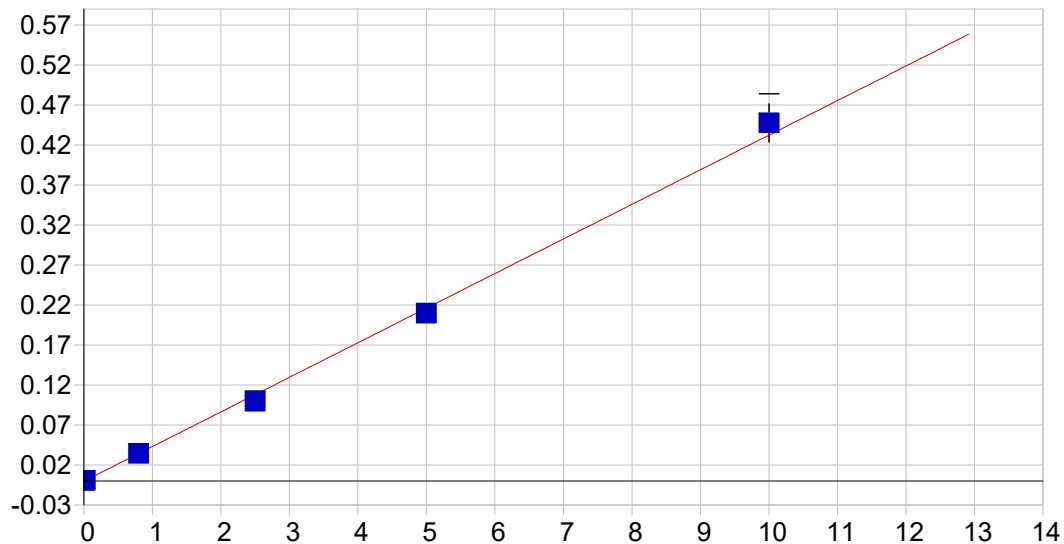


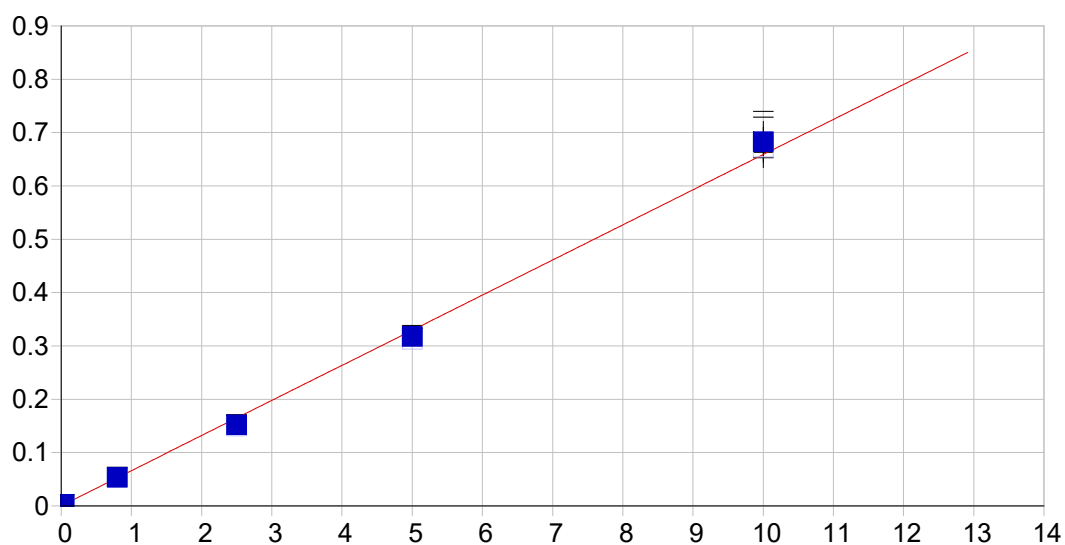


### As 189.042 {479}

Date of Fit: 3/28/2024 18:21:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000166 Re-Slope: 1.000000  
 A1 (Gain): 0.043244 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999104 Status: OK.  
 Std Error of Est: 0.000043  
 Predicted MDL: 0.002535  
 Predicted MQL: 0.008449

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00017 | .000    | 1        |
| S1        | .02000       | .01952      | -.000      | -2.38   | .00068  | .000    | 1        |
| S3        | 2.5000       | 2.3026      | -.197      | -7.90   | .09939  | .001    | 1        |
| S4        | 5.0000       | 4.8469      | -.153      | -3.06   | .20940  | .000    | 1        |
| S5        | 10.000       | 10.354      | .354       | 3.54    | .44754  | .024    | 1        |
| S2        | .80000       | .79654      | -.003      | -.433   | .03427  | .000    | 1        |

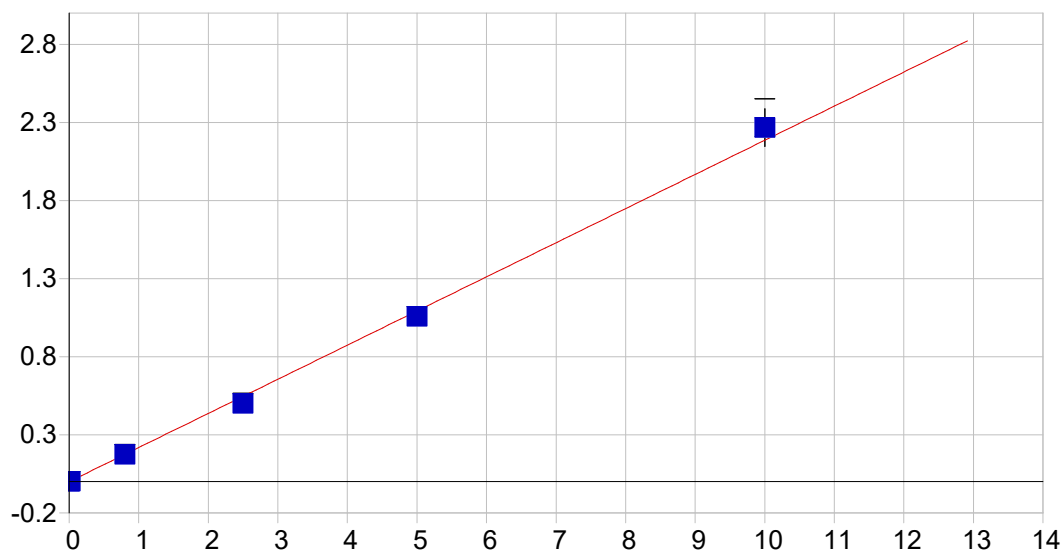


TI 190.856 {477}

Date of Fit: 3/28/2024 18:21:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000189 Re-Slope: 1.000000  
 A1 (Gain): 0.065847 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998973 Status: OK.  
 Std Error of Est: 0.000097  
 Predicted MDL: 0.001574  
 Predicted MQL: 0.005248

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00019 | .000    | 1        |
| S1        | .04000       | .04385      | .004       | 9.63    | .00292 | .000    | 1        |
| S3        | 2.5000       | 2.3036      | -.196      | -7.86   | .14921 | .000    | 1        |
| S4        | 5.0000       | 4.8135      | -.187      | -3.73   | .31182 | .003    | 1        |
| S5        | 10.000       | 10.369      | .369       | 3.69    | .67231 | .038    | 1        |
| S2        | .80000       | .81034      | .010       | 1.29    | .05270 | .000    | 1        |

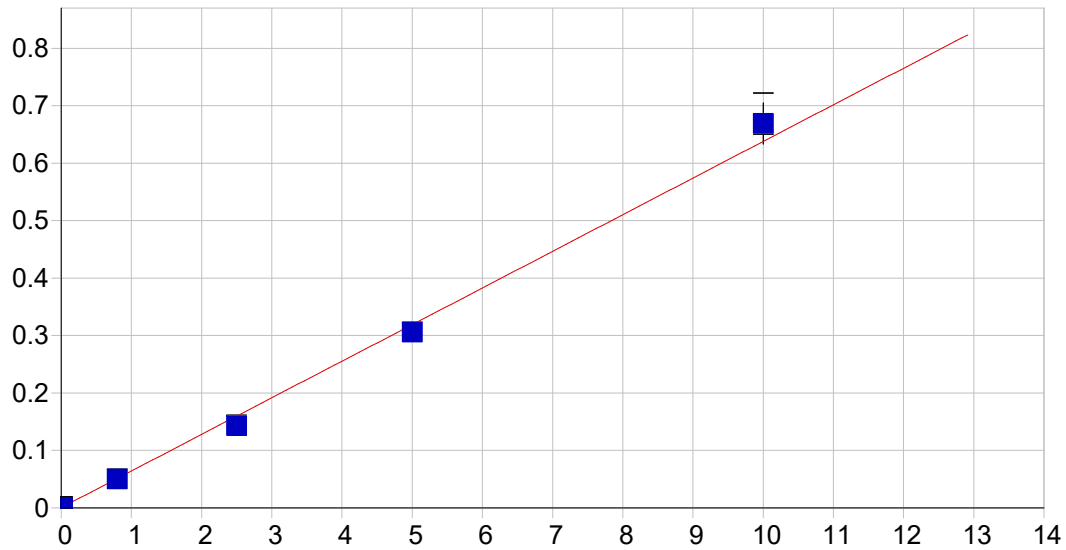


# **Pb 220.353 {453}**

Date of Fit: 3/28/2024 18:21:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000106 Re-Slope: 1.000000  
A1 (Gain): 0.218548 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999003 Status: OK.  
Std Error of Est: 0.000177  
Predicted MDL: 0.001056  
Predicted MQL: 0.003519

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00011 | .000    | 1        |
| S1        | .01200       | .01149      | -.001      | -4.24   | .00238  | .000    | 1        |
| S3        | 2.5000       | 2.2918      | -.208      | -8.33   | .50065  | .002    | 1        |
| S4        | 5.0000       | 4.8388      | -.161      | -3.22   | 1.0572  | .001    | 1        |
| S5        | 10.000       | 10.374      | .374       | 3.74    | 2.2666  | .121    | 1        |
| S2        | .80000       | .79612      | -.004      | -.485   | .17385  | .000    | 1        |

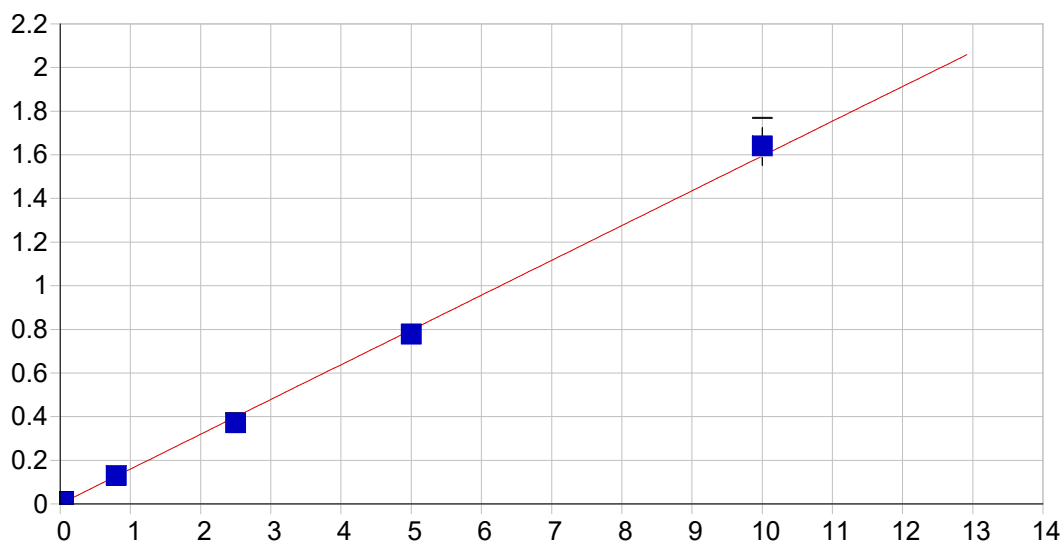


Se 196.090 {472}

Date of Fit: 3/28/2024 18:21:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000416 Re-Slope: 1.000000  
 A1 (Gain): 0.063738 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998370 Status: OK.  
 Std Error of Est: 0.000085  
 Predicted MDL: 0.002667  
 Predicted MQL: 0.008889

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00042 | .000    | 1        |
| S1        | .02000       | .02138      | .001       | 6.88    | .00178 | .000    | 1        |
| S3        | 2.5000       | 2.2430      | -.257      | -10.3   | .14347 | .001    | 1        |
| S4        | 5.0000       | 4.7868      | -.213      | -4.26   | .30568 | .000    | 1        |
| S5        | 10.000       | 10.488      | .488       | 4.88    | .66926 | .036    | 1        |
| S2        | .80000       | .78045      | -.020      | -2.44   | .05019 | .000    | 1        |

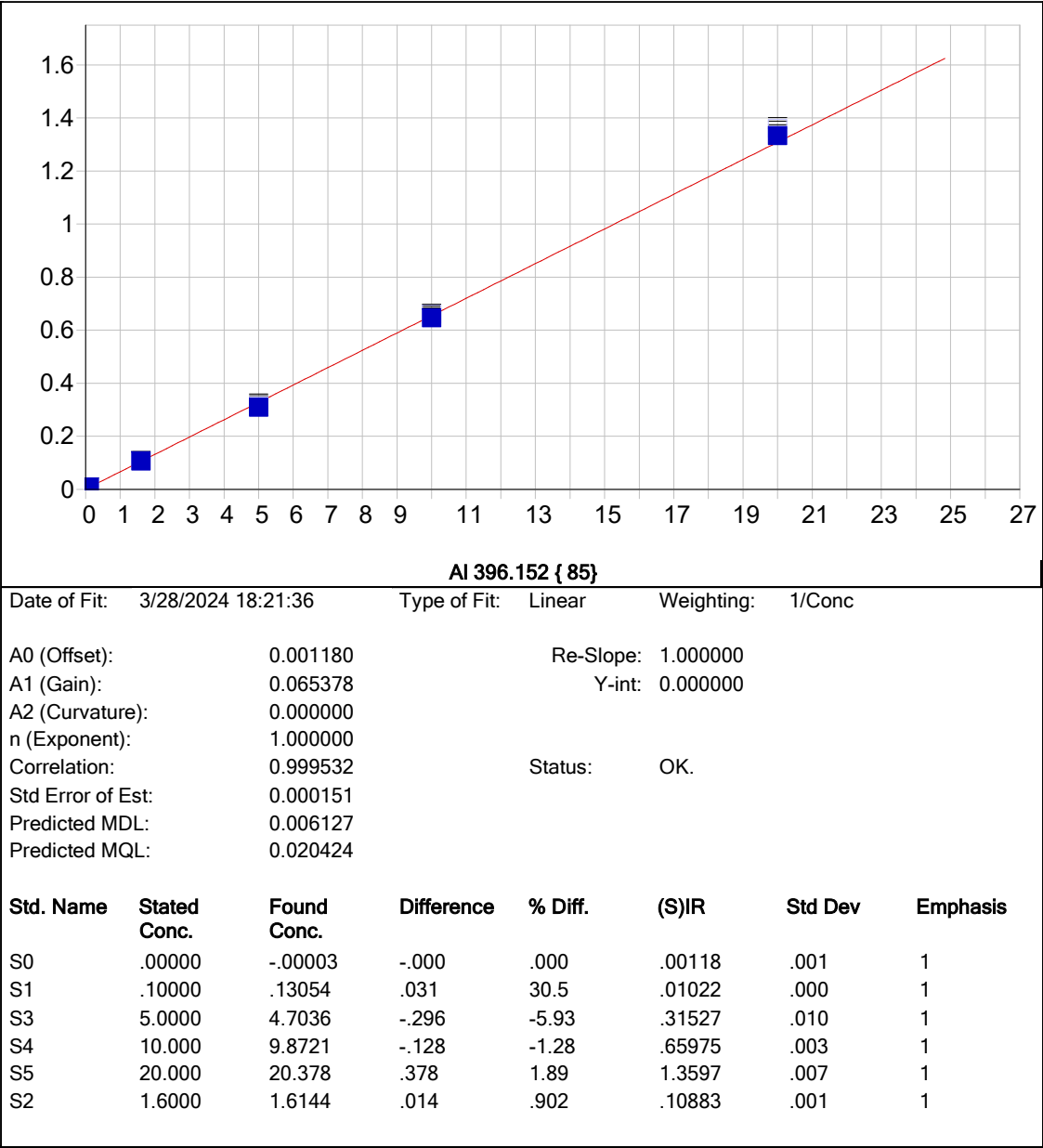


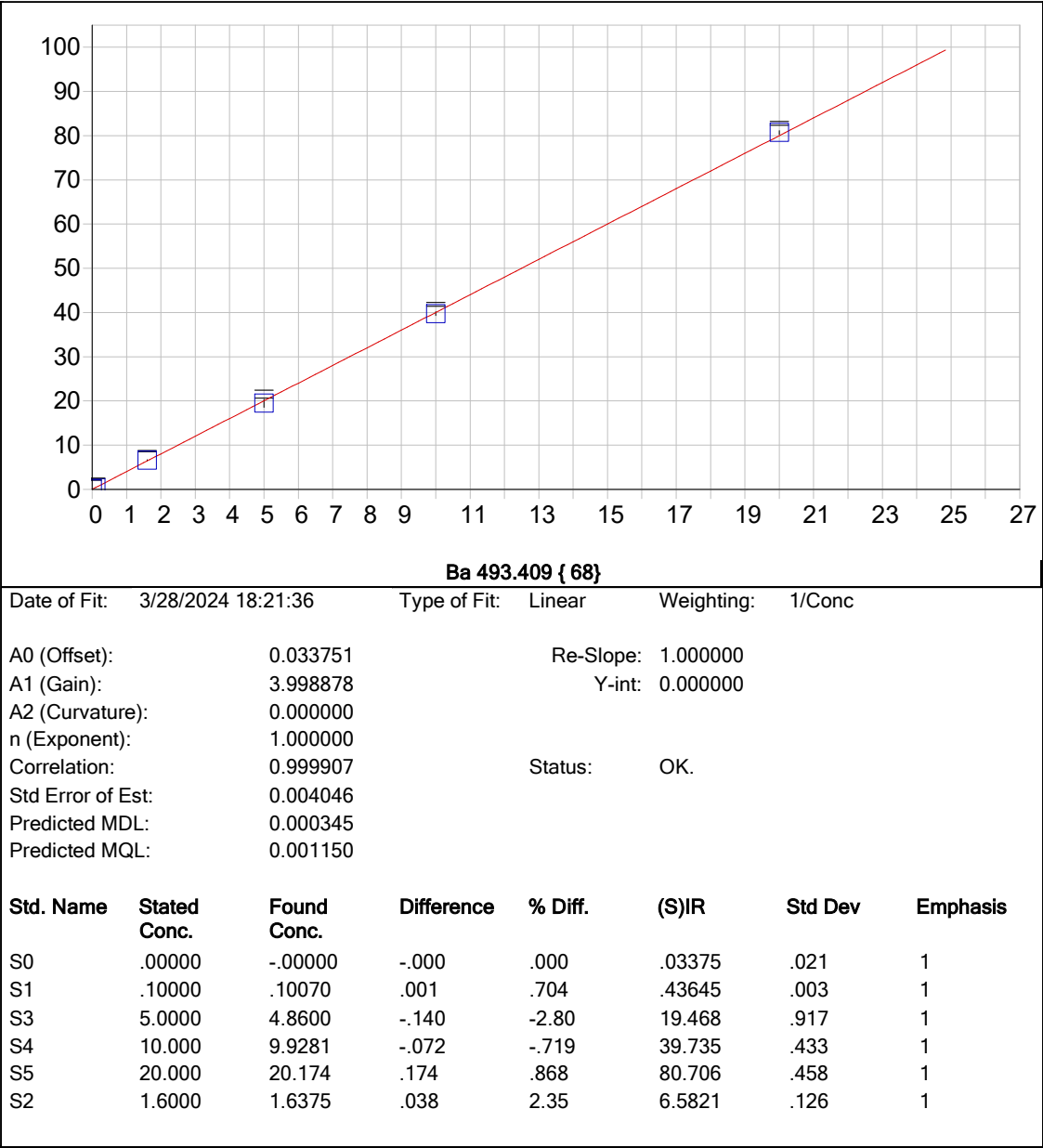
**Sb 206.833 {463}**

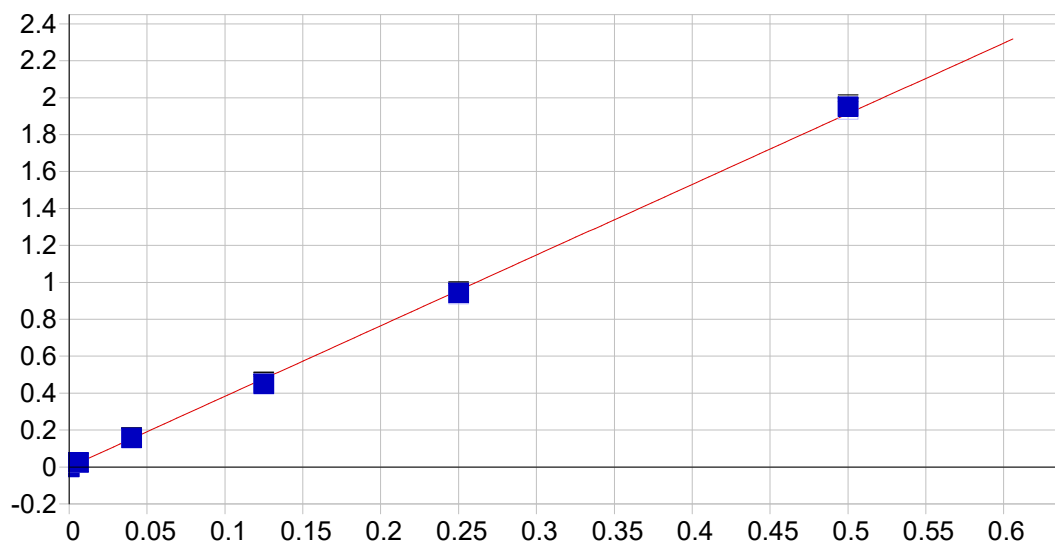
Date of Fit: 3/28/2024 18:21:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000256 Re-Slope: 1.000000  
A1 (Gain): 0.159414 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999324 Status: OK.  
Std Error of Est: 0.000217  
Predicted MDL: 0.001225  
Predicted MQL: 0.004084

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00026 | .000    | 1        |
| S1        | .05000       | .05509      | .005       | 10.2    | .00902 | .001    | 1        |
| S3        | 2.5000       | 2.3247      | -.175      | -7.01   | .36971 | .001    | 1        |
| S4        | 5.0000       | 4.8704      | -.130      | -2.59   | .77438 | .001    | 1        |
| S5        | 10.000       | 10.289      | .289       | 2.89    | 1.6360 | .086    | 1        |
| S2        | .80000       | .81042      | .010       | 1.30    | .12908 | .001    | 1        |





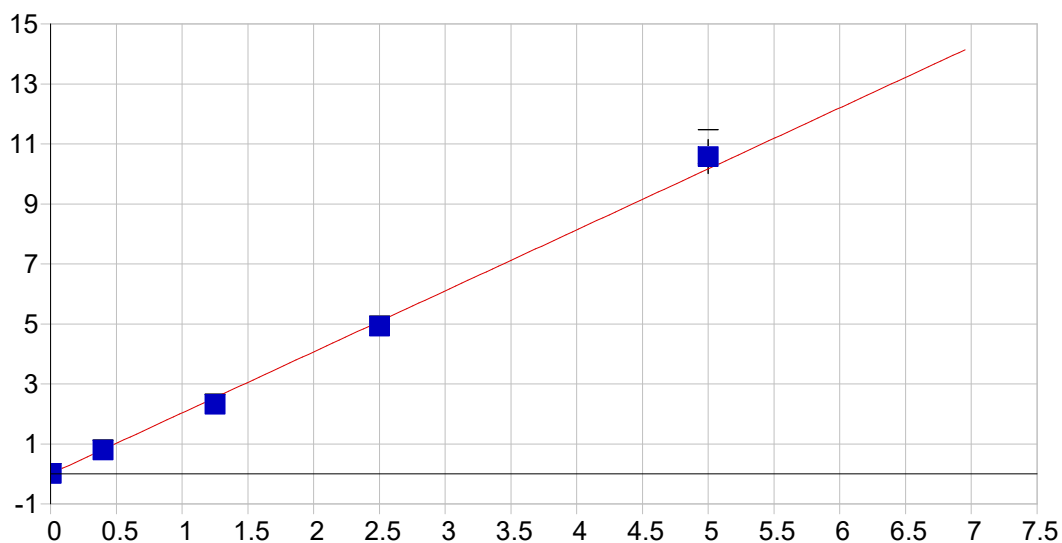


### Be 234.861 {144}

Date of Fit: 3/28/2024 18:21:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000416 Re-Slope: 1.000000  
 A1 (Gain): 3.827161 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999607 Status: OK.  
 Std Error of Est: 0.000306  
 Predicted MDL: 0.000049  
 Predicted MQL: 0.000163

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00042 | .000    | 1        |
| S1        | .00600       | .00618      | .000       | 2.92    | .02295  | .000    | 1        |
| S3        | .12500       | .11768      | -.007      | -5.86   | .44636  | .011    | 1        |
| S4        | .25000       | .24626      | -.004      | -1.50   | .93486  | .007    | 1        |
| S5        | .50000       | .50973      | .010       | 1.95    | 1.9360  | .010    | 1        |
| S2        | .04000       | .04116      | .001       | 2.91    | .15598  | .002    | 1        |

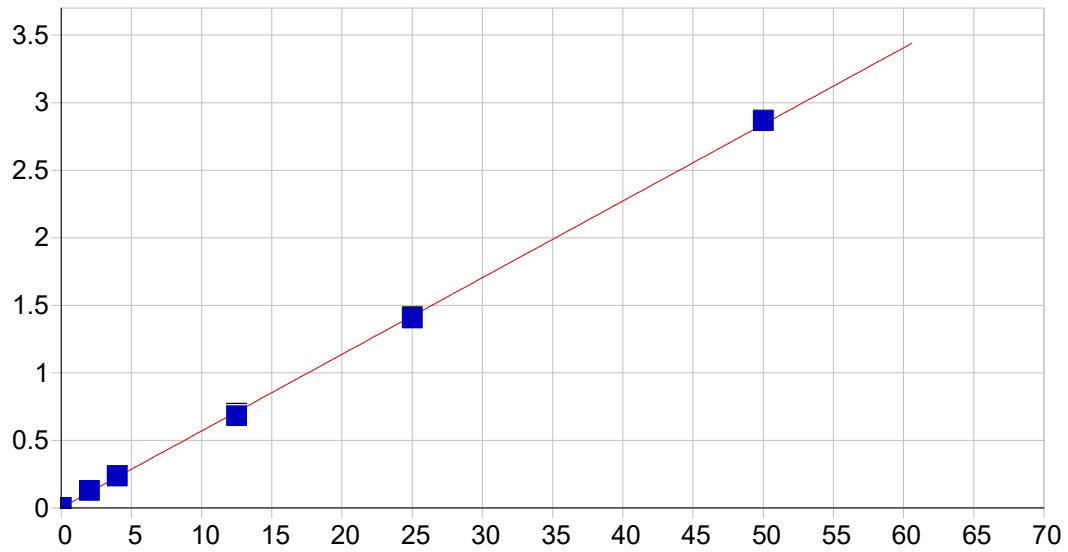


**Cd 226.502 {449}**

Date of Fit: 3/28/2024 18:21:36      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000045 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 2.033479 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.998890 | Status:   | OK.      |
| Std Error of Est: | 0.000871 |           |          |
| Predicted MDL:    | 0.000077 |           |          |
| Predicted MQL:    | 0.000255 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00005 | .000    | 1        |
| S1        | .00600       | .00643      | .000       | 7.24    | .01320 | .001    | 1        |
| S3        | 1.2500       | 1.1395      | -.110      | -8.84   | 2.3198 | .006    | 1        |
| S4        | 2.5000       | 2.4203      | -.080      | -3.19   | 4.9268 | .010    | 1        |
| S5        | 5.0000       | 5.1985      | .198       | 3.97    | 10.581 | .568    | 1        |
| S2        | .40000       | .39131      | -.009      | -2.17   | .79658 | .001    | 1        |

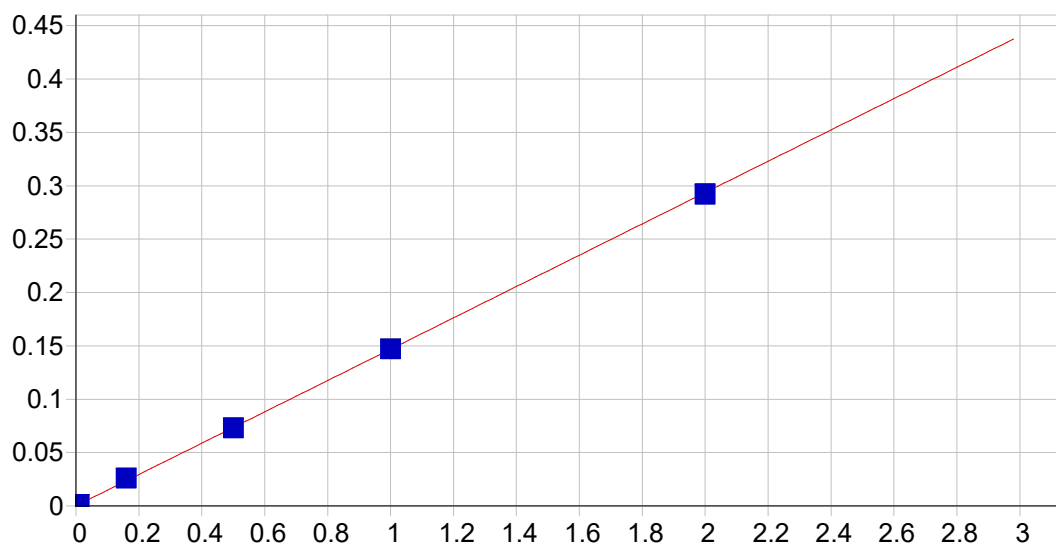


Ca 373.690 { 90}

Date of Fit: 3/28/2024 18:21:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002372 Re-Slope: 1.000000  
 A1 (Gain): 0.056721 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999712 Status: OK.  
 Std Error of Est: 0.000719  
 Predicted MDL: 0.007226  
 Predicted MQL: 0.024086

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00016     | -.000      | .000    | .00236 | .001    | 1        |
| S2        | 4.0000       | 4.1039      | .104       | 2.60    | .23481 | .004    | 1        |
| S3        | 12.500       | 11.966      | -.534      | -4.28   | .68000 | .019    | 1        |
| S4        | 25.000       | 24.724      | -.276      | -1.11   | 1.4026 | .009    | 1        |
| S5        | 50.000       | 50.507      | .507       | 1.01    | 2.8629 | .004    | 1        |
| S1        | 2.0000       | 2.1998      | .200       | 9.99    | .12711 | .001    | 1        |

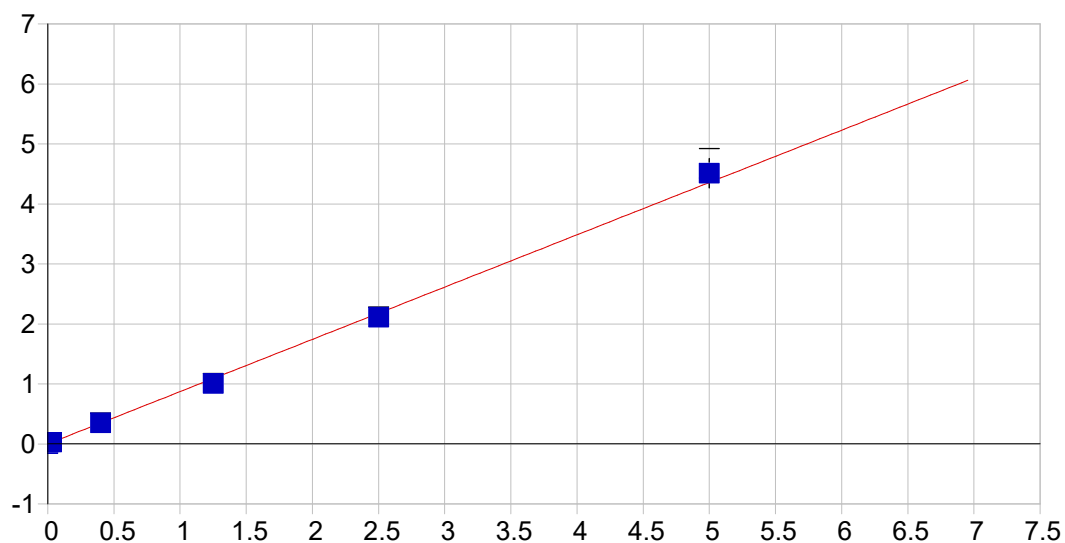


Cr 267.716 {126}

Date of Fit: 3/28/2024 18:21:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000083 Re-Slope: 1.000000  
 A1 (Gain): 0.146775 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999746 Status: OK.  
 Std Error of Est: 0.000025  
 Predicted MDL: 0.000290  
 Predicted MQL: 0.000966

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00008 | .000    | 1        |
| S1        | .01000       | .01127      | .001       | 12.7    | .00174 | .000    | 1        |
| S3        | .50000       | .49555      | -.004      | -.891   | .07295 | .000    | 1        |
| S4        | 1.0000       | 1.0005      | .001       | .052    | .14719 | .000    | 1        |
| S5        | 2.0000       | 1.9867      | -.013      | -.663   | .29220 | .000    | 1        |
| S2        | .16000       | .17592      | .016       | 9.95    | .02595 | .000    | 1        |

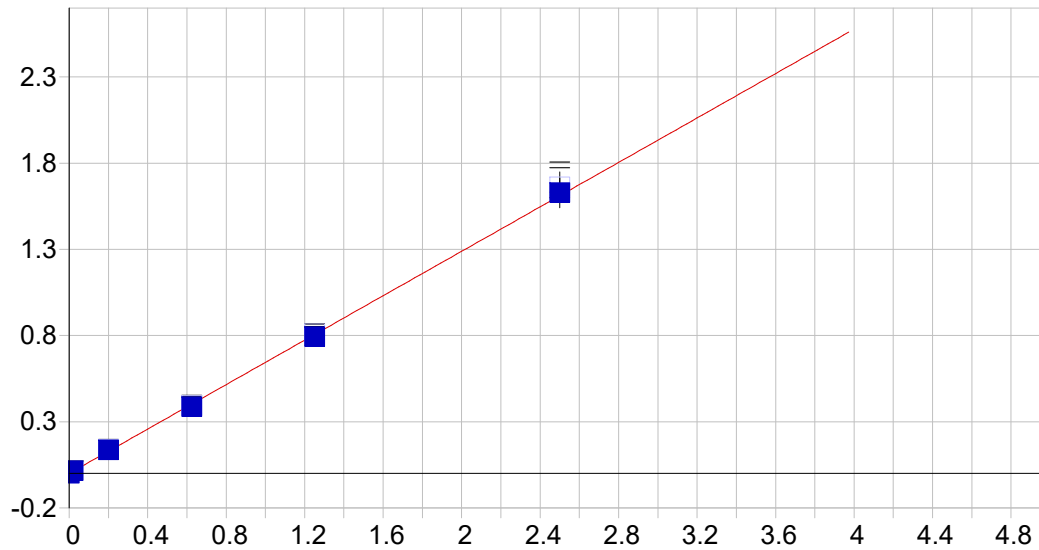


Co 228.616 {448}

Date of Fit: 3/28/2024 18:21:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000104 Re-Slope: 1.000000  
 A1 (Gain): 0.871352 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999147 Status: OK.  
 Std Error of Est: 0.000733  
 Predicted MDL: 0.000162  
 Predicted MQL: 0.000541

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00011 | .000    | 1        |
| S1        | .03000       | .03124      | .001       | 4.12    | .02725 | .002    | 1        |
| S3        | 1.2500       | 1.1537      | -.096      | -7.70   | 1.0078 | .002    | 1        |
| S4        | 2.5000       | 2.4234      | -.077      | -3.06   | 2.1165 | .003    | 1        |
| S5        | 5.0000       | 5.1722      | .172       | 3.44    | 4.5164 | .246    | 1        |
| S2        | .40000       | .39950      | -.000      | -.125   | .34897 | .000    | 1        |

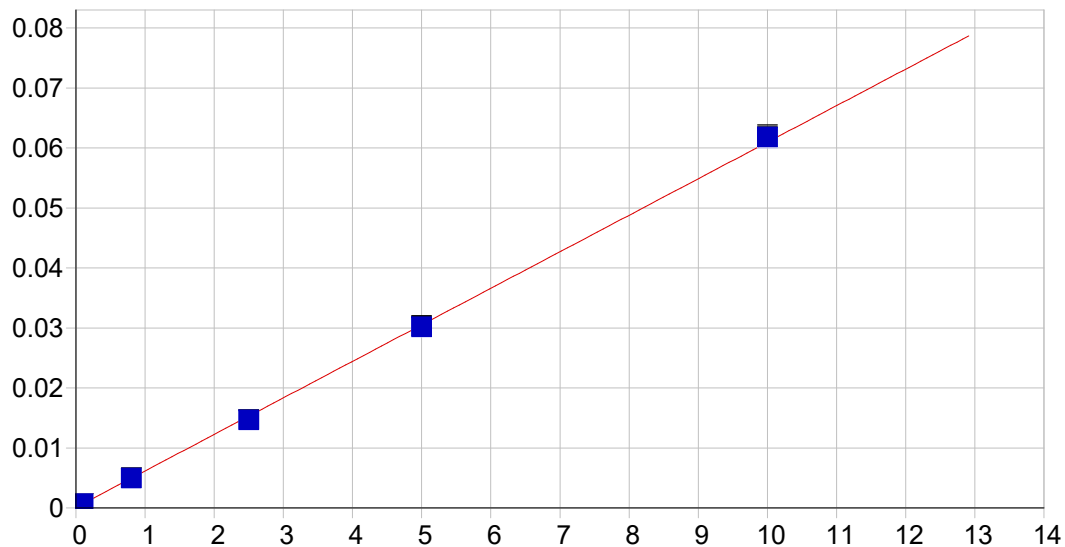


**Cu 224.700 {450}**

Date of Fit: 3/28/2024 18:21:36      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000224 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.644533  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999663  | Status:   | OK.      |
| Std Error of Est: | 0.000200  |           |          |
| Predicted MDL:    | 0.000345  |           |          |
| Predicted MQL:    | 0.001149  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00023 | .000    | 1        |
| S1        | .02000       | .02387      | .004       | 19.4    | .01540  | .001    | 1        |
| S3        | .62500       | .59934      | -.026      | -4.11   | .39412  | .001    | 1        |
| S4        | 1.2500       | 1.2310      | -.019      | -1.52   | .80929  | .002    | 1        |
| S5        | 2.5000       | 2.5281      | .028       | 1.12    | 1.6614  | .087    | 1        |
| S2        | .20000       | .21275      | .013       | 6.38    | .13948  | .001    | 1        |

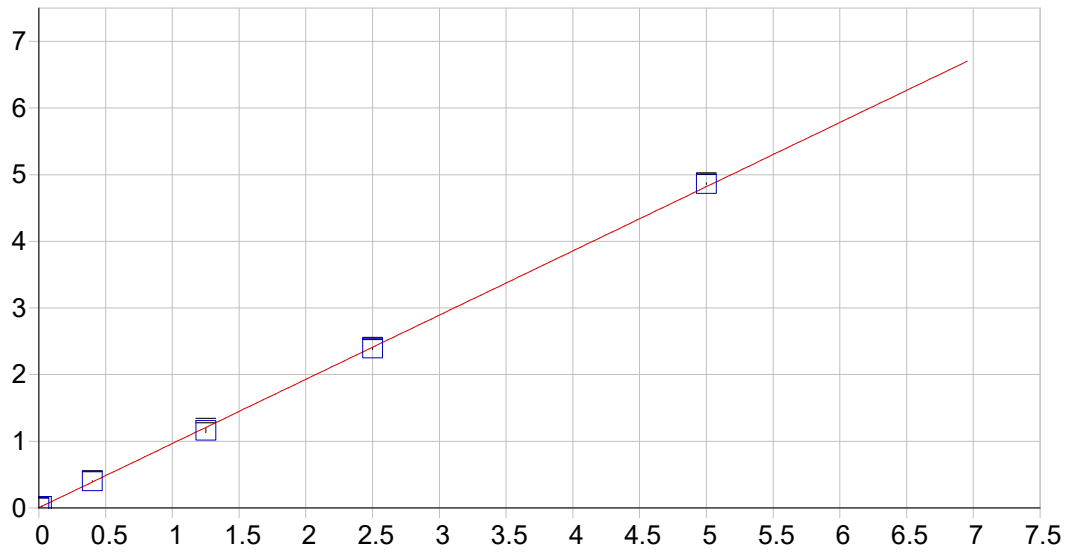


**Fe 240.488 {140}**

Date of Fit: 3/28/2024 18:21:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000077 Re-Slope: 1.000000  
 A1 (Gain): 0.006088 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999795 Status: OK.  
 Std Error of Est: 0.000006  
 Predicted MDL: 0.003930  
 Predicted MQL: 0.013099

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00008 | .000    | 1        |
| S1        | .10000       | .10522      | .005       | 5.22    | .00072 | .000    | 1        |
| S3        | 2.5000       | 2.3943      | -.106      | -4.23   | .01459 | .000    | 1        |
| S4        | 5.0000       | 4.9479      | -.052      | -1.04   | .03008 | .000    | 1        |
| S5        | 10.000       | 10.146      | .146       | 1.46    | .06160 | .000    | 1        |
| S2        | .80000       | .80660      | .007       | .825    | .00497 | .000    | 1        |

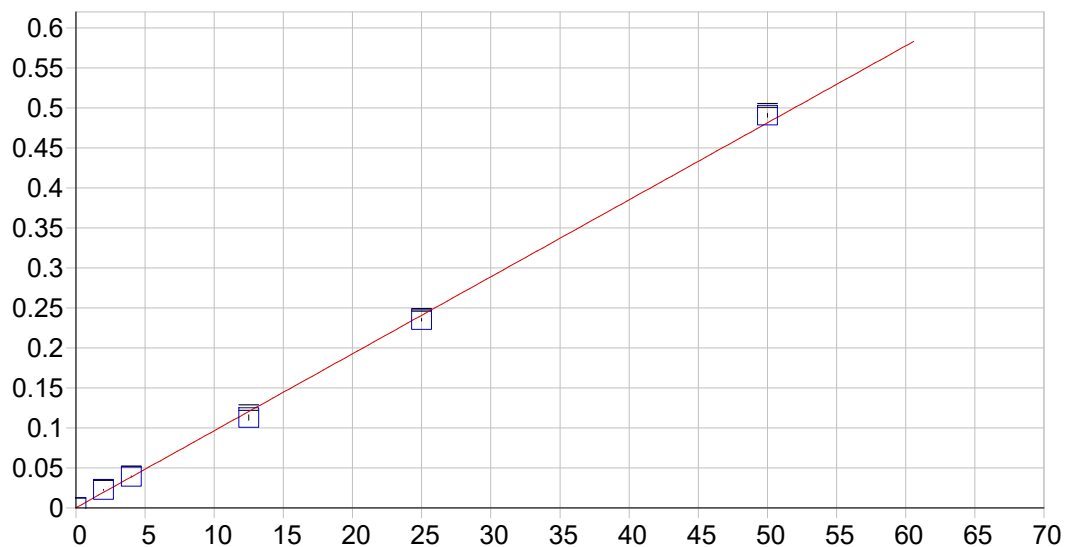


**Mn 257.610 {131}**

Date of Fit: 3/28/2024 18:21:36      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.002671 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.963466 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999847 | Status:   | OK.      |
| Std Error of Est: | 0.000280 |           |          |
| Predicted MDL:    | 0.000176 |           |          |
| Predicted MQL:    | 0.000586 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00267 | .001    | 1        |
| S1        | .02000       | .02025      | .000       | 1.25    | .02218 | .000    | 1        |
| S3        | 1.2500       | 1.2042      | -.046      | -3.66   | 1.1629 | .034    | 1        |
| S4        | 2.5000       | 2.4831      | -.017      | -.674   | 2.3951 | .017    | 1        |
| S5        | 5.0000       | 5.0473      | .047       | .946    | 4.8656 | .014    | 1        |
| S2        | .40000       | .41511      | .015       | 3.78    | .40262 | .007    | 1        |

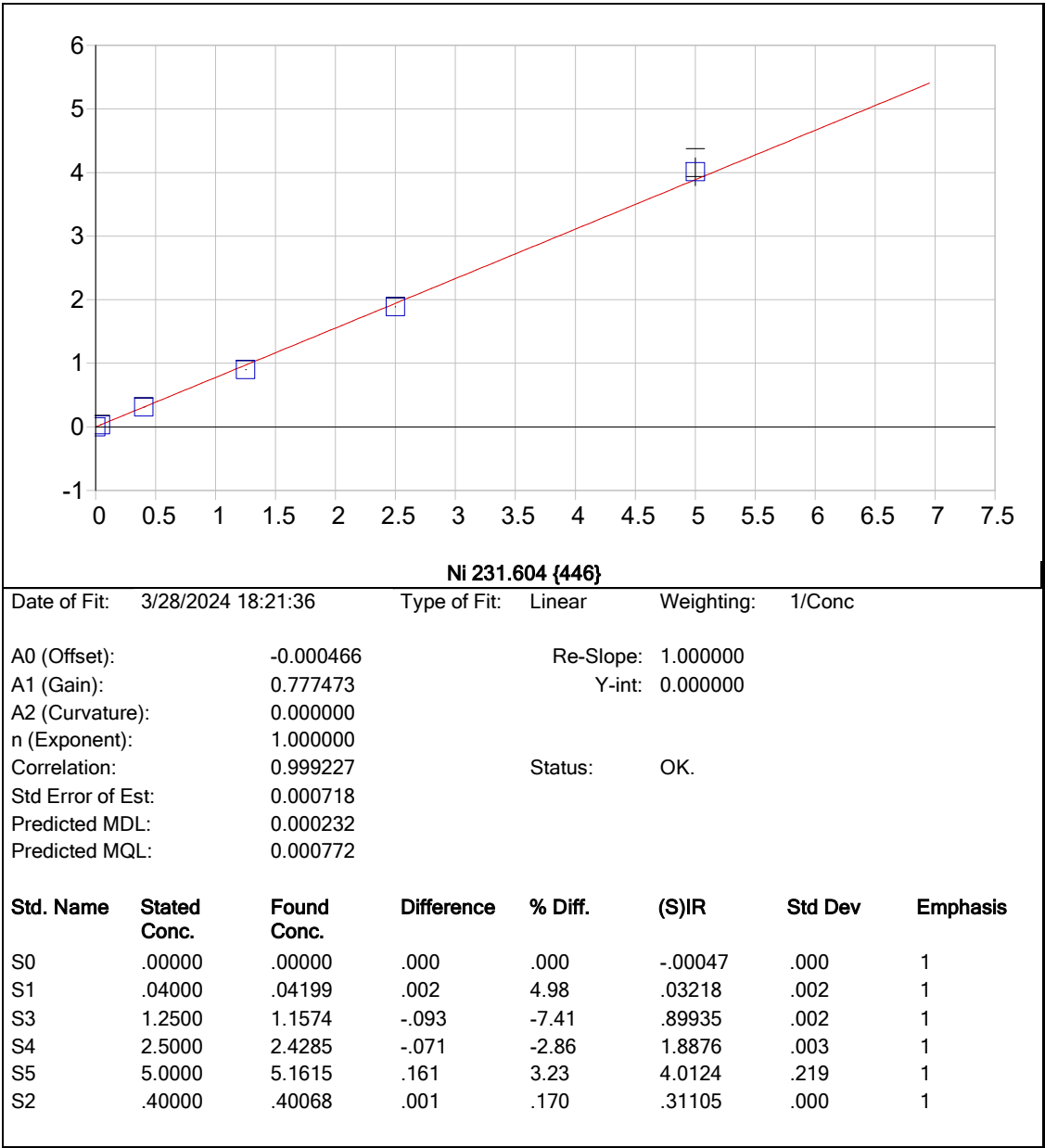


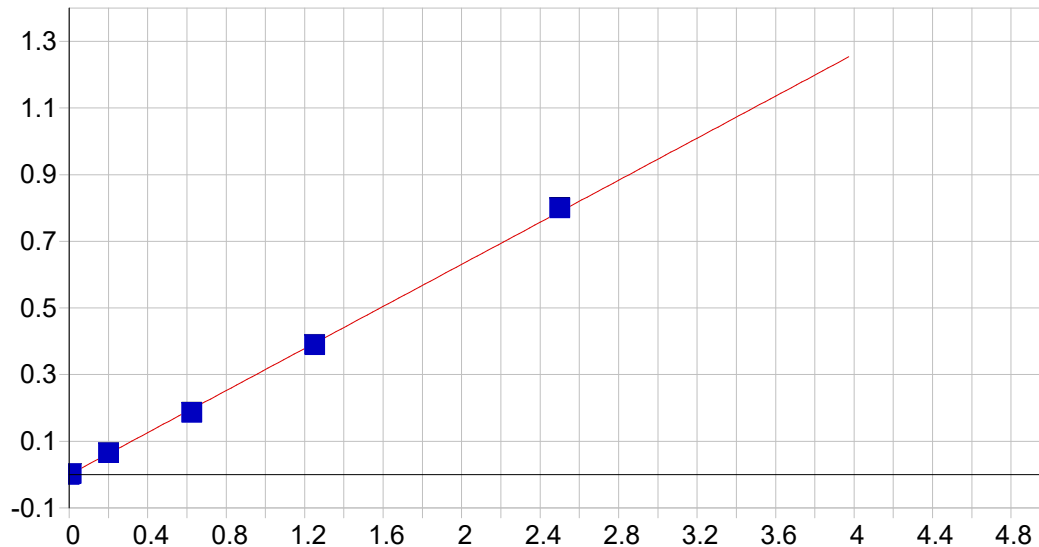
### Mg 279.079 {121}

Date of Fit: 3/28/2024 18:21:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000255 Re-Slope: 1.000000  
 A1 (Gain): 0.009621 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999270 Status: OK.  
 Std Error of Est: 0.000195  
 Predicted MDL: 0.019454  
 Predicted MQL: 0.064845

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00022     | -.000      | .000    | .00025 | .000    | 1        |
| S2        | 4.0000       | 4.0670      | .067       | 1.68    | .03938 | .001    | 1        |
| S3        | 12.500       | 11.707      | -.793      | -6.34   | .11289 | .003    | 1        |
| S4        | 25.000       | 24.421      | -.579      | -2.32   | .23521 | .002    | 1        |
| S5        | 50.000       | 50.981      | .981       | 1.96    | .49075 | .002    | 1        |
| S1        | 2.0000       | 2.3237      | .324       | 16.2    | .02261 | .001    | 1        |



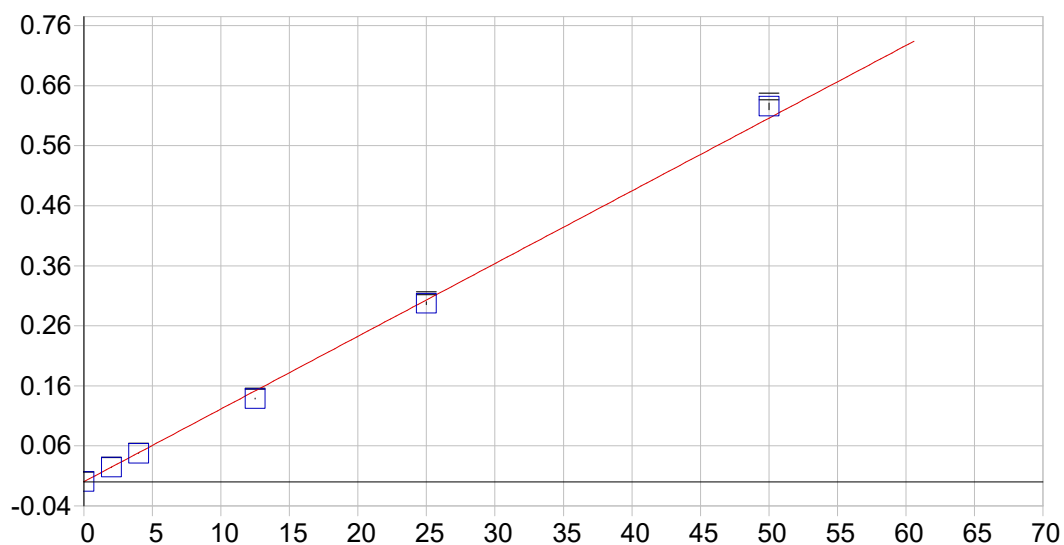


**Ag 328.068 {103}**

Date of Fit: 3/28/2024 18:21:36 Type of Fit: Linear Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000368 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.315605  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999692  | Status:   | OK.      |
| Std Error of Est: | 0.000065  |           |          |
| Predicted MDL:    | 0.000246  |           |          |
| Predicted MQL:    | 0.000821  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00037 | .000    | 1        |
| S1        | .01000       | .01087      | .001       | 8.73    | .00305  | .000    | 1        |
| S3        | .62500       | .59257      | -.032      | -5.19   | .18598  | .000    | 1        |
| S4        | 1.2500       | 1.2359      | -.014      | -1.13   | .38836  | .001    | 1        |
| S5        | 2.5000       | 2.5376      | .038       | 1.51    | .79786  | .002    | 1        |
| S2        | .20000       | .20800      | .008       | 4.00    | .06507  | .000    | 1        |

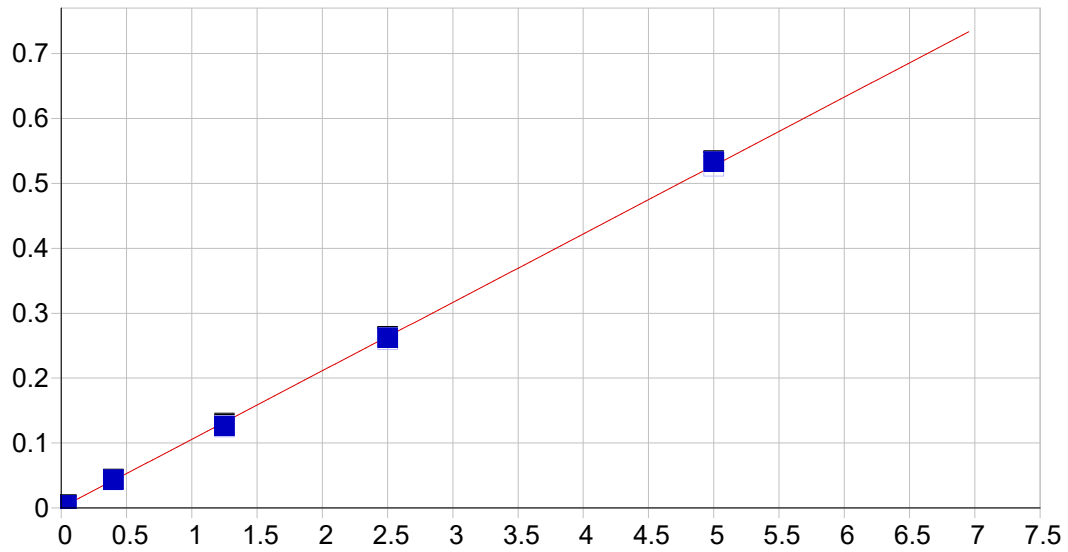


Na 589.592 { 57}

Date of Fit: 3/28/2024 18:21:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000269 Re-Slope: 1.000000  
 A1 (Gain): 0.012112 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999179 Status: OK.  
 Std Error of Est: 0.000260  
 Predicted MDL: 0.009766  
 Predicted MQL: 0.032554

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00020      | .000       | .000    | .00027 | .000    | 1        |
| S2        | 4.0000       | 3.9135      | -.087      | -2.16   | .04767 | .000    | 1        |
| S3        | 12.500       | 11.434      | -1.07      | -8.53   | .13875 | .001    | 1        |
| S4        | 25.000       | 24.549      | -.451      | -1.80   | .29760 | .002    | 1        |
| S5        | 50.000       | 51.622      | 1.62       | 3.24    | .62549 | .006    | 1        |
| S1        | 2.0000       | 1.9818      | -.018      | -.911   | .02427 | .000    | 1        |

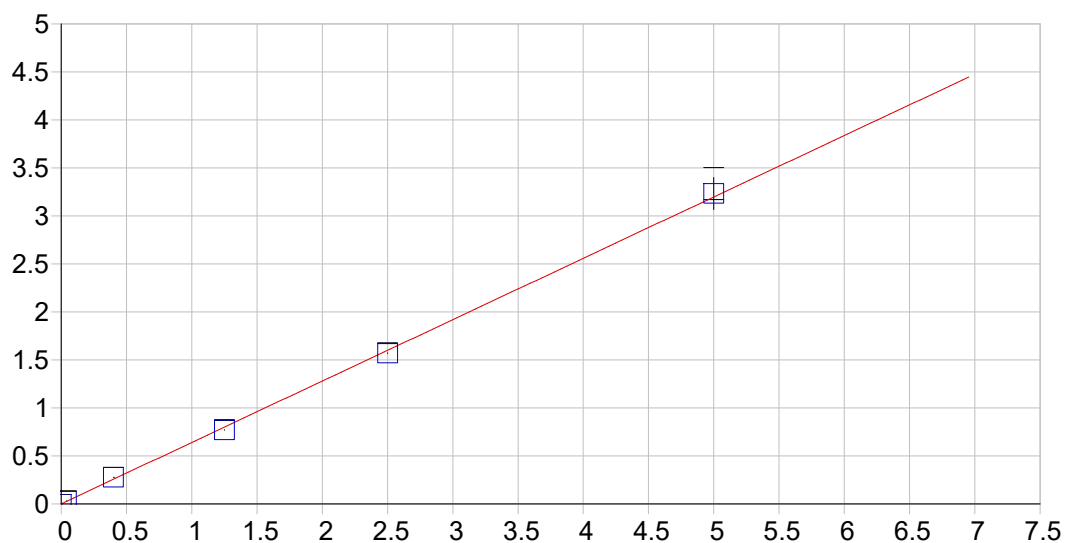


**V 292.402 {115}**

Date of Fit: 3/28/2024 18:21:36      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000335 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.105452 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999808 | Status:   | OK.      |
| Std Error of Est: | 0.000048 |           |          |
| Predicted MDL:    | 0.001615 |           |          |
| Predicted MQL:    | 0.005385 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00033 | .000    | 1        |
| S1        | .04000       | .04104      | .001       | 2.61    | .00451 | .000    | 1        |
| S3        | 1.2500       | 1.1949      | -.055      | -4.41   | .12445 | .004    | 1        |
| S4        | 2.5000       | 2.4864      | -.014      | -.545   | .25875 | .002    | 1        |
| S5        | 5.0000       | 5.0584      | .058       | 1.17    | .52620 | .001    | 1        |
| S2        | .40000       | .40928      | .009       | 2.32    | .04289 | .001    | 1        |

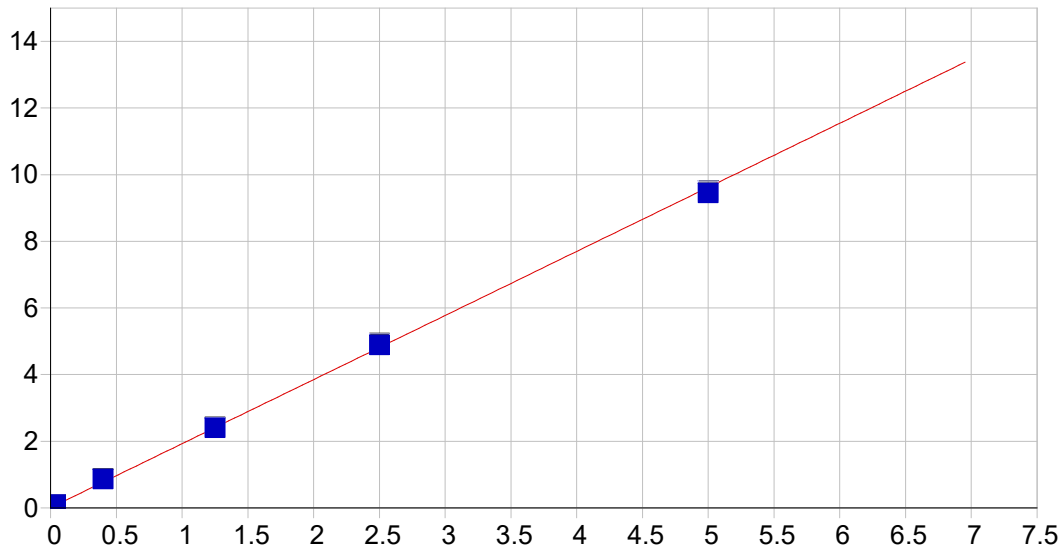


**Zn 206.200 {464}**

Date of Fit: 3/28/2024 18:21:36      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000808 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.639429 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999640 | Status:   | OK.      |
| Std Error of Est: | 0.000403 |           |          |
| Predicted MDL:    | 0.000222 |           |          |
| Predicted MQL:    | 0.000739 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00080 | .000    | 1        |
| S1        | .04000       | .04692      | .007       | 17.3    | .03081 | .002    | 1        |
| S3        | 1.2500       | 1.2033      | -.047      | -3.73   | .77025 | .003    | 1        |
| S4        | 2.5000       | 2.4540      | -.046      | -1.84   | 1.5700 | .004    | 1        |
| S5        | 5.0000       | 5.0559      | .056       | 1.12    | 3.2337 | .168    | 1        |
| S2        | .40000       | .42977      | .030       | 7.44    | .27561 | .000    | 1        |

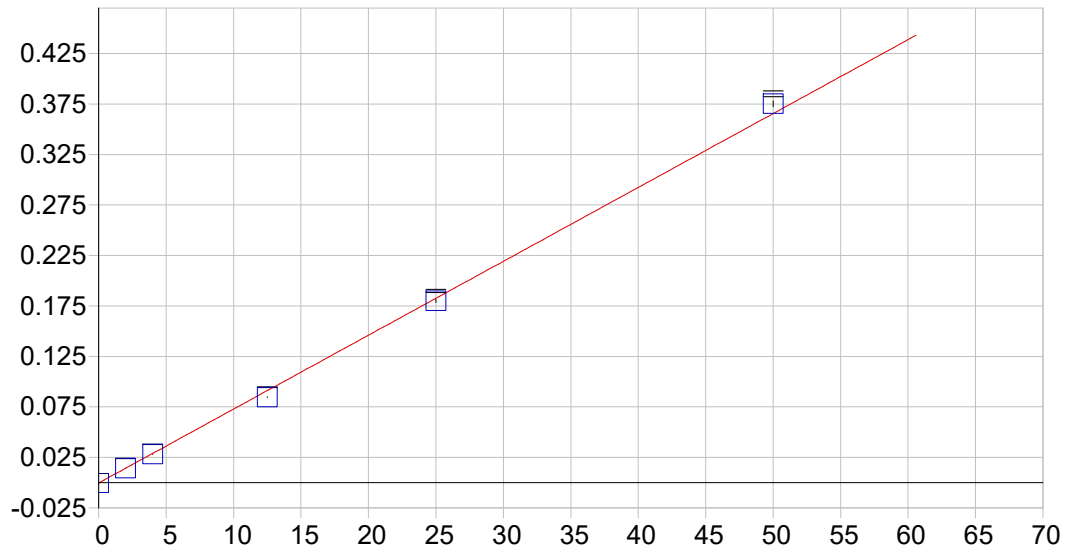


**Zn 213.856 {158}**

Date of Fit: 3/28/2024 18:21:36      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.004723 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 1.923179 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999539 | Status:   | OK.      |
| Std Error of Est: | 0.001381 |           |          |
| Predicted MDL:    | 0.000250 |           |          |
| Predicted MQL:    | 0.000833 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00470 | .001    | 1        |
| S1        | .04000       | .04646      | .006       | 16.2    | .09465 | .002    | 1        |
| S3        | 1.2500       | 1.2464      | -.004      | -.286   | 2.4197 | .008    | 1        |
| S4        | 2.5000       | 2.5407      | .041       | 1.63    | 4.9266 | .022    | 1        |
| S5        | 5.0000       | 4.9105      | -.090      | -1.79   | 9.5198 | .004    | 1        |
| S2        | .40000       | .44598      | .046       | 11.5    | .86812 | .004    | 1        |

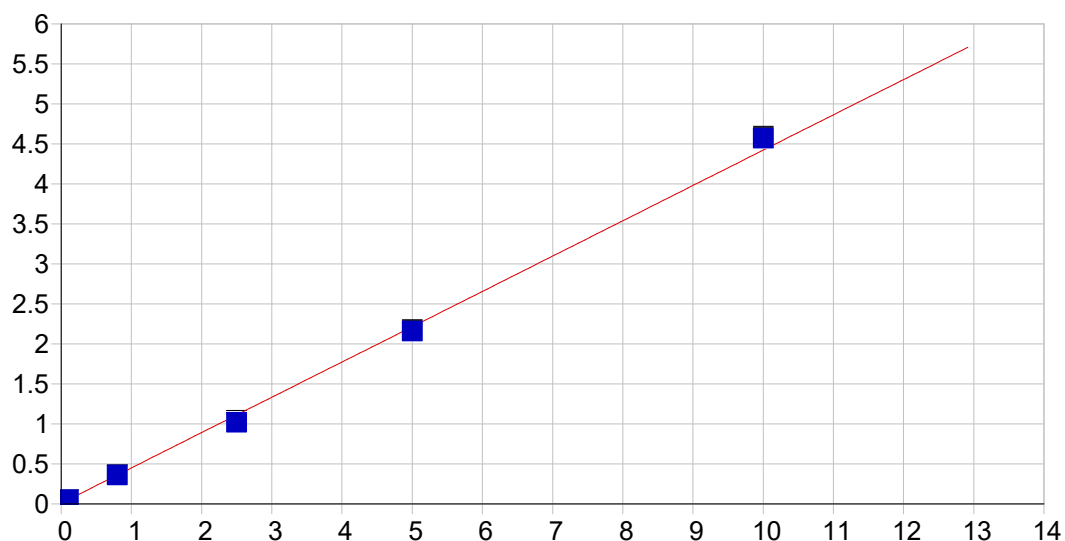


K 766.490 { 44}

Date of Fit: 3/28/2024 18:21:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000347 Re-Slope: 1.000000  
 A1 (Gain): 0.007318 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999439 Status: OK.  
 Std Error of Est: 0.000130  
 Predicted MDL: 0.020271  
 Predicted MQL: 0.067571

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00017      | .000       | .000    | -.00035 | .000    | 1        |
| S2        | 4.0000       | 3.8905      | -.110      | -2.74   | .02812  | .000    | 1        |
| S3        | 12.500       | 11.620      | -.880      | -7.04   | .08468  | .000    | 1        |
| S4        | 25.000       | 24.662      | -.338      | -1.35   | .18012  | .002    | 1        |
| S5        | 50.000       | 51.331      | 1.33       | 2.66    | .37528  | .003    | 1        |
| S1        | 2.0000       | 1.9963      | -.004      | -.184   | .01426  | .000    | 1        |

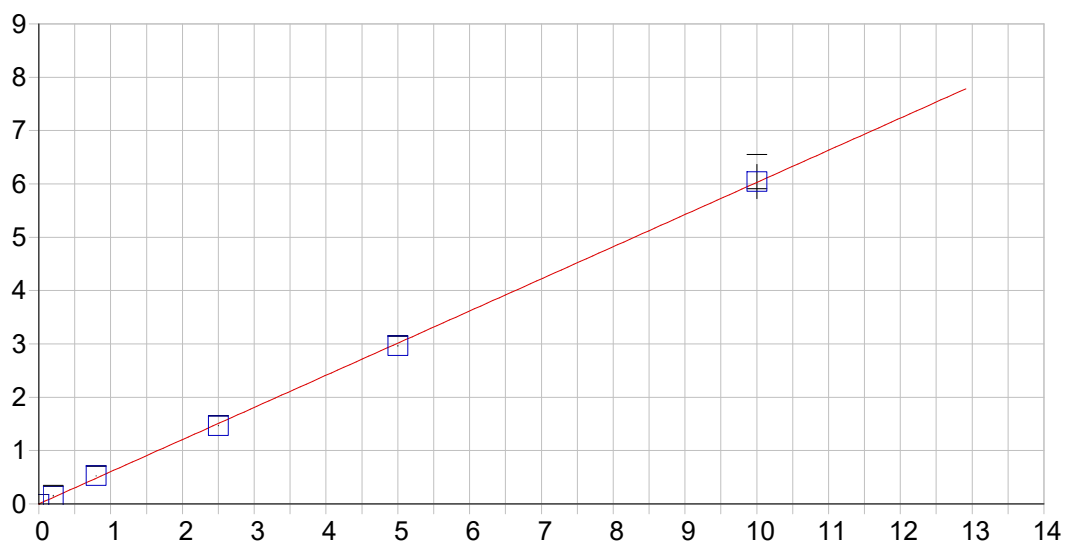


**B 249.678 {135}**

Date of Fit: 3/28/2024 18:21:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008710 Re-Slope: 1.000000  
 A1 (Gain): 0.441280 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999107 Status: OK.  
 Std Error of Est: 0.000977  
 Predicted MDL: 0.000538  
 Predicted MQL: 0.001794

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00871 | .000    | 1        |
| S1        | .10000       | .10004      | .000       | .041    | .05261 | .001    | 1        |
| S3        | 2.5000       | 2.2889      | -.211      | -8.45   | 1.0165 | .027    | 1        |
| S4        | 5.0000       | 4.8744      | -.126      | -2.51   | 2.1551 | .018    | 1        |
| S5        | 10.000       | 10.342      | .342       | 3.42    | 4.5635 | .022    | 1        |
| S2        | .80000       | .79434      | -.006      | -.708   | .35850 | .005    | 1        |

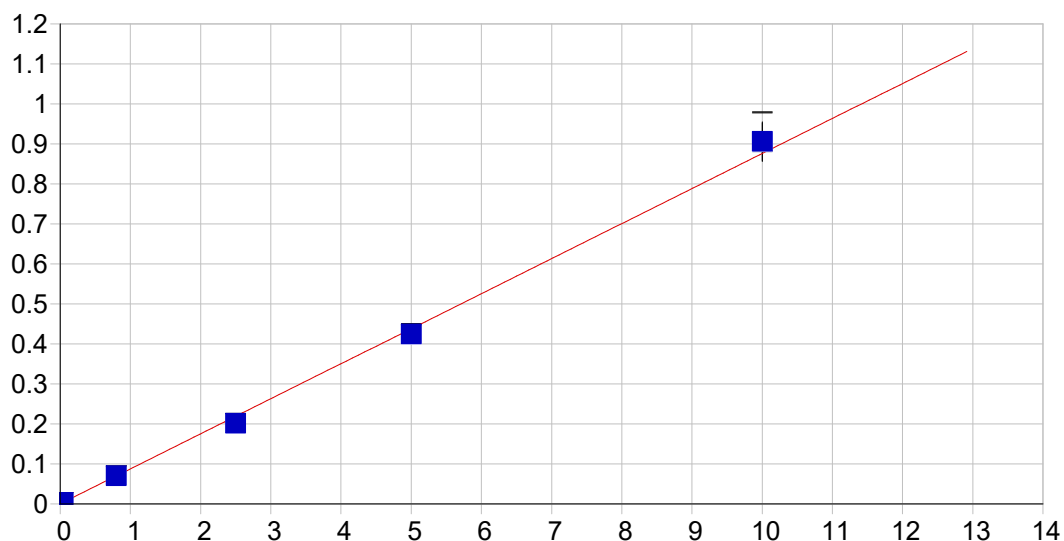


Mo 202.030 {467}

Date of Fit: 3/28/2024 18:21:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000496 Re-Slope: 1.000000  
 A1 (Gain): 0.602750 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999371 Status: OK.  
 Std Error of Est: 0.001592  
 Predicted MDL: 0.000242  
 Predicted MQL: 0.000806

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00006     | -.000      | .000    | .00046 | .000    | 1        |
| S1        | .20000       | .25203      | .052       | 26.0    | .15240 | .008    | 1        |
| S3        | 2.5000       | 2.4295      | -.071      | -2.82   | 1.4649 | .003    | 1        |
| S4        | 5.0000       | 4.9192      | -.081      | -1.62   | 2.9655 | .005    | 1        |
| S5        | 10.000       | 10.028      | .028       | .279    | 6.0448 | .321    | 1        |
| S2        | .80000       | .87139      | .071       | 8.92    | .52573 | .002    | 1        |

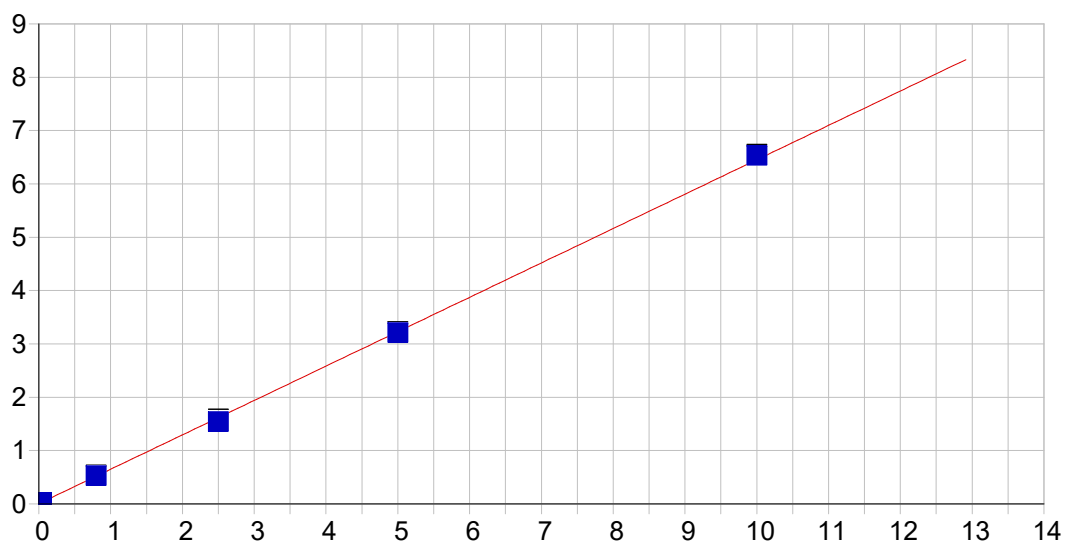


**Sn 189.989 {478}**

Date of Fit: 3/28/2024 18:21:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000108 Re-Slope: 1.000000  
 A1 (Gain): 0.087577 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999084 Status: OK.  
 Std Error of Est: 0.000124  
 Predicted MDL: 0.000863  
 Predicted MQL: 0.002876

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00011 | .000    | 1        |
| S1        | .04000       | .04202      | .002       | 5.05    | .00378 | .000    | 1        |
| S3        | 2.5000       | 2.2983      | -.202      | -8.07   | .20080 | .000    | 1        |
| S4        | 5.0000       | 4.8478      | -.152      | -3.04   | .42349 | .001    | 1        |
| S5        | 10.000       | 10.353      | .353       | 3.53    | .90444 | .049    | 1        |
| S2        | .80000       | .79897      | -.001      | -.128   | .06989 | .000    | 1        |

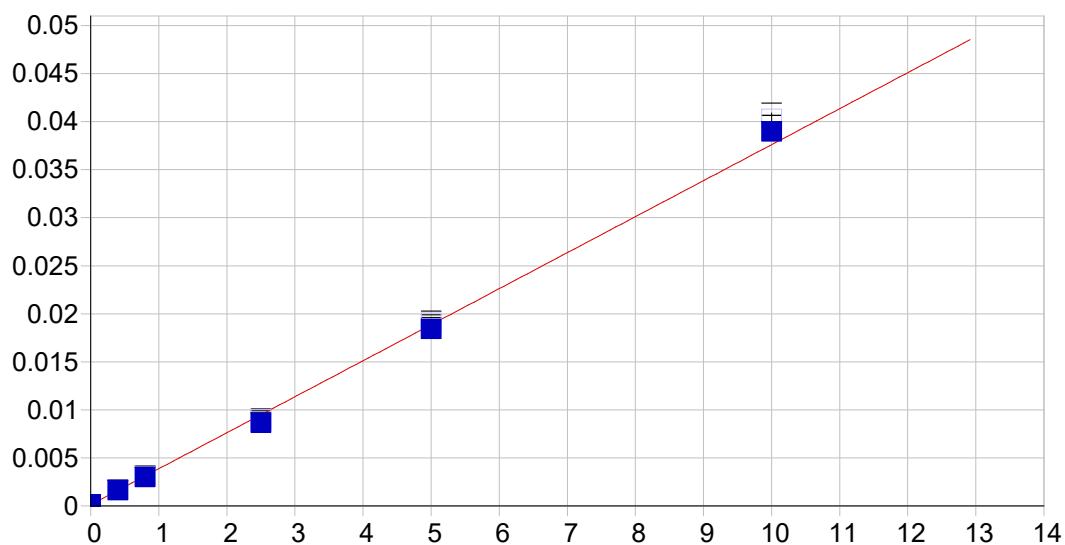


Ti 336.121 {100}

Date of Fit: 3/28/2024 18:21:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005157 Re-Slope: 1.000000  
A1 (Gain): 0.644743 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999801 Status: OK.  
Std Error of Est: 0.000427  
Predicted MDL: 0.000479  
Predicted MQL: 0.001598

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00516 | .001    | 1        |
| S1        | .04000       | .03819      | -.002      | -4.53   | .02977 | .000    | 1        |
| S3        | 2.5000       | 2.3861      | -.114      | -4.56   | 1.5442 | .045    | 1        |
| S4        | 5.0000       | 4.9738      | -.026      | -.525   | 3.2132 | .015    | 1        |
| S5        | 10.000       | 10.127      | .127       | 1.27    | 6.5367 | .019    | 1        |
| S2        | .80000       | .81531      | .015       | 1.91    | .53102 | .009    | 1        |

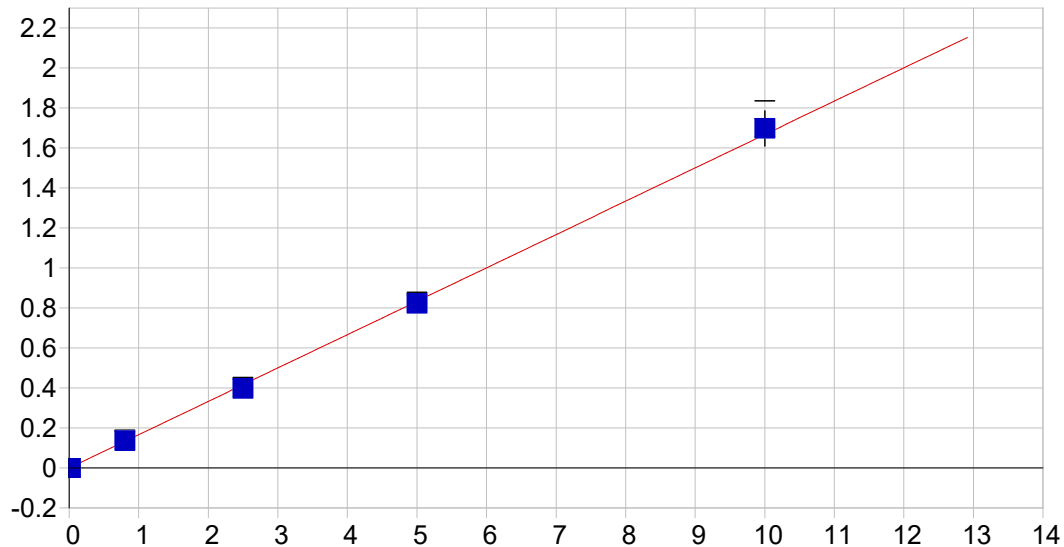


Si 288.158 {117}

Date of Fit: 3/28/2024 18:21:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000119 Re-Slope: 1.000000  
 A1 (Gain): 0.003749 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999078 Status: OK.  
 Std Error of Est: 0.000018  
 Predicted MDL: 0.009332  
 Predicted MQL: 0.031108

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00004      | .000       | .000    | .00012 | .000    | 1        |
| S1        | .40000       | .40663      | .007       | 1.66    | .00165 | .000    | 1        |
| S3        | 2.5000       | 2.2801      | -.220      | -8.79   | .00899 | .000    | 1        |
| S4        | 5.0000       | 4.8785      | -.122      | -2.43   | .01906 | .000    | 1        |
| S5        | 10.000       | 10.365      | .365       | 3.65    | .04027 | .001    | 1        |
| S2        | .80000       | .76970      | -.030      | -3.79   | .00311 | .000    | 1        |

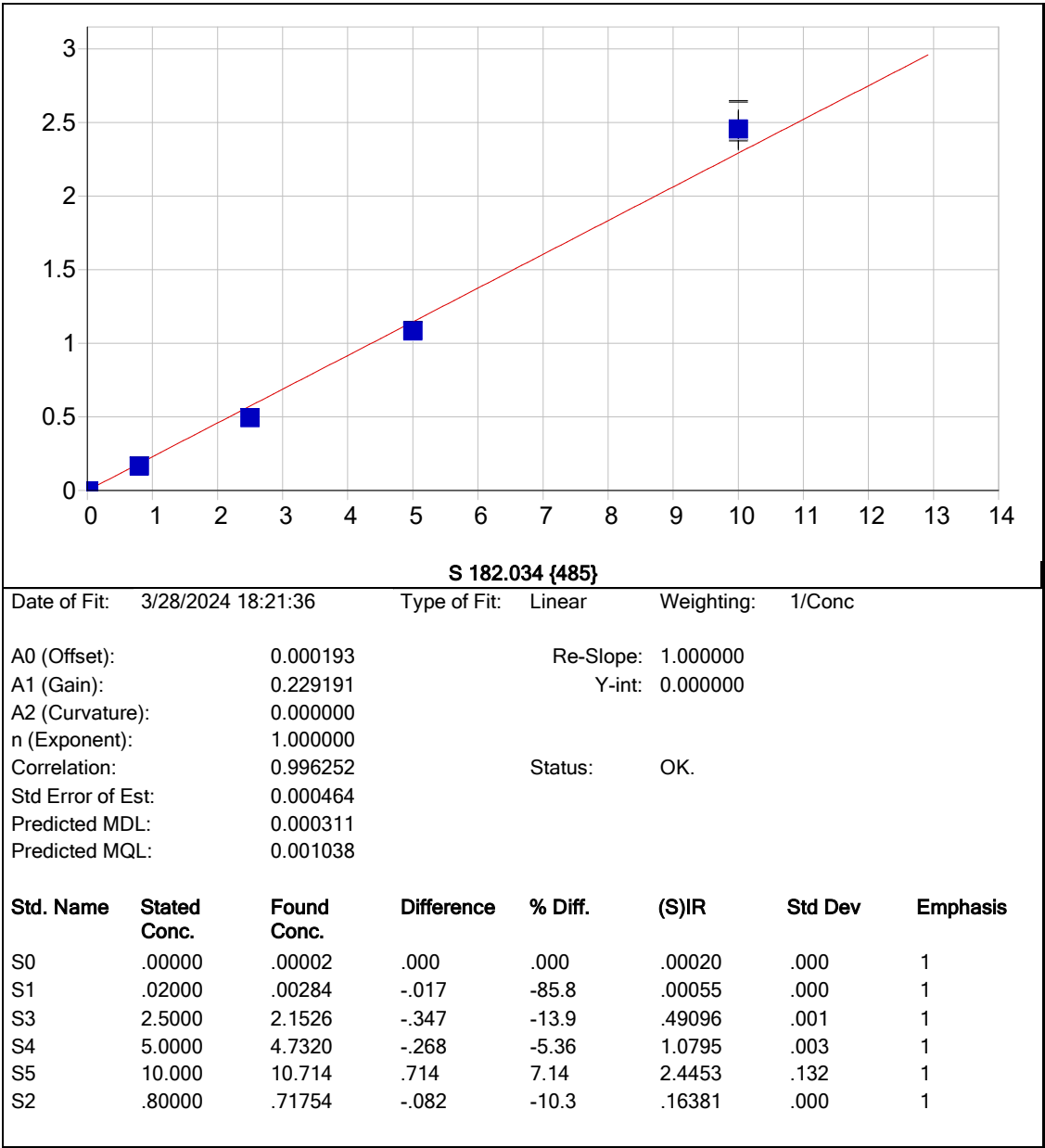


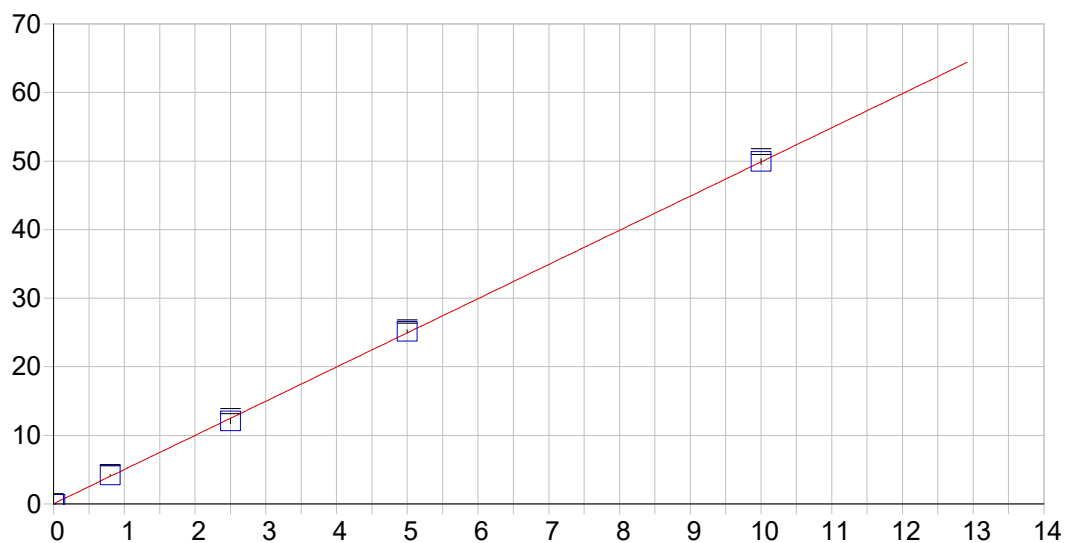
**P 177.495 {490}**

Date of Fit: 3/28/2024 18:21:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000490 Re-Slope: 1.000000  
A1 (Gain): 0.166804 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999288 Status: OK.  
Std Error of Est: 0.000148  
Predicted MDL: 0.000373  
Predicted MQL: 0.001244

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00002      | .000       | .000    | -.00049 | .000    | 1        |
| S1        | .02000       | .00211      | -.018      | -89.5   | -.00013 | .000    | 1        |
| S3        | 2.5000       | 2.3843      | -.116      | -4.63   | .39749  | .006    | 1        |
| S4        | 5.0000       | 4.9320      | -.068      | -1.36   | .82273  | .007    | 1        |
| S5        | 10.000       | 10.180      | .180       | 1.80    | 1.6986  | .088    | 1        |
| S2        | .80000       | .82199      | .022       | 2.75    | .13671  | .002    | 1        |



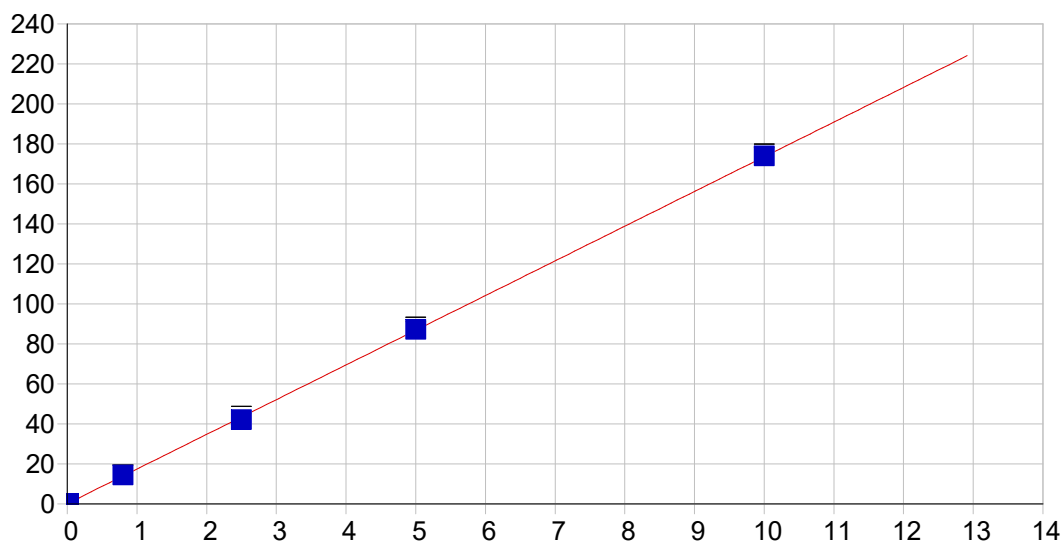


Li 670.784 { 50}

Date of Fit: 3/28/2024 18:21:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.021311 Re-Slope: 1.000000  
 A1 (Gain): 4.984568 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999294 Status: OK.  
 Std Error of Est: 0.004390  
 Predicted MDL: 0.000164  
 Predicted MQL: 0.000548

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00002      | .000       | .000    | .02141 | .014    | 1        |
| S5        | 10.000       | 10.016      | .016       | .158    | 49.946 | .430    | 1        |
| S4        | 5.0000       | 5.0444      | .044       | .888    | 25.165 | .240    | 1        |
| S3        | 2.5000       | 2.4211      | -.079      | -3.16   | 12.089 | .379    | 1        |
| S1        | .02000       | -.00051     | -.021      | -103.   | .01879 | .004    | 1        |
| S2        | .80000       | .83924      | .039       | 4.90    | 4.2045 | .081    | 1        |



**Sr 407.771 { 83}**

Date of Fit: 3/28/2024 18:21:36      Type of Fit: Linear      Weighting: 1/Conc

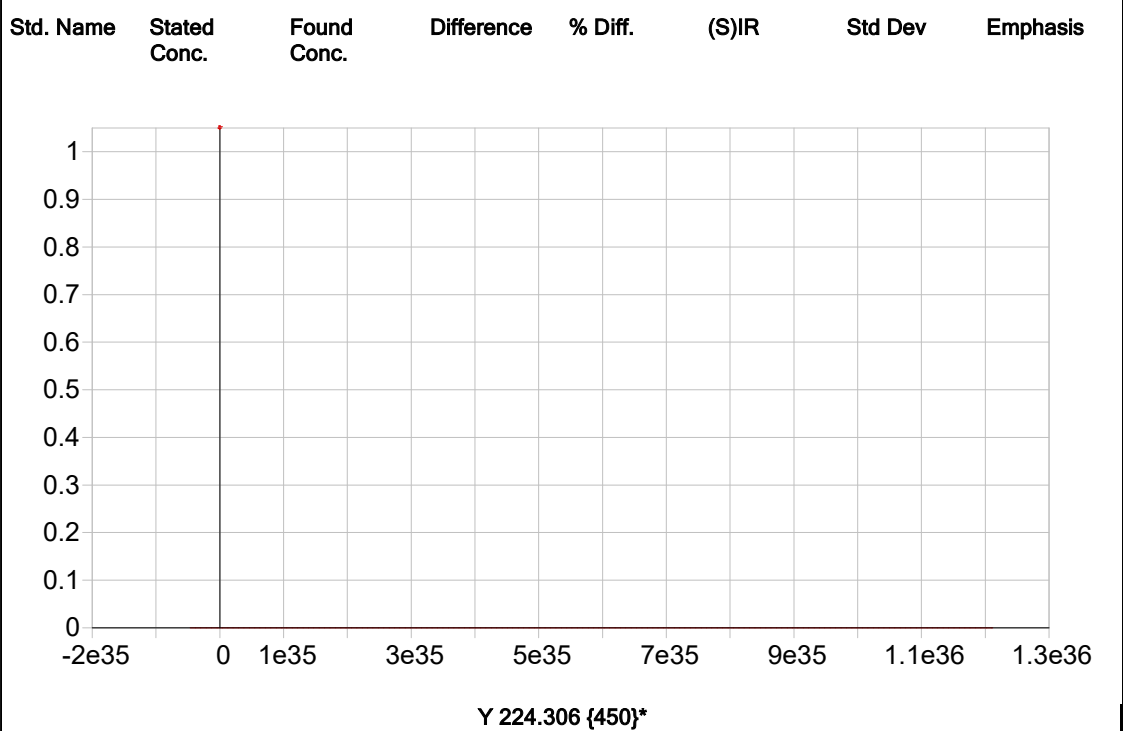
|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | 0.084550  | Re-Slope: | 1.000000 |
| A1 (Gain):        | 17.347551 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999904  | Status:   | OK.      |
| Std Error of Est: | 0.005626  |           |          |
| Predicted MDL:    | 0.000030  |           |          |
| Predicted MQL:    | 0.000100  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .08457 | .043    | 1        |
| S1        | .02000       | .01863      | -.001      | -6.87   | .40942 | .010    | 1        |
| S3        | 2.5000       | 2.4247      | -.075      | -3.01   | 42.191 | 1.67    | 1        |
| S4        | 5.0000       | 5.0241      | .024       | .482    | 87.327 | 1.14    | 1        |
| S5        | 10.000       | 10.025      | .025       | .247    | 174.16 | .860    | 1        |
| S2        | .80000       | .82789      | .028       | 3.49    | 14.460 | .281    | 1        |



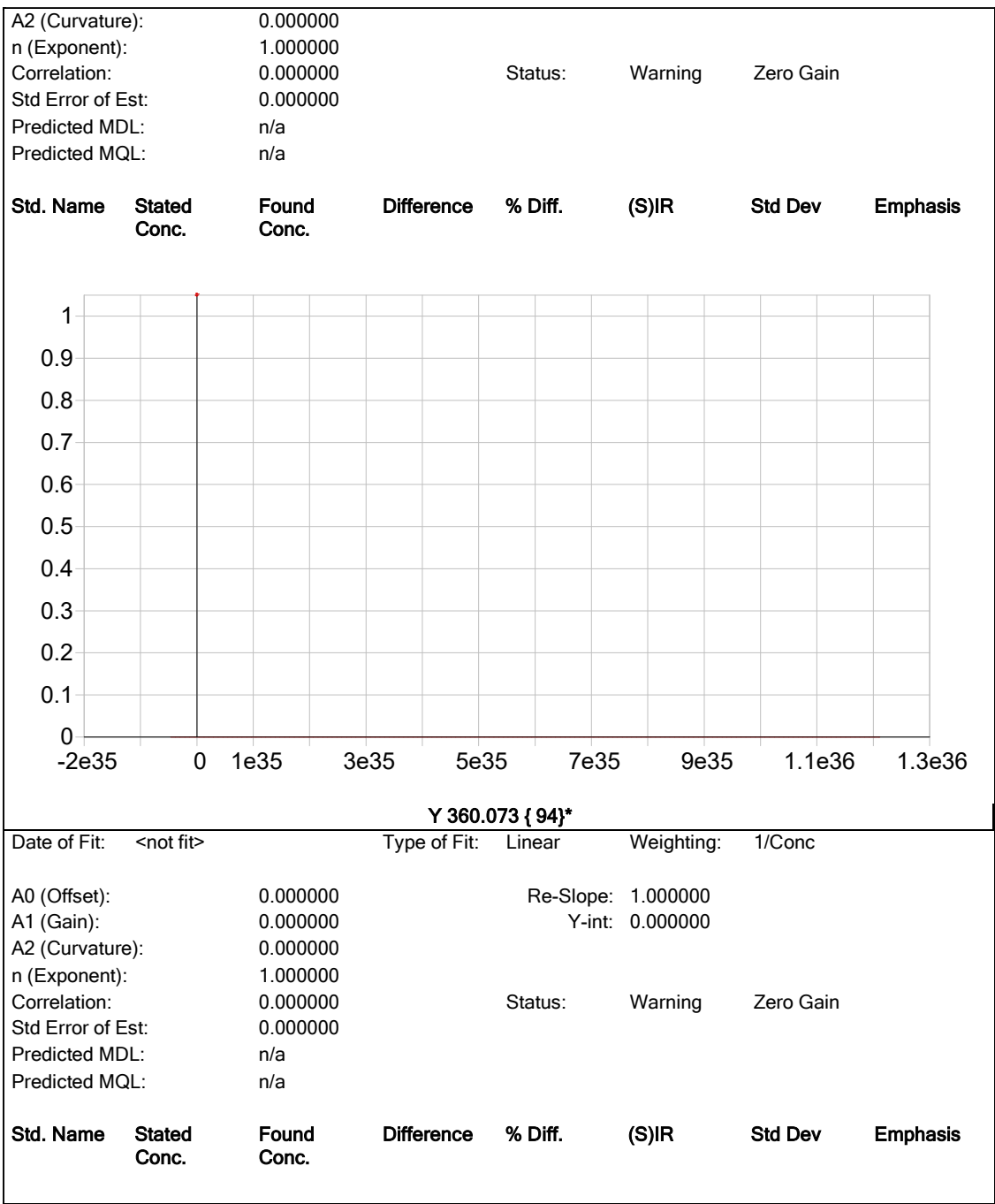
Date of Fit: 3/28/2024 18:21:36      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |                        |
|-------------------|----------|-----------|------------------------|
| 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: | 0.002788 |           |                        |
| Predicted MDL:    | 0.053515 |           |                        |
| Predicted MQL:    | 0.178384 |           |                        |



Date of Fit: 3/28/2024 18:21:36      Type of Fit: Linear      Weighting: 1/Conc

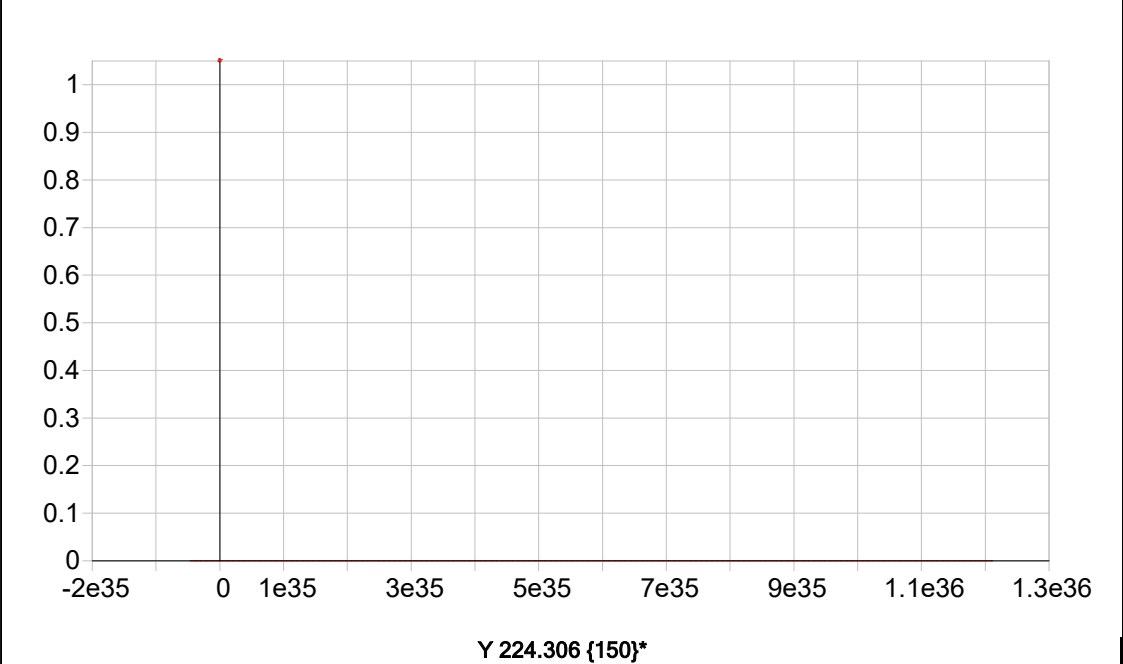
|              |          |           |          |
|--------------|----------|-----------|----------|
| A0 (Offset): | 0.000000 | Re-Slope: | 1.000000 |
| A1 (Gain):   | 0.000000 | Y-int:    | 0.000000 |





|                   |           |              |          |            |        |
|-------------------|-----------|--------------|----------|------------|--------|
| 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 |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|



|              |           |              |          |            |        |
|--------------|-----------|--------------|----------|------------|--------|
| 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: 3/28/2024 10:20:24      Type: Cal  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |        |         |         |          |         |
|--------|--------|---------|--------|--------|---------|---------|----------|---------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960 | Sb2068  | Al3961  | Ba4934   | Be2348  |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm     | ppm     | ppm      | ppm     |
| Avg    | .00000 | -.00000 | .00000 | .00000 | -.00000 | -.00002 | -.00000  | -.00000 |
| Stddev | .00148 | .00052  | .00027 | .00083 | .00055  | .00895  | .00529   | .00006  |
| %RSD   | 71658. | 28418.  | 18829. | 79450. | 23459.  | 37716.  | 1325500. | 133390. |

|    |         |         |         |         |         |         |         |         |
|----|---------|---------|---------|---------|---------|---------|---------|---------|
| #1 | -.00137 | -.00023 | -.00020 | -.00066 | .00055  | .00646  | .00572  | .00007  |
| #2 | -.00020 | .00059  | .00031  | -.00027 | -.00001 | .00370  | -.00101 | -.00001 |
| #3 | .00158  | -.00037 | -.00010 | .00093  | -.00055 | -.01023 | -.00471 | -.00006 |

|        |        |         |         |        |         |         |         |         |
|--------|--------|---------|---------|--------|---------|---------|---------|---------|
| Elem   | Cd2265 | Ca3736  | Cr2677  | Co2286 | Cu2247  | Fe2404  | Mn2576  | Mg2790  |
| Units  | ppm    | ppm     | ppm     | ppm    | ppm     | ppm     | ppm     | ppm     |
| Avg    | .00000 | -.00016 | -.00000 | .00000 | -.00000 | -.00000 | -.00000 | -.00022 |
| Stddev | .00005 | .01568  | .00023  | .00013 | .00022  | .00215  | .00136  | .00622  |
| %RSD   | 29579. | 9535.5  | 10653.  | 13442. | 5380.3  | 92178.  | 416800. | 2783.6  |

|    |         |         |         |         |         |         |         |         |
|----|---------|---------|---------|---------|---------|---------|---------|---------|
| #1 | .00002  | .01467  | .00009  | .00004  | .00018  | .00248  | .00140  | .00150  |
| #2 | .00004  | .00141  | -.00026 | .00010  | .00006  | -.00128 | -.00008 | -.00712 |
| #3 | -.00006 | -.01657 | .00016  | -.00014 | -.00025 | -.00121 | -.00132 | .00495  |

|        |        |         |        |         |         |        |        |         |
|--------|--------|---------|--------|---------|---------|--------|--------|---------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924  | Zn2138  | K_7664 | B_2496 | Mo2020  |
| Units  | ppm    | ppm     | ppm    | ppm     | ppm     | ppm    | ppm    | ppm     |
| Avg    | .00000 | -.00000 | .00020 | -.00000 | -.00001 | .00017 | .00001 | -.00006 |
| Stddev | .00017 | .00002  | .02494 | .00116  | .00051  | .01638 | .00087 | .00021  |
| %RSD   | 21954. | 2969.3  | 12271. | 127630. | 4643.5  | 9467.5 | 10802. | 346.19  |

|    |         |         |         |         |         |         |         |         |
|----|---------|---------|---------|---------|---------|---------|---------|---------|
| #1 | .00004  | .00001  | .02519  | .00113  | .00057  | .01365  | .00101  | -.00008 |
| #2 | .00014  | -.00003 | .00012  | .00005  | -.00032 | .00493  | -.00042 | .00016  |
| #3 | -.00018 | .00002  | -.02470 | -.00119 | -.00028 | -.01806 | -.00057 | -.00027 |

|        |        |        |        |        |        |        |         |  |
|--------|--------|--------|--------|--------|--------|--------|---------|--|
| Elem   | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077  |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |  |
| Avg    | .00000 | .00000 | .00004 | .00002 | .00002 | .00002 | .00000  |  |
| Stddev | .00028 | .00227 | .00508 | .00042 | .00026 | .00278 | .00250  |  |
| %RSD   | 26134. | 88422. | 13081. | 2335.5 | 1247.1 | 13952. | 220120. |  |

|    |         |         |         |         |         |         |         |  |
|----|---------|---------|---------|---------|---------|---------|---------|--|
| #1 | .00032  | .00242  | -.00155 | .00050  | .00022  | .00298  | .00263  |  |
| #2 | -.00021 | -.00032 | .00572  | -.00012 | .00012  | -.00039 | -.00028 |  |
| #3 | -.00011 | -.00209 | -.00405 | -.00032 | -.00028 | -.00254 | -.00234 |  |

Sample Name: S0      Acquired: 3/28/2024 10:20:24      Type: Cal  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 3729.9 | 88707. | 14045. | 3059.7 | 5493.3 |
| Stddev    | 8.4    | 40.    | 137.   | 8.6    | 16.0   |
| %RSD      | .22460 | .04553 | .97452 | .28232 | .29072 |
| #1        | 3739.4 | 88753. | 14183. | 3055.3 | 5511.8 |
| #2        | 3723.5 | 88676. | 14043. | 3069.7 | 5484.9 |
| #3        | 3726.8 | 88693. | 13909. | 3054.2 | 5483.4 |

Sample Name: S1      Acquired: 3/28/2024 10:24:49      Type: Cal  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01950 | .04438 | .01154 | .02138 | .05508 | .12851 | .10070 | .00619 |
| Stddev | .00157 | .00468 | .00085 | .00522 | .00337 | .00362 | .00068 | .00006 |
| %RSD   | 8.0453 | 10.547 | 7.3751 | 24.415 | 6.1108 | 2.8207 | .67894 | .96679 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01832 | .04365 | .01088 | .01764 | .05359 | .13193 | .10009 | .00613 |
| #2 | .02128 | .04937 | .01250 | .02734 | .05894 | .12891 | .10144 | .00624 |
| #3 | .01890 | .04010 | .01124 | .01915 | .05272 | .12471 | .10058 | .00621 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00643 | 2.1998 | .01127 | .03128 | .02377 | .10531 | .02025 | 2.3237 |
| Stddev | .00040 | .0220  | .00008 | .00183 | .00126 | .00303 | .00014 | .0709  |
| %RSD   | 6.2649 | 1.0010 | .70920 | 5.8441 | 5.2817 | 2.8804 | .70959 | 3.0507 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00626 | 2.1750 | .01121 | .03036 | .02308 | .10875 | .02038 | 2.2476 |
| #2 | .00689 | 2.2169 | .01125 | .03339 | .02522 | .10304 | .02009 | 2.3359 |
| #3 | .00614 | 2.2077 | .01136 | .03010 | .02301 | .10413 | .02028 | 2.3878 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04199 | .01087 | 1.9818 | .04142 | .04644 | 1.9963 | .10014 | .25203 |
| Stddev | .00249 | .00021 | .0236  | .00076 | .00091 | .0248  | .00127 | .01381 |
| %RSD   | 5.9274 | 1.9592 | 1.1922 | 1.8448 | 1.9563 | 1.2413 | 1.2665 | 5.4806 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .04060 | .01108 | 1.9608 | .04190 | .04603 | 1.9746 | .09870 | .24511 |
| #2 | .04487 | .01089 | 1.9772 | .04183 | .04748 | 1.9910 | .10110 | .26793 |
| #3 | .04051 | .01065 | 2.0074 | .04054 | .04581 | 2.0233 | .10062 | .24304 |

|        |        |        |        |        |        |         |        |  |
|--------|--------|--------|--------|--------|--------|---------|--------|--|
| Elem   | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707  | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    |  |
| Avg    | .04202 | .03819 | .40654 | .00210 | .00321 | -.00051 | .01862 |  |
| Stddev | .00277 | .00025 | .00362 | .00024 | .00015 | .00081  | .00055 |  |
| %RSD   | 6.5952 | .66656 | .89035 | 11.237 | 4.7002 | 159.31  | 2.9294 |  |

|    |        |        |        |        |        |         |        |  |
|----|--------|--------|--------|--------|--------|---------|--------|--|
| #1 | .04078 | .03811 | .40900 | .00191 | .00326 | .00035  | .01914 |  |
| #2 | .04519 | .03847 | .40823 | .00236 | .00332 | -.00062 | .01867 |  |
| #3 | .04008 | .03799 | .40238 | .00203 | .00304 | -.00125 | .01805 |  |

Sample Name: S1      Acquired: 3/28/2024 10:24:49      Type: Cal  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 3604.8 | 86380. | 13840. | 2992.8 | 5240.6 |
| Stddev    | 168.1  | 244.   | 167.   | 17.4   | 250.5  |
| %RSD      | 4.6631 | .28277 | 1.2068 | .58145 | 4.7802 |
| #1        | 3689.1 | 86605. | 14032. | 3009.0 | 5369.2 |
| #2        | 3411.2 | 86414. | 13760. | 2995.1 | 4951.9 |
| #3        | 3714.0 | 86120. | 13728. | 2974.4 | 5400.7 |

Sample Name: S2      Acquired: 3/28/2024 10:29:15      Type: Cal  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .79655 | .81121 | .79617 | .78044 | .81025 | 1.6116 | 1.6375 | .04119 | .39130 |
| Stddev | .00017 | .00443 | .00128 | .00231 | .00423 | .0186  | .0314  | .00045 | .00065 |
| %RSD   | .02148 | .54652 | .16111 | .29635 | .52260 | 1.1564 | 1.9188 | 1.0997 | .16509 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .79674 | .81206 | .79695 | .77790 | .80548 | 1.5916 | 1.6025 | .04067 | .39198 |
| #2 | .79642 | .81516 | .79469 | .78243 | .81357 | 1.6149 | 1.6470 | .04138 | .39070 |
| #3 | .79648 | .80642 | .79688 | .78099 | .81170 | 1.6284 | 1.6631 | .04152 | .39123 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.1039 | .17592 | .39953 | .21260 | .80671 | .41511 | 4.0670 | .40068 | .20802 |
| Stddev | .0669  | .00031 | .00023 | .00092 | .00600 | .00706 | .0752  | .00010 | .00048 |
| %RSD   | 1.6297 | .17439 | .05819 | .43217 | .74361 | 1.7016 | 1.8488 | .02438 | .23159 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.0295 | .17563 | .39940 | .21180 | .80301 | .40754 | 3.9907 | .40059 | .20748 |
| #2 | 4.1233 | .17589 | .39980 | .21240 | .81363 | .41627 | 4.0694 | .40068 | .20816 |
| #3 | 4.1590 | .17624 | .39939 | .21361 | .80350 | .42153 | 4.1410 | .40078 | .20841 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.9135 | .40983 | .44596 | 3.8905 | .79447 | .87139 | .79901 | .81530 | .76967 |
| Stddev | .0153  | .00753 | .00193 | .0250  | .01043 | .00298 | .00070 | .01403 | .01022 |
| %RSD   | .39077 | 1.8386 | .43281 | .64392 | 1.3125 | .34236 | .08759 | 1.7213 | 1.3278 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.8958 | .40118 | .44391 | 3.8619 | .78287 | .86868 | .79974 | .79917 | .76233 |
| #2 | 3.9216 | .41501 | .44774 | 3.9088 | .79750 | .87459 | .79834 | .82204 | .76534 |
| #3 | 3.9230 | .41328 | .44623 | 3.9007 | .80305 | .87090 | .79893 | .82470 | .78134 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | P_1774 | S_1820 | Li6707 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .82199 | .71797 | .83924 | .82788 |
| Stddev | .01413 | .00206 | .01628 | .01621 |
| %RSD   | 1.7188 | .28746 | 1.9398 | 1.9578 |

|    |        |        |        |        |
|----|--------|--------|--------|--------|
| #1 | .83749 | .72020 | .82105 | .81011 |
| #2 | .81864 | .71759 | .84421 | .83169 |
| #3 | .80984 | .71612 | .85245 | .84185 |

Sample Name: S2      Acquired: 3/28/2024 10:29:15      Type: Cal  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 3585.4 | 83437. | 13606. | 2898.8 | 5072.9 |
| Stddev    | 7.7    | 211.   | 160.   | 4.7    | 3.8    |
| %RSD      | .21462 | .25264 | 1.1762 | .16135 | .07405 |
| #1        | 3593.6 | 83430. | 13757. | 2904.2 | 5073.5 |
| #2        | 3578.3 | 83651. | 13623. | 2897.0 | 5076.3 |
| #3        | 3584.4 | 83230. | 13438. | 2895.3 | 5068.9 |

Sample Name: S3      Acquired: 3/28/2024 10:33:25      Type: Cal  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |               |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | As1890        | Tl1908        | Pb2203        | Se1960        | Sb2068        | Al3961        | Ba4934        | Be2348        | Cd2265        |
| Units  | ppm           | ppm           | ppm           | ppm           | ppm           | ppm           | ppm           | ppm           | ppm           |
| Avg    | <b>2.3026</b> | <b>2.3024</b> | <b>2.2918</b> | <b>2.2431</b> | <b>2.3238</b> | <b>4.7066</b> | <b>4.8600</b> | <b>.11765</b> | <b>1.1396</b> |
| Stddev | .0116         | .0070         | .0082         | .0117         | .0093         | .1466         | .2294         | .00284        | .0028         |
| %RSD   | .50250        | .30440        | .35814        | .52279        | .39946        | 3.1139        | 4.7199        | 2.4181        | .24303        |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.2945 | 2.2946 | 2.3011 | 2.2298 | 2.3180 | 4.5572 | 4.6514 | .11469 | 1.1422 |
| #2 | 2.2976 | 2.3041 | 2.2856 | 2.2474 | 2.3189 | 4.8501 | 5.1056 | .12037 | 1.1367 |
| #3 | 2.3159 | 2.3083 | 2.2887 | 2.2520 | 2.3346 | 4.7126 | 4.8229 | .11789 | 1.1398 |

|        |               |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Ca3736        | Cr2677        | Co2286        | Cu2247        | Fe2404        | Mn2576        | Mg2790        | Ni2316        | Ag3280        |
| Units  | ppm           | ppm           | ppm           | ppm           | ppm           | ppm           | ppm           | ppm           | ppm           |
| Avg    | <b>11.965</b> | <b>.49559</b> | <b>1.1539</b> | <b>.60001</b> | <b>2.3937</b> | <b>1.2042</b> | <b>11.707</b> | <b>1.1574</b> | <b>.59248</b> |
| Stddev | .340          | .00132        | .0026         | .00171        | .0118         | .0352         | .355          | .0021         | .00112        |
| %RSD   | 2.8439        | .26571        | .22921        | .28473        | .49082        | 2.9217        | 3.0296        | .17855        | .18839        |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 11.600 | .49700 | 1.1559 | .59895 | 2.3815 | 1.1671 | 11.315 | 1.1581 | .59372 |
| #2 | 12.274 | .49439 | 1.1509 | .59911 | 2.3947 | 1.2371 | 12.005 | 1.1550 | .59215 |
| #3 | 12.020 | .49537 | 1.1548 | .60199 | 2.4049 | 1.2084 | 11.801 | 1.1590 | .59155 |

|        |               |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Na5895        | V_2924        | Zn2138        | K_7664        | B_2496        | Mo2020        | Sn1899        | Ti3361        | Si2881        |
| Units  | ppm           | ppm           | ppm           | ppm           | ppm           | ppm           | ppm           | ppm           | ppm           |
| Avg    | <b>11.434</b> | <b>1.1944</b> | <b>1.2471</b> | <b>11.620</b> | <b>2.2890</b> | <b>2.4295</b> | <b>2.2979</b> | <b>2.3861</b> | <b>2.2866</b> |
| Stddev | .080          | .0395         | .0043         | .050          | .0609         | .0051         | .0041         | .0703         | .0164         |
| %RSD   | .69526        | 3.3079        | .34714        | .43404        | 2.6595        | .20901        | .17651        | 2.9472        | .71823        |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 11.344 | 1.1520 | 1.2442 | 11.562 | 2.2303 | 2.4245 | 2.3026 | 2.3104 | 2.2677 |
| #2 | 11.465 | 1.2302 | 1.2450 | 11.656 | 2.3518 | 2.4293 | 2.2957 | 2.4494 | 2.2966 |
| #3 | 11.493 | 1.2010 | 1.2521 | 11.641 | 2.2849 | 2.4346 | 2.2955 | 2.3985 | 2.2956 |

|        |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|
| Elem   | P_1774        | S_1820        | Li6707        | Sr4077        |
| Units  | ppm           | ppm           | ppm           | ppm           |
| Avg    | <b>2.3844</b> | <b>2.1524</b> | <b>2.4211</b> | <b>2.4248</b> |
| Stddev | .0339         | .0051         | .0760         | .0960         |
| %RSD   | 1.4202        | .23814        | 3.1368        | 3.9602        |

|    |        |        |        |        |
|----|--------|--------|--------|--------|
| #1 | 2.4201 | 2.1582 | 2.3397 | 2.3338 |
| #2 | 2.3805 | 2.1504 | 2.4901 | 2.5252 |
| #3 | 2.3527 | 2.1485 | 2.4335 | 2.4154 |

Sample Name: S3      Acquired: 3/28/2024 10:33:25      Type: Cal  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 3455.1 | 80873. | 13377. | 2798.1 | 4742.4 |
| Stddev    | 15.1   | 127.   | 312.   | 7.4    | 15.4   |
| %RSD      | .43610 | .15761 | 2.3293 | .26577 | .32489 |
| #1        | 3471.4 | 80726. | 13685. | 2798.2 | 4755.8 |
| #2        | 3452.1 | 80954. | 13062. | 2805.5 | 4745.8 |
| #3        | 3441.8 | 80939. | 13383. | 2790.7 | 4725.6 |

Sample Name: S4      Acquired: 3/28/2024 10:37:44      Type: Cal  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.8470 | 4.8128 | 4.8388 | 4.7868 | 4.8698 | 9.8755 | 9.9281 | .24623 | 2.4203 |
| Stddev | .0049  | .0381  | .0032  | .0060  | .0087  | .0476  | .1083  | .00179 | .0049  |
| %RSD   | .10014 | .79185 | .06706 | .12648 | .17897 | .48155 | 1.0911 | .72822 | .20289 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.8487 | 4.8201 | 4.8426 | 4.7930 | 4.8781 | 9.8229 | 9.8056 | .24582 | 2.4244 |
| #2 | 4.8415 | 4.7716 | 4.8373 | 4.7809 | 4.8705 | 9.8880 | 9.9675 | .24467 | 2.4149 |
| #3 | 4.8507 | 4.8467 | 4.8366 | 4.7865 | 4.8607 | 9.9155 | 10.011 | .24819 | 2.4217 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.723 | 1.0005 | 2.4234 | 1.2315 | 4.9474 | 2.4831 | 24.421 | 2.4285 | 1.2359 |
| Stddev | .163   | .0020  | .0033  | .0029  | .0301  | .0175  | .179   | .0044  | .0029  |
| %RSD   | .65885 | .19961 | .13643 | .23690 | .60817 | .70361 | .73488 | .17987 | .23085 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.557 | 1.0019 | 2.4259 | 1.2343 | 4.9258 | 2.4645 | 24.225 | 2.4328 | 1.2330 |
| #2 | 24.730 | 1.0015 | 2.4197 | 1.2319 | 4.9817 | 2.4857 | 24.460 | 2.4241 | 1.2388 |
| #3 | 24.883 | .99824 | 2.4246 | 1.2284 | 4.9345 | 2.4992 | 24.578 | 2.4286 | 1.2359 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.549 | 2.4858 | 2.5412 | 24.662 | 4.8745 | 4.9192 | 4.8477 | 4.9737 | 4.8830 |
| Stddev | .196   | .0159  | .0116  | .209   | .0410  | .0082  | .0117  | .0237  | .0500  |
| %RSD   | .79759 | .63813 | .45485 | .84853 | .84174 | .16754 | .24131 | .47634 | 1.0246 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.493 | 2.4689 | 2.5279 | 24.560 | 4.8512 | 4.9259 | 4.8509 | 4.9476 | 4.8272 |
| #2 | 24.767 | 2.4881 | 2.5463 | 24.903 | 4.8505 | 4.9100 | 4.8347 | 4.9797 | 4.9237 |
| #3 | 24.387 | 2.5004 | 2.5493 | 24.523 | 4.9219 | 4.9217 | 4.8574 | 4.9939 | 4.8981 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | P_1774 | S_1820 | Li6707 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.9321 | 4.7315 | 5.0444 | 5.0241 |
| Stddev | .0404  | .0126  | .0482  | .0656  |
| %RSD   | .81876 | .26558 | .95546 | 1.3062 |

|    |        |        |        |        |
|----|--------|--------|--------|--------|
| #1 | 4.9766 | 4.7457 | 5.0274 | 4.9637 |
| #2 | 4.9220 | 4.7218 | 5.0070 | 5.0939 |
| #3 | 4.8977 | 4.7270 | 5.0988 | 5.0147 |

Sample Name: S4      Acquired: 3/28/2024 10:37:44      Type: Cal  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 3382.6 | 78936. | 13050. | 2716.0 | 4481.3 |
| Stddev    | 4.8    | 217.   | 73.    | 12.5   | 6.1    |
| %RSD      | .14300 | .27443 | .56091 | .46070 | .13642 |
| #1        | 3378.4 | 79025. | 13095. | 2729.4 | 4474.2 |
| #2        | 3381.5 | 78688. | 13089. | 2704.6 | 4485.0 |
| #3        | 3387.9 | 79093. | 12965. | 2714.1 | 4484.6 |

Sample Name: S5      Acquired: 3/28/2024 10:42:13      Type: Cal  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 10.354 | 10.369 | 10.374 | 10.488 | 10.291 | 20.376 | 20.174 | .50974 | 5.1983 |
| Stddev | .554   | .586   | .553   | .562   | .543   | .090   | .114   | .00255 | .2790  |
| %RSD   | 5.3516 | 5.6500 | 5.3283 | 5.3603 | 5.2736 | .44322 | .56719 | .50109 | 5.3662 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 9.9660 | 9.9567 | 9.9682 | 10.070 | 9.8951 | 20.274 | 20.125 | .51258 | 4.9961 |
| #2 | 10.989 | 11.040 | 11.003 | 11.127 | 10.910 | 20.408 | 20.091 | .50762 | 5.5166 |
| #3 | 10.108 | 10.112 | 10.149 | 10.268 | 10.068 | 20.446 | 20.304 | .50903 | 5.0824 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 50.508 | 1.9867 | 5.1719 | 2.5271 | 10.147 | 5.0473 | 50.981 | 5.1615 | 2.5377 |
| Stddev | .066   | .0032  | .2822  | .1333  | .061   | .0141  | .238   | .2814  | .0049  |
| %RSD   | .13001 | .16102 | 5.4560 | 5.2739 | .60338 | .27939 | .46743 | 5.4515 | .19344 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 50.452 | 1.9830 | 4.9670 | 2.4293 | 10.086 | 5.0313 | 50.708 | 4.9550 | 2.5403 |
| #2 | 50.492 | 1.9880 | 5.4938 | 2.6789 | 10.208 | 5.0529 | 51.149 | 5.4819 | 2.5409 |
| #3 | 50.580 | 1.9890 | 5.0551 | 2.4730 | 10.147 | 5.0578 | 51.086 | 5.0475 | 2.5321 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 51.622 | 5.0585 | 4.9093 | 51.331 | 10.342 | 10.028 | 10.353 | 10.127 | 10.354 |
| Stddev | .459   | .0140  | .0036  | .378   | .050   | .532   | .554   | .029   | .156   |
| %RSD   | .88962 | .27665 | .07415 | .73679 | .48587 | 5.3050 | 5.3510 | .28734 | 1.5063 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 51.094 | 5.0433 | 4.9134 | 50.895 | 10.400 | 9.6429 | 9.9520 | 10.098 | 10.177 |
| #2 | 51.931 | 5.0709 | 4.9063 | 51.562 | 10.314 | 10.635 | 10.985 | 10.126 | 10.418 |
| #3 | 51.840 | 5.0614 | 4.9084 | 51.537 | 10.312 | 9.8059 | 10.123 | 10.156 | 10.469 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | P_1774 | S_1820 | Li6707 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 10.179 | 10.714 | 10.016 | 10.025 |
| Stddev | .528   | .580   | .086   | .050   |
| %RSD   | 5.1904 | 5.4143 | .86132 | .49467 |

|    |        |        |        |        |
|----|--------|--------|--------|--------|
| #1 | 9.8720 | 10.310 | 9.9470 | 9.9929 |
| #2 | 10.790 | 11.379 | 9.9877 | 9.9991 |
| #3 | 9.8768 | 10.453 | 10.113 | 10.082 |

Sample Name: S5      Acquired: 3/28/2024 10:42:13      Type: Cal  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 3195.9 | 75609. | 12522. | 2616.8 | 4040.5 |
| Stddev    | 143.5  | 179.   | 52.    | 4.4    | 186.8  |
| %RSD      | 4.4901 | .23734 | .41735 | .16724 | 4.6220 |
| #1        | 3299.1 | 75593. | 12462. | 2618.0 | 4174.3 |
| #2        | 3032.1 | 75438. | 12553. | 2612.0 | 3827.1 |
| #3        | 3256.7 | 75796. | 12552. | 2620.6 | 4120.0 |

Sample Name: ICV01      Acquired: 3/28/2024 10:46:41      Type: Unk  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.052379 | 1.059174 | 1.047986 | 1.022934 | 1.036500 | 2.633003 |
| Stddev | .003308  | .007060  | .002699  | .004378  | .005372  | .016320  |
| %RSD   | .3143525 | .6665522 | .2575563 | .4279404 | .5182927 | .6198246 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.053416 | 1.061406 | 1.049404 | 1.018419 | 1.031961 | 2.614257 |
| #2 | 1.048677 | 1.051268 | 1.049680 | 1.023225 | 1.035108 | 2.640710 |
| #3 | 1.055044 | 1.064848 | 1.044873 | 1.027160 | 1.042431 | 2.644043 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5407732 | .5225802 | .5159590 | 10.55708 | .5554940 | .5100766 |
| Stddev | .0053478 | .0071677 | .0010270 | .11276   | .0001473 | .0004330 |
| %RSD   | .9889083 | 1.371594 | .1990404 | 1.068139 | .0265177 | .0848841 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5459842 | .5143127 | .5171011 | 10.42693 | .5553561 | .5104589 |
| #2 | .5410368 | .5263791 | .5156642 | 10.61868 | .5556492 | .5101644 |
| #3 | .5352984 | .5270486 | .5151117 | 10.62563 | .5554767 | .5096064 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5460541 | 10.10657 | .5437420 | 6.152102 | .5139556 | .2641135 |
| Stddev | .0011146 | .02791   | .0040016 | .020127  | .0011146 | .0000470 |
| %RSD   | .2041114 | .2761483 | .7359318 | .3271563 | .2168672 | .0178042 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5450794 | 10.09869 | .5391569 | 6.129035 | .5151841 | .2641028 |
| #2 | .5458137 | 10.08345 | .5455390 | 6.166092 | .5136738 | .2640728 |
| #3 | .5472692 | 10.13757 | .5465301 | 6.161180 | .5130090 | .2641650 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 9.591532 | .5267129 | 1.093537 | 9.746038 | F .0324112 | F .0023478 |
| Stddev | .032805  | .0046206 | .004018  | .038494  | .0017840   | .0005293   |
| %RSD   | .3420194 | .8772486 | .3674062 | .3949736 | 5.504368   | 22.54315   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.629245 | .5213781 | 1.088897 | 9.771161 | .0343767 | .0029588 |
| #2 | 9.569597 | .5293080 | 1.095844 | 9.765233 | .0319623 | .0020335 |
| #3 | 9.575756 | .5294524 | 1.095868 | 9.701721 | .0308944 | .0020510 |

Sample Name: ICV01      Acquired: 3/28/2024 10:46:41      Type: Unk  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Sn1899     | Ti3361     | Si2881     | P_1774     | S_1820     | Li6707     |
|--------|------------|------------|------------|------------|------------|------------|
| Units  | ppm        | ppm        | ppm        | ppm        | ppm        | ppm        |
| Avg    | F .0000618 | F .0059572 | F .0094034 | F .0007212 | F -.003005 | F .0059623 |
| Stddev | .0008147   | .0056341   | .0069966   | .0002051   | .000180    | .0057860   |
| %RSD   | 1318.189   | 94.57660   | 74.40515   | 28.43907   | 6.002516   | 97.04384   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0008281 | .0121304 | .0173662 | .0005171 | -.002797 | .0122360 |
| #2 | -.000794 | .0046488 | .0066043 | .0007192 | -.003121 | .0048150 |
| #3 | .000151  | .0010924 | .0042396 | .0009273 | -.003097 | .0008358 |

| Elem   | Sr4077     | Ce4040   |
|--------|------------|----------|
| Units  | ppm        | Cts/S    |
| Avg    | F -.002488 | zF ***** |
| Stddev | .005822    | -----    |
| %RSD   | 234.0164   | -----    |

|    |          |            |
|----|----------|------------|
| #1 | .003845  | z 1935.241 |
| #2 | -.003700 | z 1924.233 |
| #3 | -.007609 | z 1926.281 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3702.716 | 85163.78 | 13789.11 | 2935.609 | 5256.025 |
| Stddev    | 23.603   | 282.09   | 203.61   | 23.236   | 26.296   |
| %RSD      | .6374619 | .3312279 | 1.476565 | .7915330 | .5002983 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3723.498 | 85263.06 | 14014.56 | 2959.541 | 5279.587 |
| #2 | 3707.595 | 85382.81 | 13734.09 | 2934.149 | 5260.829 |
| #3 | 3677.054 | 84845.48 | 13618.66 | 2913.137 | 5227.658 |

Sample Name: LLICV01      Acquired: 3/28/2024 10:50:54      Type: Unk  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: LLICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .0186729 | .0414583 | .0107547 | .0186137 | .0533517 | F .1357155 |
| Stddev | .0023570 | .0010157 | .0008515 | .0006310 | .0010576 | .0033567   |
| %RSD   | 12.62257 | 2.449938 | 7.917076 | 3.390212 | 1.982259 | 2.473303   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0207011 | .0418316 | .0097757 | .0178903 | .0540695 | .1368018 |
| #2 | .0192305 | .0422345 | .0113225 | .0190506 | .0521373 | .1383945 |
| #3 | .0160871 | .0403087 | .0111660 | .0189003 | .0538484 | .1319502 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1038152 | .0066337 | .0061939 | 2.263216 | .0116565 | .0299918 |
| Stddev | .0021127 | .0001419 | .0001033 | .016055  | .0013462 | .0002938 |
| %RSD   | 2.035101 | 2.139206 | 1.667630 | .7093828 | 11.54927 | .9797192 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1059725 | .0065518 | .0062960 | 2.244716 | .0109585 | .0299963 |
| #2 | .1037230 | .0067976 | .0060895 | 2.273493 | .0132084 | .0302834 |
| #3 | .1017501 | .0065518 | .0061962 | 2.271440 | .0108026 | .0296957 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0230496 | .1227080 | .0221950 | 2.305760 | .0404043 | .0117462 |
| Stddev | .0001557 | .0096413 | .0009278 | .012487  | .0002954 | .0012828 |
| %RSD   | .6753207 | 7.857151 | 4.180212 | .5415591 | .7311352 | 10.92104 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0231823 | .1195102 | .0232202 | 2.295333 | .0407414 | .0110832 |
| #2 | .0228782 | .1335419 | .0219516 | 2.302348 | .0401906 | .0132248 |
| #3 | .0230881 | .1150718 | .0214131 | 2.319598 | .0402810 | .0109305 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.982891 | .0429489 | .0498536 | 2.036129 | .1141484 | .2423142 |
| Stddev | .202188  | .0013312 | .0057903 | .180735  | .0027769 | .0004622 |
| %RSD   | 10.19663 | 3.099504 | 11.61470 | 8.876424 | 2.432664 | .1907294 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.863148 | .0444754 | .0466378 | 1.928829 | .1125321 | .2427168 |
| #2 | 2.216331 | .0420294 | .0565381 | 2.244796 | .1173548 | .2418095 |
| #3 | 1.869192 | .0423418 | .0463849 | 1.934762 | .1125584 | .2424163 |

Sample Name: LLICV01      Acquired: 3/28/2024 10:50:54      Type: Unk  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: LLICV01      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774     | S_1820     | Li6707     |
|--------|----------|----------|----------|------------|------------|------------|
| Units  | ppm      | ppm      | ppm      | ppm        | ppm        | ppm        |
| Avg    | .0400784 | .0408406 | .4116955 | F .0022988 | F .0031530 | F .0008097 |
| Stddev | .0005167 | .0010218 | .0490352 | .0002319   | .0002639   | .0016426   |
| %RSD   | 1.289196 | 2.501891 | 11.91054 | 10.08714   | 8.368812   | 202.8702   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0406020 | .0419986 | .3829279 | .0024607 | .0034143 | .0025859 |
| #2 | .0400641 | .0404573 | .4683139 | .0024027 | .0031581 | .0004978 |
| #3 | .0395689 | .0400659 | .3838446 | .0020332 | .0028866 | -.000655 |

| Elem   | Sr4077   | Ce4040  |
|--------|----------|---------|
| Units  | ppm      | Cts/S   |
| Avg    | .0206315 | Z ***** |
| Stddev | .0014475 | -----   |
| %RSD   | 7.016214 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .0221167 | Z 1879.011 |
| #2 | .0205531 | Z 1872.662 |
| #3 | .0192248 | Z 1875.541 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3707.919 | 83061.18 | 13219.71 | 2838.539 | 5421.066 |
| Stddev    | 8.413    | 7656.34  | 109.68   | 255.691  | 2.116    |
| %RSD      | .2268986 | 9.217715 | .8296494 | 9.007838 | .0390242 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3709.434 | 88054.74 | 13345.79 | 3001.865 | 5420.501 |
| #2 | 3715.471 | 74246.34 | 13167.02 | 2543.870 | 5423.407 |
| #3 | 3698.851 | 86882.44 | 13146.32 | 2969.881 | 5419.290 |

Sample Name: ICB01      Acquired: 3/28/2024 10:55:19      Type: Unk  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      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    | -.002886 | -.001474 | -.000222 | -.001325 | .0001898 | -.014991 | -.009115 |
| Stddev | .002276  | .001416  | .001429  | .000835  | .0008725 | .005071  | .000723  |
| %RSD   | 78.87280 | 96.03392 | 643.3331 | 63.04256 | 459.7835 | 33.82716 | 7.932507 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.003873 | -.000203 | -.000696 | -.002137 | .0011726 | -.010330 | -.008588 |
| #2 | -.000283 | -.001219 | .001384  | -.001370 | -.000494 | -.014252 | -.008818 |
| #3 | -.004502 | -.003000 | -.001354 | -.000468 | -.000110 | -.020392 | -.009939 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000077 | -.000151 | -.021613 | -.000275 | -.000347 | -.000507 | -.010627 |
| Stddev | .000017  | .000015  | .011073  | .000025  | .000073  | .000143  | .003896  |
| %RSD   | 21.41042 | 10.22027 | 51.23149 | 8.945420 | 20.90234 | 28.11041 | 36.66556 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000064 | -.000143 | -.009281 | -.000262 | -.000310 | -.000343 | -.014940 |
| #2 | -.000071 | -.000168 | -.024857 | -.000260 | -.000430 | -.000589 | -.007361 |
| #3 | -.000096 | -.000140 | -.030702 | -.000304 | -.000300 | -.000590 | -.009579 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002510 | -.018165 | -.000147 | .0001927 | -.003724 | -.004174 | -.000358 |
| Stddev | .000157  | .003352  | .000063  | .0001793 | .014294  | .000875  | .000155  |
| %RSD   | 6.252366 | 18.45597 | 42.63547 | 93.02322 | 383.8365 | 20.97299 | 43.20733 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002369 | -.015044 | -.000097 | .0003463 | .012611  | -.003289 | -.000458 |
| #2 | -.002483 | -.021709 | -.000217 | .0002362 | -.013937 | -.005040 | -.000180 |
| #3 | -.002679 | -.017741 | -.000126 | -.000004 | -.009846 | -.004194 | -.000436 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.012674 | -.003867 | -.000682 | -.000968 | -.004496 | -.008021 | -.000251 |
| Stddev | .021142  | .001043  | .000141  | .000479  | .000184  | .010199  | .000031  |
| %RSD   | 166.8076 | 26.97269 | 20.67730 | 49.48392 | 4.081644 | 127.1432 | 12.46738 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .008518  | -.003167 | -.000550 | -.000892 | -.004303 | -.000270 | -.000284 |
| #2 | -.033765 | -.003369 | -.000665 | -.001481 | -.004668 | -.004219 | -.000222 |
| #3 | -.012776 | -.005066 | -.000831 | -.000532 | -.004517 | -.019575 | -.000248 |

Sample Name: ICB01      Acquired: 3/28/2024 10:55:19      Type: Unk  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
|--------|-----------------|-----------------|-----------------|----------------|
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>-.000245</b> | <b>-.003832</b> | <b>-.004427</b> | <b>z *****</b> |
| Stddev | .000199         | .000315         | .000282         | -----          |
| %RSD   | 81.23323        | 8.217242        | 6.359910        | -----          |

|    |                 |                 |                 |                   |
|----|-----------------|-----------------|-----------------|-------------------|
| #1 | <b>-.000425</b> | <b>-.003480</b> | <b>-.004130</b> | <b>z 1819.314</b> |
| #2 | <b>-.000278</b> | <b>-.003928</b> | <b>-.004461</b> | <b>z 1802.179</b> |
| #3 | <b>-.000032</b> | <b>-.004087</b> | <b>-.004690</b> | <b>z 1823.484</b> |

| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3670.497</b> | <b>88043.35</b> | <b>13391.15</b> | <b>2982.153</b> | <b>5435.960</b> |
| Stddev    | 14.832          | 150.60          | 113.56          | 3.096           | 13.510          |
| %RSD      | .4040792        | .1710549        | .8480540        | .1038342        | .2485333        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3686.580</b> | <b>88078.79</b> | <b>13522.27</b> | <b>2984.052</b> | <b>5451.305</b> |
| #2 | <b>3667.553</b> | <b>87878.19</b> | <b>13323.97</b> | <b>2978.580</b> | <b>5430.721</b> |
| #3 | <b>3657.358</b> | <b>88173.07</b> | <b>13327.21</b> | <b>2983.828</b> | <b>5425.855</b> |

Sample Name: CRI01      Acquired: 3/28/2024 10:59:48      Type: Unk  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0185636 | .0419082 | .0114513 | .0208291 | .0534418 | .1276345 | .0987340 |
| Stddev | .0018320 | .0021298 | .0006512 | .0024350 | .0007647 | .0094438 | .0008470 |
| %RSD   | 9.868950 | 5.082027 | 5.687049 | 11.69066 | 1.430949 | 7.399107 | .8578564 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0203258 | .0424235 | .0107022 | .0180377 | .0537850 | .1182911 | .0977599 |
| #2 | .0186959 | .0395681 | .0117692 | .0225178 | .0525656 | .1274369 | .0992972 |
| #3 | .0166690 | .0437331 | .0118825 | .0219316 | .0539748 | .1371756 | .0991448 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0063918 | .0062033 | 2.230615 | .0106908 | .0302492 | .0233425 | .1028338 |
| Stddev | .0000432 | .0000083 | .025726  | .0002077 | .0002011 | .0002554 | .0021224 |
| %RSD   | .6761071 | .1333263 | 1.153302 | 1.942629 | .6649384 | 1.094096 | 2.063954 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0063421 | .0062124 | 2.202995 | .0108916 | .0300384 | .0230477 | .1012696 |
| #2 | .0064199 | .0062010 | 2.253894 | .0104769 | .0302704 | .0234974 | .1052498 |
| #3 | .0064136 | .0061963 | 2.234955 | .0107039 | .0304390 | .0234823 | .1019820 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0200694 | 2.207980 | .0405271 | .0110369 | 1.905098 | .0400146 | .0457886 |
| Stddev | .0001567 | .020503  | .0001502 | .0001803 | .002129  | .0022215 | .0003029 |
| %RSD   | .7808088 | .9285642 | .3706730 | 1.633668 | .1117456 | 5.551647 | .6614966 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0201201 | 2.185458 | .0403587 | .0112405 | 1.903085 | .0385759 | .0457790 |
| #2 | .0198936 | 2.212924 | .0406473 | .0108971 | 1.907326 | .0388947 | .0454906 |
| #3 | .0201945 | 2.225559 | .0405754 | .0109732 | 1.904882 | .0425731 | .0460962 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.975269 | .1016502 | .2449024 | .0389728 | .0382869 | .3984248 | .0023346 |
| Stddev | .011114  | .0013675 | .0004669 | .0004820 | .0004525 | .0004258 | .0002377 |
| %RSD   | .5626830 | 1.345253 | .1906434 | 1.236815 | 1.181828 | .1068761 | 10.18323 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.965187 | .1001684 | .2452795 | .0395164 | .0381608 | .3984888 | .0025521 |
| #2 | 1.973432 | .1028635 | .2450476 | .0385975 | .0387891 | .3979706 | .0023709 |
| #3 | 1.987187 | .1019187 | .2443802 | .0388045 | .0379109 | .3988150 | .0020808 |

Sample Name: CRI01      Acquired: 3/28/2024 10:59:48      Type: Unk  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0030102 | -.001309 | .0184218 | Z ***** |
| Stddev | .0000914 | .000490  | .0000986 | -----   |
| %RSD   | 3.036456 | 37.38718 | .5353349 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .0030140 | -.000744 | .0184476 | Z 1832.802 |
| #2 | .0029170 | -.001588 | .0185049 | Z 1827.109 |
| #3 | .0030996 | -.001596 | .0183128 | Z 1834.199 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3648.795 | 86281.03 | 13381.49 | 2936.016 | 5350.634 |
| Stddev    | 5.294    | 122.90   | 134.23   | 7.614    | 8.380    |
| %RSD      | .1450860 | .1424425 | 1.003134 | .2593156 | .1566254 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3653.455 | 86337.28 | 13536.37 | 2941.851 | 5357.259 |
| #2 | 3649.890 | 86365.75 | 13309.27 | 2938.792 | 5353.430 |
| #3 | 3643.039 | 86140.08 | 13298.83 | 2927.403 | 5341.213 |

Sample Name: ICSA01      Acquired: 3/28/2024 11:20:32      Type: Unk  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001532</b> | <b>-.004701</b> | <b>.0026594</b> | <b>-.007238</b> | <b>-.000899</b> | <b>260.2512</b> |
| Stddev | .005602         | .003544         | .0009871        | .001039         | .001111         | 3.8304          |
| %RSD   | 365.5879        | 75.38001        | 37.11641        | 14.35039        | 123.5358        | 1.471800        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.007055</b> | <b>-.008665</b> | <b>.0028927</b> | <b>-.008070</b> | <b>-.000207</b> | <b>256.0670</b> |
| #2 | <b>-.001689</b> | <b>-.003599</b> | <b>.0015766</b> | <b>-.007570</b> | <b>-.002180</b> | <b>263.5847</b> |
| #3 | <b>.004147</b>  | <b>-.001840</b> | <b>.0035090</b> | <b>-.006074</b> | <b>-.000310</b> | <b>261.1018</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.003229</b> | <b>.0010371</b> | <b>-.001872</b> | <b>245.4983</b> | <b>.0445149</b> | <b>.0030497</b> |
| Stddev | .001154         | .0000184        | .000078         | 1.9281          | .0005558        | .0001028        |
| %RSD   | 35.74865        | 1.778192        | 4.161402        | .7853916        | 1.248560        | 3.371324        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001981</b> | <b>.0010584</b> | <b>-.001786</b> | <b>243.2842</b> | <b>.0450645</b> | <b>.0029316</b> |
| #2 | <b>-.003446</b> | <b>.0010256</b> | <b>-.001891</b> | <b>246.8076</b> | <b>.0445271</b> | <b>.0030980</b> |
| #3 | <b>-.004258</b> | <b>.0010273</b> | <b>-.001938</b> | <b>246.4032</b> | <b>.0439531</b> | <b>.0031194</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0058601</b> | <b>96.39270</b> | <b>.0118889</b> | <b>255.7341</b> | <b>.0056183</b> | <b>.0031086</b> |
| Stddev | .0006956        | .30639          | .0003014        | 1.5226          | .0002634        | .0001548        |
| %RSD   | 11.86944        | .3178512        | 2.534795        | .5953690        | 4.688027        | 4.979545        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0060025</b> | <b>96.15823</b> | <b>.0122361</b> | <b>253.9970</b> | <b>.0057028</b> | <b>.0029709</b> |
| #2 | <b>.0064735</b> | <b>96.28050</b> | <b>.0116957</b> | <b>256.8370</b> | <b>.0053231</b> | <b>.0032761</b> |
| #3 | <b>.0051044</b> | <b>96.73937</b> | <b>.0117348</b> | <b>256.3684</b> | <b>.0058291</b> | <b>.0030787</b> |

|        |                 |                 |                 |                 |                   |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-------------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496            | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm               | ppm             |
| Avg    | <b>.0189317</b> | <b>.0006432</b> | <b>.0068526</b> | <b>-.024706</b> | <b>F .1134547</b> | <b>.0002803</b> |
| Stddev | .0049142        | .0015542        | .0002462        | .024021         | .0024129          | .0000880        |
| %RSD   | 25.95731        | 241.6341        | 3.592880        | 97.22951        | 2.126772          | 31.38749        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0238900</b> | <b>-.001147</b> | <b>.0066983</b> | <b>-.000513</b> | <b>.1147919</b> | <b>.0003632</b> |
| #2 | <b>.0140629</b> | <b>.001646</b>  | <b>.0067229</b> | <b>-.048552</b> | <b>.1106692</b> | <b>.0001880</b> |
| #3 | <b>.0188423</b> | <b>.001431</b>  | <b>.0071365</b> | <b>-.025053</b> | <b>.1149029</b> | <b>.0002897</b> |

Sample Name: ICSA01      Acquired: 3/28/2024 11:20:32      Type: Unk  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.003909 | -.005491 | -.105005 | .0005057 | -.016675 | .0017327 |
| Stddev | .001723  | .000641  | .003936  | .0006305 | .000582  | .0006225 |
| %RSD   | 44.06327 | 11.66478 | 3.748522 | 124.6843 | 3.492252 | 35.92760 |
| #1     | -.005841 | -.004821 | -.103925 | .0004450 | -.016754 | .0023669 |
| #2     | -.002532 | -.005555 | -.101721 | -.000092 | -.016057 | .0017086 |
| #3     | -.003356 | -.006097 | -.109368 | .001164  | -.017214 | .0011226 |

|        |          |            |
|--------|----------|------------|
| Elem   | Sr4077   | Ce4040     |
| Units  | ppm      | Cts/S      |
| Avg    | .0024535 | z *****    |
| Stddev | .0004849 | -----      |
| %RSD   | 19.76195 | -----      |
| #1     | .0025920 | z 2470.030 |
| #2     | .0028540 | z 2463.411 |
| #3     | .0019145 | z 2466.274 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3143.081 | 74430.63 | 12725.50 | 2545.285 | 4136.496 |
| Stddev    | 7.164    | 253.97   | 114.12   | 14.257   | 6.784    |
| %RSD      | .2279209 | .3412226 | .8968164 | .5601194 | .1639930 |
| #1        | 3146.069 | 74722.11 | 12853.60 | 2559.805 | 4138.496 |
| #2        | 3148.267 | 74312.82 | 12634.67 | 2531.307 | 4142.055 |
| #3        | 3134.907 | 74256.95 | 12688.23 | 2544.742 | 4128.938 |

Sample Name: ICSAB01      Acquired: 3/28/2024 11:25:06      Type: Unk  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1058724 | .0884951 | .0521395 | .0468642 | .6292570 | 258.2339 |
| Stddev | .0006716 | .0027184 | .0009548 | .0049124 | .0039146 | 3.7742   |
| %RSD   | .6343335 | 3.071868 | 1.831316 | 10.48210 | .6221026 | 1.461543 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1057411 | .0904876 | .0515586 | .0421392 | .6337647 | 254.9650 |
| #2 | .1066000 | .0895995 | .0516183 | .0465089 | .6267117 | 257.3723 |
| #3 | .1052762 | .0853982 | .0532415 | .0519446 | .6272946 | 262.3644 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4967794 | .5029582 | .9851649 | 243.5091 | .5381729 | .4829111 |
| Stddev | .0017773 | .0054422 | .0014669 | 2.1639   | .0016594 | .0007924 |
| %RSD   | .3577541 | 1.082032 | .1488976 | .8886270 | .3083383 | .1640919 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4948441 | .4975995 | .9847176 | 241.6267 | .5362926 | .4825357 |
| #2 | .4983383 | .5027949 | .9868034 | 243.0273 | .5387939 | .4838214 |
| #3 | .4971559 | .5084801 | .9839737 | 245.8732 | .5394322 | .4823761 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .4988843 | 96.28511 | .5050668 | 250.5021 | .9661592 | F .0867524 |
| Stddev | .0007456 | .23601   | .0039183 | 1.6912   | .0006382 | .0001972   |
| %RSD   | .1494501 | .2451176 | .7758002 | .6751417 | .0660531 | .2272708   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4987998 | 96.31240 | .5014794 | 248.9503 | .9664495 | .0865346 |
| #2 | .4981846 | 96.03664 | .5044728 | 250.2514 | .9666005 | .0868040 |
| #3 | .4996686 | 96.50630 | .5092482 | 252.3048 | .9654274 | .0869187 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | .0257280 | .4777881 | 1.081938 | -.020946 | F .1152462 | F .0001929 |
| Stddev | .0069193 | .0058288 | .003401  | .021522  | .0027338   | .0005044   |
| %RSD   | 26.89401 | 1.219955 | .3143813 | 102.7502 | 2.372161   | 261.4741   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0332327 | .4712363 | 1.084859 | -.009803 | .1183976 | .0007725 |
| #2 | .0196015 | .4797296 | 1.078204 | -.007280 | .1135111 | -.000047 |
| #3 | .0243498 | .4823983 | 1.082752 | -.045754 | .1138300 | -.000146 |

Sample Name: ICSAB01      Acquired: 3/28/2024 11:25:06      Type: Unk  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Sn1899            | Ti3361            | Si2881            | P_1774            | S_1820            | Li6707            |
|--------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Units  | ppm               | ppm               | ppm               | ppm               | ppm               | ppm               |
| Avg    | F <b>-.002984</b> | F <b>-.005206</b> | F <b>-.107170</b> | F <b>-.000562</b> | F <b>-.018961</b> | F <b>.0023301</b> |
| Stddev | .001293           | .001571           | .010874           | .000165           | .000594           | .0013406          |
| %RSD   | 43.32157          | 30.18256          | 10.14609          | 29.36141          | 3.130936          | 57.53633          |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.004355 | -.003927 | -.115545 | -.000677 | -.018400 | .0037978 |
| #2 | -.002811 | -.004731 | -.111084 | -.000373 | -.018900 | .0020224 |
| #3 | -.001787 | -.006960 | -.094881 | -.000637 | -.019582 | .0011701 |

| Elem   | Sr4077            | Ce4040  |
|--------|-------------------|---------|
| Units  | ppm               | Cts/S   |
| Avg    | F <b>.0029308</b> | Z ***** |
| Stddev | .0007845          | -----   |
| %RSD   | 26.76883          | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .0035627 | Z 2457.244 |
| #2 | .0031771 | Z 2465.531 |
| #3 | .0020527 | Z 2476.709 |

| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3135.245</b> | <b>74566.77</b> | <b>12910.47</b> | <b>2539.275</b> | <b>4147.765</b> |
| Stddev    | 3.816           | 269.68          | 108.06          | 17.955          | 4.131           |
| %RSD      | .1217037        | .3616643        | .8370088        | .7070848        | .0996032        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3133.882 | 74515.70 | 12994.20 | 2524.710 | 4150.156 |
| #2 | 3139.555 | 74858.34 | 12948.73 | 2559.335 | 4150.143 |
| #3 | 3132.297 | 74326.27 | 12788.48 | 2533.781 | 4142.994 |

Sample Name: ICSADLX20      Acquired: 3/28/2024 11:29:29      Type: Unk  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSADLX20      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.003577</b> | <b>-.002348</b> | <b>-.000583</b> | <b>-.000980</b> | <b>-.000847</b> | <b>12.61248</b> | <b>-.010028</b> |
| Stddev | .002955         | .001603         | .000912         | .001335         | .001165         | .23308          | .001251         |
| %RSD   | 82.62435        | 68.24518        | 156.4970        | 136.1393        | 137.5892        | 1.848039        | 12.48013        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.003267</b> | <b>-.004033</b> | <b>.000356</b>  | <b>.000359</b>  | <b>.000086</b>  | <b>12.74344</b> | <b>-.008620</b> |
| #2 | <b>-.000788</b> | <b>-.000842</b> | <b>-.000639</b> | <b>-.002310</b> | <b>-.002153</b> | <b>12.75062</b> | <b>-.010449</b> |
| #3 | <b>-.006675</b> | <b>-.002170</b> | <b>-.001466</b> | <b>-.000990</b> | <b>-.000473</b> | <b>12.34337</b> | <b>-.011014</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0001793</b> | <b>-.000344</b> | <b>12.74134</b> | <b>.0018953</b> | <b>-.000088</b> | <b>.0003040</b> | <b>4.807595</b> |
| Stddev | .0000219        | .000042         | .28054          | .0002188        | .000086         | .0001029        | .149318         |
| %RSD   | 12.19952        | 12.15499        | 2.201836        | 11.54479        | 97.70746        | 33.83447        | 3.105871        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0002021</b> | <b>-.000346</b> | <b>12.95487</b> | <b>.0016720</b> | <b>-.000130</b> | <b>.0002920</b> | <b>4.975007</b> |
| #2 | <b>.0001773</b> | <b>-.000301</b> | <b>12.84555</b> | <b>.0021093</b> | <b>.000011</b>  | <b>.0002077</b> | <b>4.759607</b> |
| #3 | <b>.0001585</b> | <b>-.000385</b> | <b>12.42361</b> | <b>.0019047</b> | <b>-.000146</b> | <b>.0004123</b> | <b>4.688171</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001139</b> | <b>12.15460</b> | <b>.0003526</b> | <b>.0003314</b> | <b>-.022676</b> | <b>-.002526</b> | <b>.0003001</b> |
| Stddev | .000948         | .32163          | .0000897        | .0000655        | .014411         | .001291         | .0001906        |
| %RSD   | 83.24503        | 2.646128        | 25.44007        | 19.75136        | 63.55500        | 51.11374        | 63.50770        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000045</b> | <b>12.38960</b> | <b>.0004468</b> | <b>.0003628</b> | <b>-.011290</b> | <b>-.001049</b> | <b>.0004441</b> |
| #2 | <b>-.001643</b> | <b>12.28615</b> | <b>.0002682</b> | <b>.0002562</b> | <b>-.038879</b> | <b>-.003085</b> | <b>.0003722</b> |
| #3 | <b>-.001728</b> | <b>11.78805</b> | <b>.0003428</b> | <b>.0003752</b> | <b>-.017858</b> | <b>-.003443</b> | <b>.0000840</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.024179</b> | <b>-.010471</b> | <b>-.000725</b> | <b>-.001763</b> | <b>-.005244</b> | <b>-.009228</b> | <b>-.000386</b> |
| Stddev | .008410         | .001256         | .000395         | .000553         | .000093         | .007463         | .000067         |
| %RSD   | 34.78219        | 11.99730        | 54.48266        | 31.37031        | 1.777500        | 80.87207        | 17.22966        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.033192</b> | <b>-.009038</b> | <b>-.001110</b> | <b>-.001316</b> | <b>-.005140</b> | <b>-.017798</b> | <b>-.000454</b> |
| #2 | <b>-.016541</b> | <b>-.010990</b> | <b>-.000745</b> | <b>-.002381</b> | <b>-.005274</b> | <b>-.004161</b> | <b>-.000383</b> |
| #3 | <b>-.022804</b> | <b>-.011384</b> | <b>-.000321</b> | <b>-.001591</b> | <b>-.005319</b> | <b>-.005725</b> | <b>-.000321</b> |

Sample Name: ICSADLX20      Acquired: 3/28/2024 11:29:29      Type: Unk  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSADLX20      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                |
|--------|-----------------|-----------------|-----------------|----------------|
| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>-.001243</b> | <b>-.004413</b> | <b>-.004583</b> | <b>z *****</b> |
| Stddev | .000185         | .000086         | .000076         | -----          |
| %RSD   | 14.88772        | 1.945119        | 1.655463        | -----          |

|    |                 |                 |                 |                   |
|----|-----------------|-----------------|-----------------|-------------------|
| #1 | <b>-.001148</b> | <b>-.004512</b> | <b>-.004655</b> | <b>z 1901.163</b> |
| #2 | <b>-.001126</b> | <b>-.004370</b> | <b>-.004504</b> | <b>z 1912.572</b> |
| #3 | <b>-.001457</b> | <b>-.004357</b> | <b>-.004591</b> | <b>z 1923.776</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3584.671</b> | <b>85457.92</b> | <b>13589.11</b> | <b>2905.966</b> | <b>5166.261</b> |
| Stddev    | 15.444          | 153.75          | 271.97          | .540            | 13.818          |
| %RSD      | .4308208        | .1799090        | 2.001405        | .0185965        | .2674643        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3596.464</b> | <b>85574.16</b> | <b>13833.67</b> | <b>2906.534</b> | <b>5180.075</b> |
| #2 | <b>3590.357</b> | <b>85283.59</b> | <b>13296.20</b> | <b>2905.906</b> | <b>5166.269</b> |
| #3 | <b>3567.190</b> | <b>85516.00</b> | <b>13637.44</b> | <b>2905.458</b> | <b>5152.440</b> |

Sample Name: ICSABDLX20      Acquired: 3/28/2024 11:33:55      Type: Unk  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSABDLX20      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0011592 | .0017748 | .0025952 | .0000045 | .0272673 | 12.22763 | .0134584 |
| Stddev | .0007656 | .0006773 | .0003455 | .0010389 | .0006281 | .62897   | .0012022 |
| %RSD   | 66.04227 | 38.16017 | 13.31130 | 23239.83 | 2.303364 | 5.143838 | 8.932904 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0003931 | .0024803 | .0022879 | .0004029 | .0266960 | 12.03398 | .0124327 |
| #2 | .0011604 | .0017143 | .0025287 | -.001175 | .0279398 | 11.71825 | .0131611 |
| #3 | .0019243 | .0011298 | .0029691 | .000785  | .0271660 | 12.93065 | .0147814 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0244805 | .0455752 | 12.28337 | .0258705 | .0221156 | .0246930 | 4.497306 |
| Stddev | .0009573 | .0003690 | .61665   | .0006527 | .0000958 | .0001337 | .035832  |
| %RSD   | 3.910589 | .8097243 | 5.020197 | 2.522882 | .4331730 | .5414927 | .7967398 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0243105 | .0455436 | 12.07478 | .0263930 | .0220376 | .0246002 | 4.528809 |
| #2 | .0236196 | .0459589 | 11.79807 | .0260795 | .0222226 | .0248463 | 4.504783 |
| #3 | .0255115 | .0452229 | 12.97726 | .0251389 | .0220867 | .0246326 | 4.458325 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0231378 | 11.71901 | .0453798 | .0040271 | -.021884 | .0211698 | .0491703 |
| Stddev | .0012404 | .60238   | .0002971 | .0000842 | .002758  | .0011836 | .0012714 |
| %RSD   | 5.360815 | 5.140233 | .6546995 | 2.091613 | 12.60228 | 5.591197 | 2.585659 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0225664 | 11.57017 | .0452001 | .0040753 | -.020584 | .0212399 | .0498053 |
| #2 | .0222862 | 11.20500 | .0457227 | .0040761 | -.025052 | .0199526 | .0499991 |
| #3 | .0245609 | 12.38186 | .0452166 | .0039298 | -.020017 | .0223168 | .0477065 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.017480 | -.012031 | -.000687 | -.002119 | -.005210 | -.010784 | -.000436 |
| Stddev | .018140  | .000434  | .000205  | .000212  | .000383  | .004908  | .000204  |
| %RSD   | 103.7732 | 3.607076 | 29.87882 | 9.982395 | 7.352950 | 45.51472 | 46.62690 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.011236 | -.011562 | -.000686 | -.002355 | -.005318 | -.010178 | -.000398 |
| #2 | -.003287 | -.012114 | -.000893 | -.002056 | -.004785 | -.015967 | -.000657 |
| #3 | -.037917 | -.012418 | -.000482 | -.001947 | -.005528 | -.006207 | -.000255 |

Sample Name: ICSABDLX20      Acquired: 3/28/2024 11:33:55      Type: Unk  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSABDLX20      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
|--------|-----------------|-----------------|-----------------|----------------|
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>-.000897</b> | <b>-.004314</b> | <b>-.004483</b> | <b>z *****</b> |
| Stddev | .000301         | .000021         | .000274         | -----          |
| %RSD   | 33.54451        | .4833865        | 6.109668        | -----          |

|    |                 |                 |                 |                   |
|----|-----------------|-----------------|-----------------|-------------------|
| #1 | <b>-.000689</b> | <b>-.004304</b> | <b>-.004580</b> | <b>z 1919.939</b> |
| #2 | <b>-.000759</b> | <b>-.004300</b> | <b>-.004695</b> | <b>z 1917.548</b> |
| #3 | <b>-.001241</b> | <b>-.004338</b> | <b>-.004173</b> | <b>z 1920.719</b> |

| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3637.428</b> | <b>86453.44</b> | <b>13347.83</b> | <b>2968.430</b> | <b>5253.186</b> |
| Stddev    | 36.073          | 1284.07         | 559.19          | 47.058          | 44.860          |
| %RSD      | .9917156        | 1.485272        | 4.189342        | 1.585293        | .8539623        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3674.184</b> | <b>85783.66</b> | <b>13512.78</b> | <b>2942.132</b> | <b>5291.248</b> |
| #2 | <b>3602.079</b> | <b>85642.73</b> | <b>13805.99</b> | <b>2940.399</b> | <b>5203.726</b> |
| #3 | <b>3636.020</b> | <b>87933.92</b> | <b>12724.73</b> | <b>3022.759</b> | <b>5264.583</b> |

Sample Name: CCV01      Acquired: 3/28/2024 11:47:58      Type: Unk  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      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    | 4.881373 | 4.843603 | 4.817376 | 4.820330 | 4.935064 | 9.947152 | 10.02059 |
| Stddev | .006111  | .039901  | .003903  | .013291  | .007654  | .047920  | .07894   |
| %RSD   | .1251897 | .8237779 | .0810096 | .2757226 | .1550906 | .4817506 | .7878262 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.883004 | 4.801022 | 4.818551 | 4.808686 | 4.934590 | 9.892053 | 9.93168  |
| #2 | 4.886504 | 4.880131 | 4.813021 | 4.834810 | 4.942944 | 9.970283 | 10.04760 |
| #3 | 4.874613 | 4.849657 | 4.820556 | 4.817495 | 4.927658 | 9.979118 | 10.08248 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2499275 | 2.417189 | 25.17518 | .9786262 | 2.418780 | 1.242046 | 4.848348 |
| Stddev | .0003781 | .003141  | .05932   | .0031035 | .003503  | .003145  | .024185  |
| %RSD   | .1512916 | .1299478 | .2356479 | .3171326 | .1448330 | .2532146 | .4988332 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2495873 | 2.420134 | 25.10727 | .9764554 | 2.422096 | 1.243668 | 4.823872 |
| #2 | .2503346 | 2.413883 | 25.21692 | .9772422 | 2.415116 | 1.244048 | 4.848942 |
| #3 | .2498607 | 2.417550 | 25.20135 | .9821810 | 2.419129 | 1.238421 | 4.872231 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.528774 | 22.87830 | 2.445927 | 1.244064 | 23.43570 | 2.494752 | 2.507588 |
| Stddev | .011448  | .13051   | .004844  | .002355  | .15354   | .013016  | .005436  |
| %RSD   | .4527218 | .5704657 | .1980321 | .1893119 | .6551558 | .5217481 | .2167891 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.515686 | 22.73014 | 2.450672 | 1.241604 | 23.29018 | 2.479812 | 2.509913 |
| #2 | 2.533704 | 22.92852 | 2.440991 | 1.244291 | 23.42076 | 2.500799 | 2.501376 |
| #3 | 2.536931 | 22.97625 | 2.446117 | 1.246298 | 23.59617 | 2.503645 | 2.511474 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.81709 | 4.918292 | 4.977761 | 4.685924 | 5.068803 | 4.788682 | 4.932566 |
| Stddev | .14462   | .006823  | .005847  | .005972  | .018556  | .045813  | .040424  |
| %RSD   | .5827509 | .1387239 | .1174556 | .1274506 | .3660913 | .9567031 | .8195345 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.68236 | 4.911780 | 4.977659 | 4.692815 | 5.047378 | 4.741872 | 4.976439 |
| #2 | 24.79902 | 4.917709 | 4.983658 | 4.682699 | 5.079295 | 4.790744 | 4.924431 |
| #3 | 24.96990 | 4.925388 | 4.971966 | 4.682257 | 5.079737 | 4.833429 | 4.896827 |

Sample Name: CCV01      Acquired: 3/28/2024 11:47:58      Type: Unk  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 4.711160 | 5.002488 | 5.201843 | z ***** |
| Stddev | .008824  | .075515  | .036355  | -----   |
| %RSD   | .1872988 | 1.509554 | .6988917 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 4.720260 | 4.944831 | 5.166560 | z 22358.36 |
| #2 | 4.710580 | 5.087967 | 5.199786 | z 22360.64 |
| #3 | 4.702640 | 4.974666 | 5.239183 | z 22343.86 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3298.515 | 77556.04 | 12659.98 | 2637.795 | 4398.272 |
| Stddev    | 7.373    | 173.31   | 14.58    | 3.856    | 3.298    |
| %RSD      | .2235185 | .2234655 | .1151535 | .1461737 | .0749921 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3296.704 | 77664.28 | 12674.95 | 2638.961 | 4397.133 |
| #2 | 3292.217 | 77647.68 | 12645.83 | 2640.933 | 4395.695 |
| #3 | 3306.625 | 77356.14 | 12659.15 | 2633.490 | 4401.989 |

Sample Name: CCB01      Acquired: 3/28/2024 12:09:47      Type: Unk  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002451 | -.001386 | .0002254 | -.001254 | -.000296 | .0153293 | -.004173 |
| Stddev | .001792  | .001425  | .0005554 | .000671  | .000448  | .0169928 | .004664  |
| %RSD   | 73.11415 | 102.8356 | 246.3593 | 53.49905 | 151.5143 | 110.8518 | 111.7453 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001970 | -.002253 | .0008424 | -.000502 | -.000470 | .0331263 | .001073  |
| #2 | -.000949 | .000259  | -.000235 | -.001468 | -.000630 | .0135864 | -.005745 |
| #3 | -.004434 | -.002163 | .000069  | -.001792 | .000213  | -.000725 | -.007848 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000046 | -.000024 | .0126931 | -.000044 | -.000030 | -.000090 | -.003057 |
| Stddev | .000049  | .000086  | .0252556 | .000169  | .000259  | .000268  | .004435  |
| %RSD   | 106.8272 | 366.1333 | 198.9715 | 388.0586 | 877.2785 | 298.7561 | 145.1070 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000023 | .000042  | .0398249 | -.000082 | -.000011 | .000081  | .001332  |
| #2 | -.000012 | -.000121 | .0083871 | .000141  | .000219  | -.000398 | -.002965 |
| #3 | -.000102 | .000009  | -.010133 | -.000190 | -.000297 | .000048  | -.007537 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000886 | .0071591 | .0000039 | .0004220 | -.011231 | -.003027 | .0001302 |
| Stddev | .001041  | .0282995 | .0001428 | .0001937 | .014236  | .001552  | .0001935 |
| %RSD   | 117.4333 | 395.2914 | 3649.846 | 45.89839 | 126.7628 | 51.26827 | 148.5673 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000234  | .0349469 | .0000868 | .0006305 | .005061  | -.001258 | .0001516 |
| #2 | -.001070 | .0081563 | -.000161 | .0003879 | -.021276 | -.003661 | .0003122 |
| #3 | -.001822 | -.021626 | .000086  | .0002476 | -.017478 | -.004160 | -.000073 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.019872 | -.012158 | -.000073 | -.000639 | -.001448 | .0024120 | -.000039 |
| Stddev | .010326  | .000397  | .000235  | .000535  | .001873  | .0009080 | .000112  |
| %RSD   | 51.96015 | 3.263012 | 321.5688 | 83.75870 | 129.3815 | 37.64420 | 289.1330 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.012635 | -.012272 | .000172  | -.000316 | .000601  | .0028742 | .000090  |
| #2 | -.031696 | -.011717 | -.000296 | -.001257 | -.001873 | .0013659 | -.000099 |
| #3 | -.015285 | -.012485 | -.000095 | -.000345 | -.003072 | .0029959 | -.000108 |

Sample Name: CCB01      Acquired: 3/28/2024 12:09:47      Type: Unk  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB01      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
|--------|-----------------|-----------------|-----------------|----------------|
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>-.000300</b> | <b>-.001052</b> | <b>-.001152</b> | <b>z *****</b> |
| Stddev | .000198         | .002007         | .002079         | -----          |
| %RSD   | 65.92957        | 190.7554        | 180.4276        | -----          |

|    |                 |                 |                 |                   |
|----|-----------------|-----------------|-----------------|-------------------|
| #1 | <b>-.000504</b> | <b>.001124</b>  | <b>.001115</b>  | <b>z 1809.937</b> |
| #2 | <b>-.000284</b> | <b>-.001449</b> | <b>-.001603</b> | <b>z 1808.397</b> |
| #3 | <b>-.000110</b> | <b>-.002830</b> | <b>-.002969</b> | <b>z 1812.999</b> |

| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3644.499</b> | <b>87241.32</b> | <b>13729.11</b> | <b>2930.071</b> | <b>5419.384</b> |
| Stddev    | 22.171          | 124.69          | 209.09          | 5.609           | 20.078          |
| %RSD      | .6083324        | .1429252        | 1.522962        | .1914142        | .3704776        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3658.839</b> | <b>87256.06</b> | <b>13930.40</b> | <b>2928.331</b> | <b>5430.932</b> |
| #2 | <b>3655.694</b> | <b>87357.99</b> | <b>13743.94</b> | <b>2936.343</b> | <b>5431.020</b> |
| #3 | <b>3618.963</b> | <b>87109.92</b> | <b>13513.01</b> | <b>2925.538</b> | <b>5396.201</b> |

Sample Name: PB159776BL      Acquired: 3/28/2024 12:14:17      Type: Unk  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      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>-.002933</b> | <b>-.001145</b> | <b>-.000820</b> | <b>-.000156</b> | <b>-.000858</b> | <b>-.010467</b> | <b>-.011559</b> |
| Stddev | .000568         | .001041         | .000215         | .000240         | .000805         | .007652         | .000163         |
| %RSD   | 19.36454        | 90.94330        | 26.26371        | 153.5967        | 93.75517        | 73.10056        | 1.407980        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.003147</b> | <b>-.002040</b> | <b>-.001030</b> | <b>-.000284</b> | <b>-.001786</b> | <b>-.003116</b> | <b>-.011455</b> |
| #2 | <b>-.003363</b> | <b>-.001392</b> | <b>-.000600</b> | <b>-.000306</b> | <b>-.000346</b> | <b>-.009899</b> | <b>-.011475</b> |
| #3 | <b>-.002289</b> | <b>-.000002</b> | <b>-.000830</b> | <b>.000121</b>  | <b>-.000443</b> | <b>-.018387</b> | <b>-.011747</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000131</b> | <b>-.000215</b> | <b>-.025257</b> | <b>-.000377</b> | <b>-.000234</b> | <b>-.000336</b> | <b>-.013693</b> |
| Stddev | .000011         | .000035         | .000871         | .000244         | .000102         | .000047         | .003664         |
| %RSD   | 8.715057        | 16.34610        | 3.449578        | 64.85056        | 43.63560        | 14.10288        | 26.75537        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000144</b> | <b>-.000245</b> | <b>-.024995</b> | <b>-.000654</b> | <b>-.000262</b> | <b>-.000369</b> | <b>-.016621</b> |
| #2 | <b>-.000121</b> | <b>-.000223</b> | <b>-.026229</b> | <b>-.000192</b> | <b>-.000319</b> | <b>-.000357</b> | <b>-.009585</b> |
| #3 | <b>-.000129</b> | <b>-.000176</b> | <b>-.024547</b> | <b>-.000285</b> | <b>-.000121</b> | <b>-.000282</b> | <b>-.014874</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.002726</b> | <b>-.033200</b> | <b>-.000088</b> | <b>.0003761</b> | <b>-.025107</b> | <b>-.004482</b> | <b>-.000229</b> |
| Stddev | .000173         | .017314         | .000111         | .0001886        | .009077         | .001327         | .000033         |
| %RSD   | 6.335230        | 52.15040        | 126.2875        | 50.15553        | 36.15410        | 29.60786        | 14.50392        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002807</b> | <b>-.049578</b> | <b>-.000081</b> | <b>.0005406</b> | <b>-.017504</b> | <b>-.003069</b> | <b>-.000244</b> |
| #2 | <b>-.002527</b> | <b>-.034942</b> | <b>.000020</b>  | <b>.0004174</b> | <b>-.035156</b> | <b>-.004675</b> | <b>-.000252</b> |
| #3 | <b>-.002843</b> | <b>-.015081</b> | <b>-.000201</b> | <b>.0001702</b> | <b>-.022659</b> | <b>-.005702</b> | <b>-.000191</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.017636</b> | <b>-.014452</b> | <b>-.000477</b> | <b>-.001166</b> | <b>-.005117</b> | <b>-.008328</b> | <b>-.000428</b> |
| Stddev | .005323         | .000354         | .000153         | .000642         | .000170         | .001770         | .000158         |
| %RSD   | 30.18035        | 2.449304        | 32.18862        | 55.05492        | 3.322609        | 21.25307        | 36.99347        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.022256</b> | <b>-.014344</b> | <b>-.000369</b> | <b>-.000433</b> | <b>-.005162</b> | <b>-.006445</b> | <b>-.000598</b> |
| #2 | <b>-.011816</b> | <b>-.014165</b> | <b>-.000652</b> | <b>-.001626</b> | <b>-.005260</b> | <b>-.009958</b> | <b>-.000284</b> |
| #3 | <b>-.018835</b> | <b>-.014847</b> | <b>-.000408</b> | <b>-.001440</b> | <b>-.004929</b> | <b>-.008581</b> | <b>-.000403</b> |

Sample Name: PB159776BL      Acquired: 3/28/2024 12:14:17      Type: Unk  
 Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |                |
|--------|-----------------|-----------------|-----------------|----------------|
| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>-.000444</b> | <b>-.004305</b> | <b>-.004861</b> | <b>z *****</b> |
| Stddev | .000293         | .000069         | .000045         | -----          |
| %RSD   | 65.99123        | 1.605839        | .9240342        | -----          |

|    |                 |                 |                 |                   |
|----|-----------------|-----------------|-----------------|-------------------|
| #1 | <b>-.000225</b> | <b>-.004372</b> | <b>-.004818</b> | <b>z 1776.257</b> |
| #2 | <b>-.000329</b> | <b>-.004234</b> | <b>-.004857</b> | <b>z 1787.518</b> |
| #3 | <b>-.000776</b> | <b>-.004310</b> | <b>-.004908</b> | <b>z 1769.254</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3635.510</b> | <b>87490.19</b> | <b>13321.98</b> | <b>2903.333</b> | <b>5450.192</b> |
| Stddev    | 10.897          | 325.41          | 74.53           | 11.014          | 9.572           |
| %RSD      | .2997301        | .3719352        | .5594195        | .3793642        | .1756348        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3647.640</b> | <b>87841.46</b> | <b>13395.87</b> | <b>2915.999</b> | <b>5460.550</b> |
| #2 | <b>3626.551</b> | <b>87430.09</b> | <b>13323.22</b> | <b>2897.998</b> | <b>5448.355</b> |
| #3 | <b>3632.338</b> | <b>87199.02</b> | <b>13246.84</b> | <b>2896.003</b> | <b>5441.672</b> |

Sample Name: PB159776BS      Acquired: 3/28/2024 12:18:48      Type: Unk  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7878999 | 1.949120 | .9520641 | 1.873390 | .7710037 | 1.983955 |
| Stddev | .0062737 | .010869  | .0014207 | .007526  | .0032509 | .136909  |
| %RSD   | .7962516 | .5576459 | .1492211 | .4017441 | .4216492 | 6.900811 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7922220 | 1.956066 | .9537028 | 1.868378 | .7678489 | 1.857343 |
| #2 | .7807041 | 1.936594 | .9511796 | 1.869747 | .7708193 | 2.129243 |
| #3 | .7907736 | 1.954699 | .9513099 | 1.882044 | .7743429 | 1.965278 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1894928 | .1974143 | .1848116 | 1.023952 | .3934729 | .1838915 |
| Stddev | .0131407 | .0106386 | .0001173 | .061996  | .0003257 | .0002967 |
| %RSD   | 6.934684 | 5.388945 | .0634612 | 6.054575 | .0827744 | .1613703 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1766902 | .1873014 | .1849366 | .961390  | .3935064 | .1842155 |
| #2 | .2029474 | .2085103 | .1847943 | 1.085366 | .3937806 | .1838262 |
| #3 | .1888408 | .1964314 | .1847040 | 1.025102 | .3931318 | .1836329 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3069459 | 2.817813 | .2068859 | 1.755210 | .4690591 | .0728822 |
| Stddev | .0010079 | .019439  | .0136410 | .101463  | .0006467 | .0001227 |
| %RSD   | .3283505 | .6898733 | 6.593499 | 5.780672 | .1378747 | .1683013 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3074267 | 2.801811 | .1938815 | 1.659365 | .4690734 | .0728772 |
| #2 | .3057877 | 2.839446 | .2210850 | 1.861485 | .4696985 | .0727620 |
| #3 | .3076234 | 2.812181 | .2056910 | 1.744779 | .4684054 | .0730072 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.557913 | .2961504 | .2050109 | 9.281817 | .2750558 | .4213618 |
| Stddev | .038892  | .0182505 | .0016199 | .122618  | .0142342 | .0005400 |
| %RSD   | 1.520457 | 6.162572 | .7901455 | 1.321057 | 5.175034 | .1281475 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.513056 | .2800077 | .2067078 | 9.140685 | .2614716 | .4217047 |
| #2 | 2.578481 | .3159538 | .2034810 | 9.362203 | .2898613 | .4207394 |
| #3 | 2.582202 | .2924898 | .2048438 | 9.342563 | .2738345 | .4216414 |

Sample Name: PB159776BS      Acquired: 3/28/2024 12:18:48      Type: Unk  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774     | S_1820     | Li6707     |
|--------|----------|----------|----------|------------|------------|------------|
| Units  | ppm      | ppm      | ppm      | ppm        | ppm        | ppm        |
| Avg    | .6192556 | .2010551 | .8379923 | F .5677065 | F .0005742 | F .0152688 |
| Stddev | .0023294 | .0131751 | .0107422 | .0102999   | .0001296   | .0013238   |
| %RSD   | .3761624 | 6.552966 | 1.281892 | 1.814293   | 22.57774   | 8.670195   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6172790 | .1882820 | .8275686 | .5789960 | .0006475 | .0140027 |
| #2 | .6186641 | .2145983 | .8490268 | .5653015 | .0006505 | .0166436 |
| #3 | .6218237 | .2002848 | .8373814 | .5588219 | .0004245 | .0151601 |

| Elem   | Sr4077   | Ce4040  |
|--------|----------|---------|
| Units  | ppm      | Cts/S   |
| Avg    | .2014970 | Z ***** |
| Stddev | .0135408 | -----   |
| %RSD   | 6.720116 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .1882745 | Z 10974.43 |
| #2 | .2153351 | Z 11032.14 |
| #3 | .2008813 | Z 10979.71 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3578.811 | 84113.69 | 13278.41 | 2816.834 | 5231.315 |
| Stddev    | 9.271    | 232.22   | 663.32   | 13.695   | 12.454   |
| %RSD      | .2590661 | .2760742 | 4.995451 | .4861930 | .2380742 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3584.627 | 83920.24 | 13916.84 | 2802.037 | 5237.184 |
| #2 | 3583.687 | 84371.22 | 12592.73 | 2829.064 | 5239.751 |
| #3 | 3568.119 | 84049.62 | 13325.66 | 2819.401 | 5217.011 |

Sample Name: P1863-02DUP      Acquired: 3/28/2024 12:22:59      Type: Unk  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0331855 | -.019160 | .2455141 | -.031328 | .0158424 | 131.9895 |
| Stddev | .0023866 | .000767  | .0004643 | .003267  | .0012748 | .4602    |
| %RSD   | 7.191662 | 4.003270 | .1891304 | 10.42771 | 8.046535 | .3486986 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0355270 | -.018279 | .2460500 | -.030674 | .0160138 | 132.3900 |
| #2 | .0332733 | -.019521 | .2452323 | -.028437 | .0170228 | 132.0920 |
| #3 | .0307562 | -.019679 | .2452600 | -.034872 | .0144906 | 131.4867 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4320603 | .0079703 | .0025535 | 116.1022 | .2025628 | .1957689 |
| Stddev | .0007517 | .0001384 | .0004588 | .4766    | .0013370 | .0006017 |
| %RSD   | .1739844 | 1.736370 | 17.96885 | .4105224 | .6600537 | .3073651 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4329275 | .0081030 | .0028698 | 115.9958 | .2038106 | .1964630 |
| #2 | .4316599 | .0079811 | .0027634 | 116.6231 | .2027261 | .1954484 |
| #3 | .4315936 | .0078268 | .0020272 | 115.6878 | .2011516 | .1953952 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5080555 | 306.5237 | 4.793372 | 80.94003 | .2797385 | .0163209 |
| Stddev | .0008439 | 2.3425   | .022120  | .65333   | .0011721 | .0001184 |
| %RSD   | .1660934 | .7642091 | .4614769 | .8071780 | .4189797 | .7251604 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5072261 | 304.1447 | 4.797745 | 80.84062 | .2800501 | .0162158 |
| #2 | .5089131 | 306.5987 | 4.812980 | 81.63737 | .2807233 | .0162978 |
| #3 | .5080273 | 308.8278 | 4.769392 | 80.34210 | .2784422 | .0164491 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.44475 | .6160566 | 1.734288 | 7.905940 | .4469905 | .0010740 |
| Stddev | .09209   | .0030496 | .003272  | .049003  | .0123674 | .0002873 |
| %RSD   | .8046718 | .4950172 | .1886693 | .6198308 | 2.766805 | 26.75248 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 11.44296 | .6194089 | 1.730970 | 7.903693 | .4369331 | .0007781 |
| #2 | 11.35356 | .6153141 | 1.734383 | 7.858099 | .4432393 | .0013519 |
| #3 | 11.53772 | .6134468 | 1.737512 | 7.956029 | .4607992 | .0010920 |

Sample Name: P1863-02DUP      Acquired: 3/28/2024 12:22:59      Type: Unk  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361     | Si2881   | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0387834 | F 10.32434 | 6.061946 | .7411498 | .2305159 | .0136489 |
| Stddev | .0011291 | .00226     | .032410  | .0101576 | .0007346 | .0001601 |
| %RSD   | 2.911261 | .0218651   | .5346389 | 1.370513 | .3186546 | 1.173267 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0379919 | 10.32446 | 6.084196 | .7523011 | .2299665 | .0137485 |
| #2 | .0382820 | 10.32653 | 6.024762 | .7387227 | .2313503 | .0137341 |
| #3 | .0400764 | 10.32202 | 6.076880 | .7324257 | .2302310 | .0134642 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | .1117252 | Z ***** |
| Stddev | .0028757 | -----   |
| %RSD   | 2.573953 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .1148295 | Z 5237.938 |
| #2 | .1111941 | Z 5239.074 |
| #3 | .1091520 | Z 5208.375 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3782.499 | 93036.81 | 15914.67 | 3075.856 | 4197.951 |
| Stddev    | 17.126   | 333.70   | 83.40    | 25.563   | 15.160   |
| %RSD      | .4527711 | .3586701 | .5240649 | .8310803 | .3611322 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3802.072 | 93324.29 | 15960.92 | 3099.429 | 4214.069 |
| #2 | 3775.158 | 93115.27 | 15818.39 | 3079.454 | 4195.806 |
| #3 | 3770.267 | 92670.88 | 15964.70 | 3048.685 | 4183.977 |

Sample Name: P1863-02LX5      Acquired: 3/28/2024 12:27:18      Type: Unk  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0037779 | -.002178 | .0477143 | -.005281 | .0026338 | 29.91510 | .0936719 |
| Stddev | .0038681 | .000423  | .0006456 | .002675  | .0007818 | .12543   | .0006498 |
| %RSD   | 102.3888 | 19.41655 | 1.353074 | 50.65556 | 29.68580 | .4192794 | .6937543 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0006754 | -.001802 | .0484383 | -.007371 | .0031466 | 29.82092 | .0939652 |
| #2 | .0025464 | -.002636 | .0471982 | -.006206 | .0017339 | 30.05748 | .0941234 |
| #3 | .0081118 | -.002097 | .0475065 | -.002266 | .0030208 | 29.86690 | .0929271 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0019200 | -.002969 | 27.72422 | .0480697 | .0367518 | .1184042 | 72.57204 |
| Stddev | .0000144 | .000080  | .07403   | .0001868 | .0000595 | .0002108 | .39175   |
| %RSD   | .7521346 | 2.700343 | .2670379 | .3887126 | .1619655 | .1780359 | .5398116 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0019348 | -.003054 | 27.68346 | .0480120 | .0368205 | .1181714 | 72.97028 |
| #2 | .0019191 | -.002958 | 27.80967 | .0479184 | .0367147 | .1184592 | 72.55872 |
| #3 | .0019060 | -.002894 | 27.67952 | .0482786 | .0367202 | .1185820 | 72.18711 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.163710 | 18.67297 | .0547475 | .0043445 | 2.445475 | .1451655 | .3981964 |
| Stddev | .003512  | .06138   | .0002777 | .0000517 | .016849  | .0006039 | .0004708 |
| %RSD   | .3017992 | .3287146 | .5071661 | 1.190218 | .6889690 | .4160224 | .1182309 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.160157 | 18.73473 | .0550489 | .0043904 | 2.456950 | .1452014 | .3985922 |
| #2 | 1.167179 | 18.67221 | .0545022 | .0043546 | 2.453343 | .1457507 | .3983213 |
| #3 | 1.163795 | 18.61197 | .0546912 | .0042885 | 2.426131 | .1445444 | .3976758 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.686120 | .0955823 | -.000250 | .0054882 | 2.460015 | 1.488858 | .1351527 |
| Stddev | .024754  | .0031415 | .000236  | .0012352 | .005054  | .005058  | .0019976 |
| %RSD   | 1.468128 | 3.286696 | 94.39019 | 22.50547 | .2054403 | .3397301 | 1.478042 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.712082 | .0985886 | .000022  | .0067179 | 2.456120 | 1.484903 | .1373083 |
| #2 | 1.683495 | .0958371 | -.000371 | .0042477 | 2.465726 | 1.487115 | .1347858 |
| #3 | 1.662783 | .0923211 | -.000401 | .0054991 | 2.458197 | 1.494558 | .1333640 |

Sample Name: P1863-02LX5      Acquired: 3/28/2024 12:27:18      Type: Unk  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0359264 | .0002807 | .0220551 | z ***** |
| Stddev | .0005164 | .0002736 | .0004713 | -----   |
| %RSD   | 1.437298 | 97.44737 | 2.136815 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .0362692 | .0004730 | .0215905 | z 2587.408 |
| #2 | .0361775 | .0004016 | .0225328 | z 2582.518 |
| #3 | .0353325 | -.000032 | .0220421 | z 2574.932 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3568.125 | 85182.02 | 13814.39 | 2849.495 | 4851.781 |
| Stddev    | 8.217    | 280.02   | 139.94   | 9.173    | 10.929   |
| %RSD      | .2302974 | .3287289 | 1.013038 | .3219178 | .2252600 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3575.284 | 85495.32 | 13971.73 | 2859.171 | 4861.017 |
| #2 | 3569.939 | 85094.59 | 13767.62 | 2848.390 | 4854.610 |
| #3 | 3559.152 | 84956.15 | 13703.83 | 2840.925 | 4839.716 |

Sample Name: P1863-02MS      Acquired: 3/28/2024 12:31:37      Type: Unk  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7348664 | 1.994059 | 1.211000 | 1.650533 | .6890643 | 131.4354 |
| Stddev | .0038778 | .006710  | .001138  | .001672  | .0016647 | 2.8486   |
| %RSD   | .5276930 | .3365228 | .0940075 | .1013182 | .2415838 | 2.167308 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7365982 | 1.990658 | 1.211186 | 1.652087 | .6878598 | 128.2081 |
| #2 | .7375765 | 2.001789 | 1.209779 | 1.650750 | .6909638 | 132.4985 |
| #3 | .7304244 | 1.989730 | 1.212033 | 1.648763 | .6883691 | 133.5995 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5841521 | .1693702 | .1969460 | 115.2919 | .5033842 | .3829617 |
| Stddev | .0149035 | .0026223 | .0001020 | 2.2650   | .0015162 | .0007572 |
| %RSD   | 2.551304 | 1.548272 | .0517664 | 1.964592 | .3011994 | .1977283 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5672298 | .1664875 | .1968646 | 112.7219 | .5048442 | .3835540 |
| #2 | .5899038 | .1700088 | .1970604 | 116.1567 | .5018175 | .3832225 |
| #3 | .5953227 | .1716142 | .1969131 | 116.9971 | .5034911 | .3821085 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7444146 | 302.9909 | 4.887054 | 80.26635 | .7568774 | .0804237 |
| Stddev | .0009131 | 1.4979   | .101219  | 1.84838  | .0018099 | .0004795 |
| %RSD   | .1226635 | .4943839 | 2.071175 | 2.302812 | .2391209 | .5962463 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7454447 | 302.2210 | 4.772100 | 78.14740 | .7562888 | .0806907 |
| #2 | .7437044 | 302.0345 | 4.926240 | 81.10432 | .7554351 | .0798702 |
| #3 | .7440948 | 304.7172 | 4.962822 | 81.54733 | .7589082 | .0807104 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.44678 | .8425378 | 1.879127 | 16.27707 | .6632703 | .3372194 |
| Stddev | .14048   | .0180055 | .003328  | .15509   | .0062632 | .0005105 |
| %RSD   | 1.044710 | 2.137062 | .1771046 | .9528356 | .9442928 | .1513953 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 13.29474 | .8218897 | 1.880799 | 16.11939 | .6679922 | .3377420 |
| #2 | 13.47382 | .8507540 | 1.875294 | 16.28237 | .6561654 | .3371943 |
| #3 | 13.57177 | .8549697 | 1.881287 | 16.42944 | .6656534 | .3367218 |

Sample Name: P1863-02MS      Acquired: 3/28/2024 12:31:37      Type: Unk  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361     | Si2881   | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6801749 | F 10.33904 | 6.773427 | 1.366990 | .2269065 | .0300713 |
| Stddev | .0021751 | .23881     | .043669  | .017564  | .0019635 | .0008475 |
| %RSD   | .3197807 | 2.309781   | .6447035 | 1.284839 | .8653203 | 2.818144 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6778591 | 10.06841 | 6.741297 | 1.386168 | .2281167 | .0291078 |
| #2 | .6821747 | 10.42859 | 6.755836 | 1.363116 | .2279617 | .0304049 |
| #3 | .6804908 | 10.52014 | 6.823147 | 1.351688 | .2246410 | .0307012 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | .2772060 | Z ***** |
| Stddev | .0123506 | -----   |
| %RSD   | 4.455402 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .2630591 | Z 13153.17 |
| #2 | .2827180 | Z 13140.42 |
| #3 | .2858408 | Z 13150.96 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3762.329 | 91745.04 | 15553.83 | 3014.798 | 4173.431 |
| Stddev    | 7.839    | 80.89    | 239.68   | 4.344    | 12.862   |
| %RSD      | .2083444 | .0881641 | 1.540981 | .1441020 | .3081953 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3770.896 | 91669.18 | 15828.76 | 3010.812 | 4187.469 |
| #2 | 3760.577 | 91830.16 | 15443.93 | 3019.428 | 4170.613 |
| #3 | 3755.515 | 91735.79 | 15388.81 | 3014.153 | 4162.212 |

Sample Name: P1863-02MSD      Acquired: 3/28/2024 12:35:48      Type: Unk  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7400138 | 1.964221 | 1.156475 | 1.680439 | .7323452 | 129.6862 |
| Stddev | .0042225 | .005158  | .002139  | .006521  | .0029388 | 5.7704   |
| %RSD   | .5705963 | .2626026 | .1849821 | .3880274 | .4012794 | 4.449499 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7404986 | 1.969118 | 1.157009 | 1.680927 | .7317366 | 136.3412 |
| #2 | .7439730 | 1.958837 | 1.154119 | 1.673689 | .7297583 | 126.6417 |
| #3 | .7355699 | 1.964709 | 1.158297 | 1.686702 | .7355405 | 126.0757 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5566808 | .1780687 | .1912206 | 102.1721 | .4844506 | .3405962 |
| Stddev | .0258519 | .0070953 | .0004696 | 4.6376   | .0019400 | .0017989 |
| %RSD   | 4.643935 | 3.984565 | .2455801 | 4.538995 | .4004562 | .5281690 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5864421 | .1862592 | .1910025 | 107.5246 | .4866780 | .3392017 |
| #2 | .5438044 | .1741473 | .1908998 | 99.6379  | .4831308 | .3399601 |
| #3 | .5397959 | .1737997 | .1917596 | 99.3538  | .4835429 | .3426267 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6648268 | 270.2824 | 4.532739 | 56.41548 | .7012836 | .0816032 |
| Stddev | .0025456 | 1.7593   | .200685  | 2.60859  | .0006444 | .0007694 |
| %RSD   | .3828900 | .6508940 | 4.427445 | 4.623899 | .0918813 | .9428017 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6622505 | 272.2662 | 4.764296 | 59.42677 | .7019953 | .0824055 |
| #2 | .6648894 | 269.6691 | 4.424730 | 54.97186 | .7007399 | .0815323 |
| #3 | .6673404 | 268.9118 | 4.409191 | 54.84780 | .7011156 | .0808717 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.13023 | .8561756 | 1.613315 | 16.19062 | .7153309 | .3615014 |
| Stddev | .03403   | .0412851 | .001831  | .05357   | .0067088 | .0011662 |
| %RSD   | .3358991 | 4.822034 | .1135120 | .3308690 | .9378665 | .3225973 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.16534 | .9038416 | 1.611925 | 16.24017 | .7080830 | .3603639 |
| #2 | 10.12796 | .8316952 | 1.612630 | 16.19792 | .7213234 | .3614460 |
| #3 | 10.09740 | .8329899 | 1.615390 | 16.13378 | .7165863 | .3626944 |

Sample Name: P1863-02MSD      Acquired: 3/28/2024 12:35:48      Type: Unk  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |            |          |          |          |
|--------|----------|------------|------------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361     | Si2881     | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm        | ppm        | ppm      | ppm      | ppm      |
| Avg    | .7258284 | F 11.46885 | F 13.06655 | 1.287736 | .1353531 | .0334811 |
| Stddev | .0010610 | .50617     | .08782     | .019332  | .0015304 | .0027460 |
| %RSD   | .1461774 | 4.413430   | .6720730   | 1.501256 | 1.130699 | 8.201603 |
| #1     | .7269349 | 12.05292   | 13.15709   | 1.307835 | .1335957 | .0365904 |
| #2     | .7257305 | 11.19565   | 13.06084   | 1.286097 | .1360708 | .0324645 |
| #3     | .7248197 | 11.15798   | 12.98174   | 1.269275 | .1363927 | .0313883 |

|        |          |            |
|--------|----------|------------|
| Elem   | Sr4077   | Ce4040     |
| Units  | ppm      | Cts/S      |
| Avg    | .2568640 | Z *****    |
| Stddev | .0223802 | -----      |
| %RSD   | 8.712845 | -----      |
| #1     | .2826578 | Z 13085.83 |
| #2     | .2453381 | Z 13050.24 |
| #3     | .2425960 | Z 13051.86 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3739.334 | 90618.13 | 14849.44 | 3019.728 | 4308.146 |
| Stddev    | 14.695   | 192.91   | 540.34   | 12.120   | 13.964   |
| %RSD      | .3929951 | .2128811 | 3.638812 | .4013655 | .3241350 |
| #1        | 3753.760 | 90829.34 | 14225.97 | 3033.693 | 4320.261 |
| #2        | 3739.858 | 90451.23 | 15140.27 | 3011.946 | 4311.306 |
| #3        | 3724.383 | 90573.81 | 15182.07 | 3013.545 | 4292.873 |

Sample Name: P1863-02A      Acquired: 3/28/2024 12:39:54      Type: Unk  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7242344 | 1.924039 | 1.191615 | 1.619773 | .6592682 | 133.4736 |
| Stddev | .0053027 | .025298  | .002909  | .003220  | .0008328 | 1.7266   |
| %RSD   | .7321838 | 1.314849 | .2441077 | .1988161 | .1263214 | 1.293593 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7241078 | 1.943444 | 1.191303 | 1.623491 | .6584179 | 131.6212 |
| #2 | .7189961 | 1.933248 | 1.188875 | 1.617899 | .6593045 | 133.7613 |
| #3 | .7295993 | 1.895427 | 1.194667 | 1.617928 | .6600823 | 135.0382 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5961025 | .1698152 | .1931239 | 115.9941 | .5009277 | .3781537 |
| Stddev | .0053379 | .0009079 | .0002703 | 1.1980   | .0015412 | .0008067 |
| %RSD   | .8954616 | .5346163 | .1399512 | 1.032774 | .3076649 | .2133362 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5902875 | .1687704 | .1932330 | 114.6109 | .5021578 | .3790774 |
| #2 | .5972405 | .1704123 | .1928161 | 116.6764 | .4991990 | .3775876 |
| #3 | .6007797 | .1702628 | .1933225 | 116.6951 | .5014264 | .3777959 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7411440 | 301.8456 | 4.928707 | 81.46603 | .7436058 | .0796027 |
| Stddev | .0012537 | 1.0279   | .055056  | .60037   | .0016419 | .0000900 |
| %RSD   | .1691631 | .3405381 | 1.117053 | .7369569 | .2208002 | .1130346 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7421548 | 302.2490 | 4.865871 | 80.79312 | .7447639 | .0795180 |
| #2 | .7415362 | 300.6772 | 4.951763 | 81.65816 | .7417268 | .0795929 |
| #3 | .7397411 | 302.6106 | 4.968486 | 81.94682 | .7443266 | .0796971 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.61650 | .8461523 | 1.887636 | 16.25902 | .6531580 | .3211587 |
| Stddev | .13294   | .0074180 | .004395  | .12743   | .0060622 | .0010350 |
| %RSD   | .9763481 | .8766766 | .2328295 | .7837709 | .9281402 | .3222649 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 13.52928 | .8377186 | 1.892661 | 16.14838 | .6588821 | .3222493 |
| #2 | 13.55070 | .8490725 | 1.884513 | 16.23033 | .6468065 | .3210368 |
| #3 | 13.76951 | .8516658 | 1.885732 | 16.39835 | .6537854 | .3201901 |

Sample Name: P1863-02A      Acquired: 3/28/2024 12:39:54      Type: Unk  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361     | Si2881   | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6458356 | F 10.45562 | 6.874705 | 1.338159 | .2242150 | .0335639 |
| Stddev | .0024954 | .11848     | .039863  | .017269  | .0009473 | .0013475 |
| %RSD   | .3863874 | 1.133153   | .5798503 | 1.290474 | .4225107 | 4.014770 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6485291 | 10.32244 | 6.874770 | 1.355682 | .2248130 | .0350540 |
| #2 | .6436023 | 10.49508 | 6.834810 | 1.337640 | .2247093 | .0332067 |
| #3 | .6453755 | 10.54933 | 6.914536 | 1.321156 | .2231228 | .0324309 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | .2849541 | Z ***** |
| Stddev | .0070574 | -----   |
| %RSD   | 2.476692 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .2769179 | Z 13015.62 |
| #2 | .2878008 | Z 12986.46 |
| #3 | .2901436 | Z 12961.23 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3737.916 | 90884.25 | 15222.44 | 2973.713 | 4156.892 |
| Stddev    | 7.798    | 337.26   | 148.11   | 12.265   | 12.399   |
| %RSD      | .2086190 | .3710872 | .9729934 | .4124434 | .2982695 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3746.736 | 91197.01 | 15393.46 | 2987.876 | 4169.346 |
| #2 | 3735.076 | 90928.82 | 15135.86 | 2966.599 | 4156.782 |
| #3 | 3731.937 | 90526.92 | 15137.99 | 2966.665 | 4144.550 |

Sample Name: PB159799BL      Acquired: 3/28/2024 13:01:41      Type: Unk  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      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>-.002606</b> | <b>-.001607</b> | <b>.0003754</b> | <b>-.002222</b> | <b>-.000885</b> | <b>.0192070</b> | <b>-.008752</b> |
| Stddev | .001540         | .000298         | .0006237        | .000909         | .000194         | .0144109        | .002389         |
| %RSD   | 59.09889        | 18.54738        | 166.1563        | 40.90660        | 21.91053        | 75.02939        | 27.29600        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.004321</b> | <b>-.001309</b> | <b>-.000004</b> | <b>-.002780</b> | <b>-.001106</b> | <b>.0334995</b> | <b>-.006232</b> |
| #2 | <b>-.002154</b> | <b>-.001606</b> | <b>.000035</b>  | <b>-.002714</b> | <b>-.000744</b> | <b>.0194408</b> | <b>-.009039</b> |
| #3 | <b>-.001342</b> | <b>-.001905</b> | <b>.001095</b>  | <b>-.001173</b> | <b>-.000804</b> | <b>.0046806</b> | <b>-.010983</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000073</b> | <b>-.000159</b> | <b>.0138402</b> | <b>-.000397</b> | <b>-.000204</b> | <b>-.000193</b> | <b>.0496609</b> |
| Stddev | .000086         | .000048         | .0227198        | .000086         | .000028         | .000272         | .0281726        |
| %RSD   | 118.8686        | 30.09780        | 164.1581        | 21.69911        | 13.46334        | 141.0536        | 56.72983        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000087</b> | <b>-.000194</b> | <b>.0392233</b> | <b>-.000448</b> | <b>-.000236</b> | <b>-.000094</b> | <b>.0802711</b> |
| #2 | <b>-.000151</b> | <b>-.000177</b> | <b>.0068895</b> | <b>-.000298</b> | <b>-.000187</b> | <b>-.000500</b> | <b>.0438931</b> |
| #3 | <b>.000020</b>  | <b>-.000104</b> | <b>-.004592</b> | <b>-.000446</b> | <b>-.000190</b> | <b>.000016</b>  | <b>.0248187</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000866</b> | <b>.0052970</b> | <b>-.000115</b> | <b>.0004807</b> | <b>-.014096</b> | <b>-.002629</b> | <b>-.000051</b> |
| Stddev | .000879         | .0218390        | .000213         | .0001187        | .003700         | .001307         | .000219         |
| %RSD   | 101.4826        | 412.2933        | 184.4635        | 24.68591        | 26.24931        | 49.71636        | 425.3273        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.000140</b>  | <b>.0133531</b> | <b>.000104</b>  | <b>.0005884</b> | <b>-.010622</b> | <b>-.001803</b> | <b>.000196</b>  |
| #2 | <b>-.001255</b> | <b>.0219635</b> | <b>-.000321</b> | <b>.0005001</b> | <b>-.013679</b> | <b>-.004136</b> | <b>-.000219</b> |
| #3 | <b>-.001485</b> | <b>-.019426</b> | <b>-.000129</b> | <b>.0003535</b> | <b>-.017986</b> | <b>-.001948</b> | <b>-.000131</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.027386</b> | <b>-.017469</b> | <b>-.000609</b> | <b>-.000841</b> | <b>-.001338</b> | <b>-.003211</b> | <b>-.000388</b> |
| Stddev | .001547         | .000446         | .000118         | .000228         | .001891         | .005252         | .000133         |
| %RSD   | 5.647429        | 2.551336        | 19.42031        | 27.10128        | 141.3752        | 163.5842        | 34.14401        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.026245</b> | <b>-.017075</b> | <b>-.000530</b> | <b>-.000935</b> | <b>.000685</b>  | <b>-.009268</b> | <b>-.000516</b> |
| #2 | <b>-.029146</b> | <b>-.017380</b> | <b>-.000552</b> | <b>-.000581</b> | <b>-.001637</b> | <b>-.000439</b> | <b>-.000251</b> |
| #3 | <b>-.026766</b> | <b>-.017953</b> | <b>-.000745</b> | <b>-.001007</b> | <b>-.003062</b> | <b>.000075</b>  | <b>-.000398</b> |

Sample Name: PB159799BL      Acquired: 3/28/2024 13:01:41      Type: Unk  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
|--------|-----------------|-----------------|-----------------|----------------|
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>-.000349</b> | <b>-.002937</b> | <b>-.003117</b> | <b>z *****</b> |
| Stddev | .000150         | .001075         | .001018         | -----          |
| %RSD   | 43.03488        | 36.60698        | 32.65485        | -----          |

|    |                 |                 |                 |                   |
|----|-----------------|-----------------|-----------------|-------------------|
| #1 | <b>-.000519</b> | <b>-.001738</b> | <b>-.002024</b> | <b>z 1732.270</b> |
| #2 | <b>-.000238</b> | <b>-.003257</b> | <b>-.003289</b> | <b>z 1754.519</b> |
| #3 | <b>-.000289</b> | <b>-.003815</b> | <b>-.004037</b> | <b>z 1749.384</b> |

| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3590.743</b> | <b>87101.99</b> | <b>13281.01</b> | <b>2851.267</b> | <b>5413.495</b> |
| Stddev    | 3.524           | 165.41          | 170.36          | 20.389          | 3.542           |
| %RSD      | .0981535        | .1899093        | 1.282698        | .7151029        | .0654288        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3594.812</b> | <b>87208.51</b> | <b>13465.55</b> | <b>2828.993</b> | <b>5412.750</b> |
| #2 | <b>3588.652</b> | <b>87186.04</b> | <b>13247.71</b> | <b>2869.009</b> | <b>5417.350</b> |
| #3 | <b>3588.766</b> | <b>86911.43</b> | <b>13129.76</b> | <b>2855.800</b> | <b>5410.384</b> |

Sample Name: PB159799BS      Acquired: 3/28/2024 13:06:18      Type: Unk  
Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7893254 | 1.948564 | .9464069 | 1.875323 | .7757403 | 1.928474 |
| Stddev | .0025689 | .012395  | .0021269 | .008821  | .0047624 | .028407  |
| %RSD   | .3254597 | .6361088 | .2247362 | .4703752 | .6139196 | 1.473046 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7863607 | 1.960305 | .9447523 | 1.876765 | .7760501 | 1.896484 |
| #2 | .7908926 | 1.935605 | .9456625 | 1.865870 | .7708306 | 1.938188 |
| #3 | .7907231 | 1.949781 | .9488060 | 1.883335 | .7803404 | 1.950750 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1855076 | .1936228 | .1828213 | 1.024706 | .3801577 | .1825099 |
| Stddev | .0034486 | .0025403 | .0002859 | .011297  | .0012538 | .0004747 |
| %RSD   | 1.858992 | 1.311988 | .1563860 | 1.102493 | .3297962 | .2600734 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1816012 | .1909006 | .1824983 | 1.011663 | .3798649 | .1826415 |
| #2 | .1867917 | .1940377 | .1830417 | 1.031017 | .3790762 | .1819834 |
| #3 | .1881298 | .1959302 | .1829241 | 1.031437 | .3815319 | .1829049 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3080825 | 2.754323 | .2005618 | 1.719918 | .4652825 | .0711736 |
| Stddev | .0012677 | .021889  | .0034194 | .019877  | .0002113 | .0002776 |
| %RSD   | .4114785 | .7947249 | 1.704917 | 1.155691 | .0454228 | .3900838 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3075822 | 2.731203 | .1968052 | 1.697082 | .4654764 | .0708687 |
| #2 | .3071412 | 2.774728 | .2013871 | 1.733326 | .4653140 | .0712404 |
| #3 | .3095239 | 2.757039 | .2034930 | 1.729347 | .4650572 | .0714117 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.481766 | .2815603 | .2020926 | 8.980103 | .2693334 | .4205712 |
| Stddev | .021578  | .0052994 | .0009504 | .125377  | .0042400 | .0013528 |
| %RSD   | .8694494 | 1.882170 | .4702679 | 1.396161 | 1.574258 | .3216484 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.457908 | .2755409 | .2011205 | 8.840959 | .2646205 | .4197727 |
| #2 | 2.499916 | .2836163 | .2030197 | 9.084295 | .2705416 | .4198078 |
| #3 | 2.487473 | .2855236 | .2021376 | 9.015053 | .2728382 | .4221331 |

Sample Name: PB159799BS      Acquired: 3/28/2024 13:06:18      Type: Unk  
 Method: NON EPA-6010-200.7(v2207)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |            |            |            |
|--------|----------|----------|----------|------------|------------|------------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774     | S_1820     | Li6707     |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm        | ppm        |
| Avg    | .6242701 | .1997253 | .8041646 | F .5643213 | F .0004336 | F .0152114 |
| Stddev | .0014919 | .0038357 | .0164675 | .0080476   | .0003546   | .0000755   |
| %RSD   | .2389771 | 1.920503 | 2.047775 | 1.426068   | 81.78426   | .4960524   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6240876 | .1953802 | .7854534 | .5721937 | .0006591 | .0151259 |
| #2 | .6228779 | .2011544 | .8105881 | .5646608 | .0000249 | .0152394 |
| #3 | .6258448 | .2026413 | .8164523 | .5561093 | .0006170 | .0152688 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | .1955112 | z ***** |
| Stddev | .0040843 | -----   |
| %RSD   | 2.089060 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .1908838 | z 10945.72 |
| #2 | .1970358 | z 10928.95 |
| #3 | .1986139 | z 10903.64 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3504.764 | 85151.16 | 13316.21 | 2798.837 | 5138.126 |
| Stddev    | 12.197   | 222.58   | 145.93   | 13.457   | 13.668   |
| %RSD      | .3480049 | .2613990 | 1.095878 | .4808162 | .2660087 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3511.149 | 85404.41 | 13467.13 | 2814.131 | 5149.810 |
| #2 | 3512.443 | 84986.55 | 13305.66 | 2788.809 | 5141.472 |
| #3 | 3490.700 | 85062.52 | 13175.84 | 2793.572 | 5123.096 |

Sample Name: P1870-03      Acquired: 3/28/2024 13:10:30      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      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>-.005050</b> | <b>-.003275</b> | <b>.0094238</b> | <b>.0005870</b> | <b>.0000857</b> | <b>.1041574</b> | <b>.1375787</b> |
| Stddev | .003989         | .001164         | .0004842        | .0016064        | .0008189        | .0147719        | .0009149        |
| %RSD   | 78.98864        | 35.55863        | 5.138488        | 273.6526        | 955.1184        | 14.18226        | .6650145        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000475</b> | <b>-.002118</b> | <b>.0093938</b> | <b>.0024410</b> | <b>.0008861</b> | <b>.1123876</b> | <b>.1370180</b> |
| #2 | <b>-.006875</b> | <b>-.003260</b> | <b>.0089552</b> | <b>-.000392</b> | <b>-.000751</b> | <b>.1129809</b> | <b>.1386345</b> |
| #3 | <b>-.007800</b> | <b>-.004447</b> | <b>.0099223</b> | <b>-.000288</b> | <b>.000122</b>  | <b>.0871038</b> | <b>.1370836</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000376</b> | <b>.0001295</b> | <b>34.08912</b> | <b>.0302937</b> | <b>.0008303</b> | <b>.0118362</b> | <b>.4659493</b> |
| Stddev | .0000321        | .0000586        | .10319          | .0003074        | .0001358        | .0003882        | .0098235        |
| %RSD   | 85.41009        | 45.27109        | .3027113        | 1.014762        | 16.35971        | 3.279396        | 2.108285        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0000718</b> | <b>.0001596</b> | <b>33.98871</b> | <b>.0305632</b> | <b>.0009379</b> | <b>.0122684</b> | <b>.4765745</b> |
| #2 | <b>.0000080</b> | <b>.0001670</b> | <b>34.19488</b> | <b>.0299589</b> | <b>.0008752</b> | <b>.0117230</b> | <b>.4640766</b> |
| #3 | <b>.0000331</b> | <b>.0000620</b> | <b>34.08376</b> | <b>.0303591</b> | <b>.0006777</b> | <b>.0115172</b> | <b>.4571970</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2298389</b> | <b>3.665964</b> | <b>.0056450</b> | <b>.0002125</b> | <b>289.0270</b> | <b>-.002957</b> | <b>.0764217</b> |
| Stddev | .0007310        | .029269         | .0001043        | .0000517        | .7377           | .000881         | .0002795        |
| %RSD   | .3180542        | .7984023        | 1.847518        | 24.32637        | .2552245        | 29.78520        | .3657925        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.2290942</b> | <b>3.693202</b> | <b>.0055545</b> | <b>.0002647</b> | <b>288.3729</b> | <b>-.002098</b> | <b>.0764006</b> |
| #2 | <b>.2305554</b> | <b>3.669673</b> | <b>.0056213</b> | <b>.0002113</b> | <b>288.8816</b> | <b>-.002914</b> | <b>.0767112</b> |
| #3 | <b>.2298671</b> | <b>3.635017</b> | <b>.0057591</b> | <b>.0001614</b> | <b>289.8266</b> | <b>-.003858</b> | <b>.0761533</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8866851</b> | <b>-.001330</b> | <b>-.000195</b> | <b>-.000684</b> | <b>-.002950</b> | <b>1.892503</b> | <b>.0011150</b> |
| Stddev | .0167625        | .000371         | .000104         | .000996         | .000497         | .013888         | .0001493        |
| %RSD   | 1.890473        | 27.88911        | 53.20011        | 145.5029        | 16.83070        | .7338562        | 13.38604        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.8705090</b> | <b>-.001457</b> | <b>-.000153</b> | <b>.000464</b>  | <b>-.002540</b> | <b>1.876577</b> | <b>.0011275</b> |
| #2 | <b>.8855682</b> | <b>-.000912</b> | <b>-.000313</b> | <b>-.001202</b> | <b>-.002807</b> | <b>1.902093</b> | <b>.0012576</b> |
| #3 | <b>.9039782</b> | <b>-.001620</b> | <b>-.000119</b> | <b>-.001314</b> | <b>-.003502</b> | <b>1.898839</b> | <b>.0009599</b> |

Sample Name: P1870-03      Acquired: 3/28/2024 13:10:30      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .1057586 | -.002900 | .1527839 | z ***** |
| Stddev | .0005013 | .000167  | .0008955 | -----   |
| %RSD   | .4739887 | 5.744426 | .5860903 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .1063162 | -.002779 | .1517684 | z 1909.291 |
| #2 | .1053454 | -.002831 | .1534601 | z 1885.770 |
| #3 | .1056141 | -.003090 | .1531231 | z 1898.338 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3134.968 | 75193.50 | 12756.17 | 2497.668 | 4306.446 |
| Stddev    | 8.363    | 204.95   | 29.38    | 18.189   | 8.914    |
| %RSD      | .2667708 | .2725620 | .2302991 | .7282226 | .2069835 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3132.412 | 75342.21 | 12781.46 | 2518.649 | 4309.871 |
| #2 | 3144.311 | 75278.57 | 12723.95 | 2487.990 | 4313.139 |
| #3 | 3128.182 | 74959.71 | 12763.12 | 2486.363 | 4296.327 |

Sample Name: CCV02      Acquired: 3/28/2024 13:15:05      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.863903 | 4.802457 | 4.780186 | 4.815302 | 4.938860 | 9.957302 | 10.10700 |
| Stddev | .012707  | .027391  | .003744  | .021814  | .017972  | .076505  | .09901   |
| %RSD   | .2612461 | .5703571 | .0783148 | .4530126 | .3638866 | .7683340 | .9795915 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.863505 | 4.793325 | 4.776248 | 4.796204 | 4.923688 | 9.870967 | 10.04707 |
| #2 | 4.851399 | 4.780798 | 4.783699 | 4.810629 | 4.934186 | 9.984260 | 10.05267 |
| #3 | 4.876803 | 4.833247 | 4.780613 | 4.839074 | 4.958708 | 10.01668 | 10.22128 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2596005 | 2.378333 | 25.71921 | .9389793 | 2.401843 | 1.246716 | 4.741009 |
| Stddev | .0008967 | .001259  | .12360   | .0038933 | .003443  | .005008  | .032607  |
| %RSD   | .3454231 | .0529256 | .4805695 | .4146368 | .1433335 | .4016625 | .6877743 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2599723 | 2.378146 | 25.63503 | .9353321 | 2.399376 | 1.243396 | 4.713363 |
| #2 | .2585777 | 2.377178 | 25.66150 | .9430793 | 2.400377 | 1.244276 | 4.776968 |
| #3 | .2602515 | 2.379674 | 25.86111 | .9385266 | 2.405776 | 1.252476 | 4.732695 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.535849 | 23.13109 | 2.419315 | 1.238516 | 22.87330 | 2.461888 | 2.525243 |
| Stddev | .017105  | .10543   | .003142  | .002526  | .12727   | .023302  | .004669  |
| %RSD   | .6745473 | .4557908 | .1298674 | .2039198 | .5564129 | .9464984 | .1848856 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.519948 | 23.13477 | 2.416758 | 1.237208 | 22.79033 | 2.438260 | 2.523469 |
| #2 | 2.533653 | 23.02386 | 2.418364 | 1.241427 | 23.01983 | 2.462552 | 2.530539 |
| #3 | 2.553946 | 23.23463 | 2.422822 | 1.236913 | 22.80973 | 2.484850 | 2.521721 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.18303 | 5.082287 | 4.961264 | 4.652588 | 5.160750 | 4.584011 | 4.839273 |
| Stddev | .32334   | .014216  | .016411  | .002575  | .034256  | .068631  | .042653  |
| %RSD   | 1.337047 | .2797111 | .3307920 | .0553507 | .6637739 | 1.497173 | .8813927 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 23.80989 | 5.086465 | 4.946948 | 4.653137 | 5.125163 | 4.510455 | 4.886764 |
| #2 | 24.38071 | 5.066451 | 4.957670 | 4.649782 | 5.163590 | 4.595250 | 4.826829 |
| #3 | 24.35848 | 5.093946 | 4.979175 | 4.654844 | 5.193498 | 4.646329 | 4.804226 |

Sample Name: CCV02      Acquired: 3/28/2024 13:15:05      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 4.657012 | 4.988746 | 5.181557 | Z ***** |
| Stddev | .005616  | .052141  | .045421  | -----   |
| %RSD   | .1205901 | 1.045175 | .8765941 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 4.661859 | 5.018450 | 5.187762 | Z 22185.60 |
| #2 | 4.650858 | 5.019247 | 5.133353 | Z 22185.33 |
| #3 | 4.658319 | 4.928540 | 5.223557 | Z 22154.81 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3237.920 | 77765.00 | 12188.29 | 2558.630 | 4363.496 |
| Stddev    | 14.604   | 126.95   | 44.38    | 4.824    | 14.609   |
| %RSD      | .4510410 | .1632455 | .3641494 | .1885344 | .3347963 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3252.444 | 77892.78 | 12166.36 | 2553.727 | 4379.520 |
| #2 | 3238.080 | 77638.90 | 12239.37 | 2558.793 | 4360.047 |
| #3 | 3223.236 | 77763.30 | 12159.13 | 2563.371 | 4350.920 |

Sample Name: CCB02      Acquired: 3/28/2024 13:19:33      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.004047 | -.001170 | .0002588 | .0022904 | -.001390 | .0344323 |
| Stddev | .001876  | .000164  | .0000801 | .0021841 | .000340  | .0242753 |
| %RSD   | 46.35326 | 14.02904 | 30.94174 | 95.36103 | 24.45064 | 70.50161 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.002785 | -.000982 | .0002279 | .0026150 | -.001384 | .0610034 |
| #2 | -.003152 | -.001241 | .0003497 | .0042940 | -.001054 | .0288779 |
| #3 | -.006202 | -.001286 | .0001988 | -.000038 | -.001734 | .0134155 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0265963 | .0000857 | -.000047 | .0830078 | .0005127 | -.000070 |
| Stddev | .0238836 | .0001057 | .000133  | .0670567 | .0004325 | .000063  |
| %RSD   | 89.80048 | 123.3531 | 284.4923 | 80.78366 | 84.34466 | 90.03024 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0528541 | .0002007 | .000098  | .1568914 | .0008403 | -.000005 |
| #2 | .0207696 | .0000634 | -.000074 | .0661287 | .0006753 | -.000131 |
| #3 | .0061652 | -.000007 | -.000164 | .0260033 | .0000225 | -.000074 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000136 | .0260876 | .0076301 | .0640211 | -.000038 | .0006274 |
| Stddev | .000079  | .0174227 | .0057506 | .0595336 | .000226  | .0001436 |
| %RSD   | 57.76159 | 66.78531 | 75.36709 | 92.99059 | 599.6051 | 22.88776 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000046 | .0452274 | .0139037 | .1296152 | .000211  | .0007894 |
| #2 | -.000174 | .0218845 | .0063779 | .0490377 | -.000230 | .0005159 |
| #3 | -.000189 | .0111510 | .0026089 | .0134105 | -.000094 | .0005769 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0762367 | .0057555 | .0012934 | .0724296 | -.005231 | .0003302 |
| Stddev | .0603524 | .0053764 | .0005824 | .0550615 | .002021  | .0005522 |
| %RSD   | 79.16444 | 93.41323 | 45.02594 | 76.02072 | 38.62846 | 167.2615 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1396280 | .0117919 | .0018534 | .1357198 | -.003017 | .0009678 |
| #2 | .0696125 | .0039930 | .0013360 | .0460308 | -.005699 | .0000133 |
| #3 | .0194697 | .0014816 | .0006909 | .0355381 | -.006976 | .0000094 |

Sample Name: CCB02      Acquired: 3/28/2024 13:19:33      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820   | Li6707     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .0001620 | .0156094 | .0241611 | .0001295 | -.000267 | F .0132982 |
| Stddev | .0004595 | .0115016 | .0217268 | .0000766 | .000127  | .0115985   |
| %RSD   | 283.7173 | 73.68408 | 89.92476 | 59.16703 | 47.64113 | 87.21863   |
| #1     | .0006500 | .0283920 | .0491683 | .0001095 | -.000121 | .0260383   |
| #2     | .0000983 | .0123391 | .0133981 | .0002141 | -.000330 | .0105048   |
| #3     | -.000262 | .0060971 | .0099168 | .0000648 | -.000351 | .0033515   |

|        |            |            |
|--------|------------|------------|
| Elem   | Sr4077     | Ce4040     |
| Units  | ppm        | Cts/S      |
| Avg    | F .0153867 | Z *****    |
| Stddev | .0121022   | -----      |
| %RSD   | 78.65366   | -----      |
| #1     | .0286183   | Z 1725.058 |
| #2     | .0126643   | Z 1704.954 |
| #3     | .0048776   | Z 1722.644 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3547.818 | 87098.52 | 13483.44 | 2798.356 | 5354.991 |
| Stddev    | 5.456    | 274.32   | 222.91   | 3.548    | 11.398   |
| %RSD      | .1537731 | .3149591 | 1.653207 | .1267993 | .2128419 |
| #1        | 3551.217 | 87348.44 | 13688.91 | 2802.345 | 5367.502 |
| #2        | 3550.711 | 87142.10 | 13514.95 | 2795.550 | 5352.275 |
| #3        | 3541.525 | 86805.01 | 13246.45 | 2797.173 | 5345.198 |

Sample Name: P1870-03DUP      Acquired: 3/28/2024 13:24:00      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      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>-.005019</b> | <b>-.003189</b> | <b>.0097031</b> | <b>-.000543</b> | <b>-.001248</b> | <b>.1040159</b> | <b>.1337741</b> |
| Stddev | .000601         | .001167         | .0008231        | .001967         | .001133         | .0109059        | .0036900        |
| %RSD   | 11.97087        | 36.58166        | 8.483197        | 362.0085        | 90.75758        | 10.48484        | 2.758375        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.004724</b> | <b>-.001973</b> | <b>.0099739</b> | <b>-.002814</b> | <b>-.000355</b> | <b>.1165877</b> | <b>.1355750</b> |
| #2 | <b>-.005710</b> | <b>-.003294</b> | <b>.0087787</b> | <b>.000644</b>  | <b>-.000867</b> | <b>.0983633</b> | <b>.1362178</b> |
| #3 | <b>-.004622</b> | <b>-.004300</b> | <b>.0103568</b> | <b>.000540</b>  | <b>-.002523</b> | <b>.0970967</b> | <b>.1295294</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000142</b> | <b>.0002119</b> | <b>34.19888</b> | <b>.0295412</b> | <b>.0010605</b> | <b>.0125390</b> | <b>.4411819</b> |
| Stddev | .0000238        | .0000721        | .73040          | .0004161        | .0002997        | .0004070        | .0092806        |
| %RSD   | 168.0585        | 34.00974        | 2.135742        | 1.408656        | 28.25794        | 3.245428        | 2.103582        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000013</b> | <b>.0001311</b> | <b>34.65368</b> | <b>.0290880</b> | <b>.0007620</b> | <b>.0128348</b> | <b>.4468571</b> |
| #2 | <b>.000032</b>  | <b>.0002351</b> | <b>34.58659</b> | <b>.0299061</b> | <b>.0010582</b> | <b>.0120749</b> | <b>.4462167</b> |
| #3 | <b>.000024</b>  | <b>.0002695</b> | <b>33.35638</b> | <b>.0296296</b> | <b>.0013614</b> | <b>.0127074</b> | <b>.4304720</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2276402</b> | <b>3.654757</b> | <b>.0056100</b> | <b>.0002634</b> | <b>274.8219</b> | <b>-.002768</b> | <b>.0756680</b> |
| Stddev | .0049133        | .071102         | .0001662        | .0000911        | 4.9595          | .001287         | .0009655        |
| %RSD   | 2.158382        | 1.945455        | 2.963034        | 34.60376        | 1.804608        | 46.50724        | 1.275933        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.2305800</b> | <b>3.686226</b> | <b>.0054431</b> | <b>.0003059</b> | <b>269.7372</b> | <b>-.001976</b> | <b>.0746084</b> |
| #2 | <b>.2303725</b> | <b>3.704694</b> | <b>.0056113</b> | <b>.0001588</b> | <b>275.0827</b> | <b>-.004253</b> | <b>.0758975</b> |
| #3 | <b>.2219680</b> | <b>3.573351</b> | <b>.0057756</b> | <b>.0003255</b> | <b>279.6458</b> | <b>-.002074</b> | <b>.0764980</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8143386</b> | <b>.0045028</b> | <b>-.000185</b> | <b>-.001283</b> | <b>-.002273</b> | <b>1.797393</b> | <b>.0009475</b> |
| Stddev | .0188574        | .0004573        | .000256         | .000434         | .000883         | .027853         | .0003123        |
| %RSD   | 2.315670        | 10.15602        | 138.0049        | 33.81188        | 38.84255        | 1.549632        | 32.96283        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.8042687</b> | <b>.0039804</b> | <b>-.000479</b> | <b>-.001258</b> | <b>-.001377</b> | <b>1.802229</b> | <b>.0005874</b> |
| #2 | <b>.8360933</b> | <b>.0048309</b> | <b>-.000010</b> | <b>-.001728</b> | <b>-.002300</b> | <b>1.822512</b> | <b>.0011439</b> |
| #3 | <b>.8026538</b> | <b>.0046970</b> | <b>-.000067</b> | <b>-.000862</b> | <b>-.003142</b> | <b>1.767439</b> | <b>.0011112</b> |

Sample Name: P1870-03DUP      Acquired: 3/28/2024 13:24:00      Type: Unk  
 Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .1066883 | -.002429 | .1483153 | z ***** |
| Stddev | .0002811 | .000343  | .0039168 | -----   |
| %RSD   | .2634549 | 14.10420 | 2.640877 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .1070129 | -.002201 | .1504458 | z 1874.059 |
| #2 | .1065219 | -.002263 | .1507051 | z 1875.465 |
| #3 | .1065302 | -.002823 | .1437950 | z 1863.969 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3117.050 | 75552.85 | 12325.75 | 2475.541 | 4298.220 |
| Stddev    | 12.420   | 702.05   | 36.79    | 18.643   | 14.112   |
| %RSD      | .3984523 | .9292219 | .2984972 | .7530699 | .3283155 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3116.032 | 76303.17 | 12283.42 | 2497.046 | 4301.933 |
| #2 | 3129.948 | 75443.50 | 12343.75 | 2465.618 | 4310.105 |
| #3 | 3105.171 | 74911.90 | 12350.08 | 2463.959 | 4282.623 |

Sample Name: P1870-03LX5      Acquired: 3/28/2024 13:28:35      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      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>-.002280</b> | <b>-.002348</b> | <b>.0011357</b> | <b>.0010261</b> | <b>-.001799</b> | <b>.0132210</b> | <b>.0177286</b> |
| Stddev | .003017         | .000545         | .0010112        | .0028080        | .000397         | .0037555        | .0004740        |
| %RSD   | 132.3591        | 23.20850        | 89.04182        | 273.6525        | 22.08968        | 28.40544        | 2.673680        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.004398</b> | <b>-.002860</b> | <b>.0004256</b> | <b>-.002214</b> | <b>-.002010</b> | <b>.0170822</b> | <b>.0180991</b> |
| #2 | <b>.001175</b>  | <b>-.001775</b> | <b>.0006880</b> | <b>.002536</b>  | <b>-.002047</b> | <b>.0130001</b> | <b>.0178923</b> |
| #3 | <b>-.003616</b> | <b>-.002410</b> | <b>.0022935</b> | <b>.002756</b>  | <b>-.001341</b> | <b>.0095809</b> | <b>.0171945</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000084</b> | <b>-.000074</b> | <b>7.088670</b> | <b>.0055701</b> | <b>.0000639</b> | <b>.0020556</b> | <b>.0805638</b> |
| Stddev | .000044         | .000025         | .045046         | .0003545        | .0001512        | .0003343        | .0017257        |
| %RSD   | 52.85993        | 33.36161        | .6354591        | 6.364995        | 236.6685        | 16.26321        | 2.141980        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000033</b> | <b>-.000100</b> | <b>7.041104</b> | <b>.0054446</b> | <b>.0002187</b> | <b>.0016976</b> | <b>.0803465</b> |
| #2 | <b>-.000101</b> | <b>-.000052</b> | <b>7.130680</b> | <b>.0052954</b> | <b>-.000083</b> | <b>.0023597</b> | <b>.0823878</b> |
| #3 | <b>-.000117</b> | <b>-.000069</b> | <b>7.094225</b> | <b>.0059703</b> | <b>.000056</b>  | <b>.0021096</b> | <b>.0789571</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0446185</b> | <b>.7202691</b> | <b>.0010001</b> | <b>.0002978</b> | <b>55.23762</b> | <b>-.003581</b> | <b>.0145444</b> |
| Stddev | .0002822        | .0036575        | .0001284        | .0000020        | .40499          | .001073         | .0000442        |
| %RSD   | .6325360        | .5077974        | 12.83586        | .6723287        | .7331737        | 29.97469        | .3037838        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0442977</b> | <b>.7227903</b> | <b>.0011118</b> | <b>.0002999</b> | <b>55.57395</b> | <b>-.002460</b> | <b>.0145176</b> |
| #2 | <b>.0448284</b> | <b>.7219428</b> | <b>.0008599</b> | <b>.0002959</b> | <b>54.78807</b> | <b>-.004599</b> | <b>.0145954</b> |
| #3 | <b>.0447295</b> | <b>.7160742</b> | <b>.0010287</b> | <b>.0002974</b> | <b>55.35085</b> | <b>-.003684</b> | <b>.0145203</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1392273</b> | <b>-.010534</b> | <b>-.000436</b> | <b>-.000773</b> | <b>-.004671</b> | <b>.3528736</b> | <b>-.000047</b> |
| Stddev | .0189418        | .000712         | .000188         | .000648         | .000312         | .0054614        | .000575         |
| %RSD   | 13.60496        | 6.759033        | 43.17890        | 83.92447        | 6.675502        | 1.547686        | 1236.570        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.1418122</b> | <b>-.009750</b> | <b>-.000423</b> | <b>-.000072</b> | <b>-.004817</b> | <b>.3591355</b> | <b>-.000709</b> |
| #2 | <b>.1191257</b> | <b>-.010711</b> | <b>-.000631</b> | <b>-.001351</b> | <b>-.004882</b> | <b>.3490959</b> | <b>.000239</b>  |
| #3 | <b>.1567438</b> | <b>-.011141</b> | <b>-.000255</b> | <b>-.000895</b> | <b>-.004313</b> | <b>.3503894</b> | <b>.000330</b>  |

Sample Name: P1870-03LX5      Acquired: 3/28/2024 13:28:35      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0191584 | -.004093 | .0273460 | z ***** |
| Stddev | .0003319 | .000189  | .0001439 | -----   |
| %RSD   | 1.732238 | 4.611079 | .5262165 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .0187752 | -.003908 | .0271985 | z 1770.754 |
| #2 | .0193481 | -.004285 | .0273536 | z 1772.893 |
| #3 | .0193518 | -.004085 | .0274860 | z 1755.478 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3361.519 | 81879.31 | 13159.37 | 2666.287 | 4835.635 |
| Stddev    | 5.826    | 136.22   | 163.50   | 5.100    | 5.034    |
| %RSD      | .1733277 | .1663658 | 1.242478 | .1912655 | .1041080 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3364.368 | 82013.48 | 13347.11 | 2671.314 | 4838.856 |
| #2 | 3354.816 | 81883.31 | 13048.19 | 2666.431 | 4829.834 |
| #3 | 3365.372 | 81741.13 | 13082.82 | 2661.117 | 4838.216 |

Sample Name: P1870-03MS      Acquired: 3/28/2024 13:33:01      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8233892 | 1.852853 | .9427443 | 1.962873 | .7903940 | 2.036642 | .3296627 |
| Stddev | .0049541 | .013352  | .0085481 | .020017  | .0090447 | .022629  | .0025569 |
| %RSD   | .6016732 | .7206205 | .9067284 | 1.019797 | 1.144331 | 1.111090 | .7756042 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8187583 | 1.852708 | .9345135 | 1.944288 | .7805346 | 2.060566 | .3308133 |
| #2 | .8286131 | 1.866277 | .9515779 | 1.984067 | .7983072 | 2.033780 | .3314421 |
| #3 | .8227960 | 1.839574 | .9421415 | 1.960262 | .7923401 | 2.015581 | .3267327 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1968562 | .1886603 | 34.99158 | .3979074 | .1861169 | .3025209 | 3.261559 |
| Stddev | .0012537 | .0011885 | .25462   | .0067441 | .0016024 | .0020702 | .067978  |
| %RSD   | .6368331 | .6299699 | .7276603 | 1.694882 | .8609472 | .6843180 | 2.084209 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1972622 | .1875177 | 35.13653 | .3933425 | .1847022 | .3007795 | 3.233707 |
| #2 | .1978566 | .1898899 | 35.14064 | .4056537 | .1878570 | .3048098 | 3.339039 |
| #3 | .1954499 | .1885734 | 34.69758 | .3947261 | .1857914 | .3019733 | 3.211929 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4249093 | 5.393588 | .4708630 | .0733822 | 273.1597 | .2839582 | .2815396 |
| Stddev | .0030828 | .028991  | .0039390 | .0016327 | 6.0755   | .0019784 | .0063734 |
| %RSD   | .7255260 | .5375163 | .8365503 | 2.224903 | 2.224155 | .6967280 | 2.263754 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4265654 | 5.399330 | .4672036 | .0724006 | 269.1868 | .2859038 | .2770231 |
| #2 | .4268102 | 5.419279 | .4750320 | .0752669 | 280.1535 | .2819486 | .2888298 |
| #3 | .4213524 | 5.362155 | .4703533 | .0724791 | 270.1387 | .2840221 | .2787659 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.78114 | .2931332 | .4091849 | .6384633 | .2064986 | 2.660361 | .6390775 |
| Stddev | .18718   | .0019393 | .0019178 | .0015692 | .0021586 | .040961  | .0068764 |
| %RSD   | 1.736195 | .6615804 | .4686868 | .2457799 | 1.045309 | 1.539677 | 1.075990 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.68268 | .2945916 | .4073082 | .6369468 | .2083535 | 2.633666 | .6434580 |
| #2 | 10.99700 | .2938756 | .4111413 | .6400804 | .2070129 | 2.707521 | .6426226 |
| #3 | 10.66374 | .2909324 | .4091051 | .6383628 | .2041293 | 2.639894 | .6311520 |

Sample Name: P1870-03MS      Acquired: 3/28/2024 13:33:01      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .1026139 | .0173250 | .3491339 | z ***** |
| Stddev | .0004899 | .0004788 | .0022514 | -----   |
| %RSD   | .4774624 | 2.763821 | .6448461 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .1021458 | .0177810 | .3504863 | z 9724.834 |
| #2 | .1031231 | .0173679 | .3503804 | z 9781.567 |
| #3 | .1025727 | .0168262 | .3465349 | z 9726.640 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3208.462 | 77079.89 | 12555.36 | 2554.002 | 4377.636 |
| Stddev    | 27.979   | 1244.44  | 70.02    | 55.617   | 36.052   |
| %RSD      | .8720302 | 1.614483 | .5577073 | 2.177651 | .8235607 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3239.268 | 77797.01 | 12501.52 | 2588.366 | 4416.955 |
| #2 | 3184.629 | 75642.93 | 12530.05 | 2489.835 | 4346.133 |
| #3 | 3201.490 | 77799.72 | 12634.52 | 2583.806 | 4369.819 |

Sample Name: P1870-03MSD      Acquired: 3/28/2024 13:37:19      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8518817 | 1.897306 | .9702512 | 2.026733 | .8089170 | 2.054126 | .3349753 |
| Stddev | .0009127 | .019447  | .0016296 | .007906  | .0014530 | .019989  | .0043038 |
| %RSD   | .1071399 | 1.024958 | .1679515 | .3901076 | .1796223 | .9730938 | 1.284804 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8510349 | 1.883725 | .9695124 | 2.033783 | .8099531 | 2.031795 | .3300786 |
| #2 | .8528484 | 1.888610 | .9721193 | 2.018185 | .8072561 | 2.060237 | .3366894 |
| #3 | .8517619 | 1.919584 | .9691219 | 2.028231 | .8095418 | 2.070346 | .3381579 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1945504 | .1940407 | 34.58663 | .4110480 | .1916697 | .3128350 | 3.450530 |
| Stddev | .0010923 | .0004924 | .34204   | .0017718 | .0007360 | .0012677 | .018813  |
| %RSD   | .5614454 | .2537871 | .9889470 | .4310522 | .3840136 | .4052186 | .5452216 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1936355 | .1941845 | 34.20005 | .4126080 | .1922972 | .3138602 | 3.433055 |
| #2 | .1942558 | .1934924 | 34.70984 | .4091217 | .1908596 | .3114176 | 3.470444 |
| #3 | .1957597 | .1944453 | 34.85000 | .4114144 | .1918524 | .3132272 | 3.448092 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4246277 | 5.321191 | .4851674 | .0757817 | 284.8719 | .2912154 | .2949330 |
| Stddev | .0055294 | .084380  | .0003165 | .0002376 | 1.7187   | .0022914 | .0005323 |
| %RSD   | 1.302176 | 1.585745 | .0652440 | .3135885 | .6033100 | .7868458 | .1804881 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4182955 | 5.249164 | .4850353 | .0756121 | 283.6553 | .2886755 | .2949262 |
| #2 | .4270856 | 5.300378 | .4849383 | .0756797 | 284.1224 | .2931274 | .2944042 |
| #3 | .4285021 | 5.414030 | .4855286 | .0760533 | 286.8381 | .2918434 | .2954688 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.44423 | .2889971 | .4166885 | .6491211 | .2063216 | 2.763110 | .6563769 |
| Stddev | .07320   | .0024662 | .0022753 | .0029374 | .0014541 | .040177  | .0065123 |
| %RSD   | .6396533 | .8533546 | .5460343 | .4525211 | .7047919 | 1.454050 | .9921559 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.36240 | .2868281 | .4184351 | .6502993 | .2046768 | 2.717938 | .6634756 |
| #2 | 11.50348 | .2884836 | .4141155 | .6457775 | .2068516 | 2.776541 | .6549758 |
| #3 | 11.46682 | .2916796 | .4175148 | .6512865 | .2074364 | 2.794851 | .6506791 |

Sample Name: P1870-03MSD      Acquired: 3/28/2024 13:37:19      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .1042460 | .0174713 | .3533372 | z ***** |
| Stddev | .0003613 | .0000931 | .0045151 | -----   |
| %RSD   | .3465421 | .5330103 | 1.277854 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .1045745 | .0173665 | .3482426 | z 9911.988 |
| #2 | .1038591 | .0175030 | .3549251 | z 9824.076 |
| #3 | .1043044 | .0175445 | .3568439 | z 9866.294 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3179.745 | 75762.42 | 12950.60 | 2488.418 | 4346.399 |
| Stddev    | 14.668   | 254.41   | 108.42   | 8.839    | 21.294   |
| %RSD      | .4612809 | .3358050 | .8371604 | .3552177 | .4899318 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3177.095 | 76056.06 | 13064.74 | 2498.262 | 4343.030 |
| #2 | 3195.557 | 75607.99 | 12938.06 | 2481.161 | 4369.178 |
| #3 | 3166.583 | 75623.20 | 12849.00 | 2485.830 | 4326.991 |

Sample Name: P1870-03A      Acquired: 3/28/2024 13:41:35      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8431260 | 1.868437 | .9634184 | 2.019918 | .8058886 | 2.089318 | .3372370 |
| Stddev | .0059347 | .013500  | .0012766 | .004339  | .0009331 | .018286  | .0013768 |
| %RSD   | .7038964 | .7225041 | .1325082 | .2148002 | .1157824 | .8752219 | .4082476 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8417810 | 1.883975 | .9626620 | 2.016717 | .8053232 | 2.110300 | .3383386 |
| #2 | .8379792 | 1.859586 | .9648923 | 2.018182 | .8053771 | 2.080882 | .3376787 |
| #3 | .8496178 | 1.861750 | .9627009 | 2.024856 | .8069656 | 2.076774 | .3356935 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1971248 | .1931244 | 34.99851 | .4083455 | .1904802 | .3120226 | 3.433087 |
| Stddev | .0006714 | .0001448 | .10366   | .0022750 | .0001260 | .0008907 | .026769  |
| %RSD   | .3406155 | .0749584 | .2961976 | .5571271 | .0661684 | .2854498 | .7797487 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1975436 | .1931779 | 34.91117 | .4086378 | .1905596 | .3110545 | 3.463921 |
| #2 | .1974804 | .1929605 | 34.97130 | .4059384 | .1903349 | .3122059 | 3.419565 |
| #3 | .1963503 | .1932348 | 35.11307 | .4104601 | .1905462 | .3128074 | 3.415776 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4279298 | 5.405141 | .4828736 | .0753970 | 281.0464 | .2888754 | .2891768 |
| Stddev | .0010547 | .070654  | .0001379 | .0003163 | 2.8859   | .0013196 | .0008280 |
| %RSD   | .2464567 | 1.307162 | .0285667 | .4195226 | 1.026832 | .4568184 | .2863377 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4291312 | 5.454729 | .4830322 | .0750402 | 277.8893 | .2901532 | .2888689 |
| #2 | .4271568 | 5.436453 | .4827818 | .0755080 | 281.7015 | .2889556 | .2885468 |
| #3 | .4275012 | 5.324242 | .4828068 | .0756429 | 283.5485 | .2875176 | .2901146 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.13794 | .2926484 | .4139670 | .6442759 | .2090768 | 2.728779 | .6544081 |
| Stddev | .08225   | .0005720 | .0009915 | .0016862 | .0019115 | .003734  | .0080983 |
| %RSD   | .7384864 | .1954697 | .2395008 | .2617259 | .9142620 | .1368339 | 1.237503 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.05576 | .2924863 | .4140781 | .6452728 | .2110842 | 2.724511 | .6625855 |
| #2 | 11.13780 | .2932841 | .4129247 | .6452258 | .2088678 | 2.730386 | .6542475 |
| #3 | 11.22026 | .2921750 | .4148983 | .6423290 | .2072784 | 2.731441 | .6463912 |

Sample Name: P1870-03A      Acquired: 3/28/2024 13:41:35      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .1045339 | .0192559 | .3536993 | z ***** |
| Stddev | .0000940 | .0017264 | .0008471 | -----   |
| %RSD   | .0899258 | 8.965455 | .2394842 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .1046364 | .0211497 | .3528244 | z 9839.244 |
| #2 | .1044517 | .0188477 | .3545154 | z 9826.357 |
| #3 | .1045135 | .0177701 | .3537581 | z 9790.436 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3148.827 | 75692.14 | 12655.37 | 2502.808 | 4307.941 |
| Stddev    | 15.232   | 298.11   | 24.01    | 3.458    | 16.760   |
| %RSD      | .4837236 | .3938496 | .1896875 | .1381648 | .3890591 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3158.203 | 75796.43 | 12679.40 | 2506.563 | 4317.266 |
| #2 | 3157.025 | 75924.10 | 12655.30 | 2502.107 | 4317.965 |
| #3 | 3131.252 | 75355.90 | 12631.39 | 2499.754 | 4288.592 |

Sample Name: P1861-01      Acquired: 3/28/2024 14:23:03      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0415738 | -.017970 | .2462922 | -.014191 | .0054375 | 57.91829 |
| Stddev | .0030903 | .001455  | .0009403 | .002446  | .0003169 | .84034   |
| %RSD   | 7.433163 | 8.095876 | .3818031 | 17.23700 | 5.827708 | 1.450908 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0439088 | -.019397 | .2473273 | -.014573 | .0056317 | 57.00063 |
| #2 | .0380695 | -.016489 | .2454905 | -.016424 | .0050718 | 58.10401 |
| #3 | .0427429 | -.018024 | .2460589 | -.011577 | .0056089 | 58.65024 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3076804 | .0084179 | -.000583 | 51.05535 | .1217277 | .0801556 |
| Stddev | .0035594 | .0000535 | .000400  | .76703   | .0010848 | .0002909 |
| %RSD   | 1.156845 | .6352676 | 68.65214 | 1.502345 | .8911297 | .3628564 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3039843 | .0083854 | -.000220 | 50.22107 | .1211434 | .0801381 |
| #2 | .3079720 | .0084796 | -.000517 | 51.21497 | .1229793 | .0798739 |
| #3 | .3110851 | .0083886 | -.001012 | 51.73001 | .1210603 | .0804548 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1716390 | 163.3805 | 2.843510 | 24.38541 | .1153216 | .0062142 |
| Stddev | .0005125 | 1.4267   | .043706  | .39823   | .0004767 | .0001203 |
| %RSD   | .2985657 | .8732666 | 1.537052 | 1.633065 | .4133320 | 1.935022 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1719476 | 161.9932 | 2.795528 | 23.94445 | .1147741 | .0063530 |
| #2 | .1719218 | 163.3046 | 2.853954 | 24.49297 | .1156441 | .0061456 |
| #3 | .1710474 | 164.8437 | 2.881049 | 24.71882 | .1155466 | .0061439 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.724012 | .2887770 | .3938278 | 6.921707 | .1959902 | .0028222 |
| Stddev | .028422  | .0030967 | .0017281 | .033508  | .0034815 | .0000660 |
| %RSD   | .7631984 | 1.072341 | .4388001 | .4841065 | 1.776349 | 2.338675 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.710936 | .2855830 | .3922005 | 6.918415 | .1968582 | .0028565 |
| #2 | 3.704482 | .2889817 | .3956416 | 6.889967 | .1921568 | .0028640 |
| #3 | 3.756618 | .2917662 | .3936413 | 6.956741 | .1989555 | .0027461 |

Sample Name: P1861-01      Acquired: 3/28/2024 14:23:03      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0156080 | 2.997805 | F 10.97744 | .5413030 | .5246336 | .0040103 |
| Stddev | .0005886 | .044252  | .06411     | .0092141 | .0014934 | .0000996 |
| %RSD   | 3.771208 | 1.476160 | .5840245   | 1.702215 | .2846460 | 2.482673 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0162820 | 2.950362 | 10.91818 | .5504102 | .5245446 | .0040730 |
| #2 | .0153471 | 3.005090 | 10.96863 | .5415133 | .5261695 | .0040624 |
| #3 | .0151950 | 3.037963 | 11.04549 | .5319855 | .5231868 | .0038955 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | .1189166 | Z ***** |
| Stddev | .0018208 | -----   |
| %RSD   | 1.531203 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .1169254 | Z 5536.661 |
| #2 | .1193278 | Z 5514.376 |
| #3 | .1204968 | Z 5516.201 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4050.828 | 98659.38 | 15795.40 | 3216.502 | 4497.297 |
| Stddev    | 4.069    | 353.14   | 178.35   | 9.825    | 4.942    |
| %RSD      | .1004608 | .3579405 | 1.129096 | .3054686 | .1098800 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4054.425 | 99060.44 | 16000.24 | 3227.832 | 4502.931 |
| #2 | 4051.648 | 98522.65 | 15711.35 | 3211.356 | 4495.269 |
| #3 | 4046.411 | 98395.04 | 15674.61 | 3210.318 | 4493.693 |

Sample Name: PB159517BS      Acquired: 3/28/2024 14:28:59      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7596777 | 1.876188 | .9199871 | 1.807499 | .7564452 | 1.986403 | .1881296 |
| Stddev | .0039553 | .026971  | .0011092 | .004125  | .0024490 | .026781  | .0009481 |
| %RSD   | .5206519 | 1.437546 | .1205631 | .2282386 | .3237582 | 1.348199 | .5039534 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7556822 | 1.904968 | .9189654 | 1.804025 | .7551036 | 2.016838 | .1892117 |
| #2 | .7597593 | 1.872103 | .9198292 | 1.806413 | .7549601 | 1.975927 | .1877328 |
| #3 | .7635915 | 1.851492 | .9211668 | 1.812059 | .7592719 | 1.966444 | .1874444 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1921522 | .1765643 | 1.118467 | .3710503 | .1779161 | .3001792 | 2.923829 |
| Stddev | .0021828 | .0001072 | .055400  | .0004415 | .0003937 | .0006363 | .114976  |
| %RSD   | 1.135951 | .0607062 | 4.953190 | .1189781 | .2212790 | .2119740 | 3.932366 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1902745 | .1766800 | 1.180654 | .3705409 | .1774630 | .2995918 | 3.044097 |
| #2 | .1916349 | .1765447 | 1.100360 | .3713221 | .1781746 | .3008551 | 2.912388 |
| #3 | .1945471 | .1764683 | 1.074386 | .3712878 | .1781107 | .3000906 | 2.815001 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2017038 | 1.793259 | .4499096 | .0699143 | 2.525324 | .2803736 | .2003656 |
| Stddev | .0009537 | .023151  | .0003174 | .0001291 | .044153  | .0033168 | .0005330 |
| %RSD   | .4728059 | 1.290982 | .0705451 | .1846002 | 1.748393 | 1.182979 | .2660084 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2026775 | 1.818190 | .4502576 | .0698952 | 2.561243 | .2782609 | .1997685 |
| #2 | .2007715 | 1.789147 | .4498352 | .0700518 | 2.538699 | .2786635 | .2007933 |
| #3 | .2016623 | 1.772439 | .4496360 | .0697958 | 2.476030 | .2841964 | .2005350 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.762449 | .2689985 | .4116375 | .6121711 | .2068535 | .7982964 | .5540251 |
| Stddev | .051009  | .0014350 | .0004142 | .0017966 | .0023799 | .0106677 | .0096026 |
| %RSD   | .5821309 | .5334537 | .1006238 | .2934889 | 1.150513 | 1.336310 | 1.733237 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.717147 | .2679402 | .4111894 | .6115804 | .2093593 | .8104231 | .5646140 |
| #2 | 8.817699 | .2684234 | .4117167 | .6141888 | .2065778 | .7941058 | .5515795 |
| #3 | 8.752500 | .2706318 | .4120064 | .6107442 | .2046235 | .7903603 | .5458819 |

Sample Name: PB159517BS      Acquired: 3/28/2024 14:28:59      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0009315 | .0166954 | .1952062 | z ***** |
| Stddev | .0000598 | .0015740 | .0009350 | -----   |
| %RSD   | 6.422006 | 9.427669 | .4789664 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .0009825 | .0184005 | .1942007 | z 10732.43 |
| #2 | .0009463 | .0163877 | .1953683 | z 10683.26 |
| #3 | .0008657 | .0152980 | .1960495 | z 10717.52 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3519.196 | 85041.65 | 13149.74 | 2775.437 | 5197.286 |
| Stddev    | 19.154   | 211.99   | 129.97   | 4.940    | 19.355   |
| %RSD      | .5442678 | .2492769 | .9883578 | .1780029 | .3724071 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3540.047 | 85181.47 | 13260.33 | 2780.328 | 5216.972 |
| #2 | 3515.159 | 84797.73 | 13182.31 | 2775.535 | 5196.605 |
| #3 | 3502.384 | 85145.73 | 13006.59 | 2770.448 | 5178.280 |

Sample Name: P1861-01RE      Acquired: 3/28/2024 14:33:09      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0431495 | -.016393 | .2458263 | -.014818 | .0049379 | 57.32552 |
| Stddev | .0009847 | .002071  | .0003847 | .003399  | .0013850 | .90799   |
| %RSD   | 2.282100 | 12.63513 | .1564724 | 22.93464 | 28.04852 | 1.583915 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0430248 | -.017241 | .2454570 | -.011468 | .0034544 | 56.28932 |
| #2 | .0422331 | -.014032 | .2462246 | -.018263 | .0061971 | 57.70524 |
| #3 | .0441907 | -.017905 | .2457973 | -.014724 | .0051621 | 57.98201 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3073727 | .0081363 | -.001289 | 50.27756 | .1215854 | .0803620 |
| Stddev | .0053702 | .0000636 | .000168  | .82828   | .0007845 | .0001216 |
| %RSD   | 1.747116 | .7819971 | 13.00490 | 1.647408 | .6452551 | .1512992 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3013216 | .0081392 | -.001117 | 49.38150 | .1224908 | .0804966 |
| #2 | .3092249 | .0081984 | -.001452 | 50.43603 | .1211065 | .0803291 |
| #3 | .3115716 | .0080712 | -.001298 | 51.01515 | .1211590 | .0802602 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1696160 | 166.9030 | 2.801955 | 23.97461 | .1149918 | .0063989 |
| Stddev | .0005214 | .6025    | .042376  | .33478   | .0007488 | .0001611 |
| %RSD   | .3073890 | .3610120 | 1.512380 | 1.396374 | .6512109 | 2.518470 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1690148 | 166.5045 | 2.755601 | 23.59991 | .1143539 | .0063522 |
| #2 | .1699446 | 166.6083 | 2.811559 | 24.07966 | .1148052 | .0065782 |
| #3 | .1698885 | 167.5961 | 2.838705 | 24.24427 | .1158163 | .0062663 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.808880 | .2848022 | .3959243 | 7.067394 | .2245158 | .0030756 |
| Stddev | .015324  | .0050368 | .0015708 | .029750  | .0047130 | .0002011 |
| %RSD   | .4023336 | 1.768510 | .3967294 | .4209440 | 2.099182 | 6.537961 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.794404 | .2793543 | .3943084 | 7.036820 | .2297647 | .0032845 |
| #2 | 3.807306 | .2892893 | .3960186 | 7.069117 | .2206466 | .0030589 |
| #3 | 3.824931 | .2857632 | .3974457 | 7.096244 | .2231362 | .0028834 |

Sample Name: P1861-01RE      Acquired: 3/28/2024 14:33:09      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0151229 | 2.969683 | F 11.18545 | .5368648 | .5207708 | .0035150 |
| Stddev | .0012960 | .053004  | .05191     | .0057240 | .0013022 | .0000294 |
| %RSD   | 8.569546 | 1.784847 | .4640890   | 1.066181 | .2500438 | .8369175 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0139703 | 2.911906 | 11.12552 | .5424838 | .5209245 | .0034829 |
| #2 | .0165257 | 2.981085 | 11.21505 | .5370693 | .5219893 | .0035214 |
| #3 | .0148726 | 3.016058 | 11.21581 | .5310414 | .5193986 | .0035407 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | .1146666 | Z ***** |
| Stddev | .0043085 | -----   |
| %RSD   | 3.757370 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .1096995 | Z 5502.196 |
| #2 | .1169091 | Z 5501.567 |
| #3 | .1173914 | Z 5505.756 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4057.114 | 98318.17 | 16313.60 | 3193.044 | 4504.126 |
| Stddev    | 10.673   | 116.52   | 181.23   | 6.931    | 15.162   |
| %RSD      | .2630739 | .1185093 | 1.110940 | .2170756 | .3366225 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4065.480 | 98201.14 | 16517.27 | 3199.855 | 4518.809 |
| #2 | 4060.769 | 98434.16 | 16253.38 | 3193.278 | 4505.043 |
| #3 | 4045.094 | 98319.20 | 16170.13 | 3185.999 | 4488.527 |

Sample Name: P1863-02      Acquired: 3/28/2024 14:37:21      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0277082 | -.011829 | .2105671 | -.027069 | .0156798 | 126.3106 |
| Stddev | .0019453 | .003256  | .0027617 | .005196  | .0011860 | 2.1575   |
| %RSD   | 7.020585 | 27.52769 | 1.311546 | 19.19506 | 7.563563 | 1.708069 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0269273 | -.008112 | .2083383 | -.021361 | .0144977 | 123.8640 |
| #2 | .0299225 | -.014176 | .2097064 | -.028325 | .0156721 | 127.1269 |
| #3 | .0262746 | -.013200 | .2136567 | -.031522 | .0168696 | 127.9407 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3897211 | .0074240 | -.001538 | 104.5037 | .1741140 | .1656448 |
| Stddev | .0061810 | .0000814 | .000131  | 1.7634   | .0002431 | .0003653 |
| %RSD   | 1.585998 | 1.096866 | 8.497525 | 1.687411 | .1396022 | .2205411 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3827769 | .0073340 | -.001499 | 102.4675 | .1739804 | .1659787 |
| #2 | .3917657 | .0074925 | -.001431 | 105.5211 | .1739671 | .1652546 |
| #3 | .3946207 | .0074457 | -.001683 | 105.5225 | .1743946 | .1657011 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4542302 | 285.3112 | 4.380329 | 62.75523 | .2382443 | .0147232 |
| Stddev | .0007827 | .3379    | .071367  | 1.00162  | .0008075 | .0001097 |
| %RSD   | .1723234 | .1184493 | 1.629258 | 1.596081 | .3389283 | .7449566 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4547142 | 284.9215 | 4.298029 | 61.60353 | .2381091 | .0146017 |
| #2 | .4533271 | 285.4888 | 4.417835 | 63.42298 | .2375129 | .0148148 |
| #3 | .4546493 | 285.5233 | 4.425122 | 63.23917 | .2391108 | .0147531 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.782721 | .5921279 | 1.538483 | 7.580762 | .4977677 | .0004795 |
| Stddev | .033856  | .0074995 | .007808  | .031183  | .0068558 | .0002544 |
| %RSD   | .3854895 | 1.266537 | .5075226 | .4113446 | 1.377314 | 53.04405 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 8.755338 | .5835435 | 1.544683 | 7.575196 | .5055687 | .0004019 |
| #2 | 8.772249 | .5974064 | 1.529714 | 7.552737 | .4950335 | .0007637 |
| #3 | 8.820576 | .5954339 | 1.541052 | 7.614354 | .4927008 | .0002731 |

Sample Name: P1863-02      Acquired: 3/28/2024 14:37:21      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |            |          |          |          |
|--------|----------|------------|------------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361     | Si2881     | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm        | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0545456 | F 11.06810 | F 13.04474 | .7009084 | .1588520 | .0131958 |
| Stddev | .0007882 | .22440     | .03056     | .0124292 | .0017349 | .0001622 |
| %RSD   | 1.445003 | 2.027418   | .2342699   | 1.773299 | 1.092135 | 1.229193 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0536373 | 10.81115 | 13.07951 | .7147209 | .1601208 | .0130088 |
| #2 | .0550494 | 11.16763 | 13.02213 | .6973780 | .1595602 | .0132982 |
| #3 | .0549501 | 11.22552 | 13.03260 | .6906263 | .1568751 | .0132803 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | .0689983 | Z ***** |
| Stddev | .0062578 | -----   |
| %RSD   | 9.069565 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .0620438 | Z 4979.695 |
| #2 | .0707766 | Z 4986.693 |
| #3 | .0741746 | Z 4978.905 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3697.548 | 91146.15 | 15429.37 | 2963.823 | 4238.245 |
| Stddev    | 7.670    | 78.91    | 238.24   | 5.854    | 8.198    |
| %RSD      | .2074396 | .0865797 | 1.544070 | .1975044 | .1934347 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3699.838 | 91213.22 | 15704.42 | 2957.287 | 4243.900 |
| #2 | 3703.813 | 91166.05 | 15295.95 | 2968.584 | 4241.992 |
| #3 | 3688.994 | 91059.20 | 15287.73 | 2965.596 | 4228.843 |

Sample Name: CCV03      Acquired: 3/28/2024 14:51:13      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV03      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.916815 | 4.826066 | 4.776629 | 4.862766 | 5.011939 | 10.00731 | 10.12928 |
| Stddev | .000474  | .023010  | .007612  | .018463  | .006153  | .05261   | .15637   |
| %RSD   | .0096446 | .4767783 | .1593652 | .3796742 | .1227652 | .5257216 | 1.543738 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.916292 | 4.847741 | 4.785396 | 4.848113 | 5.006269 | 9.94669  | 9.95044  |
| #2 | 4.917217 | 4.801921 | 4.772786 | 4.883503 | 5.018482 | 10.04100 | 10.19714 |
| #3 | 4.916935 | 4.828535 | 4.771703 | 4.856683 | 5.011065 | 10.03425 | 10.24025 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2583756 | 2.367729 | 25.78119 | .9359673 | 2.398517 | 1.260220 | 4.774706 |
| Stddev | .0003981 | .006865  | .13483   | .0041465 | .005248  | .001691  | .006004  |
| %RSD   | .1540930 | .2899533 | .5229822 | .4430180 | .2187935 | .1341717 | .1257500 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2586793 | 2.375354 | 25.65411 | .9404756 | 2.404494 | 1.259287 | 4.776768 |
| #2 | .2585227 | 2.362038 | 25.92262 | .9351098 | 2.394666 | 1.262172 | 4.779408 |
| #3 | .2579249 | 2.365795 | 25.76683 | .9323166 | 2.396390 | 1.259203 | 4.767943 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.541168 | 22.96232 | 2.416619 | 1.241035 | 22.80423 | 2.462525 | 2.540737 |
| Stddev | .011604  | .11932   | .005748  | .000706  | .13654   | .018024  | .001539  |
| %RSD   | .4566577 | .5196470 | .2378729 | .0569120 | .5987570 | .7319374 | .0605903 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.528488 | 22.90101 | 2.423105 | 1.241393 | 22.64696 | 2.446134 | 2.539111 |
| #2 | 2.551260 | 23.09983 | 2.412152 | 1.240222 | 22.87320 | 2.481828 | 2.540931 |
| #3 | 2.543756 | 22.88611 | 2.414601 | 1.241492 | 22.89254 | 2.459614 | 2.542171 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.35766 | 5.072339 | 5.010078 | 4.648034 | 5.205947 | 4.620776 | 4.795735 |
| Stddev | .12552   | .013823  | .000282  | .009685  | .025010  | .069117  | .067248  |
| %RSD   | .5153403 | .2725122 | .0056387 | .2083694 | .4804201 | 1.495799 | 1.402241 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.21600 | 5.069606 | 5.009793 | 4.657015 | 5.182552 | 4.544055 | 4.867441 |
| #2 | 24.40188 | 5.087324 | 5.010084 | 4.637772 | 5.232308 | 4.640091 | 4.785685 |
| #3 | 24.45508 | 5.060086 | 5.010358 | 4.649314 | 5.202981 | 4.678181 | 4.734077 |

Sample Name: CCV03      Acquired: 3/28/2024 14:51:13      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV03      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 4.666893 | 5.002687 | 5.229313 | Z ***** |
| Stddev | .016678  | .065092  | .060859  | -----   |
| %RSD   | .3573687 | 1.301149 | 1.163797 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 4.685970 | 4.929479 | 5.170251 | Z 22188.10 |
| #2 | 4.655069 | 5.024546 | 5.291822 | Z 22146.57 |
| #3 | 4.659641 | 5.054037 | 5.225867 | Z 22186.60 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3193.795 | 77355.81 | 12174.50 | 2529.368 | 4331.568 |
| Stddev    | 9.544    | 81.89    | 36.96    | 11.147   | 5.445    |
| %RSD      | .2988390 | .1058619 | .3036221 | .4406903 | .1257007 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3200.846 | 77438.16 | 12188.58 | 2541.694 | 4330.127 |
| #2 | 3182.934 | 77274.39 | 12132.56 | 2526.412 | 4326.990 |
| #3 | 3197.605 | 77354.88 | 12202.35 | 2519.996 | 4337.589 |

Sample Name: P1865-01      Acquired: 3/28/2024 15:04:37      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0442946 | -.024266 | .4207093 | -.016413 | .0039228 | 139.7599 | .7950326 |
| Stddev | .0017696 | .001376  | .0005928 | .001852  | .0016572 | 1.2889   | .0094825 |
| %RSD   | 3.994980 | 5.671226 | .1409136 | 11.28642 | 42.24571 | .9222487 | 1.192717 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0422613 | -.022690 | .4201093 | -.016492 | .0025158 | 138.2750 | .7840982 |
| #2 | .0451366 | -.025233 | .4212947 | -.018225 | .0035031 | 140.5901 | .8000025 |
| #3 | .0454859 | -.024875 | .4207241 | -.014523 | .0057495 | 140.4145 | .8009970 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0093545 | -.001831 | 25.75180 | .1686188 | .1194585 | .2521862 | 220.4342 |
| Stddev | .0000584 | .000202  | .20102   | .0005802 | .0001103 | .0003483 | .6373    |
| %RSD   | .6237744 | 11.03224 | .7806242 | .3441041 | .0923060 | .1380999 | .2891042 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0092978 | -.001613 | 25.52508 | .1687179 | .1194824 | .2518115 | 219.7350 |
| #2 | .0094144 | -.001868 | 25.90830 | .1679955 | .1195548 | .2522470 | 220.9824 |
| #3 | .0093515 | -.002012 | 25.82201 | .1691432 | .1193382 | .2525000 | 220.5853 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.659125 | 27.07107 | .2063520 | .0072723 | 14.91424 | .3712172 | .7200302 |
| Stddev | .020303  | .24361   | .0002223 | .0002284 | .12831   | .0023840 | .0011129 |
| %RSD   | .7635271 | .8998891 | .1077370 | 3.140102 | .8602888 | .6422116 | .1545571 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.635892 | 26.85146 | .2065570 | .0074932 | 14.76698 | .3685274 | .7187451 |
| #2 | 2.673462 | 27.33311 | .2061157 | .0072864 | 14.97382 | .3720549 | .7206702 |
| #3 | 2.668020 | 27.02865 | .2063835 | .0070372 | 15.00192 | .3730693 | .7206752 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.816763 | .2857914 | .0033879 | .0149512 | 1.938378 | 4.184358 | .5707163 |
| Stddev | .058797  | .0011102 | .0000517 | .0012298 | .018702  | .005993  | .0105804 |
| %RSD   | .8625334 | .3884686 | 1.526999 | 8.225549 | .9648074 | .1432335 | 1.853880 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.748877 | .2859480 | .0033393 | .0145015 | 1.916791 | 4.177466 | .5819462 |
| #2 | 6.849840 | .2868150 | .0033820 | .0140096 | 1.948680 | 4.188350 | .5692684 |
| #3 | 6.851570 | .2846112 | .0034423 | .0163426 | 1.949663 | 4.187258 | .5609345 |

Sample Name: P1865-01      Acquired: 3/28/2024 15:04:37      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0917909 | .0110245 | -.096824 | z ***** |
| Stddev | .0006530 | .0001594 | .000659  | -----   |
| %RSD   | .7113610 | 1.445399 | .6810523 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .0917653 | .0109249 | -.097565 | z 6293.720 |
| #2 | .0911511 | .0109403 | -.096606 | z 6258.060 |
| #3 | .0924562 | .0112083 | -.096301 | z 6263.575 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3870.560 | 93968.93 | 15706.69 | 3062.623 | 4442.670 |
| Stddev    | 10.952   | 257.61   | 106.66   | 7.944    | 13.455   |
| %RSD      | .2829551 | .2741444 | .6790459 | .2593694 | .3028697 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3878.572 | 94256.66 | 15827.41 | 3070.103 | 4455.929 |
| #2 | 3875.027 | 93890.43 | 15625.23 | 3063.480 | 4443.053 |
| #3 | 3858.080 | 93759.70 | 15667.43 | 3054.286 | 4429.027 |

Sample Name: P1865-03      Acquired: 3/28/2024 15:08:51      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0329541 | -.015872 | .2558212 | -.016920 | .0042200 | 127.8169 | .7393352 |
| Stddev | .0022354 | .000483  | .0019393 | .000948  | .0007329 | .5004    | .0028186 |
| %RSD   | 6.783274 | 3.042208 | .7580754 | 5.601732 | 17.36776 | .3915165 | .3812337 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0347402 | -.015693 | .2554148 | -.015912 | .0035247 | 127.4698 | .7381831 |
| #2 | .0336749 | -.015504 | .2579315 | -.017053 | .0041498 | 128.3906 | .7425473 |
| #3 | .0304473 | -.016419 | .2541172 | -.017793 | .0049854 | 127.5904 | .7372751 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0083280 | -.000915 | 22.79186 | .1601953 | .1026243 | .2519689 | 194.7154 |
| Stddev | .0001063 | .000125  | .07293   | .0004334 | .0001690 | .0008783 | .9045    |
| %RSD   | 1.276576 | 13.64222 | .3200027 | .2705430 | .1646885 | .3485873 | .4645227 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0083260 | -.000788 | 22.78576 | .1604671 | .1027630 | .2510944 | 193.7671 |
| #2 | .0084354 | -.001038 | 22.86765 | .1604232 | .1024361 | .2528510 | 194.8103 |
| #3 | .0082228 | -.000919 | 22.72217 | .1596955 | .1026740 | .2519614 | 195.5686 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.266449 | 25.70244 | .2066736 | .0070740 | 13.72341 | .3349041 | .6175103 |
| Stddev | .011054  | .09458   | .0008197 | .0002449 | .06553   | .0020010 | .0023614 |
| %RSD   | .4877382 | .3679627 | .3966353 | 3.461853 | .4775140 | .5974831 | .3824051 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.262573 | 25.72711 | .2071879 | .0068080 | 13.65695 | .3355952 | .6151881 |
| #2 | 2.278920 | 25.78225 | .2071047 | .0071239 | 13.72533 | .3364679 | .6199090 |
| #3 | 2.257855 | 25.59798 | .2057283 | .0072901 | 13.78797 | .3326492 | .6174337 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.426671 | .2372802 | .0023076 | .0148926 | 2.997707 | 5.598143 | .5419032 |
| Stddev | .050933  | .0048106 | .0002202 | .0005546 | .014025  | .016482  | .0089884 |
| %RSD   | .6044260 | 2.027399 | 9.540859 | 3.724130 | .4678682 | .2944206 | 1.658666 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.382707 | .2336906 | .0024627 | .0155100 | 2.985937 | 5.586490 | .5504573 |
| #2 | 8.414823 | .2354038 | .0020556 | .0144367 | 3.013226 | 5.590939 | .5427166 |
| #3 | 8.482484 | .2427463 | .0024046 | .0147311 | 2.993959 | 5.617001 | .5325359 |

Sample Name: P1865-03      Acquired: 3/28/2024 15:08:51      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .1214844 | .0109485 | -.078853 | z ***** |
| Stddev | .0005176 | .0011107 | .002049  | -----   |
| %RSD   | .4260482 | 10.14490 | 2.598627 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .1220237 | .0121187 | -.076883 | z 6590.082 |
| #2 | .1209917 | .0108180 | -.078702 | z 6587.289 |
| #3 | .1214379 | .0099088 | -.080973 | z 6566.214 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3953.940 | 96253.53 | 15773.40 | 3129.561 | 4473.256 |
| Stddev    | 26.718   | 311.61   | 49.31    | 15.953   | 19.947   |
| %RSD      | .6757320 | .3237409 | .3126420 | .5097451 | .4459234 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3980.358 | 96519.04 | 15772.60 | 3146.956 | 4493.833 |
| #2 | 3954.532 | 96331.09 | 15724.49 | 3126.113 | 4471.930 |
| #3 | 3926.931 | 95910.47 | 15823.11 | 3115.615 | 4454.004 |

Sample Name: P1773-04      Acquired: 3/28/2024 15:13:07      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.005420</b> | <b>-.002835</b> | <b>.0059881</b> | <b>.0052610</b> | <b>.0003005</b> | <b>.9299378</b> |
| Stddev | .001850         | .003385         | .0017925        | .0018627        | .0016154        | .3033860        |
| %RSD   | 34.13321        | 119.3969        | 29.93451        | 35.40563        | 537.5549        | 32.62433        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.006375</b> | <b>-.005513</b> | <b>.0039980</b> | <b>.0050296</b> | <b>.0002633</b> | <b>1.264418</b> |
| #2 | <b>-.006598</b> | <b>-.003961</b> | <b>.0064905</b> | <b>.0035249</b> | <b>-.001296</b> | <b>.852894</b>  |
| #3 | <b>-.003288</b> | <b>.000969</b>  | <b>.0074757</b> | <b>.0072287</b> | <b>.001934</b>  | <b>.672502</b>  |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.6580060</b> | <b>.0000947</b> | <b>.0016071</b> | <b>216.8350</b> | <b>-.000174</b> | <b>.0076103</b> |
| Stddev | .0021682        | .0000500        | .0001490        | 3.4218          | .000240         | .0001166        |
| %RSD   | .3295148        | 52.74530        | 9.271601        | 1.578086        | 138.0260        | 1.532421        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.6574486</b> | <b>.0001200</b> | <b>.0014637</b> | <b>213.0169</b> | <b>.000048</b>  | <b>.0076817</b> |
| #2 | <b>.6603985</b> | <b>.0000372</b> | <b>.0017611</b> | <b>217.8635</b> | <b>-.000428</b> | <b>.0076735</b> |
| #3 | <b>.6561709</b> | <b>.0001270</b> | <b>.0015963</b> | <b>219.6247</b> | <b>-.000141</b> | <b>.0074757</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0035383</b> | <b>3.303725</b> | <b>1.318715</b> | <b>17.07514</b> | <b>.0203892</b> | <b>.0005738</b> |
| Stddev | .0000709        | .506096         | .012266         | .11774          | .0005185        | .0001493        |
| %RSD   | 2.003998        | 15.31897        | .9301236        | .6895292        | 2.542765        | 26.01965        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0036163</b> | <b>3.857326</b> | <b>1.305093</b> | <b>16.95444</b> | <b>.0209874</b> | <b>.0007396</b> |
| #2 | <b>.0035211</b> | <b>3.189029</b> | <b>1.322168</b> | <b>17.08130</b> | <b>.0200683</b> | <b>.0005317</b> |
| #3 | <b>.0034776</b> | <b>2.864819</b> | <b>1.328885</b> | <b>17.18968</b> | <b>.0201121</b> | <b>.0004500</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1305.772</b> | <b>.0010030</b> | <b>.0298254</b> | <b>25.23976</b> | <b>.1390714</b> | <b>.0005049</b> |
| Stddev | 19.917          | .0015188        | .0002680        | .15780          | .0005622        | .0002291        |
| %RSD   | 1.525281        | 151.4204        | .8985816        | .6252026        | .4042396        | 45.37424        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1283.956</b> | <b>.0023810</b> | <b>.0300510</b> | <b>25.20488</b> | <b>.1395236</b> | <b>.0004261</b> |
| #2 | <b>1322.981</b> | <b>.0012536</b> | <b>.0295291</b> | <b>25.41208</b> | <b>.1384419</b> | <b>.0007630</b> |
| #3 | <b>1310.380</b> | <b>-.000625</b> | <b>.0298960</b> | <b>25.10231</b> | <b>.1392486</b> | <b>.0003256</b> |

Sample Name: P1773-04      Acquired: 3/28/2024 15:13:07      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                   |                 |                 |                 |
|--------|-----------------|-----------------|-------------------|-----------------|-----------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881            | P_1774          | S_1820          | Li6707          |
| Units  | ppm             | ppm             | ppm               | ppm             | ppm             | ppm             |
| Avg    | <b>-.004734</b> | <b>.0235311</b> | <b>F 15.38972</b> | <b>.0110914</b> | <b>2.528287</b> | <b>.0122045</b> |
| Stddev | .000511         | .0094113        | .08508            | .0001970        | .012509         | .0002586        |
| %RSD   | 10.79499        | 39.99522        | .5528265          | 1.776614        | .4947502        | 2.119111        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.004661</b> | <b>.0336845</b> | <b>15.33521</b> | <b>.0110730</b> | <b>2.535362</b> | <b>.0119188</b> |
| #2 | <b>-.005278</b> | <b>.0218090</b> | <b>15.48775</b> | <b>.0109042</b> | <b>2.535654</b> | <b>.0124226</b> |
| #3 | <b>-.004264</b> | <b>.0150998</b> | <b>15.34619</b> | <b>.0112970</b> | <b>2.513844</b> | <b>.0122720</b> |

|        |                 |                |
|--------|-----------------|----------------|
| Elem   | Sr4077          | Ce4040         |
| Units  | ppm             | Cts/S          |
| Avg    | <b>1.400590</b> | <b>z *****</b> |
| Stddev | .007972         | -----          |
| %RSD   | .5691901        | -----          |

|    |                 |                   |
|----|-----------------|-------------------|
| #1 | <b>1.392165</b> | <b>z 2182.051</b> |
| #2 | <b>1.401589</b> | <b>z 2203.522</b> |
| #3 | <b>1.408015</b> | <b>z 2211.280</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2767.131</b> | <b>64939.16</b> | <b>11491.17</b> | <b>2137.865</b> | <b>3532.584</b> |
| Stddev    | 29.224          | 260.20          | 53.92           | 18.457          | 23.967          |
| %RSD      | 1.056124        | .4006876        | .4692468        | .8633166        | .6784580        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2745.142</b> | <b>64704.66</b> | <b>11537.28</b> | <b>2120.894</b> | <b>3513.772</b> |
| #2 | <b>2755.958</b> | <b>64893.74</b> | <b>11504.36</b> | <b>2135.185</b> | <b>3524.413</b> |
| #3 | <b>2800.294</b> | <b>65219.09</b> | <b>11431.88</b> | <b>2157.514</b> | <b>3559.569</b> |

Sample Name: P1769-01      Acquired: 3/28/2024 15:17:43      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0172698 | -.016259 | .0837446 | -.008234 | .0065750 | 3.641813 |
| Stddev | .0009889 | .002278  | .0009784 | .001621  | .0014917 | .014978  |
| %RSD   | 5.726358 | 14.00889 | 1.168301 | 19.68060 | 22.68776 | .4112776 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0178142 | -.018412 | .0832380 | -.006839 | .0063341 | 3.630442 |
| #2 | .0161283 | -.016491 | .0848724 | -.007852 | .0052185 | 3.658784 |
| #3 | .0178669 | -.013874 | .0831234 | -.010012 | .0081726 | 3.636214 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5185024 | .0006606 | -.001527 | 189.1158 | -.000891 | .0031783 |
| Stddev | .0024149 | .0000328 | .000090  | 1.1250   | .000440  | .0001256 |
| %RSD   | .4657388 | 4.972486 | 5.884363 | .5948984 | 49.35283 | 3.950870 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5162307 | .0006251 | -.001550 | 187.8349 | -.000442 | .0031123 |
| #2 | .5210387 | .0006667 | -.001428 | 189.5683 | -.000910 | .0033231 |
| #3 | .5182379 | .0006900 | -.001603 | 189.9441 | -.001320 | .0030995 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0066703 | 41.91804 | 11.04124 | 34.67075 | .0068102 | .0024929 |
| Stddev | .0004927 | .48675   | .08249   | .19039   | .0001062 | .0000215 |
| %RSD   | 7.386241 | 1.161193 | .7470739 | .5491432 | 1.558811 | .8628036 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0072206 | 41.35724 | 10.94603 | 34.45988 | .0068582 | .0025166 |
| #2 | .0062702 | 42.16592 | 11.09112 | 34.83003 | .0068838 | .0024746 |
| #3 | .0065200 | 42.23095 | 11.08657 | 34.72234 | .0066885 | .0024875 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 112.4800 | .0046060 | .0635635 | 6.521552 | .3889902 | .0021581 |
| Stddev | 3.2300   | .0012141 | .0002742 | .026953  | .0027404 | .0001383 |
| %RSD   | 2.871608 | 26.35853 | .4313059 | .4132859 | .7044896 | 6.408674 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 116.1978 | .0041074 | .0635906 | 6.490944 | .3858727 | .0020184 |
| #2 | 110.3636 | .0059900 | .0638231 | 6.541737 | .3910190 | .0021609 |
| #3 | 110.8786 | .0037206 | .0632768 | 6.531974 | .3900787 | .0022950 |

Sample Name: P1769-01      Acquired: 3/28/2024 15:17:43      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                   |                 |                 |                 |
|--------|-----------------|-----------------|-------------------|-----------------|-----------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881            | P_1774          | S_1820          | Li6707          |
| Units  | ppm             | ppm             | ppm               | ppm             | ppm             | ppm             |
| Avg    | <b>-.003301</b> | <b>.0959798</b> | <b>F 19.72238</b> | <b>.3620139</b> | <b>.2274358</b> | <b>.0061694</b> |
| Stddev | .001373         | .0016250        | .17287            | .0048087        | .0009199        | .0002949        |
| %RSD   | 41.58019        | 1.693057        | .8764946          | 1.328329        | .4044644        | 4.780709        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001956</b> | <b>.0978042</b> | <b>19.52294</b> | <b>.3673619</b> | <b>.2282439</b> | <b>.0063151</b> |
| #2 | <b>-.003249</b> | <b>.0954476</b> | <b>19.82935</b> | <b>.3606336</b> | <b>.2264347</b> | <b>.0063633</b> |
| #3 | <b>-.004699</b> | <b>.0946877</b> | <b>19.81483</b> | <b>.3580463</b> | <b>.2276289</b> | <b>.0058300</b> |

|        |                 |                |
|--------|-----------------|----------------|
| Elem   | Sr4077          | Ce4040         |
| Units  | ppm             | Cts/S          |
| Avg    | <b>1.214138</b> | <b>z *****</b> |
| Stddev | .007036         | -----          |
| %RSD   | .5794907        | -----          |

|    |                 |                   |
|----|-----------------|-------------------|
| #1 | <b>1.206666</b> | <b>z 2409.628</b> |
| #2 | <b>1.220636</b> | <b>z 2396.710</b> |
| #3 | <b>1.215111</b> | <b>z 2421.545</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3204.065</b> | <b>76384.20</b> | <b>12251.55</b> | <b>2503.675</b> | <b>4295.527</b> |
| Stddev    | 8.449           | 93.79           | 32.94           | 11.623          | 13.291          |
| %RSD      | .2636852        | .1227821        | .2688825        | .4642306        | .3094134        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3195.793</b> | <b>76476.37</b> | <b>12214.14</b> | <b>2509.787</b> | <b>4283.951</b> |
| #2 | <b>3203.721</b> | <b>76288.87</b> | <b>12264.32</b> | <b>2490.272</b> | <b>4292.590</b> |
| #3 | <b>3212.680</b> | <b>76387.37</b> | <b>12276.20</b> | <b>2510.967</b> | <b>4310.041</b> |

Sample Name: P1769-03      Acquired: 3/28/2024 15:22:09      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      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>-.003778</b> | <b>-.004093</b> | <b>.0003996</b> | <b>.0003779</b> | <b>.0002614</b> | <b>.0377677</b> | <b>-.008557</b> |
| Stddev | .001635         | .001318         | .0008481        | .0001761        | .0004808        | .0137356        | .001590         |
| %RSD   | 43.28659        | 32.20257        | 212.2616        | 46.60261        | 183.9593        | 36.36859        | 18.58616        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.004844</b> | <b>-.003856</b> | <b>.0005176</b> | <b>.0002634</b> | <b>.0005837</b> | <b>.0535207</b> | <b>-.006903</b> |
| #2 | <b>-.001895</b> | <b>-.002909</b> | <b>.0011825</b> | <b>.0005806</b> | <b>-.000291</b> | <b>.0314874</b> | <b>-.008693</b> |
| #3 | <b>-.004595</b> | <b>-.005513</b> | <b>-.000501</b> | <b>.0002896</b> | <b>.000492</b>  | <b>.0282949</b> | <b>-.010075</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000140</b> | <b>-.000259</b> | <b>1.098076</b> | <b>-.000138</b> | <b>-.000349</b> | <b>.0001749</b> | <b>.2495994</b> |
| Stddev | .000008         | .000080         | .564727         | .000071         | .000138         | .0001920        | .1180992        |
| %RSD   | 5.379629        | 30.88858        | 51.42878        | 51.77939        | 39.48766        | 109.7627        | 47.31552        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000149</b> | <b>-.000254</b> | <b>1.700911</b> | <b>-.000181</b> | <b>-.000505</b> | <b>-.000040</b> | <b>.3735374</b> |
| #2 | <b>-.000139</b> | <b>-.000341</b> | <b>1.011972</b> | <b>-.000055</b> | <b>-.000243</b> | <b>.000237</b>  | <b>.2368943</b> |
| #3 | <b>-.000134</b> | <b>-.000181</b> | <b>.581346</b>  | <b>-.000177</b> | <b>-.000300</b> | <b>.000328</b>  | <b>.1383663</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0628174</b> | <b>.1817447</b> | <b>-.000227</b> | <b>.0001314</b> | <b>.6841623</b> | <b>-.003995</b> | <b>.0080161</b> |
| Stddev | .0329210        | .0969722        | .000307         | .0000863        | .3410266        | .000567         | .0002164        |
| %RSD   | 52.40741        | 53.35625        | 134.9905        | 65.63917        | 49.84586        | 14.17919        | 2.699548        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0980416</b> | <b>.2792408</b> | <b>.000111</b>  | <b>.0001666</b> | <b>1.053525</b> | <b>-.003584</b> | <b>.0078008</b> |
| #2 | <b>.0575842</b> | <b>.1806883</b> | <b>-.000307</b> | <b>.0001946</b> | <b>.617706</b>  | <b>-.004642</b> | <b>.0080139</b> |
| #3 | <b>.0328265</b> | <b>.0853051</b> | <b>-.000487</b> | <b>.0000331</b> | <b>.381255</b>  | <b>-.003760</b> | <b>.0082336</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1059587</b> | <b>-.011147</b> | <b>-.000652</b> | <b>.0014525</b> | <b>-.002877</b> | <b>.1407593</b> | <b>-.000005</b> |
| Stddev | .0362427        | .000692         | .000091         | .0002431        | .000512         | .0615217        | .000248         |
| %RSD   | 34.20456        | 6.204352        | 14.01092        | 16.73605        | 17.80859        | 43.70704        | 4667.970        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.1382514</b> | <b>-.010432</b> | <b>-.000642</b> | <b>.0013683</b> | <b>-.002757</b> | <b>.2053210</b> | <b>-.000026</b> |
| #2 | <b>.1128650</b> | <b>-.011194</b> | <b>-.000566</b> | <b>.0012627</b> | <b>-.002435</b> | <b>.1341450</b> | <b>.000253</b>  |
| #3 | <b>.0667598</b> | <b>-.011813</b> | <b>-.000748</b> | <b>.0017265</b> | <b>-.003439</b> | <b>.0828120</b> | <b>-.000243</b> |

Sample Name: P1769-03      Acquired: 3/28/2024 15:22:09      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0037262 | -.001684 | .0021722 | z ***** |
| Stddev | .0000647 | .000087  | .0036387 | -----   |
| %RSD   | 1.736718 | 5.193818 | 167.5119 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .0036531 | -.001583 | .0060552 | z 1766.700 |
| #2 | .0037494 | -.001723 | .0016207 | z 1774.670 |
| #3 | .0037761 | -.001745 | -.001159 | z 1781.589 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3561.544 | 84921.11 | 12365.62 | 2774.792 | 5236.209 |
| Stddev    | 4.495    | 406.61   | 57.11    | 18.609   | 9.174    |
| %RSD      | .1262151 | .4788045 | .4618477 | .6706519 | .1752104 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3562.251 | 84971.79 | 12351.66 | 2763.604 | 5239.639 |
| #2 | 3565.645 | 84491.55 | 12316.79 | 2764.498 | 5243.175 |
| #3 | 3556.738 | 85300.01 | 12428.42 | 2796.274 | 5225.814 |

Sample Name: P1830-07      Acquired: 3/28/2024 15:26:35      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      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>-.004258</b> | <b>-.002705</b> | <b>.0015608</b> | <b>-.000000</b> | <b>-.001120</b> | <b>.0880803</b> | <b>.3081561</b> |
| Stddev | .003972         | .001984         | .0008330        | .003229         | .000567         | .0325189        | .0011185        |
| %RSD   | 93.27948        | 73.35791        | 53.37011        | 784055.3        | 50.65224        | 36.91966        | .3629616        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000070  | -.002464 | .0006166 | -.003574 | -.000687 | .1165354 | .3069701 |
| #2 | -.005108 | -.000852 | .0021918 | .002706  | -.001762 | .0950710 | .3083063 |
| #3 | -.007735 | -.004798 | .0018740 | .000867  | -.000910 | .0526346 | .3091919 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000048</b> | <b>.0010266</b> | <b>51.71424</b> | <b>-.000225</b> | <b>.0073488</b> | <b>.0067828</b> | <b>.0981804</b> |
| Stddev | .000012         | .0000206        | .41959          | .000123         | .0000871        | .0002070        | .0635558        |
| %RSD   | 24.34254        | 2.010231        | .8113561        | 54.54078        | 1.185097        | 3.051871        | 64.73372        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000040 | .0010033 | 51.36656 | -.000092 | .0074008 | .0065649 | .1685867 |
| #2 | -.000062 | .0010340 | 51.59586 | -.000333 | .0073973 | .0069768 | .0809091 |
| #3 | -.000043 | .0010426 | 52.18030 | -.000251 | .0072482 | .0068067 | .0450453 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1903078</b> | <b>1.876028</b> | <b>.0021271</b> | <b>.0002422</b> | <b>265.3294</b> | <b>-.002723</b> | <b>.2104889</b> |
| Stddev | .0009242        | .019128         | .0000996        | .0003329        | 1.2847          | .001551         | .0020506        |
| %RSD   | .4856460        | 1.019586        | 4.680866        | 137.4307        | .4841841        | 56.95386        | .9742245        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1898965 | 1.866217 | .0020326 | -.000124 | 263.8548 | -.001175 | .2108833 |
| #2 | .1896607 | 1.863796 | .0021176 | .000325  | 266.2064 | -.004277 | .2123138 |
| #3 | .1913663 | 1.898070 | .0022311 | .000526  | 265.9269 | -.002716 | .2082698 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.351498</b> | <b>.0472475</b> | <b>-.000062</b> | <b>-.002640</b> | <b>-.002386</b> | <b>.6181887</b> | <b>.0017561</b> |
| Stddev | .020832         | .0005347        | .000163         | .000034         | .001947         | .0101853        | .0001407        |
| %RSD   | .4787227        | 1.131671        | 261.9055        | 1.279243        | 81.63110        | 1.647599        | 8.013377        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.339973 | .0471372 | .000102  | -.002625 | -.000372 | .6297705 | .0019074 |
| #2 | 4.375546 | .0467767 | -.000224 | -.002616 | -.002526 | .6141688 | .0016292 |
| #3 | 4.338977 | .0478288 | -.000066 | -.002678 | -.004259 | .6106268 | .0017315 |

Sample Name: P1830-07      Acquired: 3/28/2024 15:26:35      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0708787 | -.001977 | .0934798 | z ***** |
| Stddev | .0001583 | .000691  | .0001522 | -----   |
| %RSD   | .2233083 | 34.97042 | .1628501 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .0707080 | -.001249 | .0933040 | z 1987.509 |
| #2 | .0709075 | -.002056 | .0935679 | z 1979.808 |
| #3 | .0710205 | -.002625 | .0935675 | z 1983.141 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3257.526 | 77429.25 | 12754.97 | 2564.398 | 4411.506 |
| Stddev    | 15.571   | 115.33   | 108.12   | 7.789    | 30.983   |
| %RSD      | .4779975 | .1489489 | .8476625 | .3037481 | .7023337 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3273.858 | 77426.98 | 12837.37 | 2569.757 | 4444.017 |
| #2 | 3255.873 | 77315.07 | 12795.00 | 2555.463 | 4408.184 |
| #3 | 3242.848 | 77545.70 | 12632.55 | 2567.974 | 4382.318 |

Sample Name: P1830-08      Acquired: 3/28/2024 15:31:07      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      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>-.000162</b> | <b>-.003402</b> | <b>.0057302</b> | <b>-.001316</b> | <b>-.000746</b> | <b>.0991072</b> | <b>.3818613</b> |
| Stddev | .003198         | .001933         | .0007266        | .001602         | .001046         | .0261097        | .0026784        |
| %RSD   | 1975.870        | 56.79788        | 12.68071        | 121.7659        | 140.1539        | 26.34492        | .7014012        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .001709  | -.002587 | .0057663 | .000067  | -.000193 | .1285826 | .3787957 |
| #2 | .001660  | -.005609 | .0064380 | -.003071 | -.000093 | .0898574 | .3837484 |
| #3 | -.003854 | -.002011 | .0049861 | -.000943 | -.001952 | .0788816 | .3830397 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000416</b> | <b>.0007342</b> | <b>50.14563</b> | <b>-.000761</b> | <b>.0024287</b> | <b>.0011555</b> | <b>.1518030</b> |
| Stddev | .0000674        | .0000903        | .24387          | .000055         | .0000768        | .0004475        | .0585235        |
| %RSD   | 162.0582        | 12.30073        | .4863320        | 7.174318        | 3.162368        | 38.73007        | 38.55228        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000282 | .0006821 | 49.91053 | -.000721 | .0023786 | .0008453 | .2114483 |
| #2 | .0001147 | .0006820 | 50.12893 | -.000823 | .0023903 | .0009526 | .1494910 |
| #3 | -.000018 | .0008385 | 50.39742 | -.000740 | .0025171 | .0016685 | .0944698 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.051317</b> | <b>11.39762</b> | <b>.0022434</b> | <b>.0004791</b> | <b>320.8717</b> | <b>-.003448</b> | <b>.2097139</b> |
| Stddev | .012980         | .04836          | .0001516        | .0001793        | 5.2087          | .000489         | .0010183        |
| %RSD   | .6327622        | .4242963        | 6.758201        | 37.41961        | 1.623298        | 14.17587        | .4855660        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.036980 | 11.36812 | .0022784 | .0005500 | 315.3877 | -.003973 | .2096775 |
| #2 | 2.054701 | 11.37130 | .0023744 | .0006120 | 321.4748 | -.003005 | .2087142 |
| #3 | 2.062270 | 11.45343 | .0020773 | .0002752 | 325.7526 | -.003367 | .2107498 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>3.376589</b> | <b>.0617892</b> | <b>.0000335</b> | <b>-.002862</b> | <b>-.002261</b> | <b>1.585841</b> | <b>.0014650</b> |
| Stddev | .020550         | .0002454        | .0001510        | .000439         | .002562         | .024978         | .0000585        |
| %RSD   | .6086134        | .3971992        | 450.6593        | 15.33001        | 113.3315        | 1.575052        | 3.993304        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.353617 | .0615093 | .0000290 | -.003349 | .000460  | 1.557188 | .0015283 |
| #2 | 3.393227 | .0618906 | .0001867 | -.002496 | -.002615 | 1.603028 | .0014129 |
| #3 | 3.382924 | .0619676 | -.000115 | -.002741 | -.004627 | 1.597305 | .0014537 |

Sample Name: P1830-08      Acquired: 3/28/2024 15:31:07      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .1410316 | -.002060 | .1854013 | z ***** |
| Stddev | .0010668 | .000642  | .0014039 | -----   |
| %RSD   | .7564493 | 31.16339 | .7572146 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .1415838 | -.001345 | .1837977 | z 2002.990 |
| #2 | .1398019 | -.002248 | .1864082 | z 1987.605 |
| #3 | .1417091 | -.002586 | .1859981 | z 1942.012 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3151.874 | 75539.84 | 12446.53 | 2500.727 | 4245.995 |
| Stddev    | 24.084   | 442.66   | 53.58    | 27.934   | 27.646   |
| %RSD      | .7641275 | .5859961 | .4304433 | 1.117033 | .6511082 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3139.130 | 75935.90 | 12478.06 | 2523.973 | 4237.209 |
| #2 | 3179.653 | 75621.62 | 12476.86 | 2508.471 | 4276.966 |
| #3 | 3136.840 | 75061.99 | 12384.67 | 2469.739 | 4223.809 |

Sample Name: P1869-01      Acquired: 3/28/2024 15:35:39      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0453178 | -.035887 | .2332577 | -.031547 | .0127411 | 217.7164 | .6578703 |
| Stddev | .0017201 | .005490  | .0020195 | .002906  | .0024277 | 4.6398   | .0053833 |
| %RSD   | 3.795735 | 15.29658 | .8657703 | 9.211568 | 19.05428 | 2.131105 | .8182928 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0469234 | -.042022 | .2354585 | -.032370 | .0104619 | 212.3607 | .6518882 |
| #2 | .0435023 | -.034202 | .2328251 | -.028319 | .0124673 | 220.2750 | .6593982 |
| #3 | .0455277 | -.031438 | .2314896 | -.033953 | .0152941 | 220.5136 | .6623245 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0118811 | .0036053 | 72.43698 | .3139996 | .3022664 | .4463872 | 375.7628 |
| Stddev | .0000209 | .0004938 | .42122   | .0027481 | .0002973 | .0004969 | 2.3655   |
| %RSD   | .1762006 | 13.69501 | .5814940 | .8751827 | .0983530 | .1113084 | .6295113 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0118849 | .0040857 | 71.95134 | .3163529 | .3021241 | .4459292 | 373.0345 |
| #2 | .0118585 | .0036310 | 72.70308 | .3146664 | .3020670 | .4469154 | 377.0130 |
| #3 | .0118998 | .0030992 | 72.65650 | .3109795 | .3026081 | .4463170 | 377.2408 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.843796 | 56.68410 | .3097577 | .0155089 | 4.244431 | .9376707 | .6030663 |
| Stddev | .062976  | .34532   | .0011302 | .0004934 | .448450  | .0056683 | .0021664 |
| %RSD   | .7120877 | .6091933 | .3648658 | 3.181362 | 10.56560 | .6045062 | .3592399 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.771080 | 56.29584 | .3088586 | .0149445 | 4.751036 | .9311286 | .6032034 |
| #2 | 8.879692 | 56.79960 | .3093880 | .0157235 | 4.083973 | .9411155 | .6051609 |
| #3 | 8.880615 | 56.95687 | .3110264 | .0158587 | 3.898284 | .9407679 | .6008345 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.93605 | .3829835 | .0329322 | .0458451 | 8.348797 | .9776821 | .6673978 |
| Stddev | .05009   | .0050456 | .0007663 | .0023058 | .065276  | .0268947 | .0068658 |
| %RSD   | .4579973 | 1.317443 | 2.326942 | 5.029592 | .7818634 | 2.750864 | 1.028742 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.88364 | .3782783 | .0322931 | .0481271 | 8.274164 | .9838675 | .6744727 |
| #2 | 10.94107 | .3883116 | .0337817 | .0458920 | 8.376987 | 1.000945 | .6669586 |
| #3 | 10.98344 | .3823604 | .0327218 | .0435162 | 8.395242 | .948234  | .6607622 |

Sample Name: P1869-01      Acquired: 3/28/2024 15:35:39      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .4889626 | .0099002 | -.046185 | z ***** |
| Stddev | .0025877 | .0002075 | .000201  | -----   |
| %RSD   | .5292174 | 2.096336 | .4349869 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .4919441 | .0100986 | -.046135 | z 6313.878 |
| #2 | .4876412 | .0099175 | -.046406 | z 6317.288 |
| #3 | .4873023 | .0096846 | -.046013 | z 6305.273 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4009.424 | 94979.30 | 15416.89 | 3147.628 | 4236.304 |
| Stddev    | 13.136   | 244.55   | 107.85   | 16.480   | 11.439   |
| %RSD      | .3276392 | .2574759 | .6995888 | .5235769 | .2700130 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4021.043 | 95258.52 | 15537.51 | 3164.285 | 4249.368 |
| #2 | 3995.170 | 94803.19 | 15383.46 | 3131.330 | 4228.083 |
| #3 | 4012.058 | 94876.20 | 15329.72 | 3147.268 | 4231.463 |

Sample Name: P1869-04      Acquired: 3/28/2024 15:40:08      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0450675 | -.040167 | .2688387 | -.032155 | .0142676 | 241.4389 | .8365430 |
| Stddev | .0018929 | .004274  | .0114843 | .003471  | .0019633 | 2.6738   | .0008852 |
| %RSD   | 4.200126 | 10.64082 | 4.271832 | 10.79564 | 13.76050 | 1.107439 | .1058228 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0434589 | -.035553 | .2627406 | -.028567 | .0158806 | 238.4727 | .8355405 |
| #2 | .0471533 | -.043991 | .2820858 | -.032401 | .0120816 | 243.6639 | .8372172 |
| #3 | .0445902 | -.040955 | .2616897 | -.035497 | .0148406 | 242.1800 | .8368714 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0129974 | .0059242 | 31.94819 | .3030359 | .2998449 | .4748531 | 394.0450 |
| Stddev | .0001608 | .0031913 | .01754   | .0011132 | .0137175 | .0213559 | 1.9902   |
| %RSD   | 1.237495 | 53.86856 | .0549023 | .3673359 | 4.574850 | 4.497367 | .5050589 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0129503 | .0044159 | 31.92835 | .3033442 | .2909145 | .4614297 | 391.7676 |
| #2 | .0131766 | .0095900 | 31.96164 | .3039624 | .3156395 | .4994794 | 394.9175 |
| #3 | .0128654 | .0037666 | 31.95458 | .3018011 | .2929808 | .4636501 | 395.4499 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.214615 | 40.83445 | .3082130 | .0157564 | 1.776309 | 1.034726 | .9247355 |
| Stddev | .028634  | .16558   | .0134528 | .0003531 | .156546  | .002347  | .0005891 |
| %RSD   | .3107444 | .4054895 | 4.364772 | 2.240719 | 8.812994 | .2267799 | .0637005 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.182077 | 40.66857 | .2995727 | .0153495 | 1.952131 | 1.032017 | .9244368 |
| #2 | 9.225801 | 40.99972 | .3237129 | .0159816 | 1.724754 | 1.036095 | .9243555 |
| #3 | 9.235967 | 40.83506 | .3013534 | .0159381 | 1.652043 | 1.036067 | .9254140 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.242732 | .4348505 | .0055173 | .0407896 | 8.420978 | 1.113097 | .6981913 |
| Stddev | .032861  | .0035555 | .0004611 | .0017234 | .023977  | .028317  | .0287876 |
| %RSD   | .3555293 | .8176378 | 8.357843 | 4.224986 | .2847279 | 2.543945 | 4.123172 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.278067 | .4321385 | .0051779 | .0413095 | 8.393763 | 1.136582 | .6849580 |
| #2 | 9.213090 | .4335371 | .0060423 | .0421931 | 8.430179 | 1.121056 | .7312160 |
| #3 | 9.237039 | .4388758 | .0053317 | .0388661 | 8.438990 | 1.081652 | .6783999 |

Sample Name: P1869-04      Acquired: 3/28/2024 15:40:08      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .4035302 | .0093659 | -.270047 | z ***** |
| Stddev | .0197508 | .0009426 | .002849  | -----   |
| %RSD   | 4.894509 | 10.06392 | 1.054954 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .3928013 | .0104328 | -.266839 | z 6513.650 |
| #2 | .4263234 | .0090192 | -.271020 | z 6505.053 |
| #3 | .3914658 | .0086458 | -.272282 | z 6494.981 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4038.633 | 96957.18 | 15998.54 | 3233.030 | 4203.831 |
| Stddev    | 107.354  | 20.37    | 88.41    | 8.890    | 148.786  |
| %RSD      | 2.658172 | .0210042 | .5525961 | .2749736 | 3.539302 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4111.551 | 96975.32 | 16096.24 | 3238.541 | 4302.465 |
| #2 | 3915.358 | 96935.15 | 15924.07 | 3237.775 | 4032.691 |
| #3 | 4088.990 | 96961.06 | 15975.31 | 3222.775 | 4276.336 |

Sample Name: P1869-07      Acquired: 3/28/2024 15:44:36      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0395792 | -.046320 | .2234943 | -.036513 | .0164387 | 246.2454 | .8164004 |
| Stddev | .0030219 | .002568  | .0014346 | .000325  | .0009667 | 1.9034   | .0015247 |
| %RSD   | 7.634995 | 5.544831 | .6418829 | .8888959 | 5.880400 | .7729808 | .1867628 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0364572 | -.043890 | .2226510 | -.036875 | .0172365 | 248.3133 | .8152887 |
| #2 | .0397903 | -.049007 | .2226811 | -.036248 | .0167159 | 244.5666 | .8181386 |
| #3 | .0424899 | -.046064 | .2251507 | -.036417 | .0153637 | 245.8563 | .8157739 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0134570 | .0060421 | 42.01761 | .3506133 | .3268358 | .5013276 | 453.1623 |
| Stddev | .0000446 | .0003227 | .14869   | .0006878 | .0006343 | .0016051 | 1.3410   |
| %RSD   | .3314029 | 5.341296 | .3538715 | .1961825 | .1940567 | .3201601 | .2959140 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0135074 | .0056753 | 42.15996 | .3504239 | .3266638 | .4998394 | 454.5092 |
| #2 | .0134412 | .0061684 | 42.02957 | .3513760 | .3275383 | .5011151 | 453.1506 |
| #3 | .0134225 | .0062825 | 41.86331 | .3500400 | .3263052 | .5030283 | 451.8273 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.091648 | 51.21903 | .3129002 | .0178124 | 2.633922 | 1.175490 | .8692570 |
| Stddev | .025517  | .16045   | .0010025 | .0001305 | .028375  | .003497  | .0023746 |
| %RSD   | .2806634 | .3132711 | .3203754 | .7323305 | 1.077276 | .2974591 | .2731744 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.111123 | 51.40375 | .3119254 | .0179352 | 2.666096 | 1.177573 | .8686807 |
| #2 | 9.101059 | 51.13904 | .3139282 | .0178267 | 2.623195 | 1.177445 | .8672236 |
| #3 | 9.062762 | 51.11429 | .3128471 | .0176754 | 2.612474 | 1.171453 | .8718667 |

|        |          |         |          |          |          |          |          |
|--------|----------|---------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496  | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm     | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.756684 | ^ ***** | .0054377 | .0420897 | 9.335703 | .4498202 | .8012873 |
| Stddev | .046754  | -----   | .0005363 | .0016765 | .019955  | .0109286 | .0111800 |
| %RSD   | .5339285 | -----   | 9.862805 | 3.983165 | .2137524 | 2.429557 | 1.395256 |

|    |          |         |          |          |          |          |          |
|----|----------|---------|----------|----------|----------|----------|----------|
| #1 | 8.725801 | ^ ----- | .0058069 | .0439351 | 9.354273 | .4516612 | .8124011 |
| #2 | 8.810474 | ^ ----- | .0048226 | .0406605 | 9.338233 | .4597114 | .8014184 |
| #3 | 8.733776 | ^ ----- | .0056838 | .0416736 | 9.314604 | .4380879 | .7900422 |

Sample Name: P1869-07      Acquired: 3/28/2024 15:44:36      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .2109324 | .0085515 | -.286656 | z ***** |
| Stddev | .0006435 | .0001785 | .001065  | -----   |
| %RSD   | .3050740 | 2.086999 | .3714406 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .2103912 | .0085009 | -.287792 | z 6560.806 |
| #2 | .2116439 | .0087498 | -.286496 | z 6578.396 |
| #3 | .2107619 | .0084038 | -.285681 | z 6572.290 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4049.751 | 97485.96 | 16073.94 | 3192.651 | 4210.786 |
| Stddev    | 15.545   | 181.68   | 53.76    | 7.539    | 10.373   |
| %RSD      | .3838386 | .1863613 | .3344704 | .2361464 | .2463375 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4057.611 | 97477.17 | 16028.39 | 3191.109 | 4217.559 |
| #2 | 4059.797 | 97671.87 | 16133.24 | 3200.842 | 4215.955 |
| #3 | 4031.847 | 97308.83 | 16060.19 | 3186.002 | 4198.845 |

Sample Name: CCV04      Acquired: 3/28/2024 16:00:56      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV04      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.939979 | 4.875905 | 4.902856 | 4.876652 | 5.011188 | 10.15489 | 10.37090 |
| Stddev | .006653  | .016079  | .016388  | .018265  | .015796  | .01898   | .15693   |
| %RSD   | .1346786 | .3297607 | .3342463 | .3745297 | .3152094 | .1868689 | 1.513151 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.935097 | 4.877271 | 4.914584 | 4.868876 | 5.009813 | 10.17040 | 10.20882 |
| #2 | 4.937283 | 4.891257 | 4.909853 | 4.863562 | 4.996125 | 10.16054 | 10.38178 |
| #3 | 4.947557 | 4.859187 | 4.884131 | 4.897518 | 5.027627 | 10.13373 | 10.52211 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2729180 | 2.427485 | 27.33111 | .9502867 | 2.456707 | 1.267965 | 5.005745 |
| Stddev | .0005849 | .008220  | .07812   | .0027461 | .006966  | .001207  | .072811  |
| %RSD   | .2143036 | .3386387 | .2858369 | .2889801 | .2835664 | .0952245 | 1.454540 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2725161 | 2.435230 | 27.24101 | .9478894 | 2.462863 | 1.267049 | 5.076545 |
| #2 | .2726490 | 2.428366 | 27.37232 | .9532828 | 2.458114 | 1.267511 | 5.009611 |
| #3 | .2735890 | 2.418860 | 27.38000 | .9496879 | 2.449145 | 1.269333 | 4.931078 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.643639 | 24.20716 | 2.470905 | 1.273276 | 22.73951 | 2.538057 | 2.606164 |
| Stddev | .003624  | .15598   | .007158  | .001051  | .11721   | .009542  | .003450  |
| %RSD   | .1370878 | .6443395 | .2896849 | .0825225 | .5154630 | .3759599 | .1323611 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.639905 | 24.20487 | 2.477390 | 1.273839 | 22.84506 | 2.527059 | 2.602370 |
| #2 | 2.647142 | 24.36427 | 2.472101 | 1.273926 | 22.76011 | 2.544135 | 2.607010 |
| #3 | 2.643872 | 24.05234 | 2.463225 | 1.272064 | 22.61336 | 2.542978 | 2.609111 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.46407 | 5.304545 | 5.054584 | 4.793299 | 5.407262 | 4.664932 | 5.056416 |
| Stddev | .03563   | .012203  | .004324  | .012596  | .007204  | .027411  | .072337  |
| %RSD   | .1456484 | .2300431 | .0855487 | .2627827 | .1332243 | .5875998 | 1.430605 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.43462 | 5.303255 | 5.052797 | 4.804328 | 5.402588 | 4.633565 | 5.134385 |
| #2 | 24.50368 | 5.293039 | 5.051440 | 4.795998 | 5.415558 | 4.684283 | 5.043380 |
| #3 | 24.45392 | 5.317342 | 5.059515 | 4.779573 | 5.403640 | 4.676949 | 4.991484 |

Sample Name: CCV04      Acquired: 3/28/2024 16:00:56      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV04      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 4.780940 | 4.955906 | 5.380128 | Z ***** |
| Stddev | .017866  | .059609  | .025439  | -----   |
| %RSD   | .3736928 | 1.202784 | .4728381 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 4.798084 | 4.918204 | 5.359232 | Z 22465.12 |
| #2 | 4.782307 | 4.924885 | 5.372697 | Z 22479.84 |
| #3 | 4.762430 | 5.024628 | 5.408456 | Z 22512.99 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3262.277 | 77543.96 | 11985.50 | 2538.265 | 4385.859 |
| Stddev    | 8.960    | 146.57   | 10.99    | 6.808    | 1.741    |
| %RSD      | .2746552 | .1890089 | .0916617 | .2682036 | .0396996 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3268.326 | 77562.71 | 11997.10 | 2546.121 | 4385.818 |
| #2 | 3266.521 | 77388.91 | 11984.16 | 2534.586 | 4387.621 |
| #3 | 3251.983 | 77680.24 | 11975.25 | 2534.089 | 4384.139 |

Sample Name: CCB04      Acquired: 3/28/2024 16:24:05      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB04      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.002582</b> | <b>-.002879</b> | <b>-.000503</b> | <b>-.000834</b> | <b>-.001473</b> | <b>.0024060</b> | <b>-.010840</b> |
| Stddev | .001683         | .000971         | .000794         | .000827         | .000937         | .0065372        | .000215         |
| %RSD   | 65.19119        | 33.72579        | 157.9437        | 99.09895        | 63.64674        | 271.7072        | 1.979251        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002510</b> | <b>-.003682</b> | <b>-.000941</b> | <b>-.000163</b> | <b>-.002459</b> | <b>.0091859</b> | <b>-.010689</b> |
| #2 | <b>-.000936</b> | <b>-.001800</b> | <b>.000414</b>  | <b>-.001758</b> | <b>-.000593</b> | <b>.0018898</b> | <b>-.010747</b> |
| #3 | <b>-.004301</b> | <b>-.003154</b> | <b>-.000981</b> | <b>-.000582</b> | <b>-.001368</b> | <b>-.003858</b> | <b>-.011086</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000102</b> | <b>-.000216</b> | <b>-.021708</b> | <b>-.000207</b> | <b>-.000257</b> | <b>-.000302</b> | <b>.0138825</b> |
| Stddev | .000030         | .000036         | .010535         | .000128         | .000176         | .000122         | .0087542        |
| %RSD   | 29.35372        | 16.85274        | 48.53080        | 61.95576        | 68.57141        | 40.26530        | 63.05931        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000134</b> | <b>-.000238</b> | <b>-.014453</b> | <b>-.000142</b> | <b>-.000149</b> | <b>-.000389</b> | <b>.0220860</b> |
| #2 | <b>-.000074</b> | <b>-.000235</b> | <b>-.016879</b> | <b>-.000124</b> | <b>-.000161</b> | <b>-.000163</b> | <b>.0148959</b> |
| #3 | <b>-.000100</b> | <b>-.000174</b> | <b>-.033792</b> | <b>-.000354</b> | <b>-.000460</b> | <b>-.000355</b> | <b>.0046657</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.002202</b> | <b>-.031798</b> | <b>-.000053</b> | <b>.0000832</b> | <b>.0066573</b> | <b>-.003642</b> | <b>-.000728</b> |
| Stddev | .000274         | .017623         | .000102         | .0001283        | .0139549        | .000448         | .000103         |
| %RSD   | 12.46405        | 55.42111        | 191.1824        | 154.2427        | 209.6166        | 12.29548        | 14.09231        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001885</b> | <b>-.031229</b> | <b>-.000160</b> | <b>-.000055</b> | <b>.0184961</b> | <b>-.003126</b> | <b>-.000839</b> |
| #2 | <b>-.002357</b> | <b>-.014467</b> | <b>.000043</b>  | <b>.000199</b>  | <b>.0102049</b> | <b>-.003871</b> | <b>-.000637</b> |
| #3 | <b>-.002364</b> | <b>-.049699</b> | <b>-.000042</b> | <b>.000106</b>  | <b>-.008729</b> | <b>-.003929</b> | <b>-.000708</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.023849</b> | <b>-.012054</b> | <b>-.000571</b> | <b>-.001301</b> | <b>-.004044</b> | <b>-.001576</b> | <b>-.000310</b> |
| Stddev | .005231         | .000261         | .000128         | .000602         | .000236         | .009760         | .000113         |
| %RSD   | 21.93608        | 2.161754        | 22.46653        | 46.25231        | 5.843177        | 619.3998        | 36.44142        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.029253</b> | <b>-.011789</b> | <b>-.000597</b> | <b>-.001979</b> | <b>-.004151</b> | <b>-.008452</b> | <b>-.000181</b> |
| #2 | <b>-.023483</b> | <b>-.012062</b> | <b>-.000685</b> | <b>-.000832</b> | <b>-.003773</b> | <b>.009595</b>  | <b>-.000355</b> |
| #3 | <b>-.018809</b> | <b>-.012310</b> | <b>-.000432</b> | <b>-.001091</b> | <b>-.004207</b> | <b>-.005871</b> | <b>-.000392</b> |

Sample Name: CCB04      Acquired: 3/28/2024 16:24:05      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB04      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
|--------|-----------------|-----------------|-----------------|----------------|
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>-.000340</b> | <b>-.004164</b> | <b>-.004674</b> | <b>z *****</b> |
| Stddev | .000226         | .000089         | .000150         | -----          |
| %RSD   | 66.67602        | 2.125548        | 3.218447        | -----          |

|    |                 |                 |                 |                   |
|----|-----------------|-----------------|-----------------|-------------------|
| #1 | <b>-.000083</b> | <b>-.004245</b> | <b>-.004511</b> | <b>z 1779.187</b> |
| #2 | <b>-.000511</b> | <b>-.004070</b> | <b>-.004704</b> | <b>z 1778.566</b> |
| #3 | <b>-.000425</b> | <b>-.004178</b> | <b>-.004808</b> | <b>z 1770.167</b> |

| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3688.104</b> | <b>87871.33</b> | <b>12728.68</b> | <b>2872.414</b> | <b>5531.799</b> |
| Stddev    | 16.458          | 1056.36         | 78.90           | 36.047          | 27.211          |
| %RSD      | .4462411        | 1.202163        | .6198899        | 1.254937        | .4919057        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3678.647</b> | <b>87661.47</b> | <b>12808.58</b> | <b>2875.579</b> | <b>5519.668</b> |
| #2 | <b>3678.557</b> | <b>86935.65</b> | <b>12726.63</b> | <b>2834.889</b> | <b>5512.762</b> |
| #3 | <b>3707.107</b> | <b>89016.86</b> | <b>12650.81</b> | <b>2906.774</b> | <b>5562.965</b> |

Sample Name: P1869-10      Acquired: 3/28/2024 16:28:33      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0404736 | -.013075 | .3830746 | -.024148 | .0074562 | 105.7033 | .6769554 |
| Stddev | .0046838 | .002406  | .0040558 | .004083  | .0003325 | .6570    | .0036880 |
| %RSD   | 11.57259 | 18.40460 | 1.058748 | 16.90993 | 4.459676 | .6215117 | .5447937 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0422526 | -.014162 | .3867701 | -.027664 | .0076792 | 105.0027 | .6731688 |
| #2 | .0351609 | -.014747 | .3787354 | -.025111 | .0076153 | 105.8015 | .6771611 |
| #3 | .0440073 | -.010317 | .3837183 | -.019669 | .0070740 | 106.3055 | .6805362 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0082545 | .0027680 | 335.2529 | .1656753 | .1266188 | .3958053 | 228.2089 |
| Stddev | .0000868 | .0002277 | 3.5205   | .0008359 | .0004355 | .0003729 | .8182    |
| %RSD   | 1.052200 | 8.225962 | 1.050115 | .5045301 | .3439122 | .0942115 | .3585296 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0082703 | .0029723 | 331.3427 | .1649213 | .1271215 | .3953846 | 228.2457 |
| #2 | .0083323 | .0028090 | 338.1708 | .1665741 | .1263601 | .3960953 | 227.3730 |
| #3 | .0081608 | .0025225 | 336.2451 | .1655305 | .1263746 | .3959359 | 229.0081 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.970697 | 65.16974 | .2340647 | .0106027 | 2.223600 | .3556351 | .8837479 |
| Stddev | .017879  | .35999   | .0003219 | .0001358 | .067692  | .0024639 | .0016577 |
| %RSD   | .6018459 | .5523841 | .1375353 | 1.280642 | 3.044247 | .6928223 | .1875766 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.950517 | 64.90289 | .2344119 | .0106008 | 2.301294 | .3528891 | .8823723 |
| #2 | 2.977014 | 65.02715 | .2340062 | .0104679 | 2.192167 | .3576527 | .8855884 |
| #3 | 2.984560 | 65.57918 | .2337761 | .0107395 | 2.177340 | .3563635 | .8832830 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.63446 | .3341188 | .0073080 | .0897493 | 7.622322 | .3416842 | .8803604 |
| Stddev | .04634   | .0060108 | .0001168 | .0007622 | .051488  | .0073941 | .0122540 |
| %RSD   | .1881190 | 1.798988 | 1.598069 | .8492701 | .6754850 | 2.164017 | 1.391928 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.59247 | .3391099 | .0074092 | .0902725 | 7.566853 | .3331857 | .8913060 |
| #2 | 24.62673 | .3274464 | .0073346 | .0888748 | 7.631527 | .3452230 | .8826533 |
| #3 | 24.68418 | .3358002 | .0071802 | .0901005 | 7.668587 | .3466439 | .8671220 |

Sample Name: P1869-10      Acquired: 3/28/2024 16:28:33      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 1.807453 | .0180650 | .8862725 | z ***** |
| Stddev | .007550  | .0006052 | .0258817 | -----   |
| %RSD   | .4177091 | 3.350045 | 2.920290 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 1.815028 | .0187602 | .8589485 | z 7010.410 |
| #2 | 1.807404 | .0177788 | .9104185 | z 7012.490 |
| #3 | 1.799928 | .0176559 | .8894504 | z 6984.972 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3880.501 | 94626.60 | 16044.86 | 3063.497 | 4044.123 |
| Stddev    | 11.084   | 367.09   | 134.45   | 16.496   | 7.269    |
| %RSD      | .2856384 | .3879362 | .8379487 | .5384616 | .1797539 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3892.955 | 94946.28 | 16197.44 | 3077.310 | 4052.072 |
| #2 | 3876.831 | 94707.81 | 15993.39 | 3067.950 | 4042.485 |
| #3 | 3871.718 | 94225.70 | 15943.75 | 3045.232 | 4037.812 |

Sample Name: P1869-13      Acquired: 3/28/2024 16:33:04      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0496973 | -.037540 | .1674364 | -.033823 | .0152342 | 234.5769 | .7865533 |
| Stddev | .0060735 | .001543  | .0011555 | .003974  | .0010081 | 3.2542   | .0041718 |
| %RSD   | 12.22101 | 4.109066 | .6901003 | 11.74960 | 6.617528 | 1.387265 | .5303933 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0427726 | -.037178 | .1675342 | -.029251 | .0150090 | 231.9607 | .7820716 |
| #2 | .0521987 | -.036211 | .1662351 | -.036449 | .0143577 | 233.5490 | .7872646 |
| #3 | .0541207 | -.039232 | .1685398 | -.035770 | .0163359 | 238.2209 | .7903238 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0132167 | .0005682 | 26.31869 | .5437197 | .2855213 | .4187193 | 421.8728 |
| Stddev | .0000375 | .0004869 | .50543   | .0010417 | .0005402 | .0027335 | 2.4000   |
| %RSD   | .2833582 | 85.69284 | 1.920441 | .1915839 | .1891849 | .6528160 | .5689033 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0131900 | .0011168 | 26.88653 | .5425884 | .2854961 | .4210159 | 419.7335 |
| #2 | .0132005 | .0001876 | 26.15153 | .5439313 | .2860736 | .4156959 | 424.4681 |
| #3 | .0132595 | .0004002 | 25.91801 | .5446393 | .2849942 | .4194462 | 421.4169 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.270320 | 59.94747 | .3325266 | .0164951 | 1.544308 | 1.007675 | .6845975 |
| Stddev | .027638  | .35175   | .0005891 | .0001389 | .049874  | .002872  | .0024426 |
| %RSD   | .3801504 | .5867685 | .1771541 | .8419224 | 3.229517 | .2850416 | .3567924 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.240408 | 59.57193 | .3330384 | .0163504 | 1.596146 | 1.004481 | .6818410 |
| #2 | 7.275642 | 60.26924 | .3318827 | .0166273 | 1.540114 | 1.008495 | .6854583 |
| #3 | 7.294910 | 60.00123 | .3326587 | .0165077 | 1.496664 | 1.010047 | .6864931 |

|        |          |         |          |          |          |          |          |
|--------|----------|---------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496  | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm     | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.870552 | ^ ***** | .0008761 | .0421638 | 9.962038 | .8118521 | .5210879 |
| Stddev | .026029  | -----   | .0007821 | .0009790 | .050928  | .0134178 | .0070166 |
| %RSD   | .3788542 | -----   | 89.26833 | 2.321976 | .5112163 | 1.652743 | 1.346523 |

|    |          |         |          |          |          |          |          |
|----|----------|---------|----------|----------|----------|----------|----------|
| #1 | 6.898477 | ^ ----- | .0016481 | .0423417 | 9.906783 | .8078945 | .5288976 |
| #2 | 6.866216 | ^ ----- | .0000844 | .0411080 | 9.972236 | .8268037 | .5190512 |
| #3 | 6.846963 | ^ ----- | .0008958 | .0430417 | 10.00710 | .8008583 | .5153150 |

Sample Name: P1869-13      Acquired: 3/28/2024 16:33:04      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0817138 | .0102934 | -.322994 | z ***** |
| Stddev | .0007763 | .0003258 | .003733  | -----   |
| %RSD   | .9500587 | 3.165030 | 1.155630 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .0826074 | .0106441 | -.318831 | z 6631.155 |
| #2 | .0813288 | .0102357 | -.326042 | z 6631.707 |
| #3 | .0812052 | .0100002 | -.324110 | z 6625.648 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3928.581 | 95248.98 | 16014.51 | 3096.655 | 4274.372 |
| Stddev    | 10.352   | 101.05   | 76.49    | 4.181    | 8.809    |
| %RSD      | .2635061 | .1060868 | .4776244 | .1350236 | .2060892 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3933.765 | 95353.99 | 16097.05 | 3100.460 | 4278.774 |
| #2 | 3935.317 | 95152.43 | 16000.46 | 3097.326 | 4280.112 |
| #3 | 3916.661 | 95240.52 | 15946.02 | 3092.179 | 4264.230 |

Sample Name: P1870-01      Acquired: 3/28/2024 16:37:35      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0467827 | -.023524 | .3403119 | -.030896 | .0130719 | 212.8295 |
| Stddev | .0011906 | .002189  | .0020088 | .001324  | .0006319 | 2.4572   |
| %RSD   | 2.544934 | 9.306279 | .5902728 | 4.286663 | 4.833953 | 1.154540 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0470216 | -.023592 | .3418678 | -.031534 | .0135266 | 215.6501 |
| #2 | .0454908 | -.025678 | .3410237 | -.031781 | .0123504 | 211.1525 |
| #3 | .0478357 | -.021301 | .3380441 | -.029373 | .0133387 | 211.6860 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7356325 | .0099784 | -.005141 | 73.33601 | .4796326 | .2534294 |
| Stddev | .0025415 | .0000996 | .004256  | .37803   | .0407715 | .0010004 |
| %RSD   | .3454891 | .9984647 | 82.78344 | .5154784 | 8.500564 | .3947483 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7385449 | .0099610 | -.002916 | 73.77148 | .4565146 | .2545845 |
| #2 | .7338635 | .0098887 | -.002459 | 73.09213 | .4556743 | .2528634 |
| #3 | .7344891 | .0100856 | -.010048 | 73.14442 | .5267089 | .2528403 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3862405 | 363.7092 | 7.969256 | 51.59548 | .2985728 | .0154893 |
| Stddev | .0130051 | 24.0798  | .062566  | .58312   | .0012200 | .0000716 |
| %RSD   | 3.367086 | 6.620614 | .7850984 | 1.130177 | .4086248 | .4621036 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3946476 | 352.1319 | 8.038130 | 52.15583 | .2999582 | .0154127 |
| #2 | .3928129 | 347.6047 | 7.953711 | 51.63861 | .2981014 | .0155006 |
| #3 | .3712609 | 391.3910 | 7.915928 | 50.99199 | .2976587 | .0155545 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.849156 | .9611873 | .7044654 | 5.742072 | .4748117 | -.001129 |
| Stddev | .144001  | .0069158 | .0616195 | .417462  | .0881005 | .000329  |
| %RSD   | 7.787411 | .7195090 | 8.746989 | 7.270235 | 18.55482 | 29.14964 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.783363 | .9691471 | .6687711 | 5.544486 | .4314902 | -.001074 |
| #2 | 1.749804 | .9566512 | .6690077 | 5.460084 | .4167596 | -.000830 |
| #3 | 2.014302 | .9577636 | .7756173 | 6.221647 | .5761852 | -.001482 |

Sample Name: P1870-01      Acquired: 3/28/2024 16:37:35      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361     | Si2881   | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0412166 | F 10.19604 | 1.222143 | .4454526 | .1709602 | .0083477 |
| Stddev | .0012139 | .06610     | .101015  | .0070011 | .0061110 | .0001838 |
| %RSD   | 2.945131 | .6483148   | 8.265415 | 1.571676 | 3.574502 | 2.201362 |
| #1     | .0426120 | 10.26853   | 1.168457 | .4531859 | .1752891 | .0083684 |
| #2     | .0404039 | 10.18049   | 1.159306 | .4436262 | .1736216 | .0085202 |
| #3     | .0406339 | 10.13910   | 1.338666 | .4395458 | .1639698 | .0081545 |

|        |          |            |
|--------|----------|------------|
| Elem   | Sr4077   | Ce4040     |
| Units  | ppm      | Cts/S      |
| Avg    | -.059125 | Z *****    |
| Stddev | .024408  | -----      |
| %RSD   | 41.28166 | -----      |
| #1     | -.046619 | Z 5062.118 |
| #2     | -.043505 | Z 5091.778 |
| #3     | -.087251 | Z 5150.309 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3698.602 | 87004.07 | 15039.36 | 2828.769 | 4258.310 |
| Stddev    | 13.014   | 5893.49  | 104.36   | 197.479  | 12.545   |
| %RSD      | .3518589 | 6.773814 | .6939360 | 6.981109 | .2946111 |
| #1        | 3693.512 | 90185.12 | 14950.74 | 2938.336 | 4245.904 |
| #2        | 3713.392 | 90623.54 | 15012.94 | 2947.174 | 4270.990 |
| #3        | 3688.903 | 80203.56 | 15154.39 | 2600.796 | 4258.037 |

Sample Name: P1874-01      Acquired: 3/28/2024 16:42:05      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0824162 | -.018908 | 1.126037 | -.012668 | .0064342 | 113.0711 | .6919494 |
| Stddev | .0007763 | .000959  | .000508  | .001388  | .0009859 | 1.0408   | .0061401 |
| %RSD   | .9419484 | 5.071184 | .0451501 | 10.95813 | 15.32243 | .9205120 | .8873696 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0822075 | -.017803 | 1.125961 | -.014208 | .0075238 | 111.9370 | .6852992 |
| #2 | .0817656 | -.019403 | 1.126579 | -.012283 | .0056039 | 113.9827 | .6974034 |
| #3 | .0832755 | -.019519 | 1.125571 | -.011513 | .0061748 | 113.2936 | .6931457 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0083995 | -.000695 | 27.66234 | .1403709 | .0787263 | .4900525 | 183.9711 |
| Stddev | .0001450 | .000090  | .20893   | .0007037 | .0003671 | .0002950 | .2220    |
| %RSD   | 1.726808 | 12.93977 | .7552778 | .5013383 | .4663059 | .0602066 | .1206905 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0082725 | -.000754 | 27.47295 | .1403643 | .0784375 | .4897641 | 184.1960 |
| #2 | .0085575 | -.000591 | 27.88646 | .1396705 | .0786019 | .4900396 | 183.7520 |
| #3 | .0083685 | -.000739 | 27.62762 | .1410780 | .0791394 | .4903538 | 183.9653 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.436262 | 28.26423 | .1939742 | .0072563 | 1.958002 | .2943227 | 1.179970 |
| Stddev | .046385  | .26173   | .0003341 | .0000817 | .105070  | .0013389 | .002342  |
| %RSD   | 1.045587 | .9260144 | .1722619 | 1.126627 | 5.366187 | .4549085 | .1984417 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.385195 | 28.00112 | .1941530 | .0072998 | 2.069304 | .2931962 | 1.182170 |
| #2 | 4.475784 | 28.52456 | .1935887 | .0071620 | 1.944166 | .2958030 | 1.177509 |
| #3 | 4.447806 | 28.26701 | .1941809 | .0073072 | 1.860535 | .2939688 | 1.180231 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.287959 | .2450286 | .0018368 | .0293929 | 1.947295 | 1.138212 | .6709583 |
| Stddev | .010648  | .0066574 | .0000491 | .0008064 | .009721  | .008356  | .0101550 |
| %RSD   | .1461025 | 2.716976 | 2.672725 | 2.743620 | .4992093 | .7341073 | 1.513503 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.285392 | .2522829 | .0018143 | .0302167 | 1.945624 | 1.147846 | .6821633 |
| #2 | 7.278829 | .2391987 | .0018030 | .0293569 | 1.957743 | 1.133852 | .6683489 |
| #3 | 7.299655 | .2436044 | .0018931 | .0286051 | 1.938517 | 1.132938 | .6623626 |

Sample Name: P1874-01      Acquired: 3/28/2024 16:42:05      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .1648327 | .0100343 | -.091653 | Z ***** |
| Stddev | .0011075 | .0009851 | .000992  | -----   |
| %RSD   | .6718930 | 9.817284 | 1.082788 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .1659076 | .0110402 | -.091471 | Z 4790.662 |
| #2 | .1648950 | .0099913 | -.090765 | Z 4789.463 |
| #3 | .1636953 | .0090714 | -.092724 | Z 4804.839 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3901.781 | 94627.40 | 15689.66 | 3097.119 | 4547.587 |
| Stddev    | 12.488   | 46.68    | 162.72   | 6.341    | 9.755    |
| %RSD      | .3200563 | .0493309 | 1.037088 | .2047373 | .2144985 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3915.261 | 94579.04 | 15856.95 | 3090.517 | 4558.827 |
| #2 | 3899.476 | 94630.96 | 15531.94 | 3097.677 | 4542.606 |
| #3 | 3890.606 | 94672.20 | 15680.08 | 3103.162 | 4541.330 |

Sample Name: P1874-03      Acquired: 3/28/2024 16:46:17      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0433608 | -.016247 | 1.020749 | -.013952 | .0048797 | 80.50254 | 2.033230 |
| Stddev | .0012439 | .003167  | .012762  | .002329  | .0018541 | .65017   | .027231  |
| %RSD   | 2.868814 | 19.49541 | 1.250235 | 16.69416 | 37.99694 | .8076351 | 1.339274 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0422165 | -.019717 | 1.006146 | -.011542 | .0070189 | 79.75342 | 2.002186 |
| #2 | .0446848 | -.015512 | 1.026337 | -.014122 | .0038859 | 80.83431 | 2.044432 |
| #3 | .0431812 | -.013512 | 1.029763 | -.016191 | .0037343 | 80.91989 | 2.053073 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0070817 | -.000053 | 23.17593 | .1480458 | .0626911 | .5507534 | 173.5103 |
| Stddev | .0001040 | .000514  | .13584   | .0001669 | .0006536 | .0075331 | .1871    |
| %RSD   | 1.467849 | 974.9407 | .5861295 | .1127572 | 1.042572 | 1.367776 | .1078041 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0069672 | -.000646 | 23.03706 | .1478546 | .0619389 | .5422151 | 173.2957 |
| #2 | .0071702 | .000248  | 23.30852 | .1481201 | .0631211 | .5535837 | 173.6392 |
| #3 | .0071076 | .000240  | 23.18221 | .1481627 | .0630132 | .5564613 | 173.5958 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.977417 | 15.99257 | .1645730 | .0120179 | 2.644402 | .2424576 | 2.224222 |
| Stddev | .007034  | .09219   | .0018199 | .0002755 | .079849  | .0021157 | .007861  |
| %RSD   | .3557020 | .5764807 | 1.105858 | 2.292775 | 3.019564 | .8726209 | .3534451 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.969759 | 15.91807 | .1625054 | .0117026 | 2.733848 | .2400176 | 2.223641 |
| #2 | 1.983589 | 16.09568 | .1652813 | .0122124 | 2.619058 | .2435732 | 2.232358 |
| #3 | 1.978903 | 15.96395 | .1659323 | .0121386 | 2.580300 | .2437821 | 2.216667 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.841426 | .2300665 | .0025569 | .3563895 | 1.759338 | 1.228032 | .5808825 |
| Stddev | .022675  | .0016830 | .0001127 | .0022403 | .011947  | .009617  | .0007844 |
| %RSD   | .3881709 | .7315097 | 4.406682 | .6286131 | .6790645 | .7831276 | .1350352 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.830924 | .2315762 | .0024346 | .3538922 | 1.746011 | 1.230488 | .5817878 |
| #2 | 5.825907 | .2282519 | .0026565 | .3570535 | 1.769087 | 1.236183 | .5804051 |
| #3 | 5.867448 | .2303714 | .0025797 | .3582227 | 1.762916 | 1.217425 | .5804546 |

Sample Name: P1874-03      Acquired: 3/28/2024 16:46:17      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .1803909 | .0065404 | -.016611 | z ***** |
| Stddev | .0022764 | .0011136 | .000703  | -----   |
| %RSD   | 1.261921 | 17.02608 | 4.233301 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .1778014 | .0076373 | -.017400 | z 4766.653 |
| #2 | .1812944 | .0065729 | -.016049 | z 4783.343 |
| #3 | .1820768 | .0054109 | -.016385 | z 4776.656 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3883.073 | 90734.05 | 14920.97 | 2974.142 | 4752.547 |
| Stddev    | 58.738   | 154.42   | 89.80    | 3.855    | 65.445   |
| %RSD      | 1.512678 | .1701930 | .6018386 | .1296168 | 1.377043 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3949.797 | 90849.23 | 15023.87 | 2976.665 | 4826.184 |
| #2 | 3860.251 | 90794.34 | 14858.44 | 2969.705 | 4730.432 |
| #3 | 3839.170 | 90558.57 | 14880.58 | 2976.057 | 4701.025 |

Sample Name: P1876-01      Acquired: 3/28/2024 16:50:31      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0682395 | -.021155 | .3165897 | -.019178 | .0068370 | 104.4481 | .5286924 |
| Stddev | .0016985 | .000757  | .0012478 | .000287  | .0004443 | .5264    | .0063133 |
| %RSD   | 2.489064 | 3.579239 | .3941328 | 1.496292 | 6.498368 | .5040036 | 1.194130 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0663063 | -.021485 | .3163788 | -.018873 | .0063465 | 105.0559 | .5359377 |
| #2 | .0694922 | -.020288 | .3179295 | -.019220 | .0069521 | 104.1407 | .5257673 |
| #3 | .0689201 | -.021691 | .3154609 | -.019442 | .0072125 | 104.1476 | .5243721 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0087673 | -.004461 | 67.69286 | .0909086 | .1052276 | .4562930 | 220.6544 |
| Stddev | .0001007 | .000193  | .24980   | .0001681 | .0001560 | .0010701 | .0996    |
| %RSD   | 1.148601 | 4.324597 | .3690203 | .1849272 | .1482514 | .2345123 | .0451466 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0087364 | -.004603 | 67.98120 | .0910839 | .1050632 | .4551777 | 220.5531 |
| #2 | .0086856 | -.004537 | 67.55558 | .0908930 | .1052460 | .4563901 | 220.6580 |
| #3 | .0088798 | -.004241 | 67.54182 | .0907488 | .1053735 | .4573112 | 220.7522 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.645917 | 34.19253 | .1693630 | .0068961 | 4.078465 | .3630751 | .7396766 |
| Stddev | .014819  | .16141   | .0006856 | .0002381 | .116477  | .0048048 | .0030759 |
| %RSD   | .4064422 | .4720758 | .4048354 | 3.452859 | 2.855915 | 1.323371 | .4158472 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.663022 | 34.35605 | .1701375 | .0071534 | 4.206560 | .3685887 | .7415758 |
| #2 | 3.636963 | 34.03331 | .1691179 | .0068516 | 4.049924 | .3597829 | .7413262 |
| #3 | 3.637766 | 34.18822 | .1688336 | .0066834 | 3.978911 | .3608536 | .7361277 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.370853 | .2708815 | .0024122 | .0173440 | 2.411360 | 2.516203 | .5318597 |
| Stddev | .018104  | .0039583 | .0003448 | .0001967 | .010997  | .026848  | .0106967 |
| %RSD   | .2841653 | 1.461249 | 14.29387 | 1.134076 | .4560328 | 1.067018 | 2.011181 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.350626 | .2666670 | .0027919 | .0174259 | 2.423940 | 2.532197 | .5432254 |
| #2 | 6.376396 | .2745205 | .0021185 | .0174864 | 2.406568 | 2.531205 | .5303642 |
| #3 | 6.385537 | .2714571 | .0023263 | .0171195 | 2.403573 | 2.485206 | .5219895 |

Sample Name: P1876-01      Acquired: 3/28/2024 16:50:31      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .2443521 | .0158186 | .1470174 | z ***** |
| Stddev | .0006172 | .0014779 | .0023884 | -----   |
| %RSD   | .2525772 | 9.343035 | 1.624537 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .2447384 | .0174294 | .1497618 | z 4642.862 |
| #2 | .2446776 | .0155012 | .1458813 | z 4651.367 |
| #3 | .2436403 | .0145251 | .1454093 | z 4652.917 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3577.456 | 86949.21 | 13564.66 | 2846.561 | 4463.296 |
| Stddev    | 16.954   | 100.26   | 65.34    | 13.466   | 15.022   |
| %RSD      | .4739178 | .1153074 | .4816987 | .4730526 | .3365748 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3594.091 | 87020.30 | 13492.49 | 2831.568 | 4475.766 |
| #2 | 3578.075 | 86992.80 | 13619.81 | 2850.489 | 4467.504 |
| #3 | 3560.200 | 86834.54 | 13581.67 | 2857.626 | 4446.619 |

Sample Name: P1877-01      Acquired: 3/28/2024 16:54:43      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0462512 | -.058952 | .6012003 | -.042442 | .0134264 | 197.5534 | 1.572914 |
| Stddev | .0015971 | .002007  | .0020299 | .004353  | .0007804 | 1.1142   | .000960  |
| %RSD   | 3.453055 | 3.404754 | .3376403 | 10.25653 | 5.812139 | .5639979 | .0610497 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0450979 | -.056779 | .5988705 | -.046276 | .0126740 | 196.9788 | 1.571859 |
| #2 | .0455817 | -.059338 | .6025876 | -.037710 | .0142320 | 196.8438 | 1.573738 |
| #3 | .0480741 | -.060738 | .6021428 | -.043341 | .0133731 | 198.8376 | 1.573145 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0214615 | .0149517 | 30.78555 | .2791939 | .3347740 | .2733539 | 415.3311 |
| Stddev | .0002155 | .0004208 | .07144   | .0006718 | .0005250 | .0012832 | .3399    |
| %RSD   | 1.004171 | 2.814170 | .2320419 | .2406390 | .1568274 | .4694291 | .0818428 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0212531 | .0145042 | 30.83595 | .2799695 | .3341769 | .2720817 | 415.2632 |
| #2 | .0214478 | .0153393 | 30.70380 | .2787934 | .3349819 | .2733324 | 415.6998 |
| #3 | .0216835 | .0150118 | 30.81691 | .2788187 | .3351633 | .2746478 | 415.0303 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 18.40242 | 87.08035 | .6493997 | .0132053 | 2.222115 | .4425399 | 1.311819 |
| Stddev | .06718   | .49623   | .0023770 | .0001377 | .052631  | .0032238 | .001441  |
| %RSD   | .3650849 | .5698477 | .3660284 | 1.042499 | 2.368499 | .7284654 | .1098471 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 18.45789 | 86.80822 | .6471776 | .0132709 | 2.277812 | .4390448 | 1.310680 |
| #2 | 18.32772 | 86.77973 | .6491156 | .0130470 | 2.215324 | .4453968 | 1.313439 |
| #3 | 18.42166 | 87.65311 | .6519060 | .0132978 | 2.173210 | .4431780 | 1.311338 |

|        |          |         |          |          |          |          |          |
|--------|----------|---------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496  | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm     | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 27.47905 | ^ ***** | .0042038 | .0361291 | 3.621275 | .6064291 | .7882267 |
| Stddev | .08822   | -----   | .0003850 | .0019908 | .004564  | .0087028 | .0059246 |
| %RSD   | .3210568 | -----   | 9.157147 | 5.510254 | .1260233 | 1.435091 | .7516422 |

|    |          |         |          |          |          |          |          |
|----|----------|---------|----------|----------|----------|----------|----------|
| #1 | 27.44057 | ^ ----- | .0038713 | .0351246 | 3.621145 | .6151147 | .7939438 |
| #2 | 27.57998 | ^ ----- | .0046256 | .0384221 | 3.616778 | .6064632 | .7886220 |
| #3 | 27.41660 | ^ ----- | .0041145 | .0348407 | 3.625903 | .5977092 | .7821143 |

Sample Name: P1877-01      Acquired: 3/28/2024 16:54:43      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0576929 | .0663232 | -.286474 | Z ***** |
| Stddev | .0004629 | .0005137 | .000995  | -----   |
| %RSD   | .8022716 | .7745727 | .3472058 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .0576716 | .0668829 | -.285331 | Z 6238.090 |
| #2 | .0581661 | .0662137 | -.287149 | Z 6250.900 |
| #3 | .0572411 | .0658731 | -.286941 | Z 6238.794 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4393.499 | 107826.2 | 18035.18 | 3490.592 | 4175.334 |
| Stddev    | 10.256   | 98.2     | 94.33    | 10.588   | 10.628   |
| %RSD      | .2334287 | .0910733 | .5230510 | .3033241 | .2545371 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4403.737 | 107915.7 | 18046.06 | 3502.794 | 4186.114 |
| #2 | 4393.534 | 107841.8 | 18123.61 | 3485.164 | 4175.023 |
| #3 | 4383.226 | 107721.1 | 17935.89 | 3483.820 | 4164.865 |

Sample Name: LR1      Acquired: 3/28/2024 16:59:20      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: LR1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0366222 | -.080625 | -.004557 | -.064548 | .0060311 | 1922.673 |
| Stddev | .0038317 | .008365  | .009871  | .012452  | .0060560 | 19.837   |
| %RSD   | 10.46274 | 10.37473 | 216.5928 | 19.29070 | 100.4127 | 1.031716 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0334402 | -.081549 | .004175  | -.074279 | -.000961 | 1899.867 |
| #2 | .0408755 | -.088489 | -.015268 | -.068849 | .009588  | 1932.231 |
| #3 | .0355508 | -.071837 | -.002579 | -.050516 | .009466  | 1935.920 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0018150 | .0080930 | .0406475 | 1624.554 | -.083636 | .0538426 |
| Stddev | .0048665 | .0000953 | .0059127 | 11.511   | .000639  | .0023727 |
| %RSD   | 268.1231 | 1.177874 | 14.54626 | .7085392 | .7643636 | 4.406754 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0073940 | .0081575 | .0389383 | 1612.500 | -.084372 | .0528382 |
| #2 | -.000392 | .0079835 | .0472265 | 1625.733 | -.083216 | .0565523 |
| #3 | -.001557 | .0081380 | .0357777 | 1635.430 | -.083320 | .0521373 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.003492 | 927.4775 | .0287145 | 1670.774 | .0673368 | .0176655 |
| Stddev | .012736  | 2.5034   | .0426370 | 7.040    | .0018703 | .0003992 |
| %RSD   | 364.7466 | .2699140 | 148.4859 | .4213773 | 2.777571 | 2.259699 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.008827 | 928.3850 | .0776340 | 1663.258 | .0656343 | .0172124 |
| #2 | .011044  | 929.4006 | .0090590 | 1671.846 | .0693388 | .0179653 |
| #3 | -.012692 | 924.6469 | -.000549 | 1677.216 | .0670372 | .0178188 |

|        |          |          |          |            |         |          |
|--------|----------|----------|----------|------------|---------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664     | B_2496  | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm     | ppm      |
| Avg    | 1808.192 | .0225110 | .1496994 | F 1469.343 | ^ ***** | .0005079 |
| Stddev | 13.536   | .0010224 | .0015264 | 10.477     | ----    | .0015732 |
| %RSD   | .7486099 | 4.541654 | 1.019641 | .7130542   | ----    | 309.7496 |

|    |          |          |          |          |        |          |
|----|----------|----------|----------|----------|--------|----------|
| #1 | 1821.325 | .0236886 | .1510265 | 1477.719 | ^ ---- | -.000116 |
| #2 | 1808.965 | .0218501 | .1480313 | 1457.595 | ^ ---- | .002297  |
| #3 | 1794.285 | .0219943 | .1500404 | 1472.716 | ^ ---- | -.000658 |

Sample Name: LR1      Acquired: 3/28/2024 16:59:20      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: LR1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0182220 | -.029756 | -.944819 | .0057970 | -.166507 | .0488089 |
| Stddev | .0069735 | .011087  | .009353  | .0004970 | .001070  | .0003876 |
| %RSD   | 38.26964 | 37.25971 | .9899617 | 8.573550 | .6423493 | .7940689 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0114692 | -.017131 | -.937928 | .0063708 | -.165309 | .0489377 |
| #2 | .0253969 | -.034231 | -.955467 | .0055001 | -.166846 | .0483733 |
| #3 | .0177998 | -.037906 | -.941062 | .0055202 | -.167367 | .0491156 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | -.919854 | Z ***** |
| Stddev | .002262  | -----   |
| %RSD   | .2459094 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | -.919760 | Z 4681.107 |
| #2 | -.922162 | Z 4713.996 |
| #3 | -.917640 | Z 4671.355 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2117.337 | 53093.83 | 10238.84 | 1666.097 | 2441.029 |
| Stddev    | 51.685   | 156.70   | 48.99    | 9.614    | 64.668   |
| %RSD      | 2.441039 | .2951294 | .4784971 | .5770289 | 2.649199 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2137.846 | 53082.49 | 10280.37 | 1672.574 | 2456.759 |
| #2 | 2058.545 | 53255.89 | 10251.34 | 1670.667 | 2369.947 |
| #3 | 2155.620 | 52943.11 | 10184.80 | 1655.051 | 2496.381 |

Sample Name: LR2      Acquired: 3/28/2024 17:10:25      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: LR2      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                    |                   |                 |                   |
|--------|-----------------|-----------------|--------------------|-------------------|-----------------|-------------------|
| Elem   | As1890          | Tl1908          | Pb2203             | Se1960            | Sb2068          | Al3961            |
| Units  | ppm             | ppm             | ppm                | ppm               | ppm             | ppm               |
| Avg    | <b>-.002805</b> | <b>-.035267</b> | <b>kF 24.40196</b> | <b>k -.029363</b> | <b>-.018107</b> | <b>k .2373382</b> |
| Stddev | .003354         | .001061         | .04219             | .006508           | .001821         | .0597309          |
| %RSD   | 119.5667        | 3.009060        | .1728863           | 22.16498          | 10.05532        | 25.16700          |

|    |          |          |                   |                   |          |                   |
|----|----------|----------|-------------------|-------------------|----------|-------------------|
| #1 | .001066  | -.034660 | 24.43330          | -.031794          | -.016742 | .2830241          |
| #2 | -.004832 | -.034648 | <b>k 24.35399</b> | <b>k -.021989</b> | -.017405 | <b>k .2592432</b> |
| #3 | -.004650 | -.036492 | 24.41858          | -.034306          | -.020175 | .1697473          |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>^F *****</b> | <b>-.000078</b> | <b>-.004733</b> | <b>.4105343</b> | <b>.0121046</b> | <b>.0033929</b> |
| Stddev | -----           | .000047         | .000034         | .0591067        | .0000874        | .0000342        |
| %RSD   | -----           | 60.00424        | .7168673        | 14.39751        | .7219501        | 1.006666        |

|    |                |          |          |          |          |          |
|----|----------------|----------|----------|----------|----------|----------|
| #1 | 88.59007       | -.000045 | -.004702 | .4689906 | .0120889 | .0034282 |
| #2 | <b>^ -----</b> | -.000059 | -.004727 | .4118144 | .0121987 | .0033906 |
| #3 | 90.99615       | -.000132 | -.004769 | .3507980 | .0120261 | .0033600 |

|        |                   |                 |                 |                 |                   |                 |
|--------|-------------------|-----------------|-----------------|-----------------|-------------------|-----------------|
| Elem   | Cu2247            | Fe2404          | Mn2576          | Mg2790          | Ni2316            | Ag3280          |
| Units  | ppm               | ppm             | ppm             | ppm             | ppm               | ppm             |
| Avg    | <b>k 248.9778</b> | <b>.3650065</b> | <b>43.79015</b> | <b>.0489767</b> | <b>F 43.55411</b> | <b>.0048352</b> |
| Stddev | 1.0846            | .0705258        | .43238          | .0378182        | .12398            | .0002103        |
| %RSD   | .4356222          | 19.32180        | .9873984        | 77.21685        | .2846573          | 4.349388        |

|    |                   |          |          |          |          |          |
|----|-------------------|----------|----------|----------|----------|----------|
| #1 | 249.9731          | .4359111 | 43.32363 | .0905679 | 43.66135 | .0049908 |
| #2 | <b>k 247.8218</b> | .3642429 | 44.17744 | .0397068 | 43.41835 | .0045959 |
| #3 | 249.1385          | .2948656 | 43.86938 | .0166553 | 43.58262 | .0049188 |

|        |                 |                 |                    |                 |                 |                 |
|--------|-----------------|-----------------|--------------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138             | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm                | ppm             | ppm             | ppm             |
| Avg    | <b>.4719740</b> | <b>-.014959</b> | <b>kF 20.45663</b> | <b>.3816314</b> | <b>-.013183</b> | <b>-.000801</b> |
| Stddev | .0841322        | .000826         | .21231             | .0612354        | .000829         | .000255         |
| %RSD   | 17.82560        | 5.520891        | 1.037835           | 16.04570        | 6.285479        | 31.75931        |

|    |          |          |                   |          |          |          |
|----|----------|----------|-------------------|----------|----------|----------|
| #1 | .5638001 | -.014675 | 20.48452          | .4522367 | -.012258 | -.000963 |
| #2 | .4535236 | -.014312 | <b>k 20.65361</b> | .3496368 | -.013430 | -.000933 |
| #3 | .3985983 | -.015889 | 20.23176          | .3430207 | -.013859 | -.000508 |

Sample Name: LR2      Acquired: 3/28/2024 17:10:25      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: LR2      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                   |                 |                 |
|--------|-----------------|-----------------|-----------------|-------------------|-----------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881          | P_1774            | S_1820          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm               | ppm             | ppm             |
| Avg    | <b>-.000584</b> | <b>-.031371</b> | <b>-.001511</b> | <b>k -.115010</b> | <b>-.191516</b> | <b>-.002036</b> |
| Stddev | .000882         | .002150         | .003419         | .120493           | .002105         | .000329         |
| %RSD   | 151.0836        | 6.853116        | 226.3487        | 104.7678          | 1.099188        | 16.18389        |

|    |                 |                 |                 |                  |                 |                 |
|----|-----------------|-----------------|-----------------|------------------|-----------------|-----------------|
| #1 | <b>-.001585</b> | <b>-.028963</b> | <b>.000443</b>  | <b>-.184350</b>  | <b>-.189207</b> | <b>-.001727</b> |
| #2 | <b>-.000243</b> | <b>-.032054</b> | <b>-.005458</b> | <b>k .024124</b> | <b>-.193328</b> | <b>-.001999</b> |
| #3 | <b>.000077</b>  | <b>-.033097</b> | <b>.000484</b>  | <b>-.184802</b>  | <b>-.192013</b> | <b>-.002383</b> |

|        |                 |                |
|--------|-----------------|----------------|
| Elem   | Sr4077          | Ce4040         |
| Units  | ppm             | Cts/S          |
| Avg    | <b>-.002927</b> | <b>z *****</b> |
| Stddev | .000452         | -----          |
| %RSD   | 15.44663        | -----          |

|    |                 |                   |
|----|-----------------|-------------------|
| #1 | <b>-.002447</b> | <b>z 1917.000</b> |
| #2 | <b>-.002991</b> | <b>z 1931.857</b> |
| #3 | <b>-.003344</b> | <b>z 1930.722</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3339.194</b> | <b>83666.59</b> | <b>13058.32</b> | <b>2665.106</b> | <b>4969.389</b> |
| Stddev    | 1.582           | 118.75          | 76.55           | 5.874           | 5.233           |
| %RSD      | .0473832        | .1419303        | .5862545        | .2204215        | .1053103        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3337.386</b> | <b>83529.85</b> | <b>13146.41</b> | <b>2662.014</b> | <b>4966.332</b> |
| #2 | <b>3339.877</b> | <b>83743.76</b> | <b>13007.92</b> | <b>2661.424</b> | <b>4975.431</b> |
| #3 | <b>3340.321</b> | <b>83726.17</b> | <b>13020.62</b> | <b>2671.881</b> | <b>4966.402</b> |

Sample Name: CCV05      Acquired: 3/28/2024 17:15:10      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV05      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.761982 | 4.615397 | 4.757125 | 4.699578 | 4.824447 | 9.754890 | 10.24648 |
| Stddev | .009569  | .072788  | .007997  | .006725  | .012010  | .040757  | .20899   |
| %RSD   | .2009421 | 1.577066 | .1681136 | .1430923 | .2489451 | .4178150 | 2.039600 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.755016 | 4.659957 | 4.765712 | 4.707292 | 4.827619 | 9.776056 | 10.47726 |
| #2 | 4.758038 | 4.654833 | 4.755774 | 4.694953 | 4.811169 | 9.780709 | 10.19218 |
| #3 | 4.772893 | 4.531401 | 4.749889 | 4.696487 | 4.834553 | 9.707904 | 10.07001 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2561943 | 2.350430 | 25.45815 | .9681020 | 2.381051 | 1.235907 | 5.074085 |
| Stddev | .0036779 | .005489  | .10860   | .0467606 | .004620  | .002802  | .200914  |
| %RSD   | 1.435598 | .2335384 | .4266007 | 4.830135 | .1940305 | .2267477 | 3.959616 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2526008 | 2.353820 | 25.34460 | .9265864 | 2.384925 | 1.239117 | 4.948939 |
| #2 | .2599512 | 2.353374 | 25.56102 | 1.018758 | 2.382291 | 1.233947 | 5.305834 |
| #3 | .2560311 | 2.344097 | 25.46882 | .958962  | 2.375938 | 1.234659 | 4.967484 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.504698 | 24.04624 | 2.372088 | 1.270779 | 23.95958 | 2.405998 | 2.591241 |
| Stddev | .020899  | .10627   | .004724  | .066568  | .98149   | .008197  | .134735  |
| %RSD   | .8343967 | .4419524 | .1991422 | 5.238329 | 4.096429 | .3406999 | 5.199629 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.524808 | 23.96665 | 2.376151 | 1.218107 | 23.19134 | 2.396922 | 2.473256 |
| #2 | 2.506196 | 24.16692 | 2.373209 | 1.345597 | 25.06528 | 2.412862 | 2.738058 |
| #3 | 2.483091 | 24.00515 | 2.366905 | 1.248633 | 23.62212 | 2.408210 | 2.562410 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.69986 | 5.006148 | 4.873603 | 4.757596 | 5.107884 | 4.685827 | 4.765052 |
| Stddev | 1.03663  | .066537  | .006762  | .007161  | .017641  | .221359  | .040109  |
| %RSD   | 4.196918 | 1.329110 | .1387509 | .1505070 | .3453641 | 4.724018 | .8417368 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 23.85563 | 4.946263 | 4.881044 | 4.761386 | 5.088313 | 4.481571 | 4.806283 |
| #2 | 25.85687 | 5.077774 | 4.871931 | 4.762066 | 5.122560 | 4.921032 | 4.762706 |
| #3 | 24.38709 | 4.994407 | 4.867834 | 4.749337 | 5.112781 | 4.654879 | 4.726168 |

Sample Name: CCV05      Acquired: 3/28/2024 17:15:10      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV05      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 4.614429 | 4.732305 | 5.035468 | Z ***** |
| Stddev | .022208  | .038568  | .017295  | -----   |
| %RSD   | .4812663 | .8149916 | .3434633 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 4.633109 | 4.744384 | 5.023175 | Z 22356.27 |
| #2 | 4.620304 | 4.763387 | 5.055245 | Z 22581.47 |
| #3 | 4.589875 | 4.689143 | 5.027986 | Z 22372.04 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3359.338 | 77488.44 | 12720.75 | 2558.305 | 4511.195 |
| Stddev    | 4.276    | 3225.80  | 51.90    | 100.483  | 5.946    |
| %RSD      | .1272811 | 4.162945 | .4079806 | 3.927735 | .1318012 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3356.653 | 80126.75 | 12774.56 | 2636.100 | 4504.559 |
| #2 | 3364.269 | 73892.16 | 12671.00 | 2444.857 | 4512.987 |
| #3 | 3357.093 | 78446.42 | 12716.71 | 2593.959 | 4516.038 |

Sample Name: CCB05      Acquired: 3/28/2024 17:19:37      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB05      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | -.000361 | -.001353 | .0005427 | -.000392 | -.000490 | F .2815673 |
| Stddev | .000835  | .000599  | .0005592 | .002724  | .000191  | .1352190   |
| %RSD   | 231.4841 | 44.24457 | 103.0282 | 694.6006 | 38.91435 | 48.02369   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000562 | -.001162 | .0009294 | .000819  | -.000484 | .4274454 |
| #2 | -.001077 | -.002024 | -.000098 | -.003512 | -.000683 | .2568344 |
| #3 | .000557  | -.000873 | .000797  | .001516  | -.000302 | .1604220 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0156435 | -.000052 | -.000159 | .2570193 | -.000079 | -.000157 |
| Stddev | .0168669 | .000057  | .000064  | .1599890 | .000068  | .000054  |
| %RSD   | 107.8200 | 109.7144 | 39.94652 | 62.24787 | 86.90983 | 34.49174 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0342129 | .000011  | -.000100 | .4308416 | -.000016 | -.000135 |
| #2 | .0114456 | -.000067 | -.000226 | .2242917 | -.000069 | -.000219 |
| #3 | .0012721 | -.000099 | -.000151 | .1159247 | -.000152 | -.000117 |

|        |          |            |            |          |          |          |
|--------|----------|------------|------------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404     | Mn2576     | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm        | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0028458 | F .3264315 | F .0131913 | .2093335 | .0004533 | .0002355 |
| Stddev | .0007069 | .1601837   | .0086904   | .1386339 | .0001750 | .0000879 |
| %RSD   | 24.84157 | 49.07114   | 65.87980   | 66.22631 | 38.60653 | 37.34257 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0036473 | .5004900 | .0226664 | .3637094 | .0006554 | .0003303 |
| #2 | .0023111 | .2935919 | .0113155 | .1688252 | .0003571 | .0002196 |
| #3 | .0025790 | .1852125 | .0055920 | .0954659 | .0003476 | .0001566 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3026731 | -.000308 | .0009708 | .1305237 | -.007014 | .0002094 |
| Stddev | .1808395 | .002903  | .0008143 | .0948888 | .001736  | .0003217 |
| %RSD   | 59.74746 | 942.1463 | 83.88238 | 72.69852 | 24.74533 | 153.6819 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4983047 | .003036  | .0019107 | .2393407 | -.005067 | .0005794 |
| #2 | .2680956 | -.001775 | .0005254 | .0872068 | -.007576 | .0000528 |
| #3 | .1416188 | -.002185 | .0004763 | .0650236 | -.008399 | -.000004 |

Sample Name: CCB05      Acquired: 3/28/2024 17:19:37      Type: Unk  
Method: NON EPA-6010-200.7(v2215)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB05      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Sn1899          | Ti3361          | Si2881          | P_1774          | S_1820          | Li6707          |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000454</b> | <b>.0085672</b> | <b>.0111582</b> | <b>-.000149</b> | <b>-.000404</b> | <b>.0019240</b> |
| Stddev | .000119         | .0079418        | .0100799        | .000284         | .000105         | .0046033        |
| %RSD   | 26.32362        | 92.70014        | 90.33665        | 190.4304        | 26.09106        | 239.2613        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000481</b> | <b>.0174292</b> | <b>.0226500</b> | <b>.000153</b>  | <b>-.000519</b> | <b>.0070449</b> |
| #2 | <b>-.000557</b> | <b>.0061783</b> | <b>.0070116</b> | <b>-.000189</b> | <b>-.000383</b> | <b>.0005977</b> |
| #3 | <b>-.000323</b> | <b>.0020940</b> | <b>.0038129</b> | <b>-.000411</b> | <b>-.000311</b> | <b>-.001871</b> |

| Elem   | Sr4077          | Ce4040         |
|--------|-----------------|----------------|
| Units  | ppm             | Cts/S          |
| Avg    | <b>.0024296</b> | <b>z *****</b> |
| Stddev | .0049977        | -----          |
| %RSD   | 205.6992        | -----          |

|    |                 |                   |
|----|-----------------|-------------------|
| #1 | <b>.0079712</b> | <b>z 1744.134</b> |
| #2 | <b>.0010536</b> | <b>z 1750.266</b> |
| #3 | <b>-.001736</b> | <b>z 1755.844</b> |

| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3655.320</b> | <b>88662.99</b> | <b>13027.38</b> | <b>2889.778</b> | <b>5484.972</b> |
| Stddev    | 5.457           | 212.94          | 119.13          | 10.019          | 5.209           |
| %RSD      | .1492851        | .2401630        | .9144648        | .3467137        | .0949688        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3658.875 | 88755.85 | 13163.08 | 2882.587 | 5478.960 |
| #2 | 3658.047 | 88419.39 | 12979.04 | 2885.524 | 5487.827 |
| #3 | 3649.037 | 88813.73 | 12940.02 | 2901.222 | 5488.129 |