418 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0151556</b> | <b>.0036421</b> | <b>6.979529</b> | <b>.9265697</b> | <b>.0469221</b> | <b>.0843570</b> | <b>441.2009</b> |
| Stddev | .0002483        | .0001553        | .102078         | .0028979        | .0003880        | .0036555        | 1.9188          |
| %RSD   | 1.638377        | 4.264775        | 1.462537        | .3127590        | .8269289        | 4.333341        | .4348955        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0153984 | .0036220 | 6.928637 | .9265765 | .0473315 | .0855858 | 440.6727 |
| #2 | .0151664 | .0034979 | 7.097048 | .9236683 | .0465598 | .0872397 | 443.3284 |
| #3 | .0149021 | .0038066 | 6.912902 | .9294642 | .0468751 | .0802454 | 439.6015 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.6926053</b> | <b>9.595870</b> | <b>.0396669</b> | <b>.0146092</b> | <b>2.211963</b> | <b>1.030367</b> | <b>.3757152</b> |
| Stddev | .0029905        | .096634         | .0006823        | .0001583        | .120903         | .007404         | .0012882        |
| %RSD   | .4317750        | 1.007038        | 1.720131        | 1.083417        | 5.465887        | .7185946        | .3428559        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6926464 | 9.493558 | .0398485 | .0145737 | 2.324839 | 1.030156 | .3744130 |
| #2 | .6955751 | 9.608460 | .0402400 | .0144717 | 2.226673 | 1.037875 | .3769888 |
| #3 | .6895945 | 9.685592 | .0389121 | .0147822 | 2.084378 | 1.023071 | .3757438 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>21.87902</b> | <b>5.757912</b> | <b>-.128813</b> | <b>.0003205</b> | <b>1.221115</b> | <b>3.354316</b> | <b>.0061400</b> |
| Stddev | .09418          | .002683         | .004661         | .0002811        | .010835         | .013278         | .0004440        |
| %RSD   | .4304471        | .0466022        | 3.618316        | 87.71154        | .8873147        | .3958493        | 7.232197        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 21.94800 | 5.754835 | -.134190 | .0005220 | 1.211250 | 3.368474 | .0066022 |
| #2 | 21.91733 | 5.759131 | -.125930 | .0004400 | 1.232712 | 3.352333 | .0057166 |
| #3 | 21.77172 | 5.759769 | -.126319 | -.000001 | 1.219385 | 3.342141 | .0061011 |

Sample Name: K1941-07DUP      Acquired: 03/22/2019 17:20:12      Type: Unk  
 Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.6641751</b> | <b>.0153195</b> | <b>.0935516</b> |
| Stddev | .0025385        | .0006131        | .0002733        |
| %RSD   | .3822039        | 4.002025        | .2921664        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.6614175</b> | <b>.0146404</b> | <b>.0933632</b> |
| #2 | <b>.6646932</b> | <b>.0154858</b> | <b>.0934266</b> |
| #3 | <b>.6664146</b> | <b>.0158323</b> | <b>.0938651</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2496.546</b> | <b>2890.378</b> | <b>58673.61</b> | <b>6234.195</b> | <b>3788.258</b> |
| Stddev    | 5.183           | 2.637           | 135.24          | 30.541          | 6.412           |
| %RSD      | .2076060        | .0912322        | .2304948        | .4898986        | .1692510        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2490.813</b> | <b>2891.274</b> | <b>58563.61</b> | <b>6199.496</b> | <b>3782.229</b> |
| #2 | <b>2500.900</b> | <b>2892.450</b> | <b>58824.60</b> | <b>6246.089</b> | <b>3787.551</b> |
| #3 | <b>2497.926</b> | <b>2887.410</b> | <b>58632.62</b> | <b>6257.000</b> | <b>3794.994</b> |

Sample Name: K1941-07LX5      Acquired: 03/22/2019 17:23:56      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0690467 | -.006747 | .0276043 | .0189547 | .0025515 | 21.32962 | .0418858 |
| Stddev | .0007896 | .001767  | .0021050 | .0024524 | .0009231 | .04761   | .0002770 |
| %RSD   | 1.143573 | 26.19398 | 7.625484 | 12.93830 | 36.17760 | .2232319 | .6614058 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0685775 | -.008735 | .0297760 | .0196517 | .0014945 | 21.36716 | .0419279 |
| #2 | .0699583 | -.005353 | .0255731 | .0162292 | .0031987 | 21.34564 | .0415901 |
| #3 | .0686042 | -.006154 | .0274638 | .0209831 | .0029612 | 21.27606 | .0421393 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0036071 | .0003294 | 1.744555 | .2156760 | .0098372 | .0250877 | 103.1960 |
| Stddev | .0000644 | .0000300 | .022886  | .0007521 | .0001534 | .0030850 | .3698    |
| %RSD   | 1.784637 | 9.101775 | 1.311856 | .3487015 | 1.559796 | 12.29701 | .3583311 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0035333 | .0003639 | 1.770858 | .2160108 | .0097859 | .0250910 | 103.4761 |
| #2 | .0036515 | .0003100 | 1.733614 | .2162024 | .0100098 | .0281711 | 103.3350 |
| #3 | .0036366 | .0003143 | 1.729193 | .2148146 | .0097161 | .0220010 | 102.7768 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1606021 | 2.188147 | .0082681 | .0033259 | .6365902 | .2429601 | .0941968 |
| Stddev | .0018880 | .041305  | .0001714 | .0001694 | .2107740 | .0022168 | .0006037 |
| %RSD   | 1.175566 | 1.887663 | 2.073298 | 5.094186 | 33.10983 | .9123953 | .6408573 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1609191 | 2.173061 | .0082441 | .0033755 | .6177320 | .2454935 | .0948938 |
| #2 | .1623115 | 2.156506 | .0084503 | .0034650 | .4358790 | .2420103 | .0938398 |
| #3 | .1585757 | 2.234874 | .0081099 | .0031372 | .8561596 | .2413766 | .0938569 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.016273 | 1.233985 | -.018438 | -.000241 | .2574794 | .6906058 | -.000713 |
| Stddev | .046018  | .003793  | .001159  | .000232  | .0017687 | .0057330 | .000723  |
| %RSD   | .9173834 | .3074102 | 6.285946 | 96.24770 | .6869216 | .8301390 | 101.3813 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.973790 | 1.236971 | -.017655 | -.000047 | .2593807 | .6898155 | -.001014 |
| #2 | 5.009872 | 1.229716 | -.019770 | -.000179 | .2558831 | .6966930 | .000112  |
| #3 | 5.065156 | 1.235267 | -.017891 | -.000498 | .2571743 | .6853090 | -.001237 |

Sample Name: K1941-07LX5      Acquired: 03/22/2019 17:23:56      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.1513198</b> | <b>.0055361</b> | <b>.0218162</b> |
| Stddev | .0034183        | .0025696        | .0000495        |
| %RSD   | 2.258995        | 46.41477        | .2270688        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.1476358</b> | <b>.0029005</b> | <b>.0218603</b> |
| #2 | <b>.1543890</b> | <b>.0080341</b> | <b>.0217626</b> |
| #3 | <b>.1519347</b> | <b>.0056736</b> | <b>.0218257</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2288.615</b> | <b>2661.726</b> | <b>53071.31</b> | <b>5608.108</b> | <b>3858.742</b> |
| Stddev    | 15.663          | 7.074           | 206.23          | 32.365          | 12.552          |
| %RSD      | .6843975        | .2657523        | .3885887        | .5771136        | .3252781        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2274.502 | 2657.084 | 52869.62 | 5588.875 | 3851.576 |
| #2 | 2305.467 | 2669.868 | 53281.80 | 5589.975 | 3873.235 |
| #3 | 2285.875 | 2658.228 | 53062.53 | 5645.475 | 3851.415 |

Sample Name: K1941-07MS      Acquired: 03/22/2019 17:27:45      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.9321114</b> | <b>1.934454</b> | <b>1.098462</b> | <b>1.588163</b> | <b>.2659467</b> | <b>115.3844</b> | <b>.3643824</b> |
| Stddev | .0041422        | .003757         | .003913         | .003212         | .0031938        | .3943           | .0008443        |
| %RSD   | .4443852        | .1942188        | .3562247        | .2022367        | 1.200922        | .3417046        | .2317032        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9364556 | 1.930871 | 1.096111 | 1.584456 | .2666794 | 115.0413 | .3634075 |
| #2 | .9316723 | 1.938363 | 1.096296 | 1.590101 | .2624502 | 115.2969 | .3648671 |
| #3 | .9282062 | 1.934127 | 1.102979 | 1.589933 | .2687105 | 115.8151 | .3648725 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1913796</b> | <b>.2031376</b> | <b>1.260165</b> | <b>1.273111</b> | <b>.2559682</b> | <b>.3479811</b> | <b>414.9929</b> |
| Stddev | .0004084        | .0005231        | .044402         | .001930         | .0003995        | .0048684        | 2.1554          |
| %RSD   | .2134243        | .2575246        | 3.523505        | .1515772        | .1560774        | 1.399057        | .5193937        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1918449 | .2030488 | 1.257338 | 1.271677 | .2560744 | .3488602 | 414.0308 |
| #2 | .1912134 | .2036994 | 1.305912 | 1.272351 | .2555263 | .3427329 | 413.4860 |
| #3 | .1910805 | .2026645 | 1.217243 | 1.275305 | .2563039 | .3523501 | 417.4618 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8806580</b> | <b>15.21258</b> | <b>.5569285</b> | <b>.0795253</b> | <b>5.316179</b> | <b>1.442610</b> | <b>.5638920</b> |
| Stddev | .0069294        | .22983          | .0005048        | .0005186        | .144243         | .013139         | .0022336        |
| %RSD   | .7868423        | 1.510774        | .0906337        | .6520699        | 2.713279        | .9108114        | .3961106        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8831074 | 15.08003 | .5574853 | .0797883 | 5.173187 | 1.433225 | .5657845 |
| #2 | .8728366 | 15.07975 | .5567993 | .0789280 | 5.461641 | 1.436978 | .5614282 |
| #3 | .8860300 | 15.47796 | .5565008 | .0798597 | 5.313708 | 1.457627 | .5644632 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>43.20444</b> | <b>10.39304</b> | <b>.1785342</b> | <b>.3063057</b> | <b>1.097617</b> | <b>6.097632</b> | <b>.6767759</b> |
| Stddev | .14146          | .00593          | .0031471        | .0005906        | .003911         | .012623         | .0027076        |
| %RSD   | .3274285        | .0570158        | 1.762745        | .1928093        | .3563619        | .2070159        | .4000665        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 43.04615 | 10.39148 | .1775263 | .3061260 | 1.093428 | 6.111545 | .6798823 |
| #2 | 43.24862 | 10.38806 | .1760146 | .3058258 | 1.101173 | 6.094440 | .6755280 |
| #3 | 43.31854 | 10.39960 | .1820618 | .3069653 | 1.098251 | 6.086912 | .6749173 |

Sample Name: K1941-07MS      Acquired: 03/22/2019 17:27:45      Type: Unk  
 Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.057156 | .2079994 | .2296021 |
| Stddev | .007544  | .0005635 | .0007364 |
| %RSD   | .7136213 | .2709057 | .3207201 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.051871 | .2085598 | .2291067 |
| #2 | 1.053801 | .2074329 | .2292513 |
| #3 | 1.065795 | .2080055 | .2304483 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2495.801 | 2896.674 | 58699.72 | 6152.430 | 3771.257 |
| Stddev    | 5.869    | 2.591    | 55.44    | 29.385   | 5.861    |
| %RSD      | .2351732 | .0894303 | .0944393 | .4776163 | .1554054 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2491.653 | 2895.175 | 58734.93 | 6138.233 | 3765.380 |
| #2 | 2493.233 | 2899.666 | 58728.40 | 6132.839 | 3777.101 |
| #3 | 2502.517 | 2895.182 | 58635.82 | 6186.217 | 3771.290 |

Sample Name: K1941-07MSD      Acquired: 03/22/2019 17:31:22      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.9338550</b> | <b>1.937339</b> | <b>1.104108</b> | <b>1.587794</b> | <b>.2671570</b> | <b>115.5198</b> | <b>.3640558</b> |
| Stddev | .0079840        | .004550         | .001511         | .002628         | .0049252        | .1945           | .0009725        |
| %RSD   | .8549485        | .2348663        | .1368368        | .1655186        | 1.843571        | .1683384        | .2671210        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9388456 | 1.942420 | 1.102861 | 1.588399 | .2727754 | 115.6381 | .3631923 |
| #2 | .9246467 | 1.935959 | 1.103675 | 1.584916 | .2651110 | 115.2954 | .3651092 |
| #3 | .9380727 | 1.933639 | 1.105788 | 1.590067 | .2635845 | 115.6259 | .3638658 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1923384</b> | <b>.2030337</b> | <b>.9675227</b> | <b>1.279852</b> | <b>.2566943</b> | <b>.3477998</b> | <b>415.6928</b> |
| Stddev | .0008848        | .0005007        | .1266056        | .003708         | .0009960        | .0010980        | 1.8703          |
| %RSD   | .4600227        | .2465846        | 13.08554        | .2897226        | .3880058        | .3157030        | .4499267        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1933031 | .2032725 | 1.108856 | 1.278098 | .2565752 | .3472511 | 417.3075 |
| #2 | .1915646 | .2024584 | .864488  | 1.284111 | .2557631 | .3470841 | 413.6434 |
| #3 | .1921476 | .2033703 | .929225  | 1.277346 | .2577444 | .3490640 | 416.1276 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8914514</b> | <b>15.26138</b> | <b>.5580217</b> | <b>.0798331</b> | <b>5.293520</b> | <b>1.441276</b> | <b>.5646056</b> |
| Stddev | .0070903        | .19884          | .0011713        | .0007551        | .140307         | .003648         | .0025183        |
| %RSD   | .7953640        | 1.302908        | .2099026        | .9458481        | 2.650545        | .2530919        | .4460238        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8959308 | 15.48621 | .5566869 | .0806768 | 5.157736 | 1.442187 | .5667967 |
| #2 | .8832768 | 15.10864 | .5588780 | .0792207 | 5.437950 | 1.437259 | .5651655 |
| #3 | .8951467 | 15.18930 | .5585001 | .0796017 | 5.284873 | 1.444382 | .5618544 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>43.71651</b> | <b>10.41361</b> | <b>.1755651</b> | <b>.3054211</b> | <b>1.092143</b> | <b>6.170479</b> | <b>.6727178</b> |
| Stddev | .10655          | .01715          | .0040196        | .0018008        | .010935         | .032093         | .0006796        |
| %RSD   | .2437384        | .1646573        | 2.289509        | .5896192        | 1.001227        | .5201079        | .1010288        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 43.65612 | 10.40086 | .1712870 | .3057068 | 1.099572 | 6.206668 | .6734073 |
| #2 | 43.65388 | 10.43311 | .1761452 | .3034946 | 1.097270 | 6.145476 | .6720485 |
| #3 | 43.83954 | 10.40687 | .1792632 | .3070621 | 1.079587 | 6.159292 | .6726975 |

Sample Name: K1941-07MSD      Acquired: 03/22/2019 17:31:22      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>1.057426</b> | <b>.2085027</b> | <b>.2299360</b> |
| Stddev | .004251         | .0008033        | .0006438        |
| %RSD   | .4020370        | .3852925        | .2799835        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>1.052613</b> | <b>.2088606</b> | <b>.2291969</b> |
| #2 | <b>1.060669</b> | <b>.2090648</b> | <b>.2302365</b> |
| #3 | <b>1.058996</b> | <b>.2075826</b> | <b>.2303745</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2495.735</b> | <b>2891.990</b> | <b>58360.93</b> | <b>6091.486</b> | <b>3763.136</b> |
| Stddev    | 9.155           | 5.104           | 240.50          | 41.134          | 7.074           |
| %RSD      | .3668349        | .1764885        | .4120850        | .6752653        | .1879763        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2485.231</b> | <b>2886.099</b> | <b>58168.06</b> | <b>6044.147</b> | <b>3761.625</b> |
| #2 | <b>2499.950</b> | <b>2894.800</b> | <b>58284.33</b> | <b>6118.510</b> | <b>3756.940</b> |
| #3 | <b>2502.023</b> | <b>2895.072</b> | <b>58630.39</b> | <b>6111.800</b> | <b>3770.843</b> |

Sample Name: K1941-07A      Acquired: 03/22/2019 17:34:58      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.9274442</b> | <b>1.923052</b> | <b>1.101976</b> | <b>1.590627</b> | <b>.2695408</b> | <b>115.1616</b> | <b>.3594639</b> |
| Stddev | .0048617        | .011618         | .002804         | .001337         | .0033979        | .2944           | .0005273        |
| %RSD   | .5242040        | .6041289        | .2544833        | .0840788        | 1.260628        | .2556442        | .1466863        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9314675 | 1.935863 | 1.099287 | 1.591292 | .2732827 | 114.8578 | .3599772 |
| #2 | .9220420 | 1.913201 | 1.104883 | 1.589087 | .2686915 | 115.1813 | .3594909 |
| #3 | .9288230 | 1.920091 | 1.101759 | 1.591501 | .2666480 | 115.4456 | .3589237 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1909628</b> | <b>.2022384</b> | <b>.7773723</b> | <b>1.286814</b> | <b>.2582272</b> | <b>.3470509</b> | <b>421.1716</b> |
| Stddev | .0002569        | .0004551        | .0876557        | .002125         | .0004602        | .0034794        | 1.6490          |
| %RSD   | .1345259        | .2250205        | 11.27590        | .1651674        | .1782152        | 1.002551        | .3915355        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1907813 | .2017505 | .7141974 | 1.285173 | .2578187 | .3503488 | 419.6659 |
| #2 | .1908504 | .2023134 | .8774450 | 1.286054 | .2581370 | .3434148 | 420.9151 |
| #3 | .1912567 | .2026513 | .7404746 | 1.289215 | .2587257 | .3473893 | 422.9339 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.9254121</b> | <b>15.24385</b> | <b>.5513720</b> | <b>.0803805</b> | <b>5.027651</b> | <b>1.414540</b> | <b>.5662335</b> |
| Stddev | .0054949        | .08633          | .0005624        | .0002098        | .358966         | .008609         | .0016834        |
| %RSD   | .5937763        | .5663342        | .1020065        | .2610138        | 7.139843        | .6086128        | .2972945        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9206544 | 15.19790 | .5507717 | .0805160 | 5.393468 | 1.412482 | .5681392 |
| #2 | .9241554 | 15.19021 | .5518868 | .0801388 | 5.013534 | 1.423991 | .5656121 |
| #3 | .9314265 | 15.34344 | .5514576 | .0804867 | 4.675952 | 1.407146 | .5649490 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>44.15782</b> | <b>10.40343</b> | <b>.1775097</b> | <b>.3096036</b> | <b>1.081744</b> | <b>4.602065</b> | <b>.6660877</b> |
| Stddev | .09972          | .01366          | .0051730        | .0007359        | .003239         | .004823         | .0010098        |
| %RSD   | .2258265        | .1313405        | 2.914217        | .2376931        | .2994372        | .1048037        | .1515982        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 44.08195 | 10.40579 | .1761469 | .3090571 | 1.079266 | 4.607269 | .6667498 |
| #2 | 44.12074 | 10.38874 | .1731545 | .3093133 | 1.080557 | 4.601180 | .6649255 |
| #3 | 44.27076 | 10.41576 | .1832276 | .3104403 | 1.085409 | 4.597745 | .6665879 |

Sample Name: K1941-07A      Acquired: 03/22/2019 17:34:58      Type: Unk  
 Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.9872464</b> | <b>.2086626</b> | <b>.2259181</b> |
| Stddev | .0036355        | .0008755        | .0004020        |
| %RSD   | .3682414        | .4195768        | .1779530        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.9853679</b> | <b>.2091250</b> | <b>.2263761</b> |
| #2 | <b>.9849345</b> | <b>.2076528</b> | <b>.2256233</b> |
| #3 | <b>.9914368</b> | <b>.2092099</b> | <b>.2257549</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2491.980</b> | <b>2884.744</b> | <b>58646.83</b> | <b>6122.033</b> | <b>3773.870</b> |
| Stddev    | 11.312          | 2.837           | 153.85          | 14.191          | 2.846           |
| %RSD      | .4539437        | .0983377        | .2623289        | .2318041        | .0754174        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2480.333</b> | <b>2884.849</b> | <b>58505.20</b> | <b>6110.068</b> | <b>3772.023</b> |
| #2 | <b>2492.684</b> | <b>2881.856</b> | <b>58624.77</b> | <b>6137.712</b> | <b>3772.439</b> |
| #3 | <b>2502.924</b> | <b>2887.527</b> | <b>58810.51</b> | <b>6118.320</b> | <b>3777.147</b> |

Sample Name: K1974-01      Acquired: 03/22/2019 17:38:35      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0228347</b> | <b>-.020701</b> | <b>1.970035</b> | <b>.0458215</b> | <b>.0088149</b> | <b>133.7673</b> | <b>1.454541</b> |
| Stddev | .0013715        | .005387         | .000662         | .0012446        | .0021900        | .8083           | .008425         |
| %RSD   | 6.006138        | 26.02303        | .0336038        | 2.716089        | 24.84458        | .6042735        | .5792343        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0226874 | -.026299 | 1.969310 | .0454618 | .0096165 | 132.9768 | 1.445565 |
| #2 | .0242738 | -.015554 | 1.970189 | .0472063 | .0063370 | 133.7329 | 1.462278 |
| #3 | .0215427 | -.020250 | 1.970607 | .0447965 | .0104913 | 134.5924 | 1.455779 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0121101</b> | <b>.0063864</b> | <b>28.55832</b> | <b>.2381495</b> | <b>.1896879</b> | <b>.4244891</b> | <b>262.4240</b> |
| Stddev | .0000936        | .0000825        | .34199          | .0009483        | .0006302        | .0021888        | 2.8252          |
| %RSD   | .7726074        | 1.292346        | 1.197504        | .3981841        | .3322072        | .5156201        | 1.076575        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0121083 | .0064758 | 28.45517 | .2386426 | .1897296 | .4227050 | 261.9182 |
| #2 | .0120174 | .0063132 | 28.27979 | .2387496 | .1890379 | .4238308 | 259.8859 |
| #3 | .0122045 | .0063702 | 28.94002 | .2370562 | .1902962 | .4269314 | 265.4680 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>7.385236</b> | <b>55.53383</b> | <b>.3005469</b> | <b>.0086157</b> | <b>2.500220</b> | <b>.3902925</b> | <b>.9094564</b> |
| Stddev | .102470         | .75740          | .0017656        | .0004869        | .287792         | .0023041        | .0025841        |
| %RSD   | 1.387491        | 1.363849        | .5874706        | 5.650848        | 11.51068        | .5903393        | .2841394        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.362096 | 55.48140 | .3003397 | .0082851 | 2.451423 | .3910705 | .9097689 |
| #2 | 7.296315 | 54.80401 | .2988940 | .0083873 | 2.809291 | .3877002 | .9118701 |
| #3 | 7.497297 | 56.31608 | .3024070 | .0091748 | 2.239946 | .3921069 | .9067302 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>15.35089</b> | <b>9.474187</b> | <b>-.089048</b> | <b>.0044341</b> | <b>6.752918</b> | <b>2.205655</b> | <b>.0261033</b> |
| Stddev | .14131          | .031922         | .006103         | .0001138        | .016063         | .006091         | .0003157        |
| %RSD   | .9205133        | .3369401        | 6.853973        | 2.566407        | .2378720        | .2761489        | 1.209540        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 15.20451 | 9.508109 | -.088721 | .0043320 | 6.768561 | 2.212560 | .0257756 |
| #2 | 15.36164 | 9.444735 | -.095308 | .0044134 | 6.736465 | 2.203361 | .0264055 |
| #3 | 15.48651 | 9.469717 | -.083114 | .0045568 | 6.753729 | 2.201044 | .0261289 |

Sample Name: K1974-01      Acquired: 03/22/2019 17:38:35      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>4.656297</b> | <b>.1780074</b> | <b>.1402238</b> |
| Stddev | .020353         | .0024569        | .0005742        |
| %RSD   | .4371085        | 1.380215        | .4094716        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>4.634619</b> | <b>.1768704</b> | <b>.1395804</b> |
| #2 | <b>4.659277</b> | <b>.1808268</b> | <b>.1406841</b> |
| #3 | <b>4.674997</b> | <b>.1763249</b> | <b>.1404070</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2860.798</b> | <b>3285.754</b> | <b>66871.19</b> | <b>6964.752</b> | <b>3739.695</b> |
| Stddev    | 2.937           | 3.856           | 159.69          | 12.236          | 5.144           |
| %RSD      | .1026632        | .1173404        | .2387972        | .1756841        | .1375485        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2864.070</b> | <b>3285.319</b> | <b>67051.73</b> | <b>6955.677</b> | <b>3735.983</b> |
| #2 | <b>2858.388</b> | <b>3282.134</b> | <b>66813.35</b> | <b>6978.668</b> | <b>3745.567</b> |
| #3 | <b>2859.937</b> | <b>3289.808</b> | <b>66748.48</b> | <b>6959.910</b> | <b>3737.536</b> |

Sample Name: PB118041BL      Acquired: 03/22/2019 17:42:14      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000509 | .0016389 | .0002331 | .0017720 | -.000895 | .0104172 | .0010493 |
| Stddev | .0033839 | .0014690 | .0011540 | .0013970 | .001678  | .0084413 | .0003546 |
| %RSD   | 6649.841 | 89.63341 | 495.0811 | 78.83931 | 187.5979 | 81.03202 | 33.79874 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0027913 | .0004328 | .0013380 | .0024390 | .001041  | .0128983 | .0009395 |
| #2 | -.003731 | .0032749 | .0003256 | .0001665 | -.001776 | .0010134 | .0014458 |
| #3 | .001093  | .0012090 | -.000964 | .0027105 | -.001948 | .0173399 | .0007625 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000010 | -.000025 | -.005326 | -.000080 | .0000603 | .0026686 | .0017423 |
| Stddev | .000060  | .000078  | .002636  | .000753  | .0000558 | .0044214 | .0240025 |
| %RSD   | 603.9490 | 315.3620 | 49.48161 | 936.5936 | 92.43874 | 165.6791 | 1377.635 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000011  | .000056  | -.005388 | -.000942 | .0001232 | .0074583 | .0291644 |
| #2 | -.000077 | -.000029 | -.002661 | .000455  | .0000411 | .0018043 | -.015453 |
| #3 | .000036  | -.000101 | -.007931 | .000245  | .0000167 | -.001257 | -.008484 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002133 | -.024281 | .0003480 | .0002880 | -.161658 | -.003934 | .0032689 |
| Stddev | .001747  | .026534  | .0002309 | .0004062 | .436927  | .001690  | .0006658 |
| %RSD   | 81.90227 | 109.2791 | 66.35200 | 141.0483 | 270.2782 | 42.95200 | 20.36660 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001197 | .002491  | .0000850 | .0007405 | .125168  | -.005698 | .0040375 |
| #2 | -.001053 | -.050570 | .0005177 | -.000045 | .054377  | -.002329 | .0028681 |
| #3 | -.004149 | -.024764 | .0004414 | .000169  | -.664519 | -.003776 | .0029012 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0907355 | .0006635 | -.003273 | -.000377 | -.001715 | .0002629 | -.002372 |
| Stddev | .0492405 | .0013576 | .000067  | .000015  | .002514  | .0003652 | .000948  |
| %RSD   | 54.26820 | 204.6203 | 2.036761 | 3.951531 | 146.5864 | 138.9011 | 39.97816 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0339231 | .0008874 | -.003197 | -.000393 | -.003391 | .0005581 | -.003338 |
| #2 | .1211155 | .0018953 | -.003304 | -.000376 | .001176  | -.000145 | -.002335 |
| #3 | .1171679 | -.000792 | -.003318 | -.000363 | -.002931 | .000376  | -.001443 |

Sample Name: PB118041BL      Acquired: 03/22/2019 17:42:14      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0020736</b> | <b>.0007999</b> | <b>.0000274</b> |
| Stddev | .0002803        | .0024729        | .0000766        |
| %RSD   | 13.51648        | 309.1549        | 279.2876        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0017558</b> | <b>.0015219</b> | <b>.0000352</b> |
| #2 | <b>.0021797</b> | <b>-.001954</b> | <b>-.000053</b> |
| #3 | <b>.0022853</b> | <b>.002831</b>  | <b>.000100</b>  |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2211.563</b> | <b>2591.561</b> | <b>50934.50</b> | <b>5313.892</b> | <b>3892.488</b> |
| Stddev    | 10.875          | 2.764           | 109.77          | 49.972          | 2.678           |
| %RSD      | .4917194        | .1066610        | .2155063        | .9403978        | .0688078        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2200.015</b> | <b>2592.621</b> | <b>50808.69</b> | <b>5257.250</b> | <b>3891.834</b> |
| #2 | <b>2213.066</b> | <b>2588.424</b> | <b>50984.10</b> | <b>5351.750</b> | <b>3890.197</b> |
| #3 | <b>2221.608</b> | <b>2593.638</b> | <b>51010.71</b> | <b>5332.675</b> | <b>3895.433</b> |

Sample Name: CCV02      Acquired: 03/22/2019 17:54:33      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.981032</b> | <b>4.949691</b> | <b>4.948602</b> | <b>4.989947</b> | <b>4.992578</b> | <b>10.03436</b> | <b>10.08378</b> |
| Stddev | .016846         | .003562         | .013982         | .012292         | .016424         | .03276          | .01719          |
| %RSD   | .3382095        | .0719627        | .2825507        | .2463387        | .3289657        | .3264487        | .1704527        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.962701 | 4.945904 | 4.933746 | 4.994554 | 4.993661 | 10.06859 | 10.09206 |
| #2 | 4.984560 | 4.950193 | 4.950553 | 4.976017 | 4.975640 | 10.03119 | 10.06401 |
| #3 | 4.995835 | 4.952975 | 4.961506 | 4.999270 | 5.008434 | 10.00330 | 10.09525 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2506435</b> | <b>2.488605</b> | <b>25.36519</b> | <b>.9991365</b> | <b>2.478526</b> | <b>1.257793</b> | <b>5.114146</b> |
| Stddev | .0013584        | .002302         | .09812          | .0018881        | .002654         | .010703         | .008661         |
| %RSD   | .5419655        | .0925087        | .3868420        | .1889735        | .1070624        | .8509000        | .1693553        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2512661 | 2.486022 | 25.47605 | .9969606 | 2.475684 | 1.255803 | 5.116399 |
| #2 | .2515789 | 2.489354 | 25.28950 | 1.000106 | 2.478955 | 1.269351 | 5.104582 |
| #3 | .2490854 | 2.490440 | 25.33002 | 1.000343 | 2.480939 | 1.248225 | 5.121459 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.571240</b> | <b>25.23457</b> | <b>2.469813</b> | <b>1.252010</b> | <b>25.30210</b> | <b>2.550046</b> | <b>2.517947</b> |
| Stddev | .018001         | .15703          | .002852         | .002601         | .17158          | .013760         | .014699         |
| %RSD   | .7000920        | .6222792        | .1154890        | .2077256        | .6781312        | .5395939        | .5837581        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.591029 | 25.41300 | 2.467764 | 1.254973 | 25.48549 | 2.538343 | 2.505849 |
| #2 | 2.566851 | 25.17332 | 2.468605 | 1.250104 | 25.27532 | 2.546590 | 2.534305 |
| #3 | 2.555839 | 25.11740 | 2.473071 | 1.250952 | 25.14548 | 2.565204 | 2.513688 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>24.82288</b> | <b>4.933054</b> | <b>4.994963</b> | <b>5.033505</b> | <b>4.890517</b> | <b>4.970064</b> | <b>4.938941</b> |
| Stddev | .09191          | .015136         | .014915         | .011858         | .006703         | .012652         | .006843         |
| %RSD   | .3702680        | .3068232        | .2986000        | .2355836        | .1370599        | .2545720        | .1385524        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.78540 | 4.915727 | 4.999914 | 5.038860 | 4.891449 | 4.971378 | 4.931942 |
| #2 | 24.92761 | 4.939740 | 5.006773 | 5.019914 | 4.896705 | 4.982008 | 4.945616 |
| #3 | 24.75563 | 4.943696 | 4.978202 | 5.041741 | 4.883397 | 4.956806 | 4.939266 |

Sample Name: CCV02      Acquired: 03/22/2019 17:54:33      Type: Unk  
 Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.053935 | 4.984641 | 5.061904 |
| Stddev | .014302  | .008540  | .004039  |
| %RSD   | .2829934 | .1713331 | .0797950 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.067503 | 4.994493 | 5.058006 |
| #2 | 5.055304 | 4.980104 | 5.066071 |
| #3 | 5.038997 | 4.979327 | 5.061635 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2183.856 | 2515.133 | 50880.13 | 5319.168 | 3766.056 |
| Stddev    | 15.812   | 8.070    | 119.21   | 34.218   | 8.382    |
| %RSD      | .7240425 | .3208728 | .2343027 | .6432962 | .2225585 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2184.660 | 2505.876 | 50850.51 | 5309.300 | 3758.814 |
| #2 | 2167.657 | 2520.693 | 50778.52 | 5290.968 | 3764.117 |
| #3 | 2199.251 | 2518.829 | 51011.36 | 5357.236 | 3775.237 |

Sample Name: CCB02      Acquired: 03/22/2019 17:58:05      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000648</b> | <b>-.000387</b> | <b>.0008548</b> | <b>.0022239</b> | <b>.0021594</b> | <b>-.011548</b> | <b>.0005326</b> |
| Stddev | .002325         | .001637         | .0008738        | .0011420        | .0006528        | .010473         | .0007068        |
| %RSD   | 358.8307        | 423.0797        | 102.2302        | 51.35029        | 30.22966        | 90.69264        | 132.7103        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .001884  | -.001939 | .0018121 | .0034726 | .0027709 | -.022244 | -.000282 |
| #2 | -.002687 | .001323  | .0001001 | .0019667 | .0022354 | -.001314 | .000901  |
| #3 | -.001140 | -.000544 | .0006521 | .0012325 | .0014720 | -.011085 | .000979  |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000037</b> | <b>.0000199</b> | <b>.0059478</b> | <b>.0001730</b> | <b>-.000066</b> | <b>.0044618</b> | <b>.0239801</b> |
| Stddev | .000044         | .0000918        | .0027413        | .0003061        | .000179         | .0053179        | .0272898        |
| %RSD   | 117.1889        | 460.7272        | 46.09002        | 176.9515        | 270.6846        | 119.1858        | 113.8019        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000086 | .0001108 | .0035226 | .0003991 | .000132  | .0010576 | .0465932 |
| #2 | -.000023 | .0000218 | .0089221 | .0002953 | -.000114 | .0017381 | .0316792 |
| #3 | -.000002 | -.000073 | .0053986 | -.000175 | -.000217 | .0105898 | -.006332 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000938</b> | <b>-.029184</b> | <b>.0003491</b> | <b>-.000026</b> | <b>-.199044</b> | <b>.0000123</b> | <b>.0007252</b> |
| Stddev | .000865         | .045252         | .0002149        | .000179         | .315399         | .0072057        | .0003331        |
| %RSD   | 92.16351        | 155.0559        | 61.57772        | 681.9150        | 158.4564        | 58732.22        | 45.93779        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000390 | -.076978 | .0004498 | .000141  | -.499392 | -.004400 | .0008935 |
| #2 | -.001935 | .013002  | .0001023 | -.000005 | .129511  | .008327  | .0003415 |
| #3 | -.000490 | -.023576 | .0004952 | -.000215 | -.227252 | -.003890 | .0009406 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.129128</b> | <b>-.003810</b> | <b>.0065761</b> | <b>-.000213</b> | <b>-.001716</b> | <b>.0016128</b> | <b>-.000897</b> |
| Stddev | .056009         | .002246         | .0012673        | .000088         | .001128         | .0008609        | .000547         |
| %RSD   | 43.37515        | 58.95819        | 19.27115        | 41.50164        | 65.70209        | 53.37847        | 60.97009        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.118600 | -.005040 | .0079813 | -.000113 | -.001545 | .0007857 | -.000442 |
| #2 | -.189654 | -.005173 | .0062268 | -.000279 | -.000684 | .0015489 | -.000745 |
| #3 | -.079129 | -.001217 | .0055200 | -.000248 | -.002919 | .0025039 | -.001503 |

Sample Name: CCB02      Acquired: 03/22/2019 17:58:05      Type: Unk  
 Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000264</b> | <b>.0023161</b> | <b>.0000171</b> |
| Stddev | .000846         | .0002014        | .0001359        |
| %RSD   | 320.2967        | 8.696603        | 796.4616        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.001241</b> | <b>.0023819</b> | <b>-.000006</b> |
| #2 | <b>.000234</b>  | <b>.0024764</b> | <b>-.000106</b> |
| #3 | <b>.000214</b>  | <b>.0020901</b> | <b>.000163</b>  |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2240.698</b> | <b>2592.699</b> | <b>51502.27</b> | <b>5308.050</b> | <b>3912.419</b> |
| Stddev    | 3.906           | .525            | 41.71           | 15.044          | 4.951           |
| %RSD      | .1743220        | .0202656        | .0809811        | .2834115        | .1265500        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2242.656</b> | <b>2592.135</b> | <b>51489.98</b> | <b>5320.275</b> | <b>3910.945</b> |
| #2 | <b>2236.200</b> | <b>2593.174</b> | <b>51468.08</b> | <b>5291.250</b> | <b>3917.940</b> |
| #3 | <b>2243.237</b> | <b>2592.786</b> | <b>51548.74</b> | <b>5312.625</b> | <b>3908.372</b> |

Sample Name: PB118041BS      Acquired: 03/22/2019 18:01:59      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7662991</b> | <b>1.955352</b> | <b>.9858142</b> | <b>1.728850</b> | <b>.8124821</b> | <b>2.092585</b> |
| Stddev | .0028416        | .005750         | .0026520        | .003448         | .0004811        | .016154         |
| %RSD   | .3708151        | .2940687        | .2690156        | .1994652        | .0592142        | .7719525        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7640366 | 1.951950 | .9840662 | 1.732203 | .8127943 | 2.090119 |
| #2 | .7694883 | 1.952115 | .9845108 | 1.725313 | .8127241 | 2.109830 |
| #3 | .7653725 | 1.961991 | .9888657 | 1.729034 | .8119281 | 2.077806 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2115737</b> | <b>.1998354</b> | <b>.1988771</b> | <b>1.094244</b> | <b>.4219650</b> | <b>.2040766</b> |
| Stddev | .0007859        | .0010289        | .0002899        | .011928         | .0012781        | .0001699        |
| %RSD   | .3714668        | .5148677        | .1457778        | 1.090050        | .3028970        | .0832541        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2117765 | .2007249 | .1987381 | 1.086802 | .4208661 | .2039937 |
| #2 | .2122383 | .2000728 | .1986830 | 1.087928 | .4216612 | .2039640 |
| #3 | .2107062 | .1987086 | .1992104 | 1.108002 | .4233676 | .2042720 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3224038</b> | <b>3.502355</b> | <b>.2202240</b> | <b>2.031211</b> | <b>.5084736</b> | <b>.0742487</b> |
| Stddev | .0024578        | .010478         | .0019142        | .075463         | .0005881        | .0002912        |
| %RSD   | .7623409        | .2991575        | .8692283        | 3.715188        | .1156664        | .3921873        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3231897 | 3.509830 | .2216421 | 2.117686 | .5085963 | .0740805 |
| #2 | .3196491 | 3.506855 | .2180466 | 1.997260 | .5078339 | .0745850 |
| #3 | .3243725 | 3.490379 | .2209832 | 1.978687 | .5089908 | .0740807 |

|        |                 |                 |                 |                 |                   |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-------------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774            | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm               | ppm             |
| Avg    | <b>3.264071</b> | <b>.3263605</b> | <b>.2082538</b> | <b>10.14831</b> | <b>F 5.422468</b> | <b>.2878896</b> |
| Stddev | .412236         | .0051235        | .0010584        | .08419          | .006031           | .0016477        |
| %RSD   | 12.62951        | 1.569903        | .5082347        | .8295610        | .1112299          | .5723437        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.723224 | .3322455 | .2070987 | 10.05493 | 5.415878 | .2891019 |
| #2 | 3.143228 | .3239433 | .2091772 | 10.17162 | 5.423812 | .2885534 |
| #3 | 2.925762 | .3228927 | .2084854 | 10.21839 | 5.427714 | .2860135 |

Sample Name: PB118041BS      Acquired: 03/22/2019 18:01:59      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                   |                 |                 |                 |                 |
|--------|-----------------|-------------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820            | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm               | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.4074863</b> | <b>F .0015803</b> | <b>.9392682</b> | <b>.6820066</b> | <b>.2045850</b> | <b>.2074278</b> |
| Stddev | .0002771        | .0024647          | .0019415        | .0015345        | .0019741        | .0004921        |
| %RSD   | .0679990        | 155.9675          | .2066994        | .2249953        | .9649402        | .2372577        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4074392 | -.001213 | .9414181 | .6832968 | .2058007 | .2068683 |
| #2 | .4077839 | .003450  | .9387435 | .6824132 | .2056472 | .2077937 |
| #3 | .4072358 | .002504  | .9376430 | .6803098 | .2023072 | .2076214 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.2067136</b> |
| Stddev | .0004982        |
| %RSD   | .2410071        |

|    |          |
|----|----------|
| #1 | .2061825 |
| #2 | .2067875 |
| #3 | .2071707 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2209.953</b> | <b>2581.829</b> | <b>51336.62</b> | <b>5304.025</b> | <b>3936.183</b> |
| Stddev    | 5.750           | 4.105           | 179.87          | 29.473          | 8.481           |
| %RSD      | .2601693        | .1590101        | .3503658        | .5556803        | .2154628        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2208.308 | 2577.184 | 51271.72 | 5275.575 | 3926.630 |
| #2 | 2205.204 | 2583.330 | 51198.21 | 5302.075 | 3942.824 |
| #3 | 2216.345 | 2584.972 | 51539.93 | 5334.425 | 3939.095 |

Sample Name: PB118064BL      Acquired: 03/22/2019 18:05:42      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.002345</b> | <b>-.000643</b> | <b>.0000435</b> | <b>-.001646</b> | <b>.0011536</b> | <b>.0034459</b> | <b>.0008008</b> |
| Stddev | .002541         | .000915         | .0015079        | .000861         | .0011060        | .0095136        | .0009158        |
| %RSD   | 108.3462        | 142.3041        | 3464.154        | 52.34127        | 95.88019        | 276.0889        | 114.3687        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000554  | -.000878 | .0013670 | -.002268 | .0003668 | .0001359 | .0011168 |
| #2 | -.003403 | .000366  | .0003616 | -.000663 | .0006756 | -.003971 | -.000231 |
| #3 | -.004186 | -.001417 | -.001598 | -.002006 | .0024182 | .014172  | .001517  |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000039</b> | <b>-.000028</b> | <b>.0086002</b> | <b>-.000072</b> | <b>.0000035</b> | <b>.0032974</b> | <b>.0487203</b> |
| Stddev | .000054         | .000039         | .0103993        | .000236         | .0000856        | .0049860        | .0102753        |
| %RSD   | 140.7540        | 137.3759        | 120.9189        | 329.0167        | 2424.349        | 151.2062        | 21.09041        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000097 | .000010  | .0206023 | -.000100 | .0000076 | .0039604 | .0572673 |
| #2 | .000011  | -.000068 | .0022717 | .000177  | -.000084 | .0079188 | .0515739 |
| #3 | -.000030 | -.000027 | .0029267 | -.000293 | .000087  | -.001987 | .0373198 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0004263</b> | <b>.0012074</b> | <b>.0000241</b> | <b>.0002217</b> | <b>-.287145</b> | <b>-.004911</b> | <b>.0001788</b> |
| Stddev | .0015033        | .0343798        | .0005330        | .0001905        | .249090         | .006098         | .0004070        |
| %RSD   | 352.6247        | 2847.462        | 2210.308        | 85.94214        | 86.74698        | 124.1658        | 227.6351        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001046 | -.023737 | -.000407 | .0000379 | -.047449 | -.002139 | .0000307 |
| #2 | .001958  | .040425  | -.000141 | .0004183 | -.269316 | -.000692 | -.000133 |
| #3 | .000367  | -.013066 | .000620  | .0002088 | -.544671 | -.011903 | .000639  |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.064699</b> | <b>-.002285</b> | <b>-.001098</b> | <b>-.000335</b> | <b>-.000766</b> | <b>.0001330</b> | <b>-.002568</b> |
| Stddev | .039842         | .001624         | .001261         | .000403         | .000643         | .0004341        | .000554         |
| %RSD   | 61.58060        | 71.09565        | 114.8007        | 120.4175        | 83.97710        | 326.3207        | 21.57330        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.034180 | -.000411 | -.000890 | -.000708 | -.000603 | .0004259 | -.002492 |
| #2 | -.050146 | -.003153 | -.002450 | .000092  | -.000220 | -.000366 | -.003155 |
| #3 | -.109771 | -.003290 | .000045  | -.000388 | -.001474 | .000339  | -.002055 |

Sample Name: PB118064BL      Acquired: 03/22/2019 18:05:42      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0008676 | .0006307 | -.000064 |
| Stddev | .0006853 | .0031234 | .000049  |
| %RSD   | 78.98751 | 495.2270 | 75.90080 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0012914 | -.002101 | -.000080 |
| #2 | .0000770 | .004036  | -.000103 |
| #3 | .0012344 | -.000043 | -.000010 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2235.057 | 2609.739 | 51388.43 | 5307.442 | 3933.623 |
| Stddev    | 7.649    | .772     | 274.51   | 23.264   | 1.789    |
| %RSD      | .3422380 | .0295829 | .5341920 | .4383255 | .0454733 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2226.566 | 2610.470 | 51071.72 | 5284.325 | 3932.285 |
| #2 | 2241.408 | 2608.932 | 51535.39 | 5307.150 | 3932.929 |
| #3 | 2237.199 | 2609.816 | 51558.18 | 5330.850 | 3935.654 |

Sample Name: PB118095BL      Acquired: 03/22/2019 18:13:19      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001249</b> | <b>-.000805</b> | <b>-.000497</b> | <b>-.000690</b> | <b>.0007419</b> | <b>.0039540</b> | <b>.0009041</b> |
| Stddev | .004254         | .000706         | .001919         | .000591         | .0006155        | .0103122        | .0003126        |
| %RSD   | 340.4779        | 87.73729        | 386.4046        | 85.75414        | 82.96208        | 260.8050        | 34.57840        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000079  | -.000100 | -.002633 | -.001343 | .0012348 | -.001540 | .0005527 |
| #2 | -.006008 | -.001512 | .001083  | -.000191 | .0009388 | -.002448 | .0010081 |
| #3 | .002182  | -.000802 | .000059  | -.000534 | .0000520 | .015850  | .0011515 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000053</b> | <b>-.000049</b> | <b>.0140976</b> | <b>.0000795</b> | <b>.0001108</b> | <b>.0044348</b> | <b>.0082372</b> |
| Stddev | .0000450        | .000035         | .0254598        | .0004374        | .0003769        | .0066863        | .0103270        |
| %RSD   | 852.8665        | 71.28406        | 180.5975        | 550.6142        | 340.1157        | 150.7675        | 125.3705        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000055 | -.000033 | -.011200 | .0004612 | -.000160 | .0120971 | .0131647 |
| #2 | -.000040 | -.000025 | .013775  | .0001750 | .000541  | -.000217 | -.003631 |
| #3 | .000050  | -.000089 | .039717  | -.000398 | -.000049 | .001425  | .015178  |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0011048</b> | <b>-.035225</b> | <b>.0001909</b> | <b>-.000025</b> | <b>-.127393</b> | <b>-.000304</b> | <b>.0003341</b> |
| Stddev | .0008692        | .058049         | .0002248        | .000222         | .040189         | .003717         | .0002050        |
| %RSD   | 78.67368        | 164.7942        | 117.7540        | 883.9175        | 31.54743        | 1222.985        | 61.34608        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0012337 | -.041955 | .0000009 | -.000099 | -.162201 | .003347  | .0004689 |
| #2 | .0001784 | .025895  | .0004391 | .000224  | -.083409 | -.000176 | .0000983 |
| #3 | .0019023 | -.089617 | .0001328 | -.000200 | -.136567 | -.004083 | .0004352 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.016219</b> | <b>-.001460</b> | <b>-.001818</b> | <b>-.000252</b> | <b>-.000149</b> | <b>.0004258</b> | <b>-.002701</b> |
| Stddev | .053519         | .002549         | .000258         | .000301         | .002647         | .0003362        | .000345         |
| %RSD   | 329.9735        | 174.5569        | 14.17221        | 119.6333        | 1773.636        | 78.97103        | 12.75881        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.061820 | -.001818 | -.001752 | -.000454 | .000752  | .0002947 | -.002948 |
| #2 | -.029540 | -.003811 | -.002102 | -.000395 | .001930  | .0001748 | -.002308 |
| #3 | .042702  | .001249  | -.001599 | .000094  | -.003129 | .0008078 | -.002849 |

Sample Name: PB118095BL      Acquired: 03/22/2019 18:13:19      Type: Unk  
 Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0016608</b> | <b>-.001230</b> | <b>-.000005</b> |
| Stddev | .0009631        | .001200         | .000084         |
| %RSD   | 57.99262        | 97.57918        | 1753.068        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0014981</b> | <b>-.001782</b> | <b>-.000026</b> |
| #2 | <b>.0007893</b> | <b>-.002054</b> | <b>-.000076</b> |
| #3 | <b>.0026949</b> | <b>.000147</b>  | <b>.000088</b>  |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2245.597</b> | <b>2611.881</b> | <b>51760.53</b> | <b>5331.033</b> | <b>3941.800</b> |
| Stddev    | 14.713          | 2.619           | 259.01          | 25.934          | 5.478           |
| %RSD      | .6552113        | .1002874        | .5003918        | .4864760        | .1389798        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2240.925 | 2608.920 | 51751.65 | 5301.375 | 3935.510 |
| #2 | 2262.079 | 2613.898 | 52023.86 | 5349.450 | 3945.524 |
| #3 | 2233.787 | 2612.823 | 51506.08 | 5342.275 | 3944.366 |

Sample Name: PB118095BS      Acquired: 03/22/2019 18:17:11      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7419283</b> | <b>1.889970</b> | <b>.9571158</b> | <b>1.655499</b> | <b>.7907175</b> | <b>1.950829</b> |
| Stddev | .0119458        | .025485         | .0122344        | .024013         | .0105529        | .020076         |
| %RSD   | 1.610100        | 1.348448        | 1.278260        | 1.450521        | 1.334601        | 1.029110        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7305478 | 1.861490 | .9442878 | 1.631759 | .7791797 | 1.949478 |
| #2 | .7543688 | 1.897794 | .9584052 | 1.654962 | .7930918 | 1.931463 |
| #3 | .7408683 | 1.910626 | .9686545 | 1.679777 | .7998810 | 1.971547 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1951682</b> | <b>.1869084</b> | <b>.1930176</b> | <b>.9946785</b> | <b>.4000437</b> | <b>.1977797</b> |
| Stddev | .0011815        | .0016213        | .0023951        | .0227069        | .0036561        | .0025359        |
| %RSD   | .6053583        | .8674030        | 1.240881        | 2.282842        | .9139281        | 1.282166        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1940146 | .1850544 | .1904376 | .9983889 | .3963649 | .1951388 |
| #2 | .1963757 | .1880600 | .1934449 | .9703449 | .4000896 | .1980048 |
| #3 | .1951145 | .1876108 | .1951704 | 1.015302 | .4036767 | .2001955 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2914793</b> | <b>3.121472</b> | <b>.2073384</b> | <b>1.928994</b> | <b>.4939934</b> | <b>.0696308</b> |
| Stddev | .0027322        | .030581         | .0030370        | .053038         | .0057868        | .0010187        |
| %RSD   | .9373450        | .9796839        | 1.464759        | 2.749528        | 1.171423        | 1.462981        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2913478 | 3.117719 | .2040394 | 1.934663 | .4875576 | .0691151 |
| #2 | .2942748 | 3.092941 | .2100178 | 1.978970 | .4956551 | .0689731 |
| #3 | .2888153 | 3.153756 | .2079579 | 1.873349 | .4987676 | .0708042 |

|        |                 |                 |                 |                 |                   |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-------------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774            | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm               | ppm             |
| Avg    | <b>2.836834</b> | <b>.3045750</b> | <b>.1940479</b> | <b>9.373596</b> | <b>F 5.217273</b> | <b>.2688388</b> |
| Stddev | .266206         | .0026242        | .0005644        | .098303         | .077178           | .0030093        |
| %RSD   | 9.383908        | .8615854        | .2908718        | 1.048717        | 1.479271          | 1.119355        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.088231 | .3053720 | .1934056 | 9.262294 | 5.132702 | .2653795 |
| #2 | 2.557952 | .3016448 | .1942733 | 9.448541 | 5.235226 | .2708524 |
| #3 | 2.864318 | .3067083 | .1944649 | 9.409953 | 5.283893 | .2702845 |

Sample Name: PB118095BS      Acquired: 03/22/2019 18:17:11      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                   |                 |                 |                 |                 |
|--------|-----------------|-------------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820            | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm               | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3980379</b> | <b>F -.003092</b> | <b>.8835565</b> | <b>.6633358</b> | <b>.1949103</b> | <b>.1910894</b> |
| Stddev | .0059016        | .001517           | .0144053        | .0079632        | .0009364        | .0007261        |
| %RSD   | 1.482661        | 49.06153          | 1.630379        | 1.200476        | .4804090        | .3799518        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3914927 | -.004334 | .8675406 | .6541667 | .1939694 | .1902515 |
| #2 | .3996676 | -.001401 | .8954544 | .6685182 | .1949193 | .1914857 |
| #3 | .4029534 | -.003539 | .8876745 | .6673226 | .1958421 | .1915312 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.1921280</b> |
| Stddev | .0011073        |
| %RSD   | .5763266        |

|    |          |
|----|----------|
| #1 | .1908497 |
| #2 | .1927465 |
| #3 | .1927879 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2198.538</b> | <b>2566.654</b> | <b>51240.08</b> | <b>5259.933</b> | <b>3918.861</b> |
| Stddev    | 7.765           | 7.978           | 124.65          | 33.855          | 10.715          |
| %RSD      | .3531875        | .3108475        | .2432761        | .6436426        | .2734163        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2189.659 | 2560.194 | 51194.00 | 5283.575 | 3906.597 |
| #2 | 2201.896 | 2575.572 | 51381.21 | 5221.150 | 3923.582 |
| #3 | 2204.059 | 2564.196 | 51145.02 | 5275.075 | 3926.405 |

Sample Name: PB118094BL      Acquired: 03/22/2019 18:20:53      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000306</b> | <b>.0009223</b> | <b>.0000639</b> | <b>.0020639</b> | <b>-.000105</b> | <b>.0008420</b> | <b>.0009211</b> |
| Stddev | .003068         | .0020043        | .0009762        | .0012871        | .002255         | .0100377        | .0001452        |
| %RSD   | 1004.299        | 217.3094        | 1528.517        | 62.36055        | 2141.974        | 1192.142        | 15.76129        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .002821  | .0029893 | -.001046 | .0006733 | .000420  | -.007048 | .0010765 |
| #2 | -.000425 | .0007903 | .000791  | .0032133 | .001840  | .012140  | .0007890 |
| #3 | -.003312 | -.001013 | .000446  | .0023050 | -.002576 | -.002566 | .0008978 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000040</b> | <b>-.000027</b> | <b>.0023584</b> | <b>-.000026</b> | <b>-.000050</b> | <b>.0059441</b> | <b>.0060773</b> |
| Stddev | .000016         | .000037         | .0112230        | .000145         | .000147         | .0015051        | .0083555        |
| %RSD   | 39.56183        | 139.1702        | 475.8769        | 554.4546        | 294.0964        | 25.32026        | 137.4879        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000022 | -.000004 | -.006004 | -.000174 | -.000008 | .0075576 | .0141172 |
| #2 | -.000044 | -.000070 | .015113  | -.000021 | -.000213 | .0045781 | .0066760 |
| #3 | -.000052 | -.000007 | -.002034 | .000116  | .000071  | .0056967 | -.002562 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000921</b> | <b>-.071284</b> | <b>.0000053</b> | <b>-.000044</b> | <b>-.393795</b> | <b>.0008338</b> | <b>.0012423</b> |
| Stddev | .0001280        | .013023         | .0003109        | .000435         | .165640         | .0067930        | .0001932        |
| %RSD   | 138.9625        | 18.26878        | 5882.724        | 992.6669        | 42.06243        | 814.6637        | 15.54875        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0002376 | -.058527 | -.000029 | -.000489 | -.203613 | -.006852 | .0010783 |
| #2 | -.000003 | -.070767 | .000332  | .000379  | -.471293 | .006034  | .0011936 |
| #3 | .000042  | -.084557 | -.000287 | -.000021 | -.506480 | .003319  | .0014552 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.113468</b> | <b>-.001361</b> | <b>-.003488</b> | <b>-.000321</b> | <b>-.001514</b> | <b>.0001357</b> | <b>-.001465</b> |
| Stddev | .064453         | .002218         | .001420         | .000192         | .006278         | .0001145        | .000458         |
| %RSD   | 56.80267        | 162.9033        | 40.70303        | 59.71879        | 414.6773        | 84.36923        | 31.28611        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.066704 | .000332  | -.002400 | -.000538 | -.008287 | .0002560 | -.001790 |
| #2 | -.186991 | -.000544 | -.002971 | -.000173 | -.000365 | .0000281 | -.000941 |
| #3 | -.086711 | -.003872 | -.005094 | -.000253 | .004110  | .0001230 | -.001664 |

Sample Name: PB118094BL      Acquired: 03/22/2019 18:20:53      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0007134 | -.001377 | .0000142 |
| Stddev | .0026946 | .000654  | .0000622 |
| %RSD   | 377.7242 | 47.47362 | 439.6638 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.001959 | -.000623 | -.000041 |
| #2 | .003429  | -.001779 | .000082  |
| #3 | .000670  | -.001729 | .000001  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2268.798 | 2619.984 | 51882.63 | 5323.483 | 3955.593 |
| Stddev    | 13.557   | 3.670    | 277.87   | 21.084   | 9.723    |
| %RSD      | .5975389 | .1400919 | .5355732 | .3960510 | .2457942 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2253.191 | 2621.633 | 51616.47 | 5336.800 | 3959.388 |
| #2 | 2275.554 | 2622.540 | 52170.89 | 5299.175 | 3962.846 |
| #3 | 2277.650 | 2615.778 | 51860.53 | 5334.475 | 3944.545 |

Sample Name: PB118094BS      Acquired: 03/22/2019 18:24:44      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment: DOD

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7405558</b> | <b>1.901359</b> | <b>.9687567</b> | <b>1.666310</b> | <b>.7916274</b> | <b>2.050468</b> |
| Stddev | .0019968        | .004223         | .0034424        | .006691         | .0024860        | .005587         |
| %RSD   | .2696314        | .2221288        | .3553393        | .4015597        | .3140368        | .2724815        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7425220 | 1.896791 | .9659640 | 1.659337 | .7892642 | 2.044338 |
| #2 | .7385298 | 1.902164 | .9677035 | 1.666913 | .7942203 | 2.051790 |
| #3 | .7406156 | 1.905122 | .9726027 | 1.672679 | .7913977 | 2.055275 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2044578</b> | <b>.1952590</b> | <b>.1941923</b> | <b>1.053715</b> | <b>.4174393</b> | <b>.1998403</b> |
| Stddev | .0005500        | .0010650        | .0004768        | .006005         | .0014202        | .0005203        |
| %RSD   | .2690271        | .5454274        | .2455056        | .5699053        | .3402107        | .2603703        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2038280 | .1960086 | .1940258 | 1.047917 | .4158322 | .1992395 |
| #2 | .2047016 | .1940399 | .1938211 | 1.059908 | .4185256 | .2001460 |
| #3 | .2048439 | .1957285 | .1947300 | 1.053320 | .4179599 | .2001354 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3191766</b> | <b>3.215279</b> | <b>.2163550</b> | <b>2.030133</b> | <b>.4975920</b> | <b>.0730372</b> |
| Stddev | .0025454        | .016534         | .0029685        | .077837         | .0009549        | .0008634        |
| %RSD   | .7974869        | .5142222        | 1.372045        | 3.834070        | .1919148        | 1.182094        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3175623 | 3.218817 | .2142490 | 1.943443 | .4979613 | .0722425 |
| #2 | .3178567 | 3.197262 | .2150660 | 2.094025 | .4965076 | .0729134 |
| #3 | .3221108 | 3.229757 | .2197502 | 2.052932 | .4983072 | .0739559 |

|        |                 |                 |                 |                 |                   |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-------------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774            | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm               | ppm             |
| Avg    | <b>3.079452</b> | <b>.3158856</b> | <b>.2056632</b> | <b>9.847695</b> | <b>F 5.260755</b> | <b>.2791092</b> |
| Stddev | .274545         | .0025735        | .0015270        | .051252         | .013541           | .0002073        |
| %RSD   | 8.915380        | .8146912        | .7424506        | .5204498        | .2573981          | .0742807        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.767137 | .3146893 | .2048922 | 9.790592 | 5.253498 | .2788698 |
| #2 | 3.188502 | .3141280 | .2074220 | 9.862786 | 5.252390 | .2792287 |
| #3 | 3.282718 | .3188395 | .2046756 | 9.889708 | 5.276378 | .2792290 |

Sample Name: PB118094BS      Acquired: 03/22/2019 18:24:44      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment: DOD

|        |                 |                   |                 |                 |                 |                 |
|--------|-----------------|-------------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820            | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm               | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3995223</b> | <b>F -.005255</b> | <b>.9201526</b> | <b>.6637984</b> | <b>.2004391</b> | <b>.2014250</b> |
| Stddev | .0011137        | .001913           | .0021367        | .0011248        | .0008566        | .0012399        |
| %RSD   | .2787700        | 36.40484          | .2322074        | .1694410        | .4273595        | .6155562        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3988574 | -.005888 | .9216475 | .6639667 | .1995460 | .2000785 |
| #2 | .3989014 | -.003105 | .9177053 | .6648295 | .2012538 | .2025197 |
| #3 | .4008081 | -.006771 | .9211049 | .6625990 | .2005175 | .2016768 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.2019122</b> |
| Stddev | .0006911        |
| %RSD   | .3423011        |

|    |          |
|----|----------|
| #1 | .2011674 |
| #2 | .2020364 |
| #3 | .2025329 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2195.065</b> | <b>2579.315</b> | <b>51091.49</b> | <b>5242.567</b> | <b>3937.500</b> |
| Stddev    | 13.651          | 5.156           | 226.17          | 31.512          | 12.589          |
| %RSD      | .6218760        | .1999152        | .4426746        | .6010705        | .3197257        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2183.140 | 2574.391 | 50921.75 | 5209.500 | 3925.223 |
| #2 | 2192.101 | 2584.676 | 51348.25 | 5272.250 | 3950.380 |
| #3 | 2209.954 | 2578.879 | 51004.49 | 5245.950 | 3936.895 |

Sample Name: PB118182BL      Acquired: 03/22/2019 18:28:25      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0003335 | .0002919 | .0000757 | .0005478 | .0012519 | -.002406 | .0007096 |
| Stddev | .0029294 | .0032034 | .0020354 | .0011368 | .0003283 | .014292  | .0004199 |
| %RSD   | 878.4227 | 1097.298 | 2689.240 | 207.5379 | 26.22390 | 594.0226 | 59.17314 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0016702 | .0039134 | -.002268 | -.000739 | .0013627 | -.014244 | .0011634 |
| #2 | -.003026 | -.002171 | .001097  | .001418  | .0008825 | -.006445 | .0006303 |
| #3 | .002356  | -.000866 | .001398  | .000964  | .0015105 | .013471  | .0003350 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000009 | .0000072 | -.003073 | -.000015 | .0001371 | .0051860 | .0076106 |
| Stddev | .000036  | .0000290 | .008015  | .000592  | .0002463 | .0003798 | .0276718 |
| %RSD   | 402.1042 | 404.1431 | 260.8303 | 3913.622 | 179.6720 | 7.323450 | 363.5940 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000024 | -.000005 | .003251  | -.000314 | .0002140 | .0055411 | -.013971 |
| #2 | .000032  | .000040  | -.000383 | .000666  | -.000139 | .0047856 | .038807  |
| #3 | -.000035 | -.000014 | -.012087 | -.000397 | .000336  | .0052314 | -.002005 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000684 | .0185629 | .0002489 | .0005271 | -.270169 | -.002333 | -.000031 |
| Stddev | .000990  | .0366675 | .0004856 | .0005183 | .203158  | .004563  | .000288  |
| %RSD   | 144.7832 | 197.5307 | 195.0877 | 98.32206 | 75.19683 | 195.5992 | 940.2856 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001592 | -.021302 | .0001121 | .0008948 | -.292771 | .002757  | -.000333 |
| #2 | .000372  | .026141  | -.000154 | -.000066 | -.461081 | -.003697 | .000003  |
| #3 | -.000832 | .050849  | .000788  | .000752  | -.056654 | -.006059 | .000239  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.068690 | -.001563 | -.003716 | -.000299 | -.002552 | .0003685 | -.002872 |
| Stddev | .069737  | .000946  | .001556  | .000263  | .002993  | .0009774 | .000474  |
| %RSD   | 101.5236 | 60.54054 | 41.87975 | 87.94188 | 117.2811 | 265.2743 | 16.49741 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.115438 | -.000651 | -.002643 | -.000050 | -.005119 | .0005107 | -.002517 |
| #2 | -.102098 | -.002540 | -.003005 | -.000574 | .000735  | .0012670 | -.003410 |
| #3 | .011466  | -.001499 | -.005501 | -.000272 | -.003271 | -.000672 | -.002690 |

Sample Name: PB118182BL      Acquired: 03/22/2019 18:28:25      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0005864 | -.000409 | -.000015 |
| Stddev | .0032341 | .000704  | .000047  |
| %RSD   | 551.5011 | 172.1922 | 319.0693 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000871 | -.001018 | .000009  |
| #2 | .004293  | .000362  | .000016  |
| #3 | -.001663 | -.000570 | -.000069 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2248.442 | 2618.655 | 51594.04 | 5280.517 | 3954.136 |
| Stddev    | 14.650   | 1.433    | 183.64   | 31.302   | 9.419    |
| %RSD      | .6515604 | .0547121 | .3559366 | .5927837 | .2381952 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2263.786 | 2617.753 | 51546.45 | 5248.225 | 3949.320 |
| #2 | 2246.937 | 2620.307 | 51796.80 | 5282.600 | 3964.989 |
| #3 | 2234.603 | 2617.906 | 51438.89 | 5310.725 | 3948.099 |

Sample Name: PB118182BS      Acquired: 03/22/2019 18:32:18      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment: 200.7

|        |                 |                 |                 |                   |                 |                 |
|--------|-----------------|-----------------|-----------------|-------------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960            | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm               | ppm             | ppm             |
| Avg    | <b>.7537385</b> | <b>1.937846</b> | <b>.9873111</b> | <b>F 1.667475</b> | <b>.7983835</b> | <b>2.107448</b> |
| Stddev | .0064855        | .003429         | .0040430        | .006330           | .0032453        | .012872         |
| %RSD   | .8604492        | .1769342        | .4094952        | .3795957          | .4064830        | .6107917        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7566429 | 1.934879 | .9840478 | 1.670976 | .8017536 | 2.095627 |
| #2 | .7582642 | 1.937058 | .9860515 | 1.671281 | .7981175 | 2.121162 |
| #3 | .7463084 | 1.941600 | .9918339 | 1.660168 | .7952794 | 2.105554 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2077374</b> | <b>.1968345</b> | <b>.1975999</b> | <b>1.063346</b> | <b>.4267416</b> | <b>.2039008</b> |
| Stddev | .0012431        | .0015873        | .0004349        | .010937         | .0016054        | .0008694        |
| %RSD   | .5984182        | .8064313        | .2201138        | 1.028548        | .3762072        | .4263939        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2074534 | .1952297 | .1970980 | 1.057961 | .4264000 | .2036938 |
| #2 | .2066609 | .1984037 | .1978339 | 1.075931 | .4284903 | .2031535 |
| #3 | .2090980 | .1968702 | .1978677 | 1.056146 | .4253345 | .2048550 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3238073</b> | <b>3.296789</b> | <b>.2202917</b> | <b>2.095954</b> | <b>.5061183</b> | <b>.0750090</b> |
| Stddev | .0066441        | .076359         | .0036513        | .054652         | .0009182        | .0005840        |
| %RSD   | 2.051862        | 2.316150        | 1.657489        | 2.607500        | .1814225        | .7785641        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3168130 | 3.214115 | .2165111 | 2.078796 | .5053047 | .0752978 |
| #2 | .3245744 | 3.364666 | .2237983 | 2.157127 | .5059363 | .0743368 |
| #3 | .3300346 | 3.311587 | .2205655 | 2.051941 | .5071139 | .0753923 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.984109</b> | <b>.3227711</b> | <b>.2106604</b> | <b>10.00452</b> | <b>5.325540</b> | <b>.2837081</b> |
| Stddev | .206982         | .0101164        | .0012541        | .04471          | .008997         | .0022786        |
| %RSD   | 6.936130        | 3.134219        | .5952969        | .4469373        | .1689400        | .8031440        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.109002 | .3146363 | .2111552 | 9.95326  | 5.315255 | .2829622 |
| #2 | 2.745190 | .3340986 | .2115916 | 10.03550 | 5.331952 | .2862661 |
| #3 | 3.098136 | .3195783 | .2092344 | 10.02479 | 5.329413 | .2818959 |

Sample Name: PB118182BS      Acquired: 03/22/2019 18:32:18      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment: 200.7

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.4071456</b> | <b>-.008498</b> | <b>.9414731</b> | <b>.6735679</b> | <b>.2024175</b> | <b>.2043134</b> |
| Stddev | .0011636        | .004732         | .0079201        | .0000370        | .0034478        | .0033331        |
| %RSD   | .2857950        | 55.68335        | .8412477        | .0054961        | 1.703300        | 1.631351        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.4061148</b> | <b>-.003390</b> | <b>.9328108</b> | <b>.6735471</b> | <b>.1984709</b> | <b>.2005748</b> |
| #2 | <b>.4084073</b> | <b>-.012733</b> | <b>.9483442</b> | <b>.6735459</b> | <b>.2048437</b> | <b>.2069743</b> |
| #3 | <b>.4069146</b> | <b>-.009371</b> | <b>.9432645</b> | <b>.6736106</b> | <b>.2039380</b> | <b>.2053911</b> |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.2064807</b> |
| Stddev | .0013503        |
| %RSD   | .6539645        |

|    |                 |
|----|-----------------|
| #1 | <b>.2052423</b> |
| #2 | <b>.2062796</b> |
| #3 | <b>.2079204</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2180.071</b> | <b>2563.313</b> | <b>50962.34</b> | <b>5260.383</b> | <b>3923.161</b> |
| Stddev    | 10.332          | 1.917           | 120.92          | 50.882          | 3.275           |
| %RSD      | .4739253        | .0747898        | .2372804        | .9672618        | .0834802        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2173.186</b> | <b>2561.134</b> | <b>50831.30</b> | <b>5304.300</b> | <b>3919.433</b> |
| #2 | <b>2175.075</b> | <b>2564.738</b> | <b>51069.62</b> | <b>5204.625</b> | <b>3925.574</b> |
| #3 | <b>2191.951</b> | <b>2564.069</b> | <b>50986.09</b> | <b>5272.225</b> | <b>3924.476</b> |

Sample Name: PB118147BL      Acquired: 03/22/2019 18:36:00      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0014158 | .0002339 | .0005059 | -.001450 | .0012481 | -.006274 | .0011287 |
| Stddev | .0039275 | .0021422 | .0012922 | .002663  | .0011558 | .009468  | .0000589 |
| %RSD   | 277.4141 | 915.9332 | 255.4098 | 183.7024 | 92.60471 | 150.9173 | 5.221422 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0051172 | -.002095 | .0010564 | -.000709 | -.000086 | -.007426 | .0011090 |
| #2 | .0018344 | .002120  | .0014317 | -.004405 | .001948  | -.015113 | .0010822 |
| #3 | -.002704 | .000677  | -.000970 | .000765  | .001882  | .003718  | .0011950 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000463 | .0000079 | .0013106 | -.000008 | .0000187 | .0032543 | .0220909 |
| Stddev | .0000229 | .0000509 | .0037749 | .000142  | .0002383 | .0023223 | .0103012 |
| %RSD   | 49.50564 | 648.5334 | 288.0257 | 1701.573 | 1275.018 | 71.36107 | 46.63092 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000512 | -.000051 | .0026789 | -.000064 | -.000256 | .0053155 | .0123104 |
| #2 | .0000214 | .000039  | .0042105 | -.000114 | .000151  | .0007382 | .0211184 |
| #3 | .0000665 | .000035  | -.002958 | .000153  | .000161  | .0037092 | .0328438 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000990 | -.014344 | .0003597 | .0000488 | -.231613 | .0007959 | -.000072 |
| Stddev | .0019012 | .077115  | .0001806 | .0002643 | .168819  | .0079345 | .000235  |
| %RSD   | 1920.458 | 537.6266 | 50.21805 | 541.9120 | 72.88852 | 996.8871 | 327.6213 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0019113 | -.078195 | .0002098 | .0002596 | -.426053 | .0090351 | -.000333 |
| #2 | -.001880 | .071332  | .0005602 | .0001346 | -.122367 | .0001467 | -.000008 |
| #3 | .000266  | -.036168 | .0003090 | -.000248 | -.146418 | -.006794 | .000125  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.113711 | -.003952 | -.003327 | -.000167 | -.003809 | .0005358 | -.002626 |
| Stddev | .070543  | .002966  | .001036  | .000178  | .003636  | .0011349 | .000461  |
| %RSD   | 62.03681 | 75.04656 | 31.13939 | 106.7488 | 95.43815 | 211.8246 | 17.54191 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.192544 | -.001616 | -.003067 | -.000079 | -.008007 | -.000374 | -.002703 |
| #2 | -.092049 | -.002952 | -.002446 | -.000050 | -.001697 | .000174  | -.003043 |
| #3 | -.056539 | -.007289 | -.004468 | -.000372 | -.001724 | .001808  | -.002132 |

Sample Name: PB118147BL      Acquired: 03/22/2019 18:36:00      Type: Unk  
 Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0006471 | -.001432 | -.000022 |
| Stddev | .0011077 | .001551  | .000036  |
| %RSD   | 171.1737 | 108.3444 | 166.7501 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0016504 | -.001012 | -.000050 |
| #2 | -.000542 | -.003150 | .000019  |
| #3 | .000833  | -.000133 | -.000033 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2238.845 | 2612.835 | 51393.01 | 5229.625 | 3951.175 |
| Stddev    | 5.241    | 3.216    | 162.24   | 19.397   | 5.988    |
| %RSD      | .2341018 | .1230916 | .3156783 | .3708994 | .1515480 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2239.159 | 2609.366 | 51411.12 | 5243.825 | 3948.857 |
| #2 | 2243.923 | 2613.421 | 51545.43 | 5237.525 | 3946.692 |
| #3 | 2233.455 | 2615.718 | 51222.47 | 5207.525 | 3957.975 |

Sample Name: PB118064BS      Acquired: 03/22/2019 18:49:43      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment: DOD

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7812712</b> | <b>1.944511</b> | <b>.9804766</b> | <b>1.953579</b> | <b>.7824087</b> | <b>2.053415</b> |
| Stddev | .0017569        | .010463         | .0062595        | .007975         | .0055813        | .020829         |
| %RSD   | .2248790        | .5380774        | .6384102        | .4082205        | .7133475        | 1.014373        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7814098 | 1.944668 | .9748727 | 1.950411 | .7764250 | 2.039205 |
| #2 | .7794491 | 1.933970 | .9793253 | 1.947675 | .7833277 | 2.077325 |
| #3 | .7829547 | 1.954895 | .9872318 | 1.962652 | .7874735 | 2.043714 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2032760</b> | <b>.2090893</b> | <b>.1991995</b> | <b>1.034445</b> | <b>.4135783</b> | <b>.2006879</b> |
| Stddev | .0006343        | .0024413        | .0007082        | .012962         | .0018633        | .0012531        |
| %RSD   | .3120284        | 1.167582        | .3555418        | 1.253065        | .4505388        | .6243959        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2039313 | .2072124 | .1989782 | 1.046628 | .4157031 | .2000667 |
| #2 | .2032317 | .2082062 | .1986283 | 1.020823 | .4122227 | .1998668 |
| #3 | .2026650 | .2118492 | .1999919 | 1.035883 | .4128092 | .2021303 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3140357</b> | <b>3.253691</b> | <b>.2185751</b> | <b>2.046891</b> | <b>.4999601</b> | <b>.0732508</b> |
| Stddev | .0036184        | .036142         | .0059029        | .048867         | .0024580        | .0004093        |
| %RSD   | 1.152239        | 1.110803        | 2.700618        | 2.387365        | .4916424        | .5588187        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3150394 | 3.220018 | .2253841 | 2.023569 | .4990428 | .0729165 |
| #2 | .3100214 | 3.291879 | .2149014 | 2.103050 | .4980926 | .0731284 |
| #3 | .3170464 | 3.249176 | .2154399 | 2.014055 | .5027448 | .0737073 |

|        |                 |                 |                 |                 |                   |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-------------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774            | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm               | ppm             |
| Avg    | <b>2.832983</b> | <b>.3265610</b> | <b>.2096543</b> | <b>9.986667</b> | <b>F 5.544340</b> | <b>.2956926</b> |
| Stddev | .165323         | .0032520        | .0011319        | .080146         | .015176           | .0048209        |
| %RSD   | 5.835640        | .9958206        | .5398912        | .8025307        | .2737157          | 1.630390        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.724922 | .3261599 | .2084912 | 9.921055 | 5.527177 | .2961089 |
| #2 | 2.750729 | .3235283 | .2097197 | 9.962951 | 5.549859 | .2906771 |
| #3 | 3.023299 | .3299950 | .2107522 | 10.07599 | 5.555984 | .3002919 |

Sample Name: PB118064BS      Acquired: 03/22/2019 18:49:43      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment: DOD

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3869344 | F -.009839 | 1.040999 | .6527498 | .1973051 | .1983845 |
| Stddev | .0013145 | .003945    | .014658  | .0012724 | .0033077 | .0029221 |
| %RSD   | .3397108 | 40.09812   | 1.408088 | .1949226 | 1.676434 | 1.472960 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3855819 | -.010990 | 1.032500 | .6513326 | .1991703 | .1950358 |
| #2 | .3870143 | -.013080 | 1.032572 | .6537938 | .1992590 | .1997005 |
| #3 | .3882071 | -.005446 | 1.057924 | .6531231 | .1934861 | .2004173 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2012452 |
| Stddev | .0006226 |
| %RSD   | .3094006 |

|    |          |
|----|----------|
| #1 | .2005367 |
| #2 | .2017052 |
| #3 | .2014939 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2223.890 | 2575.747 | 51153.59 | 5195.317 | 3942.527 |
| Stddev    | 15.985   | 4.756    | 372.87   | 30.976   | 9.228    |
| %RSD      | .7188005 | .1846319 | .7289129 | .5962210 | .2340673 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2205.875 | 2573.530 | 50806.13 | 5195.100 | 3933.671 |
| #2 | 2236.380 | 2581.206 | 51547.51 | 5226.400 | 3952.087 |
| #3 | 2229.416 | 2572.504 | 51107.13 | 5164.450 | 3941.822 |

Sample Name: CCV03      Acquired: 03/22/2019 18:53:26      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>5.086430</b> | <b>5.012081</b> | <b>5.122823</b> | <b>5.034989</b> | <b>5.071367</b> | <b>10.34971</b> | <b>10.16362</b> |
| Stddev | .008744         | .014911         | .011617         | .013151         | .010808         | .03024          | .03853          |
| %RSD   | .1719176        | .2975037        | .2267678        | .2611911        | .2131152        | .2922114        | .3791263        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.088154 | 5.003710 | 5.115715 | 5.021083 | 5.059466 | 10.34135 | 10.19974 |
| #2 | 5.076953 | 5.003236 | 5.116526 | 5.036659 | 5.074065 | 10.32452 | 10.12306 |
| #3 | 5.094185 | 5.029297 | 5.136229 | 5.047226 | 5.080570 | 10.38325 | 10.16807 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2644180</b> | <b>2.542145</b> | <b>26.56359</b> | <b>1.041530</b> | <b>2.546758</b> | <b>1.296664</b> | <b>5.269084</b> |
| Stddev | .0017004        | .003594         | .19400          | .001736         | .003553         | .001034         | .040357         |
| %RSD   | .6430584        | .1413886        | .7303224        | .1667079        | .1394982        | .0797726        | .7659163        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2642905 | 2.541212 | 26.38003 | 1.042878 | 2.543410 | 1.295983 | 5.254385 |
| #2 | .2627849 | 2.539110 | 26.54418 | 1.042141 | 2.546378 | 1.296155 | 5.238136 |
| #3 | .2661785 | 2.546114 | 26.76657 | 1.039571 | 2.550485 | 1.297854 | 5.314730 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.686767</b> | <b>26.52232</b> | <b>2.509474</b> | <b>1.330427</b> | <b>26.11516</b> | <b>2.615558</b> | <b>2.645498</b> |
| Stddev | .017682         | .24420          | .004251         | .003033         | .35646          | .007198         | .012665         |
| %RSD   | .6581217        | .9207504        | .1694135        | .2279702        | 1.364972        | .2752172        | .4787326        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.666944 | 26.30622 | 2.506527 | 1.332930 | 25.74924 | 2.607918 | 2.655665 |
| #2 | 2.692442 | 26.47348 | 2.507547 | 1.331298 | 26.46135 | 2.622214 | 2.631311 |
| #3 | 2.700915 | 26.78725 | 2.514348 | 1.327054 | 26.13489 | 2.616542 | 2.649519 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>25.65832</b> | <b>5.016154</b> | <b>5.400813</b> | <b>5.125589</b> | <b>4.912404</b> | <b>5.268331</b> | <b>4.933483</b> |
| Stddev | .12191          | .009129         | .017987         | .004174         | .007193         | .020382         | .012055         |
| %RSD   | .4751456        | .1819958        | .3330486        | .0814422        | .1464308        | .3868859        | .2443458        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 25.52125 | 5.005738 | 5.399866 | 5.127016 | 4.908620 | 5.259038 | 4.934389 |
| #2 | 25.75463 | 5.019958 | 5.383318 | 5.128862 | 4.907893 | 5.254250 | 4.921000 |
| #3 | 25.69910 | 5.022767 | 5.419256 | 5.120888 | 4.920700 | 5.291703 | 4.945059 |

Sample Name: CCV03      Acquired: 03/22/2019 18:53:26      Type: Unk  
 Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>5.247754</b> | <b>5.111298</b> | <b>5.209309</b> |
| Stddev | .029014         | .004280         | .012828         |
| %RSD   | .5528871        | .0837373        | .2462460        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>5.223225</b> | <b>5.108504</b> | <b>5.201893</b> |
| #2 | <b>5.240255</b> | <b>5.109164</b> | <b>5.201914</b> |
| #3 | <b>5.279781</b> | <b>5.116225</b> | <b>5.224121</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2194.259</b> | <b>2547.781</b> | <b>50933.32</b> | <b>5199.109</b> | <b>3840.451</b> |
| Stddev    | 14.490          | 5.347           | 221.95          | 18.684          | 5.613           |
| %RSD      | .6603521        | .2098834        | .4357756        | .3593641        | .1461591        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2179.014</b> | <b>2542.870</b> | <b>50772.96</b> | <b>5182.307</b> | <b>3834.751</b> |
| #2 | <b>2195.912</b> | <b>2546.997</b> | <b>50840.35</b> | <b>5219.230</b> | <b>3845.973</b> |
| #3 | <b>2207.851</b> | <b>2553.478</b> | <b>51186.64</b> | <b>5195.791</b> | <b>3840.630</b> |

Sample Name: CCB03      Acquired: 03/22/2019 18:59:10      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0036309 | -.000276 | -.000328 | -.001945 | .0004013 | -.005195 | .0009509 |
| Stddev | .0014723 | .001649  | .000707  | .001895  | .0011073 | .002527  | .0005756 |
| %RSD   | 40.54885 | 597.3021 | 215.7857 | 97.40710 | 275.9561 | 48.63836 | 60.53551 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0025741 | -.002144 | .000417  | -.002833 | .0008732 | -.005079 | .0003392 |
| #2 | .0030061 | .000975  | -.000990 | .000230  | .0011944 | -.007779 | .0014820 |
| #3 | .0053126 | .000341  | -.000410 | -.003233 | -.000864 | -.002729 | .0010316 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000059 | -.000044 | -.015484 | .0002904 | -.000010 | .0018202 | .0269962 |
| Stddev | .0000802 | .000048  | .006839  | .0002689 | .000260  | .0022852 | .0020497 |
| %RSD   | 1356.721 | 108.4869 | 44.16797 | 92.60403 | 2606.028 | 125.5452 | 7.592759 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000022 | -.000088 | -.007912 | -.000007 | .000269  | .0021403 | .0261649 |
| #2 | -.000056 | .000007  | -.021211 | .000363  | -.000245 | -.000608 | .0254926 |
| #3 | .000096  | -.000051 | -.017329 | .000516  | -.000054 | .003928  | .0293310 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001049 | -.024572 | .0003884 | -.000212 | -.230898 | -.003150 | .0001412 |
| Stddev | .000343  | .061299  | .0004873 | .000560  | .240271  | .006753  | .0003402 |
| %RSD   | 32.67456 | 249.4698 | 125.4833 | 264.5749 | 104.0593 | 214.3824 | 240.8746 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001441 | .001133  | -.000169 | -.000848 | -.139411 | -.010253 | .0003512 |
| #2 | -.000803 | -.094538 | .000736  | .000007  | -.049810 | -.002387 | .0003238 |
| #3 | -.000904 | .019690  | .000598  | .000206  | -.503474 | .003189  | -.000251 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.161066 | -.003069 | .0015361 | -.000399 | -.004066 | .0014036 | -.001556 |
| Stddev | .014985  | .002093  | .0017184 | .000280  | .002579  | .0011359 | .000290  |
| %RSD   | 9.303951 | 68.20778 | 111.8669 | 70.29265 | 63.42607 | 80.93105 | 18.62616 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.157609 | -.001967 | .0001899 | -.000078 | -.001569 | .0002224 | -.001320 |
| #2 | -.148110 | -.001757 | .0034717 | -.000597 | -.003910 | .0024882 | -.001879 |
| #3 | -.177477 | -.005483 | .0009468 | -.000521 | -.006719 | .0015002 | -.001468 |

Sample Name: CCB03      Acquired: 03/22/2019 18:59:10      Type: Unk  
 Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0007446 | -.000534 | -.000016 |
| Stddev | .0008837 | .000911  | .000094  |
| %RSD   | 118.6913 | 170.6805 | 601.5747 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000108 | -.001551 | -.000123 |
| #2 | .001657  | .000209  | .000055  |
| #3 | .000685  | -.000260 | .000021  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2223.000 | 2595.719 | 50990.78 | 5202.158 | 3961.892 |
| Stddev    | 7.561    | 2.946    | 64.65    | 45.658   | 2.889    |
| %RSD      | .3401105 | .1134845 | .1267964 | .8776757 | .0729323 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2215.428 | 2594.962 | 50928.98 | 5218.400 | 3958.954 |
| #2 | 2223.024 | 2598.970 | 50985.40 | 5150.600 | 3964.730 |
| #3 | 2230.549 | 2593.226 | 51057.96 | 5237.475 | 3961.993 |

Sample Name: PB118147BS      Acquired: 03/22/2019 19:03:03      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7869088</b> | <b>1.946875</b> | <b>.9934002</b> | <b>1.958518</b> | <b>.7865357</b> | <b>2.079407</b> |
| Stddev | .0015857        | .006926         | .0029387        | .002645         | .0035965        | .010048         |
| %RSD   | .2015050        | .3557633        | .2958200        | .1350727        | .4572565        | .4832230        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7861490 | 1.951658 | .9964276 | 1.959108 | .7834851 | 2.090007 |
| #2 | .7858460 | 1.938932 | .9905591 | 1.955627 | .7905013 | 2.078191 |
| #3 | .7887314 | 1.950033 | .9932141 | 1.960818 | .7856207 | 2.070021 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2036844</b> | <b>.2117854</b> | <b>.2005102</b> | <b>1.070610</b> | <b>.4193848</b> | <b>.2025179</b> |
| Stddev | .0027874        | .0005391        | .0004858        | .024319         | .0010466        | .0004724        |
| %RSD   | 1.368505        | .2545729        | .2422936        | 2.271485        | .2495639        | .2332827        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2008203 | .2121113 | .2007820 | 1.055593 | .4188745 | .2020103 |
| #2 | .2063883 | .2111631 | .1999493 | 1.098668 | .4186913 | .2025988 |
| #3 | .2038446 | .2120819 | .2007993 | 1.057570 | .4205887 | .2029447 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3207955</b> | <b>3.355491</b> | <b>.2255895</b> | <b>2.154321</b> | <b>.5012576</b> | <b>.0753268</b> |
| Stddev | .0047413        | .069387         | .0012274        | .012380         | .0012530        | .0008134        |
| %RSD   | 1.477992        | 2.067863        | .5440658        | .5746550        | .2499809        | 1.079893        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3165523 | 3.280356 | .2268075 | 2.141669 | .5003573 | .0759408 |
| #2 | .3259132 | 3.368964 | .2243530 | 2.166410 | .5007268 | .0756354 |
| #3 | .3199210 | 3.417154 | .2256081 | 2.154884 | .5026887 | .0744042 |

|        |                 |                 |                 |                 |                   |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-------------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774            | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm               | ppm             |
| Avg    | <b>2.868023</b> | <b>.3252148</b> | <b>.2116349</b> | <b>10.03234</b> | <b>F 5.566878</b> | <b>.3076202</b> |
| Stddev | .146173         | .0152867        | .0008081        | .06949          | .009693           | .0006551        |
| %RSD   | 5.096633        | 4.700500        | .3818328        | .6926978        | .1741144          | .2129400        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.977573 | .3336303 | .2107512 | 10.01337 | 5.562802 | .3081336 |
| #2 | 2.924449 | .3075695 | .2123363 | 9.97429  | 5.559889 | .3078445 |
| #3 | 2.702048 | .3344447 | .2118171 | 10.10934 | 5.577943 | .3068825 |

Sample Name: PB118147BS      Acquired: 03/22/2019 19:03:03      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                   |                 |                 |                 |                 |
|--------|-----------------|-------------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820            | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm               | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3890829</b> | <b>F -.007171</b> | <b>1.064660</b> | <b>.6526132</b> | <b>.2001964</b> | <b>.2001538</b> |
| Stddev | .0009638        | .001749           | .002238         | .0031928        | .0027978        | .0035454        |
| %RSD   | .2477039        | 24.38847          | .2101836        | .4892333        | 1.397532        | 1.771361        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3880247 | -.005201 | 1.067234 | .6562877 | .1970261 | .1960967 |
| #2 | .3899103 | -.008542 | 1.063180 | .6510363 | .2012430 | .2017082 |
| #3 | .3893138 | -.007769 | 1.063566 | .6505157 | .2023200 | .2026567 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.2019171</b> |
| Stddev | .0008545        |
| %RSD   | .4231724        |

|    |          |
|----|----------|
| #1 | .2011786 |
| #2 | .2017196 |
| #3 | .2028530 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2236.859</b> | <b>2593.188</b> | <b>51358.77</b> | <b>5194.100</b> | <b>3982.856</b> |
| Stddev    | 6.646           | .828            | 231.10          | 27.162          | 6.267           |
| %RSD      | .2971321        | .0319229        | .4499792        | .5229333        | .1573618        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2243.821 | 2592.682 | 51096.52 | 5164.350 | 3975.625 |
| #2 | 2236.175 | 2592.739 | 51532.67 | 5217.575 | 3986.224 |
| #3 | 2230.581 | 2594.143 | 51447.11 | 5200.375 | 3986.720 |

Sample Name: K1963-13      Acquired: 03/22/2019 19:10:40      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BP-HN-MW24S-      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.004100</b> | <b>-.001982</b> | <b>.0016969</b> | <b>.0035606</b> | <b>.0009555</b> | <b>.0083317</b> | <b>.0908935</b> |
| Stddev | .006092         | .001033         | .0004379        | .0023046        | .0015212        | .0108072        | .0012313        |
| %RSD   | 148.5680        | 52.09526        | 25.80662        | 64.72555        | 159.2089        | 129.7127        | 1.354663        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000987  | -.003170 | .0020998 | .0009094 | .0024964 | .0148034 | .0921177 |
| #2 | -.002437 | -.001297 | .0017602 | .0046873 | -.000545 | .0143362 | .0896552 |
| #3 | -.010851 | -.001479 | .0012308 | .0050851 | .000915  | -.004145 | .0909076 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000250</b> | <b>.0003736</b> | <b>43.47004</b> | <b>.0023303</b> | <b>-.001443</b> | <b>.0058497</b> | <b>.0241244</b> |
| Stddev | .000016         | .0000565        | .25475          | .0005033        | .000095         | .0039349        | .0218599        |
| %RSD   | 6.346293        | 15.12292        | .5860412        | 21.60059        | 6.567949        | 67.26723        | 90.61330        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000267 | .0004371 | 43.59848 | .0028239 | -.001512 | .0016009 | .0476071 |
| #2 | -.000248 | .0003289 | 43.63501 | .0023491 | -.001483 | .0065797 | .0043657 |
| #3 | -.000235 | .0003547 | 43.17663 | .0018177 | -.001335 | .0093685 | .0204004 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0029155</b> | <b>10.37435</b> | <b>.0006125</b> | <b>-.000049</b> | <b>50.72929</b> | <b>-.002293</b> | <b>.0633090</b> |
| Stddev | .0007978        | .14960          | .0006056        | .000077         | .48470          | .003839         | .0001438        |
| %RSD   | 27.36564        | 1.442030        | 98.87138        | 156.6514        | .9554688        | 167.4337        | .2271825        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0021796 | 10.20940 | .0004125 | -.000135 | 50.39700 | -.006059 | .0631866 |
| #2 | .0037634 | 10.41239 | .0012928 | -.000028 | 51.28546 | .001615  | .0632731 |
| #3 | .0028035 | 10.50126 | .0001322 | .000015  | 50.50540 | -.002434 | .0634674 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>6.082442</b> | <b>.0136117</b> | <b>.0398003</b> | <b>-.000344</b> | <b>6.423129</b> | <b>4.621851</b> | <b>-.003681</b> |
| Stddev | .061766         | .0049856        | .0004951        | .000149         | .004964         | .050322         | .001625         |
| %RSD   | 1.015486        | 36.62746        | 1.244071        | 43.23789        | .0772773        | 1.088775        | 44.13843        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.071179 | .0078774 | .0403687 | -.000442 | 6.420486 | 4.676274 | -.005522 |
| #2 | 6.027082 | .0160376 | .0395696 | -.000173 | 6.420045 | 4.612270 | -.003079 |
| #3 | 6.149065 | .0169201 | .0394626 | -.000418 | 6.428854 | 4.577008 | -.002444 |

Sample Name: K1963-13      Acquired: 03/22/2019 19:10:40      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BP-HN-MW24S-      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000541</b> | <b>-.000046</b> | <b>.2766286</b> |
| Stddev | .000876         | .000808         | .0002690        |
| %RSD   | 161.8486        | 1767.585        | .0972529        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.001389</b> | <b>-.000885</b> | <b>.2764449</b> |
| #2 | <b>.000360</b>  | <b>.000021</b>  | <b>.2765035</b> |
| #3 | <b>-.000593</b> | <b>.000727</b>  | <b>.2769374</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2218.755</b> | <b>2581.264</b> | <b>51709.03</b> | <b>5257.083</b> | <b>3972.305</b> |
| Stddev    | 9.147           | 3.396           | 45.24           | 63.379          | 5.118           |
| %RSD      | .4122569        | .1315694        | .0874976        | 1.205601        | .1288333        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2226.910</b> | <b>2578.212</b> | <b>51753.04</b> | <b>5196.525</b> | <b>3972.500</b> |
| #2 | <b>2220.491</b> | <b>2584.923</b> | <b>51662.65</b> | <b>5251.775</b> | <b>3967.093</b> |
| #3 | <b>2208.865</b> | <b>2580.658</b> | <b>51711.41</b> | <b>5322.950</b> | <b>3977.322</b> |

Sample Name: PB118147TB      Acquired: 03/22/2019 19:14:31      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.004605</b> | <b>-.002892</b> | <b>.0008295</b> | <b>.0037603</b> | <b>.0013312</b> | <b>.0060309</b> |
| Stddev | .001552         | .001491         | .0004798        | .0018445        | .0020873        | .0109239        |
| %RSD   | 33.70261        | 51.54497        | 57.84599        | 49.05353        | 156.7983        | 181.1323        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.006073</b> | <b>-.002196</b> | <b>.0012237</b> | <b>.0023815</b> | <b>.0035218</b> | <b>.0182873</b> |
| #2 | <b>-.002981</b> | <b>-.004604</b> | <b>.0002952</b> | <b>.0058556</b> | <b>-.000634</b> | <b>-.002680</b> |
| #3 | <b>-.004760</b> | <b>-.001877</b> | <b>.0009696</b> | <b>.0030437</b> | <b>.001106</b>  | <b>.002485</b>  |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0012739</b> | <b>-.000317</b> | <b>-.000114</b> | <b>.0260532</b> | <b>.0006262</b> | <b>-.000248</b> |
| Stddev | .0003380        | .000032         | .000042         | .0307708        | .0007841        | .000087         |
| %RSD   | 26.52922        | 10.18501        | 37.13335        | 118.1074        | 125.2039        | 35.00097        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0012363</b> | <b>-.000319</b> | <b>-.000113</b> | <b>.0610469</b> | <b>.0005894</b> | <b>-.000153</b> |
| #2 | <b>.0009563</b> | <b>-.000284</b> | <b>-.000073</b> | <b>.0138876</b> | <b>.0014281</b> | <b>-.000323</b> |
| #3 | <b>.0016291</b> | <b>-.000349</b> | <b>-.000157</b> | <b>.0032252</b> | <b>-.000139</b> | <b>-.000270</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0014488</b> | <b>.0243733</b> | <b>-.001913</b> | <b>-.038908</b> | <b>.0026213</b> | <b>.0016171</b> |
| Stddev | .0047341        | .0088843        | .000806         | .039464         | .0001552        | .0003876        |
| %RSD   | 326.7713        | 36.45073        | 42.13893        | 101.4280        | 5.919568        | 23.96745        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0066425</b> | <b>.0247254</b> | <b>-.002756</b> | <b>-.029088</b> | <b>.0027986</b> | <b>.0011696</b> |
| #2 | <b>-.002625</b> | <b>.0153183</b> | <b>-.001833</b> | <b>-.082355</b> | <b>.0025101</b> | <b>.0018371</b> |
| #3 | <b>.000329</b>  | <b>.0330764</b> | <b>-.001150</b> | <b>-.005282</b> | <b>.0025551</b> | <b>.0018447</b> |

|        |                   |                 |                 |                 |                 |                 |
|--------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na8183            | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496          |
| Units  | ppm               | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>F 242.9452</b> | <b>.0040626</b> | <b>.0030301</b> | <b>-.410350</b> | <b>.0011483</b> | <b>-.002074</b> |
| Stddev | .8633             | .0028876        | .0002554        | .064993         | .0018882        | .000541         |
| %RSD   | .3553564          | 71.07825        | 8.427397        | 15.83847        | 164.4374        | 26.10141        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>242.1038</b> | <b>.0011819</b> | <b>.0030132</b> | <b>-.470444</b> | <b>-.000887</b> | <b>-.001735</b> |
| #2 | <b>243.8289</b> | <b>.0069571</b> | <b>.0032935</b> | <b>-.341371</b> | <b>.001490</b>  | <b>-.001790</b> |
| #3 | <b>242.9030</b> | <b>.0040488</b> | <b>.0027836</b> | <b>-.419235</b> | <b>.002842</b>  | <b>-.002699</b> |

Sample Name: PB118147TB      Acquired: 03/22/2019 19:14:31      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000260</b> | <b>.0089587</b> | <b>.0106302</b> | <b>-.001959</b> | <b>.0013803</b> | <b>-.001058</b> |
| Stddev | .000227         | .0047558        | .0023128        | .000679         | .0023818        | .001153         |
| %RSD   | 87.20621        | 53.08516        | 21.75696        | 34.67461        | 172.5623        | 108.9586        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000010</b> | <b>.0125983</b> | <b>.0084967</b> | <b>-.002477</b> | <b>.0011318</b> | <b>-.001828</b> |
| #2 | <b>-.000454</b> | <b>.0035777</b> | <b>.0103058</b> | <b>-.002209</b> | <b>-.000868</b> | <b>.000267</b>  |
| #3 | <b>-.000317</b> | <b>.0107001</b> | <b>.0130881</b> | <b>-.001190</b> | <b>.003877</b>  | <b>-.001614</b> |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.0000825</b> |
| Stddev | .0000656        |
| %RSD   | 79.47795        |

|    |                 |
|----|-----------------|
| #1 | <b>.0000243</b> |
| #2 | <b>.0000697</b> |
| #3 | <b>.0001536</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2223.992</b> | <b>2570.921</b> | <b>52037.54</b> | <b>5300.242</b> | <b>3890.471</b> |
| Stddev    | 19.959          | 6.051           | 280.92          | 27.336          | 11.366          |
| %RSD      | .8974593        | .2353770        | .5398405        | .5157555        | .2921493        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2201.239</b> | <b>2564.116</b> | <b>51757.49</b> | <b>5269.250</b> | <b>3886.669</b> |
| #2 | <b>2232.193</b> | <b>2575.697</b> | <b>52035.79</b> | <b>5310.550</b> | <b>3903.251</b> |
| #3 | <b>2238.546</b> | <b>2572.951</b> | <b>52319.33</b> | <b>5320.925</b> | <b>3881.494</b> |

Sample Name: K1963-15      Acquired: 03/22/2019 19:18:24      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BP-DUP04-201 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.002987</b> | <b>-.003266</b> | <b>.0006989</b> | <b>.0050629</b> | <b>.0017044</b> | <b>.0241258</b> | <b>.0898206</b> |
| Stddev | .004600         | .000926         | .0007323        | .0015654        | .0011552        | .0097117        | .0004053        |
| %RSD   | 153.9858        | 28.35006        | 104.7834        | 30.91834        | 67.78188        | 40.25427        | .4512371        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.004439</b> | <b>-.003929</b> | <b>.0004711</b> | <b>.0034407</b> | <b>.0009780</b> | <b>.0267173</b> | <b>.0901576</b> |
| #2 | <b>.002163</b>  | <b>-.003662</b> | <b>.0015180</b> | <b>.0051835</b> | <b>.0010985</b> | <b>.0133813</b> | <b>.0899333</b> |
| #3 | <b>-.006685</b> | <b>-.002208</b> | <b>.0001075</b> | <b>.0065645</b> | <b>.0030365</b> | <b>.0322788</b> | <b>.0893708</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000328</b> | <b>.0001326</b> | <b>42.22107</b> | <b>.0033178</b> | <b>-.001669</b> | <b>.0014838</b> | <b>.0329503</b> |
| Stddev | .000035         | .0000274        | .44249          | .0002963        | .000081         | .0030672        | .0071705        |
| %RSD   | 10.79962        | 20.69648        | 1.048035        | 8.930237        | 4.837971        | 206.7042        | 21.76146        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000289</b> | <b>.0001377</b> | <b>42.62075</b> | <b>.0029757</b> | <b>-.001752</b> | <b>.0002410</b> | <b>.0251794</b> |
| #2 | <b>-.000359</b> | <b>.0001572</b> | <b>42.29690</b> | <b>.0034854</b> | <b>-.001664</b> | <b>-.000767</b> | <b>.0343608</b> |
| #3 | <b>-.000337</b> | <b>.0001030</b> | <b>41.74557</b> | <b>.0034922</b> | <b>-.001591</b> | <b>.004977</b>  | <b>.0393107</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0006397</b> | <b>10.02845</b> | <b>.0007444</b> | <b>-.000164</b> | <b>49.19185</b> | <b>-.004750</b> | <b>.0133527</b> |
| Stddev | .0009279        | .23387          | .0000960        | .000363         | .41441          | .005792         | .0005560        |
| %RSD   | 145.0394        | 2.332044        | 12.90037        | 221.5556        | .8424401        | 121.9233        | 4.164146        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000017</b> | <b>10.16136</b> | <b>.0006543</b> | <b>-.000582</b> | <b>49.42282</b> | <b>-.011035</b> | <b>.0134590</b> |
| #2 | <b>.000234</b>  | <b>10.16557</b> | <b>.0007335</b> | <b>.000067</b>  | <b>49.43930</b> | <b>.000373</b>  | <b>.0138479</b> |
| #3 | <b>.001701</b>  | <b>9.75841</b>  | <b>.0008455</b> | <b>.000024</b>  | <b>48.71342</b> | <b>-.003589</b> | <b>.0127511</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>5.790458</b> | <b>.0078949</b> | <b>.0369205</b> | <b>-.000254</b> | <b>6.099091</b> | <b>4.460329</b> | <b>-.003412</b> |
| Stddev | .046049         | .0029235        | .0002561        | .000125         | .024338         | .014008         | .001144         |
| %RSD   | .7952521        | 37.02970        | .6935274        | 49.38554        | .3990437        | .3140643        | 33.52967        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>5.840755</b> | <b>.0063958</b> | <b>.0372027</b> | <b>-.000193</b> | <b>6.081610</b> | <b>4.469295</b> | <b>-.004732</b> |
| #2 | <b>5.780249</b> | <b>.0112638</b> | <b>.0368558</b> | <b>-.000398</b> | <b>6.088775</b> | <b>4.467505</b> | <b>-.002699</b> |
| #3 | <b>5.750371</b> | <b>.0060251</b> | <b>.0367029</b> | <b>-.000171</b> | <b>6.126888</b> | <b>4.444186</b> | <b>-.002806</b> |

Sample Name: K1963-15      Acquired: 03/22/2019 19:18:24      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BP-DUP04-201 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0001671</b> | <b>-.000357</b> | <b>.2697371</b> |
| Stddev | .0007553        | .001669         | .0001848        |
| %RSD   | 451.9332        | 467.5699        | .0684964        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0007673</b> | <b>.001544</b>  | <b>.2699357</b> |
| #2 | <b>.0004150</b> | <b>-.001583</b> | <b>.2695703</b> |
| #3 | <b>-.000681</b> | <b>-.001032</b> | <b>.2697053</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2212.984</b> | <b>2589.065</b> | <b>51533.79</b> | <b>5229.892</b> | <b>3983.565</b> |
| Stddev    | 12.957          | 5.499           | 432.33          | 45.527          | 4.460           |
| %RSD      | .5855131        | .2123833        | .8389166        | .8705085        | .1119672        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2198.035</b> | <b>2586.146</b> | <b>51068.95</b> | <b>5190.375</b> | <b>3978.483</b> |
| #2 | <b>2220.991</b> | <b>2585.640</b> | <b>51608.60</b> | <b>5219.625</b> | <b>3985.381</b> |
| #3 | <b>2219.927</b> | <b>2595.407</b> | <b>51923.83</b> | <b>5279.675</b> | <b>3986.830</b> |

Sample Name: K1969-04      Acquired: 03/22/2019 19:22:13      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BPS1-TT-MW31      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.002330</b> | <b>-.003039</b> | <b>.0016469</b> | <b>.0044404</b> | <b>.0017314</b> | <b>.0129952</b> | <b>.0457905</b> |
| Stddev | .005018         | .003592         | .0019917        | .0011071        | .0008598        | .0139768        | .0006989        |
| %RSD   | 215.3966        | 118.1798        | 120.9322        | 24.93149        | 49.65549        | 107.5534        | 1.526256        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.008120</b> | <b>.000883</b>  | <b>-.000361</b> | <b>.0044613</b> | <b>.0013307</b> | <b>.0178028</b> | <b>.0464326</b> |
| #2 | <b>.000376</b>  | <b>-.003833</b> | <b>.003622</b>  | <b>.0033231</b> | <b>.0011452</b> | <b>-.002751</b> | <b>.0458928</b> |
| #3 | <b>.000755</b>  | <b>-.006167</b> | <b>.001680</b>  | <b>.0055369</b> | <b>.0027184</b> | <b>.023934</b>  | <b>.0450462</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000266</b> | <b>.0013377</b> | <b>17.51056</b> | <b>.0032985</b> | <b>-.001115</b> | <b>-.000023</b> | <b>.0169908</b> |
| Stddev | .000055         | .0000236        | .04785          | .0004540        | .000216         | .004481         | .0055406        |
| %RSD   | 20.75812        | 1.764580        | .2732455        | 13.76227        | 19.37357        | 19819.10        | 32.60921        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000329</b> | <b>.0013439</b> | <b>17.45589</b> | <b>.0031892</b> | <b>-.001217</b> | <b>.003335</b>  | <b>.0212235</b> |
| #2 | <b>-.000224</b> | <b>.0013575</b> | <b>17.54478</b> | <b>.0029092</b> | <b>-.001261</b> | <b>.001708</b>  | <b>.0190290</b> |
| #3 | <b>-.000245</b> | <b>.0013116</b> | <b>17.53101</b> | <b>.0037971</b> | <b>-.000867</b> | <b>-.005111</b> | <b>.0107198</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0013775</b> | <b>4.537067</b> | <b>.0012660</b> | <b>.0000478</b> | <b>48.29323</b> | <b>-.004580</b> | <b>.0213404</b> |
| Stddev | .0007111        | .038551         | .0005108        | .0001217        | .08107          | .003799         | .0006695        |
| %RSD   | 51.62398        | .8496805        | 40.34485        | 254.3615        | .1678660        | 82.94142        | 3.137409        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0020740</b> | <b>4.507195</b> | <b>.0006950</b> | <b>.0001623</b> | <b>48.38501</b> | <b>-.000364</b> | <b>.0221034</b> |
| #2 | <b>.0014060</b> | <b>4.580584</b> | <b>.0016793</b> | <b>-.000080</b> | <b>48.26328</b> | <b>-.005640</b> | <b>.0210666</b> |
| #3 | <b>.0006526</b> | <b>4.523421</b> | <b>.0014237</b> | <b>.000061</b>  | <b>48.23140</b> | <b>-.007736</b> | <b>.0208511</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>3.557088</b> | <b>.0029140</b> | <b>.0483579</b> | <b>-.000190</b> | <b>5.863461</b> | <b>4.931527</b> | <b>-.003092</b> |
| Stddev | .083377         | .0004471        | .0009728        | .000038         | .005615         | .019638         | .000158         |
| %RSD   | 2.343965        | 15.34353        | 2.011606        | 20.15131        | .0957629        | .3982034        | 5.105242        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3.614650</b> | <b>.0024173</b> | <b>.0487705</b> | <b>-.000197</b> | <b>5.859821</b> | <b>4.940176</b> | <b>-.003080</b> |
| #2 | <b>3.595140</b> | <b>.0032843</b> | <b>.0472468</b> | <b>-.000224</b> | <b>5.869928</b> | <b>4.909049</b> | <b>-.002941</b> |
| #3 | <b>3.461474</b> | <b>.0030403</b> | <b>.0490563</b> | <b>-.000149</b> | <b>5.860634</b> | <b>4.945355</b> | <b>-.003256</b> |

Sample Name: K1969-04      Acquired: 03/22/2019 19:22:13      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BPS1-TT-MW31      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0019895 | -.001817 | .1162074 |
| Stddev | .0024027 | .000474  | .0003859 |
| %RSD   | 120.7742 | 26.10850 | .3320996 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0013630 | -.002229 | .1164737 |
| #2 | .0046434 | -.001298 | .1163836 |
| #3 | -.000038 | -.001924 | .1157648 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2209.661 | 2587.048 | 51209.50 | 5201.492 | 3990.057 |
| Stddev    | 15.720   | 2.788    | 410.57   | 4.294    | 8.216    |
| %RSD      | .7114318 | .1077711 | .8017478 | .0825544 | .2059226 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2217.061 | 2583.989 | 51374.97 | 5199.025 | 3980.754 |
| #2 | 2191.607 | 2589.447 | 50742.01 | 5199.000 | 3993.097 |
| #3 | 2220.317 | 2587.707 | 51511.51 | 5206.450 | 3996.320 |

Sample Name: K1969-10      Acquired: 03/22/2019 19:26:02      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BP-TT-AOC22-      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0023133 | -.001659 | .0023535 | .0042098 | .0037149 | .0230715 | .2696741 |
| Stddev | .0046149 | .002254  | .0006494 | .0013305 | .0006960 | .0185303 | .0000943 |
| %RSD   | 199.4903 | 135.8774 | 27.59449 | 31.60512 | 18.73435 | 80.31712 | .0349786 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001872 | .000871  | .0029942 | .0039121 | .0045147 | .0416204 | .2695809 |
| #2 | .007263  | -.002396 | .0023706 | .0030533 | .0032477 | .0045598 | .2696720 |
| #3 | .001549  | -.003452 | .0016957 | .0056639 | .0033822 | .0230341 | .2697695 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000282 | -.000082 | 49.92701 | .0148547 | -.001268 | .0047783 | .0477684 |
| Stddev | .000044  | .000004  | .16911   | .0007156 | .000123  | .0033305 | .0219024 |
| %RSD   | 15.76044 | 5.133163 | .3387187 | 4.817565 | 9.678382 | 69.70110 | 45.85117 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000252 | -.000080 | 49.97136 | .0151373 | -.001318 | .0076386 | .0694318 |
| #2 | -.000262 | -.000079 | 50.06953 | .0153860 | -.001128 | .0011219 | .0256347 |
| #3 | -.000333 | -.000087 | 49.74014 | .0140410 | -.001358 | .0055743 | .0482387 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0835809 | 12.53780 | .0005599 | -.000243 | 45.71722 | .0003632 | .0123601 |
| Stddev | .0005540 | .20733   | .0006534 | .000091  | .18631   | .0007972 | .0004159 |
| %RSD   | .6627904 | 1.653665 | 116.7082 | 37.46845 | .4075350 | 219.4875 | 3.364779 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0842194 | 12.38144 | .0005859 | -.000272 | 45.84752 | .0000262 | .0127449 |
| #2 | .0832285 | 12.77299 | .0011998 | -.000316 | 45.80033 | .0012735 | .0119189 |
| #3 | .0832948 | 12.45897 | -.000106 | -.000141 | 45.50381 | -.000210 | .0124164 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.661274 | .1301569 | .0853360 | -.000253 | 20.76042 | 10.45621 | -.004073 |
| Stddev | .033702  | .0026651 | .0010651 | .000235  | .00210   | .12929   | .000739  |
| %RSD   | .3891094 | 2.047564 | 1.248130 | 92.92867 | .0101200 | 1.236447 | 18.14229 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.679032 | .1323933 | .0865037 | -.000523 | 20.75953 | 10.59930 | -.003226 |
| #2 | 8.622407 | .1308692 | .0850864 | -.000140 | 20.75891 | 10.42155 | -.004407 |
| #3 | 8.682384 | .1272080 | .0844179 | -.000096 | 20.76282 | 10.34779 | -.004586 |

Sample Name: K1969-10      Acquired: 03/22/2019 19:26:02      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BP-TT-AOC22-      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000753</b> | <b>.0014700</b> | <b>.4250106</b> |
| Stddev | .000842         | .0025630        | .0001480        |
| %RSD   | 111.7937        | 174.3536        | .0348259        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.000232</b> | <b>-.001273</b> | <b>.4248460</b> |
| #2 | <b>-.001724</b> | <b>.001878</b>  | <b>.4250528</b> |
| #3 | <b>-.000303</b> | <b>.003804</b>  | <b>.4251329</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2206.581</b> | <b>2579.825</b> | <b>51336.90</b> | <b>5185.701</b> | <b>3974.790</b> |
| Stddev    | 2.244           | 7.540           | 237.84          | 71.220          | 12.662          |
| %RSD      | .1017037        | .2922516        | .4632832        | 1.373393        | .3185502        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2206.912</b> | <b>2571.267</b> | <b>51151.88</b> | <b>5111.358</b> | <b>3961.258</b> |
| #2 | <b>2204.189</b> | <b>2582.723</b> | <b>51253.65</b> | <b>5192.423</b> | <b>3986.350</b> |
| #3 | <b>2208.641</b> | <b>2585.486</b> | <b>51605.17</b> | <b>5253.322</b> | <b>3976.763</b> |

Sample Name: K1969-11      Acquired: 03/22/2019 19:29:51      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BP-TT-DUP06-      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0010034 | -.004305 | .0031497 | .0035052 | .0020353 | .0255438 | .2435725 |
| Stddev | .0009249 | .001637  | .0012585 | .0020094 | .0009949 | .0018802 | .0006639 |
| %RSD   | 92.18085 | 38.02885 | 39.95664 | 57.32464 | 48.88466 | 7.360840 | .2725723 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0020344 | -.003404 | .0033240 | .0011851 | .0009372 | .0244310 | .2430488 |
| #2 | .0002464 | -.003317 | .0043119 | .0046815 | .0028767 | .0277147 | .2443192 |
| #3 | .0007294 | -.006195 | .0018131 | .0046490 | .0022919 | .0244858 | .2433494 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000276 | -.000000 | 44.76818 | .0135772 | -.001328 | .0014878 | .0801328 |
| Stddev | .000024  | .000041  | .29876   | .0006767 | .000141  | .0030576 | .0056359 |
| %RSD   | 8.528451 | 12924.35 | .6673593 | 4.984204 | 10.62452 | 205.5055 | 7.033164 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000269 | .000042  | 44.50391 | .0142999 | -.001410 | .0038000 | .0866200 |
| #2 | -.000302 | -.000004 | 45.09236 | .0129585 | -.001165 | .0026423 | .0773367 |
| #3 | -.000257 | -.000039 | 44.70827 | .0134732 | -.001408 | -.001979 | .0764417 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0748605 | 11.25512 | .0009298 | -.000032 | 41.10618 | -.003970 | .0103842 |
| Stddev | .0020109 | .15533   | .0001400 | .000386  | .27231   | .002564  | .0000613 |
| %RSD   | 2.686214 | 1.380104 | 15.05510 | 1189.575 | .6624633 | 64.57711 | .5900432 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0771807 | 11.08027 | .0010752 | .000413  | 40.81534 | -.003519 | .0103669 |
| #2 | .0736208 | 11.30794 | .0009183 | -.000269 | 41.35511 | -.001662 | .0103334 |
| #3 | .0737800 | 11.37716 | .0007960 | -.000241 | 41.14808 | -.006729 | .0104522 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.609330 | .1191147 | .0775242 | -.000283 | 18.80312 | 9.444142 | -.002843 |
| Stddev | .099141  | .0001833 | .0001828 | .000273  | .01287   | .058248  | .001056  |
| %RSD   | 1.302881 | .1538447 | .2358387 | 96.40860 | .0684309 | .6167647 | 37.13419 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.506862 | .1189072 | .0773160 | -.000291 | 18.80003 | 9.382341 | -.003270 |
| #2 | 7.616359 | .1191824 | .0775978 | -.000551 | 18.81725 | 9.498028 | -.001640 |
| #3 | 7.704769 | .1192545 | .0776588 | -.000006 | 18.79208 | 9.452056 | -.003617 |

Sample Name: K1969-11      Acquired: 03/22/2019 19:29:51      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BP-TT-DUP06-      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000236</b> | <b>-.001323</b> | <b>.3841791</b> |
| Stddev | .002138         | .001921         | .0010736        |
| %RSD   | 906.3616        | 145.2404        | .2794508        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .001257  | -.003015 | .3830323 |
| #2 | .000721  | -.001719 | .3843448 |
| #3 | -.002686 | .000765  | .3851602 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2234.662</b> | <b>2602.983</b> | <b>52006.13</b> | <b>5300.647</b> | <b>4003.587</b> |
| Stddev    | 21.881          | 6.536           | 323.27          | 2.066           | 7.343           |
| %RSD      | .9791501        | .2511055        | .6215909        | .0389688        | .1834167        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2209.705 | 2596.510 | 51673.90 | 5298.274 | 3995.378 |
| #2 | 2250.548 | 2602.859 | 52319.61 | 5302.044 | 4005.854 |
| #3 | 2243.734 | 2609.580 | 52024.86 | 5301.623 | 4009.529 |

Sample Name: K1984-01      Acquired: 03/22/2019 19:33:39      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: SB-12(7-8)      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0973083</b> | <b>-.010739</b> | <b>3.988116</b> | <b>.0339193</b> | <b>.0055617</b> | <b>90.07996</b> | <b>2.846967</b> |
| Stddev | .0036917        | .004324         | .007761         | .0045322        | .0027733        | .11500          | .008173         |
| %RSD   | 3.793781        | 40.26391        | .1946114        | 13.36162        | 49.86398        | .1276671        | .2870696        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0931397 | -.012656 | 3.995763 | .0293366 | .0024369 | 89.95409 | 2.855909 |
| #2 | .1001641 | -.013772 | 3.980245 | .0383992 | .0065176 | 90.17955 | 2.845106 |
| #3 | .0986211 | -.005788 | 3.988341 | .0340221 | .0077307 | 90.10624 | 2.839884 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0087492</b> | <b>.0000516</b> | <b>81.09404</b> | <b>.1286591</b> | <b>.0753263</b> | <b>.5913606</b> | <b>165.9764</b> |
| Stddev | .0000717        | .0000528        | .58445          | .0005703        | .0001821        | .0062390        | 1.2132          |
| %RSD   | .8195166        | 102.4629        | .7207093        | .4432557        | .2417175        | 1.055020        | .7309671        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0086789 | .0001080 | 80.45978 | .1292187 | .0754903 | .5925762 | 164.6238 |
| #2 | .0088222 | .0000434 | 81.61084 | .1286799 | .0751304 | .5846032 | 166.9684 |
| #3 | .0087464 | .0000033 | 81.21149 | .1280787 | .0753581 | .5969023 | 166.3371 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.415290</b> | <b>22.89830</b> | <b>.2021852</b> | <b>.0114380</b> | <b>6.051062</b> | <b>.2928876</b> | <b>1.131325</b> |
| Stddev | .015378         | .23611          | .0011874        | .0000914        | .260658         | .0045038        | .006658         |
| %RSD   | .6366930        | 1.031104        | .5873011        | .7994060        | 4.307633        | 1.537709        | .5885094        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.398564 | 22.69194 | .2033332 | .0115410 | 5.843535 | .2942923 | 1.132028 |
| #2 | 2.428817 | 23.15578 | .2009619 | .0113664 | 5.966034 | .2878489 | 1.124343 |
| #3 | 2.418487 | 22.84719 | .2022604 | .0114065 | 6.343615 | .2965217 | 1.137604 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>8.138298</b> | <b>12.28144</b> | <b>-.053586</b> | <b>.0185462</b> | <b>27.73260</b> | <b>3.919933</b> | <b>.2949240</b> |
| Stddev | .067250         | .02225          | .000761         | .0001648        | .01901          | .015668         | .0006800        |
| %RSD   | .8263345        | .1811846        | 1.420591        | .8884965        | .0685599        | .3996974        | .2305830        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.067273 | 12.28155 | -.053405 | .0186532 | 27.75446 | 3.902059 | .2955750 |
| #2 | 8.200996 | 12.25914 | -.052932 | .0186290 | 27.71991 | 3.926450 | .2949787 |
| #3 | 8.146624 | 12.30364 | -.054422 | .0183565 | 27.72344 | 3.931291 | .2942182 |

Sample Name: K1984-01      Acquired: 03/22/2019 19:33:39      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: SB-12(7-8)      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>1.429899</b> | <b>.1874278</b> | <b>1.644135</b> |
| Stddev | .004398         | .0014103        | .001700         |
| %RSD   | .3075546        | .7524301        | .1033845        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.425096 | .1877880 | 1.645114 |
| #2 | 1.430871 | .1886230 | 1.642173 |
| #3 | 1.433729 | .1858723 | 1.645119 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2446.509</b> | <b>2862.004</b> | <b>57063.61</b> | <b>5804.424</b> | <b>3965.867</b> |
| Stddev    | 3.614           | 8.635           | 94.68           | 24.729          | 7.574           |
| %RSD      | .1477254        | .3017253        | .1659205        | .4260295        | .1909858        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2445.572 | 2864.668 | 57170.51 | 5829.802 | 3963.469 |
| #2 | 2450.499 | 2868.993 | 57030.02 | 5780.401 | 3974.350 |
| #3 | 2443.456 | 2852.350 | 56990.31 | 5803.070 | 3959.782 |

Sample Name: K1984-02      Acquired: 03/22/2019 19:37:20      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: SB-12(14-15) Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0329669 | -.013349 | .1106045 | .0384689 | .0053248 | 137.7443 | .2140557 |
| Stddev | .0022833 | .002884  | .0015045 | .0027436 | .0007500 | .9841    | .0010222 |
| %RSD   | 6.926048 | 21.60780 | 1.360227 | 7.132033 | 14.08481 | .7144575 | .4775159 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0303749 | -.010664 | .1089724 | .0413091 | .0052759 | 138.1217 | .2150784 |
| #2 | .0338452 | -.016398 | .1119360 | .0358334 | .0046005 | 136.6273 | .2130341 |
| #3 | .0346807 | -.012984 | .1109050 | .0382642 | .0060981 | 138.4838 | .2140545 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0082878 | -.001330 | 3.244075 | .2143821 | .1002081 | .1704035 | 216.9221 |
| Stddev | .0002247 | .000089  | .088638  | .0009824 | .0007760 | .0042495 | 3.0289   |
| %RSD   | 2.711826 | 6.661724 | 2.732291 | .4582724 | .7743530 | 2.493765 | 1.396284 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0081246 | -.001237 | 3.300729 | .2146644 | .1010896 | .1729500 | 217.7345 |
| #2 | .0081946 | -.001340 | 3.141928 | .2151925 | .0999063 | .1654978 | 213.5699 |
| #3 | .0085441 | -.001414 | 3.289567 | .2132894 | .0996283 | .1727626 | 219.4620 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.518428 | 48.80746 | .3738849 | .0056422 | 2.922499 | .1843776 | .4653911 |
| Stddev | .025711  | .87050   | .0007986 | .0004405 | .290092  | .0007196 | .0016049 |
| %RSD   | 1.693286 | 1.783544 | .2135992 | 7.806878 | 9.926177 | .3902943 | .3448527 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.525580 | 48.65948 | .3741172 | .0058985 | 2.627516 | .1852032 | .4666218 |
| #2 | 1.489897 | 48.02043 | .3729959 | .0051336 | 2.932542 | .1840456 | .4635759 |
| #3 | 1.539805 | 49.74246 | .3745417 | .0058945 | 3.207440 | .1838838 | .4659757 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.441057 | 2.833269 | -.083290 | .0063434 | 66.41553 | 7.090345 | .0045581 |
| Stddev | .059548  | .006128  | .001377  | .0001951 | .06406   | .114839  | .0008125 |
| %RSD   | .7054589 | .2162738 | 1.653223 | 3.075122 | .0964587 | 1.619659 | 17.82608 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.450430 | 2.830275 | -.081865 | .0064116 | 66.38738 | 7.097967 | .0053203 |
| #2 | 8.377379 | 2.829214 | -.083391 | .0064952 | 66.37036 | 6.971884 | .0046507 |
| #3 | 8.495363 | 2.840318 | -.084614 | .0061234 | 66.48884 | 7.201184 | .0037032 |

Sample Name: K1984-02      Acquired: 03/22/2019 19:37:20      Type: Unk  
 Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1: SB-12(14-15) Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.9936049</b> | <b>.4879558</b> | <b>.1176074</b> |
| Stddev | .0040148        | .0006389        | .0003636        |
| %RSD   | .4040611        | .1309297        | .3091552        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.9962774</b> | <b>.4880918</b> | <b>.1177221</b> |
| #2 | <b>.9889881</b> | <b>.4872598</b> | <b>.1172003</b> |
| #3 | <b>.9955491</b> | <b>.4885157</b> | <b>.1178998</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2386.070</b> | <b>2783.954</b> | <b>55134.13</b> | <b>5611.312</b> | <b>3997.097</b> |
| Stddev    | 16.435          | 2.793           | 360.97          | 66.607          | 3.894           |
| %RSD      | .6888074        | .1003103        | .6547043        | 1.187008        | .0974222        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2369.101 | 2784.051 | 54869.65 | 5587.393 | 3997.637 |
| #2 | 2387.195 | 2786.696 | 54987.38 | 5686.575 | 4000.692 |
| #3 | 2401.914 | 2781.113 | 55545.36 | 5559.968 | 3992.961 |

Sample Name: K1984-03      Acquired: 03/22/2019 19:41:06      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: SB-11(6-7)      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1553202</b> | <b>-.034394</b> | <b>3.654210</b> | <b>.0789133</b> | <b>.0326133</b> | <b>103.4185</b> | <b>1.759198</b> |
| Stddev | .0047536        | .005554         | .005244         | .0040744        | .0021245        | .8579           | .010231         |
| %RSD   | 3.060544        | 16.14903        | .1434955        | 5.163147        | 6.514254        | .8295813        | .5815542        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1499510 | -.039769 | 3.649495 | .0809381 | .0322267 | 102.5651 | 1.747573 |
| #2 | .1570171 | -.034738 | 3.659858 | .0815787 | .0307087 | 103.4095 | 1.763186 |
| #3 | .1589926 | -.028676 | 3.653278 | .0742231 | .0349046 | 104.2810 | 1.766833 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0104905</b> | <b>.0031174</b> | <b>246.6926</b> | <b>.1532442</b> | <b>.1426495</b> | <b>2.307719</b> | <b>401.8021</b> |
| Stddev | .0001777        | .0000407        | 2.4204          | .0015182        | .0005841        | .015848         | 3.5140          |
| %RSD   | 1.694173        | 1.304534        | .9811601        | .9906886        | .4094632        | .6867468        | .8745690        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0104325 | .0031066 | 244.5766 | .1549959 | .1421435 | 2.291031 | 399.0514 |
| #2 | .0103491 | .0031624 | 246.1693 | .1523093 | .1425164 | 2.309558 | 400.5940 |
| #3 | .0106900 | .0030832 | 249.3319 | .1524273 | .1432887 | 2.322567 | 405.7608 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.104717</b> | <b>64.29345</b> | <b>.2997348</b> | <b>.0123869</b> | <b>5.686413</b> | <b>.3620869</b> | <b>2.766363</b> |
| Stddev | .039023         | .68611          | .0003549        | .0004893        | .092267         | .0059110        | .028757         |
| %RSD   | .9506953        | 1.067160        | .1183995        | 3.949820        | 1.622581        | 1.632480        | 1.039516        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.082313 | 63.69197 | .3001351 | .0124077 | 5.792947 | .3561883 | 2.748658 |
| #2 | 4.082060 | 64.14762 | .2996104 | .0118875 | 5.632116 | .3620621 | 2.799543 |
| #3 | 4.149777 | 65.04075 | .2994588 | .0128654 | 5.634176 | .3680102 | 2.750887 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>13.26871</b> | <b>40.92027</b> | <b>-.224220</b> | <b>.0172682</b> | <b>49.95034</b> | <b>2.641255</b> | <b>.3852591</b> |
| Stddev | .13659          | .00531          | .010591         | .0002826        | .02335          | .017853         | .0001680        |
| %RSD   | 1.029425        | .0129852        | 4.723464        | 1.636724        | .0467404        | .6759184        | .0436103        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.12066 | 40.92170 | -.236361 | .0170235 | 49.92708 | 2.661356 | .3850823 |
| #2 | 13.38982 | 40.91439 | -.219423 | .0175775 | 49.95018 | 2.627245 | .3852783 |
| #3 | 13.29566 | 40.92473 | -.216877 | .0172036 | 49.97377 | 2.635163 | .3854167 |

Sample Name: K1984-03      Acquired: 03/22/2019 19:41:06      Type: Unk  
 Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1: SB-11(6-7)      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>1.699497</b> | <b>.2111662</b> | <b>.6689470</b> |
| Stddev | .016948         | .0013047        | .0008486        |
| %RSD   | .9972099        | .6178695        | .1268527        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>1.687403</b> | <b>.2125920</b> | <b>.6681931</b> |
| #2 | <b>1.692221</b> | <b>.2100318</b> | <b>.6687819</b> |
| #3 | <b>1.718868</b> | <b>.2108747</b> | <b>.6698660</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2352.639</b> | <b>2733.593</b> | <b>55330.30</b> | <b>5734.107</b> | <b>3780.547</b> |
| Stddev    | 20.576          | 1.717           | 106.71          | 14.589          | .966            |
| %RSD      | .8746059        | .0628166        | .1928656        | .2544283        | .0255595        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2370.016</b> | <b>2734.685</b> | <b>55269.46</b> | <b>5717.263</b> | <b>3779.573</b> |
| #2 | <b>2329.918</b> | <b>2731.614</b> | <b>55267.92</b> | <b>5742.309</b> | <b>3780.562</b> |
| #3 | <b>2357.984</b> | <b>2734.481</b> | <b>55453.52</b> | <b>5742.750</b> | <b>3781.505</b> |

Sample Name: CCV04      Acquired: 03/22/2019 19:44:48      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CCV14736      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.990243</b> | <b>4.929391</b> | <b>5.119524</b> | <b>4.875990</b> | <b>4.978712</b> | <b>10.28748</b> | <b>9.910503</b> |
| Stddev | .005753         | .019547         | .014260         | .025549         | .016936         | .14611          | .070883         |
| %RSD   | .1152922        | .3965324        | .2785505        | .5239793        | .3401606        | 1.420231        | .7152274        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.985244 | 4.924828 | 5.111343 | 4.866157 | 4.967107 | 10.12678 | 9.828656 |
| #2 | 4.988953 | 4.912529 | 5.111238 | 4.856818 | 4.970884 | 10.32332 | 9.951218 |
| #3 | 4.996532 | 4.950815 | 5.135990 | 4.904994 | 4.998146 | 10.41232 | 9.951636 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2654032</b> | <b>2.506019</b> | <b>26.95240</b> | <b>1.055574</b> | <b>2.533257</b> | <b>1.295199</b> | <b>5.273130</b> |
| Stddev | .0026420        | .005488         | .43201          | .002880         | .006516         | .013169         | .120921         |
| %RSD   | .9954538        | .2190064        | 1.602849        | .2728716        | .2572231        | 1.016733        | 2.293163        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2625475 | 2.505056 | 26.45541 | 1.053987 | 2.532577 | 1.280706 | 5.133634 |
| #2 | .2677603 | 2.501075 | 27.16368 | 1.058899 | 2.527107 | 1.306429 | 5.348148 |
| #3 | .2659019 | 2.511925 | 27.23810 | 1.053835 | 2.540086 | 1.298465 | 5.337607 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.727455</b> | <b>26.87892</b> | <b>2.470287</b> | <b>1.341523</b> | <b>26.10325</b> | <b>2.612886</b> | <b>2.653777</b> |
| Stddev | .051584         | .30795          | .003378         | .004467         | .52547          | .038430         | .012854         |
| %RSD   | 1.891294        | 1.145702        | .1367351        | .3329764        | 2.013048        | 1.470794        | .4843545        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.672695 | 26.56132 | 2.467297 | 1.340320 | 25.51325 | 2.568511 | 2.662883 |
| #2 | 2.734539 | 26.89923 | 2.469613 | 1.337781 | 26.52092 | 2.635326 | 2.659376 |
| #3 | 2.775131 | 27.17622 | 2.473951 | 1.346469 | 26.27557 | 2.634820 | 2.639074 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>25.49210</b> | <b>4.927482</b> | <b>5.497108</b> | <b>5.046671</b> | <b>4.745947</b> | <b>5.321951</b> | <b>4.782168</b> |
| Stddev | .10058          | .014278         | .052742         | .007841         | .011223         | .051667         | .004212         |
| %RSD   | .3945680        | .2897655        | .9594447        | .1553623        | .2364698        | .9708311        | .0880708        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 25.37879 | 4.926776 | 5.437622 | 5.049105 | 4.736717 | 5.262865 | 4.780417 |
| #2 | 25.52669 | 4.913570 | 5.538153 | 5.037901 | 4.742684 | 5.358642 | 4.779114 |
| #3 | 25.57083 | 4.942100 | 5.515549 | 5.053005 | 4.758439 | 5.344348 | 4.786972 |

Sample Name: CCV04      Acquired: 03/22/2019 19:44:48      Type: Unk  
 Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1: CCV14736      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>5.265152</b> | <b>5.051457</b> | <b>5.174643</b> |
| Stddev | .063721         | .047033         | .037467         |
| %RSD   | 1.210242        | .9310844        | .7240575        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.194696 | 5.000281 | 5.132695 |
| #2 | 5.282016 | 5.061301 | 5.186449 |
| #3 | 5.318745 | 5.092789 | 5.204786 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2233.914</b> | <b>2598.735</b> | <b>51624.55</b> | <b>5172.713</b> | <b>3937.366</b> |
| Stddev    | 10.633          | 5.766           | 167.55          | 44.024          | 9.009           |
| %RSD      | .4759887        | .2218695        | .3245463        | .8510898        | .2288036        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2224.467 | 2594.048 | 51592.17 | 5223.326 | 3930.190 |
| #2 | 2245.430 | 2605.173 | 51805.92 | 5151.509 | 3947.476 |
| #3 | 2231.847 | 2596.984 | 51475.55 | 5143.302 | 3934.431 |

Sample Name: CCB04      Acquired: 03/22/2019 19:48:20      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CCB14736      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001311</b> | <b>.0007411</b> | <b>.0003164</b> | <b>-.000508</b> | <b>.0003699</b> | <b>-.005506</b> | <b>.0027965</b> |
| Stddev | .005423         | .0010621        | .0009579        | .000932         | .0019513        | .004785         | .0002443        |
| %RSD   | 413.6693        | 143.3137        | 302.7140        | 183.6838        | 527.4737        | 86.91990        | 8.736505        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.003741</b> | <b>.0015489</b> | <b>.0010912</b> | <b>.000353</b>  | <b>.0008994</b> | <b>-.000835</b> | <b>.0025505</b> |
| #2 | <b>-.005095</b> | <b>.0011365</b> | <b>.0006127</b> | <b>-.001498</b> | <b>.0020019</b> | <b>-.010399</b> | <b>.0030391</b> |
| #3 | <b>.004902</b>  | <b>-.000462</b> | <b>-.000755</b> | <b>-.000378</b> | <b>-.001792</b> | <b>-.005283</b> | <b>.0027999</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000158</b> | <b>-.000033</b> | <b>.0004085</b> | <b>-.000020</b> | <b>-.000063</b> | <b>.0059470</b> | <b>.0072116</b> |
| Stddev | .0000287        | .000044         | .0017127        | .000719         | .000304         | .0035160        | .0119073        |
| %RSD   | 182.0129        | 133.3883        | 419.2732        | 3532.182        | 482.7414        | 59.12299        | 165.1138        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0000085</b> | <b>.000009</b>  | <b>.0023460</b> | <b>.000803</b>  | <b>.000143</b>  | <b>.0099981</b> | <b>.0208271</b> |
| #2 | <b>.0000475</b> | <b>-.000079</b> | <b>-.000217</b> | <b>-.000338</b> | <b>.000081</b>  | <b>.0036894</b> | <b>-.001254</b> |
| #3 | <b>-.000009</b> | <b>-.000029</b> | <b>-.000903</b> | <b>-.000526</b> | <b>-.000413</b> | <b>.0041535</b> | <b>.002061</b>  |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0011773</b> | <b>-.111951</b> | <b>.0003032</b> | <b>.0000314</b> | <b>-.287775</b> | <b>-.000893</b> | <b>.0000957</b> |
| Stddev | .0004725        | .053580         | .0003008        | .0004918        | .062725         | .005082         | .0000656        |
| %RSD   | 40.13640        | 47.85994        | 99.19556        | 1564.149        | 21.79659        | 568.8451        | 68.51136        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0008108</b> | <b>-.142064</b> | <b>.0006505</b> | <b>.0001186</b> | <b>-.359996</b> | <b>-.005129</b> | <b>.0001714</b> |
| #2 | <b>.0017107</b> | <b>-.143699</b> | <b>.0001344</b> | <b>.0004739</b> | <b>-.246912</b> | <b>-.002292</b> | <b>.0000555</b> |
| #3 | <b>.0010106</b> | <b>-.050090</b> | <b>.0001247</b> | <b>-.000498</b> | <b>-.256418</b> | <b>.004741</b>  | <b>.0000603</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.183143</b> | <b>-.002962</b> | <b>.0052262</b> | <b>-.000188</b> | <b>.0017291</b> | <b>.0031889</b> | <b>-.001134</b> |
| Stddev | .044163         | .003723         | .0006679        | .000137         | .0026312        | .0008066        | .000926         |
| %RSD   | 24.11368        | 125.7124        | 12.78043        | 73.07297        | 152.1670        | 25.29311        | 81.72029        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.142057</b> | <b>-.006550</b> | <b>.0059528</b> | <b>-.000168</b> | <b>-.000506</b> | <b>.0029891</b> | <b>-.000091</b> |
| #2 | <b>-.229845</b> | <b>.000883</b>  | <b>.0050867</b> | <b>-.000062</b> | <b>.001064</b>  | <b>.0040766</b> | <b>-.001861</b> |
| #3 | <b>-.177528</b> | <b>-.003219</b> | <b>.0046390</b> | <b>-.000334</b> | <b>.004629</b>  | <b>.0025010</b> | <b>-.001449</b> |

Sample Name: CCB04      Acquired: 03/22/2019 19:48:20      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CCB14736      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0002471</b> | <b>.0003767</b> | <b>.0001748</b> |
| Stddev | .0010086        | .0009561        | .0000478        |
| %RSD   | 408.1915        | 253.8160        | 27.36185        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.000241</b> | <b>.0014680</b> | <b>.0002172</b> |
| #2 | <b>-.000425</b> | <b>-.000313</b> | <b>.0001230</b> |
| #3 | <b>.001407</b>  | <b>-.000024</b> | <b>.0001843</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2263.763</b> | <b>2662.813</b> | <b>51678.56</b> | <b>5154.133</b> | <b>4073.130</b> |
| Stddev    | 10.493          | 6.369           | 81.84           | 28.291          | 7.300           |
| %RSD      | .4635245        | .2391694        | .1583690        | .5489030        | .1792111        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2256.570</b> | <b>2655.787</b> | <b>51600.25</b> | <b>5183.475</b> | <b>4066.634</b> |
| #2 | <b>2275.804</b> | <b>2664.446</b> | <b>51763.53</b> | <b>5127.025</b> | <b>4071.725</b> |
| #3 | <b>2258.916</b> | <b>2668.207</b> | <b>51671.92</b> | <b>5151.900</b> | <b>4081.029</b> |

Sample Name: K1984-04      Acquired: 03/22/2019 19:52:14      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: SB-11(14-15) Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0121753</b> | <b>-.006266</b> | <b>.0501082</b> | <b>.0227494</b> | <b>.0061527</b> | <b>80.71949</b> | <b>.1022388</b> |
| Stddev | .0079806        | .000627         | .0015700        | .0034675        | .0008075        | .24251          | .0003840        |
| %RSD   | 65.54749        | 10.00356        | 3.133284        | 15.24237        | 13.12390        | .3004330        | .3755759        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0211860 | -.006963 | .0510673 | .0246331 | .0052229 | 80.55757 | .1022938 |
| #2 | .0059979 | -.006090 | .0509609 | .0248674 | .0066779 | 80.60260 | .1025924 |
| #3 | .0093421 | -.005747 | .0482963 | .0187477 | .0065574 | 80.99831 | .1018303 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0046660</b> | <b>-.000716</b> | <b>40.76834</b> | <b>.1127061</b> | <b>.0395296</b> | <b>.0799745</b> | <b>105.5990</b> |
| Stddev | .0000883        | .000114         | .18815          | .0006040        | .0001477        | .0030754        | .3656           |
| %RSD   | 1.893361        | 15.88711        | .4615012        | .5359129        | .3736755        | 3.845479        | .3462212        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0046539 | -.000846 | 40.55176 | .1134011 | .0396247 | .0834361 | 105.2258 |
| #2 | .0045843 | -.000672 | 40.89146 | .1123076 | .0396047 | .0775573 | 105.9564 |
| #3 | .0047597 | -.000631 | 40.86180 | .1124098 | .0393594 | .0789300 | 105.6149 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7074805</b> | <b>41.54394</b> | <b>.1850683</b> | <b>.0028548</b> | <b>5.093604</b> | <b>.1579110</b> | <b>.2325514</b> |
| Stddev | .0076631        | .31709          | .0003616        | .0000574        | .278021         | .0082539        | .0002827        |
| %RSD   | 1.083160        | .7632558        | .1954114        | 2.009314        | 5.458240        | 5.226944        | .1215766        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7079269 | 41.45664 | .1846808 | .0028302 | 5.181289 | .1484062 | .2322357 |
| #2 | .7149108 | 41.27965 | .1853969 | .0028139 | 4.782312 | .1632731 | .2327814 |
| #3 | .6996040 | 41.89553 | .1851272 | .0029203 | 5.317211 | .1620537 | .2326371 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>5.328853</b> | <b>3.686223</b> | <b>.1074927</b> | <b>.0938582</b> | <b>137.8417</b> | <b>6.154415</b> | <b>.0014408</b> |
| Stddev | .045030         | .013846         | .0005112        | .0005480        | .1980           | .015166         | .0010637        |
| %RSD   | .8450227        | .3756282        | .4755514        | .5838818        | .1436613        | .2464282        | 73.82912        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.276905 | 3.672641 | .1074040 | .0941262 | 137.6370 | 6.160448 | .0026291 |
| #2 | 5.356769 | 3.685709 | .1070317 | .0942207 | 138.0323 | 6.165638 | .0005775 |
| #3 | 5.352885 | 3.700320 | .1080424 | .0932278 | 137.8558 | 6.137161 | .0011158 |

Sample Name: K1984-04      Acquired: 03/22/2019 19:52:14      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: SB-11(14-15) Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.7759065</b> | <b>.3472175</b> | <b>.4599338</b> |
| Stddev | .0013126        | .0009322        | .0012170        |
| %RSD   | .1691657        | .2684690        | .2646123        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.7749046</b> | <b>.3461426</b> | <b>.4586355</b> |
| #2 | <b>.7754226</b> | <b>.3477067</b> | <b>.4601171</b> |
| #3 | <b>.7773923</b> | <b>.3478033</b> | <b>.4610488</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2293.689</b> | <b>2691.051</b> | <b>53505.38</b> | <b>5469.424</b> | <b>4014.171</b> |
| Stddev    | 9.321           | 7.517           | 169.26          | 15.204          | 8.646           |
| %RSD      | .4063691        | .2793352        | .3163387        | .2779858        | .2153750        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2299.495</b> | <b>2683.031</b> | <b>53529.71</b> | <b>5477.613</b> | <b>4007.062</b> |
| #2 | <b>2298.635</b> | <b>2697.936</b> | <b>53661.15</b> | <b>5478.779</b> | <b>4023.795</b> |
| #3 | <b>2282.938</b> | <b>2692.186</b> | <b>53325.27</b> | <b>5451.881</b> | <b>4011.655</b> |

Sample Name: K1984-05      Acquired: 03/22/2019 19:56:01      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: SB-13(10-11) Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3243011</b> | <b>-.033692</b> | <b>2.952616</b> | <b>.0687729</b> | <b>.0105703</b> | <b>73.52589</b> | <b>1.310623</b> |
| Stddev | .0095049        | .002455         | .012680         | .0002926        | .0022566        | .15959          | .003635         |
| %RSD   | 2.930890        | 7.285679        | .4294581        | .4254914        | 21.34826        | .2170594        | .2773677        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3246861 | -.032261 | 2.959482 | .0685098 | .0117438 | 73.44292 | 1.307717 |
| #2 | .3146095 | -.036526 | 2.937983 | .0687207 | .0079688 | 73.70988 | 1.309452 |
| #3 | .3336076 | -.032288 | 2.960382 | .0690881 | .0119983 | 73.42488 | 1.314699 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0079127</b> | <b>.0034685</b> | <b>764.5512</b> | <b>.1768011</b> | <b>.0950034</b> | <b>1.053987</b> | <b>361.1885</b> |
| Stddev | .0001032        | .0003504        | 4.2303          | .0003594        | .0004300        | .001296         | 1.4579          |
| %RSD   | 1.304653        | 10.10307        | .5532992        | .2032762        | .4526179        | .1229186        | .4036404        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0080151 | .0030639 | 762.5433 | .1763964 | .0949060 | 1.055340 | 361.8675 |
| #2 | .0079144 | .0036783 | 769.4115 | .1769239 | .0946304 | 1.052757 | 362.1830 |
| #3 | .0078087 | .0036632 | 761.6988 | .1770829 | .0954737 | 1.053865 | 359.5149 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.856269</b> | <b>65.05544</b> | <b>.2464255</b> | <b>.0104048</b> | <b>11.45969</b> | <b>.2725423</b> | <b>3.021927</b> |
| Stddev | .034666         | .15210          | .0003540        | .0006071        | .26906          | .0061094        | .000844         |
| %RSD   | .7138500        | .2338045        | .1436642        | 5.835167        | 2.347916        | 2.241630        | .0279277        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.858659 | 65.01492 | .2468244 | .0107902 | 11.67961 | .2687882 | 3.022071 |
| #2 | 4.889679 | 65.22370 | .2461485 | .0107194 | 11.53979 | .2795918 | 3.022690 |
| #3 | 4.820469 | 64.92770 | .2463037 | .0097050 | 11.15967 | .2692469 | 3.021020 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>10.54466</b> | <b>121.0208</b> | <b>-.191748</b> | <b>.0187387</b> | <b>117.0437</b> | <b>5.124566</b> | <b>.7583301</b> |
| Stddev | .03559          | .2020           | .004795         | .0002944        | .2662           | .038944         | .0039865        |
| %RSD   | .3375367        | .1668754        | 2.500728        | 1.571128        | .2274173        | .7599562        | .5256991        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.51219 | 121.2525 | -.187143 | .0186843 | 117.3484 | 5.103470 | .7537978 |
| #2 | 10.53908 | 120.8823 | -.196713 | .0184753 | 116.8567 | 5.169507 | .7612936 |
| #3 | 10.58272 | 120.9275 | -.191388 | .0190565 | 116.9259 | 5.100721 | .7598987 |

Sample Name: K1984-05      Acquired: 03/22/2019 19:56:01      Type: Unk  
 Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1: SB-13(10-11) Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>2.587876</b> | <b>.1261161</b> | <b>1.404520</b> |
| Stddev | .012174         | .0014422        | .001193         |
| %RSD   | .4704245        | 1.143521        | .0849532        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 2.588752 | .1246682 | 1.403802 |
| #2 | 2.599588 | .1275524 | 1.403861 |
| #3 | 2.575287 | .1261278 | 1.405898 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2215.087</b> | <b>2565.244</b> | <b>52943.46</b> | <b>5399.912</b> | <b>3549.752</b> |
| Stddev    | 12.163          | 7.169           | 90.37           | 31.689          | 7.937           |
| %RSD      | .5491049        | .2794535        | .1706909        | .5868453        | .2235889        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2204.439 | 2557.029 | 53037.72 | 5414.455 | 3540.904 |
| #2 | 2228.342 | 2568.466 | 52935.10 | 5363.562 | 3556.245 |
| #3 | 2212.480 | 2570.236 | 52857.56 | 5421.719 | 3552.107 |

Sample Name: K1984-06      Acquired: 03/22/2019 19:59:43      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: SB-13(13.5-1 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001951</b> | <b>-.013711</b> | <b>.0861098</b> | <b>.0356044</b> | <b>.0061222</b> | <b>125.2498</b> | <b>.1706266</b> |
| Stddev | .003064         | .003357         | .0030048        | .0012975        | .0019203        | .3212           | .0001803        |
| %RSD   | 157.0745        | 24.48578        | 3.489473        | 3.644202        | 31.36640        | .2564492        | .1056707        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .001342  | -.015299 | .0888966 | .0368661 | .0052930 | 125.4682 | .1708335 |
| #2 | -.004719 | -.009854 | .0865065 | .0342739 | .0083178 | 125.4002 | .1705431 |
| #3 | -.002475 | -.015979 | .0829264 | .0356733 | .0047558 | 124.8810 | .1705032 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0059089</b> | <b>-.001735</b> | <b>9.313258</b> | <b>.2207713</b> | <b>.0658646</b> | <b>.1257150</b> | <b>201.2879</b> |
| Stddev | .0000201        | .000033         | .031140         | .0009048        | .0004599        | .0012649        | .5571           |
| %RSD   | .3402949        | 1.927339        | .3343660        | .4098171        | .6983076        | 1.006202        | .2767879        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0059321 | -.001771 | 9.313569 | .2201368 | .0653859 | .1269319 | 200.6735 |
| #2 | .0058971 | -.001704 | 9.344243 | .2218074 | .0659049 | .1244069 | 201.7602 |
| #3 | .0058975 | -.001731 | 9.281964 | .2203699 | .0663031 | .1258061 | 201.4301 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.519147</b> | <b>47.27768</b> | <b>.3623969</b> | <b>.0048945</b> | <b>1.751124</b> | <b>.1537489</b> | <b>.5111169</b> |
| Stddev | .008671         | .38618          | .0012683        | .0004189        | .365041         | .0026775        | .0017447        |
| %RSD   | .5707813        | .8168237        | .3499868        | 8.558241        | 20.84611        | 1.741472        | .3413447        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.513894 | 46.88618 | .3630339 | .0048827 | 1.918304 | .1557258 | .5092769 |
| #2 | 1.529155 | 47.65830 | .3609363 | .0053192 | 2.002636 | .1548190 | .5127472 |
| #3 | 1.514391 | 47.28856 | .3632205 | .0044817 | 1.332433 | .1507018 | .5113267 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>7.275432</b> | <b>1.794792</b> | <b>-.082195</b> | <b>.0425721</b> | <b>63.83346</b> | <b>3.062538</b> | <b>.0033430</b> |
| Stddev | .089510         | .006078         | .004366         | .0004878        | .04597          | .009927         | .0004283        |
| %RSD   | 1.230303        | .3386682        | 5.311868        | 1.145869        | .0720195        | .3241515        | 12.81091        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.179287 | 1.800211 | -.087069 | .0420089 | 63.88654 | 3.072187 | .0028523 |
| #2 | 7.356354 | 1.788220 | -.080873 | .0428570 | 63.80655 | 3.063074 | .0035359 |
| #3 | 7.290657 | 1.795944 | -.078642 | .0428505 | 63.80729 | 3.052354 | .0036410 |

Sample Name: K1984-06      Acquired: 03/22/2019 19:59:43      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: SB-13(13.5-1 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.9630817</b> | <b>.6697815</b> | <b>.1182928</b> |
| Stddev | .0028735        | .0024712        | .0001868        |
| %RSD   | .2983601        | .3689566        | .1579361        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.9632455</b> | <b>.6726082</b> | <b>.1184980</b> |
| #2 | <b>.9658697</b> | <b>.6687060</b> | <b>.1182480</b> |
| #3 | <b>.9601298</b> | <b>.6680302</b> | <b>.1181325</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2293.230</b> | <b>2694.381</b> | <b>53013.90</b> | <b>5339.197</b> | <b>3991.614</b> |
| Stddev    | 22.220          | 3.254           | 380.27          | 37.302          | .297            |
| %RSD      | .9689326        | .1207720        | .7173068        | .6986358        | .0074427        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2295.767</b> | <b>2694.750</b> | <b>52924.70</b> | <b>5307.679</b> | <b>3991.300</b> |
| #2 | <b>2269.850</b> | <b>2697.435</b> | <b>52686.15</b> | <b>5329.532</b> | <b>3991.891</b> |
| #3 | <b>2314.072</b> | <b>2690.959</b> | <b>53430.84</b> | <b>5380.380</b> | <b>3991.650</b> |

Sample Name: K1984-06DUP      Acquired: 03/22/2019 20:03:28      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: SB-13(13.5-1 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.006525</b> | <b>-.011447</b> | <b>.0869451</b> | <b>.0354127</b> | <b>.0028665</b> | <b>124.1386</b> | <b>.1699618</b> |
| Stddev | .006307         | .002383         | .0023065        | .0015604        | .0016634        | .3690           | .0006318        |
| %RSD   | 96.64786        | 20.81595        | 2.652822        | 4.406338        | 58.03095        | .2972205        | .3717468        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.011964</b> | <b>-.013722</b> | <b>.0885276</b> | <b>.0359918</b> | <b>.0011329</b> | <b>124.2744</b> | <b>.1693116</b> |
| #2 | <b>.000388</b>  | <b>-.011651</b> | <b>.0880091</b> | <b>.0366008</b> | <b>.0030170</b> | <b>123.7210</b> | <b>.1705735</b> |
| #3 | <b>-.008000</b> | <b>-.008969</b> | <b>.0842987</b> | <b>.0336456</b> | <b>.0044496</b> | <b>124.4205</b> | <b>.1700003</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0059319</b> | <b>-.001853</b> | <b>9.051900</b> | <b>.2218869</b> | <b>.0655318</b> | <b>.1259412</b> | <b>199.8557</b> |
| Stddev | .0000753        | .000106         | .061115         | .0004339        | .0004397        | .0051441        | 1.0395          |
| %RSD   | 1.268594        | 5.715510        | .6751586        | .1955322        | .6710052        | 4.084527        | .5201036        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0060147</b> | <b>-.001841</b> | <b>9.030897</b> | <b>.2217743</b> | <b>.0656396</b> | <b>.1318802</b> | <b>199.7373</b> |
| #2 | <b>.0058677</b> | <b>-.001965</b> | <b>9.004055</b> | <b>.2223660</b> | <b>.0650482</b> | <b>.1228827</b> | <b>198.8806</b> |
| #3 | <b>.0059133</b> | <b>-.001754</b> | <b>9.120746</b> | <b>.2215205</b> | <b>.0659076</b> | <b>.1230607</b> | <b>200.9493</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.509327</b> | <b>46.67799</b> | <b>.3626090</b> | <b>.0047777</b> | <b>1.931471</b> | <b>.1452869</b> | <b>.5101817</b> |
| Stddev | .004358         | .40871          | .0006122        | .0004417        | .121211         | .0017918        | .0045784        |
| %RSD   | .2887327        | .8755879        | .1688427        | 9.244236        | 6.275589        | 1.233289        | .8974077        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1.509831</b> | <b>46.66434</b> | <b>.3627490</b> | <b>.0045166</b> | <b>1.870658</b> | <b>.1460501</b> | <b>.5079277</b> |
| #2 | <b>1.504739</b> | <b>46.27628</b> | <b>.3619389</b> | <b>.0045289</b> | <b>2.071050</b> | <b>.1432398</b> | <b>.5071674</b> |
| #3 | <b>1.513412</b> | <b>47.09335</b> | <b>.3631392</b> | <b>.0052876</b> | <b>1.852706</b> | <b>.1465707</b> | <b>.5154502</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>7.344383</b> | <b>1.793178</b> | <b>-.082617</b> | <b>.0429742</b> | <b>63.68002</b> | <b>3.037475</b> | <b>.0029309</b> |
| Stddev | .068604         | .009969         | .003127         | .0001282        | .15907          | .022420         | .0018192        |
| %RSD   | .9340987        | .5559336        | 3.784472        | .2982857        | .2497949        | .7381004        | 62.06877        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>7.358985</b> | <b>1.804482</b> | <b>-.086193</b> | <b>.0429550</b> | <b>63.85278</b> | <b>3.051737</b> | <b>.0009419</b> |
| #2 | <b>7.404510</b> | <b>1.785645</b> | <b>-.080399</b> | <b>.0428567</b> | <b>63.53962</b> | <b>3.011634</b> | <b>.0033403</b> |
| #3 | <b>7.269653</b> | <b>1.789407</b> | <b>-.081259</b> | <b>.0431109</b> | <b>63.64765</b> | <b>3.049055</b> | <b>.0045104</b> |

Sample Name: K1984-06DUP      Acquired: 03/22/2019 20:03:28      Type: Unk  
 Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1: SB-13(13.5-1 Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.9503434</b> | <b>.6701544</b> | <b>.1179134</b> |
| Stddev | .0012306        | .0029825        | .0001914        |
| %RSD   | .1294897        | .4450434        | .1622946        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.9512366</b> | <b>.6695039</b> | <b>.1181322</b> |
| #2 | <b>.9489397</b> | <b>.6675509</b> | <b>.1177772</b> |
| #3 | <b>.9508538</b> | <b>.6734084</b> | <b>.1178308</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2278.842</b> | <b>2695.534</b> | <b>52757.93</b> | <b>5351.249</b> | <b>3990.842</b> |
| Stddev    | 14.081          | 7.585           | 135.93          | 61.955          | 7.462           |
| %RSD      | .6178932        | .2814030        | .2576548        | 1.157772        | .1869716        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2283.708</b> | <b>2690.995</b> | <b>52615.74</b> | <b>5299.481</b> | <b>3982.336</b> |
| #2 | <b>2289.845</b> | <b>2691.317</b> | <b>52771.43</b> | <b>5419.894</b> | <b>3993.909</b> |
| #3 | <b>2262.974</b> | <b>2704.291</b> | <b>52886.60</b> | <b>5334.373</b> | <b>3996.283</b> |

Sample Name: K1984-06LX5      Acquired: 03/22/2019 20:07:12      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: PBW      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001534</b> | <b>-.002601</b> | <b>.0180654</b> | <b>.0068038</b> | <b>.0005346</b> | <b>25.58443</b> | <b>.0373751</b> |
| Stddev | .002785         | .002217         | .0006598        | .0019326        | .0020150        | .13737          | .0005751        |
| %RSD   | 181.5646        | 85.21876        | 3.652502        | 28.40457        | 376.8840        | .5369410        | 1.538733        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .001444  | -.003853 | .0177049 | .0072107 | .0027994 | 25.60367 | .0367257 |
| #2 | -.004074 | -.000042 | .0188270 | .0085005 | -.001059 | 25.71118 | .0375794 |
| #3 | -.001972 | -.003910 | .0176643 | .0047002 | -.000136 | 25.43846 | .0378201 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0012876</b> | <b>-.000539</b> | <b>1.858925</b> | <b>.0466615</b> | <b>.0133286</b> | <b>.0234919</b> | <b>41.62210</b> |
| Stddev | .0000645        | .000033         | .015131         | .0004983        | .0001084        | .0042462        | .33170          |
| %RSD   | 5.009968        | 6.036230        | .8139890        | 1.067889        | .8133522        | 18.07533        | .7969350        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0012269 | -.000515 | 1.868793 | .0472368 | .0132199 | .0209458 | 41.77437 |
| #2 | .0012804 | -.000576 | 1.866478 | .0463688 | .0134368 | .0283937 | 41.85032 |
| #3 | .0013553 | -.000527 | 1.841504 | .0463789 | .0133290 | .0211360 | 41.24160 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3148441</b> | <b>9.617096</b> | <b>.0744618</b> | <b>.0005005</b> | <b>.2530031</b> | <b>.0317540</b> | <b>.1072872</b> |
| Stddev | .0022564        | .095025         | .0006671        | .0005959        | .1434561        | .0057623        | .0011704        |
| %RSD   | .7166641        | .9880796        | .8959444        | 119.0586        | 56.70130        | 18.14656        | 1.090943        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3162063 | 9.613681 | .0736915 | .0001905 | .3446094 | .0251199 | .1085827 |
| #2 | .3160864 | 9.713782 | .0748440 | .0001235 | .3267235 | .0346294 | .1069728 |
| #3 | .3122396 | 9.523825 | .0748501 | .0011874 | .0876765 | .0355127 | .1063060 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.321284</b> | <b>.3708353</b> | <b>-.015799</b> | <b>.0084934</b> | <b>13.26597</b> | <b>.6464191</b> | <b>-.001319</b> |
| Stddev | .068839         | .0016362        | .001108         | .0002403        | .02281          | .0068157        | .000719         |
| %RSD   | 5.210013        | .4412307        | 7.010789        | 2.829674        | .1719198        | 1.054377        | 54.48505        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.259539 | .3718888 | -.015972 | .0082424 | 13.27601 | .6537563 | -.001079 |
| #2 | 1.395509 | .3689503 | -.014616 | .0085164 | 13.28203 | .6452159 | -.002127 |
| #3 | 1.308804 | .3716668 | -.016811 | .0087215 | 13.23986 | .6402852 | -.000751 |

Sample Name: K1984-06LX5      Acquired: 03/22/2019 20:07:12      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: PBW      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.1986047</b> | <b>.1368586</b> | <b>.0243794</b> |
| Stddev | .0018393        | .0031303        | .0000449        |
| %RSD   | .9261009        | 2.287240        | .1841905        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.2007067</b> | <b>.1348989</b> | <b>.0243309</b> |
| #2 | <b>.1972907</b> | <b>.1404687</b> | <b>.0243878</b> |
| #3 | <b>.1978168</b> | <b>.1352082</b> | <b>.0244195</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2267.469</b> | <b>2675.378</b> | <b>51808.55</b> | <b>5230.908</b> | <b>4086.291</b> |
| Stddev    | 12.705          | 2.907           | 370.88          | 25.348          | 2.599           |
| %RSD      | .5603260        | .1086671        | .7158652        | .4845870        | .0636076        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2277.362</b> | <b>2674.273</b> | <b>51641.97</b> | <b>5211.950</b> | <b>4083.597</b> |
| #2 | <b>2253.141</b> | <b>2678.675</b> | <b>51550.17</b> | <b>5221.075</b> | <b>4086.493</b> |
| #3 | <b>2271.903</b> | <b>2673.185</b> | <b>52233.52</b> | <b>5259.700</b> | <b>4088.784</b> |

Sample Name: K1984-06MS      Acquired: 03/22/2019 20:11:00      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: SB-13(13.5-1 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7501958</b> | <b>1.951272</b> | <b>1.127565</b> | <b>1.726827</b> | <b>.1235223</b> | <b>149.6292</b> | <b>.3985091</b> |
| Stddev | .0021625        | .007857         | .001818         | .005550         | .0011657        | 1.4018          | .0025681        |
| %RSD   | .2882604        | .4026439        | .1611951        | .3214146        | .9437589        | .9368420        | .6444154        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7494551 | 1.957151 | 1.129071 | 1.720816 | .1234890 | 148.7962 | .3959929 |
| #2 | .7485010 | 1.954317 | 1.125546 | 1.731758 | .1247043 | 148.8438 | .3984082 |
| #3 | .7526314 | 1.942349 | 1.128077 | 1.727907 | .1223735 | 151.2476 | .4011261 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2155240</b> | <b>.2014475</b> | <b>10.51288</b> | <b>.6687369</b> | <b>.2819357</b> | <b>.4534069</b> | <b>210.9551</b> |
| Stddev | .0014183        | .0002397        | .25999          | .0011936        | .0005127        | .0066704        | 2.9808          |
| %RSD   | .6580666        | .1190057        | 2.473107        | .1784849        | .1818676        | 1.471170        | 1.413010        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2139117 | .2016654 | 10.45441 | .6674270 | .2825085 | .4473246 | 209.4653 |
| #2 | .2160810 | .2011907 | 10.28711 | .6697629 | .2817793 | .4523555 | 209.0130 |
| #3 | .2165792 | .2014864 | 10.79714 | .6690209 | .2815195 | .4605405 | 214.3872 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.816976</b> | <b>52.26135</b> | <b>.9200172</b> | <b>.0829030</b> | <b>5.496932</b> | <b>.4913410</b> | <b>.7711312</b> |
| Stddev | .026628         | 1.04124         | .0012510        | .0007054        | .288407         | .0058227        | .0051499        |
| %RSD   | 1.465519        | 1.992371        | .1359802        | .8508585        | 5.246685        | 1.185059        | .6678426        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.808783 | 51.75966 | .9212645 | .0830308 | 5.164658 | .4922183 | .7751294 |
| #2 | 1.795407 | 51.56595 | .9187624 | .0821424 | 5.643735 | .4851295 | .7729443 |
| #3 | 1.846738 | 53.45846 | .9200248 | .0835357 | 5.682403 | .4966752 | .7653199 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>18.26966</b> | <b>7.438825</b> | <b>.1541561</b> | <b>.4144663</b> | <b>64.01686</b> | <b>7.807544</b> | <b>.6203614</b> |
| Stddev | .10409          | .011979         | .0055970        | .0009223        | .12688          | .032818         | .0019635        |
| %RSD   | .5697177        | .1610291        | 3.630745        | .2225371        | .1981956        | .4203330        | .3165072        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 18.15980 | 7.444429 | .1515024 | .4138874 | 64.15449 | 7.777915 | .6208614 |
| #2 | 18.28237 | 7.425072 | .1503796 | .4139816 | 63.90455 | 7.801901 | .6220265 |
| #3 | 18.36680 | 7.446975 | .1605864 | .4155299 | 63.99153 | 7.842818 | .6181962 |

Sample Name: K1984-06MS      Acquired: 03/22/2019 20:11:00      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: SB-13(13.5-1 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>1.115355</b> | <b>.9882386</b> | <b>.3323823</b> |
| Stddev | .008918         | .0026751        | .0014774        |
| %RSD   | .7995796        | .2706923        | .4444795        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>1.109780</b> | <b>.9858643</b> | <b>.3307912</b> |
| #2 | <b>1.110644</b> | <b>.9877145</b> | <b>.3337108</b> |
| #3 | <b>1.125641</b> | <b>.9911369</b> | <b>.3326449</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2284.287</b> | <b>2682.933</b> | <b>52887.33</b> | <b>5346.134</b> | <b>3966.905</b> |
| Stddev    | 18.867          | 1.447           | 445.28          | 25.968          | 7.255           |
| %RSD      | .8259344        | .0539385        | .8419497        | .4857400        | .1828932        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2263.958</b> | <b>2681.450</b> | <b>52435.82</b> | <b>5354.221</b> | <b>3958.538</b> |
| #2 | <b>2301.234</b> | <b>2684.342</b> | <b>53326.11</b> | <b>5367.097</b> | <b>3971.461</b> |
| #3 | <b>2287.670</b> | <b>2683.006</b> | <b>52900.06</b> | <b>5317.085</b> | <b>3970.715</b> |

Sample Name: K1984-06MSD      Acquired: 03/22/2019 20:14:36      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: SB-13(13.5-1 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7318802</b> | <b>1.931744</b> | <b>1.111561</b> | <b>1.679510</b> | <b>.1021300</b> | <b>145.9443</b> | <b>.3876118</b> |
| Stddev | .0042847        | .006483         | .000856         | .003859         | .0030699        | 1.9564          | .0050754        |
| %RSD   | .5854433        | .3356237        | .0769963        | .2297746        | 3.005834        | 1.340483        | 1.309390        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7333045 | 1.927860 | 1.110686 | 1.678101 | .1032705 | 143.7487 | .3820522 |
| #2 | .7270647 | 1.928144 | 1.112396 | 1.683875 | .1044664 | 146.5819 | .3887862 |
| #3 | .7352714 | 1.939229 | 1.111601 | 1.676553 | .0986532 | 147.5024 | .3919970 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2083788</b> | <b>.1976638</b> | <b>10.70624</b> | <b>.6569383</b> | <b>.2746834</b> | <b>.4451017</b> | <b>207.4835</b> |
| Stddev | .0020782        | .0002639        | .10503          | .0040884        | .0007365        | .0085997        | 2.2920          |
| %RSD   | .9973446        | .1335028        | .9809945        | .6223357        | .2681208        | 1.932079        | 1.104674        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2076202 | .1978071 | 10.63695 | .6556966 | .2755273 | .4355793 | 204.8628 |
| #2 | .2067864 | .1973593 | 10.65468 | .6536148 | .2743523 | .4523017 | 208.4742 |
| #3 | .2107297 | .1978250 | 10.82708 | .6615036 | .2741706 | .4474242 | 209.1136 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.796170</b> | <b>51.69267</b> | <b>.9021454</b> | <b>.0841952</b> | <b>5.472491</b> | <b>.4662187</b> | <b>.7588593</b> |
| Stddev | .017863         | .55943          | .0015184        | .0001384        | .157386         | .0096988        | .0020717        |
| %RSD   | .9944834        | 1.082225        | .1683051        | .1643401        | 2.875943        | 2.080305        | .2730029        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.775817 | 51.07182 | .9028082 | .0841637 | 5.290921 | .4558513 | .7610196 |
| #2 | 1.809243 | 51.84859 | .9004083 | .0843466 | 5.569952 | .4677344 | .7586688 |
| #3 | 1.803450 | 52.15759 | .9032197 | .0840752 | 5.556601 | .4750704 | .7568894 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>17.78054</b> | <b>7.328852</b> | <b>.1245767</b> | <b>.4083801</b> | <b>65.30825</b> | <b>4.073274</b> | <b>.6118161</b> |
| Stddev | .29341          | .017735         | .0028099        | .0003387        | .09568          | .039669         | .0018894        |
| %RSD   | 1.650151        | .2419832        | 2.255577        | .0829341        | .1465015        | .9738821        | .3088196        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 17.44402 | 7.309578 | .1225117 | .4084353 | 65.32521 | 4.053446 | .6098017 |
| #2 | 17.98273 | 7.332498 | .1277765 | .4086878 | 65.20523 | 4.047429 | .6120976 |
| #3 | 17.91487 | 7.344481 | .1234418 | .4080172 | 65.39432 | 4.118948 | .6135489 |

Sample Name: K1984-06MSD      Acquired: 03/22/2019 20:14:36      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: SB-13(13.5-1 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.9730332</b> | <b>.9749289</b> | <b>.3240573</b> |
| Stddev | .0135033        | .0151230        | .0045700        |
| %RSD   | 1.387751        | 1.551190        | 1.410248        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.9583238</b> | <b>.9575913</b> | <b>.3188705</b> |
| #2 | <b>.9759086</b> | <b>.9854035</b> | <b>.3258090</b> |
| #3 | <b>.9848672</b> | <b>.9817919</b> | <b>.3274923</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2294.155</b> | <b>2689.564</b> | <b>52989.87</b> | <b>5322.431</b> | <b>3969.689</b> |
| Stddev    | 25.947          | 8.828           | 163.11          | 22.629          | 8.510           |
| %RSD      | 1.130988        | .3282317        | .3078135        | .4251573        | .2143749        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2272.827</b> | <b>2680.786</b> | <b>52885.91</b> | <b>5325.384</b> | <b>3959.969</b> |
| #2 | <b>2286.596</b> | <b>2689.463</b> | <b>52905.82</b> | <b>5343.438</b> | <b>3975.798</b> |
| #3 | <b>2323.042</b> | <b>2698.442</b> | <b>53177.86</b> | <b>5298.471</b> | <b>3973.302</b> |

Sample Name: K1984-06A      Acquired: 03/22/2019 20:18:12      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: LCSW      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7355318</b> | <b>1.944331</b> | <b>1.115373</b> | <b>1.694358</b> | <b>.1128274</b> | <b>148.4782</b> | <b>.3953663</b> |
| Stddev | .0083220        | .004354         | .000400         | .005712         | .0022603        | .6257           | .0016709        |
| %RSD   | 1.131420        | .2239119        | .0358183        | .3371162        | 2.003281        | .4213995        | .4226226        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7417014 | 1.941921 | 1.115563 | 1.696125 | .1154053 | 148.1799 | .3966329 |
| #2 | .7260668 | 1.949357 | 1.114914 | 1.687972 | .1111853 | 148.0575 | .3934725 |
| #3 | .7388272 | 1.941716 | 1.115642 | 1.698979 | .1118916 | 149.1972 | .3959934 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2115006</b> | <b>.1991790</b> | <b>10.55513</b> | <b>.6604478</b> | <b>.2776364</b> | <b>.4522705</b> | <b>209.9326</b> |
| Stddev | .0009340        | .0004610        | .17662          | .0005536        | .0009172        | .0011173        | 2.3533          |
| %RSD   | .4415807        | .2314366        | 1.673286        | .0838177        | .3303627        | .2470509        | 1.120980        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2116870 | .1991888 | 10.48625 | .6610562 | .2774213 | .4511059 | 209.3991 |
| #2 | .2104875 | .1996351 | 10.42334 | .6603133 | .2786421 | .4533337 | 207.8918 |
| #3 | .2123273 | .1987133 | 10.75581 | .6599738 | .2768459 | .4523718 | 212.5068 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.805859</b> | <b>51.96211</b> | <b>.9090483</b> | <b>.0838664</b> | <b>5.418344</b> | <b>.4863809</b> | <b>.7634884</b> |
| Stddev | .012633         | .50962          | .0020664        | .0005841        | .049430         | .0084143        | .0061819        |
| %RSD   | .6995547        | .9807612        | .2273122        | .6964384        | .9122754        | 1.729990        | .8096844        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.797092 | 51.63755 | .9090122 | .0840053 | 5.436514 | .4804642 | .7634653 |
| #2 | 1.800146 | 51.69930 | .9111324 | .0843685 | 5.456118 | .4826649 | .7696818 |
| #3 | 1.820339 | 52.54950 | .9070002 | .0832254 | 5.362401 | .4960135 | .7573181 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>18.09125</b> | <b>7.361822</b> | <b>.1381263</b> | <b>.4114768</b> | <b>64.60843</b> | <b>5.741361</b> | <b>.6156223</b> |
| Stddev | .04212          | .014274         | .0037513        | .0011580        | .07877          | .020772         | .0011869        |
| %RSD   | .2328318        | .1938943        | 2.715818        | .2814236        | .1219181        | .3618000        | .1927960        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 18.12340 | 7.367719 | .1368560 | .4114197 | 64.58020 | 5.756325 | .6157197 |
| #2 | 18.04356 | 7.345544 | .1351751 | .4103483 | 64.54767 | 5.717645 | .6167575 |
| #3 | 18.10677 | 7.372202 | .1423478 | .4126622 | 64.69743 | 5.750114 | .6143897 |

Sample Name: K1984-06A      Acquired: 03/22/2019 20:18:12      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: LCSW      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>1.044423</b> | <b>.9886270</b> | <b>.3302334</b> |
| Stddev | .003952         | .0031707        | .0007444        |
| %RSD   | .3784233        | .3207158        | .2254278        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.039884 | .9892173 | .3308479 |
| #2 | 1.047107 | .9914611 | .3304468 |
| #3 | 1.046278 | .9852027 | .3294056 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2289.789</b> | <b>2690.481</b> | <b>52975.01</b> | <b>5318.722</b> | <b>3970.688</b> |
| Stddev    | 17.957          | 7.045           | 321.33          | 25.203          | 10.406          |
| %RSD      | .7842363        | .2618468        | .6065676        | .4738549        | .2620672        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2285.266 | 2682.372 | 52643.78 | 5293.177 | 3960.516 |
| #2 | 2274.525 | 2693.969 | 52995.82 | 5343.569 | 3970.237 |
| #3 | 2309.575 | 2695.101 | 53285.42 | 5319.420 | 3981.313 |

Sample Name: K1987-01      Acquired: 03/22/2019 20:21:49      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: 20190143-COM Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0712339</b> | <b>-.024597</b> | <b>.9064378</b> | <b>.0641586</b> | <b>.0104384</b> | <b>148.9037</b> | <b>.4736356</b> |
| Stddev | .0019915        | .000590         | .0064706        | .0036846        | .0005888        | .4869           | .0010045        |
| %RSD   | 2.795672        | 2.397539        | .7138462        | 5.743014        | 5.641018        | .3270016        | .2120828        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0726597 | -.024842 | .8999707 | .0683387 | .0110083 | 149.2251 | .4743614 |
| #2 | .0720834 | -.023924 | .9064309 | .0627553 | .0098323 | 148.3435 | .4740562 |
| #3 | .0689586 | -.025025 | .9129118 | .0613817 | .0104747 | 149.1425 | .4724891 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0112520</b> | <b>.0031739</b> | <b>63.39584</b> | <b>.5298413</b> | <b>.1588905</b> | <b>.7188217</b> | <b>361.6335</b> |
| Stddev | .0000661        | .0002826        | .70425          | .0016957        | .0003136        | .0036430        | 4.1089          |
| %RSD   | .5876581        | 8.905106        | 1.110869        | .3200421        | .1973647        | .5068052        | 1.136206        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0111758 | .0031800 | 63.56111 | .5285159 | .1585939 | .7203899 | 362.4910 |
| #2 | .0112935 | .0034534 | 62.62366 | .5317521 | .1592187 | .7214180 | 357.1635 |
| #3 | .0112868 | .0028882 | 64.00276 | .5292557 | .1588591 | .7146572 | 365.2460 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>14.33973</b> | <b>92.35235</b> | <b>.3404387</b> | <b>.0229676</b> | <b>102.0622</b> | <b>.3676487</b> | <b>1.849562</b> |
| Stddev | .17182          | .81977          | .0017350        | .0003156        | .4208           | .0092132        | .004279         |
| %RSD   | 1.198228        | .8876592        | .5096234        | 1.374238        | .4123027        | 2.505980        | .2313729        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.39463 | 92.46147 | .3386591 | .0230661 | 102.2403 | .3621014 | 1.845017 |
| #2 | 14.14717 | 91.48349 | .3405315 | .0226145 | 101.5816 | .3782839 | 1.853515 |
| #3 | 14.47740 | 93.11211 | .3421253 | .0232223 | 102.3646 | .3625609 | 1.850152 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>28.11591</b> | <b>13.86795</b> | <b>.0155986</b> | <b>.0052071</b> | <b>55.65910</b> | <b>7.068449</b> | <b>.0830764</b> |
| Stddev | .04865          | .02637          | .0085565        | .0000960        | .08002          | .021654         | .0008653        |
| %RSD   | .1730364        | .1901155        | 54.85402        | 1.843857        | .1437673        | .3063470        | 1.041517        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 28.11486 | 13.85719 | .0225334 | .0052841 | 55.68243 | 7.061348 | .0834187 |
| #2 | 28.16508 | 13.84867 | .0060366 | .0050995 | 55.57001 | 7.051238 | .0837181 |
| #3 | 28.06779 | 13.89800 | .0182259 | .0052376 | 55.72486 | 7.092762 | .0820923 |

Sample Name: K1987-01      Acquired: 03/22/2019 20:21:49      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: 20190143-COM Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>1.902661</b> | <b>.3164279</b> | <b>.5114317</b> |
| Stddev | .011017         | .0022006        | .0013804        |
| %RSD   | .5790452        | .6954465        | .2699126        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>1.908386</b> | <b>.3142803</b> | <b>.5119129</b> |
| #2 | <b>1.889960</b> | <b>.3186779</b> | <b>.5125071</b> |
| #3 | <b>1.909637</b> | <b>.3163257</b> | <b>.5098751</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2558.148</b> | <b>3000.694</b> | <b>60156.94</b> | <b>6080.239</b> | <b>3775.055</b> |
| Stddev    | 6.573           | 4.039           | 49.65           | 29.920          | 1.855           |
| %RSD      | .2569519        | .1346154        | .0825379        | .4920777        | .0491430        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2564.820</b> | <b>3000.382</b> | <b>60212.00</b> | <b>6061.404</b> | <b>3775.448</b> |
| #2 | <b>2557.946</b> | <b>2996.820</b> | <b>60115.57</b> | <b>6114.739</b> | <b>3776.683</b> |
| #3 | <b>2551.679</b> | <b>3004.881</b> | <b>60143.26</b> | <b>6064.575</b> | <b>3773.035</b> |

Sample Name: K1987-02      Acquired: 03/22/2019 20:25:29      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: 20190144-COM Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0627130</b> | <b>-.019315</b> | <b>.7583241</b> | <b>.0502796</b> | <b>.0088727</b> | <b>117.4295</b> | <b>.3788856</b> |
| Stddev | .0043032        | .001500         | .0015308        | .0036955        | .0004362        | .3299           | .0015238        |
| %RSD   | 6.861747        | 7.765929        | .2018689        | 7.349849        | 4.916498        | .2809261        | .4021808        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0590729 | -.018361 | .7570973 | .0542920 | .0093736 | 117.0487 | .3778335 |
| #2 | .0616039 | -.018540 | .7600396 | .0470155 | .0085762 | 117.6296 | .3806330 |
| #3 | .0674622 | -.021044 | .7578354 | .0495313 | .0086684 | 117.6101 | .3781902 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0094419</b> | <b>.0022046</b> | <b>56.27686</b> | <b>.4445743</b> | <b>.1273601</b> | <b>.6051981</b> | <b>299.1798</b> |
| Stddev | .0000537        | .0000882        | .38724          | .0019251        | .0005084        | .0053664        | 1.5437          |
| %RSD   | .5692008        | 4.001083        | .6880981        | .4330292        | .3991615        | .8867244        | .5159921        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0094432 | .0021036 | 55.86971 | .4441848 | .1270102 | .6076172 | 297.4812 |
| #2 | .0093875 | .0022442 | 56.32034 | .4466644 | .1271268 | .6089291 | 299.5609 |
| #3 | .0094950 | .0022662 | 56.64052 | .4428737 | .1279432 | .5990479 | 300.4973 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>12.52952</b> | <b>76.95475</b> | <b>.2687749</b> | <b>.0194127</b> | <b>95.13113</b> | <b>.3017657</b> | <b>1.567628</b> |
| Stddev | .08884          | .77708          | .0013437        | .0001378        | .50785          | .0019029        | .012738         |
| %RSD   | .7090314        | 1.009791        | .4999241        | .7096219        | .5338437        | .6305790        | .8125358        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 12.42843 | 76.06002 | .2701393 | .0195684 | 94.55277 | .3035400 | 1.572908 |
| #2 | 12.56500 | 77.46093 | .2674530 | .0193631 | 95.50417 | .3020008 | 1.576877 |
| #3 | 12.59514 | 77.34329 | .2687324 | .0193066 | 95.33646 | .2997561 | 1.553100 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>22.99644</b> | <b>11.37738</b> | <b>.0044547</b> | <b>.0047662</b> | <b>45.60741</b> | <b>3.049162</b> | <b>.0686799</b> |
| Stddev | .06341          | .01646          | .0044831        | .0004971        | .11023          | .022815         | .0021654        |
| %RSD   | .2757521        | .1446539        | 100.6368        | 10.43022        | .2416960        | .7482299        | 3.152871        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 22.97970 | 11.37816 | .0010212 | .0041998 | 45.61977 | 3.032857 | .0698441 |
| #2 | 23.06654 | 11.36055 | .0095265 | .0049687 | 45.49152 | 3.039395 | .0661814 |
| #3 | 22.94308 | 11.39344 | .0028164 | .0051302 | 45.71094 | 3.075235 | .0700141 |

Sample Name: K1987-02      Acquired: 03/22/2019 20:25:29      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: 20190144-COM Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>1.548268</b> | <b>.2490092</b> | <b>.4498042</b> |
| Stddev | .003991         | .0000326        | .0015800        |
| %RSD   | .2577547        | .0130811        | .3512745        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.543660 | .2490299 | .4486495 |
| #2 | 1.550559 | .2490262 | .4516049 |
| #3 | 1.550585 | .2489717 | .4491582 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2517.786</b> | <b>2944.291</b> | <b>58715.90</b> | <b>5886.505</b> | <b>3821.391</b> |
| Stddev    | 20.129          | 4.613           | 348.34          | 28.840          | 3.814           |
| %RSD      | .7994732        | .1566826        | .5932681        | .4899354        | .0998033        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2510.905 | 2939.854 | 58769.89 | 5918.988 | 3817.352 |
| #2 | 2501.999 | 2943.958 | 58343.71 | 5863.909 | 3824.930 |
| #3 | 2540.453 | 2949.062 | 59034.09 | 5876.619 | 3821.892 |

Sample Name: CCV05      Acquired: 03/22/2019 20:29:10      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.015366 | 4.905802 | 5.137138 | 4.854088 | 4.975306 | 10.33748 |
| Stddev | .020298  | .005439  | .008976  | .004721  | .001976  | .08961   |
| %RSD   | .4047063 | .1108771 | .1747240 | .0972498 | .0397125 | .8668366 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.996516 | 4.900134 | 5.129331 | 4.851705 | 4.973619 | 10.26092 |
| #2 | 5.012729 | 4.906292 | 5.135139 | 4.851033 | 4.974819 | 10.43604 |
| #3 | 5.036853 | 4.910979 | 5.146945 | 4.859525 | 4.977480 | 10.31549 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 9.855249 | .2703693 | 2.506177 | F 27.57982 | 1.058545 | 2.542299 |
| Stddev | .041572  | .0011158 | .002942  | .37346     | .011059  | .004402  |
| %RSD   | .4218251 | .4126974 | .1173911 | 1.354108   | 1.044768 | .1731389 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.808008 | .2702447 | 2.504562 | 27.33030 | 1.045805 | 2.538353 |
| #2 | 9.871493 | .2715422 | 2.504397 | 28.00917 | 1.064152 | 2.541499 |
| #3 | 9.886247 | .2693211 | 2.509573 | 27.39998 | 1.065677 | 2.547046 |

|        |          |          |            |            |          |            |
|--------|----------|----------|------------|------------|----------|------------|
| Elem   | Cu3247   | Fe2598   | Mn2576     | Mg2790     | Ni2316   | Ag3280     |
| Units  | ppm      | ppm      | ppm        | ppm        | ppm      | ppm        |
| Avg    | 1.308715 | 5.392110 | F 2.789930 | F 27.69296 | 2.459547 | F 1.383588 |
| Stddev | .002909  | .057290  | .029228    | .28822     | .000886  | .012588    |
| %RSD   | .2222570 | 1.062479 | 1.047618   | 1.040781   | .0360145 | .9097756   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.309511 | 5.339041 | 2.767856 | 27.36469 | 2.460570 | 1.369382 |
| #2 | 1.311143 | 5.452848 | 2.823076 | 27.90454 | 2.459013 | 1.388028 |
| #3 | 1.305491 | 5.384441 | 2.778857 | 27.80965 | 2.459059 | 1.393354 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 26.44953 | 2.645521 | 2.681868 | 25.92372 | 4.922863 | F 5.698442 |
| Stddev | .39385   | .025233  | .032235  | .15005   | .008273  | .038748    |
| %RSD   | 1.489056 | .9538118 | 1.201947 | .5788315 | .1680481 | .6799835   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 26.17855 | 2.629073 | 2.644723 | 25.75226 | 4.918415 | 5.689487 |
| #2 | 26.90132 | 2.674573 | 2.698385 | 26.03108 | 4.917766 | 5.740884 |
| #3 | 26.26872 | 2.632916 | 2.702498 | 25.98781 | 4.932408 | 5.664955 |

Sample Name: CCV05      Acquired: 03/22/2019 20:29:10      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>5.061724</b> | <b>4.684834</b> | <b>5.474242</b> | <b>4.730084</b> | <b>5.336306</b> | <b>5.064780</b> |
| Stddev | .013447         | .018252         | .035767         | .001166         | .047233         | .027942         |
| %RSD   | .2656534        | .3896056        | .6533766        | .0246610        | .8851311        | .5516850        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.047973 | 4.664634 | 5.454698 | 4.731052 | 5.302472 | 5.032541 |
| #2 | 5.062354 | 4.689727 | 5.515524 | 4.730412 | 5.390269 | 5.079804 |
| #3 | 5.074844 | 4.700141 | 5.452505 | 4.728789 | 5.316177 | 5.081996 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>5.204338</b> |
| Stddev | .024042         |
| %RSD   | .4619613        |

|    |          |
|----|----------|
| #1 | 5.178287 |
| #2 | 5.209056 |
| #3 | 5.225671 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2215.416</b> | <b>2595.927</b> | <b>51179.19</b> | <b>5043.624</b> | <b>3956.301</b> |
| Stddev    | 16.531          | 5.680           | 403.94          | 40.419          | 10.824          |
| %RSD      | .7461591        | .2188219        | .7892579        | .8013976        | .2735995        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2233.307 | 2589.373 | 51644.98 | 5033.074 | 3943.900 |
| #2 | 2212.231 | 2598.983 | 50925.33 | 5009.525 | 3961.141 |
| #3 | 2200.709 | 2599.425 | 50967.24 | 5088.272 | 3963.860 |

Sample Name: CCB05      Acquired: 03/22/2019 20:32:43      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0023966 | .0013136 | -.000440 | .0004438 | .0007097 | -.006796 | .0031615 |
| Stddev | .0015725 | .0003838 | .001017  | .0025444 | .0005478 | .004896  | .0006191 |
| %RSD   | 65.61188 | 29.22019 | 230.9927 | 573.3511 | 77.18788 | 72.03870 | 19.58254 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0033132 | .0008812 | -.000476 | .0021813 | .0004596 | -.012428 | .0038058 |
| #2 | .0005809 | .0016140 | -.001439 | .0016267 | .0013379 | -.004405 | .0031077 |
| #3 | .0032958 | .0014456 | .000594  | -.002477 | .0003316 | -.003555 | .0025711 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000538 | -.000053 | -.010617 | .0002068 | -.000018 | .0053003 | .0124429 |
| Stddev | .0000138 | .000047  | .001926  | .0003982 | .000339  | .0030368 | .0057629 |
| %RSD   | 25.58427 | 88.22360 | 18.14477 | 192.5558 | 1864.382 | 57.29403 | 46.31506 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000587 | -.000055 | -.011247 | .0002713 | .000373  | .0063782 | .0071440 |
| #2 | .0000383 | -.000098 | -.008454 | .0005687 | -.000198 | .0076512 | .0185785 |
| #3 | .0000645 | -.000005 | -.012148 | -.000220 | -.000229 | .0018717 | .0116063 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000472 | -.054579 | .0005944 | -.000414 | -.197419 | -.004125 | .0017027 |
| Stddev | .0010324 | .052940  | .0000593 | .000497  | .136534  | .001708  | .0002856 |
| %RSD   | 2186.376 | 96.99742 | 9.984739 | 119.9371 | 69.15940 | 41.40640 | 16.77082 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0009785 | -.114009 | .0005788 | -.000851 | -.248980 | -.003789 | .0019904 |
| #2 | -.001063 | -.037257 | .0005443 | .000126  | -.300665 | -.005976 | .0016984 |
| #3 | .000226  | -.012469 | .0006599 | -.000518 | -.042613 | -.002610 | .0014193 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.186185 | .0004341 | .0059993 | -.000381 | .0005945 | .0043575 | -.000709 |
| Stddev | .090278  | .0047582 | .0013508 | .000138  | .0031785 | .0010315 | .000946  |
| %RSD   | 48.48815 | 1096.170 | 22.51515 | 36.11606 | 534.6300 | 23.67189 | 133.3790 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.289769 | -.005051 | .0073127 | -.000223 | -.002265 | .0054718 | .000233  |
| #2 | -.124255 | .003457  | .0060711 | -.000446 | .004017  | .0034359 | -.000702 |
| #3 | -.144530 | .002896  | .0046141 | -.000475 | .000032  | .0041650 | -.001658 |

Sample Name: CCB05      Acquired: 03/22/2019 20:32:43      Type: Unk  
 Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0029438 | .0018816 | .0001580 |
| Stddev | .0020601 | .0009308 | .0000814 |
| %RSD   | 69.98208 | 49.46492 | 51.51172 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0005669 | .0019193 | .0000883 |
| #2 | .0040494 | .0009326 | .0002475 |
| #3 | .0042151 | .0027930 | .0001383 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2248.503 | 2670.515 | 51264.86 | 5111.383 | 4103.425 |
| Stddev    | 6.354    | 7.487    | 190.46   | 29.372   | 7.028    |
| %RSD      | .2825860 | .2803441 | .3715298 | .5746309 | .1712698 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2243.543 | 2662.098 | 51162.22 | 5124.075 | 4095.488 |
| #2 | 2255.665 | 2676.432 | 51484.63 | 5077.800 | 4108.857 |
| #3 | 2246.300 | 2673.014 | 51147.72 | 5132.275 | 4105.929 |

Sample Name: K1987-03      Acquired: 03/22/2019 20:36:37      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: 20190145-COM Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0733606</b> | <b>-.027255</b> | <b>.9313438</b> | <b>.0640859</b> | <b>.0106739</b> | <b>148.8741</b> | <b>.4682436</b> |
| Stddev | .0055192        | .002462         | .0048957        | .0005006        | .0010804        | 2.3750          | .0055895        |
| %RSD   | 7.523432        | 9.031726        | .5256601        | .7810651        | 10.12230        | 1.595326        | 1.193709        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0679248 | -.024930 | .9312239 | .0636132 | .0109750 | 149.3329 | .4714888 |
| #2 | .0731974 | -.029834 | .9265092 | .0640343 | .0094748 | 146.3031 | .4617895 |
| #3 | .0789597 | -.027002 | .9362984 | .0646103 | .0115718 | 150.9862 | .4714526 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0115904</b> | <b>.0030165</b> | <b>64.06749</b> | <b>.5397393</b> | <b>.1627046</b> | <b>.7363986</b> | <b>368.7993</b> |
| Stddev | .0000935        | .0001064        | 1.32694         | .0005521        | .0008914        | .0057896        | 5.9555          |
| %RSD   | .8067177        | 3.526778        | 2.071161        | .1022812        | .5478698        | .7862103        | 1.614841        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0116836 | .0030754 | 63.85252 | .5391676 | .1626467 | .7321503 | 367.7348 |
| #2 | .0114966 | .0030804 | 62.86116 | .5402694 | .1618436 | .7340524 | 363.4479 |
| #3 | .0115909 | .0028937 | 65.48879 | .5397809 | .1636236 | .7429931 | 375.2154 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>13.51053</b> | <b>91.93118</b> | <b>.3532761</b> | <b>.0245597</b> | <b>93.96865</b> | <b>.3728823</b> | <b>1.907373</b> |
| Stddev | .24966          | 1.81669         | .0011366        | .0002779        | 1.46605         | .0013584        | .012959         |
| %RSD   | 1.847872        | 1.976143        | .3217203        | 1.131553        | 1.560150        | .3642882        | .6794067        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.45054 | 91.87975 | .3527177 | .0243019 | 94.21252 | .3715521 | 1.920819 |
| #2 | 13.29632 | 90.14076 | .3525267 | .0248541 | 92.39596 | .3742671 | 1.894963 |
| #3 | 13.78471 | 93.77305 | .3545838 | .0245230 | 95.29748 | .3728278 | 1.906338 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>27.31696</b> | <b>14.44184</b> | <b>-.010520</b> | <b>.0058576</b> | <b>59.04413</b> | <b>2.404135</b> | <b>.0839800</b> |
| Stddev | .30453          | .03392          | .009363         | .0002848        | .09910          | .027199         | .0008181        |
| %RSD   | 1.114785        | .2348527        | 89.00028        | 4.861611        | .1678411        | 1.131344        | .9741214        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 27.39473 | 14.43629 | -.018790 | .0061855 | 58.94990 | 2.415171 | .0835928 |
| #2 | 26.98109 | 14.41104 | -.012414 | .0056722 | 59.03500 | 2.373153 | .0834275 |
| #3 | 27.57505 | 14.47819 | -.000355 | .0057151 | 59.14747 | 2.424082 | .0849198 |

Sample Name: K1987-03      Acquired: 03/22/2019 20:36:37      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: 20190145-COM Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>1.610460</b> | <b>.3165730</b> | <b>.5016341</b> |
| Stddev | .022394         | .0068894        | .0048989        |
| %RSD   | 1.390520        | 2.176252        | .9765949        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>1.616760</b> | <b>.3214580</b> | <b>.5045325</b> |
| #2 | <b>1.585591</b> | <b>.3086929</b> | <b>.4959779</b> |
| #3 | <b>1.629029</b> | <b>.3195680</b> | <b>.5043919</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2567.108</b> | <b>2997.458</b> | <b>60141.75</b> | <b>6102.749</b> | <b>3774.488</b> |
| Stddev    | 10.227          | 4.405           | 282.00          | 82.840          | 9.890           |
| %RSD      | .3984004        | .1469685        | .4688942        | 1.357427        | .2620099        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2555.389</b> | <b>2995.089</b> | <b>60150.50</b> | <b>6059.713</b> | <b>3772.734</b> |
| #2 | <b>2574.233</b> | <b>3002.541</b> | <b>59855.47</b> | <b>6198.250</b> | <b>3785.136</b> |
| #3 | <b>2571.703</b> | <b>2994.743</b> | <b>60419.27</b> | <b>6050.285</b> | <b>3765.592</b> |

Sample Name: K1987-04      Acquired: 03/22/2019 20:40:17      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: 20190146-COM Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0678551</b> | <b>-.019382</b> | <b>.7621645</b> | <b>.0592193</b> | <b>.0086593</b> | <b>129.9311</b> | <b>.4034550</b> |
| Stddev | .0031735        | .002033         | .0036645        | .0009522        | .0007542        | .1835           | .0007131        |
| %RSD   | 4.676807        | 10.49012        | .4808042        | 1.607990        | 8.709911        | .1412481        | .1767572        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0658226 | -.020294 | .7590348 | .0595900 | .0085683 | 129.9745 | .4027597 |
| #2 | .0715119 | -.020799 | .7661956 | .0599304 | .0079547 | 129.7298 | .4034207 |
| #3 | .0662307 | -.017052 | .7612632 | .0581375 | .0094548 | 130.0891 | .4041847 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0100518</b> | <b>.0019677</b> | <b>54.26903</b> | <b>.4578362</b> | <b>.1379188</b> | <b>.6046678</b> | <b>321.6164</b> |
| Stddev | .0001429        | .0002488        | .18054          | .0006930        | .0008049        | .0041044        | 1.4982          |
| %RSD   | 1.421850        | 12.64388        | .3326786        | .1513691        | .5836033        | .6787818        | .4658319        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0100510 | .0017282 | 54.44724 | .4577401 | .1381210 | .6054115 | 321.0385 |
| #2 | .0099093 | .0022249 | 54.08624 | .4571963 | .1370321 | .6002424 | 320.4933 |
| #3 | .0101951 | .0019501 | 54.27361 | .4585723 | .1386033 | .6083494 | 323.3175 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>12.93724</b> | <b>81.63374</b> | <b>.2912873</b> | <b>.0188219</b> | <b>92.24300</b> | <b>.3139468</b> | <b>1.660324</b> |
| Stddev | .05472          | .31324          | .0006604        | .0003975        | .54378          | .0023665        | .006896         |
| %RSD   | .4229663        | .3837139        | .2267079        | 2.111754        | .5895079        | .7537842        | .4153247        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 12.93039 | 81.32452 | .2914914 | .0185777 | 92.78104 | .3129419 | 1.661183 |
| #2 | 12.88626 | 81.62586 | .2905490 | .0186075 | 91.69365 | .3122486 | 1.653039 |
| #3 | 12.99506 | 81.95085 | .2918216 | .0192806 | 92.25430 | .3166499 | 1.666750 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>23.97218</b> | <b>11.85917</b> | <b>-.006873</b> | <b>.0042730</b> | <b>45.00017</b> | <b>2.607380</b> | <b>.0658823</b> |
| Stddev | .14452          | .01568          | .001632         | .0003395        | .07737          | .017693         | .0009717        |
| %RSD   | .6028491        | .1322397        | 23.74247        | 7.946267        | .1719287        | .6785824        | 1.474918        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 23.91378 | 11.86757 | -.008485 | .0042894 | 45.05288 | 2.620259 | .0669537 |
| #2 | 23.86600 | 11.84107 | -.006912 | .0039255 | 44.91135 | 2.587206 | .0656352 |
| #3 | 24.13676 | 11.86886 | -.005222 | .0046040 | 45.03629 | 2.614676 | .0650579 |

Sample Name: K1987-04      Acquired: 03/22/2019 20:40:17      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: 20190146-COM Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>1.448774</b> | <b>.2725315</b> | <b>.4491553</b> |
| Stddev | .003247         | .0014913        | .0014495        |
| %RSD   | .2241260        | .5472156        | .3227264        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.445060 | .2736904 | .4490606 |
| #2 | 1.451076 | .2708489 | .4477554 |
| #3 | 1.450187 | .2730550 | .4506499 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2525.070</b> | <b>2960.065</b> | <b>58996.23</b> | <b>5934.933</b> | <b>3824.268</b> |
| Stddev    | 16.794          | 4.441           | 226.60          | 51.512          | 9.248           |
| %RSD      | .6651048        | .1500325        | .3840872        | .8679387        | .2418298        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2507.771 | 2956.135 | 58793.09 | 5881.467 | 3813.781 |
| #2 | 2541.309 | 2959.175 | 59240.61 | 5984.238 | 3831.259 |
| #3 | 2526.131 | 2964.883 | 58954.99 | 5939.094 | 3827.762 |

Sample Name: K1987-05      Acquired: 03/22/2019 20:43:59      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: 20190147-COM Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0779907</b> | <b>-.026974</b> | <b>.9618767</b> | <b>.0687188</b> | <b>.0089899</b> | <b>151.2203</b> | <b>.4988453</b> |
| Stddev | .0035003        | .004184         | .0029264        | .0030968        | .0035733        | .1650           | .0019871        |
| %RSD   | 4.488044        | 15.51062        | .3042344        | 4.506435        | 39.74798        | .1090863        | .3983313        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0787653 | -.031456 | .9585290 | .0701029 | .0109364 | 151.1429 | .4979515 |
| #2 | .0741680 | -.026296 | .9631524 | .0708822 | .0048660 | 151.4098 | .4974621 |
| #3 | .0810388 | -.023171 | .9639486 | .0651714 | .0111674 | 151.1083 | .5011223 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0116493</b> | <b>.0038318</b> | <b>66.99386</b> | <b>.5519714</b> | <b>.1656953</b> | <b>.7484871</b> | <b>375.6112</b> |
| Stddev | .0002372        | .0001076        | .29524          | .0006789        | .0004260        | .0089089        | 1.4807          |
| %RSD   | 2.036526        | 2.809148        | .4407011        | .1229856        | .2571068        | 1.190253        | .3942096        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0116696 | .0039286 | 67.28468 | .5527532 | .1655951 | .7545944 | 376.9553 |
| #2 | .0118757 | .0038508 | 67.00253 | .5515306 | .1653283 | .7526024 | 375.8543 |
| #3 | .0114025 | .0037159 | 66.69438 | .5516306 | .1661625 | .7382645 | 374.0240 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>14.05330</b> | <b>94.74345</b> | <b>.3633797</b> | <b>.0254962</b> | <b>93.08661</b> | <b>.3649109</b> | <b>1.924130</b> |
| Stddev | .08157          | .26761          | .0012157        | .0005561        | .37453          | .0009188        | .005152         |
| %RSD   | .5804433        | .2824592        | .3345626        | 2.181001        | .4023425        | .2517792        | .2677743        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.13196 | 94.83024 | .3625339 | .0248581 | 92.67790 | .3658994 | 1.930018 |
| #2 | 14.05884 | 94.95690 | .3628322 | .0257541 | 93.41339 | .3640830 | 1.920449 |
| #3 | 13.96910 | 94.44322 | .3647728 | .0258766 | 93.16853 | .3647503 | 1.921924 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>27.50607</b> | <b>14.55986</b> | <b>-.014055</b> | <b>.0052945</b> | <b>57.60953</b> | <b>3.443534</b> | <b>.0828086</b> |
| Stddev | .13310          | .02463          | .004476         | .0003560        | .10513          | .010385         | .0008154        |
| %RSD   | .4838958        | .1691468        | 31.84537        | 6.723634        | .1824808        | .3015933        | .9846976        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 27.47083 | 14.55325 | -.009172 | .0049144 | 57.59667 | 3.444566 | .0837421 |
| #2 | 27.39413 | 14.53920 | -.017963 | .0056200 | 57.51142 | 3.453365 | .0822353 |
| #3 | 27.65324 | 14.58711 | -.015028 | .0053490 | 57.72049 | 3.432671 | .0824485 |

Sample Name: K1987-05      Acquired: 03/22/2019 20:43:59      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: 20190147-COM Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>1.680396</b> | <b>.3226034</b> | <b>.5206532</b> |
| Stddev | .010162         | .0016459        | .0006502        |
| %RSD   | .6047491        | .5101821        | .1248781        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>1.679951</b> | <b>.3211344</b> | <b>.5199884</b> |
| #2 | <b>1.690774</b> | <b>.3243821</b> | <b>.5206836</b> |
| #3 | <b>1.670464</b> | <b>.3222937</b> | <b>.5212877</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2560.602</b> | <b>3002.821</b> | <b>60022.02</b> | <b>6060.807</b> | <b>3770.805</b> |
| Stddev    | 6.878           | 3.613           | 31.50           | 11.852          | 8.481           |
| %RSD      | .2686115        | .1203102        | .0524809        | .1955552        | .2249123        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2556.188</b> | <b>3001.060</b> | <b>60027.89</b> | <b>6047.575</b> | <b>3768.800</b> |
| #2 | <b>2568.527</b> | <b>3006.976</b> | <b>59988.00</b> | <b>6064.396</b> | <b>3780.108</b> |
| #3 | <b>2557.091</b> | <b>3000.425</b> | <b>60050.17</b> | <b>6070.450</b> | <b>3763.505</b> |

Sample Name: K1987-06      Acquired: 03/22/2019 20:47:39      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: 20190084-FIE Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0881999</b> | <b>-.028458</b> | <b>.9541251</b> | <b>.0671374</b> | <b>.0083257</b> | <b>150.9182</b> | <b>.4968146</b> |
| Stddev | .0053869        | .003041         | .0027810        | .0028978        | .0010046        | .2945           | .0018791        |
| %RSD   | 6.107653        | 10.68744        | .2914693        | 4.316265        | 12.06682        | .1951256        | .3782279        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0836698 | -.024948 | .9509168 | .0699676 | .0080115 | 150.6970 | .4985760 |
| #2 | .0867735 | -.030127 | .9556103 | .0641763 | .0075157 | 150.8051 | .4948366 |
| #3 | .0941566 | -.030300 | .9558482 | .0672683 | .0094499 | 151.2524 | .4970310 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0117136</b> | <b>.0036619</b> | <b>66.80890</b> | <b>.5516335</b> | <b>.1647184</b> | <b>.7465688</b> | <b>373.7174</b> |
| Stddev | .0001258        | .0000712        | .42915          | .0013313        | .0005673        | .0050657        | 1.4799          |
| %RSD   | 1.073679        | 1.945470        | .6423493        | .2413385        | .3443783        | .6785375        | .3960055        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0117848 | .0036344 | 66.49227 | .5529431 | .1641296 | .7455056 | 372.8435 |
| #2 | .0117875 | .0036086 | 66.63710 | .5516760 | .1652613 | .7520818 | 372.8826 |
| #3 | .0115684 | .0037428 | 67.29733 | .5502815 | .1647643 | .7421191 | 375.4262 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>13.98606</b> | <b>94.20223</b> | <b>.3626204</b> | <b>.0253929</b> | <b>93.02899</b> | <b>.3746681</b> | <b>1.919549</b> |
| Stddev | .07875          | .78438          | .0014485        | .0006469        | .45134          | .0010250        | .007108         |
| %RSD   | .5630635        | .8326584        | .3994507        | 2.547778        | .4851633        | .2735778        | .3703071        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.93099 | 93.60341 | .3610340 | .0250844 | 92.57607 | .3757914 | 1.925112 |
| #2 | 13.95093 | 93.91317 | .3638724 | .0249579 | 93.03217 | .3737834 | 1.921994 |
| #3 | 14.07626 | 95.09013 | .3629549 | .0261363 | 93.47874 | .3744296 | 1.911541 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>27.48045</b> | <b>14.46404</b> | <b>-.023180</b> | <b>.0054779</b> | <b>57.23677</b> | <b>2.674004</b> | <b>.0841184</b> |
| Stddev | .02039          | .01708          | .008047         | .0002427        | .03388          | .019961         | .0019206        |
| %RSD   | .0741818        | .1180756        | 34.71366        | 4.431074        | .0591984        | .7464856        | 2.283148        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 27.46237 | 14.44436 | -.025459 | .0057342 | 57.20232 | 2.677178 | .0819315 |
| #2 | 27.50254 | 14.47502 | -.029841 | .0052515 | 57.23796 | 2.692188 | .0848930 |
| #3 | 27.47644 | 14.47273 | -.014239 | .0054480 | 57.27005 | 2.652646 | .0855307 |

Sample Name: K1987-06      Acquired: 03/22/2019 20:47:39      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: 20190084-FIE Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>1.645859</b> | <b>.3234709</b> | <b>.5209424</b> |
| Stddev | .001349         | .0030124        | .0005413        |
| %RSD   | .0819463        | .9312586        | .1039116        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.647416 | .3201475 | .5210340 |
| #2 | 1.645093 | .3260218 | .5203611 |
| #3 | 1.645067 | .3242432 | .5214321 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2569.464</b> | <b>3011.419</b> | <b>60125.27</b> | <b>6053.508</b> | <b>3788.210</b> |
| Stddev    | 5.518           | 7.798           | 199.17          | 11.629          | 2.216           |
| %RSD      | .2147421        | .2589455        | .3312641        | .1921045        | .0585074        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2575.812 | 3002.609 | 60342.20 | 6054.885 | 3787.685 |
| #2 | 2566.760 | 3017.435 | 60082.95 | 6041.251 | 3786.304 |
| #3 | 2565.820 | 3014.213 | 59950.65 | 6064.386 | 3790.642 |

Sample Name: K1965-01      Acquired: 03/22/2019 20:51:20      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BPS1-TT-MW31      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0019931 | -.001825 | .0085842 | .0017068 | .0009247 | 2.416921 | .0665464 |
| Stddev | .0009265 | .001165  | .0007855 | .0009285 | .0013472 | .022267  | .0018296 |
| %RSD   | 46.48874 | 63.82153 | 9.150596 | 54.39723 | 145.6944 | .9213026 | 2.749431 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0010327 | -.000909 | .0087850 | .0027161 | -.000425 | 2.391237 | .0652414 |
| #2 | .0020649 | -.003136 | .0092497 | .0015153 | .000931  | 2.428718 | .0686378 |
| #3 | .0028816 | -.001431 | .0077177 | .0008891 | .002269  | 2.430807 | .0657601 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0003461 | -.000136 | 19.63618 | .1284995 | .0002350 | .0180371 | 2.516380 |
| Stddev | .0000451 | .000008  | .20480   | .0004686 | .0003006 | .0044710 | .037505  |
| %RSD   | 13.04222 | 5.693745 | 1.042991 | .3646792 | 127.9100 | 24.78769 | 1.490440 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0002962 | -.000132 | 19.40909 | .1290247 | .0002469 | .0147961 | 2.483364 |
| #2 | .0003582 | -.000132 | 19.80688 | .1281242 | .0005296 | .0231377 | 2.557160 |
| #3 | .0003840 | -.000145 | 19.69257 | .1283497 | -.000071 | .0161773 | 2.508617 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0216854 | 6.459659 | .0295473 | -.000620 | 118.9494 | -.001074 | .0302421 |
| Stddev | .0015160 | .128408  | .0003569 | .000443  | .7752    | .002513  | .0003769 |
| %RSD   | 6.990936 | 1.987850 | 1.207901 | 71.48575 | .6516794 | 233.8920 | 1.246240 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0218744 | 6.326585 | .0291685 | -.000807 | 118.0551 | -.003601 | .0303230 |
| #2 | .0230980 | 6.469565 | .0295963 | -.000939 | 119.3626 | .001425  | .0305719 |
| #3 | .0200838 | 6.582828 | .0298772 | -.000114 | 119.4303 | -.001047 | .0298313 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.065399 | .0273294 | .0473842 | .0010682 | 7.958820 | 5.556533 | -.002279 |
| Stddev | .057108  | .0015793 | .0003538 | .0000899 | .009426  | .046787  | .000964  |
| %RSD   | 1.862994 | 5.778656 | .7467262 | 8.413429 | .1184303 | .8420105 | 42.30710 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.129737 | .0255584 | .0477661 | .0011219 | 7.960782 | 5.505342 | -.002856 |
| #2 | 3.020707 | .0278386 | .0470675 | .0009644 | 7.967111 | 5.597081 | -.001166 |
| #3 | 3.045753 | .0285914 | .0473191 | .0011183 | 7.948569 | 5.567177 | -.002816 |

Sample Name: K1965-01      Acquired: 03/22/2019 20:51:20      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BPS1-TT-MW31      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0461376</b> | <b>.0000967</b> | <b>.1371908</b> |
| Stddev | .0015986        | .0003711        | .0004000        |
| %RSD   | 3.464836        | 383.8122        | .2915938        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0454546</b> | <b>-.000261</b> | <b>.1372655</b> |
| #2 | <b>.0449939</b> | <b>.000072</b>  | <b>.1375483</b> |
| #3 | <b>.0479642</b> | <b>.000480</b>  | <b>.1367587</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2227.430</b> | <b>2625.789</b> | <b>51722.86</b> | <b>5131.683</b> | <b>3998.323</b> |
| Stddev    | 13.164          | 6.926           | 122.50          | 27.283          | 7.299           |
| %RSD      | .5910055        | .2637604        | .2368351        | .5316539        | .1825553        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2212.298</b> | <b>2617.796</b> | <b>51790.23</b> | <b>5146.450</b> | <b>3990.978</b> |
| #2 | <b>2233.748</b> | <b>2630.022</b> | <b>51581.46</b> | <b>5100.200</b> | <b>3998.416</b> |
| #3 | <b>2236.244</b> | <b>2629.548</b> | <b>51796.88</b> | <b>5148.400</b> | <b>4005.576</b> |

Sample Name: K1965-01DUP      Acquired: 03/22/2019 20:55:09      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BPS1-TT-MW31      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0011094 | -.002702 | .0081586 | .0029249 | .0010125 | 2.408968 | .0673403 |
| Stddev | .0026637 | .000343  | .0023171 | .0016831 | .0012824 | .008639  | .0011840 |
| %RSD   | 240.1153 | 12.68119 | 28.40095 | 57.54550 | 126.6611 | .3586100 | 1.758161 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0021884 | -.002528 | .0094776 | .0009849 | .0018427 | 2.400870 | .0669327 |
| #2 | -.001925 | -.003096 | .0054831 | .0037938 | .0016594 | 2.418061 | .0664139 |
| #3 | .003064  | -.002481 | .0095149 | .0039960 | -.000465 | 2.407971 | .0686742 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0003321 | -.000197 | 19.57999 | .1292407 | .0003913 | .0171192 | 2.487165 |
| Stddev | .0000630 | .000049  | .09825   | .0006469 | .0002894 | .0027887 | .044179  |
| %RSD   | 18.95616 | 24.60423 | .5017974 | .5005654 | 73.97711 | 16.28994 | 1.776291 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0002596 | -.000182 | 19.55031 | .1286445 | .0000894 | .0203158 | 2.479972 |
| #2 | .0003640 | -.000158 | 19.50000 | .1291491 | .0006664 | .0151842 | 2.447023 |
| #3 | .0003727 | -.000252 | 19.68966 | .1299286 | .0004180 | .0158576 | 2.534499 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0212190 | 6.349830 | .0294232 | -.000731 | 119.0051 | .0090735 | .0304573 |
| Stddev | .0014099 | .120776  | .0003794 | .000363  | .3334    | .0022266 | .0002539 |
| %RSD   | 6.644671 | 1.902041 | 1.289353 | 49.58642 | .2801671 | 24.53903 | .8337627 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0199390 | 6.374451 | .0296734 | -.001149 | 119.3870 | .0083118 | .0301743 |
| #2 | .0227303 | 6.218641 | .0289867 | -.000503 | 118.8560 | .0115810 | .0306652 |
| #3 | .0209876 | 6.456399 | .0296094 | -.000541 | 118.7722 | .0073278 | .0305324 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.091857 | .0266515 | .0461206 | .0010363 | 7.936756 | 5.560823 | -.002991 |
| Stddev | .042261  | .0018270 | .0010774 | .0002342 | .014644  | .024508  | .000609  |
| %RSD   | 1.366848 | 6.854993 | 2.336110 | 22.60027 | .1845051 | .4407250 | 20.36291 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.104634 | .0274994 | .0462498 | .0008519 | 7.953558 | 5.584491 | -.003693 |
| #2 | 3.044682 | .0279004 | .0471275 | .0009571 | 7.926708 | 5.535554 | -.002622 |
| #3 | 3.126255 | .0245546 | .0449843 | .0012998 | 7.930002 | 5.562426 | -.002657 |

Sample Name: K1965-01DUP      Acquired: 03/22/2019 20:55:09      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BPS1-TT-MW31 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0466281</b> | <b>.0001076</b> | <b>.1376989</b> |
| Stddev | .0014937        | .0010136        | .0006232        |
| %RSD   | 3.203526        | 942.2357        | .4525595        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0472820</b> | <b>.0001893</b> | <b>.1376225</b> |
| #2 | <b>.0449189</b> | <b>-.000944</b> | <b>.1371174</b> |
| #3 | <b>.0476833</b> | <b>.001078</b>  | <b>.1383567</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2238.474</b> | <b>2640.492</b> | <b>51882.94</b> | <b>5148.067</b> | <b>4004.325</b> |
| Stddev    | 6.646           | 8.926           | 410.68          | 44.406          | 9.690           |
| %RSD      | .2968914        | .3380539        | .7915591        | .8625732        | .2419941        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2230.800 | 2638.820 | 51465.91 | 5096.875 | 4001.235 |
| #2 | 2242.336 | 2632.520 | 52286.97 | 5171.125 | 3996.557 |
| #3 | 2242.286 | 2650.136 | 51895.95 | 5176.200 | 4015.183 |

Sample Name: K1965-01LX5      Acquired: 03/22/2019 20:58:58      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0024929 | .0026782 | .0012973 | -.001534 | .0014257 | .5052109 | .0177381 |
| Stddev | .0023239 | .0000783 | .0011313 | .000672  | .0013081 | .0056547 | .0004177 |
| %RSD   | 93.22141 | 2.921964 | 87.20869 | 43.81918 | 91.75312 | 1.119273 | 2.354715 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0013374 | .0027189 | .0013296 | -.002299 | .0026478 | .5102514 | .0177157 |
| #2 | .0051680 | .0027277 | .0024121 | -.001040 | .0000459 | .5062853 | .0181665 |
| #3 | .0009732 | .0025880 | .0001501 | -.001262 | .0015834 | .4990961 | .0173320 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000787 | -.000125 | 4.145619 | .0270470 | -.000054 | .0048769 | .5228463 |
| Stddev | .0000812 | .000056  | .018977  | .0002091 | .000031  | .0044637 | .0412418 |
| %RSD   | 103.1265 | 44.74805 | .4577593 | .7732420 | 57.49946 | 91.52865 | 7.887935 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001532 | -.000102 | 4.154799 | .0272854 | -.000086 | .0073163 | .4813765 |
| #2 | .0000908 | -.000189 | 4.123798 | .0269611 | -.000024 | -.000275 | .5638562 |
| #3 | -.000008 | -.000084 | 4.158260 | .0268944 | -.000051 | .007589  | .5233063 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0032040 | 1.351142 | .0066329 | -.000381 | 25.15225 | .0006260 | .0067347 |
| Stddev | .0019041 | .053497  | .0002874 | .000152  | .16995   | .0024609 | .0004159 |
| %RSD   | 59.42936 | 3.959386 | 4.332271 | 39.98864 | .6756929 | 393.1047 | 6.175332 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0040527 | 1.314111 | .0069563 | -.000550 | 24.99264 | -.002133 | .0071971 |
| #2 | .0010231 | 1.412476 | .0064071 | -.000337 | 25.33094 | .002596  | .0066159 |
| #3 | .0045360 | 1.326838 | .0065352 | -.000255 | 25.13317 | .001415  | .0063912 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5182954 | .0049988 | .0073814 | -.000257 | 1.727736 | 1.228934 | -.003240 |
| Stddev | .1291013 | .0026693 | .0004142 | .000240  | .007317  | .005713  | .000951  |
| %RSD   | 24.90883 | 53.39840 | 5.611669 | 93.48670 | .4235244 | .4648841 | 29.36304 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4090041 | .0079895 | .0069989 | -.000001 | 1.730198 | 1.233958 | -.003727 |
| #2 | .6607402 | .0028581 | .0073241 | -.000478 | 1.719506 | 1.222720 | -.002144 |
| #3 | .4851418 | .0041487 | .0078214 | -.000293 | 1.733505 | 1.230126 | -.003850 |

Sample Name: K1965-01LX5      Acquired: 03/22/2019 20:58:58      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0121958</b> | <b>-.000543</b> | <b>.0289630</b> |
| Stddev | .0015255        | .000730         | .0003507        |
| %RSD   | 12.50863        | 134.5855        | 1.211040        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0112049</b> | <b>-.001205</b> | <b>.0286315</b> |
| #2 | <b>.0114299</b> | <b>.000241</b>  | <b>.0289274</b> |
| #3 | <b>.0139525</b> | <b>-.000664</b> | <b>.0293303</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2275.646</b> | <b>2675.631</b> | <b>51890.54</b> | <b>5104.042</b> | <b>4135.800</b> |
| Stddev    | 8.080           | 4.499           | 142.55          | 6.783           | 4.866           |
| %RSD      | .3550808        | .1681422        | .2747046        | .1328909        | .1176539        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2266.317</b> | <b>2671.547</b> | <b>51887.10</b> | <b>5096.700</b> | <b>4136.219</b> |
| #2 | <b>2280.138</b> | <b>2674.893</b> | <b>51749.75</b> | <b>5110.075</b> | <b>4130.738</b> |
| #3 | <b>2280.482</b> | <b>2680.454</b> | <b>52034.78</b> | <b>5105.350</b> | <b>4140.443</b> |

Sample Name: K1965-01MS      Acquired: 03/22/2019 21:02:51      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BPS1-TT-MW31      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7775912</b> | <b>1.991981</b> | <b>1.058517</b> | <b>1.644054</b> | <b>.7451493</b> | <b>8.581055</b> | <b>.2810214</b> |
| Stddev | .0066088        | .004059         | .001204         | .007488         | .0002335        | .077546         | .0007974        |
| %RSD   | .8499060        | .2037808        | .1137837        | .4554894        | .0313309        | .9036895        | .2837494        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7849279 | 1.994586 | 1.057405 | 1.652686 | .7453909 | 8.491555 | .2802875 |
| #2 | .7757409 | 1.987304 | 1.059796 | 1.639297 | .7449249 | 8.628204 | .2818698 |
| #3 | .7721047 | 1.994053 | 1.058348 | 1.640179 | .7451321 | 8.623405 | .2809068 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2102053</b> | <b>.2043296</b> | <b>21.05020</b> | <b>.5888906</b> | <b>.2168051</b> | <b>.3519043</b> | <b>6.100363</b> |
| Stddev | .0012523        | .0006058        | .27208          | .0028275        | .0005398        | .0035284        | .042347         |
| %RSD   | .5957482        | .2964651        | 1.292552        | .4801417        | .2489884        | 1.002658        | .6941753        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2096823 | .2047415 | 20.76869 | .5864542 | .2174277 | .3479124 | 6.066259 |
| #2 | .2116343 | .2036341 | 21.31176 | .5919910 | .2164691 | .3546061 | 6.147763 |
| #3 | .2092993 | .2046133 | 21.07015 | .5882264 | .2165184 | .3531944 | 6.087069 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2593741</b> | <b>8.757990</b> | <b>.5503789</b> | <b>.0844035</b> | <b>125.4840</b> | <b>.3526213</b> | <b>.2495837</b> |
| Stddev | .0052712        | .124521         | .0001200        | .0003178        | 1.4634          | .0126483        | .0005354        |
| %RSD   | 2.032280        | 1.421794        | .0217992        | .3764833        | 1.166190        | 3.586931        | .2145183        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2560904 | 8.629914 | .5504294 | .0847686 | 123.9718 | .3433099 | .2491999 |
| #2 | .2654543 | 8.878621 | .5504653 | .0842528 | 126.8931 | .3670214 | .2501953 |
| #3 | .2565777 | 8.765435 | .5502419 | .0841892 | 125.5870 | .3475328 | .2493558 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>13.94303</b> | <b>5.679370</b> | <b>.3652830</b> | <b>.3961693</b> | <b>8.072586</b> | <b>10.30095</b> | <b>.6382274</b> |
| Stddev | .21469          | .012400         | .0018220        | .0006842        | .032188         | .07141          | .0003618        |
| %RSD   | 1.539786        | .2183402        | .4987918        | .1727111        | .3987291        | .6931958        | .0566944        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.70305 | 5.692421 | .3637805 | .3965947 | 8.085888 | 10.25814 | .6383614 |
| #2 | 14.00915 | 5.667744 | .3673096 | .3953800 | 8.095991 | 10.38338 | .6378177 |
| #3 | 14.11688 | 5.677944 | .3647588 | .3965333 | 8.035879 | 10.26132 | .6385031 |

Sample Name: K1965-01MS      Acquired: 03/22/2019 21:02:51      Type: Unk  
 Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1: BPS1-TT-MW31      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.2716876</b> | <b>.2187952</b> | <b>.3694139</b> |
| Stddev | .0044247        | .0029333        | .0027849        |
| %RSD   | 1.628587        | 1.340673        | .7538755        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.2668311</b> | <b>.2157021</b> | <b>.3667206</b> |
| #2 | <b>.2727414</b> | <b>.2191462</b> | <b>.3692388</b> |
| #3 | <b>.2754902</b> | <b>.2215372</b> | <b>.3722822</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2205.091</b> | <b>2613.623</b> | <b>51484.93</b> | <b>5147.908</b> | <b>3963.485</b> |
| Stddev    | 4.684           | 11.948          | 194.96          | 36.090          | 14.297          |
| %RSD      | .2123954        | .4571611        | .3786771        | .7010587        | .3607150        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2209.948</b> | <b>2600.359</b> | <b>51674.22</b> | <b>5178.283</b> | <b>3948.170</b> |
| #2 | <b>2204.722</b> | <b>2616.967</b> | <b>51495.83</b> | <b>5108.012</b> | <b>3965.806</b> |
| #3 | <b>2200.603</b> | <b>2623.543</b> | <b>51284.75</b> | <b>5157.429</b> | <b>3976.480</b> |

Sample Name: K1965-01MSD      Acquired: 03/22/2019 21:06:31      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BPS1-TT-MW31      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7748538</b> | <b>1.981103</b> | <b>1.054357</b> | <b>1.630367</b> | <b>.7385954</b> | <b>8.543016</b> | <b>.2798723</b> |
| Stddev | .0044586        | .002179         | .002626         | .007042         | .0019219        | .038322         | .0005695        |
| %RSD   | .5754079        | .1100082        | .2490891        | .4319544        | .2602151        | .4485748        | .2034874        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7743835 | 1.979479 | 1.055981 | 1.634729 | .7365141 | 8.558556 | .2792190 |
| #2 | .7795289 | 1.980250 | 1.051327 | 1.634129 | .7403030 | 8.499365 | .2802639 |
| #3 | .7706490 | 1.983580 | 1.055762 | 1.622242 | .7389691 | 8.571127 | .2801340 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2109556</b> | <b>.2033587</b> | <b>21.01248</b> | <b>.5858504</b> | <b>.2158860</b> | <b>.3470484</b> | <b>6.038942</b> |
| Stddev | .0020197        | .0004839        | .14264          | .0014389        | .0002011        | .0042566        | .035756         |
| %RSD   | .9574213        | .2379547        | .6788354        | .2456145        | .0931694        | 1.226522        | .5920983        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2117117 | .2028128 | 21.15339 | .5852532 | .2159843 | .3444648 | 6.012997 |
| #2 | .2086669 | .2035282 | 20.86817 | .5848062 | .2156547 | .3447191 | 6.079730 |
| #3 | .2124881 | .2037350 | 21.01589 | .5874918 | .2160191 | .3519613 | 6.024100 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2579646</b> | <b>8.778843</b> | <b>.5461555</b> | <b>.0842449</b> | <b>125.0841</b> | <b>.3418872</b> | <b>.2479920</b> |
| Stddev | .0011332        | .244389         | .0014228        | .0003800        | .7223           | .0057387        | .0011189        |
| %RSD   | .4392967        | 2.783837        | .2605148        | .4510908        | .5774874        | 1.678529        | .4511638        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2567688 | 9.026377 | .5456857 | .0846679 | 125.7463 | .3457083 | .2479452 |
| #2 | .2581023 | 8.772427 | .5450271 | .0839322 | 124.3138 | .3352882 | .2491335 |
| #3 | .2590227 | 8.537726 | .5477538 | .0841347 | 125.1922 | .3446652 | .2468972 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>13.84129</b> | <b>5.632756</b> | <b>.3648598</b> | <b>.3942990</b> | <b>8.030608</b> | <b>10.32636</b> | <b>.6340193</b> |
| Stddev | .06871          | .009469         | .0031556        | .0004717        | .008603         | .07818          | .0017070        |
| %RSD   | .4963793        | .1681069        | .8648715        | .1196205        | .1071247        | .7570805        | .2692322        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.90936 | 5.642393 | .3652821 | .3941523 | 8.023284 | 10.33411 | .6336004 |
| #2 | 13.77196 | 5.632409 | .3615143 | .3948266 | 8.040082 | 10.24459 | .6358967 |
| #3 | 13.84255 | 5.623465 | .3677829 | .3939182 | 8.028457 | 10.40037 | .6325608 |

Sample Name: K1965-01MSD      Acquired: 03/22/2019 21:06:31      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BPS1-TT-MW31      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.2680357</b> | <b>.2170220</b> | <b>.3661077</b> |
| Stddev | .0008862        | .0014367        | .0016690        |
| %RSD   | .3306246        | .6620032        | .4558624        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.2673800</b> | <b>.2154757</b> | <b>.3643261</b> |
| #2 | <b>.2690439</b> | <b>.2172748</b> | <b>.3663623</b> |
| #3 | <b>.2676832</b> | <b>.2183156</b> | <b>.3676348</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2221.499</b> | <b>2629.897</b> | <b>51802.32</b> | <b>5142.077</b> | <b>3979.641</b> |
| Stddev    | 13.227          | 5.050           | 223.26          | 35.877          | 9.956           |
| %RSD      | .5954231        | .1920413        | .4309893        | .6977192        | .2501676        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2210.408 | 2624.325 | 51547.72 | 5114.093 | 3972.061 |
| #2 | 2217.951 | 2634.174 | 51894.59 | 5182.523 | 3990.916 |
| #3 | 2236.139 | 2631.192 | 51964.66 | 5129.615 | 3975.947 |

Sample Name: K1965-01A      Acquired: 03/22/2019 21:10:10      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7554086</b> | <b>1.915235</b> | <b>1.017258</b> | <b>1.576004</b> | <b>.7249640</b> | <b>8.288590</b> | <b>.2721156</b> |
| Stddev | .0072367        | .006927         | .000548         | .003467         | .0016957        | .106418         | .0026609        |
| %RSD   | .9579820        | .3616700        | .0538261        | .2199906        | .2338954        | 1.283912        | .9778524        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7634261 | 1.922715 | 1.017073 | 1.579881 | .7266905 | 8.189479 | .2691463 |
| #2 | .7493603 | 1.913951 | 1.016827 | 1.573203 | .7233010 | 8.275236 | .2742843 |
| #3 | .7534395 | 1.909041 | 1.017874 | 1.574926 | .7249007 | 8.401055 | .2729162 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2047245</b> | <b>.1970006</b> | <b>20.98876</b> | <b>.5674605</b> | <b>.2085717</b> | <b>.3414634</b> | <b>6.047961</b> |
| Stddev | .0015185        | .0001153        | .42304          | .0005347        | .0004679        | .0037412        | .126981         |
| %RSD   | .7417457        | .0585044        | 2.015560        | .0942281        | .2243099        | 1.095643        | 2.099565        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2031687 | .1969055 | 20.75281 | .5679696 | .2083574 | .3457390 | 5.953094 |
| #2 | .2048020 | .1969676 | 20.73632 | .5669034 | .2082494 | .3398606 | 5.998575 |
| #3 | .2062028 | .1971288 | 21.47715 | .5675085 | .2091083 | .3387906 | 6.192216 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2544481</b> | <b>8.745685</b> | <b>.5275756</b> | <b>.0816354</b> | <b>123.3486</b> | <b>.3391564</b> | <b>.2401261</b> |
| Stddev | .0049949        | .082652         | .0014895        | .0004838        | 1.4475          | .0081338        | .0010120        |
| %RSD   | 1.963039        | .9450589        | .2823348        | .5926530        | 1.173523        | 2.398260        | .4214584        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2520785 | 8.685472 | .5291284 | .0812006 | 122.3929 | .3409166 | .2411796 |
| #2 | .2510790 | 8.711666 | .5261586 | .0821566 | 122.6390 | .3302866 | .2400375 |
| #3 | .2601868 | 8.839918 | .5274397 | .0815490 | 125.0140 | .3462661 | .2391613 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>13.39033</b> | <b>5.443165</b> | <b>.3552495</b> | <b>.3887998</b> | <b>7.844588</b> | <b>10.03898</b> | <b>.6220148</b> |
| Stddev | .29618          | .004193         | .0030471        | .0009858        | .019244         | .08569          | .0023805        |
| %RSD   | 2.211885        | .0770231        | .8577307        | .2535588        | .2453132        | .8535354        | .3827014        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.08885 | 5.441376 | .3517320 | .3876685 | 7.850752 | 9.94722  | .6202152 |
| #2 | 13.40123 | 5.447956 | .3569370 | .3892564 | 7.823017 | 10.05281 | .6211152 |
| #3 | 13.68091 | 5.440164 | .3570795 | .3894746 | 7.859994 | 10.11690 | .6247140 |

Sample Name: K1965-01A      Acquired: 03/22/2019 21:10:10      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.2638509</b> | <b>.2107126</b> | <b>.3565154</b> |
| Stddev | .0027434        | .0047704        | .0027840        |
| %RSD   | 1.039751        | 2.263931        | .7808955        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.2608134</b> | <b>.2054519</b> | <b>.3534424</b> |
| #2 | <b>.2645911</b> | <b>.2119284</b> | <b>.3572343</b> |
| #3 | <b>.2661483</b> | <b>.2147574</b> | <b>.3588694</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2230.814</b> | <b>2625.350</b> | <b>52028.15</b> | <b>5131.698</b> | <b>3997.768</b> |
| Stddev    | 17.473          | 2.578           | 91.69           | 28.415          | 8.995           |
| %RSD      | .7832501        | .0982013        | .1762362        | .5537093        | .2250080        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2218.563</b> | <b>2624.661</b> | <b>52114.35</b> | <b>5161.791</b> | <b>3988.483</b> |
| #2 | <b>2223.056</b> | <b>2623.187</b> | <b>51931.81</b> | <b>5127.974</b> | <b>3998.378</b> |
| #3 | <b>2250.822</b> | <b>2628.203</b> | <b>52038.29</b> | <b>5105.329</b> | <b>4006.442</b> |

Sample Name: CCV06      Acquired: 03/22/2019 21:13:49      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.940667 | 4.847593 | 5.113594 | 4.783404 | 4.925632 | 10.36082 |
| Stddev | .012533  | .016381  | .005226  | .010014  | .007381  | .05438   |
| %RSD   | .2536707 | .3379256 | .1022011 | .2093458 | .1498449 | .5248253 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.951486 | 4.850983 | 5.108378 | 4.772872 | 4.929092 | 10.41184 |
| #2 | 4.926934 | 4.829783 | 5.113573 | 4.784536 | 4.917156 | 10.30362 |
| #3 | 4.943580 | 4.862015 | 5.118830 | 4.792803 | 4.930647 | 10.36700 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 9.767921 | .2733650 | 2.495415 | F 27.95318 | 1.067626 | 2.527914 |
| Stddev | .020925  | .0016013 | .002422  | .29565     | .001814  | .002526  |
| %RSD   | .2142233 | .5857690 | .0970379 | 1.057677   | .1698970 | .0999436 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.765043 | .2739682 | 2.494259 | 28.19025 | 1.067986 | 2.527185 |
| #2 | 9.748583 | .2715497 | 2.493789 | 27.62191 | 1.069232 | 2.525832 |
| #3 | 9.790135 | .2745771 | 2.498198 | 28.04740 | 1.065659 | 2.530725 |

|        |          |          |            |            |          |            |
|--------|----------|----------|------------|------------|----------|------------|
| Elem   | Cu3247   | Fe2598   | Mn2576     | Mg2790     | Ni2316   | Ag3280     |
| Units  | ppm      | ppm      | ppm        | ppm        | ppm      | ppm        |
| Avg    | 1.306438 | 5.390133 | F 2.833263 | F 27.71785 | 2.434705 | F 1.387671 |
| Stddev | .001609  | .096683  | .030216    | .34739     | .001879  | .004256    |
| %RSD   | .1231886 | 1.793699 | 1.066475   | 1.253324   | .0771752 | .3066735   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.308256 | 5.464153 | 2.866049 | 28.08764 | 2.433449 | 1.390468 |
| #2 | 1.305859 | 5.280747 | 2.806535 | 27.39833 | 2.433800 | 1.382773 |
| #3 | 1.305198 | 5.425499 | 2.827206 | 27.66757 | 2.436865 | 1.389771 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 26.13875 | 2.647714 | 2.687027 | 25.74455 | 4.867419 | F 5.759387 |
| Stddev | .28785   | .039923  | .005140  | .13913   | .007510  | .022898    |
| %RSD   | 1.101227 | 1.507837 | .1912861 | .5404380 | .1542832 | .3975805   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 25.87667 | 2.673471 | 2.685101 | 25.85052 | 4.872632 | 5.764124 |
| #2 | 26.09275 | 2.601725 | 2.692852 | 25.58699 | 4.858811 | 5.734491 |
| #3 | 26.44682 | 2.667945 | 2.683129 | 25.79615 | 4.870813 | 5.779546 |

Sample Name: CCV06      Acquired: 03/22/2019 21:13:49      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                   |                 |                 |                 |
|--------|-----------------|-----------------|-------------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820          | Si2516            | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm             | ppm               | ppm             | ppm             | ppm             |
| Avg    | <b>5.031657</b> | <b>4.608537</b> | <b>F 5.554790</b> | <b>4.679997</b> | <b>5.348882</b> | <b>5.038550</b> |
| Stddev | .014338         | .019990         | .028619           | .011534         | .026726         | .014428         |
| %RSD   | .2849645        | .4337554        | .5152105          | .2464557        | .4996541        | .2863577        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.040708 | 4.612764 | 5.556813 | 4.684448 | 5.371803 | 5.047401 |
| #2 | 5.015125 | 4.586772 | 5.525213 | 4.666900 | 5.319526 | 5.021901 |
| #3 | 5.039138 | 4.626076 | 5.582343 | 4.688642 | 5.355319 | 5.046349 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>5.177798</b> |
| Stddev | .010654         |
| %RSD   | .2057677        |

|    |          |
|----|----------|
| #1 | 5.188697 |
| #2 | 5.167406 |
| #3 | 5.177291 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2253.394</b> | <b>2644.548</b> | <b>51842.48</b> | <b>5065.114</b> | <b>4031.809</b> |
| Stddev    | 9.942           | 7.504           | 226.72          | 35.972          | 6.204           |
| %RSD      | .4412026        | .2837521        | .4373218        | .7101826        | .1538774        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2244.635 | 2635.952 | 51656.34 | 5043.946 | 4024.650 |
| #2 | 2264.200 | 2649.791 | 52094.97 | 5106.648 | 4035.630 |
| #3 | 2251.347 | 2647.900 | 51776.13 | 5044.748 | 4035.146 |

Sample Name: CCB06      Acquired: 03/22/2019 21:17:21      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0016116 | .0006926 | .0001189 | .0016076 | .0010800 | .0033874 | .0050022 |
| Stddev | .0008773 | .0032245 | .0006104 | .0022859 | .0017466 | .0023638 | .0002125 |
| %RSD   | 54.43566 | 465.5650 | 513.4025 | 142.1934 | 161.7312 | 69.78366 | 4.248531 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0019017 | .0025548 | .0007751 | -.000342 | .0020898 | .0056172 | .0048107 |
| #2 | .0023071 | .0025538 | .0000136 | .004123  | .0020869 | .0009092 | .0049651 |
| #3 | .0006260 | -.003031 | -.000432 | .001042  | -.000937 | .0036357 | .0052309 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000322 | -.000024 | -.000310 | -.000037 | .0000057 | .0047978 | .0119861 |
| Stddev | .0000308 | .000044  | .031265  | .000269  | .0001428 | .0037366 | .0105629 |
| %RSD   | 95.62863 | 184.7174 | 10071.24 | 729.1163 | 2499.851 | 77.88173 | 88.12604 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000612 | .000026  | -.020567 | -.000264 | .0001555 | .0055309 | .0010463 |
| #2 | .0000353 | -.000060 | .035698  | .000260  | -.000129 | .0007490 | .0221266 |
| #3 | -.000000 | -.000038 | -.016062 | -.000107 | -.000009 | .0081135 | .0127853 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001813 | -.020532 | .0001505 | -.000166 | -.467417 | -.005169 | .0002230 |
| Stddev | .0023627 | .049400  | .0003830 | .000167  | .380251  | .004529  | .0003891 |
| %RSD   | 1303.455 | 240.5954 | 254.5426 | 100.4106 | 81.35161 | 87.60805 | 174.4913 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000189 | .032384  | -.000292 | -.000141 | -.904805 | -.010396 | -.000061 |
| #2 | .002707  | -.028544 | .000362  | -.000013 | -.215414 | -.002709 | .000064  |
| #3 | -.001974 | -.065437 | .000381  | -.000343 | -.282031 | -.002403 | .000666  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.272531 | -.000858 | .0060386 | -.000398 | .0004835 | .0062472 | .0001416 |
| Stddev | .043587  | .002992  | .0007052 | .000214  | .0033828 | .0006099 | .0007208 |
| %RSD   | 15.99351 | 348.8064 | 11.67880 | 53.78963 | 699.6606 | 9.762844 | 508.9185 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.317335 | -.001446 | .0055811 | -.000620 | .0043721 | .0069492 | .0009725 |
| #2 | -.269987 | .002385  | .0068507 | -.000193 | -.001781 | .0058468 | -.000317 |
| #3 | -.230272 | -.003511 | .0056838 | -.000382 | -.001140 | .0059456 | -.000231 |

Sample Name: CCB06      Acquired: 03/22/2019 21:17:21      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0020029</b> | <b>.0006743</b> | <b>.0000688</b> |
| Stddev | .0022172        | .0019070        | .0000631        |
| %RSD   | 110.6991        | 282.8174        | 91.81639        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.000533</b> | <b>-.001352</b> | <b>.0000253</b> |
| #2 | <b>.003577</b>  | <b>.002435</b>  | <b>.0001412</b> |
| #3 | <b>.002964</b>  | <b>.000940</b>  | <b>.0000398</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2278.174</b> | <b>2707.920</b> | <b>51894.58</b> | <b>5115.667</b> | <b>4181.391</b> |
| Stddev    | 4.702           | 7.193           | 112.24          | 36.188          | 10.903          |
| %RSD      | .2063764        | .2656349        | .2162909        | .7073976        | .2607387        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2281.462</b> | <b>2702.619</b> | <b>51767.70</b> | <b>5080.775</b> | <b>4175.217</b> |
| #2 | <b>2280.271</b> | <b>2716.108</b> | <b>51980.93</b> | <b>5153.025</b> | <b>4193.980</b> |
| #3 | <b>2272.788</b> | <b>2705.033</b> | <b>51935.10</b> | <b>5113.200</b> | <b>4174.978</b> |

Sample Name: K1965-03      Acquired: 03/22/2019 21:21:15      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BPS1-TT-MW31      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001111</b> | <b>-.000623</b> | <b>.0024530</b> | <b>.0007596</b> | <b>-.000023</b> | <b>.0797081</b> | <b>.2640636</b> |
| Stddev | .002451         | .000907         | .0011663        | .0035252        | .001415         | .0239623        | .0015483        |
| %RSD   | 220.5904        | 145.5619        | 47.54513        | 464.1042        | 6038.733        | 30.06257        | .5863313        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .001550  | -.000860 | .0037768 | .0031947 | .000201  | .0520557 | .2653220 |
| #2 | -.001608 | -.001388 | .0015772 | .0023669 | -.001537 | .0926974 | .2645342 |
| #3 | -.003275 | .000379  | .0020049 | -.003283 | .001265  | .0943712 | .2623347 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000206</b> | <b>.0100201</b> | <b>43.32057</b> | <b>.0076197</b> | <b>-.001310</b> | <b>.0026197</b> | <b>.1845422</b> |
| Stddev | .000040         | .0000644        | .17174          | .0003184        | .000243         | .0048308        | .0129707        |
| %RSD   | 19.59792        | .6424742        | .3964450        | 4.178210        | 18.57960        | 184.4051        | 7.028568        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000201 | .0099994 | 43.25996 | .0077661 | -.001173 | .0076209 | .1699482 |
| #2 | -.000168 | .0100924 | 43.51440 | .0078385 | -.001591 | -.002020 | .1947547 |
| #3 | -.000249 | .0099687 | 43.18735 | .0072545 | -.001166 | .002258  | .1889237 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000976</b> | <b>17.20027</b> | <b>.0031602</b> | <b>-.000243</b> | <b>416.3909</b> | <b>-.001935</b> | <b>.0291408</b> |
| Stddev | .002992         | .17045          | .0001809        | .000388         | 1.2792          | .008344         | .0007105        |
| %RSD   | 306.4986        | .9909533        | 5.725409        | 160.0130        | .3072217        | 431.2226        | 2.438147        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.003883 | 17.36768 | .0033121 | -.000261 | 415.7181 | -.011456 | .0289811 |
| #2 | -.001140 | 17.02694 | .0029600 | -.000622 | 417.8661 | .001548  | .0299175 |
| #3 | .002094  | 17.20619 | .0032084 | .000154  | 415.5885 | .004104  | .0285238 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>6.024292</b> | <b>.0012777</b> | <b>.0367135</b> | <b>-.000331</b> | <b>14.73936</b> | <b>8.002033</b> | <b>-.003407</b> |
| Stddev | .056600         | .0014581        | .0006624        | .000330         | .00339          | .066349         | .001112         |
| %RSD   | .9395335        | 114.1217        | 1.804237        | 99.58864        | .0229665        | .8291460        | 32.64430        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.031340 | -.000386 | .0366666 | -.000047 | 14.74124 | 8.017982 | -.002161 |
| #2 | 6.077039 | .001888  | .0373982 | -.000692 | 14.73545 | 8.058953 | -.004299 |
| #3 | 5.964498 | .002332  | .0360759 | -.000254 | 14.74138 | 7.929163 | -.003762 |

Sample Name: K1965-03      Acquired: 03/22/2019 21:21:15      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BPS1-TT-MW31      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0034143</b> | <b>.0040252</b> | <b>.6061304</b> |
| Stddev | .0023620        | .0021770        | .0012865        |
| %RSD   | 69.17916        | 54.08490        | .2122409        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0059230</b> | <b>.0017566</b> | <b>.6061545</b> |
| #2 | <b>.0012332</b> | <b>.0042219</b> | <b>.6074047</b> |
| #3 | <b>.0030868</b> | <b>.0060973</b> | <b>.6048321</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2159.950</b> | <b>2547.280</b> | <b>50133.27</b> | <b>4987.048</b> | <b>3819.830</b> |
| Stddev    | 8.371           | 6.805           | 100.95          | 43.140          | 11.591          |
| %RSD      | .3875558        | .2671296        | .2013692        | .8650370        | .3034495        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2165.046 | 2539.461 | 50242.07 | 4966.657 | 3806.706 |
| #2 | 2150.289 | 2550.523 | 50042.63 | 4957.884 | 3828.669 |
| #3 | 2164.516 | 2551.856 | 50115.11 | 5036.604 | 3824.115 |

Sample Name: K1965-04      Acquired: 03/22/2019 21:25:05      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BPS1-TT-MW31      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0013125 | -.001203 | .0040830 | .0009039 | .0009646 | .6601406 | .1539632 |
| Stddev | .0029244 | .001054  | .0006413 | .0007054 | .0026588 | .0009889 | .0017138 |
| %RSD   | 222.8110 | 87.60369 | 15.70709 | 78.04454 | 275.6276 | .1497950 | 1.113103 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000310 | -.000109 | .0033760 | .0013471 | .0039015 | .6611344 | .1526002 |
| #2 | -.000441 | -.002211 | .0046274 | .0000904 | -.001279 | .6591567 | .1558872 |
| #3 | .004689  | -.001287 | .0042455 | .0012741 | .000271  | .6601307 | .1534022 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000086 | -.000138 | 35.36212 | .0081547 | -.000815 | .0014501 | 3.202261 |
| Stddev | .000055  | .000073  | .16612   | .0004746 | .000149  | .0032856 | .010741  |
| %RSD   | 63.99782 | 52.48468 | .4697615 | 5.819772 | 18.23948 | 226.5863 | .3354055 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000082 | -.000152 | 35.49632 | .0076136 | -.000666 | .0047277 | 3.198027 |
| #2 | -.000143 | -.000060 | 35.41373 | .0083499 | -.000964 | -.001843 | 3.214474 |
| #3 | -.000033 | -.000203 | 35.17633 | .0085006 | -.000816 | .001466  | 3.194284 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0510411 | 15.82413 | .0054829 | -.000438 | 69.64197 | .0060624 | .0151718 |
| Stddev | .0013128 | .14828   | .0005160 | .000368  | .35565   | .0076766 | .0003130 |
| %RSD   | 2.572014 | .9370659 | 9.411283 | 84.18173 | .5106879 | 126.6269 | 2.062991 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0516385 | 15.86118 | .0052457 | -.000063 | 69.90229 | .0149166 | .0155326 |
| #2 | .0495358 | 15.95038 | .0051281 | -.000800 | 69.78688 | .0012717 | .0150093 |
| #3 | .0519489 | 15.66084 | .0060748 | -.000449 | 69.23674 | .0019988 | .0149734 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.373874 | .0103048 | .0606476 | .0002126 | 12.07988 | 7.446864 | -.002722 |
| Stddev | .058760  | .0018651 | .0009967 | .0001995 | .02541   | .009851  | .000836  |
| %RSD   | 1.343439 | 18.09931 | 1.643455 | 93.84120 | .2103782 | .1322835 | 30.71003 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.439339 | .0084954 | .0617693 | .0001482 | 12.08002 | 7.437664 | -.002765 |
| #2 | 4.356585 | .0122210 | .0603098 | .0000533 | 12.05439 | 7.457257 | -.003535 |
| #3 | 4.325697 | .0101980 | .0598636 | .0004364 | 12.10522 | 7.445669 | -.001865 |

Sample Name: K1965-04      Acquired: 03/22/2019 21:25:05      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BPS1-TT-MW31      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0248981</b> | <b>.0016376</b> | <b>.3470949</b> |
| Stddev | .0002012        | .0005027        | .0002601        |
| %RSD   | .8079335        | 30.69684        | .0749241        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0250336</b> | <b>.0010613</b> | <b>.3470946</b> |
| #2 | <b>.0249938</b> | <b>.0018654</b> | <b>.3473550</b> |
| #3 | <b>.0246670</b> | <b>.0019860</b> | <b>.3468349</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2219.356</b> | <b>2628.935</b> | <b>51540.72</b> | <b>5102.539</b> | <b>4068.253</b> |
| Stddev    | 6.992           | 6.958           | 227.21          | 21.548          | 9.581           |
| %RSD      | .3150280        | .2646774        | .4408339        | .4223029        | .2355082        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2214.421</b> | <b>2620.913</b> | <b>51282.01</b> | <b>5099.490</b> | <b>4057.824</b> |
| #2 | <b>2216.290</b> | <b>2632.547</b> | <b>51632.35</b> | <b>5082.677</b> | <b>4076.665</b> |
| #3 | <b>2227.357</b> | <b>2633.343</b> | <b>51707.81</b> | <b>5125.449</b> | <b>4070.269</b> |

Sample Name: K1965-05      Acquired: 03/22/2019 21:28:56      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BPS1-TT-MW31      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000030</b> | <b>-.001073</b> | <b>.0009471</b> | <b>.0012390</b> | <b>-.000220</b> | <b>.0445770</b> | <b>.0479900</b> |
| Stddev | .001423         | .001489         | .0007711        | .0009427        | .001453         | .0043906        | .0007233        |
| %RSD   | 4776.719        | 138.8086        | 81.41498        | 76.08423        | 660.0782        | 9.849403        | 1.507251        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001625</b> | <b>-.001484</b> | <b>.0016850</b> | <b>.0007817</b> | <b>-.000384</b> | <b>.0467548</b> | <b>.0471764</b> |
| #2 | <b>.000427</b>  | <b>.000579</b>  | <b>.0001467</b> | <b>.0006122</b> | <b>.001308</b>  | <b>.0395232</b> | <b>.0482334</b> |
| #3 | <b>.001109</b>  | <b>-.002314</b> | <b>.0010094</b> | <b>.0023232</b> | <b>-.001585</b> | <b>.0474529</b> | <b>.0485602</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000154</b> | <b>-.000156</b> | <b>12.41835</b> | <b>.0290188</b> | <b>-.000704</b> | <b>.0026755</b> | <b>.1290268</b> |
| Stddev | .000051         | .000052         | .08687          | .0005565        | .000254         | .0028589        | .0180420        |
| %RSD   | 33.36498        | 33.47350        | .6994925        | 1.917692        | 36.02130        | 106.8538        | 13.98317        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000212</b> | <b>-.000210</b> | <b>12.42542</b> | <b>.0285536</b> | <b>-.000929</b> | <b>.0001460</b> | <b>.1404199</b> |
| #2 | <b>-.000135</b> | <b>-.000149</b> | <b>12.50147</b> | <b>.0296353</b> | <b>-.000429</b> | <b>.0057773</b> | <b>.1384352</b> |
| #3 | <b>-.000115</b> | <b>-.000107</b> | <b>12.32817</b> | <b>.0288676</b> | <b>-.000753</b> | <b>.0021033</b> | <b>.1082252</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0022438</b> | <b>3.994335</b> | <b>.0027009</b> | <b>-.000665</b> | <b>81.57090</b> | <b>-.004963</b> | <b>.0126729</b> |
| Stddev | .0011624        | .049688         | .0000547        | .000063         | .52041          | .006484         | .0000915        |
| %RSD   | 51.80721        | 1.243963        | 2.026505        | 9.488634        | .6379802        | 130.6434        | .7222215        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0021857</b> | <b>3.995402</b> | <b>.0027528</b> | <b>-.000735</b> | <b>81.63848</b> | <b>-.012366</b> | <b>.0127752</b> |
| #2 | <b>.0011115</b> | <b>4.043480</b> | <b>.0027063</b> | <b>-.000614</b> | <b>82.05421</b> | <b>-.002227</b> | <b>.0125987</b> |
| #3 | <b>.0034342</b> | <b>3.944121</b> | <b>.0026437</b> | <b>-.000645</b> | <b>81.02000</b> | <b>-.000296</b> | <b>.0126448</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.044470</b> | <b>.0029872</b> | <b>.0357056</b> | <b>-.000263</b> | <b>7.921128</b> | <b>3.939167</b> | <b>-.002870</b> |
| Stddev | .068176         | .0026163        | .0012752        | .000143         | .013267         | .022052         | .000863         |
| %RSD   | 6.527317        | 87.58401        | 3.571576        | 54.34101        | .1674841        | .5598019        | 30.05058        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1.100204</b> | <b>.0059815</b> | <b>.0371724</b> | <b>-.000115</b> | <b>7.906057</b> | <b>3.950420</b> | <b>-.003637</b> |
| #2 | <b>1.064751</b> | <b>.0011426</b> | <b>.0350845</b> | <b>-.000401</b> | <b>7.931040</b> | <b>3.953322</b> | <b>-.001937</b> |
| #3 | <b>.968455</b>  | <b>.0018375</b> | <b>.0348598</b> | <b>-.000273</b> | <b>7.926288</b> | <b>3.913759</b> | <b>-.003038</b> |

Sample Name: K1965-05      Acquired: 03/22/2019 21:28:56      Type: Unk  
 Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1: BPS1-TT-MW31 Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0015270</b> | <b>-.002534</b> | <b>.0738368</b> |
| Stddev | .0017539        | .000578         | .0000823        |
| %RSD   | 114.8568        | 22.81934        | .1114188        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.000340</b> | <b>-.003018</b> | <b>.0738339</b> |
| #2 | <b>.003140</b>  | <b>-.001894</b> | <b>.0737560</b> |
| #3 | <b>.001782</b>  | <b>-.002690</b> | <b>.0739204</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2236.620</b> | <b>2662.399</b> | <b>51730.00</b> | <b>5107.258</b> | <b>4137.244</b> |
| Stddev    | 7.854           | 6.055           | 181.28          | 26.713          | 2.397           |
| %RSD      | .3511625        | .2274317        | .3504430        | .5230386        | .0579417        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2232.086 | 2656.169 | 51531.03 | 5087.175 | 4134.856 |
| #2 | 2232.086 | 2668.263 | 51885.81 | 5097.025 | 4139.650 |
| #3 | 2245.690 | 2662.764 | 51773.15 | 5137.575 | 4137.227 |

Sample Name: K1965-06      Acquired: 03/22/2019 21:32:46      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BP-HN-MW24IR      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.004249</b> | <b>-.000523</b> | <b>.0005955</b> | <b>-.000405</b> | <b>.0024914</b> | <b>.0120436</b> | <b>.1082930</b> |
| Stddev | .003231         | .003197         | .0017127        | .001646         | .0014290        | .0162495        | .0007683        |
| %RSD   | 76.04420        | 610.9558        | 287.5993        | 406.1067        | 57.35582        | 134.9227        | .7094576        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.006188</b> | <b>-.003965</b> | <b>.0003008</b> | <b>.001365</b>  | <b>.0035613</b> | <b>.0266576</b> | <b>.1087680</b> |
| #2 | <b>-.000519</b> | <b>.000041</b>  | <b>.0024364</b> | <b>-.001889</b> | <b>.0030444</b> | <b>.0149282</b> | <b>.1074066</b> |
| #3 | <b>-.006039</b> | <b>.002354</b>  | <b>-.000951</b> | <b>-.000691</b> | <b>.0008686</b> | <b>-.005455</b> | <b>.1087044</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000232</b> | <b>-.000031</b> | <b>27.38635</b> | <b>.0027736</b> | <b>.0000996</b> | <b>.0112738</b> | <b>.0472009</b> |
| Stddev | .000083         | .000024         | .10774          | .0002168        | .0000826        | .0060235        | .0111151        |
| %RSD   | 36.00455        | 76.67709        | .3934110        | 7.817268        | 82.95862        | 53.42955        | 23.54841        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000321</b> | <b>-.000027</b> | <b>27.33912</b> | <b>.0025574</b> | <b>.0000844</b> | <b>.0057523</b> | <b>.0589182</b> |
| #2 | <b>-.000219</b> | <b>-.000057</b> | <b>27.31028</b> | <b>.0029910</b> | <b>.0000256</b> | <b>.0103715</b> | <b>.0368066</b> |
| #3 | <b>-.000155</b> | <b>-.000010</b> | <b>27.50964</b> | <b>.0027723</b> | <b>.0001887</b> | <b>.0176976</b> | <b>.0458777</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0210352</b> | <b>8.631779</b> | <b>.0041732</b> | <b>-.000245</b> | <b>50.63867</b> | <b>.0008039</b> | <b>.0431716</b> |
| Stddev | .0015389        | .015328         | .0003405        | .000232         | .17982          | .0034545        | .0003996        |
| %RSD   | 7.315926        | .1775774        | 8.158103        | 94.72144        | .3550979        | 429.7268        | .9255373        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0218478</b> | <b>8.619194</b> | <b>.0043472</b> | <b>.000016</b>  | <b>50.44502</b> | <b>.0011762</b> | <b>.0428325</b> |
| #2 | <b>.0219974</b> | <b>8.627293</b> | <b>.0043914</b> | <b>-.000323</b> | <b>50.67063</b> | <b>-.002822</b> | <b>.0430702</b> |
| #3 | <b>.0192603</b> | <b>8.648849</b> | <b>.0037809</b> | <b>-.000427</b> | <b>50.80036</b> | <b>.004057</b>  | <b>.0436121</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.981154</b> | <b>.0005171</b> | <b>.1103758</b> | <b>-.000164</b> | <b>13.82167</b> | <b>7.258925</b> | <b>-.002265</b> |
| Stddev | .070842         | .0036847        | .0010704        | .000116         | .03671          | .036980         | .000624         |
| %RSD   | 1.422209        | 712.6098        | .9698112        | 70.57084        | .2655853        | .5094418        | 27.54826        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>5.041288</b> | <b>-.000263</b> | <b>.1115195</b> | <b>-.000273</b> | <b>13.82709</b> | <b>7.296482</b> | <b>-.002092</b> |
| #2 | <b>4.903060</b> | <b>-.002715</b> | <b>.1102099</b> | <b>-.000042</b> | <b>13.78255</b> | <b>7.257743</b> | <b>-.001746</b> |
| #3 | <b>4.999112</b> | <b>.004529</b>  | <b>.1093981</b> | <b>-.000178</b> | <b>13.85536</b> | <b>7.222550</b> | <b>-.002958</b> |

Sample Name: K1965-06      Acquired: 03/22/2019 21:32:46      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BP-HN-MW24IR      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0014482</b> | <b>.0012844</b> | <b>.3858032</b> |
| Stddev | .0023563        | .0012970        | .0002751        |
| %RSD   | 162.7025        | 100.9859        | .0712968        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.001267</b> | <b>.0002396</b> | <b>.3857004</b> |
| #2 | <b>.002960</b>  | <b>.0027361</b> | <b>.3855943</b> |
| #3 | <b>.002652</b>  | <b>.0008774</b> | <b>.3861148</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2208.839</b> | <b>2636.161</b> | <b>51247.59</b> | <b>5081.478</b> | <b>4108.423</b> |
| Stddev    | 6.634           | 6.672           | 226.73          | 27.812          | 10.867          |
| %RSD      | .3003597        | .2530819        | .4424179        | .5473180        | .2645019        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2211.973</b> | <b>2630.132</b> | <b>51264.67</b> | <b>5049.390</b> | <b>4105.346</b> |
| #2 | <b>2201.218</b> | <b>2643.329</b> | <b>51012.81</b> | <b>5096.388</b> | <b>4120.496</b> |
| #3 | <b>2213.326</b> | <b>2635.023</b> | <b>51465.30</b> | <b>5098.655</b> | <b>4099.426</b> |

Sample Name: K1965-08      Acquired: 03/22/2019 21:36:36      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BP-DUP05-201 Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0008927 | -.000188 | .0013240 | .0013324 | .0021780 | .0177934 | .1150423 |
| Stddev | .0048317 | .003083  | .0007439 | .0015452 | .0021944 | .0044278 | .0006131 |
| %RSD   | 541.2580 | 1639.931 | 56.18424 | 115.9752 | 100.7535 | 24.88462 | .5329609 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.003134 | -.002304 | .0004789 | -.000003 | .0046989 | .0184520 | .1156691 |
| #2 | .006250  | .003349  | .0016134 | .000975  | .0011399 | .0218550 | .1144438 |
| #3 | -.000439 | -.001609 | .0018797 | .003025  | .0006953 | .0130732 | .1150140 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000168 | -.000072 | 29.22903 | .0021189 | -.000181 | .0079080 | .0506106 |
| Stddev | .000070  | .000100  | .17493   | .0001585 | .000094  | .0046327 | .0204237 |
| %RSD   | 41.87624 | 138.0258 | .5984931 | 7.480528 | 51.96378 | 58.58219 | 40.35467 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000197 | -.000185 | 29.35379 | .0020655 | -.000171 | .0063726 | .0297392 |
| #2 | -.000087 | .000004  | 29.30424 | .0019941 | -.000093 | .0131134 | .0705551 |
| #3 | -.000218 | -.000035 | 29.02907 | .0022972 | -.000280 | .0042379 | .0515375 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0215256 | 9.152231 | .0044045 | -.000223 | 52.46173 | .0040475 | .0481213 |
| Stddev | .0013198 | .237924  | .0002616 | .000284  | .35325   | .0088818 | .0004986 |
| %RSD   | 6.131245 | 2.599628 | 5.940541 | 127.0518 | .6733489 | 219.4384 | 1.036213 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0203259 | 9.205992 | .0041025 | .000100  | 52.77252 | -.006185 | .0475907 |
| #2 | .0213115 | 9.358674 | .0045480 | -.000430 | 52.53513 | .008561  | .0485802 |
| #3 | .0229393 | 8.892026 | .0045630 | -.000340 | 52.07755 | .009766  | .0481930 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.325698 | .0003676 | .1157142 | -.000147 | 14.63925 | 7.623816 | -.002269 |
| Stddev | .022798  | .0023030 | .0007084 | .000192  | .02662   | .025256  | .000790  |
| %RSD   | .4280800 | 626.5828 | .6121870 | 131.0209 | .1818531 | .3312747 | 34.82144 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.351058 | .0006302 | .1162650 | -.000353 | 14.60851 | 7.640988 | -.002324 |
| #2 | 5.319134 | .0025280 | .1149151 | .000028  | 14.65508 | 7.635643 | -.003030 |
| #3 | 5.306901 | -.002056 | .1159625 | -.000115 | 14.65415 | 7.594817 | -.001453 |

Sample Name: K1965-08      Acquired: 03/22/2019 21:36:36      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BP-DUP05-201 Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0014332 | .0022627 | .4345155 |
| Stddev | .0018865 | .0008348 | .0011499 |
| %RSD   | 131.6277 | 36.89406 | .2646403 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000519 | .0015017 | .4350020 |
| #2 | .001573  | .0021308 | .4353421 |
| #3 | .003246  | .0031556 | .4332023 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2209.410 | 2623.354 | 51414.35 | 5103.028 | 4088.134 |
| Stddev    | 15.980   | 5.905    | 383.54   | 40.969   | 9.914    |
| %RSD      | .7232840 | .2251089 | .7459797 | .8028347 | .2424998 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2201.127 | 2624.312 | 51311.61 | 5061.639 | 4092.794 |
| #2 | 2199.271 | 2628.721 | 51092.65 | 5103.879 | 4094.858 |
| #3 | 2227.831 | 2617.028 | 51838.80 | 5143.564 | 4076.748 |

Sample Name: K1965-10      Acquired: 03/22/2019 21:40:26      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BPS1-TT-MW30      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.003649</b> | <b>-.001549</b> | <b>.0027268</b> | <b>.0014610</b> | <b>.0018271</b> | <b>.0252769</b> | <b>.0226489</b> |
| Stddev | .001301         | .000888         | .0009454        | .0030721        | .0028058        | .0115639        | .0005923        |
| %RSD   | 35.66315        | 57.35205        | 34.67001        | 210.2684        | 153.5638        | 45.74870        | 2.615312        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.003338</b> | <b>-.002541</b> | <b>.0038182</b> | <b>.0032869</b> | <b>.0045153</b> | <b>.0216070</b> | <b>.0228984</b> |
| #2 | <b>-.002531</b> | <b>-.000826</b> | <b>.0021989</b> | <b>.0031820</b> | <b>-.001083</b> | <b>.0382304</b> | <b>.0230757</b> |
| #3 | <b>-.005078</b> | <b>-.001281</b> | <b>.0021632</b> | <b>-.002086</b> | <b>.002049</b>  | <b>.0159933</b> | <b>.0219726</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000321</b> | <b>-.000151</b> | <b>6.716303</b> | <b>.0071639</b> | <b>.0004070</b> | <b>.0047823</b> | <b>.0607132</b> |
| Stddev | .000022         | .000013         | .008799         | .0002114        | .0003654        | .0026140        | .0175453        |
| %RSD   | 7.006147        | 8.698963        | .1310166        | 2.951611        | 89.77423        | 54.66041        | 28.89871        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000313</b> | <b>-.000139</b> | <b>6.725023</b> | <b>.0072185</b> | <b>.0003241</b> | <b>.0069976</b> | <b>.0754550</b> |
| #2 | <b>-.000346</b> | <b>-.000165</b> | <b>6.716460</b> | <b>.0073428</b> | <b>.0000902</b> | <b>.0054503</b> | <b>.0413070</b> |
| #3 | <b>-.000303</b> | <b>-.000148</b> | <b>6.707426</b> | <b>.0069306</b> | <b>.0008068</b> | <b>.0018991</b> | <b>.0653775</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0212028</b> | <b>2.364623</b> | <b>.0017338</b> | <b>-.000671</b> | <b>22.47743</b> | <b>-.002450</b> | <b>.0184900</b> |
| Stddev | .0006620        | .024753         | .0002335        | .000329         | .13347          | .003003         | .0006885        |
| %RSD   | 3.122259        | 1.046787        | 13.46465        | 49.12417        | .5938012        | 122.5637        | 3.723754        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0204733</b> | <b>2.393121</b> | <b>.0015461</b> | <b>-.000317</b> | <b>22.32823</b> | <b>-.005471</b> | <b>.0192469</b> |
| #2 | <b>.0217653</b> | <b>2.348476</b> | <b>.0016601</b> | <b>-.000969</b> | <b>22.58550</b> | <b>-.002416</b> | <b>.0183221</b> |
| #3 | <b>.0213699</b> | <b>2.352273</b> | <b>.0019952</b> | <b>-.000726</b> | <b>22.51855</b> | <b>.000536</b>  | <b>.0179009</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.313857</b> | <b>.0003055</b> | <b>.0471321</b> | <b>-.000090</b> | <b>5.489686</b> | <b>6.664024</b> | <b>-.002759</b> |
| Stddev | .117129         | .0025322        | .0009837        | .000128         | .001360         | .036770         | .000470         |
| %RSD   | 8.914919        | 828.9174        | 2.087111        | 142.3545        | .0247695        | .5517760        | 17.03744        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1.219660</b> | <b>-.000053</b> | <b>.0460040</b> | <b>.000056</b>  | <b>5.490442</b> | <b>6.690369</b> | <b>-.003286</b> |
| #2 | <b>1.276904</b> | <b>-.002028</b> | <b>.0478107</b> | <b>-.000142</b> | <b>5.488116</b> | <b>6.679687</b> | <b>-.002384</b> |
| #3 | <b>1.445006</b> | <b>.002998</b>  | <b>.0475818</b> | <b>-.000183</b> | <b>5.490500</b> | <b>6.622015</b> | <b>-.002606</b> |

Sample Name: K1965-10      Acquired: 03/22/2019 21:40:26      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BPS1-TT-MW30      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0011954 | -.000321 | .0665857 |
| Stddev | .0019817 | .001230  | .0000336 |
| %RSD   | 165.7796 | 382.7482 | .0504679 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0008659 | -.001085 | .0666198 |
| #2 | .0033212 | .001098  | .0665526 |
| #3 | -.000601 | -.000977 | .0665846 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2202.757 | 2615.698 | 50545.27 | 5020.175 | 4102.126 |
| Stddev    | 6.029    | .833     | 199.33   | 22.618   | 6.730    |
| %RSD      | .2737046 | .0318457 | .3943538 | .4505379 | .1640697 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2196.207 | 2616.193 | 50742.88 | 5018.350 | 4107.108 |
| #2 | 2203.989 | 2614.736 | 50344.27 | 4998.525 | 4094.469 |
| #3 | 2208.075 | 2616.165 | 50548.65 | 5043.650 | 4104.801 |

Sample Name: K1965-11      Acquired: 03/22/2019 21:44:17      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BPS1-TT-MW30      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000944</b> | <b>-.000466</b> | <b>.0033458</b> | <b>.0029293</b> | <b>.0025047</b> | <b>.0490623</b> | <b>.1103603</b> |
| Stddev | .002289         | .000824         | .0018453        | .0026611        | .0004031        | .0117984        | .0007879        |
| %RSD   | 242.5339        | 176.7196        | 55.15248        | 90.84619        | 16.09170        | 24.04770        | .7139476        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000113  | -.001263 | .0042458 | .0004911 | .0029414 | .0495884 | .1112632 |
| #2 | .000626  | -.000519 | .0012232 | .0057679 | .0021470 | .0370097 | .1098117 |
| #3 | -.003570 | .000383  | .0045682 | .0025288 | .0024257 | .0605888 | .1100060 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000274</b> | <b>-.000149</b> | <b>45.38885</b> | <b>.0013163</b> | <b>-.001106</b> | <b>.0063291</b> | <b>.0649772</b> |
| Stddev | .000040         | .000051         | .34077          | .0002889        | .000424         | .0027477        | .0198443        |
| %RSD   | 14.53071        | 34.35277        | .7507711        | 21.94837        | 38.37467        | 43.41343        | 30.54035        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000231 | -.000115 | 45.63894 | .0010818 | -.001087 | .0053437 | .0777469 |
| #2 | -.000310 | -.000207 | 45.00072 | .0012281 | -.001540 | .0042100 | .0421152 |
| #3 | -.000280 | -.000123 | 45.52688 | .0016390 | -.000691 | .0094336 | .0750696 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0360618</b> | <b>16.20330</b> | <b>.0028990</b> | <b>-.000476</b> | <b>52.80638</b> | <b>-.004792</b> | <b>.0190491</b> |
| Stddev | .0006413        | .16796          | .0007051        | .000608         | .23691          | .011349         | .0004516        |
| %RSD   | 1.778485        | 1.036585        | 24.32346        | 127.6462        | .4486376        | 236.8141        | 2.370454        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0355077 | 16.25082 | .0032048 | .000124  | 53.07041 | -.017066 | .0185344 |
| #2 | .0367644 | 16.01670 | .0033997 | -.001092 | 52.61239 | .005321  | .0192344 |
| #3 | .0359134 | 16.34238 | .0020926 | -.000462 | 52.73633 | -.002632 | .0193785 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.499693</b> | <b>.0025688</b> | <b>.0747619</b> | <b>.0000414</b> | <b>18.60017</b> | <b>9.364652</b> | <b>-.003409</b> |
| Stddev | .096034         | .0022817        | .0009845        | .0000804        | .03902          | .076508         | .000924         |
| %RSD   | 3.841832        | 88.82180        | 1.316780        | 194.0832        | .2097946        | .8169905        | 27.09286        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.553107 | -.000061 | .0748203 | .0000357 | 18.57279 | 9.448699 | -.002352 |
| #2 | 2.557144 | .003739  | .0757158 | -.000036 | 18.58286 | 9.346197 | -.004062 |
| #3 | 2.388827 | .004028  | .0737495 | .000125  | 18.64485 | 9.299059 | -.003812 |

Sample Name: K1965-11      Acquired: 03/22/2019 21:44:17      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BPS1-TT-MW30      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0021262 | .0028253 | .4583445 |
| Stddev | .0026181 | .0017451 | .0003135 |
| %RSD   | 123.1351 | 61.76563 | .0684014 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0026153 | .0011373 | .4583297 |
| #2 | -.000702 | .0027164 | .4580386 |
| #3 | .004465  | .0046224 | .4586651 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2172.249 | 2576.443 | 50275.70 | 5011.798 | 3994.951 |
| Stddev    | 14.435   | 5.733    | 296.36   | 27.931   | 10.338   |
| %RSD      | .6645003 | .2225148 | .5894698 | .5573042 | .2587759 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2188.909 | 2581.058 | 50608.24 | 4981.011 | 4003.847 |
| #2 | 2163.469 | 2578.246 | 50179.36 | 5018.868 | 3997.396 |
| #3 | 2164.370 | 2570.025 | 50039.50 | 5035.515 | 3983.609 |

Sample Name: K1965-12      Acquired: 03/22/2019 21:48:07      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BPS1-TT-MW30      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.003816</b> | <b>-.002417</b> | <b>.0028464</b> | <b>.0002474</b> | <b>.0027752</b> | <b>.0706860</b> | <b>.1016690</b> |
| Stddev | .003068         | .001252         | .0017947        | .0023531        | .0018093        | .0079167        | .0014822        |
| %RSD   | 80.40505        | 51.79989        | 63.05222        | 951.2525        | 65.19490        | 11.19981        | 1.457898        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.004123</b> | <b>-.001668</b> | <b>.0047539</b> | <b>-.001996</b> | <b>.0021912</b> | <b>.0794554</b> | <b>.1001091</b> |
| #2 | <b>-.000606</b> | <b>-.003863</b> | <b>.0025941</b> | <b>.000041</b>  | <b>.0013300</b> | <b>.0640657</b> | <b>.1030589</b> |
| #3 | <b>-.006718</b> | <b>-.001721</b> | <b>.0011912</b> | <b>.002697</b>  | <b>.0048043</b> | <b>.0685369</b> | <b>.1018391</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000145</b> | <b>-.000061</b> | <b>28.16893</b> | <b>.0468178</b> | <b>.0003602</b> | <b>.0050122</b> | <b>.1711381</b> |
| Stddev | .000028         | .000039         | .23967          | .0008764        | .0001457        | .0027384        | .0361316        |
| %RSD   | 19.38239        | 64.23352        | .8508266        | 1.871891        | 40.44224        | 54.63424        | 21.11253        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000174</b> | <b>-.000029</b> | <b>28.28149</b> | <b>.0475738</b> | <b>.0001921</b> | <b>.0079858</b> | <b>.1345644</b> |
| #2 | <b>-.000118</b> | <b>-.000050</b> | <b>28.33161</b> | <b>.0458572</b> | <b>.0004484</b> | <b>.0025943</b> | <b>.1720392</b> |
| #3 | <b>-.000142</b> | <b>-.000104</b> | <b>27.89370</b> | <b>.0470224</b> | <b>.0004401</b> | <b>.0044565</b> | <b>.2068107</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0497682</b> | <b>10.34172</b> | <b>.0036898</b> | <b>-.000047</b> | <b>66.75190</b> | <b>.0001049</b> | <b>.0237004</b> |
| Stddev | .0014100        | .09938          | .0003620        | .000088         | .52999          | .0053744        | .0004910        |
| %RSD   | 2.833191        | .9609983        | 9.811893        | 187.7307        | .7939707        | 5123.646        | 2.071569        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0485803</b> | <b>10.31453</b> | <b>.0038585</b> | <b>-.000131</b> | <b>66.94379</b> | <b>-.004333</b> | <b>.0240758</b> |
| #2 | <b>.0493979</b> | <b>10.45187</b> | <b>.0039367</b> | <b>.000045</b>  | <b>67.15922</b> | <b>.006081</b>  | <b>.0231448</b> |
| #3 | <b>.0513265</b> | <b>10.25876</b> | <b>.0032742</b> | <b>-.000054</b> | <b>66.15269</b> | <b>-.001433</b> | <b>.0238805</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.725924</b> | <b>.0050511</b> | <b>.0714530</b> | <b>-.000316</b> | <b>7.124051</b> | <b>7.947425</b> | <b>-.002814</b> |
| Stddev | .082569         | .0035323        | .0011829        | .000139         | .012586         | .065416         | .000562         |
| %RSD   | 1.747141        | 69.93109        | 1.655524        | 43.98570        | .1766727        | .8231119        | 19.96817        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>4.732159</b> | <b>.0061369</b> | <b>.0727532</b> | <b>-.000464</b> | <b>7.130407</b> | <b>8.012178</b> | <b>-.003420</b> |
| #2 | <b>4.640414</b> | <b>.0011033</b> | <b>.0704403</b> | <b>-.000188</b> | <b>7.109554</b> | <b>7.948734</b> | <b>-.002310</b> |
| #3 | <b>4.805198</b> | <b>.0079129</b> | <b>.0711656</b> | <b>-.000296</b> | <b>7.132192</b> | <b>7.881365</b> | <b>-.002712</b> |

Sample Name: K1965-12      Acquired: 03/22/2019 21:48:07      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BPS1-TT-MW30      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0046334</b> | <b>.0015973</b> | <b>.2775722</b> |
| Stddev | .0008425        | .0010432        | .0003964        |
| %RSD   | 18.18229        | 65.31279        | .1428215        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0056007</b> | <b>.0014819</b> | <b>.2779758</b> |
| #2 | <b>.0040604</b> | <b>.0006166</b> | <b>.2771833</b> |
| #3 | <b>.0042391</b> | <b>.0026935</b> | <b>.2775574</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2162.015</b> | <b>2570.508</b> | <b>50101.80</b> | <b>4956.692</b> | <b>3994.644</b> |
| Stddev    | 5.856           | 5.355           | 55.92           | 26.939          | 8.190           |
| %RSD      | .2708467        | .2083094        | .1116215        | .5434933        | .2050341        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2157.031 | 2565.084 | 50061.61 | 4929.575 | 3990.907 |
| #2 | 2168.464 | 2575.790 | 50078.12 | 4957.050 | 4004.036 |
| #3 | 2160.550 | 2570.652 | 50165.67 | 4983.450 | 3988.989 |

Sample Name: K1985-02      Acquired: 03/22/2019 21:51:58      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BP-EB03-2019 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.003553</b> | <b>-.003378</b> | <b>-.001058</b> | <b>.0010194</b> | <b>.0012641</b> | <b>.0115703</b> | <b>.0037359</b> |
| Stddev | .001600         | .003025         | .001891         | .0012217        | .0015269        | .0080663        | .0007179        |
| %RSD   | 45.03897        | 89.56294        | 178.7169        | 119.8510        | 120.7903        | 69.71557        | 19.21747        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.004294</b> | <b>-.000606</b> | <b>-.003210</b> | <b>-.000325</b> | <b>.0011666</b> | <b>.0041328</b> | <b>.0029193</b> |
| #2 | <b>-.001717</b> | <b>-.006605</b> | <b>-.000306</b> | <b>.002061</b>  | <b>.0028373</b> | <b>.0201448</b> | <b>.0040201</b> |
| #3 | <b>-.004648</b> | <b>-.002922</b> | <b>.000341</b>  | <b>.001322</b>  | <b>-.000212</b> | <b>.0104334</b> | <b>.0042682</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000307</b> | <b>-.000153</b> | <b>.0796749</b> | <b>.0025953</b> | <b>-.000311</b> | <b>.0037434</b> | <b>.0302661</b> |
| Stddev | .000041         | .000040         | .0376318        | .0004418        | .000345         | .0021883        | .0357545        |
| %RSD   | 13.44692        | 25.98708        | 47.23176        | 17.02360        | 111.0270        | 58.45595        | 118.1337        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000326</b> | <b>-.000197</b> | <b>.1024543</b> | <b>.0020911</b> | <b>-.000062</b> | <b>.0037773</b> | <b>.0713750</b> |
| #2 | <b>-.000335</b> | <b>-.000120</b> | <b>.0362386</b> | <b>.0029149</b> | <b>-.000704</b> | <b>.0059146</b> | <b>.0130165</b> |
| #3 | <b>-.000260</b> | <b>-.000141</b> | <b>.1003317</b> | <b>.0027799</b> | <b>-.000166</b> | <b>.0015384</b> | <b>.0064068</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0016363</b> | <b>-.023203</b> | <b>.0005721</b> | <b>-.000543</b> | <b>.1931507</b> | <b>-.006523</b> | <b>.0112196</b> |
| Stddev | .0022267        | .008575         | .0004599        | .000206         | .0889778        | .005302         | .0002227        |
| %RSD   | 136.0754        | 36.95449        | 80.38820        | 37.85657        | 46.06649        | 81.28353        | 1.984842        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000763</b> | <b>-.031928</b> | <b>.0007802</b> | <b>-.000512</b> | <b>.2881251</b> | <b>-.002925</b> | <b>.0112116</b> |
| #2 | <b>.003636</b>  | <b>-.014786</b> | <b>.0008912</b> | <b>-.000355</b> | <b>.1117232</b> | <b>-.004031</b> | <b>.0110010</b> |
| #3 | <b>.002036</b>  | <b>-.022896</b> | <b>.0000449</b> | <b>-.000762</b> | <b>.1796039</b> | <b>-.012611</b> | <b>.0114461</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.501908</b> | <b>.0001931</b> | <b>-.001887</b> | <b>-.000195</b> | <b>.0057421</b> | <b>.0577385</b> | <b>.0004358</b> |
| Stddev | .056561         | .0011793        | .000897         | .000084         | .0041229        | .0020843        | .0002001        |
| %RSD   | 11.26914        | 610.6135        | 47.53215        | 43.05936        | 71.80100        | 3.609958        | 45.91938        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.564685</b> | <b>.0015440</b> | <b>-.000874</b> | <b>-.000098</b> | <b>.0049723</b> | <b>.0599968</b> | <b>.0004581</b> |
| #2 | <b>-.486122</b> | <b>-.000334</b> | <b>-.002204</b> | <b>-.000250</b> | <b>.0020584</b> | <b>.0573301</b> | <b>.0002255</b> |
| #3 | <b>-.454918</b> | <b>-.000630</b> | <b>-.002582</b> | <b>-.000238</b> | <b>.0101956</b> | <b>.0558885</b> | <b>.0006238</b> |

Sample Name: K1985-02      Acquired: 03/22/2019 21:51:58      Type: Unk  
 Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1: BP-EB03-2019 Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0023453</b> | <b>-.002993</b> | <b>.0002490</b> |
| Stddev | .0028917        | .000638         | .0001446        |
| %RSD   | 123.3002        | 21.30746        | 58.07549        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0009148</b> | <b>-.003729</b> | <b>.0000996</b> |
| #2 | <b>.0004476</b> | <b>-.002640</b> | <b>.0003883</b> |
| #3 | <b>.0056735</b> | <b>-.002609</b> | <b>.0002591</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2180.262</b> | <b>2598.684</b> | <b>49847.50</b> | <b>4913.767</b> | <b>4022.454</b> |
| Stddev    | 19.305          | 5.119           | 251.79          | 43.804          | 11.017          |
| %RSD      | .8854407        | .1970015        | .5051201        | .8914546        | .2738771        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2160.472 | 2592.773 | 49561.20 | 4879.350 | 4010.055 |
| #2 | 2199.042 | 2601.610 | 50034.49 | 4898.875 | 4031.117 |
| #3 | 2181.274 | 2601.671 | 49946.82 | 4963.075 | 4026.189 |

Sample Name: K1985-04      Acquired: 03/22/2019 21:55:52      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BPS1-TT-MW30      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.003671</b> | <b>-.003319</b> | <b>.0016339</b> | <b>.0026849</b> | <b>.0027584</b> | <b>.1186335</b> | <b>.0507046</b> |
| Stddev | .003798         | .000353         | .0001491        | .0013744        | .0004336        | .0040147        | .0008023        |
| %RSD   | 103.4504        | 10.64468        | 9.127868        | 51.19088        | 15.71981        | 3.384140        | 1.582361        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002662</b> | <b>-.002916</b> | <b>.0014619</b> | <b>.0031390</b> | <b>.0024568</b> | <b>.1182911</b> | <b>.0498345</b> |
| #2 | <b>-.007871</b> | <b>-.003572</b> | <b>.0017276</b> | <b>.0011409</b> | <b>.0032553</b> | <b>.1148010</b> | <b>.0508643</b> |
| #3 | <b>-.000480</b> | <b>-.003470</b> | <b>.0017121</b> | <b>.0037747</b> | <b>.0025630</b> | <b>.1228085</b> | <b>.0514151</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000278</b> | <b>-.000153</b> | <b>23.93759</b> | <b>.0571558</b> | <b>-.000867</b> | <b>.0054354</b> | <b>.2874450</b> |
| Stddev | .000034         | .000052         | .11589          | .0003013        | .000129         | .0031317        | .0220550        |
| %RSD   | 12.36165        | 34.14707        | .4841377        | .5272054        | 14.87176        | 57.61631        | 7.672763        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000290</b> | <b>-.000151</b> | <b>23.80831</b> | <b>.0570093</b> | <b>-.000957</b> | <b>.0048493</b> | <b>.3078451</b> |
| #2 | <b>-.000240</b> | <b>-.000102</b> | <b>23.97228</b> | <b>.0575024</b> | <b>-.000720</b> | <b>.0088187</b> | <b>.2640427</b> |
| #3 | <b>-.000306</b> | <b>-.000206</b> | <b>24.03217</b> | <b>.0569557</b> | <b>-.000925</b> | <b>.0026381</b> | <b>.2904472</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0039608</b> | <b>7.512830</b> | <b>.0142414</b> | <b>-.000592</b> | <b>124.8442</b> | <b>.0004706</b> | <b>.0209875</b> |
| Stddev | .0009887        | .030885         | .0003764        | .000094         | .7803           | .0029028        | .0002608        |
| %RSD   | 24.96261        | .4110986        | 2.643141        | 15.93831        | .6250308        | 616.7670        | 1.242807        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0029354</b> | <b>7.503398</b> | <b>.0146712</b> | <b>-.000502</b> | <b>123.9470</b> | <b>-.002533</b> | <b>.0209804</b> |
| #2 | <b>.0040390</b> | <b>7.547332</b> | <b>.0140821</b> | <b>-.000584</b> | <b>125.2215</b> | <b>.003261</b>  | <b>.0212518</b> |
| #3 | <b>.0049082</b> | <b>7.487761</b> | <b>.0139708</b> | <b>-.000691</b> | <b>125.3642</b> | <b>.000684</b>  | <b>.0207303</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>3.125039</b> | <b>.0021624</b> | <b>.0479179</b> | <b>-.000311</b> | <b>8.783527</b> | <b>3.950044</b> | <b>-.003556</b> |
| Stddev | .080375         | .0020115        | .0007073        | .000316         | .020431         | .040727         | .000420         |
| %RSD   | 2.571967        | 93.02194        | 1.476118        | 101.5751        | .2326056        | 1.031063        | 11.82205        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3.103557</b> | <b>.0044593</b> | <b>.0484478</b> | <b>-.000307</b> | <b>8.803943</b> | <b>3.910975</b> | <b>-.003848</b> |
| #2 | <b>3.213973</b> | <b>.0007153</b> | <b>.0471147</b> | <b>-.000630</b> | <b>8.783556</b> | <b>3.946908</b> | <b>-.003074</b> |
| #3 | <b>3.057588</b> | <b>.0013125</b> | <b>.0481913</b> | <b>.000003</b>  | <b>8.763081</b> | <b>3.992249</b> | <b>-.003747</b> |

Sample Name: K1985-04      Acquired: 03/22/2019 21:55:52      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BPS1-TT-MW30      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0040076</b> | <b>.0018169</b> | <b>.1299622</b> |
| Stddev | .0019990        | .0022872        | .0012033        |
| %RSD   | 49.87946        | 125.8828        | .9258677        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0018929</b> | <b>-.000727</b> | <b>.1285754</b> |
| #2 | <b>.0058661</b> | <b>.002476</b>  | <b>.1305819</b> |
| #3 | <b>.0042639</b> | <b>.003702</b>  | <b>.1307293</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2129.014</b> | <b>2536.444</b> | <b>49495.92</b> | <b>4924.167</b> | <b>3930.006</b> |
| Stddev    | 24.006          | 9.661           | 385.59          | 32.854          | 17.806          |
| %RSD      | 1.127572        | .3809044        | .7790247        | .6671924        | .4530891        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2122.232</b> | <b>2525.559</b> | <b>49455.99</b> | <b>4962.100</b> | <b>3911.054</b> |
| #2 | <b>2109.129</b> | <b>2539.770</b> | <b>49131.85</b> | <b>4905.600</b> | <b>3932.575</b> |
| #3 | <b>2155.682</b> | <b>2544.003</b> | <b>49899.92</b> | <b>4904.800</b> | <b>3946.388</b> |

Sample Name: CCV07      Acquired: 03/22/2019 21:59:42      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CRI      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.058852 | 4.977086 | 5.271681 | 4.859831 | 5.041424 | 10.66692 |
| Stddev | .022358  | .003247  | .002246  | .018358  | .005806  | .03984   |
| %RSD   | .4419676 | .0652389 | .0426046 | .3777416 | .1151655 | .3734632 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.084611 | 4.975427 | 5.271554 | 4.861714 | 5.048083 | 10.63500 |
| #2 | 5.044464 | 4.980827 | 5.273987 | 4.840604 | 5.038766 | 10.71156 |
| #3 | 5.047482 | 4.975004 | 5.269501 | 4.877174 | 5.037422 | 10.65418 |

|        |          |            |          |            |            |          |
|--------|----------|------------|----------|------------|------------|----------|
| Elem   | Ba4934   | Be2348     | Cd2144   | Ca3736     | Cr2677     | Co2286   |
| Units  | ppm      | ppm        | ppm      | ppm        | ppm        | ppm      |
| Avg    | 10.02239 | F 2.817210 | 2.564347 | F 28.86699 | F 1.109384 | 2.603838 |
| Stddev | .02303   | .0020403   | .001299  | .28106     | .000817    | .000232  |
| %RSD   | .2298064 | .7242125   | .0506442 | .9736361   | .0736058   | .0089126 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.99579  | .2793819 | 2.563766 | 28.62675 | 1.110326 | 2.604106 |
| #2 | 10.03572 | .2826475 | 2.563441 | 29.17608 | 1.108936 | 2.603720 |
| #3 | 10.03565 | .2831336 | 2.565835 | 28.79814 | 1.108889 | 2.603689 |

|        |          |            |            |            |          |            |
|--------|----------|------------|------------|------------|----------|------------|
| Elem   | Cu3247   | Fe2598     | Mn2576     | Mg2790     | Ni2316   | Ag3280     |
| Units  | ppm      | ppm        | ppm        | ppm        | ppm      | ppm        |
| Avg    | 1.352069 | F 5.601668 | F 2.908921 | F 28.69258 | 2.506713 | F 1.445126 |
| Stddev | .005938  | .066508    | .032741    | .44340     | .004446  | .016940    |
| %RSD   | .4391857 | 1.187288   | 1.125532   | 1.545338   | .1773504 | 1.172221   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.358654 | 5.528175 | 2.886485 | 28.51869 | 2.507494 | 1.460432 |
| #2 | 1.347122 | 5.657713 | 2.946492 | 29.19657 | 2.501929 | 1.448021 |
| #3 | 1.350431 | 5.619115 | 2.893788 | 28.36248 | 2.510716 | 1.426925 |

|        |          |          |            |          |          |            |
|--------|----------|----------|------------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138     | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm        |
| Avg    | 27.18968 | 2.722281 | F 2.766432 | 26.85579 | 4.998484 | F 5.980786 |
| Stddev | .25874   | .021103  | .017148    | .06183   | .011705  | .028283    |
| %RSD   | .9515951 | .7751772 | .6198520   | .2302303 | .2341732 | .4728978   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 27.39605 | 2.709580 | 2.748221 | 26.78560 | 5.007219 | 5.952396 |
| #2 | 27.27358 | 2.746641 | 2.768808 | 26.90220 | 4.985184 | 6.008961 |
| #3 | 26.89940 | 2.710623 | 2.782268 | 26.87957 | 5.003048 | 5.981000 |

Sample Name: CCV07      Acquired: 03/22/2019 21:59:42      Type: Unk  
 Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1: CRI      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |            |          |            |          |
|--------|----------|----------|------------|----------|------------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361     | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      |
| Avg    | 5.147207 | 4.702167 | F 5.729906 | 4.805314 | F 5.537701 | 5.203302 |
| Stddev | .008202  | .011811  | .043835    | .005133  | .033705    | .016045  |
| %RSD   | .1593450 | .2511863 | .7650224   | .1068251 | .6086479   | .3083703 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.155378 | 4.707615 | 5.679553 | 4.804671 | 5.516073 | 5.185631 |
| #2 | 5.138975 | 4.688615 | 5.759550 | 4.800533 | 5.576536 | 5.216961 |
| #3 | 5.147268 | 4.710271 | 5.750616 | 4.810739 | 5.520493 | 5.207314 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 5.357344 |
| Stddev | .008515  |
| %RSD   | .1589392 |

|    |          |
|----|----------|
| #1 | 5.360495 |
| #2 | 5.363834 |
| #3 | 5.347703 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2208.821 | 2595.897 | 50286.32 | 4913.279 | 3947.295 |
| Stddev    | 7.647    | 5.180    | 371.70   | 35.912   | 4.452    |
| %RSD      | .3461936 | .1995444 | .7391664 | .7309263 | .1127741 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2216.595 | 2589.917 | 49980.94 | 4953.525 | 3942.182 |
| #2 | 2201.308 | 2598.778 | 50177.81 | 4884.502 | 3950.308 |
| #3 | 2208.558 | 2598.996 | 50700.20 | 4901.809 | 3949.394 |

Sample Name: CCB07      Acquired: 03/22/2019 22:03:15      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: ICSA8060      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000372</b> | <b>.0007413</b> | <b>.0003723</b> | <b>-.000623</b> | <b>.0024861</b> | <b>-.002601</b> | <b>.0042164</b> |
| Stddev | .000519         | .0019684        | .0010746        | .002307         | .0002198        | .006175         | .0008774        |
| %RSD   | 139.4892        | 265.5437        | 288.6799        | 370.1878        | 8.841983        | 237.4332        | 20.80833        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000081  | .0003446 | -.000336 | -.003059 | .0026944 | -.009692 | .0036440 |
| #2 | -.000939 | -.000999 | -.000156 | -.000340 | .0022563 | .000299  | .0037787 |
| #3 | -.000260 | .002878  | .001609  | .001529  | .0025078 | .001590  | .0052265 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000177</b> | <b>-.000062</b> | <b>.0057081</b> | <b>-.000672</b> | <b>-.000057</b> | <b>.0002439</b> | <b>.0077304</b> |
| Stddev | .0000365        | .000058         | .0293346        | .000746         | .000347         | .0017643        | .0347987        |
| %RSD   | 205.5287        | 93.70226        | 513.9071        | 111.1391        | 609.4647        | 723.2338        | 450.1544        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000347 | -.000113 | .0029955 | .000079  | -.000209 | .0005246 | -.032395 |
| #2 | .0000426 | -.000073 | -.022176 | -.000680 | -.000302 | .0018511 | .029648  |
| #3 | -.000024 | .000001  | .036305  | -.001413 | .000340  | -.001644 | .025937  |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000030</b> | <b>.0695746</b> | <b>.0002230</b> | <b>-.000687</b> | <b>-.509403</b> | <b>-.003985</b> | <b>.0001991</b> |
| Stddev | .002104         | .0491322        | .0003170        | .000050         | .213169         | .006706         | .0003425        |
| %RSD   | 7120.260        | 70.61809        | 142.1392        | 7.240289        | 41.84677        | 168.2705        | 171.9881        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .001931  | .1242292 | .0004708 | -.000718 | -.282958 | -.010776 | .0001076 |
| #2 | -.002253 | .0554241 | .0003325 | -.000630 | -.706189 | .002632  | .0005781 |
| #3 | .000233  | .0290704 | -.000134 | -.000714 | -.539062 | -.003812 | -.000088 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.251989</b> | <b>-.000715</b> | <b>.0059076</b> | <b>-.000250</b> | <b>-.004353</b> | <b>.0051618</b> | <b>-.000464</b> |
| Stddev | .146422         | .002821         | .0008184        | .000345         | .003020         | .0003160        | .001532         |
| %RSD   | 58.10647        | 394.3375        | 13.85268        | 137.8011        | 69.37919        | 6.120976        | 330.3302        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.405633 | -.003943 | .0065204 | .000098  | -.000956 | .0048702 | .000976  |
| #2 | -.236277 | .000520  | .0062241 | -.000258 | -.005366 | .0051177 | -.000294 |
| #3 | -.114057 | .001277  | .0049782 | -.000591 | -.006735 | .0054975 | -.002074 |

Sample Name: CCB07      Acquired: 03/22/2019 22:03:15      Type: Unk  
 Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1: ICSA8060      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0031266 | .0028486 | .0001531 |
| Stddev | .0016523 | .0008962 | .0000853 |
| %RSD   | 52.84740 | 31.45944 | 55.69432 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0039050 | .0018543 | .0000952 |
| #2 | .0042460 | .0030978 | .0001131 |
| #3 | .0012289 | .0035939 | .0002511 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2207.104 | 2633.491 | 50060.73 | 4935.858 | 4066.824 |
| Stddev    | 11.732   | 7.678    | 162.65   | 27.025   | 11.328   |
| %RSD      | .5315354 | .2915635 | .3248982 | .5475148 | .2785481 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2195.179 | 2625.245 | 49884.40 | 4946.150 | 4054.087 |
| #2 | 2207.501 | 2640.435 | 50092.91 | 4956.225 | 4075.771 |
| #3 | 2218.632 | 2634.794 | 50204.88 | 4905.200 | 4070.613 |

Sample Name: K1987-07      Acquired: 03/22/2019 22:07:09      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: 20190085-FIE Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.002104</b> | <b>-.001678</b> | <b>-.000254</b> | <b>.0026201</b> | <b>.0019040</b> | <b>.0117279</b> | <b>.0045448</b> |
| Stddev | .003016         | .002363         | .000533         | .0023048        | .0012466        | .0123841        | .0005658        |
| %RSD   | 143.3611        | 140.8411        | 209.5870        | 87.96740        | 65.47220        | 105.5955        | 12.45000        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.005189</b> | <b>-.001338</b> | <b>.000028</b>  | <b>.0036060</b> | <b>.0032905</b> | <b>.0008131</b> | <b>.0050596</b> |
| #2 | <b>.000838</b>  | <b>.000497</b>  | <b>.000078</b>  | <b>.0042680</b> | <b>.0008757</b> | <b>.0251863</b> | <b>.0039390</b> |
| #3 | <b>-.001961</b> | <b>-.004193</b> | <b>-.000869</b> | <b>-.000014</b> | <b>.0015458</b> | <b>.0091842</b> | <b>.0046357</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000284</b> | <b>-.000134</b> | <b>.0150353</b> | <b>.0015941</b> | <b>-.000251</b> | <b>.0006301</b> | <b>.0341897</b> |
| Stddev | .000093         | .000017         | .0035451        | .0003979        | .000186         | .0025448        | .0099913        |
| %RSD   | 32.69235        | 12.72013        | 23.57874        | 24.96379        | 74.38376        | 403.8930        | 29.22322        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000185</b> | <b>-.000124</b> | <b>.0119846</b> | <b>.0011499</b> | <b>-.000036</b> | <b>.0026204</b> | <b>.0438537</b> |
| #2 | <b>-.000298</b> | <b>-.000124</b> | <b>.0189245</b> | <b>.0017144</b> | <b>-.000343</b> | <b>-.002237</b> | <b>.0348150</b> |
| #3 | <b>-.000369</b> | <b>-.000154</b> | <b>.0141967</b> | <b>.0019180</b> | <b>-.000372</b> | <b>.001507</b>  | <b>.0239004</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0003786</b> | <b>-.031597</b> | <b>.0012528</b> | <b>-.000810</b> | <b>-.445986</b> | <b>-.003244</b> | <b>.0248026</b> |
| Stddev | .0014517        | .049372         | .0000544        | .000380         | .170107         | .005024         | .0002667        |
| %RSD   | 383.4524        | 156.2564        | 4.344128        | 46.97909        | 38.14187        | 154.8857        | 1.075232        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0020370</b> | <b>-.012097</b> | <b>.0011937</b> | <b>-.001127</b> | <b>-.631436</b> | <b>-.008801</b> | <b>.0245128</b> |
| #2 | <b>-.000662</b> | <b>.005048</b>  | <b>.0013008</b> | <b>-.000388</b> | <b>-.409322</b> | <b>.000976</b>  | <b>.0250377</b> |
| #3 | <b>-.000239</b> | <b>-.087741</b> | <b>.0012639</b> | <b>-.000915</b> | <b>-.297200</b> | <b>-.001905</b> | <b>.0248573</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.508589</b> | <b>-.000325</b> | <b>.0001092</b> | <b>.0001119</b> | <b>-.000195</b> | <b>.0056872</b> | <b>-.002545</b> |
| Stddev | .064440         | .003369         | .0005647        | .0002159        | .004112         | .0004866        | .001248         |
| %RSD   | 12.67034        | 1035.714        | 516.9441        | 192.8624        | 2104.013        | 8.556513        | 49.02770        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.582590</b> | <b>.001621</b>  | <b>.0007599</b> | <b>-.000126</b> | <b>-.000152</b> | <b>.0059203</b> | <b>-.002308</b> |
| #2 | <b>-.478326</b> | <b>-.004215</b> | <b>-.000179</b> | <b>.000295</b>  | <b>.003894</b>  | <b>.0060134</b> | <b>-.003894</b> |
| #3 | <b>-.464851</b> | <b>.001619</b>  | <b>-.000253</b> | <b>.000167</b>  | <b>-.004328</b> | <b>.0051279</b> | <b>-.001433</b> |

Sample Name: K1987-07      Acquired: 03/22/2019 22:07:09      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: 20190085-FIE Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0030713</b> | <b>-.001265</b> | <b>.0000799</b> |
| Stddev | .0011863        | .000663         | .0001702        |
| %RSD   | 38.62504        | 52.43387        | 213.0574        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0029294</b> | <b>-.002030</b> | <b>.0001527</b> |
| #2 | <b>.0043222</b> | <b>-.000901</b> | <b>.0002015</b> |
| #3 | <b>.0019624</b> | <b>-.000863</b> | <b>-.000115</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2158.425</b> | <b>2590.299</b> | <b>49573.56</b> | <b>4915.017</b> | <b>4006.770</b> |
| Stddev    | 19.276          | 5.923           | 163.11          | 47.336          | 11.135          |
| %RSD      | .8930416        | .2286764        | .3290181        | .9630967        | .2779137        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2180.456 | 2584.330 | 49752.25 | 4861.275 | 3993.914 |
| #2 | 2150.154 | 2590.389 | 49432.68 | 4950.525 | 4012.965 |
| #3 | 2144.665 | 2596.176 | 49535.74 | 4933.250 | 4013.429 |

Sample Name: K1964-02      Acquired: 03/22/2019 22:11:02      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0063976 | .0034911 | .0061235 | -.002725 | -.000494 | .0601735 | .2115498 |
| Stddev | .0011181 | .0022126 | .0006795 | .001367  | .001735  | .0046820 | .0002294 |
| %RSD   | 17.47732 | 63.37787 | 11.09640 | 50.16828 | 350.7644 | 7.780761 | .1084590 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0051988 | .0059495 | .0069065 | -.001343 | .000872  | .0652080 | .2113617 |
| #2 | .0074122 | .0016596 | .0056877 | -.004077 | -.002446 | .0559500 | .2118054 |
| #3 | .0065817 | .0028642 | .0057764 | -.002755 | .000090  | .0593626 | .2114822 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000623 | -.000076 | 189.2512 | .0009781 | -.000551 | .0078869 | .2775843 |
| Stddev | .0000557 | .000091  | 1.1870   | .0003565 | .000060  | .0026674 | .0095989 |
| %RSD   | 89.39649 | 120.1001 | .6272104 | 36.44811 | 10.86633 | 33.82100 | 3.458017 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000217 | -.000153 | 189.0562 | .0009037 | -.000562 | .0105623 | .2673489 |
| #2 | .0001258 | .000025  | 190.5236 | .0013658 | -.000605 | .0078707 | .2863852 |
| #3 | .0000394 | -.000100 | 188.1738 | .0006646 | -.000487 | .0052276 | .2790189 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6723699 | 39.15590 | .0015019 | .0001195 | 148.7835 | -.000798 | .0494857 |
| Stddev | .0060106 | .34002   | .0000410 | .0001070 | 1.0038   | .006233  | .0002838 |
| %RSD   | .8939418 | .8683871 | 2.726908 | 89.53044 | .6746479 | 781.0014 | .5734817 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6685429 | 39.39381 | .0015136 | .0001985 | 147.9265 | -.000261 | .0494922 |
| #2 | .6792976 | 39.30744 | .0015358 | -.000002 | 149.8878 | -.007282 | .0497662 |
| #3 | .6692690 | 38.76645 | .0014564 | .000162  | 148.5360 | .005149  | .0491988 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.28950 | .0250124 | .2486783 | .0022726 | 6.338624 | 21.39119 | -.005994 |
| Stddev | .05565   | .0022878 | .0021493 | .0000232 | .019138  | .30096   | .000154  |
| %RSD   | .2290948 | 9.146612 | .8643025 | 1.022243 | .3019252 | 1.406927 | 2.567026 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.26073 | .0225247 | .2484206 | .0022917 | 6.335735 | 21.33961 | -.006140 |
| #2 | 24.35364 | .0254865 | .2509449 | .0022467 | 6.321096 | 21.71461 | -.006008 |
| #3 | 24.25412 | .0270260 | .2466695 | .0022794 | 6.359043 | 21.11936 | -.005833 |

Sample Name: K1964-02      Acquired: 03/22/2019 22:11:02      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.001972</b> | <b>.0746024</b> | <b>.7529662</b> |
| Stddev | .001607         | .0008084        | .0009614        |
| %RSD   | 81.46128        | 1.083545        | .1276867        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.000123</b> | <b>.0736700</b> | <b>.7531572</b> |
| #2 | <b>-.003020</b> | <b>.0751056</b> | <b>.7519236</b> |
| #3 | <b>-.002774</b> | <b>.0750316</b> | <b>.7538178</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2263.044</b> | <b>2646.236</b> | <b>51953.35</b> | <b>5033.501</b> | <b>3969.426</b> |
| Stddev    | 22.769          | 8.028           | 275.60          | 43.208          | 9.319           |
| %RSD      | 1.006136        | .3033563        | .5304819        | .8584070        | .2347755        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2266.906</b> | <b>2653.784</b> | <b>51877.47</b> | <b>5054.591</b> | <b>3978.080</b> |
| #2 | <b>2283.636</b> | <b>2647.123</b> | <b>52258.95</b> | <b>4983.798</b> | <b>3970.637</b> |
| #3 | <b>2238.591</b> | <b>2637.802</b> | <b>51723.64</b> | <b>5062.113</b> | <b>3959.560</b> |

Sample Name: K1964-02DUP      Acquired: 03/22/2019 22:14:54      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0039375 | .0023069 | .0043802 | -.002591 | .0007993 | .0518599 | .1978465 |
| Stddev | .0058430 | .0010677 | .0000162 | .002632  | .0008870 | .0166863 | .0008592 |
| %RSD   | 148.3959 | 46.28500 | .3692474 | 101.5885 | 110.9688 | 32.17562 | .4342595 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001296 | .0033128 | .0043616 | -.004033 | .0017296 | .0346209 | .1976531 |
| #2 | .002867  | .0011865 | .0043885 | -.004185 | .0007053 | .0679321 | .1971004 |
| #3 | .010242  | .0024214 | .0043906 | .000447  | -.000037 | .0530269 | .1987858 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000887 | -.000142 | 175.0703 | .0013555 | -.000595 | .0026573 | .2786943 |
| Stddev | .0000207 | .000058  | .8097    | .0003736 | .000170  | .0025792 | .0060534 |
| %RSD   | 23.32394 | 40.57364 | .4625208 | 27.55973 | 28.49300 | 97.06154 | 2.172065 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000692 | -.000098 | 174.4657 | .0010112 | -.000784 | .0052927 | .2856827 |
| #2 | .0000866 | -.000208 | 175.9903 | .0017526 | -.000456 | .0001383 | .2753280 |
| #3 | .0001104 | -.000121 | 174.7550 | .0013026 | -.000546 | .0025409 | .2750724 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6253018 | 36.26036 | .0015736 | .0000209 | 138.0439 | .0028843 | .0275002 |
| Stddev | .0038478 | .10428   | .0005289 | .0004865 | 1.0067   | .0026186 | .0002234 |
| %RSD   | .6153591 | .2875897 | 33.61088 | 2324.567 | .7292731 | 90.78777 | .8123475 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6250197 | 36.20238 | .0015947 | -.000525 | 137.4088 | .0006840 | .0277376 |
| #2 | .6216028 | 36.38074 | .0020917 | .000178  | 139.2047 | .0057805 | .0274688 |
| #3 | .6292830 | 36.19795 | .0010345 | .000410  | 137.5184 | .0021883 | .0272942 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 22.45851 | .0219541 | .2281200 | .0019575 | 5.951553 | 19.77873 | -.006695 |
| Stddev | .23218   | .0003047 | .0006467 | .0001097 | .008281  | .15248   | .001251  |
| %RSD   | 1.033805 | 1.387907 | .2834788 | 5.605392 | .1391428 | .7709499 | 18.68838 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 22.21171 | .0219655 | .2276475 | .0019289 | 5.952596 | 19.61659 | -.008033 |
| #2 | 22.67259 | .0216439 | .2288570 | .0018649 | 5.942800 | 19.91925 | -.006497 |
| #3 | 22.49123 | .0222530 | .2278555 | .0020787 | 5.959264 | 19.80035 | -.005555 |

Sample Name: K1964-02DUP      Acquired: 03/22/2019 22:14:54      Type: Unk  
 Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.002799</b> | <b>.0708650</b> | <b>.7041812</b> |
| Stddev | .001609         | .0012597        | .0025016        |
| %RSD   | 57.46193        | 1.777576        | .3552438        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.002435</b> | <b>.0718375</b> | <b>.7020650</b> |
| #2 | <b>-.004559</b> | <b>.0713155</b> | <b>.7035366</b> |
| #3 | <b>-.001404</b> | <b>.0694420</b> | <b>.7069420</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2267.009</b> | <b>2639.770</b> | <b>51682.86</b> | <b>5098.113</b> | <b>3975.717</b> |
| Stddev    | 8.707           | 5.314           | 226.71          | 26.717          | 1.956           |
| %RSD      | .3840780        | .2013134        | .4386495        | .5240523        | .0492053        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2256.957</b> | <b>2642.293</b> | <b>51864.95</b> | <b>5121.364</b> | <b>3976.037</b> |
| #2 | <b>2272.224</b> | <b>2643.353</b> | <b>51428.94</b> | <b>5068.928</b> | <b>3977.494</b> |
| #3 | <b>2271.844</b> | <b>2633.664</b> | <b>51754.69</b> | <b>5104.046</b> | <b>3973.621</b> |

Sample Name: K1964-02LX5      Acquired: 03/22/2019 22:18:45      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.002056</b> | <b>.0006980</b> | <b>.0004440</b> | <b>-.001143</b> | <b>.0018610</b> | <b>.0183729</b> | <b>.0441006</b> |
| Stddev | .001320         | .0013542        | .0015029        | .000805         | .0017234        | .0068021        | .0011262        |
| %RSD   | 64.22747        | 194.0068        | 338.5129        | 70.44986        | 92.60808        | 37.02245        | 2.553657        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.003444</b> | <b>-.000689</b> | <b>-.000428</b> | <b>-.000219</b> | <b>.0018045</b> | <b>.0169861</b> | <b>.0428256</b> |
| #2 | <b>-.001907</b> | <b>.002017</b>  | <b>-.000420</b> | <b>-.001698</b> | <b>.0001665</b> | <b>.0257615</b> | <b>.0445171</b> |
| #3 | <b>-.000816</b> | <b>.000766</b>  | <b>.002179</b>  | <b>-.001510</b> | <b>.0036119</b> | <b>.0123710</b> | <b>.0449593</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000820</b> | <b>-.000104</b> | <b>36.52810</b> | <b>.0003279</b> | <b>-.000957</b> | <b>-.000774</b> | <b>.0681052</b> |
| Stddev | .0000058        | .000043         | .15582          | .0004650        | .000272         | .003114         | .0168429        |
| %RSD   | 7.102124        | 41.25784        | .4265686        | 141.8377        | 28.38117        | 402.3282        | 24.73080        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0000877</b> | <b>-.000060</b> | <b>36.38790</b> | <b>.0007212</b> | <b>-.001268</b> | <b>-.003044</b> | <b>.0605291</b> |
| #2 | <b>.0000761</b> | <b>-.000106</b> | <b>36.69586</b> | <b>.0004479</b> | <b>-.000842</b> | <b>.002776</b>  | <b>.0874057</b> |
| #3 | <b>.0000822</b> | <b>-.000146</b> | <b>36.50054</b> | <b>-.000185</b> | <b>-.000763</b> | <b>-.002054</b> | <b>.0563807</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1291144</b> | <b>7.465014</b> | <b>-.000107</b> | <b>-.000016</b> | <b>28.59061</b> | <b>-.000745</b> | <b>.0075497</b> |
| Stddev | .0024382        | .010947         | .000723         | .000116         | .12261          | .009456         | .0003397        |
| %RSD   | 1.888421        | .1466471        | 673.1684        | 744.3300        | .4288561        | 1269.547        | 4.500184        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.1264300</b> | <b>7.452750</b> | <b>.000211</b>  | <b>.000039</b>  | <b>28.50866</b> | <b>.008485</b>  | <b>.0079420</b> |
| #2 | <b>.1297213</b> | <b>7.473798</b> | <b>-.000935</b> | <b>.000063</b>  | <b>28.73157</b> | <b>-.000306</b> | <b>.0073557</b> |
| #3 | <b>.1311918</b> | <b>7.468494</b> | <b>.000401</b>  | <b>-.000149</b> | <b>28.53160</b> | <b>-.010413</b> | <b>.0073514</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.439594</b> | <b>.0042048</b> | <b>.0432147</b> | <b>.0001928</b> | <b>1.178011</b> | <b>4.069158</b> | <b>-.002702</b> |
| Stddev | .127483         | .0027317        | .0006074        | .0004690        | .004448         | .035272         | .000737         |
| %RSD   | 2.871510        | 64.96659        | 1.405533        | 243.2769        | .3776274        | .8668120        | 27.26364        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>4.571602</b> | <b>.0014969</b> | <b>.0425164</b> | <b>.0007239</b> | <b>1.182994</b> | <b>4.039490</b> | <b>-.001935</b> |
| #2 | <b>4.430004</b> | <b>.0041576</b> | <b>.0436206</b> | <b>.0000191</b> | <b>1.176600</b> | <b>4.108157</b> | <b>-.003403</b> |
| #3 | <b>4.317177</b> | <b>.0069597</b> | <b>.0435070</b> | <b>-.000165</b> | <b>1.174439</b> | <b>4.059827</b> | <b>-.002767</b> |

Sample Name: K1964-02LX5      Acquired: 03/22/2019 22:18:45      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0001814</b> | <b>.0141105</b> | <b>.1493094</b> |
| Stddev | .0019520        | .0016602        | .0004236        |
| %RSD   | 1075.895        | 11.76594        | .2837169        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.001897</b> | <b>.0123143</b> | <b>.1491127</b> |
| #2 | <b>.001976</b>  | <b>.0144281</b> | <b>.1490198</b> |
| #3 | <b>.000466</b>  | <b>.0155889</b> | <b>.1497956</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2181.698</b> | <b>2601.617</b> | <b>50097.50</b> | <b>4970.608</b> | <b>4024.379</b> |
| Stddev    | 20.106          | 5.090           | 423.92          | 32.472          | 3.593           |
| %RSD      | .9215859        | .1956461        | .8461965        | .6532748        | .0892813        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2160.204</b> | <b>2596.680</b> | <b>49629.27</b> | <b>4984.675</b> | <b>4020.234</b> |
| #2 | <b>2200.045</b> | <b>2606.847</b> | <b>50455.24</b> | <b>4933.475</b> | <b>4026.601</b> |
| #3 | <b>2184.847</b> | <b>2601.325</b> | <b>50207.99</b> | <b>4993.675</b> | <b>4026.303</b> |

Sample Name: K1964-02MS      Acquired: 03/22/2019 22:22:36      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7241956</b> | <b>1.755003</b> | <b>.9350482</b> | <b>1.742589</b> | <b>.7180996</b> | <b>2.003593</b> | <b>.3730353</b> |
| Stddev | .0004719        | .001216         | .0009997        | .005314         | .0003759        | .006330         | .0001784        |
| %RSD   | .0651587        | .0692923        | .1069122        | .3049231        | .0523421        | .3159428        | .0478188        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7241915 | 1.756232 | .9357436 | 1.742499 | .7185281 | 1.998941 | .3731306 |
| #2 | .7246695 | 1.754977 | .9339026 | 1.737322 | .7178259 | 2.001036 | .3731459 |
| #3 | .7237258 | 1.753800 | .9354984 | 1.747948 | .7179446 | 2.010802 | .3728296 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2066166</b> | <b>.1807304</b> | <b>173.2883</b> | <b>.3945238</b> | <b>.1858646</b> | <b>.2959931</b> | <b>3.323032</b> |
| Stddev | .0027872        | .0001229        | .9346           | .0013970        | .0009549        | .0042280        | .013905         |
| %RSD   | 1.348992        | .0679955        | .5393237        | .3540939        | .5137648        | 1.428403        | .4184434        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2041868 | .1805899 | 172.4341 | .3931676 | .1869672 | .2946901 | 3.329635 |
| #2 | .2096593 | .1808181 | 174.2866 | .3944454 | .1853247 | .3007193 | 3.332405 |
| #3 | .2060037 | .1807830 | 173.1442 | .3959583 | .1853019 | .2925701 | 3.307055 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8229871</b> | <b>37.76828</b> | <b>.4468142</b> | <b>.0788902</b> | <b>139.2288</b> | <b>.3067651</b> | <b>.2481677</b> |
| Stddev | .0094484        | .25350          | .0020514        | .0004650        | .6921           | .0045102        | .0013486        |
| %RSD   | 1.148066        | .6711966        | .4591053        | .5893892        | .4970742        | 1.470231        | .5434204        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8226109 | 37.65569 | .4483590 | .0784679 | 138.4458 | .3119112 | .2486404 |
| #2 | .8326180 | 38.05858 | .4444867 | .0793884 | 139.7585 | .3034994 | .2466464 |
| #3 | .8137324 | 37.59059 | .4475968 | .0788141 | 139.4821 | .3048847 | .2492164 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>31.82764</b> | <b>5.469613</b> | <b>.5379088</b> | <b>.3599265</b> | <b>5.771456</b> | <b>20.30890</b> | <b>.5879695</b> |
| Stddev | .09684          | .014354         | .0084551        | .0023522        | .003089         | .22751          | .0008241        |
| %RSD   | .3042796        | .2624368        | 1.571855        | .6535256        | .0535208        | 1.120243        | .1401590        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 31.71599 | 5.480741 | .5296763 | .3586527 | 5.769331 | 20.09171 | .5876706 |
| #2 | 31.87794 | 5.453411 | .5465703 | .3584860 | 5.770037 | 20.54549 | .5889013 |
| #3 | 31.88898 | 5.474688 | .5374798 | .3626409 | 5.774999 | 20.28949 | .5873366 |

Sample Name: K1964-02MS      Acquired: 03/22/2019 22:22:36      Type: Unk  
 Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.1868858</b> | <b>.2579259</b> | <b>.8727527</b> |
| Stddev | .0020669        | .0016241        | .0010912        |
| %RSD   | 1.105952        | .6296710        | .1250253        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.1852600</b> | <b>.2581820</b> | <b>.8722429</b> |
| #2 | <b>.1892118</b> | <b>.2594067</b> | <b>.8740055</b> |
| #3 | <b>.1861856</b> | <b>.2561890</b> | <b>.8720098</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2255.520</b> | <b>2634.901</b> | <b>51867.26</b> | <b>5045.195</b> | <b>3960.085</b> |
| Stddev    | 11.085          | 4.873           | 400.18          | 34.480          | 7.599           |
| %RSD      | .4914749        | .1849525        | .7715513        | .6834143        | .1918963        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2250.449</b> | <b>2630.398</b> | <b>51880.26</b> | <b>5085.007</b> | <b>3951.411</b> |
| #2 | <b>2268.234</b> | <b>2640.075</b> | <b>52260.79</b> | <b>5024.945</b> | <b>3965.571</b> |
| #3 | <b>2247.878</b> | <b>2634.231</b> | <b>51460.74</b> | <b>5025.634</b> | <b>3963.273</b> |

Sample Name: K1964-02MSD      Acquired: 03/22/2019 22:26:17      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.6803195</b> | <b>1.653734</b> | <b>.8775932</b> | <b>1.657755</b> | <b>.6804489</b> | <b>1.888355</b> | <b>.3525459</b> |
| Stddev | .0034619        | .005331         | .0017026        | .002917         | .0015875        | .003077         | .0010264        |
| %RSD   | .5088664        | .3223440        | .1940086        | .1759723        | .2332988        | .1629316        | .2911523        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6827010 | 1.655713 | .8792840 | 1.658260 | .6788280 | 1.888062 | .3536110 |
| #2 | .6763483 | 1.647697 | .8776165 | 1.654619 | .6805182 | 1.891567 | .3515631 |
| #3 | .6819093 | 1.657793 | .8758790 | 1.660387 | .6820006 | 1.885435 | .3524636 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1934007</b> | <b>.1693103</b> | <b>163.5696</b> | <b>.3675755</b> | <b>.1739289</b> | <b>.2751211</b> | <b>3.185769</b> |
| Stddev | .0004966        | .0005188        | .7886           | .0020624        | .0004533        | .0041175        | .012384         |
| %RSD   | .2567825        | .3064351        | .4820934        | .5610690        | .2606309        | 1.496616        | .3887378        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1931803 | .1694345 | 163.8994 | .3683754 | .1736821 | .2733975 | 3.179351 |
| #2 | .1939694 | .1687407 | 164.1397 | .3691179 | .1736525 | .2721455 | 3.177911 |
| #3 | .1930524 | .1697558 | 162.6696 | .3652330 | .1744521 | .2798203 | 3.200045 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7815123</b> | <b>35.72768</b> | <b>.4207803</b> | <b>.0734367</b> | <b>131.4384</b> | <b>.2832414</b> | <b>.2472708</b> |
| Stddev | .0102025        | .17501          | .0011837        | .0006486        | .5057           | .0093029        | .0019487        |
| %RSD   | 1.305475        | .4898432        | .2813138        | .8832683        | .3847595        | 3.284448        | .7880808        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7870685 | 35.92707 | .4199984 | .0726878 | 131.3953 | .2830049 | .2487817 |
| #2 | .7877307 | 35.65649 | .4202004 | .0738039 | 131.9642 | .2926603 | .2479594 |
| #3 | .7697378 | 35.59948 | .4221422 | .0738186 | 130.9555 | .2740590 | .2450713 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>30.02812</b> | <b>5.148810</b> | <b>.5039939</b> | <b>.3371163</b> | <b>5.499444</b> | <b>19.13630</b> | <b>.5514454</b> |
| Stddev | .01878          | .011358         | .0026868        | .0009525        | .011306         | .04006          | .0017907        |
| %RSD   | .0625266        | .2205886        | .5331027        | .2825407        | .2055767        | .2093470        | .3247339        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 30.02867 | 5.136500 | .5061136 | .3364347 | 5.487529 | 19.17627 | .5527431 |
| #2 | 30.00908 | 5.151046 | .5048958 | .3367095 | 5.500781 | 19.13649 | .5521908 |
| #3 | 30.04662 | 5.158883 | .5009721 | .3382046 | 5.510021 | 19.09615 | .5494024 |

Sample Name: K1964-02MSD      Acquired: 03/22/2019 22:26:17      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.1742087</b> | <b>.2398000</b> | <b>.8268828</b> |
| Stddev | .0014908        | .0002086        | .0013137        |
| %RSD   | .8557801        | .0869755        | .1588716        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.1732302</b> | <b>.2398643</b> | <b>.8283119</b> |
| #2 | <b>.1734714</b> | <b>.2399690</b> | <b>.8257277</b> |
| #3 | <b>.1759246</b> | <b>.2395669</b> | <b>.8266089</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2267.391</b> | <b>2636.249</b> | <b>51941.31</b> | <b>5067.339</b> | <b>3969.032</b> |
| Stddev    | 18.478          | 2.797           | 197.21          | 34.966          | 3.740           |
| %RSD      | .8149412        | .1060932        | .3796710        | .6900359        | .0942293        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2246.055 | 2638.804 | 51721.93 | 5029.038 | 3969.967 |
| #2 | 2278.133 | 2636.683 | 51998.10 | 5075.424 | 3972.216 |
| #3 | 2277.986 | 2633.261 | 52103.88 | 5097.555 | 3964.913 |

Sample Name: K1964-02A      Acquired: 03/22/2019 22:30:00      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.6868299</b> | <b>1.656662</b> | <b>.8813595</b> | <b>1.673876</b> | <b>.6855312</b> | <b>1.895372</b> | <b>.3541942</b> |
| Stddev | .0043910        | .002577         | .0038942        | .002628         | .0027256        | .017195         | .0015526        |
| %RSD   | .6393206        | .1555597        | .4418420        | .1569935        | .3975840        | .9072203        | .4383574        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6854664 | 1.659608 | .8801315 | 1.672175 | .6829856 | 1.904666 | .3528812 |
| #2 | .6832823 | 1.655549 | .8782273 | 1.676903 | .6884067 | 1.875529 | .3537937 |
| #3 | .6917409 | 1.654828 | .8857197 | 1.672550 | .6852012 | 1.905919 | .3559079 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1950883</b> | <b>.1705257</b> | <b>164.7280</b> | <b>.3719212</b> | <b>.1756927</b> | <b>.2822082</b> | <b>3.181704</b> |
| Stddev | .0007602        | .0002803        | .8478           | .0007675        | .0007654        | .0048023        | .035325         |
| %RSD   | .3896564        | .1643663        | .5146399        | .2063505        | .4356579        | 1.701681        | 1.110263        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1942225 | .1704237 | 163.8075 | .3711170 | .1761481 | .2870416 | 3.160124 |
| #2 | .1953961 | .1703107 | 164.8996 | .3726458 | .1748090 | .2821453 | 3.162517 |
| #3 | .1956464 | .1708427 | 165.4768 | .3720008 | .1761211 | .2774376 | 3.222470 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7802244</b> | <b>35.86987</b> | <b>.4215649</b> | <b>.0744321</b> | <b>132.2919</b> | <b>.2773162</b> | <b>.2484616</b> |
| Stddev | .0069266        | .26161          | .0012748        | .0001471        | .4119           | .0040360        | .0002683        |
| %RSD   | .8877645        | .7293278        | .3024065        | .1976570        | .3113335        | 1.455388        | .1079755        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7722503 | 35.56992 | .4201575 | .0746016 | 132.1430 | .2815772 | .2481907 |
| #2 | .7836761 | 36.05089 | .4218948 | .0743379 | 131.9752 | .2768206 | .2484669 |
| #3 | .7847470 | 35.98878 | .4226423 | .0743567 | 132.7575 | .2735509 | .2487272 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>30.38503</b> | <b>5.176406</b> | <b>.5097662</b> | <b>.3415519</b> | <b>5.525597</b> | <b>19.30520</b> | <b>.5561238</b> |
| Stddev | .18130          | .014259         | .0014551        | .0004933        | .017845         | .08984          | .0015457        |
| %RSD   | .5966630        | .2754697        | .2854359        | .1444229        | .3229558        | .4653531        | .2779330        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 30.31728 | 5.166242 | .5089821 | .3412833 | 5.511628 | 19.21933 | .5564273 |
| #2 | 30.59044 | 5.170270 | .5114451 | .3412513 | 5.545700 | 19.29774 | .5544489 |
| #3 | 30.24736 | 5.192706 | .5088713 | .3421212 | 5.519463 | 19.39854 | .5574952 |

Sample Name: K1964-02A      Acquired: 03/22/2019 22:30:00      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.1779077</b> | <b>.2439124</b> | <b>.8355189</b> |
| Stddev | .0004550        | .0022739        | .0038369        |
| %RSD   | .2557346        | .9322541        | .4592184        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.1776058</b> | <b>.2426303</b> | <b>.8326384</b> |
| #2 | <b>.1776863</b> | <b>.2425691</b> | <b>.8398744</b> |
| #3 | <b>.1784310</b> | <b>.2465378</b> | <b>.8340440</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2236.874</b> | <b>2626.742</b> | <b>51471.56</b> | <b>5003.677</b> | <b>3962.429</b> |
| Stddev    | 10.383          | 4.488           | 298.91          | 2.231           | 5.946           |
| %RSD      | .4641944        | .1708653        | .5807330        | .0445826        | .1500630        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2232.360 | 2628.604 | 51156.21 | 5003.324 | 3967.105 |
| #2 | 2229.512 | 2630.000 | 51507.70 | 5006.063 | 3964.443 |
| #3 | 2248.751 | 2621.623 | 51750.75 | 5001.643 | 3955.737 |

Sample Name: K1964-04      Acquired: 03/22/2019 22:33:43      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0039616 | .0042273 | .0073811 | -.001639 | -.000261 | .0860148 | .1607321 |
| Stddev | .0027589 | .0015872 | .0009681 | .000614  | .001756  | .0199634 | .0014385 |
| %RSD   | 69.63951 | 37.54694 | 13.11562 | 37.46285 | 672.6870 | 23.20921 | .8949461 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0028123 | .0029447 | .0076220 | -.000936 | -.000070 | .0656466 | .1593323 |
| #2 | .0071093 | .0060024 | .0063153 | -.002070 | -.002105 | .1055470 | .1606575 |
| #3 | .0019633 | .0037348 | .0082060 | -.001912 | .001392  | .0868509 | .1622064 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001039 | -.000170 | 229.5989 | .0012957 | -.001712 | .0073197 | .0057136 |
| Stddev | .0000368 | .000004  | 2.2577   | .0006400 | .000202  | .0020737 | .0336773 |
| %RSD   | 35.37604 | 2.215365 | .9833019 | 49.39051 | 11.80067 | 28.33094 | 589.4248 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000625 | -.000170 | 230.7550 | .0020173 | -.001816 | .0076635 | .0286116 |
| #2 | .0001167 | -.000166 | 226.9974 | .0010729 | -.001842 | .0050955 | .0214845 |
| #3 | .0001326 | -.000173 | 231.0443 | .0007970 | -.001480 | .0092000 | -.032955 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4246404 | 41.46193 | .0005611 | -.000099 | 83.53635 | -.001352 | .0823563 |
| Stddev | .0063679 | .60267   | .0007859 | .000653  | .40664   | .003345  | .0006346 |
| %RSD   | 1.499596 | 1.453548 | 140.0660 | 661.5896 | .4867858 | 247.3826 | .7705488 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4255285 | 41.72626 | .0010852 | .000241  | 83.86500 | .000008  | .0822513 |
| #2 | .4178751 | 40.77227 | .0009407 | -.000852 | 83.08160 | -.005162 | .0817808 |
| #3 | .4305176 | 41.88727 | -.000343 | .000315  | 83.66246 | .001098  | .0830369 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 18.03666 | .4436215 | .1803868 | .0003034 | 2.540767 | 25.91676 | -.006164 |
| Stddev | .16488   | .0034174 | .0017669 | .0001609 | .008338  | .26894   | .001429  |
| %RSD   | .9141358 | .7703518 | .9795065 | 53.02008 | .3281540 | 1.037707 | 23.19118 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 18.02822 | .4396933 | .1814017 | .0001692 | 2.548357 | 26.02880 | -.006068 |
| #2 | 17.87617 | .4459109 | .1783466 | .0002592 | 2.542102 | 25.60992 | -.007639 |
| #3 | 18.20560 | .4452603 | .1814122 | .0004817 | 2.531842 | 26.11157 | -.004785 |

Sample Name: K1964-04      Acquired: 03/22/2019 22:33:43      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.003408</b> | <b>.0515658</b> | <b>.9150407</b> |
| Stddev | .001216         | .0013263        | .0009278        |
| %RSD   | 35.68230        | 2.572033        | .1013947        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.004263</b> | <b>.0530318</b> | <b>.9143655</b> |
| #2 | <b>-.003946</b> | <b>.0512165</b> | <b>.9146579</b> |
| #3 | <b>-.002016</b> | <b>.0504492</b> | <b>.9160986</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2221.195</b> | <b>2614.275</b> | <b>51060.98</b> | <b>5053.738</b> | <b>3941.973</b> |
| Stddev    | 3.088           | 3.470           | 106.56          | 41.431          | 2.822           |
| %RSD      | .1390200        | .1327263        | .2086948        | .8198052        | .0715888        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2224.750</b> | <b>2618.132</b> | <b>51136.55</b> | <b>5043.605</b> | <b>3939.245</b> |
| #2 | <b>2219.175</b> | <b>2611.408</b> | <b>50939.10</b> | <b>5099.296</b> | <b>3944.880</b> |
| #3 | <b>2219.661</b> | <b>2613.285</b> | <b>51107.30</b> | <b>5018.314</b> | <b>3941.793</b> |

Sample Name: K1983-01      Acquired: 03/22/2019 22:37:34      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0021577 | .0006782 | .0087720 | .0015431 | -.000397 | .0738336 | .0372399 |
| Stddev | .0030528 | .0007054 | .0011136 | .0010346 | .002348  | .0065293 | .0006705 |
| %RSD   | 141.4835 | 104.0092 | 12.69473 | 67.04241 | 591.3334 | 8.843195 | 1.800479 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0038096 | -.000064 | .0079639 | .0003923 | -.001902 | .0783815 | .0375117 |
| #2 | .0040285 | .001340  | .0083100 | .0018413 | .002309  | .0663521 | .0364762 |
| #3 | -.001365 | .000758  | .0100423 | .0023959 | -.001598 | .0767672 | .0377319 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000893 | .0003948 | 14.04067 | .0107514 | .0017906 | .3510450 | .5472906 |
| Stddev | .0000475 | .0000544 | .16156   | .0009640 | .0002290 | .0045556 | .0308852 |
| %RSD   | 53.17712 | 13.78487 | 1.150626 | 8.966705 | 12.78741 | 1.297721 | 5.643295 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001189 | .0004107 | 13.87331 | .0118472 | .0018160 | .3514119 | .5139510 |
| #2 | .0001145 | .0004394 | 14.05298 | .0100337 | .0020058 | .3463170 | .5749263 |
| #3 | .0000345 | .0003341 | 14.19572 | .0103732 | .0015500 | .3554060 | .5529946 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0341987 | 3.092458 | .0087732 | .0093846 | 29.35976 | .0022393 | .0889333 |
| Stddev | .0028390 | .009447  | .0002260 | .0002922 | .21043   | .0067909 | .0003624 |
| %RSD   | 8.301611 | .3054951 | 2.575769 | 3.113571 | .7167227 | 303.2575 | .4075067 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0310411 | 3.084375 | .0088379 | .0091506 | 29.35554 | -.005303 | .0885180 |
| #2 | .0365407 | 3.102844 | .0089597 | .0097121 | 29.15148 | .004152  | .0890959 |
| #3 | .0350143 | 3.090156 | .0085219 | .0092911 | 29.57227 | .007869  | .0891858 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3694366 | 3.301877 | .0093981 | -.000179 | 5.032482 | 3.483337 | -.002894 |
| Stddev | .0320826 | .009164  | .0008436 | .000278  | .013141  | .027634  | .000183  |
| %RSD   | 8.684187 | .2775322 | 8.976254 | 154.9806 | .2611232 | .7933212 | 6.333150 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3350498 | 3.291417 | .0084265 | -.000363 | 5.030190 | 3.453161 | -.002971 |
| #2 | .3746946 | 3.305727 | .0098244 | -.000315 | 5.020637 | 3.489443 | -.002684 |
| #3 | .3985653 | 3.308488 | .0099435 | .000140  | 5.046618 | 3.507408 | -.003025 |

Sample Name: K1983-01      Acquired: 03/22/2019 22:37:34      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0033050 | -.003815 | .0435874 |
| Stddev | .0022922 | .001173  | .0001908 |
| %RSD   | 69.35717 | 30.74261 | .4377919 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0006722 | -.005149 | .0433731 |
| #2 | .0043853 | -.002945 | .0436505 |
| #3 | .0048573 | -.003353 | .0437388 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2278.803 | 2692.196 | 51929.15 | 5134.392 | 4180.167 |
| Stddev    | 18.014   | 2.425    | 239.65   | 49.938   | 9.725    |
| %RSD      | .7905086 | .0900932 | .4614943 | .9726196 | .2326350 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2284.936 | 2694.532 | 52078.47 | 5182.400 | 4190.815 |
| #2 | 2292.950 | 2692.366 | 52056.25 | 5138.050 | 4177.932 |
| #3 | 2258.523 | 2689.690 | 51652.72 | 5082.725 | 4171.756 |

Sample Name: K2038-01      Acquired: 03/22/2019 22:41:23      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CCV14737      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0428038 | .0037712 | .0060917 | -.003672 | .0007728 | .2674381 | .1822291 |
| Stddev | .0013300 | .0013528 | .0005820 | .000821  | .0020588 | .0128956 | .0005453 |
| %RSD   | 3.107309 | 35.87183 | 9.554822 | 22.34505 | 266.4297 | 4.821890 | .2992288 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0423011 | .0053052 | .0067196 | -.002821 | .0018243 | .2800575 | .1828503 |
| #2 | .0417983 | .0032595 | .0059854 | -.003737 | .0020934 | .2542831 | .1820079 |
| #3 | .0443119 | .0027489 | .0055701 | -.004458 | -.001600 | .2679736 | .1818292 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001594 | -.000045 | 418.1311 | .0047183 | .0002563 | .0138273 | 2.594338 |
| Stddev | .0000549 | .000022  | .8912    | .0003944 | .0002124 | .0016343 | .035405  |
| %RSD   | 34.44119 | 47.78498 | .2131283 | 8.357931 | 82.87900 | 11.81958 | 1.364718 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0002223 | -.000060 | 418.0116 | .0045778 | .0002018 | .0147585 | 2.586681 |
| #2 | .0001211 | -.000021 | 417.3056 | .0044134 | .0004907 | .0147833 | 2.563387 |
| #3 | .0001349 | -.000055 | 419.0759 | .0051636 | .0000764 | .0119402 | 2.632945 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6165560 | 50.74256 | .0176028 | -.000352 | 525.8477 | -.004451 | .1382459 |
| Stddev | .0038226 | .48607   | .0002609 | .000166  | .7590    | .002528  | .0009743 |
| %RSD   | .6200009 | .9579095 | 1.481928 | 47.25329 | .1443452 | 56.79892 | .7047661 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6121452 | 51.15974 | .0176659 | -.000160 | 524.9899 | -.006795 | .1382366 |
| #2 | .6189076 | 50.20881 | .0173161 | -.000458 | 526.1205 | -.001772 | .1372762 |
| #3 | .6186151 | 50.85913 | .0178263 | -.000437 | 526.4325 | -.004787 | .1392248 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 77.66431 | .0692533 | .4231754 | .0869150 | 125.1412 | 16.30445 | -.005514 |
| Stddev | .22938   | .0014992 | .0009447 | .0004014 | .1927    | .04511   | .001764  |
| %RSD   | .2953432 | 2.164760 | .2232362 | .4618915 | .1540177 | .2766840 | 31.99564 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 77.43421 | .0689438 | .4220867 | .0871604 | 124.9421 | 16.25490 | -.006811 |
| #2 | 77.89295 | .0679330 | .4237779 | .0864517 | 125.1545 | 16.34314 | -.006226 |
| #3 | 77.66578 | .0708830 | .4236617 | .0871329 | 125.3269 | 16.31531 | -.003505 |

Sample Name: K2038-01      Acquired: 03/22/2019 22:41:23      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CCV14737      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.005148</b> | <b>.1403340</b> | <b>3.277936</b> |
| Stddev | .002031         | .0012274        | .003835         |
| %RSD   | 39.44832        | .8746282        | .1170016        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.003148</b> | <b>.1403659</b> | <b>3.273777</b> |
| #2 | <b>-.007208</b> | <b>.1415452</b> | <b>3.278696</b> |
| #3 | <b>-.005087</b> | <b>.1390910</b> | <b>3.281334</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2167.282</b> | <b>2513.509</b> | <b>50116.29</b> | <b>4922.115</b> | <b>3626.655</b> |
| Stddev    | 10.056          | 9.038           | 118.72          | 10.582          | 9.128           |
| %RSD      | .4639963        | .3595715        | .2368851        | .2149841        | .2516891        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2158.388</b> | <b>2517.217</b> | <b>50058.70</b> | <b>4912.353</b> | <b>3627.164</b> |
| #2 | <b>2178.194</b> | <b>2520.103</b> | <b>50252.81</b> | <b>4933.360</b> | <b>3635.518</b> |
| #3 | <b>2165.263</b> | <b>2503.207</b> | <b>50037.35</b> | <b>4920.632</b> | <b>3617.284</b> |

Sample Name: CCV08      Acquired: 03/22/2019 22:45:12      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CRI      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.064566 | 4.962852 | 5.256579 | 4.868246 | 5.051881 | 10.56339 |
| Stddev | .007854  | .004235  | .010489  | .004417  | .007960  | .04863   |
| %RSD   | .1550791 | .0853248 | .1995372 | .0907339 | .1575698 | .4603274 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.073418 | 4.958137 | 5.245194 | 4.871489 | 5.047882 | 10.51978 |
| #2 | 5.061852 | 4.964088 | 5.258692 | 4.870034 | 5.061048 | 10.61583 |
| #3 | 5.058429 | 4.966331 | 5.265850 | 4.863215 | 5.046713 | 10.55457 |

|        |          |            |          |            |            |          |
|--------|----------|------------|----------|------------|------------|----------|
| Elem   | Ba4934   | Be2348     | Cd2144   | Ca3736     | Cr2677     | Co2286   |
| Units  | ppm      | ppm        | ppm      | ppm        | ppm        | ppm      |
| Avg    | 9.929030 | F .2775137 | 2.547407 | F 28.64078 | F 1.102278 | 2.598258 |
| Stddev | .050349  | .0021200   | .003527  | .22586     | .003106    | .004630  |
| %RSD   | .5070873 | .7639348   | .1384684 | .7885943   | .2818056   | .1781877 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.871871 | .2779863 | 2.543550 | 28.66668 | 1.098832 | 2.593247 |
| #2 | 9.966811 | .2793575 | 2.548202 | 28.85257 | 1.104863 | 2.599148 |
| #3 | 9.948407 | .2751972 | 2.550469 | 28.40309 | 1.103140 | 2.602378 |

|        |          |            |            |            |          |            |
|--------|----------|------------|------------|------------|----------|------------|
| Elem   | Cu3247   | Fe2598     | Mn2576     | Mg2790     | Ni2316   | Ag3280     |
| Units  | ppm      | ppm        | ppm        | ppm        | ppm      | ppm        |
| Avg    | 1.351642 | F 5.511311 | F 2.898579 | F 28.28442 | 2.494659 | F 1.459373 |
| Stddev | .004270  | .071690    | .008276    | .14857     | .007150  | .008198    |
| %RSD   | .3159228 | 1.300771   | .2855278   | .5252794   | .2865985 | .5617147   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.347535 | 5.556991 | 2.897089 | 28.36380 | 2.486518 | 1.455886 |
| #2 | 1.356058 | 5.548258 | 2.907499 | 28.37645 | 2.497540 | 1.453496 |
| #3 | 1.351331 | 5.428685 | 2.891150 | 28.11302 | 2.499918 | 1.468738 |

|        |          |          |            |          |          |            |
|--------|----------|----------|------------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138     | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm        |
| Avg    | 27.07981 | 2.694323 | F 2.787617 | 26.51916 | 4.999796 | F 5.961728 |
| Stddev | .06207   | .011402  | .015185    | .16980   | .015081  | .039242    |
| %RSD   | .2292085 | .4231998 | .5447399   | .6402893 | .3016339 | .6582345   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 27.11271 | 2.692453 | 2.795825 | 26.39195 | 4.982729 | 5.981482 |
| #2 | 27.00821 | 2.706545 | 2.796932 | 26.71197 | 5.005332 | 5.987167 |
| #3 | 27.11849 | 2.683972 | 2.770094 | 26.45355 | 5.011327 | 5.916534 |

Sample Name: CCV08      Acquired: 03/22/2019 22:45:12      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CRI      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |            |          |
|--------|----------|----------|------------|----------|------------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361     | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      |
| Avg    | 5.147230 | 4.705431 | F 5.700226 | 4.780812 | F 5.502283 | 5.159885 |
| Stddev | .006793  | .004449  | .045286    | .009751  | .036068    | .037098  |
| %RSD   | .1319766 | .0945426 | .7944613   | .2039673 | .6555173   | .7189736 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.153233 | 4.706189 | 5.709814 | 4.770694 | 5.507180 | 5.132508 |
| #2 | 5.139856 | 4.700652 | 5.739950 | 4.781594 | 5.535653 | 5.202107 |
| #3 | 5.148601 | 4.709452 | 5.650913 | 4.790150 | 5.464016 | 5.145042 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 5.320312 |
| Stddev | .017025  |
| %RSD   | .3200019 |

|    |          |
|----|----------|
| #1 | 5.301100 |
| #2 | 5.333528 |
| #3 | 5.326308 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2151.273 | 2550.509 | 49397.60 | 4881.742 | 3895.827 |
| Stddev    | 9.815    | 6.222    | 183.64   | 36.829   | 3.592    |
| %RSD      | .4562189 | .2439582 | .3717605 | .7544336 | .0921967 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2143.263 | 2543.700 | 49536.43 | 4869.550 | 3892.416 |
| #2 | 2148.335 | 2551.928 | 49466.99 | 4852.554 | 3895.489 |
| #3 | 2162.221 | 2555.900 | 49189.37 | 4923.121 | 3899.576 |

Sample Name: CCB08      Acquired: 03/22/2019 22:48:44      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0010450 | .0002509 | -.000785 | -.001191 | .0027524 | .0015532 | .0053734 |
| Stddev | .0012798 | .0008977 | .000614  | .002336  | .0036624 | .0120218 | .0010506 |
| %RSD   | 122.4660 | 357.7319 | 78.24750 | 196.1032 | 133.0601 | 774.0240 | 19.55167 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000590 | .0009900 | -.000416 | -.000609 | -.001435 | .0154292 | .0050763 |
| #2 | .0005848 | .0005107 | -.000445 | .000799  | .005356  | -.005726 | .0045033 |
| #3 | .0024913 | -.000748 | -.001495 | -.003762 | .004336  | -.005043 | .0065405 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000045 | -.000060 | .0053093 | .0000184 | -.000172 | .0041856 | .0176624 |
| Stddev | .0000204 | .000072  | .0444399 | .0003458 | .000238  | .0011999 | .0078030 |
| %RSD   | 447.6386 | 119.7765 | 837.0159 | 1882.731 | 138.7116 | 28.66779 | 44.17843 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000006 | .000002  | .0398791 | .0002475 | .000091  | .0054030 | .0120722 |
| #2 | -.000008 | -.000043 | -.044818 | -.000379 | -.000374 | .0030039 | .0143379 |
| #3 | .000028  | -.000139 | .020866  | .000187  | -.000232 | .0041498 | .0265770 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000255 | .0297721 | .0004753 | -.000260 | -.370781 | -.005942 | .0001280 |
| Stddev | .001465  | .0432554 | .0006499 | .000560  | .275245  | .004169  | .0002899 |
| %RSD   | 573.7764 | 145.2885 | 136.7336 | 215.0865 | 74.23376 | 70.15636 | 226.4912 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000039  | .0450493 | .0011482 | .000071  | -.063685 | -.010403 | -.000023 |
| #2 | .001040  | .0633159 | .0004267 | -.000907 | -.453416 | -.002145 | .000462  |
| #3 | -.001845 | -.019049 | -.000149 | .000055  | -.595243 | -.005278 | -.000056 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.190350 | -.001259 | .0061371 | -.000142 | .0004937 | .0077483 | -.000589 |
| Stddev | .051447  | .000626  | .0019416 | .000120  | .0026333 | .0002586 | .000241  |
| %RSD   | 27.02774 | 49.77107 | 31.63646 | 84.64386 | 533.4141 | 3.337406 | 40.92195 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.232944 | -.000618 | .0082323 | -.000211 | .0024914 | .0080442 | -.000311 |
| #2 | -.133190 | -.001287 | .0043988 | -.000212 | -.002490 | .0075660 | -.000732 |
| #3 | -.204915 | -.001870 | .0057802 | -.000003 | .001480  | .0076345 | -.000725 |

Sample Name: CCB08      Acquired: 03/22/2019 22:48:44      Type: Unk  
 Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0035695 | .0026047 | .0001732 |
| Stddev | .0009491 | .0008570 | .0001733 |
| %RSD   | 26.58937 | 32.90233 | 100.0329 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0025783 | .0017778 | .0001061 |
| #2 | .0044700 | .0025473 | .0000436 |
| #3 | .0036601 | .0034889 | .0003700 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2219.030 | 2660.379 | 50463.03 | 4875.042 | 4109.024 |
| Stddev    | 12.818   | 2.609    | 112.97   | 22.628   | 7.305    |
| %RSD      | .5776593 | .0980840 | .2238687 | .4641687 | .1777749 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2220.798 | 2658.287 | 50393.73 | 4851.000 | 4102.824 |
| #2 | 2205.419 | 2659.548 | 50401.97 | 4878.200 | 4107.171 |
| #3 | 2230.873 | 2663.303 | 50593.39 | 4895.925 | 4117.077 |

Sample Name: K2038-01DUP      Acquired: 03/22/2019 22:52:37      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CCB14737      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0437103</b> | <b>.0036927</b> | <b>.0056720</b> | <b>-.004879</b> | <b>.0026292</b> | <b>.2674142</b> | <b>.1792903</b> |
| Stddev | .0028378        | .0005129        | .0013156        | .001990         | .0027887        | .0154114        | .0010084        |
| %RSD   | 6.492227        | 13.88834        | 23.19500        | 40.79469        | 106.0661        | 5.763126        | .5624437        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0410741</b> | <b>.0032408</b> | <b>.0062349</b> | <b>-.002880</b> | <b>.0030904</b> | <b>.2669888</b> | <b>.1781893</b> |
| #2 | <b>.0433430</b> | <b>.0042501</b> | <b>.0066124</b> | <b>-.004897</b> | <b>.0051586</b> | <b>.2522198</b> | <b>.1795124</b> |
| #3 | <b>.0467139</b> | <b>.0035872</b> | <b>.0041686</b> | <b>-.006861</b> | <b>-.000361</b> | <b>.2830339</b> | <b>.1801691</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000984</b> | <b>-.000016</b> | <b>413.6557</b> | <b>.0050206</b> | <b>.0001622</b> | <b>.0138629</b> | <b>2.607757</b> |
| Stddev | .0000682        | .000090         | 3.4387          | .0006084        | .0001778        | .0007814        | .021726         |
| %RSD   | 69.31054        | 549.4621        | .8313023        | 12.11779        | 109.5995        | 5.636673        | .8331417        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0000197</b> | <b>.000035</b>  | <b>409.7901</b> | <b>.0043181</b> | <b>.0003674</b> | <b>.0130241</b> | <b>2.592739</b> |
| #2 | <b>.0001372</b> | <b>-.000121</b> | <b>414.8024</b> | <b>.0053669</b> | <b>.0000542</b> | <b>.0145701</b> | <b>2.632669</b> |
| #3 | <b>.0001384</b> | <b>.000037</b>  | <b>416.3745</b> | <b>.0053768</b> | <b>.0000650</b> | <b>.0139946</b> | <b>2.597862</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.6145767</b> | <b>50.65169</b> | <b>.0177942</b> | <b>-.000368</b> | <b>520.5260</b> | <b>-.002716</b> | <b>.1349217</b> |
| Stddev | .0080110        | .49475          | .0002551        | .000421         | 3.4568          | .002302         | .0012200        |
| %RSD   | 1.303506        | .9767775        | 1.433885        | 114.4079        | .6640983        | 84.76140        | .9042313        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.6057154</b> | <b>50.08747</b> | <b>.0180635</b> | <b>-.000001</b> | <b>516.5348</b> | <b>-.003186</b> | <b>.1347405</b> |
| #2 | <b>.6167086</b> | <b>50.85614</b> | <b>.0175561</b> | <b>-.000828</b> | <b>522.5690</b> | <b>-.004748</b> | <b>.1362222</b> |
| #3 | <b>.6213062</b> | <b>51.01145</b> | <b>.0177630</b> | <b>-.000275</b> | <b>522.4742</b> | <b>-.000215</b> | <b>.1338024</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>76.30907</b> | <b>.0673202</b> | <b>.4219189</b> | <b>.0854230</b> | <b>123.1277</b> | <b>16.11329</b> | <b>-.005380</b> |
| Stddev | .21975          | .0061587        | .0022278        | .0003915        | .4811           | .11138          | .000433         |
| %RSD   | .2879778        | 9.148343        | .5280158        | .4583167        | .3907476        | .6912005        | 8.041241        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>76.11569</b> | <b>.0620357</b> | <b>.4225824</b> | <b>.0849757</b> | <b>122.8268</b> | <b>16.05242</b> | <b>-.005684</b> |
| #2 | <b>76.54805</b> | <b>.0740838</b> | <b>.4237397</b> | <b>.0855897</b> | <b>122.8736</b> | <b>16.24184</b> | <b>-.004885</b> |
| #3 | <b>76.26348</b> | <b>.0658412</b> | <b>.4194348</b> | <b>.0857035</b> | <b>123.6826</b> | <b>16.04562</b> | <b>-.005572</b> |

Sample Name: K2038-01DUP      Acquired: 03/22/2019 22:52:37      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CCB14737      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.006243</b> | <b>.1396460</b> | <b>3.217423</b> |
| Stddev | .001354         | .0044182        | .008080         |
| %RSD   | 21.68939        | 3.163875        | .2511455        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.004681</b> | <b>.1357585</b> | <b>3.209301</b> |
| #2 | <b>-.007073</b> | <b>.1444509</b> | <b>3.217507</b> |
| #3 | <b>-.006976</b> | <b>.1387286</b> | <b>3.225461</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2206.438</b> | <b>2545.266</b> | <b>50794.30</b> | <b>4967.025</b> | <b>3667.242</b> |
| Stddev    | 16.489          | 6.889           | 238.19          | 16.465          | 10.126          |
| %RSD      | .7472930        | .2706551        | .4689354        | .3314776        | .2761133        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2207.411</b> | <b>2552.056</b> | <b>50740.30</b> | <b>4985.762</b> | <b>3676.774</b> |
| #2 | <b>2222.419</b> | <b>2545.460</b> | <b>51054.86</b> | <b>4954.868</b> | <b>3668.341</b> |
| #3 | <b>2189.485</b> | <b>2538.282</b> | <b>50587.75</b> | <b>4960.445</b> | <b>3656.612</b> |

Sample Name: K2038-01LX5      Acquired: 03/22/2019 22:56:28      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0131796 | .0056000 | .0046455 | .0004447 | .0025561 | .0689146 | .0411741 |
| Stddev | .0049116 | .0011110 | .0007183 | .0020224 | .0006647 | .0101539 | .0004760 |
| %RSD   | 37.26689 | 19.83945 | 15.46274 | 454.7707 | 26.00199 | 14.73395 | 1.156082 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0118360 | .0063524 | .0043880 | -.000661 | .0025321 | .0591792 | .0410072 |
| #2 | .0186231 | .0061235 | .0054571 | -.000784 | .0019038 | .0794407 | .0408040 |
| #3 | .0090795 | .0043239 | .0040914 | .002779  | .0032325 | .0681240 | .0417111 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0004811 | .0002437 | 85.33288 | .0019150 | -.000572 | .0032307 | .5563635 |
| Stddev | .0000482 | .0000582 | .72703   | .0003834 | .000131  | .0014488 | .0193613 |
| %RSD   | 10.02674 | 23.86965 | .8519924 | 20.02087 | 22.96964 | 44.84497 | 3.479964 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0004782 | .0002179 | 85.85765 | .0020927 | -.000559 | .0028929 | .5502566 |
| #2 | .0005307 | .0003102 | 84.50301 | .0021774 | -.000709 | .0048185 | .5780418 |
| #3 | .0004343 | .0002028 | 85.63797 | .0014750 | -.000447 | .0019806 | .5407920 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1263372 | 10.49403 | .0046558 | -.000518 | 107.6536 | .0021540 | .0282738 |
| Stddev | .0013998 | .11739   | .0000852 | .000202  | .7578    | .0111463 | .0003280 |
| %RSD   | 1.107980 | 1.118680 | 1.830756 | 38.96079 | .7038869 | 517.4689 | 1.159974 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1261383 | 10.36561 | .0045740 | -.000659 | 108.4793 | -.010454 | .0286395 |
| #2 | .1250476 | 10.59582 | .0047441 | -.000287 | 106.9899 | .006215  | .0281759 |
| #3 | .1278258 | 10.52066 | .0046492 | -.000609 | 107.4917 | .010700  | .0280059 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.04308 | .0257261 | .0833830 | .0184662 | 23.62415 | 3.325979 | -.003413 |
| Stddev | .05735   | .0018938 | .0009922 | .0001163 | .11190   | .027141  | .000369  |
| %RSD   | .3812640 | 7.361171 | 1.189884 | .6296198 | .4736468 | .8160399 | 10.82564 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 15.06101 | .0275055 | .0824877 | .0183336 | 23.50985 | 3.356740 | -.003480 |
| #2 | 15.08933 | .0259373 | .0844497 | .0185147 | 23.62913 | 3.305403 | -.003744 |
| #3 | 14.97890 | .0237357 | .0832114 | .0185504 | 23.73348 | 3.315795 | -.003014 |

Sample Name: K2038-01LX5      Acquired: 03/22/2019 22:56:28      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000796</b> | <b>.0300680</b> | <b>.6741110</b> |
| Stddev | .003060         | .0028010        | .0014792        |
| %RSD   | 384.2594        | 9.315717        | .2194325        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .002200  | .0290563 | .6753330 |
| #2 | -.003918 | .0279133 | .6745335 |
| #3 | -.000671 | .0332343 | .6724665 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2196.181</b> | <b>2575.984</b> | <b>50154.35</b> | <b>4936.177</b> | <b>3937.104</b> |
| Stddev    | 6.888           | 2.715           | 136.46          | 48.090          | 8.227           |
| %RSD      | .3136490        | .1054101        | .2720820        | .9742396        | .2089588        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2197.152 | 2572.932 | 50012.84 | 4888.079 | 3927.614 |
| #2 | 2202.532 | 2578.134 | 50285.13 | 4984.259 | 3942.220 |
| #3 | 2188.858 | 2576.885 | 50165.08 | 4936.191 | 3941.478 |

Sample Name: K2038-01MS      Acquired: 03/22/2019 23:00:20      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8733138</b> | <b>1.947909</b> | <b>1.079970</b> | <b>1.961411</b> | <b>.8328095</b> | <b>2.499916</b> | <b>.3819652</b> |
| Stddev | .0033015        | .002622         | .001939         | .003180         | .0035789        | .009923         | .0014517        |
| %RSD   | .3780421        | .1346234        | .1794971        | .1621333        | .4297404        | .3969222        | .3800648        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8716774 | 1.945211 | 1.081823 | 1.961705 | .8286893 | 2.500904 | .3826476 |
| #2 | .8771139 | 1.950449 | 1.080130 | 1.964433 | .8345918 | 2.489536 | .3802980 |
| #3 | .8711502 | 1.948068 | 1.077956 | 1.958093 | .8351473 | 2.509308 | .3829500 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2349041</b> | <b>.2082130</b> | <b>408.7395</b> | <b>.4452659</b> | <b>.2172213</b> | <b>.3538049</b> | <b>5.945299</b> |
| Stddev | .0016581        | .0008431        | 4.0006          | .0016350        | .0001542        | .0030519        | .127676         |
| %RSD   | .7058798        | .4049045        | .9787594        | .3671898        | .0709803        | .8625995        | 2.147504        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2349411 | .2089828 | 407.1549 | .4452926 | .2171079 | .3511270 | 5.835936 |
| #2 | .2365434 | .2073121 | 413.2896 | .4468874 | .2173969 | .3571277 | 6.085601 |
| #3 | .2332277 | .2083442 | 405.7740 | .4436178 | .2171591 | .3531600 | 5.914359 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8349863</b> | <b>51.95010</b> | <b>.5322544</b> | <b>.0932056</b> | <b>517.8110</b> | <b>.3380970</b> | <b>.4055043</b> |
| Stddev | .0075540        | .35016          | .0003816        | .0007375        | 3.2764          | .0030869        | .0017580        |
| %RSD   | .9046861        | .6740325        | .0716998        | .7912887        | .6327451        | .9130291        | .4335420        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8276126 | 51.82550 | .5323169 | .0939058 | 516.4200 | .3373217 | .4069291 |
| #2 | .8427085 | 52.34552 | .5318454 | .0924357 | 521.5534 | .3414977 | .4035397 |
| #3 | .8346377 | 51.67928 | .5326010 | .0932752 | 515.4595 | .3354717 | .4060443 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>86.98493</b> | <b>6.712467</b> | <b>.7812705</b> | <b>.4870832</b> | <b>120.5178</b> | <b>16.99032</b> | <b>.6994107</b> |
| Stddev | .49232          | .013195         | .0061696        | .0007091        | .1809           | .12362          | .0018696        |
| %RSD   | .5659791        | .1965784        | .7896884        | .1455863        | .1500776        | .7275900        | .2673119        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 86.63972 | 6.726034 | .7783340 | .4875479 | 120.7161 | 16.98410 | .7011778 |
| #2 | 87.54868 | 6.711689 | .7883599 | .4862670 | 120.3618 | 17.11693 | .6996013 |
| #3 | 86.76638 | 6.699678 | .7771177 | .4874347 | 120.4756 | 16.86992 | .6974531 |

Sample Name: K2038-01MS      Acquired: 03/22/2019 23:00:20      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.2138799</b> | <b>.3599981</b> | <b>3.399729</b> |
| Stddev | .0023033        | .0017765        | .004697         |
| %RSD   | 1.076891        | .4934854        | .1381457        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.2143714</b> | <b>.3582853</b> | <b>3.395194</b> |
| #2 | <b>.2158977</b> | <b>.3598770</b> | <b>3.399420</b> |
| #3 | <b>.2113706</b> | <b>.3618321</b> | <b>3.404572</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2186.568</b> | <b>2541.246</b> | <b>50457.65</b> | <b>4907.287</b> | <b>3658.888</b> |
| Stddev    | 3.973           | 2.680           | 50.63           | 41.363          | 1.852           |
| %RSD      | .1816978        | .1054688        | .1003417        | .8428871        | .0506178        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2191.155 | 2544.333 | 50476.95 | 4921.026 | 3660.710 |
| #2 | 2184.199 | 2539.888 | 50400.21 | 4860.803 | 3657.008 |
| #3 | 2184.350 | 2539.516 | 50495.80 | 4940.032 | 3658.947 |

Sample Name: K2038-01MSD      Acquired: 03/22/2019 23:04:00      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: SP-1-C      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8625651</b> | <b>1.930339</b> | <b>1.071362</b> | <b>1.945804</b> | <b>.8269110</b> | <b>2.497577</b> | <b>.3757052</b> |
| Stddev | .0029044        | .006174         | .002293         | .011782         | .0027375        | .012598         | .0027084        |
| %RSD   | .3367212        | .3198562        | .2140045        | .6055039        | .3310512        | .5044228        | .7208909        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8594903 | 1.929844 | 1.070194 | 1.938064 | .8261643 | 2.485619 | .3728471 |
| #2 | .8629429 | 1.924427 | 1.069888 | 1.939986 | .8246243 | 2.496381 | .3782338 |
| #3 | .8652622 | 1.936746 | 1.074003 | 1.959364 | .8299443 | 2.510730 | .3760348 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2332877</b> | <b>.2063977</b> | <b>405.1249</b> | <b>.4391242</b> | <b>.2154461</b> | <b>.3457104</b> | <b>5.922159</b> |
| Stddev | .0017814        | .0006464        | 2.4527          | .0004443        | .0004569        | .0034686        | .117358         |
| %RSD   | .7636193        | .3131649        | .6054094        | .1011735        | .2120844        | 1.003323        | 1.981671        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2320150 | .2059814 | 402.3026 | .4389348 | .2149195 | .3424434 | 5.798525 |
| #2 | .2325246 | .2060693 | 406.7399 | .4388060 | .2156801 | .3453373 | 5.935924 |
| #3 | .2353236 | .2071423 | 406.3322 | .4396318 | .2157385 | .3493504 | 6.032027 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8361537</b> | <b>52.04503</b> | <b>.5273126</b> | <b>.0920794</b> | <b>511.9356</b> | <b>.3303209</b> | <b>.4003691</b> |
| Stddev | .0120166        | .41362          | .0015496        | .0005914        | 1.5229          | .0038349        | .0014667        |
| %RSD   | 1.437126        | .7947392        | .2938722        | .6422702        | .2974731        | 1.160952        | .3663285        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8223038 | 51.56776 | .5259310 | .0917247 | 510.4640 | .3259165 | .4001009 |
| #2 | .8423479 | 52.29913 | .5270185 | .0917514 | 511.8379 | .3329191 | .4019513 |
| #3 | .8438094 | 52.26822 | .5289882 | .0927621 | 513.5050 | .3321272 | .3990550 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>86.20616</b> | <b>6.646405</b> | <b>.7745121</b> | <b>.4829679</b> | <b>119.1916</b> | <b>16.81330</b> | <b>.6873078</b> |
| Stddev | .36359          | .022971         | .0068551        | .0014415        | .3270           | .12889          | .0024592        |
| %RSD   | .4217641        | .3456157        | .8850835        | .2984715        | .2743260        | .7665881        | .3577998        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 85.78885 | 6.623072 | .7695855 | .4822204 | 118.9240 | 16.69371 | .6866253 |
| #2 | 86.37496 | 6.647146 | .7716098 | .4820538 | 119.0948 | 16.79638 | .6852619 |
| #3 | 86.45466 | 6.668996 | .7823409 | .4846297 | 119.5561 | 16.94982 | .6900361 |

Sample Name: K2038-01MSD      Acquired: 03/22/2019 23:04:00      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: SP-1-C      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.2125096</b> | <b>.3517455</b> | <b>3.355810</b> |
| Stddev | .0027831        | .0014722        | .016970         |
| %RSD   | 1.309613        | .4185327        | .5056825        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.2103960</b> | <b>.3534192</b> | <b>3.336310</b> |
| #2 | <b>.2156628</b> | <b>.3506510</b> | <b>3.363893</b> |
| #3 | <b>.2114699</b> | <b>.3511663</b> | <b>3.367227</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2195.263</b> | <b>2541.793</b> | <b>50756.86</b> | <b>4911.544</b> | <b>3664.221</b> |
| Stddev    | 14.857          | 7.084           | 271.24          | 15.785          | 10.570          |
| %RSD      | .6767675        | .2787122        | .5344001        | .3213819        | .2884697        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2178.108 | 2542.776 | 50447.12 | 4905.876 | 3669.516 |
| #2 | 2203.690 | 2548.334 | 50871.53 | 4929.380 | 3671.097 |
| #3 | 2203.989 | 2534.268 | 50951.94 | 4899.376 | 3652.050 |

Sample Name: K2038-01A      Acquired: 03/22/2019 23:07:40      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8708827</b> | <b>1.941691</b> | <b>1.079169</b> | <b>1.949833</b> | <b>.8310728</b> | <b>2.498713</b> | <b>.3781039</b> |
| Stddev | .0029956        | .004106         | .002330         | .004921         | .0028550        | .038234         | .0017782        |
| %RSD   | .3439713        | .2114722        | .2159176        | .2523622        | .3435317        | 1.530164        | .4702978        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.8674604</b> | <b>1.937663</b> | <b>1.078052</b> | <b>1.945403</b> | <b>.8299196</b> | <b>2.492964</b> | <b>.3765281</b> |
| #2 | <b>.8721589</b> | <b>1.945871</b> | <b>1.077608</b> | <b>1.948967</b> | <b>.8343240</b> | <b>2.463678</b> | <b>.3777517</b> |
| #3 | <b>.8730289</b> | <b>1.941537</b> | <b>1.081847</b> | <b>1.955129</b> | <b>.8289748</b> | <b>2.539496</b> | <b>.3800319</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2356806</b> | <b>.2076713</b> | <b>410.8649</b> | <b>.4435398</b> | <b>.2168252</b> | <b>.3448112</b> | <b>6.009592</b> |
| Stddev | .0023732        | .0011114        | 5.2651          | .0019796        | .0006843        | .0036924        | .110076         |
| %RSD   | 1.006949        | .5351983        | 1.281463        | .4463124        | .3155829        | 1.070833        | 1.831675        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.2368227</b> | <b>.2071028</b> | <b>410.9674</b> | <b>.4453052</b> | <b>.2162036</b> | <b>.3406463</b> | <b>6.003337</b> |
| #2 | <b>.2329523</b> | <b>.2069591</b> | <b>405.5493</b> | <b>.4439146</b> | <b>.2167136</b> | <b>.3461035</b> | <b>5.902777</b> |
| #3 | <b>.2372667</b> | <b>.2089520</b> | <b>416.0780</b> | <b>.4413996</b> | <b>.2175584</b> | <b>.3476836</b> | <b>6.122663</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8453616</b> | <b>52.46567</b> | <b>.5312921</b> | <b>.0925659</b> | <b>518.1563</b> | <b>.3381646</b> | <b>.3961265</b> |
| Stddev | .0095026        | .81495          | .0003481        | .0005581        | 5.9883          | .0061467        | .0028178        |
| %RSD   | 1.124089        | 1.553304        | .0655119        | .6029066        | 1.155703        | 1.817661        | .7113321        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.8485456</b> | <b>52.62376</b> | <b>.5316912</b> | <b>.0931783</b> | <b>516.6976</b> | <b>.3370161</b> | <b>.3980261</b> |
| #2 | <b>.8346759</b> | <b>51.58326</b> | <b>.5310510</b> | <b>.0920859</b> | <b>513.0320</b> | <b>.3448046</b> | <b>.3974645</b> |
| #3 | <b>.8528634</b> | <b>53.19000</b> | <b>.5311343</b> | <b>.0924336</b> | <b>524.7392</b> | <b>.3326732</b> | <b>.3928891</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>86.84152</b> | <b>6.693356</b> | <b>.7870981</b> | <b>.4857965</b> | <b>120.1935</b> | <b>17.05596</b> | <b>.6946021</b> |
| Stddev | .32829          | .021806         | .0068940        | .0024213        | .3256           | .16832          | .0020587        |
| %RSD   | .3780285        | .3257890        | .8758729        | .4984240        | .2708643        | .9868606        | .2963846        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>86.62901</b> | <b>6.669315</b> | <b>.7889664</b> | <b>.4853654</b> | <b>119.8244</b> | <b>17.14598</b> | <b>.6922263</b> |
| #2 | <b>86.67593</b> | <b>6.711860</b> | <b>.7794625</b> | <b>.4836197</b> | <b>120.4398</b> | <b>16.86177</b> | <b>.6957217</b> |
| #3 | <b>87.21963</b> | <b>6.698893</b> | <b>.7928653</b> | <b>.4884045</b> | <b>120.3164</b> | <b>17.16013</b> | <b>.6958584</b> |

Sample Name: K2038-01A      Acquired: 03/22/2019 23:07:40      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.2155154</b> | <b>.3565972</b> | <b>3.383030</b> |
| Stddev | .0023111        | .0020872        | .014264         |
| %RSD   | 1.072378        | .5853219        | .4216285        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.2181839</b> | <b>.3565515</b> | <b>3.368588</b> |
| #2 | <b>.2142012</b> | <b>.3545331</b> | <b>3.383392</b> |
| #3 | <b>.2141609</b> | <b>.3587069</b> | <b>3.397108</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2199.155</b> | <b>2531.245</b> | <b>50405.89</b> | <b>4882.573</b> | <b>3647.838</b> |
| Stddev    | 11.578          | 2.011           | 50.75           | 43.996          | 2.751           |
| %RSD      | .5264740        | .0794354        | .1006902        | .9010811        | .0754186        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2194.086</b> | <b>2529.832</b> | <b>50350.63</b> | <b>4848.794</b> | <b>3650.440</b> |
| #2 | <b>2190.976</b> | <b>2533.547</b> | <b>50450.42</b> | <b>4932.324</b> | <b>3648.114</b> |
| #3 | <b>2212.403</b> | <b>2530.357</b> | <b>50416.63</b> | <b>4866.600</b> | <b>3644.959</b> |

Sample Name: K1690-02      Acquired: 03/22/2019 23:11:20      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: HD-02-032019 Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0008792 | -.002338 | -.000067 | .0015372 | -.000176 | .0672171 | .1559609 |
| Stddev | .0026027 | .000742  | .000718  | .0029703 | .001231  | .0074780 | .0010268 |
| %RSD   | 296.0224 | 31.73906 | 1065.113 | 193.2266 | 701.4199 | 11.12520 | .6583970 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0038158 | -.001874 | .000759  | .0007932 | .000862  | .0585940 | .1548793 |
| #2 | -.000036 | -.003194 | -.000540 | .0048087 | .000147  | .0711375 | .1560809 |
| #3 | -.001142 | -.001946 | -.000422 | -.000990 | -.001536 | .0719196 | .1569224 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000028 | -.000130 | 95.92519 | .0014116 | .0073012 | .0073447 | .1375399 |
| Stddev | .0000326 | .000123  | .63877   | .0004318 | .0001725 | .0018721 | .0202057 |
| %RSD   | 1155.590 | 94.59158 | .6659033 | 30.58598 | 2.363275 | 25.48886 | 14.69079 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000289 | -.000272 | 95.27642 | .0018495 | .0071396 | .0058963 | .1509868 |
| #2 | -.000034 | -.000060 | 96.55346 | .0009862 | .0072809 | .0094586 | .1473289 |
| #3 | .000013  | -.000058 | 95.94570 | .0013992 | .0074829 | .0066792 | .1143042 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5621025 | 4.436387 | .0044979 | -.000456 | 306.1984 | -.008292 | .0201175 |
| Stddev | .0020689 | .125917  | .0006794 | .000097  | 1.5305   | .005461  | .0004605 |
| %RSD   | .3680650 | 2.838280 | 15.10503 | 21.18702 | .4998472 | 65.85657 | 2.289144 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5644902 | 4.307993 | .0052362 | -.000345 | 304.7115 | -.003762 | .0205247 |
| #2 | .5609760 | 4.559671 | .0043583 | -.000502 | 307.7691 | -.014355 | .0202101 |
| #3 | .5608413 | 4.441497 | .0038991 | -.000521 | 306.1146 | -.006758 | .0196178 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0712734 | .0055575 | .0058975 | -.000637 | .2243243 | .3457446 | -.004574 |
| Stddev | .0061630 | .0001256 | .0001271 | .000246  | .0027667 | .0020234 | .000623  |
| %RSD   | 8.646942 | 2.260936 | 2.155638 | 38.64721 | 1.233333 | .5852415 | 13.60902 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0641588 | .0056173 | .0058565 | -.000577 | .2271931 | .3480626 | -.005188 |
| #2 | .0749670 | .0056421 | .0057959 | -.000426 | .2241073 | .3443316 | -.003944 |
| #3 | .0746944 | .0054131 | .0060401 | -.000907 | .2216725 | .3448397 | -.004590 |

Sample Name: K1690-02      Acquired: 03/22/2019 23:11:20      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: HD-02-032019 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0004579</b> | <b>.0002668</b> | <b>.3489356</b> |
| Stddev | .0023234        | .0016251        | .0024141        |
| %RSD   | 507.4604        | 609.1829        | .6918440        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0029651</b> | <b>.0013342</b> | <b>.3461513</b> |
| #2 | <b>.0000311</b> | <b>-.001603</b> | <b>.3502128</b> |
| #3 | <b>-.001623</b> | <b>.001070</b>  | <b>.3504429</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2205.888</b> | <b>2573.443</b> | <b>50440.64</b> | <b>5034.990</b> | <b>3831.799</b> |
| Stddev    | 27.133          | 2.430           | 170.39          | 20.766          | .437            |
| %RSD      | 1.230044        | .0944103        | .3378110        | .4124323        | .0114066        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2187.125</b> | <b>2570.770</b> | <b>50254.07</b> | <b>5011.361</b> | <b>3831.424</b> |
| #2 | <b>2193.539</b> | <b>2575.516</b> | <b>50479.80</b> | <b>5043.269</b> | <b>3831.694</b> |
| #3 | <b>2236.999</b> | <b>2574.045</b> | <b>50588.04</b> | <b>5050.339</b> | <b>3832.279</b> |

Sample Name: K1690-02DUP      Acquired: 03/22/2019 23:15:13      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: HD-02-032019 Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000394 | -.001154 | .0004911 | .0020637 | .0018637 | .0789392 | .1623626 |
| Stddev | .0038004 | .001661  | .0019646 | .0003134 | .0016363 | .0081719 | .0006033 |
| %RSD   | 9648.658 | 143.9379 | 400.0124 | 15.18630 | 87.79588 | 10.35213 | .3715919 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001200 | .000020  | .0016988 | .0017437 | .0022239 | .0883670 | .1621308 |
| #2 | -.002987 | -.000427 | .0015504 | .0020773 | .0000774 | .0738820 | .1619095 |
| #3 | .004305  | -.003054 | -.001776 | .0023700 | .0032899 | .0745687 | .1630474 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000163 | -.000138 | 100.6676 | .0021435 | .0073509 | .0049876 | .1397447 |
| Stddev | .000054  | .000038  | .8321    | .0002532 | .0003463 | .0004133 | .0098690 |
| %RSD   | 33.18214 | 27.64315 | .8266153 | 11.81258 | 4.711303 | 8.285761 | 7.062162 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000212 | -.000111 | 100.6358 | .0024149 | .0071388 | .0049402 | .1497927 |
| #2 | -.000172 | -.000122 | 99.8518  | .0019137 | .0071633 | .0054226 | .1393762 |
| #3 | -.000105 | -.000182 | 101.5152 | .0021019 | .0077505 | .0046001 | .1300650 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5950101 | 4.674028 | .0039614 | -.000262 | 319.4959 | -.001223 | .0187375 |
| Stddev | .0046164 | .073832  | .0001850 | .000125  | .4672    | .005947  | .0002892 |
| %RSD   | .7758591 | 1.579619 | 4.669885 | 47.59113 | .1462322 | 486.4422 | 1.543627 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5939426 | 4.757918 | .0041631 | -.000188 | 319.5425 | .003727  | .0185289 |
| #2 | .5910209 | 4.645233 | .0037996 | -.000406 | 319.0071 | .000425  | .0186158 |
| #3 | .6000668 | 4.618931 | .0039215 | -.000192 | 319.9380 | -.007820 | .0190677 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6281785 | .0042271 | .0066377 | -.000464 | .2076799 | .3472905 | -.003476 |
| Stddev | .0302322 | .0018926 | .0009742 | .000182  | .0023846 | .0022300 | .001200  |
| %RSD   | 4.812680 | 44.77320 | 14.67638 | 39.21850 | 1.148217 | .6421006 | 34.51630 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6190942 | .0025007 | .0077454 | -.000403 | .2103119 | .3494318 | -.003014 |
| #2 | .6035300 | .0039297 | .0062536 | -.000668 | .2070646 | .3474584 | -.004838 |
| #3 | .6619113 | .0062507 | .0059142 | -.000320 | .2056632 | .3449813 | -.002575 |

Sample Name: K1690-02DUP      Acquired: 03/22/2019 23:15:13      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: HD-02-032019 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0019350</b> | <b>.0060742</b> | <b>.3641835</b> |
| Stddev | .0003530        | .0031304        | .0011414        |
| %RSD   | 18.24384        | 51.53650        | .3134018        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0018786</b> | <b>.0026521</b> | <b>.3628804</b> |
| #2 | <b>.0016136</b> | <b>.0067771</b> | <b>.3646644</b> |
| #3 | <b>.0023129</b> | <b>.0087934</b> | <b>.3650058</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2120.990</b> | <b>2492.184</b> | <b>49375.27</b> | <b>4876.702</b> | <b>3740.555</b> |
| Stddev    | 17.697          | 6.621           | 221.63          | 49.816          | 9.906           |
| %RSD      | .8343894        | .2656654        | .4488723        | 1.021507        | .2648282        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2101.664 | 2491.270 | 49120.68 | 4820.225 | 3741.433 |
| #2 | 2124.900 | 2499.214 | 49525.08 | 4895.484 | 3749.992 |
| #3 | 2136.405 | 2486.067 | 49480.06 | 4914.396 | 3730.238 |

Sample Name: K1690-02LX5      Acquired: 03/22/2019 23:19:04      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: ICSA8062      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000411</b> | <b>-.000400</b> | <b>-.000409</b> | <b>-.003013</b> | <b>.0007142</b> | <b>.0209460</b> | <b>.0370399</b> |
| Stddev | .000986         | .003014         | .001647         | .001013         | .0013160        | .0109821        | .0001540        |
| %RSD   | 239.9943        | 754.3998        | 402.3678        | 33.61119        | 184.2571        | 52.43044        | .4156763        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000284  | .002939  | .001201  | -.004016 | -.000803 | .0333808 | .0368853 |
| #2 | .000023  | -.002920 | -.000338 | -.003031 | .001399  | .0168821 | .0370412 |
| #3 | -.001539 | -.001217 | -.002091 | -.001991 | .001546  | .0125750 | .0371932 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000024</b> | <b>-.000076</b> | <b>20.55467</b> | <b>-.000003</b> | <b>.0010948</b> | <b>.0062272</b> | <b>.0472029</b> |
| Stddev | .000014         | .000025         | .12590          | .000337         | .0003851        | .0042532        | .0233564        |
| %RSD   | 60.25981        | 33.29887        | .6124926        | 12472.98        | 35.18065        | 68.30051        | 49.48080        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000021 | -.000106 | 20.50207 | -.000227 | .0008918 | .0102171 | .0223736 |
| #2 | -.000011 | -.000063 | 20.46360 | .000385  | .0008535 | .0067121 | .0687361 |
| #3 | -.000039 | -.000060 | 20.69833 | -.000166 | .0015389 | .0017523 | .0504990 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1201862</b> | <b>.9518361</b> | <b>.0009851</b> | <b>-.000349</b> | <b>64.08826</b> | <b>-.004623</b> | <b>.0041531</b> |
| Stddev | .0014045        | .0576260        | .0004433        | .000414         | .42171          | .003354         | .0001756        |
| %RSD   | 1.168566        | 6.054192        | 45.00202        | 118.5690        | .6580157        | 72.56593        | 4.226898        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1194902 | .8904139 | .0004737 | -.000627 | 63.86615 | -.008469 | .0043412 |
| #2 | .1218028 | .9603832 | .0012606 | .000127  | 63.82402 | -.002303 | .0039936 |
| #3 | .1192657 | 1.004711 | .0012212 | -.000548 | 64.57460 | -.003096 | .0041246 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0321970</b> | <b>.0027794</b> | <b>-.001309</b> | <b>-.000519</b> | <b>.0389420</b> | <b>.0768927</b> | <b>-.003075</b> |
| Stddev | .0699321        | .0009019        | .000571         | .000170         | .0025266        | .0011496        | .000810         |
| %RSD   | 217.2005        | 32.44918        | 43.60042        | 32.67423        | 6.488049        | 1.495071        | 26.32921        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1117947 | .0018323 | -.001585 | -.000382 | .0390312 | .0780631 | -.003632 |
| #2 | .0041740 | .0036280 | -.001690 | -.000467 | .0363720 | .0768498 | -.002146 |
| #3 | -.019377 | .0028780 | -.000653 | -.000709 | .0414228 | .0757652 | -.003446 |

Sample Name: K1690-02LX5      Acquired: 03/22/2019 23:19:04      Type: Unk  
 Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1: ICSA8062      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0011062</b> | <b>.0033912</b> | <b>.0737437</b> |
| Stddev | .0013683        | .0021039        | .0006013        |
| %RSD   | 123.6897        | 62.04081        | .8153261        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0024633</b> | <b>.0018255</b> | <b>.0734762</b> |
| #2 | <b>-.000273</b> | <b>.0025653</b> | <b>.0744323</b> |
| #3 | <b>.001128</b>  | <b>.0057827</b> | <b>.0733227</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2188.204</b> | <b>2663.690</b> | <b>50285.83</b> | <b>4914.908</b> | <b>4118.938</b> |
| Stddev    | 10.901          | 14.131          | 627.54          | 18.645          | 28.831          |
| %RSD      | .4981630        | .5305051        | 1.247952        | .3793624        | .6999517        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2181.641</b> | <b>2647.987</b> | <b>50259.92</b> | <b>4903.500</b> | <b>4087.181</b> |
| #2 | <b>2200.787</b> | <b>2675.381</b> | <b>50925.93</b> | <b>4936.425</b> | <b>4143.468</b> |
| #3 | <b>2182.183</b> | <b>2667.702</b> | <b>49671.65</b> | <b>4904.800</b> | <b>4126.164</b> |

Sample Name: K1690-02MS      Acquired: 03/22/2019 23:22:57      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: HD-02-032019 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7557516</b> | <b>1.843876</b> | <b>1.001726</b> | <b>1.626445</b> | <b>.7572418</b> | <b>2.176766</b> | <b>.3612600</b> |
| Stddev | .0051281        | .009844         | .000861         | .002538         | .0005847        | .018340         | .0016680        |
| %RSD   | .6785397        | .5339007        | .0860013        | .1560421        | .0772134        | .8425185        | .4617325        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7506921 | 1.834179 | 1.001379 | 1.628908 | .7577620 | 2.156369 | .3593340 |
| #2 | .7609456 | 1.853862 | 1.001092 | 1.626589 | .7573545 | 2.191897 | .3622402 |
| #3 | .7556170 | 1.843587 | 1.002707 | 1.623838 | .7566090 | 2.182031 | .3622058 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2047985</b> | <b>.1945494</b> | <b>102.5420</b> | <b>.4356438</b> | <b>.2120752</b> | <b>.3252188</b> | <b>3.503196</b> |
| Stddev | .0012492        | .0004318        | .4192           | .0022801        | .0007753        | .0020670        | .028676         |
| %RSD   | .6099540        | .2219668        | .4087947        | .5233931        | .3655530        | .6355740        | .8185612        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2058852 | .1942452 | 102.1580 | .4345215 | .2116766 | .3232430 | 3.498870 |
| #2 | .2050764 | .1943593 | 102.9892 | .4382676 | .2115805 | .3273663 | 3.533789 |
| #3 | .2034337 | .1950437 | 102.4788 | .4341424 | .2129687 | .3250469 | 3.476929 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8307656</b> | <b>6.847141</b> | <b>.4906661</b> | <b>.0842247</b> | <b>327.2361</b> | <b>.3188576</b> | <b>.2298278</b> |
| Stddev | .0016135        | .160852         | .0013893        | .0014449        | 2.1251          | .0078286        | .0009024        |
| %RSD   | .1942182        | 2.349190        | .2831404        | 1.715572        | .6494182        | 2.455216        | .3926415        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8314416 | 6.727125 | .4890845 | .0833022 | 325.6367 | .3215557 | .2288362 |
| #2 | .8319311 | 6.784386 | .4916892 | .0858899 | 329.6475 | .3100368 | .2306010 |
| #3 | .8289241 | 7.029911 | .4912246 | .0834819 | 326.4242 | .3249804 | .2300462 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>11.43074</b> | <b>5.711100</b> | <b>.3200092</b> | <b>.3959038</b> | <b>.1931640</b> | <b>1.378663</b> | <b>.6324034</b> |
| Stddev | .05493          | .016232         | .0039821        | .0015923        | .0009515        | .007578         | .0036417        |
| %RSD   | .4805035        | .2842232        | 1.244364        | .4021930        | .4925779        | .5496388        | .5758479        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.37543 | 5.692660 | .3240125 | .3961676 | .1922244 | 1.384377 | .6291245 |
| #2 | 11.43152 | 5.723229 | .3199663 | .3941961 | .1931409 | 1.381545 | .6363229 |
| #3 | 11.48527 | 5.717412 | .3160487 | .3973478 | .1941269 | 1.370068 | .6317630 |

Sample Name: K1690-02MS      Acquired: 03/22/2019 23:22:57      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: HD-02-032019 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.2090602</b> | <b>.2172393</b> | <b>.5769312</b> |
| Stddev | .0008703        | .0020623        | .0026134        |
| %RSD   | .4162838        | .9493101        | .4529785        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.2099414</b> | <b>.2150301</b> | <b>.5740838</b> |
| #2 | <b>.2090380</b> | <b>.2191136</b> | <b>.5792203</b> |
| #3 | <b>.2082013</b> | <b>.2175741</b> | <b>.5774896</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2174.654</b> | <b>2551.014</b> | <b>50406.90</b> | <b>4982.043</b> | <b>3822.925</b> |
| Stddev    | 29.551          | 2.358           | 600.14          | 27.219          | 10.582          |
| %RSD      | 1.358895        | .0924362        | 1.190582        | .5463462        | .2768012        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2199.870</b> | <b>2553.680</b> | <b>50651.06</b> | <b>4970.283</b> | <b>3830.364</b> |
| #2 | <b>2142.136</b> | <b>2549.201</b> | <b>49723.17</b> | <b>4962.680</b> | <b>3810.811</b> |
| #3 | <b>2181.954</b> | <b>2550.160</b> | <b>50846.47</b> | <b>5013.164</b> | <b>3827.601</b> |

Sample Name: K1690-02MSD      Acquired: 03/22/2019 23:26:41      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: HD-02-032019 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7548917</b> | <b>1.837203</b> | <b>.9970979</b> | <b>1.623102</b> | <b>.7542680</b> | <b>2.196321</b> | <b>.3592268</b> |
| Stddev | .0033531        | .007831         | .0036670        | .003253         | .0044646        | .003040         | .0006232        |
| %RSD   | .4441881        | .4262723        | .3677694        | .2004182        | .5919140        | .1384036        | .1734776        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7587636 | 1.829598 | .9929492 | 1.623796 | .7589021 | 2.198614 | .3585942 |
| #2 | .7529566 | 1.845243 | .9999060 | 1.625952 | .7499948 | 2.197477 | .3592461 |
| #3 | .7529549 | 1.836766 | .9984384 | 1.619558 | .7539072 | 2.192873 | .3598401 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2046805</b> | <b>.1936443</b> | <b>103.0419</b> | <b>.4321168</b> | <b>.2115447</b> | <b>.3250173</b> | <b>3.537221</b> |
| Stddev | .0003795        | .0005067        | 1.0860          | .0024839        | .0009660        | .0054966        | .041853         |
| %RSD   | .1854089        | .2616516        | 1.053955        | .5748179        | .4566627        | 1.691183        | 1.183208        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2051047 | .1930600 | 102.7446 | .4295686 | .2108222 | .3187402 | 3.493120 |
| #2 | .2045638 | .1939630 | 102.1354 | .4345309 | .2111699 | .3273427 | 3.542156 |
| #3 | .2043731 | .1939098 | 104.2455 | .4322509 | .2126420 | .3289690 | 3.576388 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8296973</b> | <b>6.904600</b> | <b>.4885219</b> | <b>.0832011</b> | <b>328.8086</b> | <b>.3220160</b> | <b>.2296396</b> |
| Stddev | .0160108        | .070755         | .0010599        | .0002693        | 2.1274          | .0084321        | .0014023        |
| %RSD   | 1.929720        | 1.024750        | .2169508        | .3236743        | .6470050        | 2.618525        | .6106675        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8265199 | 6.832321 | .4872991 | .0831677 | 327.9027 | .3232644 | .2288115 |
| #2 | .8155134 | 6.907754 | .4891779 | .0829501 | 327.2841 | .3130294 | .2288486 |
| #3 | .8470586 | 6.973725 | .4890886 | .0834856 | 331.2390 | .3297543 | .2312588 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>11.42818</b> | <b>5.706017</b> | <b>.3200994</b> | <b>.3952210</b> | <b>.1909307</b> | <b>1.382706</b> | <b>.6334163</b> |
| Stddev | .03656          | .012685         | .0010877        | .0014646        | .0012697        | .000848         | .0033932        |
| %RSD   | .3198757        | .2223051        | .3397869        | .3705814        | .6650201        | .0612969        | .5356912        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.42191 | 5.697027 | .3201940 | .3935374 | .1894763 | 1.382092 | .6299046 |
| #2 | 11.46747 | 5.700498 | .3211367 | .3962008 | .1918183 | 1.382354 | .6366770 |
| #3 | 11.39517 | 5.720527 | .3189676 | .3959249 | .1914976 | 1.383673 | .6336671 |

Sample Name: K1690-02MSD      Acquired: 03/22/2019 23:26:41      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: HD-02-032019 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.2074029</b> | <b>.2137073</b> | <b>.5726384</b> |
| Stddev | .0006742        | .0028010        | .0021812        |
| %RSD   | .3250719        | 1.310676        | .3809046        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.2072621</b> | <b>.2128456</b> | <b>.5701674</b> |
| #2 | <b>.2081364</b> | <b>.2114384</b> | <b>.5734517</b> |
| #3 | <b>.2068102</b> | <b>.2168379</b> | <b>.5742961</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2186.086</b> | <b>2555.674</b> | <b>50901.17</b> | <b>4969.175</b> | <b>3831.539</b> |
| Stddev    | 17.165          | 5.369           | 303.21          | 34.770          | 8.175           |
| %RSD      | .7852073        | .2100999        | .5956754        | .6997197        | .2133572        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2173.012 | 2561.871 | 50552.07 | 4930.040 | 3840.470 |
| #2 | 2205.525 | 2552.401 | 51098.82 | 4996.508 | 3829.720 |
| #3 | 2179.722 | 2552.750 | 51052.60 | 4980.978 | 3824.426 |

Sample Name: CCV09      Acquired: 03/22/2019 23:30:25      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CCV14739      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.946052 | 4.850888 | 5.164231 | 4.724919 | 4.932726 | 10.49985 |
| Stddev | .019449  | .007914  | .008998  | .002333  | .013807  | .01432   |
| %RSD   | .3932187 | .1631427 | .1742375 | .0493813 | .2799054 | .1364119 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.933921 | 4.843546 | 5.159074 | 4.722955 | 4.921112 | 10.48555 |
| #2 | 4.935750 | 4.849848 | 5.158998 | 4.727498 | 4.929074 | 10.51420 |
| #3 | 4.968485 | 4.859271 | 5.174621 | 4.724304 | 4.947992 | 10.49980 |

|        |          |            |          |            |          |          |
|--------|----------|------------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348     | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm        | ppm      | ppm        | ppm      | ppm      |
| Avg    | 9.798293 | F 2.798513 | 2.501996 | F 28.80678 | 1.098914 | 2.549697 |
| Stddev | .032472  | .0027193   | .006948  | .02976     | .001794  | .006741  |
| %RSD   | .3314026 | .9716906   | .2776952 | .1033228   | .1632220 | .2643998 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.789526 | .2818385 | 2.494667 | 28.80771 | 1.096871 | 2.542753 |
| #2 | 9.771105 | .2767523 | 2.502836 | 28.77657 | 1.099638 | 2.550120 |
| #3 | 9.834249 | .2809632 | 2.508486 | 28.83608 | 1.100232 | 2.556216 |

|        |          |            |            |            |          |            |
|--------|----------|------------|------------|------------|----------|------------|
| Elem   | Cu3247   | Fe2598     | Mn2576     | Mg2790     | Ni2316   | Ag3280     |
| Units  | ppm      | ppm        | ppm        | ppm        | ppm      | ppm        |
| Avg    | 1.328689 | F 5.643611 | F 2.915754 | F 28.39098 | 2.443763 | F 1.437146 |
| Stddev | .006642  | .053325    | .010034    | .07508     | .006848  | .006514    |
| %RSD   | .4998635 | .9448793   | .3441352   | .2644655   | .2802349 | .4532846   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.324461 | 5.585036 | 2.917443 | 28.47654 | 2.436783 | 1.429625 |
| #2 | 1.325263 | 5.689340 | 2.904982 | 28.33608 | 2.444035 | 1.441032 |
| #3 | 1.336344 | 5.656456 | 2.924835 | 28.36030 | 2.450472 | 1.440780 |

|        |          |          |            |          |          |            |
|--------|----------|----------|------------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138     | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm        |
| Avg    | 27.24332 | 2.692467 | F 2.755662 | 26.34740 | 4.885230 | F 5.997385 |
| Stddev | .47315   | .021263  | .010681    | .10642   | .023607  | .038139    |
| %RSD   | 1.736773 | .7897322 | .3875893   | .4039291 | .4832273 | .6359273   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 27.68183 | 2.694085 | 2.764939 | 26.28296 | 4.857978 | 6.030747 |
| #2 | 26.74183 | 2.670441 | 2.758061 | 26.47024 | 4.898330 | 5.955808 |
| #3 | 27.30632 | 2.712875 | 2.743986 | 26.28900 | 4.899382 | 6.005601 |

Sample Name: CCV09      Acquired: 03/22/2019 23:30:25      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CCV14739      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 5.037225 | 4.570097 | F 5.738826 | 4.664085 | 5.464957 | 5.112909 |
| Stddev | .014378  | .024531  | .040413    | .023708  | .010530  | .018310  |
| %RSD   | .2854262 | .5367628 | .7042005   | .5083155 | .1926748 | .3581181 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.024894 | 4.542025 | 5.769940 | 4.637210 | 5.453021 | 5.093551 |
| #2 | 5.033764 | 4.580854 | 5.693150 | 4.673008 | 5.472928 | 5.129952 |
| #3 | 5.053017 | 4.587411 | 5.753387 | 4.682037 | 5.468922 | 5.115224 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 5.250977 |
| Stddev | .011541  |
| %RSD   | .2197830 |

|    |          |
|----|----------|
| #1 | 5.243787 |
| #2 | 5.244855 |
| #3 | 5.264288 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2218.765 | 2624.652 | 50720.49 | 4903.319 | 4005.634 |
| Stddev    | 31.671   | 6.055    | 373.26   | 42.105   | 4.007    |
| %RSD      | 1.427397 | .2307100 | .7359241 | .8587110 | .1000279 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2203.567 | 2618.607 | 50753.81 | 4857.143 | 4001.158 |
| #2 | 2197.557 | 2630.718 | 50331.68 | 4913.227 | 4008.887 |
| #3 | 2255.170 | 2624.632 | 51075.97 | 4939.586 | 4006.855 |

Sample Name: CCB09      Acquired: 03/22/2019 23:33:57      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CCB14739      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0021124 | -.000894 | .0001156 | .0015827 | .0019180 | -.006782 | .0043624 |
| Stddev | .0027277 | .000921  | .0012754 | .0015354 | .0010568 | .009898  | .0008306 |
| %RSD   | 129.1256 | 103.0595 | 1103.407 | 97.00981 | 55.09902 | 145.9420 | 19.04016 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0006746 | -.000330 | -.001105 | .0024855 | .0020936 | -.013392 | .0036667 |
| #2 | .0004044 | -.001957 | .000013  | .0024526 | .0028760 | .004597  | .0041385 |
| #3 | .0052583 | -.000395 | .001439  | -.000190 | .0007844 | -.011551 | .0052820 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000017 | -.000032 | .0037359 | .0001428 | -.000037 | -.004112 | .0445751 |
| Stddev | .000048  | .000051  | .0174397 | .0002045 | .000195  | .002842  | .0085785 |
| %RSD   | 275.8683 | 156.5499 | 466.8080 | 143.2390 | 531.4158 | 69.12022 | 19.24514 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000043 | .000026  | -.005505 | .0001042 | .000102  | -.001803 | .0430361 |
| #2 | .000038  | -.000068 | .023851  | .0003638 | -.000260 | -.003247 | .0538190 |
| #3 | -.000047 | -.000055 | -.007139 | -.000040 | .000047  | -.007287 | .0368702 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002658 | .0037078 | .0002899 | -.000405 | -.338251 | -.001821 | -.000054 |
| Stddev | .000631  | .0163186 | .0002444 | .000148  | .316964  | .003316  | .000328  |
| %RSD   | 23.73174 | 440.1127 | 84.31939 | 36.60298 | 93.70686 | 182.0679 | 604.8780 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001932 | .0078493 | .0003458 | -.000563 | -.486313 | -.003119 | .000192  |
| #2 | -.002977 | -.014282 | .0000223 | -.000270 | .025650  | -.004292 | .000073  |
| #3 | -.003067 | .017557  | .0005015 | -.000381 | -.554089 | .001947  | -.000427 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.220491 | -.000890 | .0065693 | -.000188 | -.000891 | .0076380 | -.001247 |
| Stddev | .069350  | .001597  | .0008982 | .000132  | .004390  | .0015049 | .001186  |
| %RSD   | 31.45250 | 179.4742 | 13.67300 | 70.37779 | 492.8381 | 19.70218 | 95.08232 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.247846 | -.002659 | .0074277 | -.000341 | .001974  | .0071587 | .000101  |
| #2 | -.271993 | -.000455 | .0056359 | -.000117 | .001298  | .0093241 | -.002129 |
| #3 | -.141636 | .000445  | .0066443 | -.000107 | -.005945 | .0064312 | -.001713 |

Sample Name: CCB09      Acquired: 03/22/2019 23:33:57      Type: Unk  
 Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1: CCB14739      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0023508 | .0008960 | .0001516 |
| Stddev | .0009926 | .0013224 | .0001007 |
| %RSD   | 42.22482 | 147.5886 | 66.45153 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0018471 | -.000268 | .0002300 |
| #2 | .0017111 | .002334  | .0001868 |
| #3 | .0034943 | .000622  | .0000380 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2242.458 | 2687.295 | 50869.17 | 4988.158 | 4158.664 |
| Stddev    | 5.680    | 13.587   | 149.12   | 33.617   | 25.175   |
| %RSD      | .2532769 | .5056162 | .2931378 | .6739356 | .6053729 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2245.529 | 2684.090 | 51023.81 | 4951.725 | 4160.440 |
| #2 | 2235.904 | 2702.199 | 50726.27 | 5017.975 | 4182.904 |
| #3 | 2245.940 | 2675.597 | 50857.44 | 4994.775 | 4132.648 |

Sample Name: K1690-02A      Acquired: 03/22/2019 23:37:51      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: ICSAB8062      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7483258</b> | <b>1.830667</b> | <b>.9930780</b> | <b>1.616325</b> | <b>.7519454</b> | <b>2.160824</b> | <b>.3577175</b> |
| Stddev | .0100003        | .007907         | .0018158        | .008128         | .0024139        | .020512         | .0016185        |
| %RSD   | 1.336357        | .4319341        | .1828480        | .5028754        | .3210204        | .9492787        | .4524390        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7592140 | 1.827235 | .9920253 | 1.620018 | .7508440 | 2.154483 | .3564015 |
| #2 | .7395512 | 1.825055 | .9920340 | 1.607006 | .7547135 | 2.144232 | .3572264 |
| #3 | .7462123 | 1.839710 | .9951747 | 1.621951 | .7502786 | 2.183759 | .3595246 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2039273</b> | <b>.1933768</b> | <b>102.6840</b> | <b>.4286176</b> | <b>.2109647</b> | <b>.3176328</b> | <b>3.507510</b> |
| Stddev | .0012349        | .0002901        | 1.4045          | .0028202        | .0003212        | .0035589        | .060938         |
| %RSD   | .6055676        | .1500343        | 1.367746        | .6579786        | .1522480        | 1.120451        | 1.737346        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2032460 | .1936247 | 101.2176 | .4254078 | .2112874 | .3154108 | 3.507008 |
| #2 | .2053528 | .1930577 | 104.0170 | .4297463 | .2106451 | .3217376 | 3.568697 |
| #3 | .2031831 | .1934479 | 102.8173 | .4306986 | .2109617 | .3157501 | 3.446825 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8254744</b> | <b>6.935472</b> | <b>.4876378</b> | <b>.0839265</b> | <b>326.6961</b> | <b>.3202824</b> | <b>.2286506</b> |
| Stddev | .0138533        | .104364         | .0008786        | .0009857        | 3.1621          | .0153493        | .0016515        |
| %RSD   | 1.678223        | 1.504781        | .1801699        | 1.174508        | .9679075        | 4.792412        | .7222950        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8104109 | 6.866219 | .4878855 | .0829653 | 323.5619 | .3077875 | .2289635 |
| #2 | .8376680 | 7.055508 | .4883659 | .0838790 | 329.8854 | .3156439 | .2268650 |
| #3 | .8283442 | 6.884688 | .4866619 | .0849350 | 326.6411 | .3374160 | .2301233 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>11.27095</b> | <b>5.679380</b> | <b>.3245906</b> | <b>.3944755</b> | <b>.1913518</b> | <b>1.374159</b> | <b>.6318890</b> |
| Stddev | .01083          | .017424         | .0034878        | .0015913        | .0066978        | .010354         | .0026240        |
| %RSD   | .0961276        | .3067890        | 1.074531        | .4034055        | 3.500249        | .7534709        | .4152651        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.27615 | 5.681796 | .3205653 | .3954410 | .1989651 | 1.366745 | .6301578 |
| #2 | 11.25850 | 5.660874 | .3267163 | .3926388 | .1863670 | 1.385988 | .6306011 |
| #3 | 11.27821 | 5.695469 | .3264901 | .3953467 | .1887232 | 1.369743 | .6349081 |

Sample Name: K1690-02A      Acquired: 03/22/2019 23:37:51      Type: Unk  
 Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1: ICSAB8062      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.2063666</b> | <b>.2103874</b> | <b>.5692660</b> |
| Stddev | .0013601        | .0029011        | .0004440        |
| %RSD   | .6590550        | 1.378955        | .0780003        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.2048186</b> | <b>.2070396</b> | <b>.5691596</b> |
| #2 | <b>.2073701</b> | <b>.2121644</b> | <b>.5688848</b> |
| #3 | <b>.2069111</b> | <b>.2119583</b> | <b>.5697535</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2186.865</b> | <b>2580.091</b> | <b>51016.82</b> | <b>5003.136</b> | <b>3863.342</b> |
| Stddev    | 8.296           | 6.909           | 222.64          | 32.735          | 12.476          |
| %RSD      | .3793732        | .2677852        | .4363990        | .6542806        | .3229371        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2178.026 | 2572.154 | 51211.80 | 5013.589 | 3850.051 |
| #2 | 2188.085 | 2583.363 | 50774.23 | 4966.452 | 3865.174 |
| #3 | 2194.483 | 2584.756 | 51064.44 | 5029.368 | 3874.801 |

Sample Name: K1694-02      Acquired: 03/22/2019 23:41:34      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: EO-02-032019 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001634</b> | <b>.0007931</b> | <b>.0054966</b> | <b>.0020205</b> | <b>.0024900</b> | <b>.1223907</b> | <b>.0875611</b> |
| Stddev | .001464         | .0028613        | .0006577        | .0012141        | .0010820        | .0145776        | .0011361        |
| %RSD   | 89.53964        | 360.7577        | 11.96573        | 60.08816        | 43.45558        | 11.91076        | 1.297511        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002326</b> | <b>-.001932</b> | <b>.0048660</b> | <b>.0027729</b> | <b>.0037138</b> | <b>.1389090</b> | <b>.0872617</b> |
| #2 | <b>-.002624</b> | <b>.003774</b>  | <b>.0061785</b> | <b>.0006199</b> | <b>.0016601</b> | <b>.1113268</b> | <b>.0866046</b> |
| #3 | <b>.000047</b>  | <b>.000537</b>  | <b>.0054454</b> | <b>.0026688</b> | <b>.0020961</b> | <b>.1169362</b> | <b>.0888169</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000108</b> | <b>-.000044</b> | <b>22.15322</b> | <b>.0012137</b> | <b>.0043407</b> | <b>.0108341</b> | <b>.5988873</b> |
| Stddev | .000077         | .000053         | .26691          | .0005432        | .0002792        | .0020453        | .0261892        |
| %RSD   | 71.06171        | 121.4128        | 1.204849        | 44.75351        | 6.431547        | 18.87843        | 4.372969        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000186</b> | <b>-.000078</b> | <b>22.24742</b> | <b>.0014423</b> | <b>.0040278</b> | <b>.0127405</b> | <b>.6289751</b> |
| #2 | <b>-.000032</b> | <b>-.000070</b> | <b>21.85198</b> | <b>.0005936</b> | <b>.0045642</b> | <b>.0110880</b> | <b>.5812141</b> |
| #3 | <b>-.000107</b> | <b>.000017</b>  | <b>22.36026</b> | <b>.0016053</b> | <b>.0044301</b> | <b>.0086736</b> | <b>.5864726</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.6911755</b> | <b>3.391958</b> | <b>.0043713</b> | <b>-.000641</b> | <b>322.0224</b> | <b>-.003676</b> | <b>.0422548</b> |
| Stddev | .0067913        | .119306         | .0005489        | .000304         | 2.5713          | .002431         | .0002113        |
| %RSD   | .9825717        | 3.517318        | 12.55826        | 47.44161        | .7984740        | 66.14132        | .5000352        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.6924281</b> | <b>3.424805</b> | <b>.0043922</b> | <b>-.000352</b> | <b>322.7164</b> | <b>-.005240</b> | <b>.0420208</b> |
| #2 | <b>.6838450</b> | <b>3.259669</b> | <b>.0038121</b> | <b>-.000612</b> | <b>319.1754</b> | <b>-.000875</b> | <b>.0423116</b> |
| #3 | <b>.6972532</b> | <b>3.491399</b> | <b>.0049094</b> | <b>-.000958</b> | <b>324.1755</b> | <b>-.004912</b> | <b>.0424318</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0832310</b> | <b>.0067203</b> | <b>.0068039</b> | <b>-.000503</b> | <b>.3048826</b> | <b>.7744832</b> | <b>-.002549</b> |
| Stddev | .0854842        | .0022039        | .0004941        | .000160         | .0040183        | .0094545        | .000510         |
| %RSD   | 102.7072        | 32.79433        | 7.261652        | 31.77195        | 1.317994        | 1.220747        | 19.99770        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0783399</b> | <b>.0092613</b> | <b>.0073641</b> | <b>-.000440</b> | <b>.3095121</b> | <b>.7811447</b> | <b>-.002005</b> |
| #2 | <b>.0002973</b> | <b>.0055714</b> | <b>.0064302</b> | <b>-.000684</b> | <b>.3028375</b> | <b>.7636621</b> | <b>-.003015</b> |
| #3 | <b>.1710558</b> | <b>.0053283</b> | <b>.0066175</b> | <b>-.000384</b> | <b>.3022982</b> | <b>.7786428</b> | <b>-.002629</b> |

Sample Name: K1694-02      Acquired: 03/22/2019 23:41:34      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: EO-02-032019 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0035707</b> | <b>.0033790</b> | <b>.0700984</b> |
| Stddev | .0010079        | .0018261        | .0003035        |
| %RSD   | 28.22685        | 54.04177        | .4330399        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0044600</b> | <b>.0015130</b> | <b>.0697768</b> |
| #2 | <b>.0037762</b> | <b>.0034618</b> | <b>.0703799</b> |
| #3 | <b>.0024759</b> | <b>.0051623</b> | <b>.0701385</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2222.183</b> | <b>2601.130</b> | <b>51426.41</b> | <b>5058.975</b> | <b>3920.348</b> |
| Stddev    | 8.778           | 3.831           | 256.64          | 53.384          | 5.470           |
| %RSD      | .3950298        | .1472782        | .4990417        | 1.055240        | .1395318        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2231.972 | 2599.917 | 51722.43 | 5029.450 | 3922.898 |
| #2 | 2219.566 | 2598.052 | 51290.23 | 5120.600 | 3914.069 |
| #3 | 2215.010 | 2605.420 | 51266.56 | 5026.875 | 3924.077 |

Sample Name: K1694-04      Acquired: 03/22/2019 23:45:26      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: EO-02-032019 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.002553</b> | <b>.0003992</b> | <b>.0189542</b> | <b>-.000229</b> | <b>.0011067</b> | <b>.1527126</b> | <b>.1171104</b> |
| Stddev | .003303         | .0014123        | .0002290        | .001169         | .0026839        | .0017610        | .0007186        |
| %RSD   | 129.3649        | 353.8273        | 1.208236        | 510.7807        | 242.5148        | 1.153119        | .6136120        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001222</b> | <b>.0012025</b> | <b>.0186898</b> | <b>-.001543</b> | <b>.0005664</b> | <b>.1518940</b> | <b>.1163235</b> |
| #2 | <b>-.000124</b> | <b>-.001232</b> | <b>.0190905</b> | <b>.000694</b>  | <b>.0040197</b> | <b>.1547338</b> | <b>.1172761</b> |
| #3 | <b>-.006313</b> | <b>.001227</b>  | <b>.0190823</b> | <b>.000163</b>  | <b>-.001266</b> | <b>.1515100</b> | <b>.1177317</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000056</b> | <b>.0000279</b> | <b>17.41748</b> | <b>.0020186</b> | <b>.0035039</b> | <b>.0106143</b> | <b>.5118844</b> |
| Stddev | .000114         | .0000681        | .11204          | .0005852        | .0002260        | .0005561        | .0455865        |
| %RSD   | 203.4126        | 243.7773        | .6432440        | 28.99100        | 6.450439        | 5.239327        | 8.905620        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000006</b> | <b>-.000032</b> | <b>17.33865</b> | <b>.0026863</b> | <b>.0032538</b> | <b>.0107924</b> | <b>.5098515</b> |
| #2 | <b>.000024</b>  | <b>.000102</b>  | <b>17.36805</b> | <b>.0015944</b> | <b>.0035644</b> | <b>.0099909</b> | <b>.5584533</b> |
| #3 | <b>-.000187</b> | <b>.000014</b>  | <b>17.54573</b> | <b>.0017753</b> | <b>.0036936</b> | <b>.0110595</b> | <b>.4673484</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.5928670</b> | <b>1.332704</b> | <b>.0046098</b> | <b>-.000389</b> | <b>380.0993</b> | <b>-.003750</b> | <b>.0378721</b> |
| Stddev | .0046981        | .028747         | .0002782        | .000266         | 1.8498          | .004651         | .0003049        |
| %RSD   | .7924363        | 2.157061        | 6.035047        | 68.30355        | .4866578        | 124.0256        | .8049497        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.5909607</b> | <b>1.364436</b> | <b>.0049098</b> | <b>-.000634</b> | <b>379.4409</b> | <b>.001611</b>  | <b>.0375226</b> |
| #2 | <b>.5894215</b> | <b>1.325276</b> | <b>.0045592</b> | <b>-.000107</b> | <b>378.6688</b> | <b>-.006157</b> | <b>.0380828</b> |
| #3 | <b>.5982186</b> | <b>1.308400</b> | <b>.0043603</b> | <b>-.000425</b> | <b>382.1882</b> | <b>-.006704</b> | <b>.0380110</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3053758</b> | <b>.0059304</b> | <b>.0090994</b> | <b>-.000416</b> | <b>.2138305</b> | <b>.9968776</b> | <b>-.001331</b> |
| Stddev | .0653293        | .0023454        | .0011371        | .000044         | .0025388        | .0063679        | .000915         |
| %RSD   | 21.39307        | 39.54932        | 12.49620        | 10.66397        | 1.187302        | .6387892        | 68.76291        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.2302499</b> | <b>.0041347</b> | <b>.0103899</b> | <b>-.000467</b> | <b>.2155449</b> | <b>.9956817</b> | <b>-.000379</b> |
| #2 | <b>.3488538</b> | <b>.0085840</b> | <b>.0086640</b> | <b>-.000384</b> | <b>.2150327</b> | <b>.9911924</b> | <b>-.002205</b> |
| #3 | <b>.3370237</b> | <b>.0050725</b> | <b>.0082444</b> | <b>-.000398</b> | <b>.2109139</b> | <b>1.003759</b> | <b>-.001409</b> |

Sample Name: K1694-04      Acquired: 03/22/2019 23:45:26      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: EO-02-032019 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0051780</b> | <b>.0046725</b> | <b>.0675074</b> |
| Stddev | .0015768        | .0013346        | .0004682        |
| %RSD   | 30.45238        | 28.56305        | .6935519        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0034443</b> | <b>.0031318</b> | <b>.0674335</b> |
| #2 | <b>.0065265</b> | <b>.0054123</b> | <b>.0680081</b> |
| #3 | <b>.0055633</b> | <b>.0054734</b> | <b>.0670805</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2199.662</b> | <b>2593.899</b> | <b>50827.67</b> | <b>5002.866</b> | <b>3900.658</b> |
| Stddev    | 15.139          | 6.050           | 317.90          | 12.877          | 12.568          |
| %RSD      | .6882523        | .2332557        | .6254427        | .2574009        | .3222017        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2194.472</b> | <b>2594.991</b> | <b>50805.13</b> | <b>4991.763</b> | <b>3902.588</b> |
| #2 | <b>2187.800</b> | <b>2599.329</b> | <b>50521.64</b> | <b>5016.983</b> | <b>3912.150</b> |
| #3 | <b>2216.713</b> | <b>2587.377</b> | <b>51156.24</b> | <b>4999.850</b> | <b>3887.237</b> |

Sample Name: K1694-06      Acquired: 03/22/2019 23:49:19      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: EO-02-032019 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001256</b> | <b>-.000704</b> | <b>.0205044</b> | <b>.0000637</b> | <b>.0006572</b> | <b>.1070554</b> | <b>.0981190</b> |
| Stddev | .003557         | .001512         | .0019388        | .0009583        | .0008035        | .0091873        | .0010673        |
| %RSD   | 283.1329        | 214.9226        | 9.455502        | 1504.459        | 122.2683        | 8.581813        | 1.087713        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.005310</b> | <b>-.002383</b> | <b>.0224730</b> | <b>.0011621</b> | <b>.0012926</b> | <b>.1031432</b> | <b>.0968885</b> |
| #2 | <b>.001340</b>  | <b>.000552</b>  | <b>.0204435</b> | <b>-.000602</b> | <b>.0009249</b> | <b>.1175513</b> | <b>.0986763</b> |
| #3 | <b>.000202</b>  | <b>-.000280</b> | <b>.0185968</b> | <b>-.000369</b> | <b>-.000246</b> | <b>.1004717</b> | <b>.0987923</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000198</b> | <b>.0000200</b> | <b>17.65654</b> | <b>.0013633</b> | <b>.0027966</b> | <b>.0102988</b> | <b>1.282727</b> |
| Stddev | .000050         | .0000554        | .10695          | .0004371        | .0002643        | .0033245        | .051395         |
| %RSD   | 25.30008        | 276.9167        | .6057430        | 32.06010        | 9.450780        | 32.28070        | 4.006721        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000256</b> | <b>.0000831</b> | <b>17.53980</b> | <b>.0018527</b> | <b>.0026439</b> | <b>.0086370</b> | <b>1.268136</b> |
| #2 | <b>-.000166</b> | <b>-.000020</b> | <b>17.67999</b> | <b>.0012255</b> | <b>.0031018</b> | <b>.0081328</b> | <b>1.339840</b> |
| #3 | <b>-.000172</b> | <b>-.000003</b> | <b>17.74982</b> | <b>.0010118</b> | <b>.0026441</b> | <b>.0141265</b> | <b>1.240204</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8179968</b> | <b>1.059544</b> | <b>.0037263</b> | <b>-.000808</b> | <b>333.7804</b> | <b>.0020426</b> | <b>.0536243</b> |
| Stddev | .0076241        | .039637         | .0002852        | .000318         | 2.2816          | .0061405        | .0006627        |
| %RSD   | .9320469        | 3.740914        | 7.653934        | 39.30689        | .6835546        | 300.6307        | 1.235774        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.8094974</b> | <b>1.104851</b> | <b>.0040203</b> | <b>-.000888</b> | <b>332.9080</b> | <b>-.003458</b> | <b>.0532136</b> |
| #2 | <b>.8202596</b> | <b>1.042501</b> | <b>.0037080</b> | <b>-.001078</b> | <b>332.0637</b> | <b>.008668</b>  | <b>.0532706</b> |
| #3 | <b>.8242333</b> | <b>1.031279</b> | <b>.0034507</b> | <b>-.000458</b> | <b>336.3694</b> | <b>.000918</b>  | <b>.0543888</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2776035</b> | <b>.0080959</b> | <b>.0077235</b> | <b>-.000548</b> | <b>.1855288</b> | <b>.7466234</b> | <b>-.002318</b> |
| Stddev | .0089283        | .0007575        | .0008446        | .000132         | .0041464        | .0018312        | .000723         |
| %RSD   | 3.216218        | 9.356174        | 10.93546        | 24.02116        | 2.234908        | .2452627        | 31.18193        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.2740658</b> | <b>.0089504</b> | <b>.0086976</b> | <b>-.000534</b> | <b>.1863473</b> | <b>.7453517</b> | <b>-.002077</b> |
| #2 | <b>.2709862</b> | <b>.0078305</b> | <b>.0072775</b> | <b>-.000424</b> | <b>.1892049</b> | <b>.7457963</b> | <b>-.003130</b> |
| #3 | <b>.2877586</b> | <b>.0075069</b> | <b>.0071955</b> | <b>-.000685</b> | <b>.1810342</b> | <b>.7487222</b> | <b>-.001746</b> |

Sample Name: K1694-06      Acquired: 03/22/2019 23:49:19      Type: Unk  
 Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1: EO-02-032019 Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0026970 | .0029407 | .0869192 |
| Stddev | .0005278 | .0005392 | .0003427 |
| %RSD   | 19.57207 | 18.33476 | .3942887 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0030066 | .0034635 | .0865243 |
| #2 | .0020875 | .0029722 | .0871386 |
| #3 | .0029968 | .0023865 | .0870948 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2224.450 | 2632.073 | 51740.43 | 5038.250 | 3978.901 |
| Stddev    | 26.800   | 10.678   | 420.34   | 36.829   | 24.361   |
| %RSD      | 1.204799 | .4056897 | .8124023 | .7309810 | .6122447 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2200.185 | 2619.745 | 51341.02 | 5019.575 | 3950.971 |
| #2 | 2253.215 | 2638.427 | 52178.96 | 5080.675 | 3989.974 |
| #3 | 2219.950 | 2638.046 | 51701.32 | 5014.500 | 3995.759 |

Sample Name: K2003-02      Acquired: 03/22/2019 23:53:11      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: S4A(5-30)COM Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0029942 | -.000572 | .0022174 | .0011484 | .0007324 | .0661664 | .1192560 |
| Stddev | .0016594 | .001802  | .0009185 | .0014065 | .0003692 | .0051771 | .0017785 |
| %RSD   | 55.42014 | 315.0524 | 41.42345 | 122.4725 | 50.41655 | 7.824409 | 1.491357 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0046884 | -.002594 | .0024385 | .0027591 | .0009565 | .0718700 | .1173477 |
| #2 | .0013720 | .000862  | .0012085 | .0005235 | .0003062 | .0648650 | .1208674 |
| #3 | .0029221 | .000016  | .0030051 | .0001627 | .0009344 | .0617641 | .1195530 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000117 | .0012822 | 4.374973 | .0045205 | .0036462 | .0121024 | .0643587 |
| Stddev | .000025  | .0000751 | .067845  | .0002867 | .0001291 | .0024678 | .0114371 |
| %RSD   | 20.96842 | 5.859663 | 1.550756 | 6.342013 | 3.540104 | 20.39103 | 17.77082 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000110 | .0012695 | 4.296883 | .0042189 | .0034980 | .0097781 | .0574482 |
| #2 | -.000144 | .0012142 | 4.408593 | .0045531 | .0037340 | .0118368 | .0775602 |
| #3 | -.000097 | .0013629 | 4.419444 | .0047894 | .0037067 | .0146922 | .0580676 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5694987 | .8048370 | .0110839 | -.000256 | 324.8081 | -.000437 | .0270973 |
| Stddev | .0060728 | .0514017 | .0001418 | .000148  | 3.0063   | .006394  | .0005061 |
| %RSD   | 1.066339 | 6.386595 | 1.279066 | 57.77264 | .9255467 | 1462.316 | 1.867876 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5624882 | .8409088 | .0112153 | -.000193 | 321.3533 | -.000807 | .0275978 |
| #2 | .5731387 | .8276208 | .0109337 | -.000150 | 326.2431 | .006134  | .0271086 |
| #3 | .5728692 | .7459814 | .0111028 | -.000425 | 326.8280 | -.006638 | .0265856 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4820534 | -.000425 | .0056299 | -.000211 | .1083899 | .3665026 | -.002033 |
| Stddev | .0683651 | .001045  | .0008573 | .000029  | .0016225 | .0037826 | .000716  |
| %RSD   | 14.18205 | 245.7252 | 15.22791 | 13.47557 | 1.496956 | 1.032069 | 35.23742 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4245792 | .000520  | .0059786 | -.000196 | .1067492 | .3621940 | -.002521 |
| #2 | .4639255 | -.000248 | .0062578 | -.000194 | .1099936 | .3680368 | -.002368 |
| #3 | .5576554 | -.001547 | .0046531 | -.000244 | .1084268 | .3692770 | -.001211 |

Sample Name: K2003-02      Acquired: 03/22/2019 23:53:11      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: S4A(5-30)COM Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0031853</b> | <b>.0030391</b> | <b>.0261169</b> |
| Stddev | .0011958        | .0011894        | .0001364        |
| %RSD   | 37.53986        | 39.13771        | .5223367        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0034985</b> | <b>.0025036</b> | <b>.0259841</b> |
| #2 | <b>.0041932</b> | <b>.0022116</b> | <b>.0261100</b> |
| #3 | <b>.0018641</b> | <b>.0044021</b> | <b>.0262567</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2221.358</b> | <b>2609.387</b> | <b>51160.78</b> | <b>5070.117</b> | <b>3953.229</b> |
| Stddev    | 6.700           | 4.189           | 93.88           | 10.006          | 8.651           |
| %RSD      | .3016024        | .1605538        | .1835044        | .1973612        | .2188355        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2221.405 | 2605.114 | 51184.21 | 5078.050 | 3950.441 |
| #2 | 2228.034 | 2613.487 | 51240.74 | 5058.875 | 3962.930 |
| #3 | 2214.634 | 2609.561 | 51057.41 | 5073.425 | 3946.315 |

Sample Name: K2010-04      Acquired: 03/22/2019 23:57:04      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TP-1      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0016642</b> | <b>-.001741</b> | <b>.0652308</b> | <b>-.000514</b> | <b>.0187886</b> | <b>.0510564</b> | <b>.1462828</b> |
| Stddev | .0040505        | .003038         | .0010889        | .001732         | .0008759        | .0125959        | .0018218        |
| %RSD   | 243.3882        | 174.5457        | 1.669297        | 337.2992        | 4.661872        | 24.67057        | 1.245392        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002202</b> | <b>.000412</b>  | <b>.0643078</b> | <b>.000454</b>  | <b>.0195771</b> | <b>.0503897</b> | <b>.1442196</b> |
| #2 | <b>.001318</b>  | <b>-.000418</b> | <b>.0649529</b> | <b>-.002514</b> | <b>.0178458</b> | <b>.0639724</b> | <b>.1476700</b> |
| #3 | <b>.005876</b>  | <b>-.005216</b> | <b>.0664318</b> | <b>.000519</b>  | <b>.0189430</b> | <b>.0388071</b> | <b>.1469588</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000148</b> | <b>.0000628</b> | <b>53.20550</b> | <b>.0012324</b> | <b>.0020274</b> | <b>.0120848</b> | <b>.0469573</b> |
| Stddev | .000029         | .0000360        | 1.23037         | .0002116        | .0002284        | .0026134        | .0205227        |
| %RSD   | 19.94780        | 57.23585        | 2.312479        | 17.16615        | 11.26702        | 21.62516        | 43.70506        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000178</b> | <b>.0000839</b> | <b>51.79108</b> | <b>.0012081</b> | <b>.0022570</b> | <b>.0093095</b> | <b>.0645676</b> |
| #2 | <b>-.000119</b> | <b>.0000833</b> | <b>53.79712</b> | <b>.0010341</b> | <b>.0020251</b> | <b>.0124465</b> | <b>.0518849</b> |
| #3 | <b>-.000146</b> | <b>.0000213</b> | <b>54.02831</b> | <b>.0014551</b> | <b>.0018001</b> | <b>.0144986</b> | <b>.0244193</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.6971300</b> | <b>2.702136</b> | <b>.0085168</b> | <b>-.000648</b> | <b>340.9022</b> | <b>-.004048</b> | <b>.1052823</b> |
| Stddev | .0152439        | .107493         | .0005100        | .000261         | 7.1320          | .002828         | .0001996        |
| %RSD   | 2.186658        | 3.978079        | 5.987859        | 40.21243        | 2.092095        | 69.86476        | .1895915        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.6808506</b> | <b>2.664134</b> | <b>.0080342</b> | <b>-.000376</b> | <b>332.8262</b> | <b>-.007311</b> | <b>.1050792</b> |
| #2 | <b>.6994721</b> | <b>2.618805</b> | <b>.0090504</b> | <b>-.000675</b> | <b>343.5444</b> | <b>-.002521</b> | <b>.1054782</b> |
| #3 | <b>.7110672</b> | <b>2.823468</b> | <b>.0084658</b> | <b>-.000895</b> | <b>346.3361</b> | <b>-.002311</b> | <b>.1052897</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2745603</b> | <b>.0711989</b> | <b>.0042600</b> | <b>-.000336</b> | <b>.2370937</b> | <b>.8056401</b> | <b>-.003078</b> |
| Stddev | .0303228        | .0018345        | .0002449        | .000368         | .0041906        | .0148059        | .001167         |
| %RSD   | 11.04414        | 2.576546        | 5.748120        | 109.4919        | 1.767508        | 1.837779        | 37.91390        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.2414140</b> | <b>.0713414</b> | <b>.0043934</b> | <b>-.000207</b> | <b>.2370618</b> | <b>.7891146</b> | <b>-.003185</b> |
| #2 | <b>.2813629</b> | <b>.0692973</b> | <b>.0044093</b> | <b>-.000751</b> | <b>.2329191</b> | <b>.8176970</b> | <b>-.004188</b> |
| #3 | <b>.3009041</b> | <b>.0729579</b> | <b>.0039774</b> | <b>-.000050</b> | <b>.2413002</b> | <b>.8101085</b> | <b>-.001861</b> |

Sample Name: K2010-04      Acquired: 03/22/2019 23:57:04      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TP-1      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0019561</b> | <b>.0071278</b> | <b>.2116119</b> |
| Stddev | .0016915        | .0014209        | .0024805        |
| %RSD   | 86.47422        | 19.93415        | 1.172210        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0000414</b> | <b>.0054924</b> | <b>.2087964</b> |
| #2 | <b>.0025794</b> | <b>.0080592</b> | <b>.2125638</b> |
| #3 | <b>.0032476</b> | <b>.0078318</b> | <b>.2134755</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2201.249</b> | <b>2587.957</b> | <b>51106.97</b> | <b>5029.633</b> | <b>3901.494</b> |
| Stddev    | 9.787           | 12.346          | 211.64          | 74.173          | 16.371          |
| %RSD      | .4446141        | .4770530        | .4141199        | 1.474720        | .4196082        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2211.050</b> | <b>2595.493</b> | <b>51188.07</b> | <b>5114.625</b> | <b>3910.661</b> |
| #2 | <b>2201.221</b> | <b>2594.668</b> | <b>51266.08</b> | <b>4996.300</b> | <b>3911.227</b> |
| #3 | <b>2191.476</b> | <b>2573.709</b> | <b>50866.77</b> | <b>4977.975</b> | <b>3882.593</b> |

Sample Name: K2036-09      Acquired: 03/23/2019 0:00:56      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: WC-20190319      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.002306</b> | <b>.0010809</b> | <b>.0606169</b> | <b>-.001191</b> | <b>.0006295</b> | <b>.0215659</b> | <b>.0203474</b> |
| Stddev | .003007         | .0027791        | .0014547        | .001016         | .0020371        | .0064912        | .0010783        |
| %RSD   | 130.4218        | 257.1009        | 2.399745        | 85.32192        | 323.6357        | 30.09954        | 5.299239        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .001153  | .0031217 | .0592203 | -.002312 | .0029183 | .0288291 | .0199731 |
| #2 | -.003771 | -.002084 | .0605070 | -.000328 | -.000985 | .0163311 | .0215630 |
| #3 | -.004300 | .002205  | .0621233 | -.000934 | -.000045 | .0195373 | .0195062 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000295</b> | <b>-.000125</b> | <b>.3505323</b> | <b>.0009757</b> | <b>.0000365</b> | <b>.0027348</b> | <b>.0842552</b> |
| Stddev | .000040         | .000026         | .0305544        | .0004238        | .0001197        | .0050810        | .0208944        |
| %RSD   | 13.54119        | 20.73310        | 8.716572        | 43.43454        | 327.7222        | 185.7880        | 24.79894        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000336 | -.000097 | .3849743 | .0011560 | .0001406 | -.003120 | .0673886 |
| #2 | -.000294 | -.000148 | .3266867 | .0004916 | -.000094 | .005337  | .1076289 |
| #3 | -.000256 | -.000128 | .3399361 | .0012796 | .000063  | .005988  | .0777481 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0062284</b> | <b>.2392187</b> | <b>.0027778</b> | <b>-.000826</b> | <b>282.2546</b> | <b>.0050436</b> | <b>.0230707</b> |
| Stddev | .0012675        | .0828677        | .0001385        | .000345         | 3.0177          | .0027223        | .0002681        |
| %RSD   | 20.34987        | 34.64096        | 4.985668        | 41.80165        | 1.069154        | 53.97409        | 1.161918        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0051537 | .1472966 | .0026637 | -.001158 | 278.8031 | .0081655 | .0231784 |
| #2 | .0076261 | .3081969 | .0029319 | -.000850 | 283.5654 | .0031648 | .0227655 |
| #3 | .0059054 | .2621626 | .0027378 | -.000469 | 284.3953 | .0038006 | .0232682 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.397702</b> | <b>.0085490</b> | <b>.0019433</b> | <b>-.000293</b> | <b>.1294762</b> | <b>.0169286</b> | <b>-.001986</b> |
| Stddev | .063011         | .0025465        | .0006245        | .000244         | .0046430        | .0006033        | .001108         |
| %RSD   | 15.84368        | 29.78696        | 32.13793        | 83.33416        | 3.586006        | 3.563555        | 55.81029        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.325159 | .0068151 | .0014659 | -.000496 | .1330578 | .0163042 | -.002214 |
| #2 | -.438818 | .0073593 | .0017140 | -.000022 | .1242304 | .0175082 | -.002962 |
| #3 | -.429130 | .0114726 | .0026501 | -.000361 | .1311403 | .0169732 | -.000781 |

Sample Name: K2036-09      Acquired: 03/23/2019 0:00:56      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: WC-20190319      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0043839</b> | <b>.0027433</b> | <b>.0033488</b> |
| Stddev | .0012228        | .0008556        | .0000718        |
| %RSD   | 27.89288        | 31.18875        | 2.144455        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0034993</b> | <b>.0034846</b> | <b>.0032774</b> |
| #2 | <b>.0038731</b> | <b>.0018070</b> | <b>.0033479</b> |
| #3 | <b>.0057793</b> | <b>.0029382</b> | <b>.0034210</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2233.046</b> | <b>2618.142</b> | <b>51572.19</b> | <b>5009.075</b> | <b>3996.640</b> |
| Stddev    | 4.035           | 6.918           | 398.06          | 18.915          | 13.167          |
| %RSD      | .1807110        | .2642376        | .7718435        | .3776224        | .3294504        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2231.840 | 2615.580 | 51382.04 | 5022.400 | 3985.446 |
| #2 | 2229.752 | 2625.976 | 51304.87 | 4987.425 | 4011.147 |
| #3 | 2237.547 | 2612.871 | 52029.66 | 5017.400 | 3993.328 |

Sample Name: K2035-16      Acquired: 03/23/2019 0:04:50      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0069355 | .0061738 | .0015995 | -.007685 | -.001588 | .0146983 |
| Stddev | .0035470 | .0021523 | .0005292 | .001208  | .002140  | .0110246 |
| %RSD   | 51.14327 | 34.86196 | 33.08486 | 15.72367 | 134.8044 | 75.00587 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0032401 | .0041378 | .0013018 | -.009080 | -.003743 | .0097092 |
| #2 | .0072535 | .0059575 | .0012862 | -.006964 | .000537  | .0273355 |
| #3 | .0103128 | .0084261 | .0022105 | -.007011 | -.001557 | .0070502 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0249462 | .0003107 | -.000058 | 69.11593 | .0008471 | -.001109 |
| Stddev | .0007090 | .0000854 | .000055  | 1.48958  | .0006970 | .000116  |
| %RSD   | 2.842142 | 27.48400 | 94.84785 | 2.155188 | 82.27304 | 10.45891 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0241295 | .0003330 | -.000029 | 67.56690 | .0004215 | -.001240 |
| #2 | .0254032 | .0002164 | -.000024 | 69.24299 | .0004685 | -.001020 |
| #3 | .0253060 | .0003827 | -.000122 | 70.53791 | .0016515 | -.001066 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0014647 | .0054860 | .0166637 | 147.0950 | .0004679 | -.000093 |
| Stddev | .0070088 | .0075271 | .0008211 | 1.9566   | .0002825 | .000359  |
| %RSD   | 478.5089 | 137.2048 | 4.927490 | 1.330127 | 60.38977 | 388.3186 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.001942 | .0119058 | .0170323 | 145.2449 | .0001983 | .000257  |
| #2 | .009526  | -.002798 | .0157229 | 146.8973 | .0007618 | -.000461 |
| #3 | -.003189 | .007350  | .0172359 | 149.1429 | .0004435 | -.000073 |

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | Na8183     | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 1127.165 | -.005443 | .0012062 | 41.95250 | .0364801 | .5330881 |
| Stddev | 20.722     | .002656  | .0001108 | .69237   | .0037689 | .0141826 |
| %RSD   | 1.838400   | 48.79558 | 9.183961 | 1.650355 | 10.33135 | 2.660455 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1108.788 | -.002745 | .0012086 | 41.30037 | .0341413 | .5191214 |
| #2 | 1123.083 | -.008055 | .0013158 | 41.87805 | .0408278 | .5326658 |
| #3 | 1149.624 | -.005529 | .0010943 | 42.67908 | .0344710 | .5474771 |

Sample Name: K2035-16      Acquired: 03/23/2019 0:04:50      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0003651</b> | <b>88.78113</b> | <b>2.514024</b> | <b>-.004213</b> | <b>.0009603</b> | <b>.0160528</b> |
| Stddev | .0005116        | .54890          | .072810         | .000940         | .0020320        | .0003473        |
| %RSD   | 140.1012        | .6182654        | 2.896155        | 22.31952        | 211.6089        | 2.163227        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0002511 | 88.33767 | 2.444538 | -.004756 | .0004971 | .0164133 |
| #2 | .0009241 | 88.61069 | 2.507777 | -.004755 | .0031839 | .0157205 |
| #3 | -.000080 | 89.39504 | 2.589756 | -.003127 | -.000800 | .0160248 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.8129112</b> |
| Stddev | .0129073        |
| %RSD   | 1.587789        |

|    |          |
|----|----------|
| #1 | .8040758 |
| #2 | .8069341 |
| #3 | .8277236 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2315.497</b> | <b>2644.181</b> | <b>51885.64</b> | <b>4930.720</b> | <b>3739.195</b> |
| Stddev    | 20.001          | 19.047          | 145.55          | 101.479         | 26.911          |
| %RSD      | .8638048        | .7203375        | .2805113        | 2.058096        | .7196948        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2320.897 | 2666.143 | 51877.80 | 5039.929 | 3770.033 |
| #2 | 2293.350 | 2634.219 | 51744.18 | 4912.900 | 3727.083 |
| #3 | 2332.244 | 2632.180 | 52034.95 | 4839.332 | 3720.468 |

Sample Name: CCV10      Acquired: 03/23/2019 0:08:40      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: GATE-SOIL-BO      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.911830 | 4.826240 | 5.129550 | 4.721723 | 4.913640 | 10.38544 |
| Stddev | .005717  | .012270  | .010924  | .005515  | .012965  | .01562   |
| %RSD   | .1163835 | .2542437 | .2129533 | .1168007 | .2638562 | .1504400 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.912806 | 4.813334 | 5.117137 | 4.725532 | 4.903770 | 10.37784 |
| #2 | 4.905688 | 4.827629 | 5.133819 | 4.715399 | 4.908825 | 10.37507 |
| #3 | 4.916996 | 4.837756 | 5.137695 | 4.724238 | 4.928323 | 10.40341 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 9.669477 | .2731143 | 2.488764 | F 28.37644 | 1.085723 | 2.535408 |
| Stddev | .028189  | .0021254 | .005296  | .05841     | .000961  | .006078  |
| %RSD   | .2915237 | .7781940 | .2127887 | .2058343   | .0884966 | .2397291 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.647615 | .2711568 | 2.485039 | 28.36166 | 1.086134 | 2.530442 |
| #2 | 9.659524 | .2753749 | 2.486427 | 28.44082 | 1.086410 | 2.533597 |
| #3 | 9.701292 | .2728111 | 2.494827 | 28.32684 | 1.084625 | 2.542186 |

|        |          |            |            |            |          |            |
|--------|----------|------------|------------|------------|----------|------------|
| Elem   | Cu3247   | Fe2598     | Mn2576     | Mg2790     | Ni2316   | Ag3280     |
| Units  | ppm      | ppm        | ppm        | ppm        | ppm      | ppm        |
| Avg    | 1.315605 | F 5.504073 | F 2.886401 | F 28.18355 | 2.426923 | F 1.430302 |
| Stddev | .017169  | .033010    | .010703    | .31090     | .006800  | .010955    |
| %RSD   | 1.305063 | .5997379   | .3708001   | 1.103135   | .2801962 | .7659499   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.307824 | 5.471933 | 2.874617 | 27.87375 | 2.419396 | 1.426971 |
| #2 | 1.303704 | 5.537889 | 2.895519 | 28.49555 | 2.428749 | 1.442536 |
| #3 | 1.335287 | 5.502397 | 2.889067 | 28.18136 | 2.432624 | 1.421398 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 27.12001 | 2.661345 | 2.734806 | 25.93443 | 4.851088 | F 5.859073 |
| Stddev | .33181   | .021771  | .008561  | .21527   | .017078  | .037165    |
| %RSD   | 1.223484 | .8180278 | .3130236 | .8300700 | .3520478 | .6343117   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 26.83324 | 2.636292 | 2.744690 | 25.68980 | 4.831368 | 5.831698 |
| #2 | 27.48344 | 2.675666 | 2.729851 | 26.09493 | 4.860997 | 5.901382 |
| #3 | 27.04334 | 2.672077 | 2.729876 | 26.01858 | 4.860898 | 5.844140 |

Sample Name: CCV10      Acquired: 03/23/2019 0:08:40      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: GATE-SOIL-BO      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 5.019937 | 4.555131 | F 5.586538 | 4.640535 | 5.415954 | 5.051565 |
| Stddev | .007771  | .007687  | .027251    | .010591  | .019272  | .015940  |
| %RSD   | .1548017 | .1687448 | .4878030   | .2282233 | .3558325 | .3155462 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.020225 | 4.563697 | 5.557892 | 4.629746 | 5.394828 | 5.033319 |
| #2 | 5.012026 | 4.552862 | 5.612139 | 4.640943 | 5.420461 | 5.062781 |
| #3 | 5.027560 | 4.548835 | 5.589584 | 4.650916 | 5.432572 | 5.058596 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 5.188209 |
| Stddev | .014582  |
| %RSD   | .2810547 |

|    |          |
|----|----------|
| #1 | 5.176830 |
| #2 | 5.183150 |
| #3 | 5.204646 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2198.871 | 2616.081 | 50242.56 | 4943.961 | 3998.480 |
| Stddev    | 4.164    | 9.255    | 356.89   | 37.712   | 7.649    |
| %RSD      | .1893493 | .3537701 | .7103407 | .7627818 | .1912949 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2194.852 | 2605.537 | 50346.94 | 4974.845 | 3989.666 |
| #2 | 2198.594 | 2619.848 | 49845.11 | 4901.933 | 4002.396 |
| #3 | 2203.166 | 2622.859 | 50535.62 | 4955.105 | 4003.377 |

Sample Name: CCB10      Acquired: 03/23/2019 0:12:13      Type: Unk  
Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: DRUM-1-2      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000378</b> | <b>.0000897</b> | <b>.0001836</b> | <b>-.002169</b> | <b>.0016708</b> | <b>-.006895</b> | <b>.0050257</b> |
| Stddev | .001031         | .0010556        | .0005569        | .001249         | .0011057        | .018652         | .0010198        |
| %RSD   | 273.0127        | 1176.886        | 303.3623        | 57.60978        | 66.17543        | 270.5154        | 20.29239        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000311</b> | <b>-.000386</b> | <b>.0006922</b> | <b>-.003609</b> | <b>.0004440</b> | <b>-.019534</b> | <b>.0053736</b> |
| #2 | <b>.000619</b>  | <b>-.000645</b> | <b>.0002701</b> | <b>-.001517</b> | <b>.0025903</b> | <b>.014527</b>  | <b>.0058261</b> |
| #3 | <b>-.001441</b> | <b>.001299</b>  | <b>-.000412</b> | <b>-.001380</b> | <b>.0019780</b> | <b>-.015677</b> | <b>.0038774</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000007</b> | <b>-.000073</b> | <b>-.012028</b> | <b>-.000113</b> | <b>-.000016</b> | <b>.0013728</b> | <b>.0251035</b> |
| Stddev | .0000922        | .000047         | .015475         | .000163         | .000108         | .0049438        | .0160007        |
| %RSD   | 13459.06        | 64.33918        | 128.6589        | 143.9050        | 669.5050        | 360.1258        | 63.73876        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000106</b> | <b>-.000073</b> | <b>-.002853</b> | <b>-.000236</b> | <b>.000095</b>  | <b>.0056401</b> | <b>.0294330</b> |
| #2 | <b>.000054</b>  | <b>-.000026</b> | <b>-.003336</b> | <b>.000071</b>  | <b>-.000023</b> | <b>.0025231</b> | <b>.0073836</b> |
| #3 | <b>.000054</b>  | <b>-.000121</b> | <b>-.029896</b> | <b>-.000174</b> | <b>-.000121</b> | <b>-.004045</b> | <b>.0384940</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0008802</b> | <b>-.029981</b> | <b>.0004350</b> | <b>-.000680</b> | <b>-.124460</b> | <b>.0008228</b> | <b>-.000025</b> |
| Stddev | .0010261        | .024782         | .0001555        | .000277         | .117549         | .0080914        | .000320         |
| %RSD   | 116.5689        | 82.65870        | 35.73552        | 40.79595        | 94.44716        | 983.3341        | 1272.148        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000126</b> | <b>-.051972</b> | <b>.0004106</b> | <b>-.000820</b> | <b>-.124574</b> | <b>.0003030</b> | <b>.000304</b>  |
| #2 | <b>.001925</b>  | <b>-.034841</b> | <b>.0002932</b> | <b>-.000859</b> | <b>-.006854</b> | <b>-.006996</b> | <b>-.000045</b> |
| #3 | <b>.000842</b>  | <b>-.003129</b> | <b>.0006013</b> | <b>-.000360</b> | <b>-.241951</b> | <b>.009162</b>  | <b>-.000334</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.237879</b> | <b>.0006133</b> | <b>.0050790</b> | <b>-.000257</b> | <b>-.002340</b> | <b>.0047474</b> | <b>-.000427</b> |
| Stddev | .066406         | .0043474        | .0004679        | .000181         | .002613         | .0006709        | .000491         |
| %RSD   | 27.91592        | 708.7987        | 9.211441        | 70.41580        | 111.6736        | 14.13287        | 115.0346        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.266141</b> | <b>.0030728</b> | <b>.0054006</b> | <b>-.000053</b> | <b>-.001428</b> | <b>.0053553</b> | <b>.000049</b>  |
| #2 | <b>-.285480</b> | <b>.0031734</b> | <b>.0045423</b> | <b>-.000318</b> | <b>-.005287</b> | <b>.0040275</b> | <b>-.000931</b> |
| #3 | <b>-.162017</b> | <b>-.004406</b> | <b>.0052942</b> | <b>-.000400</b> | <b>-.000305</b> | <b>.0048593</b> | <b>-.000398</b> |

Sample Name: CCB10      Acquired: 03/23/2019 0:12:13      Type: Unk  
 Method: NON EPA-6010-200.7(v94)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1: DRUM-1-2      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0019424 | .0039260 | .0001015 |
| Stddev | .0013534 | .0024232 | .0001031 |
| %RSD   | 69.67948 | 61.72251 | 101.5090 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0024826 | .0011385 | .0001556 |
| #2 | .0029422 | .0051085 | .0001663 |
| #3 | .0004022 | .0055309 | -.000017 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2266.800 | 2714.557 | 51490.77 | 5031.183 | 4210.092 |
| Stddev    | 7.327    | 6.878    | 250.42   | 41.950   | 6.950    |
| %RSD      | .3232154 | .2533568 | .4863437 | .8337958 | .1650701 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2258.825 | 2712.207 | 51317.91 | 4985.875 | 4207.859 |
| #2 | 2273.233 | 2722.301 | 51777.95 | 5039.000 | 4217.884 |
| #3 | 2268.342 | 2709.162 | 51376.45 | 5068.675 | 4204.534 |