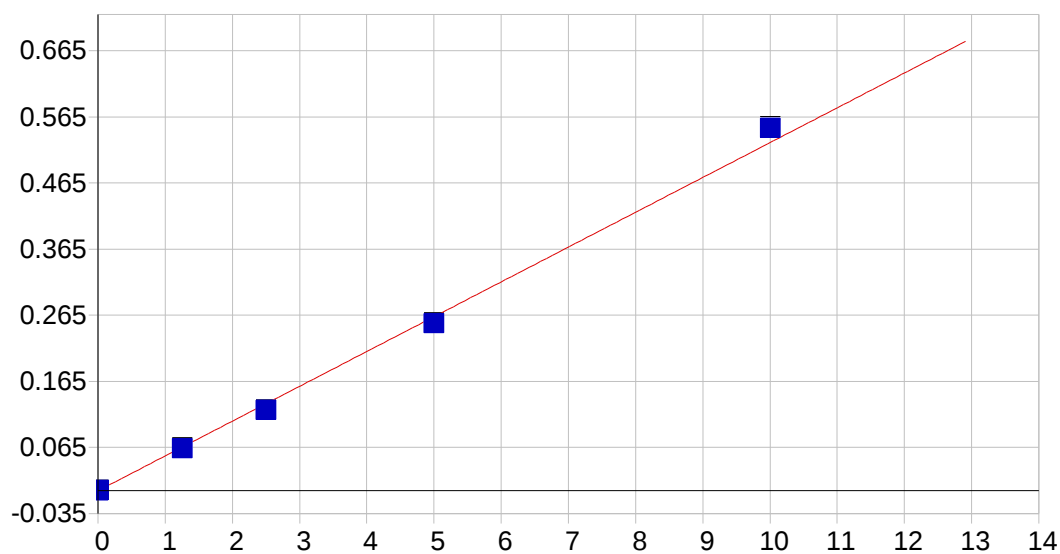


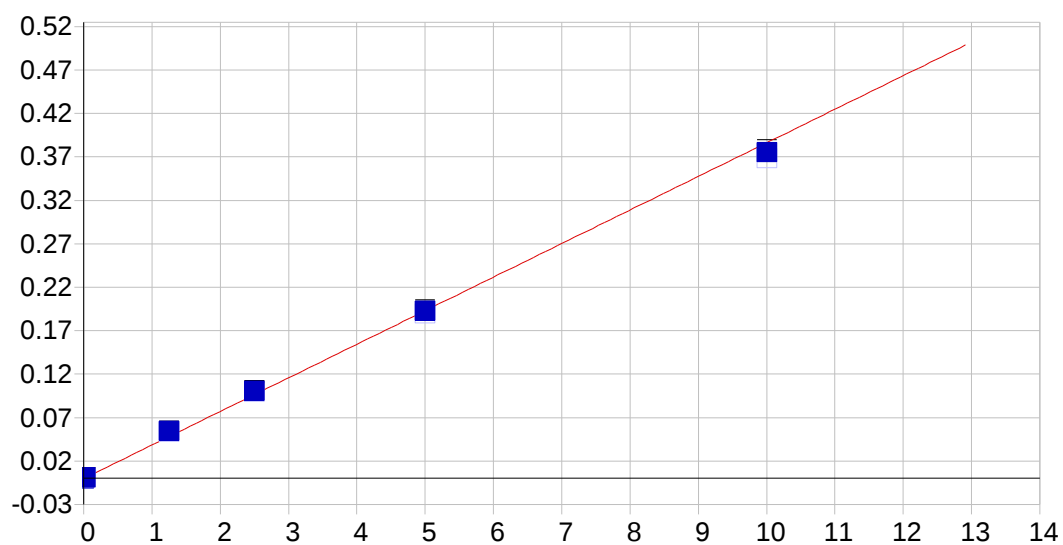


As 189.042 {479}

Date of Fit: 9/29/2017 13:42:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000250 Re-Slope: 1.000000
 A1 (Gain): 0.052653 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998933 Status: OK.
 Std Error of Est: 0.000041
 Predicted MDL: 0.004474
 Predicted MQL: 0.014914

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00025	.000	1
S1	.01000	.01185	.002	18.5	.00037	.000	1
S2	1.2500	1.2109	-.039	-3.13	.06349	.001	1
S3	2.5000	2.3139	-.186	-7.44	.12155	.001	1
S4	5.0000	4.8079	-.192	-3.84	.25283	.001	1
S5	10.000	10.415	.415	4.15	.54801	.002	1



TI 190.856 {477}

Date of Fit: 9/29/2017 13:42:27

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000182

Re-Slope: 1.000000

A1 (Gain): 0.038646

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999066

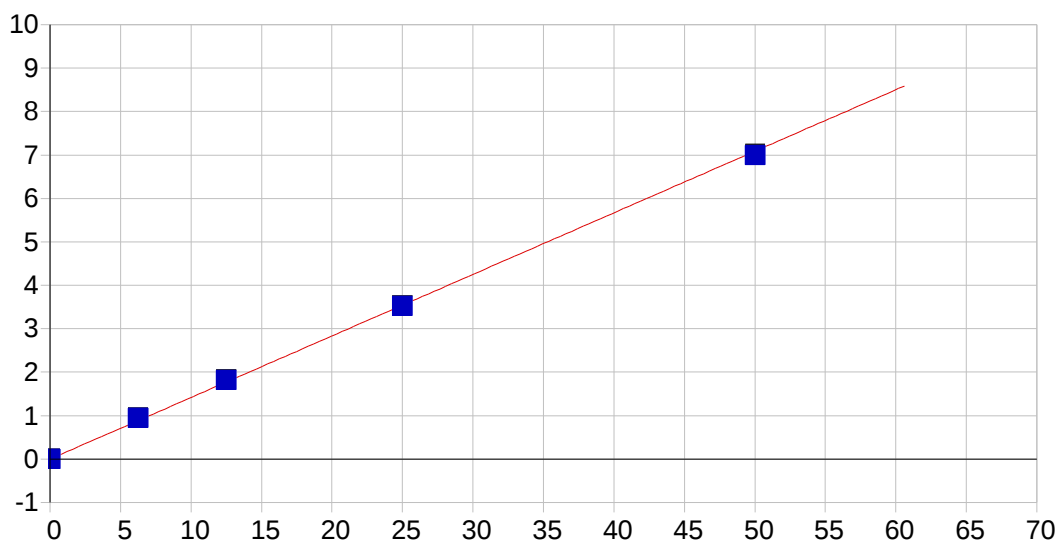
Status: OK.

Std Error of Est: 0.000044

Predicted MDL: 0.002886

Predicted MQL: 0.009620

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00018	.000	1
S1	.02500	.02588	.001	3.53	.00074	.000	1
S2	1.2500	1.4096	.160	12.8	.05342	.000	1
S3	2.5000	2.6172	.117	4.69	.09921	.000	1
S4	5.0000	5.0038	.004	.076	.18968	.001	1
S5	10.000	9.7185	-.281	-2.81	.36838	.003	1

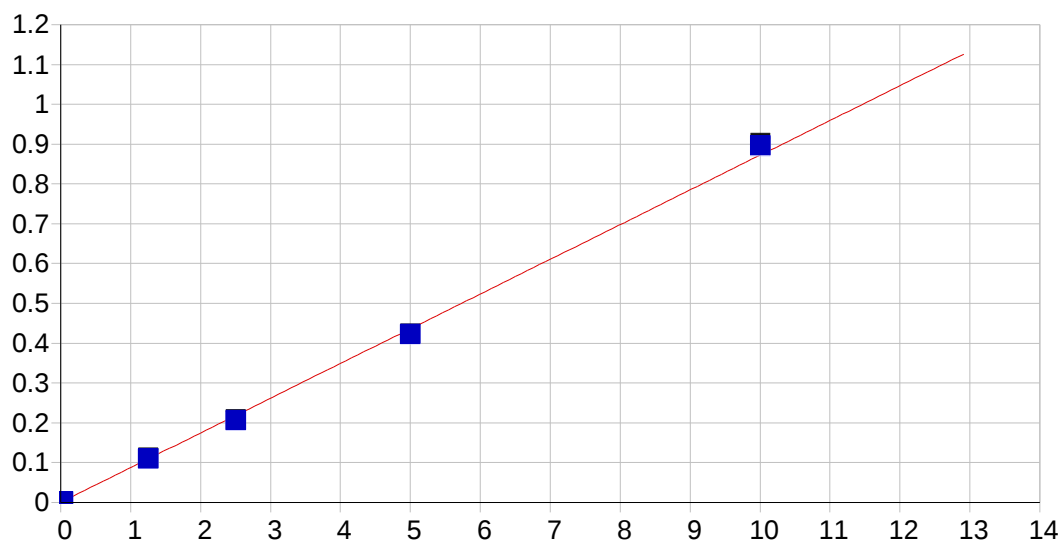


Pb 220.353 {453}

Date of Fit: 9/29/2017 13:42:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000261 Re-Slope: 1.000000
 A1 (Gain): 0.141719 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999732 Status: OK.
 Std Error of Est: 0.000123
 Predicted MDL: 0.001828
 Predicted MQL: 0.006093

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00026	.000	1
S1	.01000	.01057	.001	5.68	.00124	.000	1
S2	6.2500	6.6997	.450	7.20	.94948	.002	1
S3	12.500	12.834	.334	2.67	1.8191	.008	1
S4	25.000	24.852	-.148	-.592	3.5228	.007	1
S5	50.000	49.364	-.636	-1.27	6.9976	.026	1

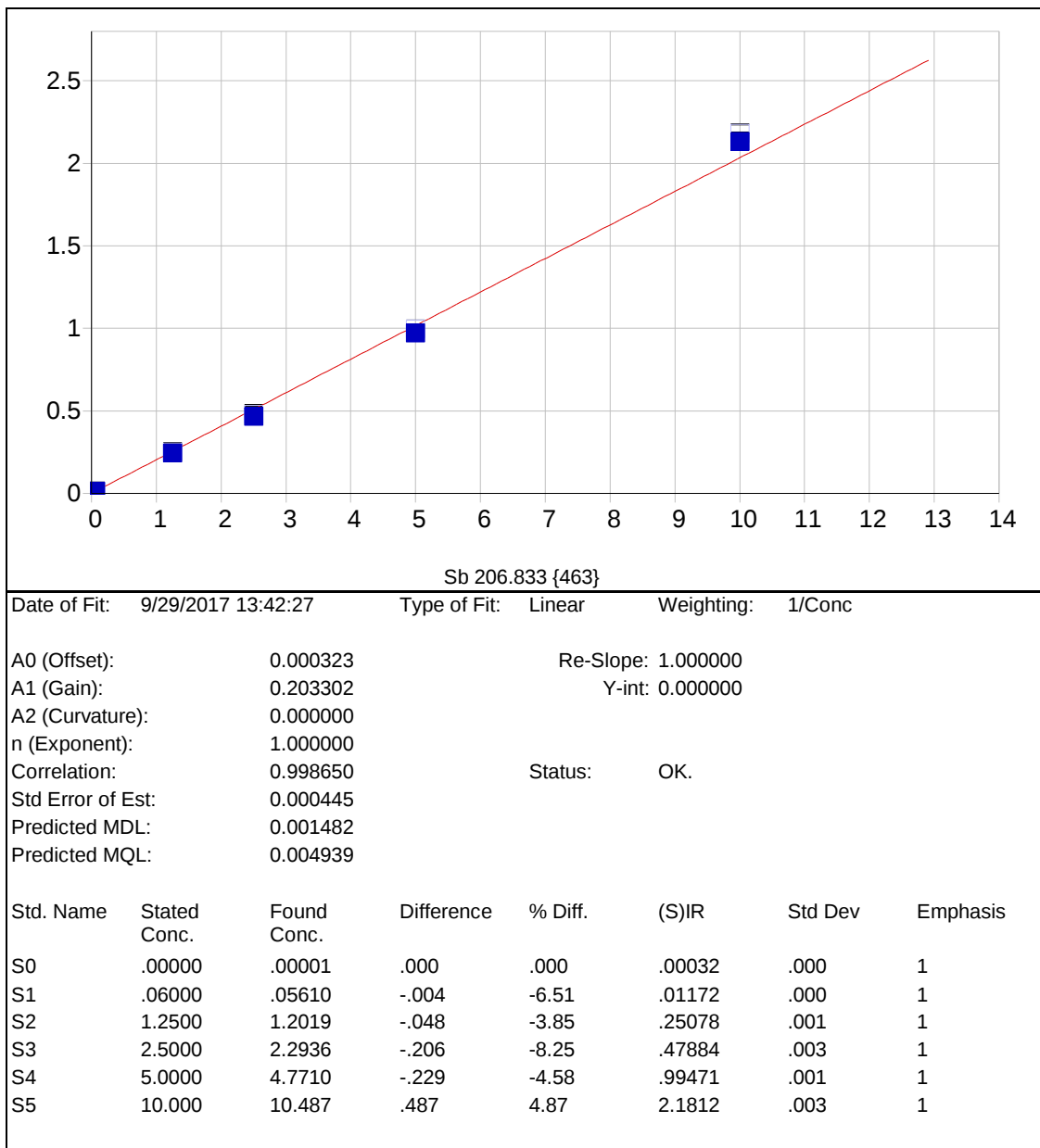


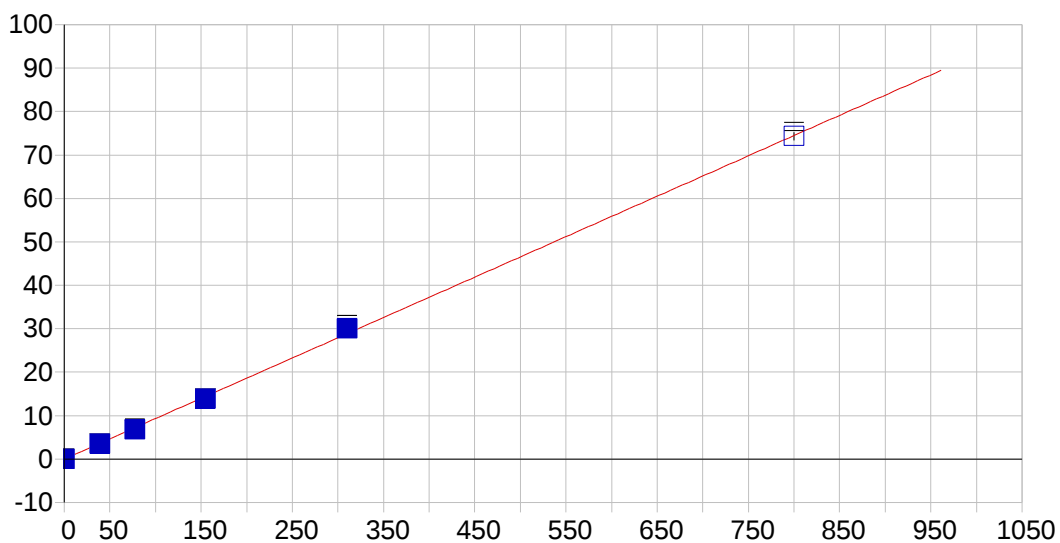
Se 196.090 {472}

Date of Fit: 9/29/2017 13:42:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000362 Re-Slope: 1.000000
 A1 (Gain): 0.087191 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999444 Status: OK.
 Std Error of Est: 0.000091
 Predicted MDL: 0.003242
 Predicted MQL: 0.010805

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00036	.000	1
S1	.03500	.03333	-.002	-4.77	.00327	.000	1
S2	1.2500	1.2554	.005	.431	.10942	.002	1
S3	2.5000	2.3607	-.139	-5.57	.20539	.002	1
S4	5.0000	4.8481	-.152	-3.04	.42146	.000	1
S5	10.000	10.288	.288	2.88	.89412	.005	1



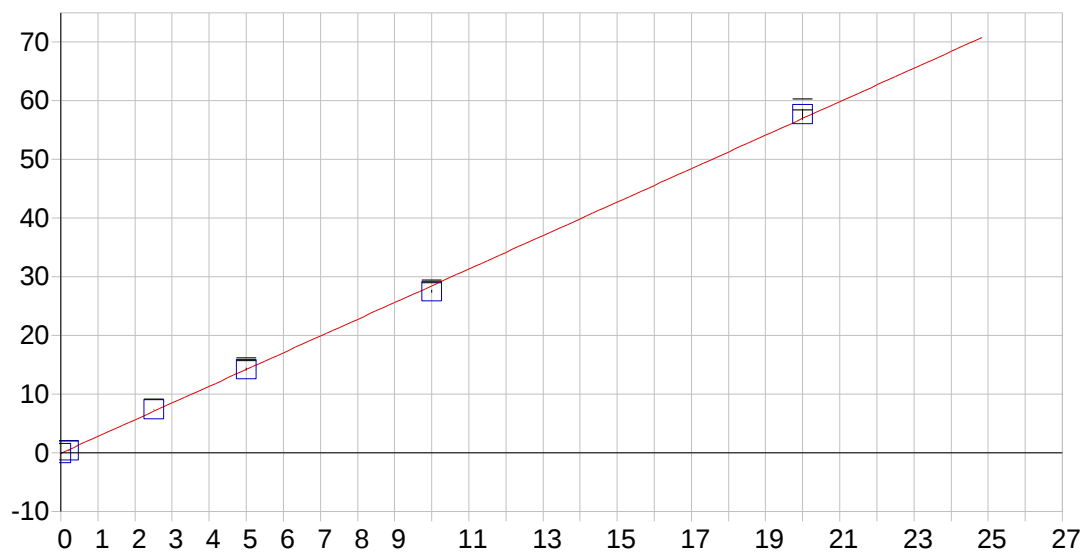


AI 396.152 { 85}

Date of Fit: 9/29/2017 13:42:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000120 Re-Slope: 1.000000
 A1 (Gain): 0.093094 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999613 Status: OK.
 Std Error of Est: 0.001610
 Predicted MDL: 0.003343
 Predicted MQL: 0.011143

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00012	.000	1
S1	.20000	.17513	-.025	-12.4	.01646	.000	1
S2	38.750	37.350	-1.40	-3.61	3.4815	.009	1
S3	77.500	73.551	-3.95	-5.10	6.8559	.127	1
S4	155.00	148.90	-6.10	-3.94	13.879	.045	1
S5	310.00	323.30	13.3	4.29	30.132	.723	1
S6	800.00	798.18	-1.82	-.228	74.306	.996	1

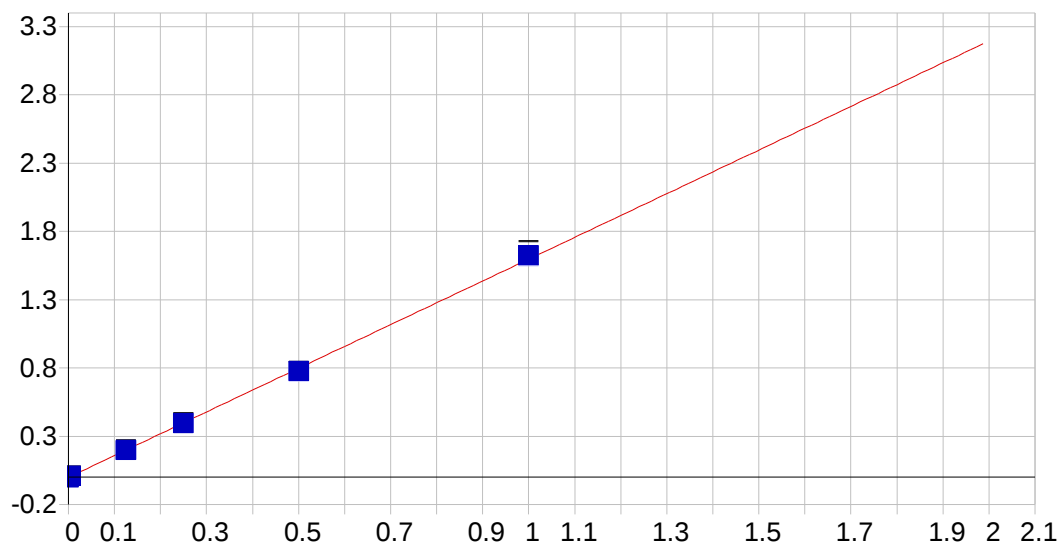


Ba 493.409 { 68}

Date of Fit: 9/29/2017 13:42:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.062599 Re-Slope: 1.000000
 A1 (Gain): 2.853205 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999604 Status: OK.
 Std Error of Est: 0.008541
 Predicted MDL: 0.000371
 Predicted MQL: 0.001236

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	-.06249	.001	1
S1	.20000	.15442	-.046	-22.8	.37799	.001	1
S2	2.5000	2.6209	.121	4.83	7.4153	.033	1
S3	5.0000	5.0187	.019	.373	14.257	.268	1
S4	10.000	9.6709	-.329	-3.29	27.530	.218	1
S5	20.000	20.235	.235	1.18	57.672	.942	1

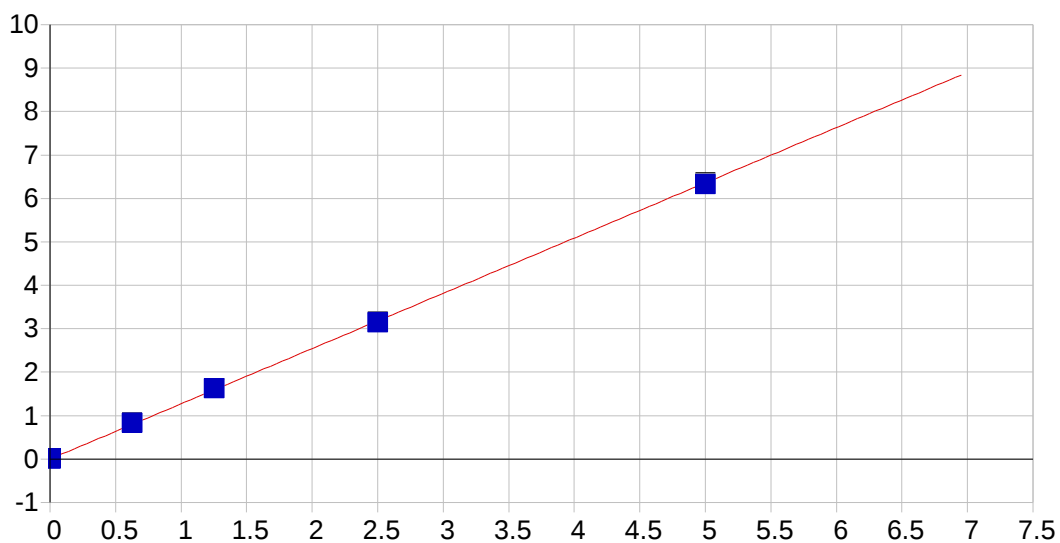


Be 234.861 {144}

Date of Fit: 9/29/2017 13:42:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001126 Re-Slope: 1.000000
 A1 (Gain): 1.598005 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999803 Status: OK.
 Std Error of Est: 0.000119
 Predicted MDL: 0.000099
 Predicted MQL: 0.000330

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00113	.000	1
S1	.00500	.00522	.000	4.38	.00721	.000	1
S2	.12500	.12508	.000	.067	.19809	.001	1
S3	.25000	.24787	-.002	-.853	.39362	.006	1
S4	.50000	.48529	-.015	-2.94	.77169	.002	1
S5	1.0000	1.0165	.017	1.65	1.6179	.036	1

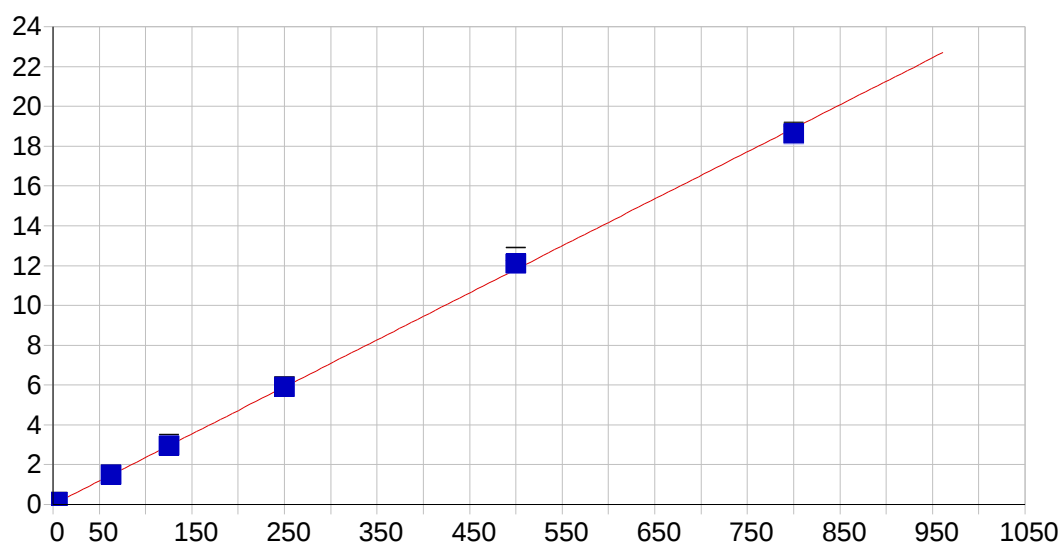


Cd 214.438 {457}

Date of Fit: 9/29/2017 13:42:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000463 Re-Slope: 1.000000
 A1 (Gain): 1.271849 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999872 Status: OK.
 Std Error of Est: 0.000171
 Predicted MDL: 0.000148
 Predicted MQL: 0.000495

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00046	.000	1
S1	.00500	.00521	.000	4.18	.00617	.000	1
S2	.62500	.65539	.030	4.86	.83496	.001	1
S3	1.2500	1.2749	.025	1.99	1.6247	.005	1
S4	2.5000	2.4749	-.025	-1.00	3.1548	.004	1
S5	5.0000	4.9696	-.030	-.609	6.3350	.033	1

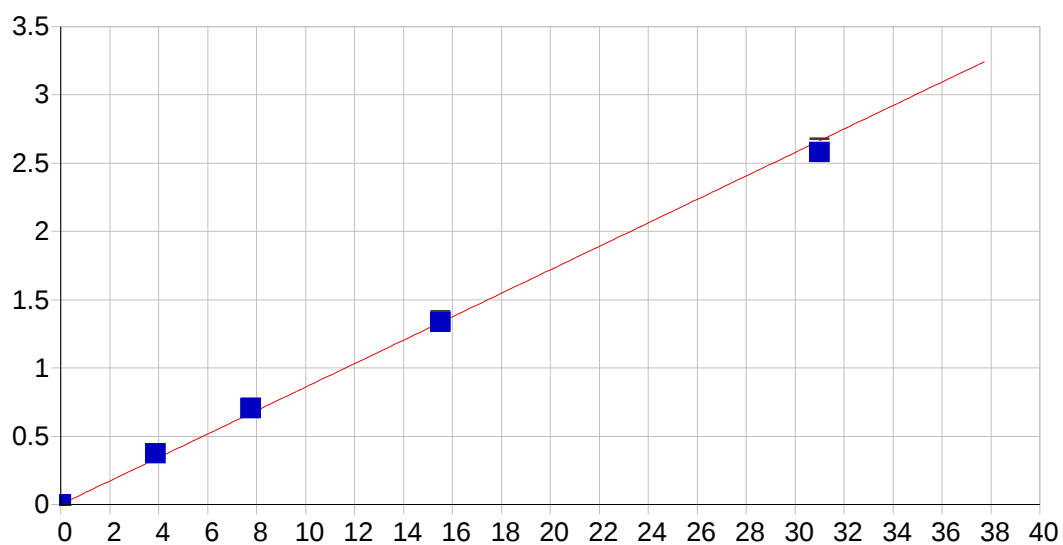


Ca 373.690 { 90}

Date of Fit: 9/29/2017 13:42:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000843 Re-Slope: 1.000000
 A1 (Gain): 0.023615 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999852 Status: OK.
 Std Error of Est: 0.001414
 Predicted MDL: 0.010558
 Predicted MQL: 0.035195

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00037	.000	.000	.00085	.000	1
S1	5.0000	4.5674	-.433	-8.65	.10870	.001	1
S2	62.500	62.699	.199	.318	1.4797	.006	1
S3	125.00	125.05	.051	.041	2.9504	.064	1
S4	250.00	249.80	-.200	-.080	5.8928	.031	1
S5	500.00	512.23	12.2	2.45	12.083	.328	1
S6	800.00	788.15	-11.9	-1.48	18.575	.089	1

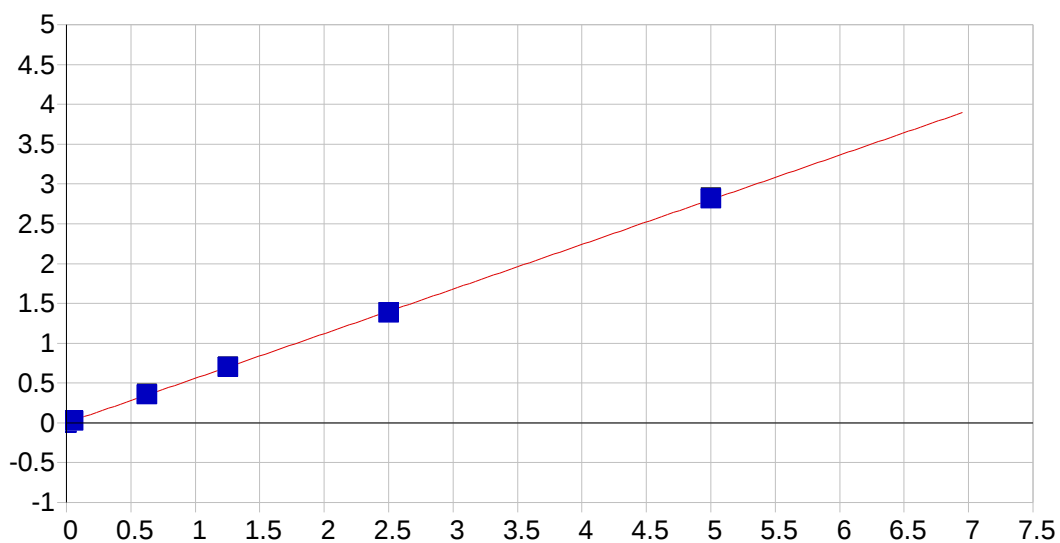


Cr 267.716 {126}

Date of Fit: 9/29/2017 13:42:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000049 Re-Slope: 1.000000
 A1 (Gain): 0.085939 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999036 Status: OK.
 Std Error of Est: 0.000112
 Predicted MDL: 0.000674
 Predicted MQL: 0.002248

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00005	.000	1
S1	.01000	.01064	.001	6.45	.00098	.000	1
S2	3.8750	4.3389	.464	12.0	.37379	.001	1
S3	7.7500	8.2053	.455	5.87	.70693	.002	1
S4	15.500	15.549	.049	.317	1.3398	.005	1
S5	31.000	30.031	-.969	-3.13	2.5878	.024	1

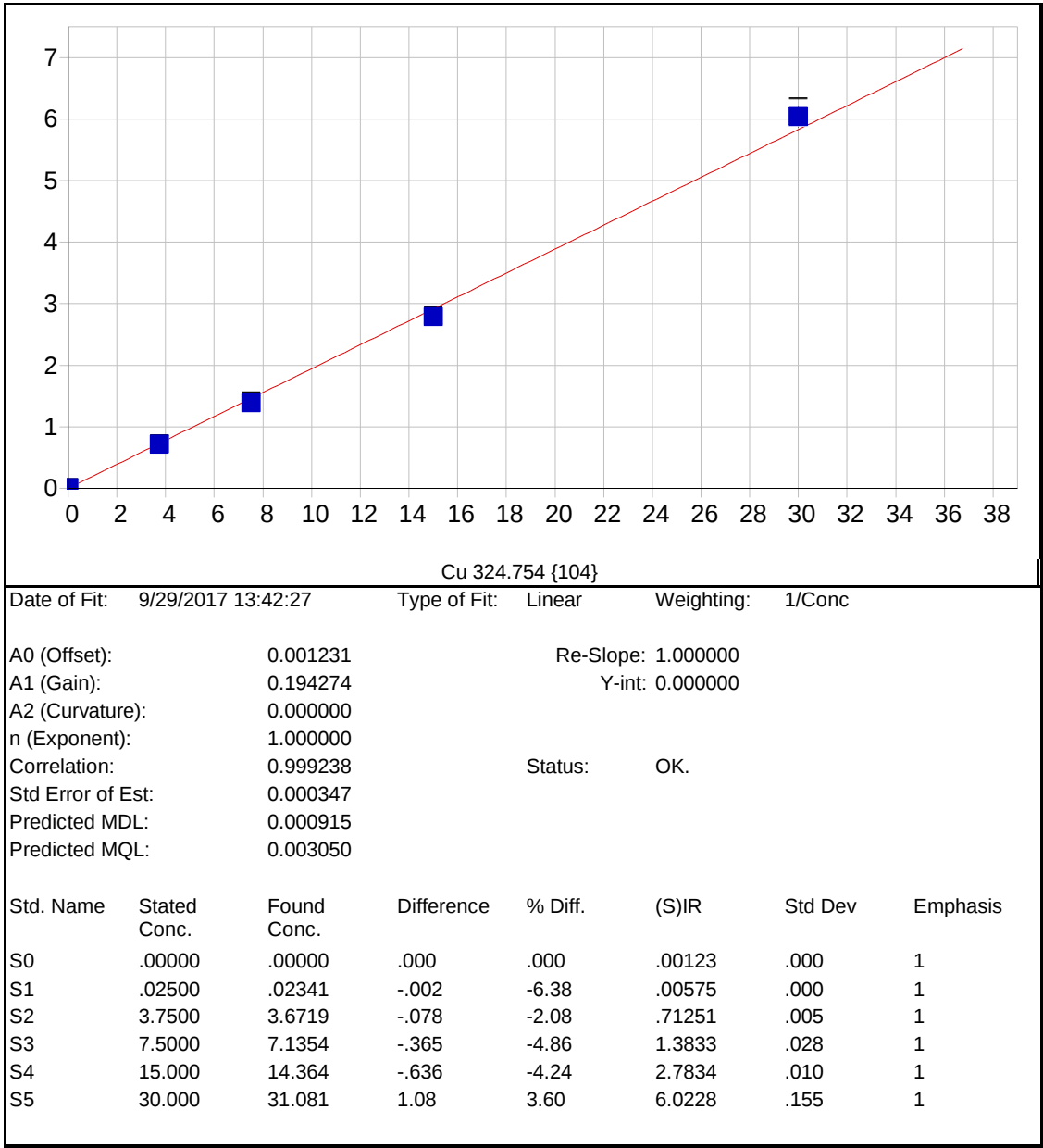


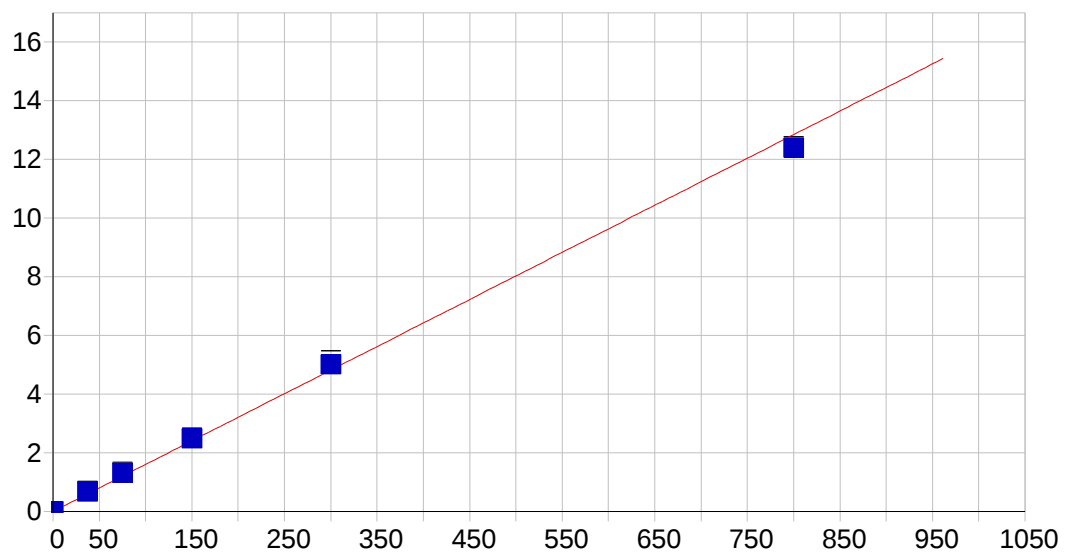
Co 228.616 {448}

Date of Fit: 9/29/2017 13:42:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000291 Re-Slope: 1.000000
 A1 (Gain): 0.560313 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999928 Status: OK.
 Std Error of Est: 0.000179
 Predicted MDL: 0.000312
 Predicted MQL: 0.001040

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00029	.000	1
S1	.05000	.04567	-.004	-8.65	.02540	.000	1
S2	.62500	.64098	.016	2.56	.35959	.001	1
S3	1.2500	1.2483	-.002	-.138	.70060	.002	1
S4	2.5000	2.4659	-.034	-1.36	1.3843	.003	1
S5	5.0000	5.0242	.024	.483	2.8207	.011	1



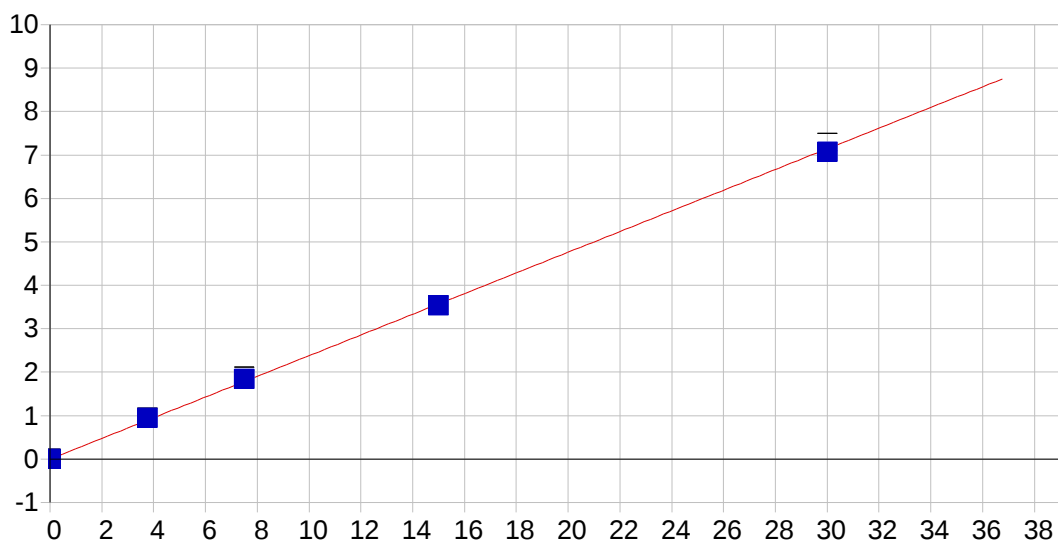


Fe 259.837 {130}

Date of Fit: 9/29/2017 13:42:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000137 Re-Slope: 1.000000
 A1 (Gain): 0.016060 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998973 Status: OK.
 Std Error of Est: 0.000318
 Predicted MDL: 0.006361
 Predicted MQL: 0.021203

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00014	.000	1
S1	.10000	.10944	.009	9.44	.00190	.000	1
S2	37.500	42.322	4.82	12.9	.68054	.003	1
S3	75.000	81.528	6.53	8.70	1.3109	.028	1
S4	150.00	155.20	5.20	3.47	2.4956	.004	1
S5	300.00	311.58	11.6	3.86	5.0099	.131	1
S6	800.00	771.84	-28.2	-3.52	12.402	.041	1

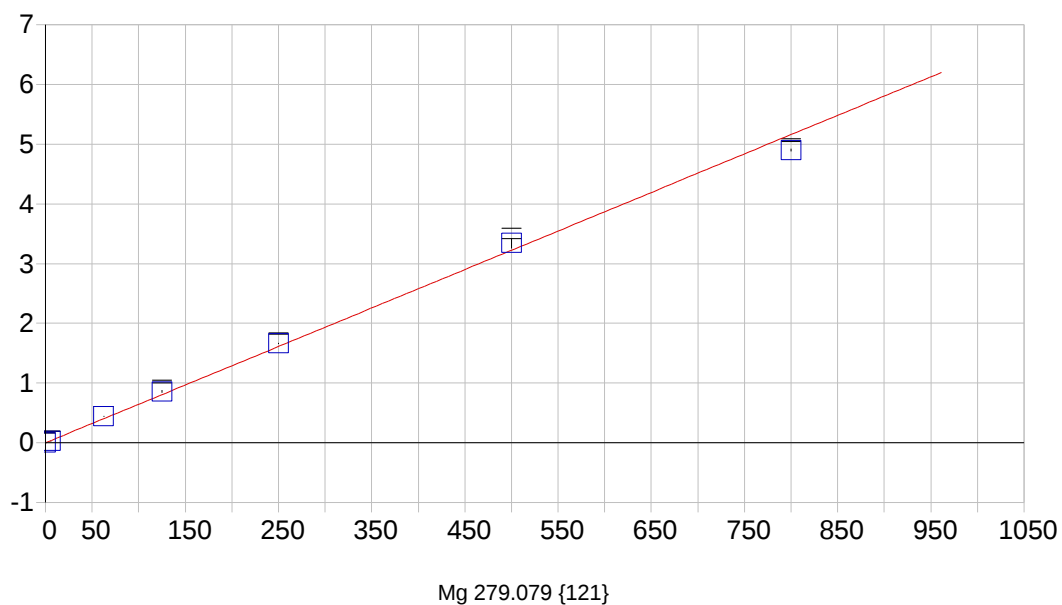


Mn 257.610 {131}

Date of Fit: 9/29/2017 13:42:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000047 Re-Slope: 1.000000
 A1 (Gain): 0.238097 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999755 Status: OK.
 Std Error of Est: 0.000188
 Predicted MDL: 0.000432
 Predicted MQL: 0.001441

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00005	.000	1
S1	.01500	.01547	.000	3.11	.00364	.000	1
S2	3.7500	3.9742	.224	5.98	.94640	.005	1
S3	7.5000	7.7592	.259	3.46	1.8478	.044	1
S4	15.000	14.818	-.182	-1.22	3.5288	.007	1
S5	30.000	29.698	-.302	-1.01	7.0726	.198	1



Date of Fit: 9/29/2017 13:42:27

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000079

Re-Slope: 1.000000

A1 (Gain): 0.006448

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998831

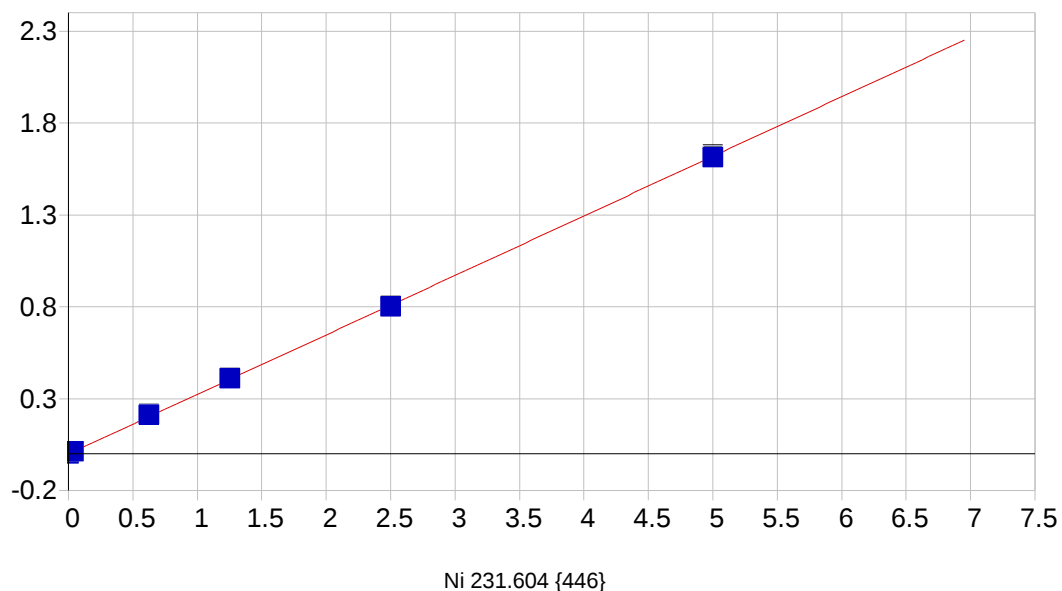
Status: OK.

Std Error of Est: 0.001089

Predicted MDL: 0.018259

Predicted MQL: 0.060863

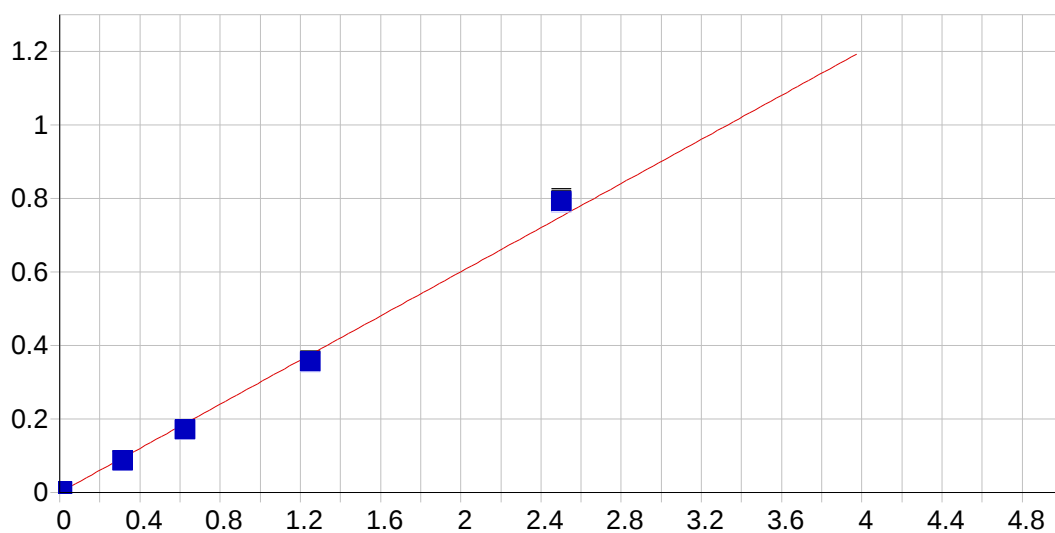
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00092	-.001	.000	-.00009	.000	1
S1	5.0000	5.0145	.014	.289	.03226	.000	1
S2	62.500	68.581	6.08	9.73	.44215	.001	1
S3	125.00	133.27	8.27	6.62	.85930	.020	1
S4	250.00	258.02	8.02	3.21	1.6637	.006	1
S5	500.00	517.99	18.0	3.60	3.3400	.088	1
S6	800.00	759.62	-40.4	-5.05	4.8981	.022	1



Date of Fit: 9/29/2017 13:42:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000615 Re-Slope: 1.000000
 A1 (Gain): 0.323748 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999860 Status: OK.
 Std Error of Est: 0.000129
 Predicted MDL: 0.000558
 Predicted MQL: 0.001860

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00062	.000	1
S1	.04000	.03885	-.001	-2.88	.01198	.000	1
S2	.62500	.66093	.036	5.75	.21443	.001	1
S3	1.2500	1.2634	.013	1.07	.41052	.001	1
S4	2.5000	2.4706	-.029	-1.18	.80350	.001	1
S5	5.0000	4.9813	-.019	-.375	1.6206	.007	1

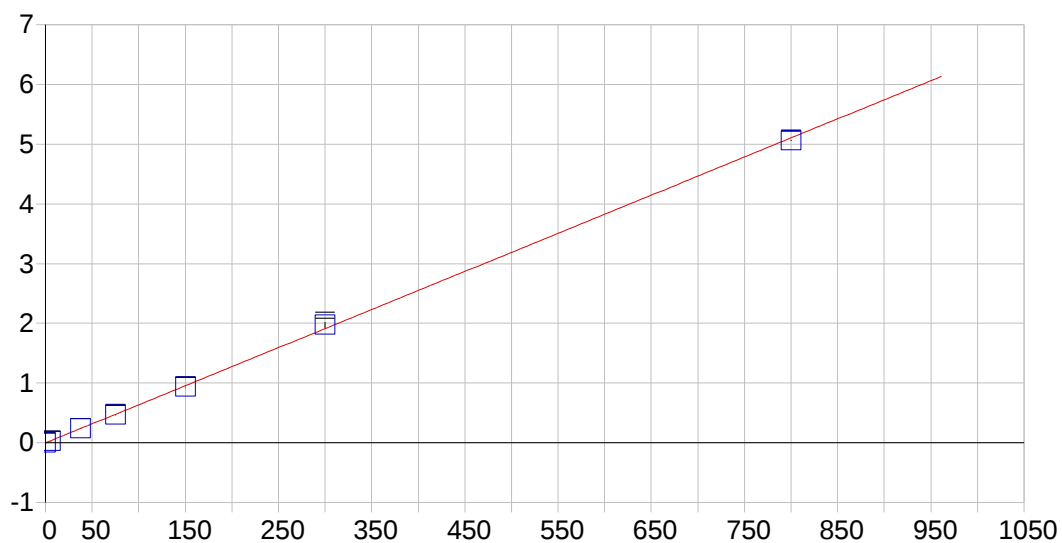


Ag 328.068 {103}

Date of Fit: 9/29/2017 13:42:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000039 Re-Slope: 1.000000
 A1 (Gain): 0.300175 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998072 Status: OK.
 Std Error of Est: 0.000156
 Predicted MDL: 0.000324
 Predicted MQL: 0.001081

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00004	.000	1
S1	.01000	.00939	-.001	-6.14	.00285	.000	1
S2	.31250	.28793	-.025	-7.86	.08583	.000	1
S3	.62500	.56962	-.055	-8.86	.16975	.000	1
S4	1.2500	1.1888	-.061	-4.90	.35432	.002	1
S5	2.5000	2.6418	.142	5.67	.78792	.007	1

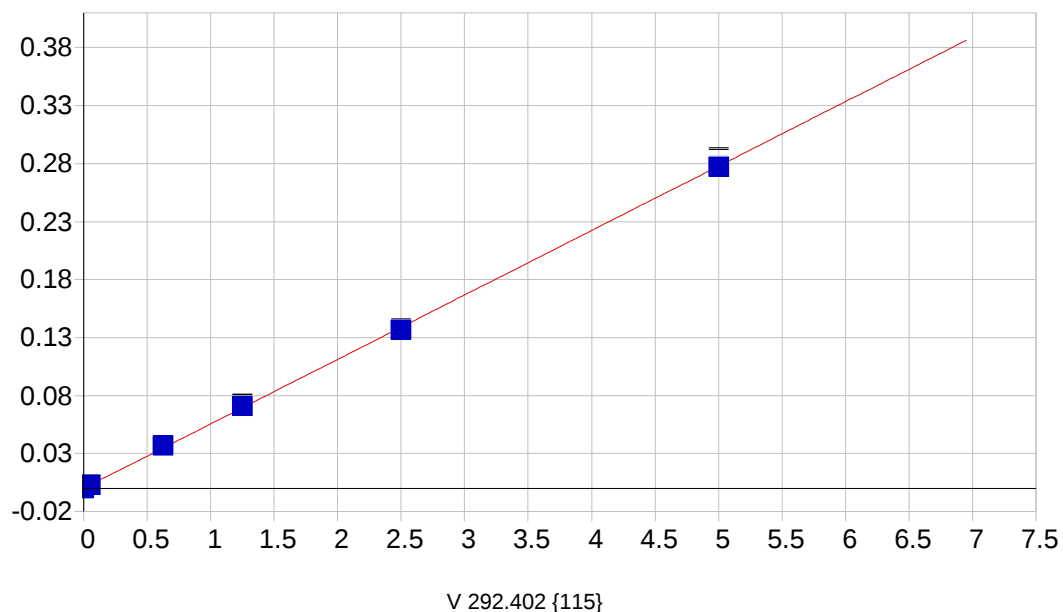


Na 818.326 { 41}

Date of Fit: 9/29/2017 13:42:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002269 Re-Slope: 1.000000
 A1 (Gain): 0.006382 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999828 Status: OK.
 Std Error of Est: 0.000366
 Predicted MDL: 0.089226
 Predicted MQL: 0.297421

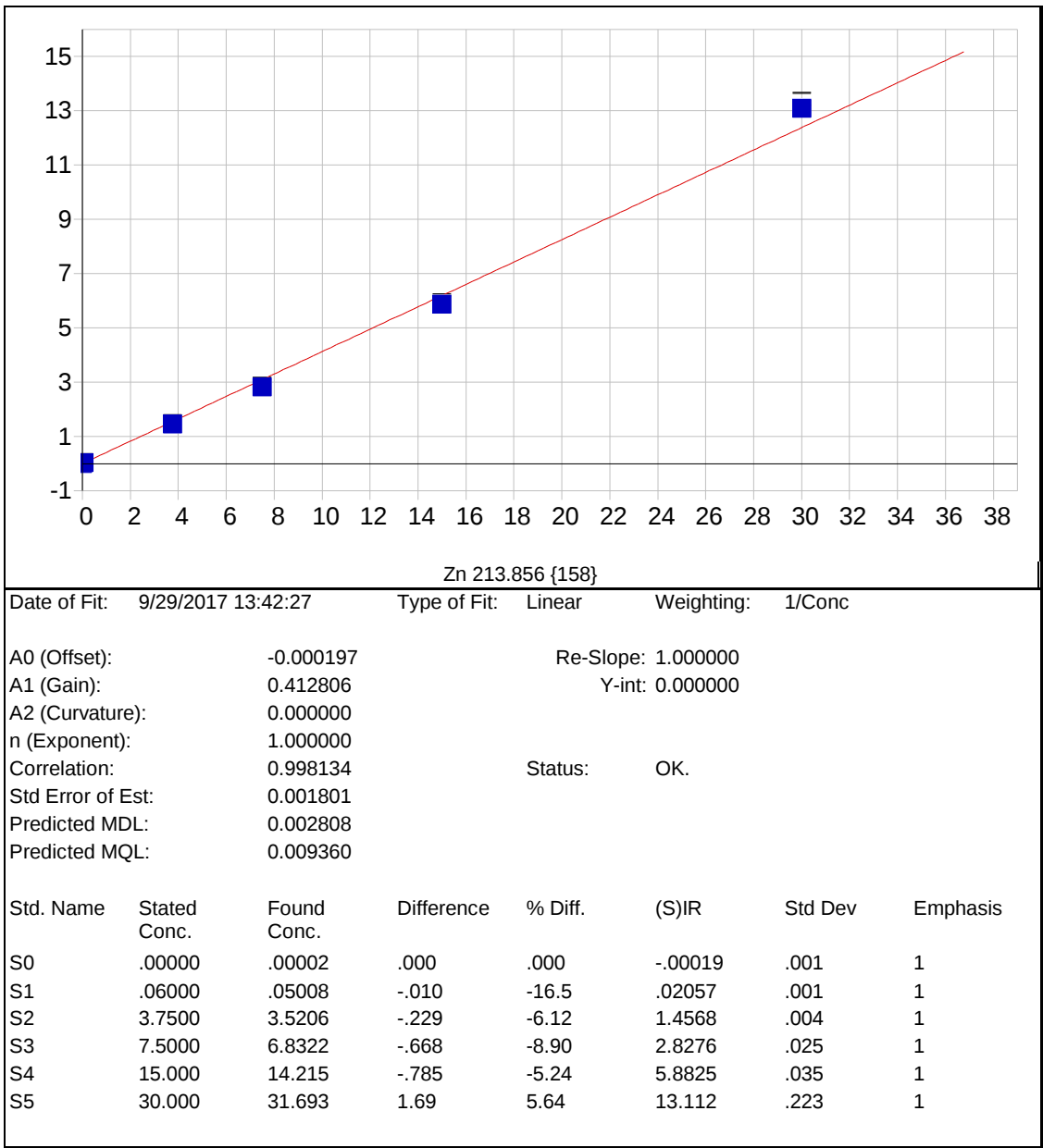
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00043	.000	.000	-.00227	.001	1
S1	5.0000	4.5167	-.483	-9.67	.02656	.000	1
S2	37.500	38.089	.589	1.57	.24081	.001	1
S3	75.000	74.322	-.678	-.905	.47205	.009	1
S4	150.00	147.06	-2.94	-1.96	.93625	.005	1
S5	300.00	309.57	9.57	3.19	1.9734	.048	1
S6	800.00	793.95	-6.05	-.757	5.0647	.008	1

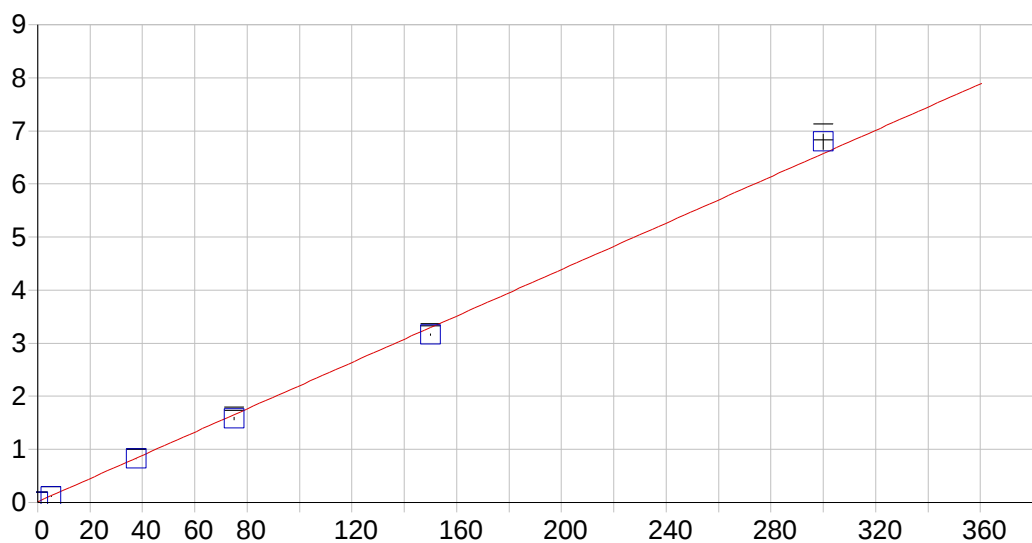


Date of Fit: 9/29/2017 13:42:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000065 Re-Slope: 1.000000
 A1 (Gain): 0.055584 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999834 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.002141
 Predicted MQL: 0.007136

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00006	.000	1
S1	.05000	.04984	.000	-.322	.00271	.000	1
S2	.62500	.65995	.035	5.59	.03676	.000	1
S3	1.2500	1.2732	.023	1.85	.07099	.002	1
S4	2.5000	2.4574	-.043	-1.71	.13710	.001	1
S5	5.0000	4.9847	-.015	-.307	.27815	.007	1



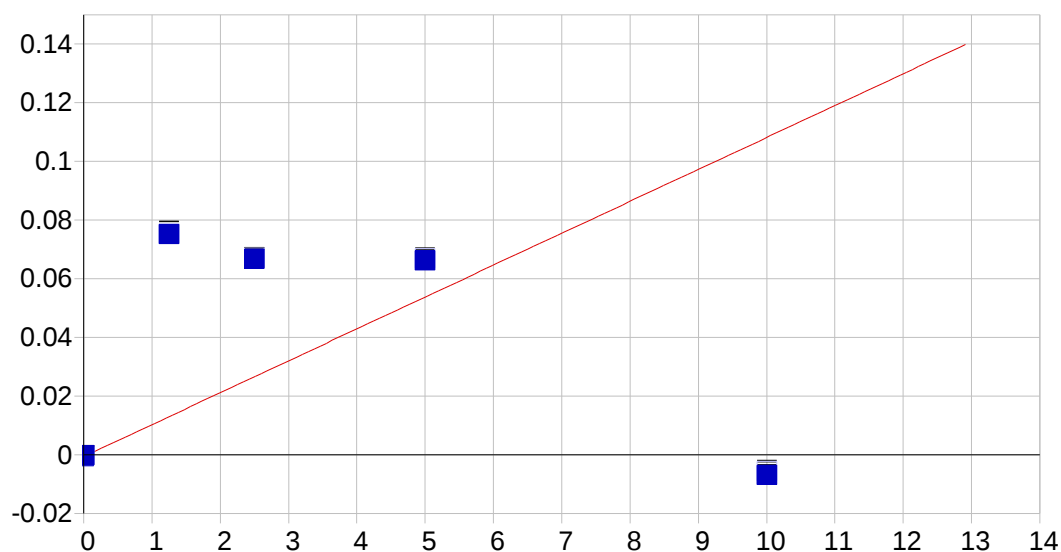


K 769.896 { 44 }

Date of Fit: 9/29/2017 13:42:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.014430 Re-Slope: 1.000000
 A1 (Gain): 0.021865 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999306 Status: OK.
 Std Error of Est: 0.001680
 Predicted MDL: 0.021971
 Predicted MQL: 0.073236

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00090	.001	.000	.01445	.000	1
S1	5.0000	4.3895	-.610	-12.2	.11040	.001	1
S2	37.500	37.113	-.387	-1.03	.82590	.005	1
S3	75.000	71.794	-3.21	-4.27	1.5842	.031	1
S4	150.00	144.10	-5.90	-3.93	3.1651	.021	1
S5	300.00	310.10	10.1	3.37	6.7947	.151	1

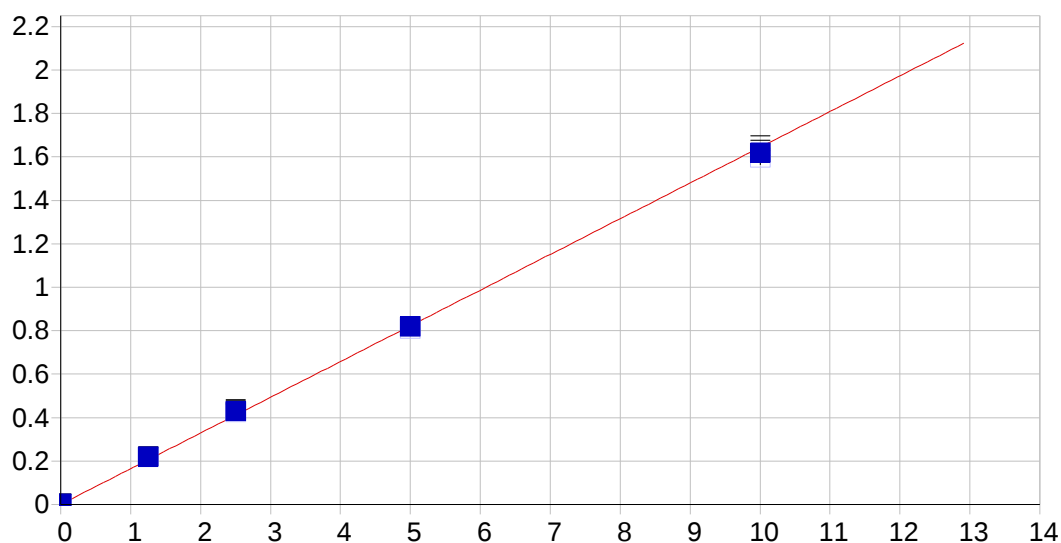


P 177.495 {490}

Date of Fit: 9/29/2017 13:42:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000586 Re-Slope: 1.000000
 A1 (Gain): 0.010877 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.555391 Status: OK.
 Std Error of Est: 0.000277
 Predicted MDL: 0.008710
 Predicted MQL: 0.029032

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00008	.000	.000	-.00059	.000	1
S1	.01000	.03295	.023	229.	-.00023	.000	1
S2	1.2500	6.9693	5.72	458.	.07539	.001	1
S3	2.5000	6.1988	3.70	148.	.06719	.000	1
S4	5.0000	6.1409	1.14	22.8	.06691	.000	1
S5	10.000	-.58215	-10.6	-106.	-.00551	.000	1

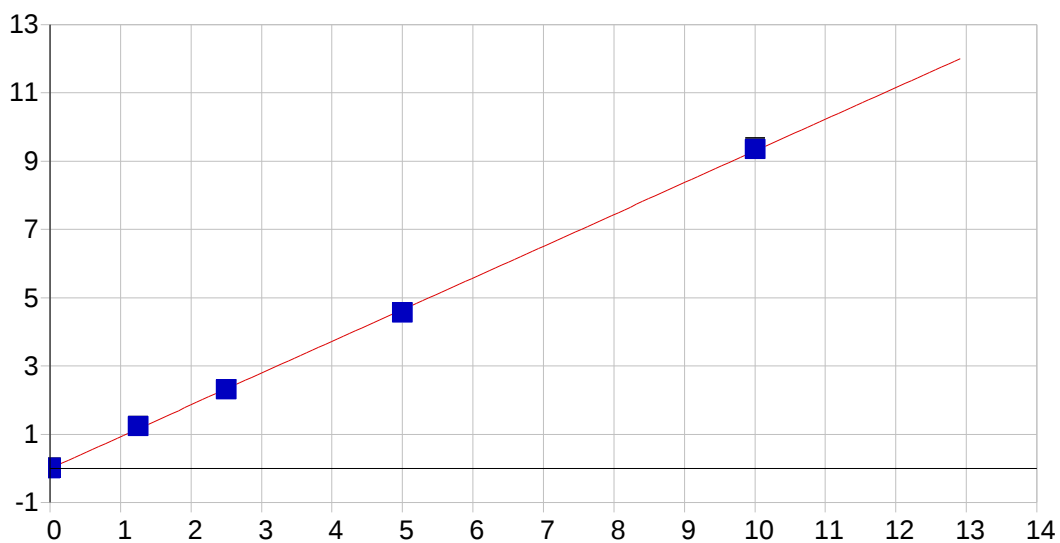


B 249.678 {135}

Date of Fit: 9/29/2017 13:42:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000341 Re-Slope: 1.000000
 A1 (Gain): 0.164410 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999644 Status: OK.
 Std Error of Est: 0.000073
 Predicted MDL: 0.001010
 Predicted MQL: 0.003367

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00034	.000	1
S1	.01000	.01178	.002	17.8	.00228	.000	1
S2	1.2500	1.3315	.081	6.52	.21667	.001	1
S3	2.5000	2.6070	.107	4.28	.42381	.008	1
S4	5.0000	4.9735	-.026	-.529	.80774	.001	1
S5	10.000	9.8362	-.164	-1.64	1.5969	.035	1

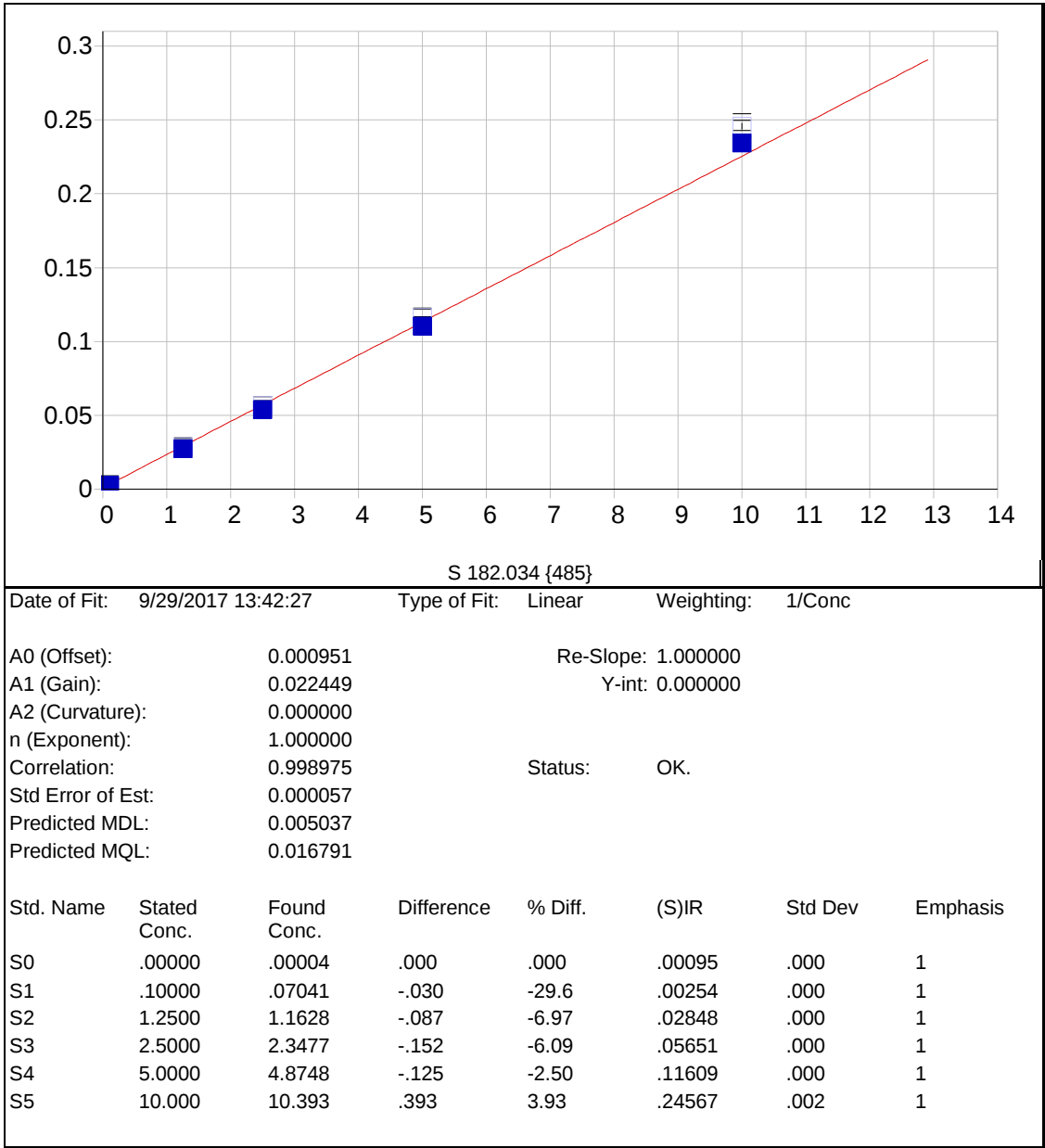


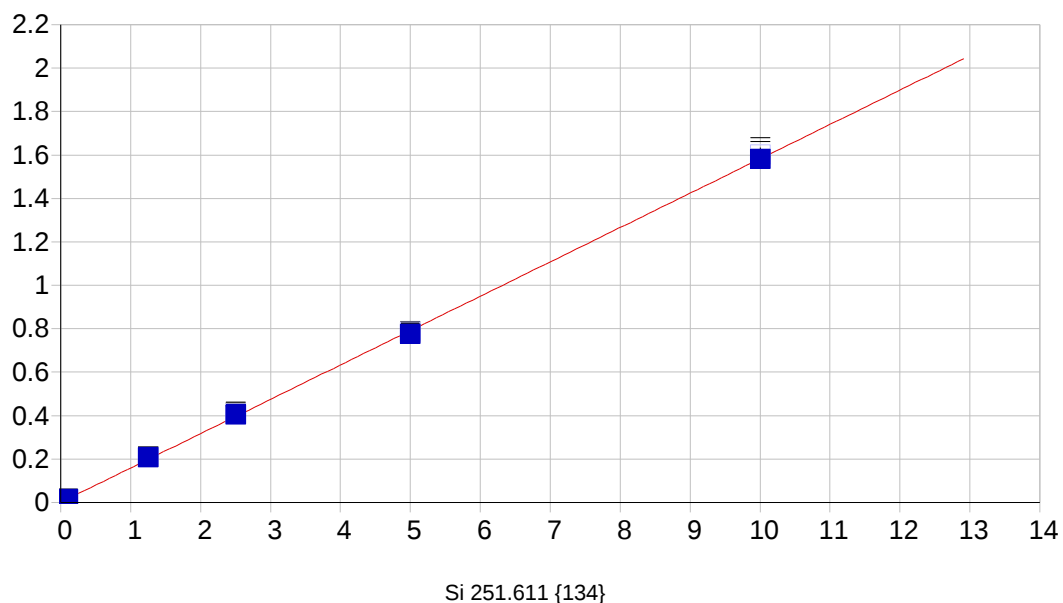
Mo 202.030 {467}

Date of Fit: 9/29/2017 13:42:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000018 Re-Slope: 1.000000
 A1 (Gain): 0.929813 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999810 Status: OK.
 Std Error of Est: 0.000304
 Predicted MDL: 0.000336
 Predicted MQL: 0.001121

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00002	.001	1
S1	.01000	.01131	.001	13.1	.01052	.000	1
S2	1.2500	1.3244	.074	5.95	1.2325	.007	1
S3	2.5000	2.4771	-.023	-.915	2.3053	.007	1
S4	5.0000	4.8979	-.102	-2.04	4.5583	.007	1
S5	10.000	10.049	.049	.493	9.3524	.040	1

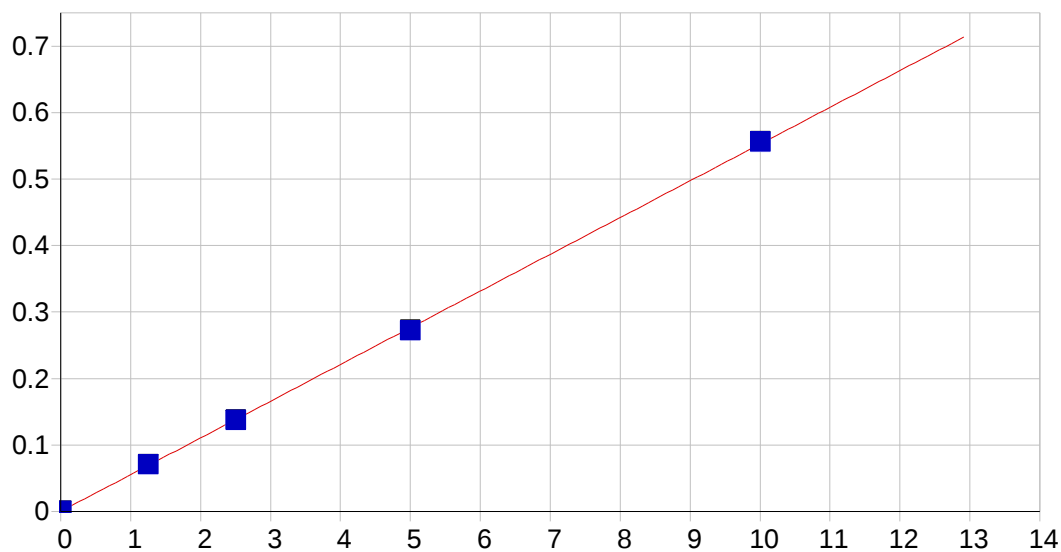




Date of Fit: 9/29/2017 13:42:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000612 Re-Slope: 1.000000
 A1 (Gain): 0.158180 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999847 Status: OK.
 Std Error of Est: 0.000149
 Predicted MDL: 0.001094
 Predicted MQL: 0.003648

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00061	.000	1
S1	.10000	.09315	-.007	-6.85	.01540	.000	1
S2	1.2500	1.3078	.058	4.62	.20981	.001	1
S3	2.5000	2.5493	.049	1.97	.40851	.007	1
S4	5.0000	4.9052	-.095	-1.90	.78582	.002	1
S5	10.000	9.9945	-.005	-.055	1.6002	.035	1

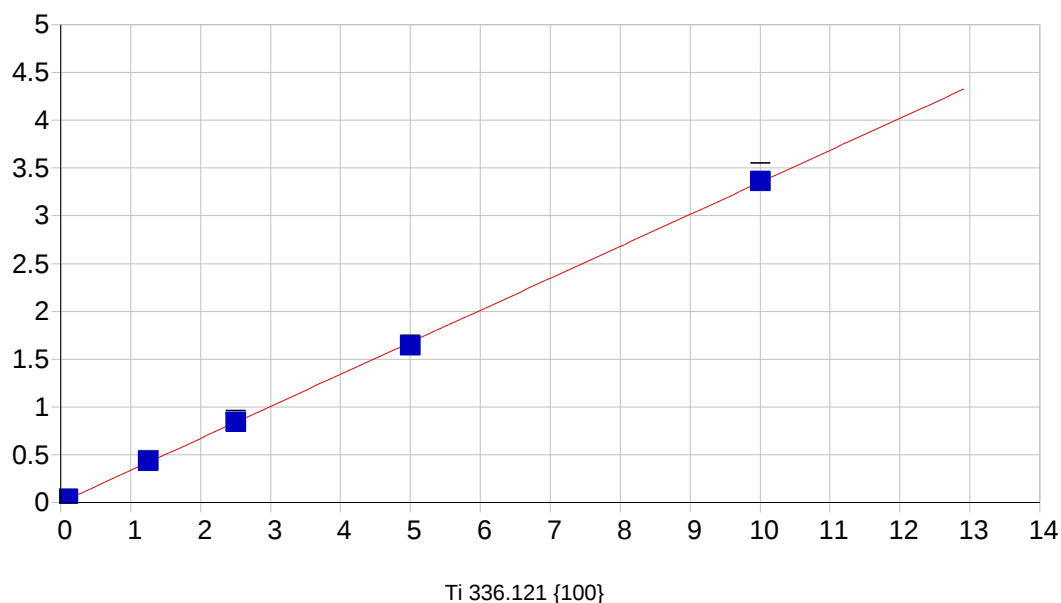


Sn 189.989 {478}

Date of Fit: 9/29/2017 13:42:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000108 Re-Slope: 1.000000
 A1 (Gain): 0.055254 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948 Status: OK.
 Std Error of Est: 0.000008
 Predicted MDL: 0.001766
 Predicted MQL: 0.005885

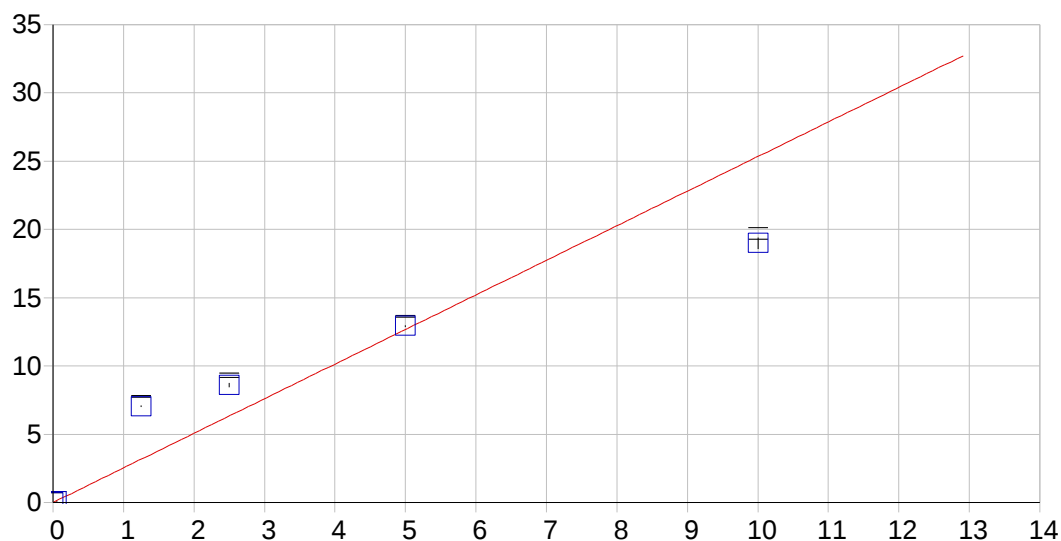
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00011	.000	1
S1	.00700	.00804	.001	14.8	.00055	.000	1
S2	1.2500	1.2750	.025	2.00	.07050	.000	1
S3	2.5000	2.4856	-.014	-.576	.13734	.000	1
S4	5.0000	4.9325	-.067	-1.35	.27243	.001	1
S5	10.000	10.056	.056	.558	.55530	.001	1



Date of Fit: 9/29/2017 13:42:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000745 Re-Slope: 1.000000
 A1 (Gain): 0.334977 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999884 Status: OK.
 Std Error of Est: 0.000271
 Predicted MDL: 0.000592
 Predicted MQL: 0.001974

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00075	.000	1
S1	.10000	.09552	-.004	-4.48	.03273	.000	1
S2	1.2500	1.3006	.051	4.05	.43629	.003	1
S3	2.5000	2.5175	.018	.701	.84377	.018	1
S4	5.0000	4.9032	-.097	-1.94	1.6426	.005	1
S5	10.000	10.033	.033	.331	3.3605	.088	1



Li 670.784 { 50}

Date of Fit: 9/29/2017 13:42:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001906 Re-Slope: 1.000000
 A1 (Gain): 2.534050 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.932305 Status: OK.
 Std Error of Est: 0.036892
 Predicted MDL: 0.000254
 Predicted MQL: 0.000845

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00005	.000	.000	.00178	.001	1
S5	10.000	7.4928	-2.51	-25.1	18.989	.434	1
S4	5.0000	5.0974	.097	1.95	12.919	.063	1
S3	2.5000	3.3980	.898	35.9	8.6126	.154	1
S2	1.2500	2.7789	1.53	122.	7.0438	.053	1
S1	.05000	.03288	-.017	-34.2	.08523	.000	1



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
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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

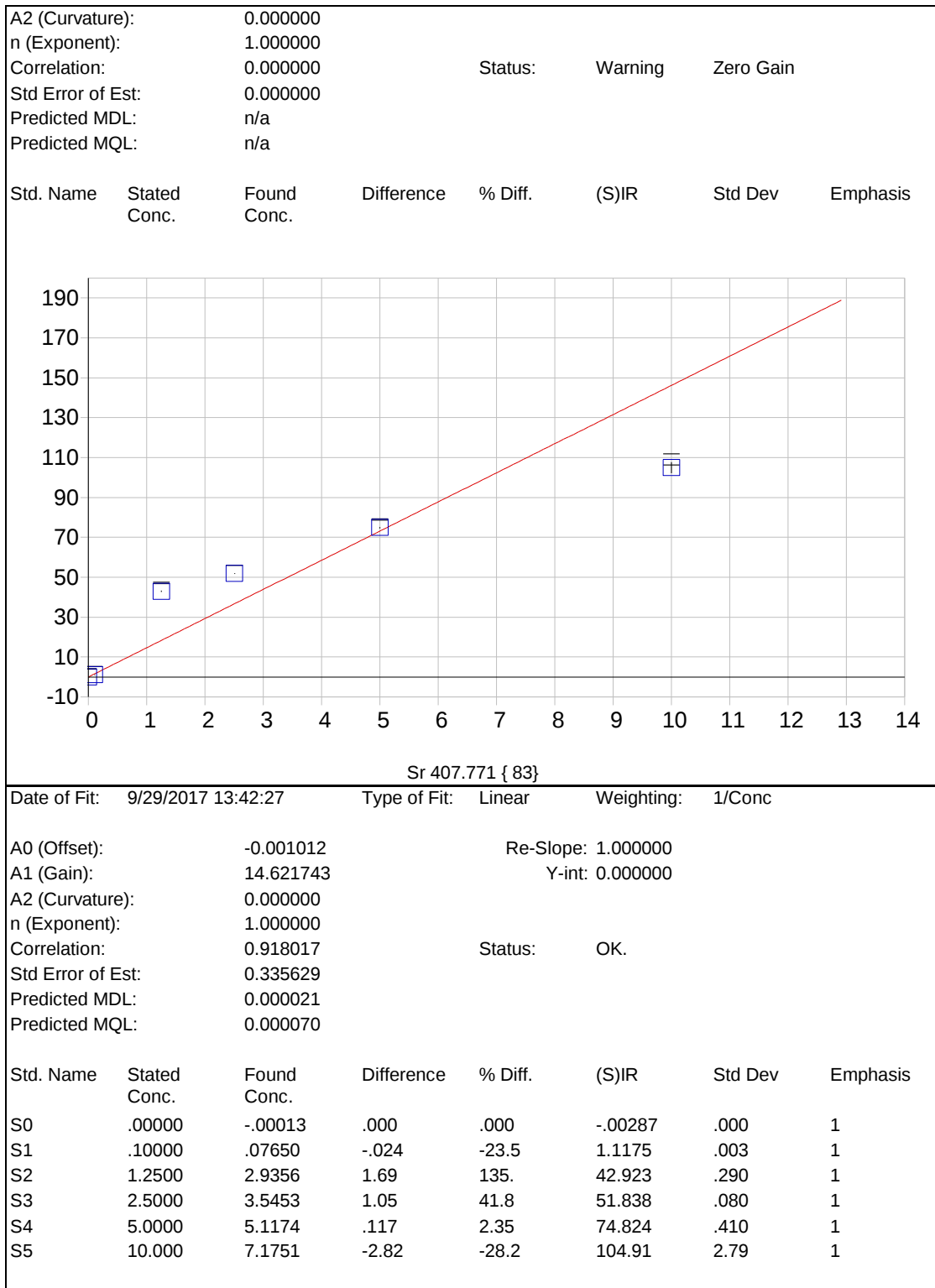
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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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: 9/29/2017 13:17:47 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S00 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00025	-.00018	-.00026	.00036	.00032	.00012	-.06249	-.00113
Stddev	.00021	.00007	.00014	.00030	.00002	.00013	.00140	.00004
%RSD	84.556	38.240	53.193	81.610	7.3477	107.90	2.2382	3.5265

#1	-.00001	-.00012	-.00041	.00057	.00030	-.00001	-.06406	-.00117
#2	-.00042	-.00018	-.00024	.00002	.00034	.00013	-.06137	-.00110
#3	-.00031	-.00025	-.00014	.00049	.00034	.00025	-.06203	-.00110

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00046	.00085	.00005	-.00029	.00123	.00014	-.00005	-.00009
Stddev	.00020	.00011	.00003	.00014	.00017	.00004	.00006	.00004
%RSD	43.551	12.335	59.191	46.792	13.632	27.082	130.34	49.109

#1	-.00056	.00078	.00004	-.00024	.00132	.00018	-.00011	-.00013
#2	-.00060	.00097	.00008	-.00019	.00134	.00010	-.00004	-.00005
#3	-.00023	.00080	.00003	-.00044	.00104	.00013	.00001	-.00008

Elem	Ni2316	Ag3280	Na8183	V_ 2924	Zn2138	K_ 7698	P_ 1774	B_ 2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00062	.00004	-.00227	-.00006	-.00019	.01445	-.00059	.00034
Stddev	.00007	.00004	.00055	.00005	.00063	.00019	.00002	.00017
%RSD	11.162	88.002	24.321	84.040	335.03	1.2964	3.2713	49.905

#1	-.00067	.00003	-.00276	-.00004	-.00074	.01436	-.00058	.00018
#2	-.00063	.00008	-.00167	-.00003	.00050	.01433	-.00057	.00032
#3	-.00054	.00001	-.00236	-.00013	-.00033	.01467	-.00061	.00052

Elem	Mo2020	S_ 1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	-.00002	.00095	.00061	.00011	.00075	.00178	-.00287	
Stddev	.00059	.00005	.00006	.00002	.00010	.00084	.00026	
%RSD	3036.7	4.7897	10.124	16.734	13.306	47.331	9.1590	

#1	-.00041	.00092	.00058	.00009	.00074	.00109	-.00315	
#2	-.00030	.00093	.00068	.00012	.00084	.00152	-.00262	
#3	.00066	.00100	.00057	.00012	.00065	.00272	-.00285	

Sample Name: S0 Acquired: 9/29/2017 13:17:47 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	775.70	1353.5	37085.	12235.	3017.7
Stddev	4.43	10.2	93.	21.	15.7
%RSD	.57091	.75385	.24965	.16826	.51996
#1	772.11	1357.2	36996.	12221.	3024.6
#2	774.34	1361.3	37078.	12227.	3028.8
#3	780.65	1341.9	37181.	12259.	2999.7

Sample Name: S1 Acquired: 9/29/2017 13:21:56 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00037	.00074	.00124	.00327	.01172	.01646	.37799	.00721
Stddev	.00025	.00007	.00016	.00010	.00036	.00022	.00116	.00010
%RSD	66.830	9.2074	12.636	2.9827	3.0355	1.3398	.30769	1.4522
#1	.00014	.00078	.00107	.00338	.01167	.01655	.37694	.00722
#2	.00064	.00077	.00138	.00321	.01140	.01621	.37778	.00710
#3	.00035	.00066	.00125	.00321	.01210	.01662	.37924	.00731
Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00617	.10870	.00098	.02540	.00575	.00190	.00364	.03226
Stddev	.00013	.00052	.00001	.00008	.00015	.00002	.00009	.00007
%RSD	2.1599	.47415	1.4005	.30694	2.6659	1.1507	2.4171	.21916
#1	.00614	.10854	.00099	.02543	.00562	.00189	.00354	.03219
#2	.00631	.10828	.00098	.02546	.00592	.00190	.00365	.03224
#3	.00605	.10928	.00096	.02531	.00570	.00193	.00372	.03233
Elem	Ni2316	Ag3280	Na8183	V_ 2924	Zn2138	K_ 7698	P_ 1774	B_ 2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01198	.00285	.02656	.00271	.02057	.11040	-.00023	.00228
Stddev	.00018	.00009	.00020	.00005	.00062	.00051	.00009	.00006
%RSD	1.5145	3.1643	.77183	1.7095	2.9978	.45742	41.928	2.5604
#1	.01178	.00278	.02638	.00276	.02113	.10992	-.00033	.00229
#2	.01203	.00281	.02652	.00266	.02067	.11093	-.00016	.00234
#3	.01213	.00295	.02678	.00272	.01991	.11037	-.00019	.00222
Elem	Mo2020	S_ 1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.01052	.00254	.01540	.00055	.03273	.08523	1.1175	
Stddev	.00020	.00010	.00004	.00001	.00019	.00044	.0030	
%RSD	1.8673	4.1343	.28583	2.4928	.58010	.51727	.26487	
#1	.01037	.00263	.01542	.00056	.03287	.08475	1.1156	
#2	.01045	.00255	.01535	.00055	.03252	.08533	1.1160	
#3	.01074	.00242	.01544	.00053	.03281	.08561	1.1209	

Sample Name: S1 Acquired: 9/29/2017 13:21:56 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	739.52	1290.8	35855.	12210.	2869.2
Stddev	4.43	5.1	63.	18.	5.4
%RSD	.59844	.39754	.17564	.15071	.18926
#1	734.56	1285.3	35785.	12225.	2864.7
#2	743.07	1295.4	35907.	12217.	2867.7
#3	740.92	1291.8	35873.	12189.	2875.2

Sample Name: S2 Acquired: 9/29/2017 13:26:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.06349	.05342	.94948	.10942	.25078	3.4815	7.4153	.19809
Stddev	.00066	.00038	.00241	.00152	.00126	.0091	.0334	.00145
%RSD	1.0399	.71202	.25374	1.3907	.50291	.25992	.45024	.73134

#1	.06409	.05384	.95100	.11116	.25162	3.4780	7.4166	.19753
#2	.06359	.05331	.95073	.10837	.25140	3.4918	7.4480	.19973
#3	.06279	.05310	.94670	.10872	.24933	3.4748	7.3812	.19700

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.83496	1.4797	.37379	.35959	.71251	.68054	.94640	.44215
Stddev	.00130	.0060	.00058	.00105	.00539	.00303	.00470	.00144
%RSD	.15517	.40504	.15585	.29071	.75662	.44560	.49647	.32673

#1	.83485	1.4731	.37435	.36074	.71452	.67704	.94097	.44088
#2	.83372	1.4848	.37384	.35932	.71661	.68234	.94899	.44372
#3	.83630	1.4812	.37319	.35870	.70641	.68225	.94923	.44184

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.21443	.08583	.24081	.03676	1.4568	.82590	.07539	.21667
Stddev	.00098	.00020	.00089	.00013	.0039	.00533	.00088	.00132
%RSD	.45748	.23684	.37040	.36505	.26651	.64521	1.1708	.60823

#1	.21515	.08591	.24157	.03691	1.4562	.82439	.07639	.21519
#2	.21481	.08560	.24105	.03673	1.4610	.83182	.07511	.21712
#3	.21331	.08598	.23983	.03664	1.4533	.82149	.07469	.21771

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	1.2325	.02848	.20981	.07050	.43629	7.0438	42.923	
Stddev	.0069	.00025	.00136	.00021	.00280	.0534	.290	
%RSD	.55547	.86242	.65027	.29148	.64196	.75750	.67666	

#1	1.2391	.02874	.20828	.07053	.43656	7.0649	42.673	
#2	1.2330	.02825	.21091	.07028	.43894	7.0835	43.242	
#3	1.2254	.02845	.21022	.07069	.43336	6.9832	42.855	

Sample Name: S2 Acquired: 9/29/2017 13:26:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	655.90	1166.4	31913.	11267.	2369.6
Stddev	2.27	9.8	26.	43.	16.2
%RSD	.34570	.83805	.08083	.38168	.68253
#1	658.43	1157.5	31887.	11307.	2352.1
#2	654.07	1164.6	31914.	11222.	2372.8
#3	655.19	1176.9	31939.	11272.	2384.0

Sample Name: S3 Acquired: 9/29/2017 13:30:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.12155	.09921	1.8191	.20539	.47884	6.8559	14.257	.39362
Stddev	.00120	.00042	.0079	.00174	.00342	.1275	.268	.00550
%RSD	.98611	.41957	.43556	.84920	.71449	1.8596	1.8790	1.3979

#1	.12176	.09930	1.8219	.20560	.48110	6.9930	14.515	.39942
#2	.12263	.09957	1.8253	.20701	.48051	6.7409	13.980	.38847
#3	.12026	.09875	1.8102	.20354	.47490	6.8338	14.276	.39298

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.6247	2.9504	.70693	.70060	1.3833	1.3109	1.8478	.85930
Stddev	.0051	.0640	.00196	.00206	.0277	.0277	.0440	.01972
%RSD	.31331	2.1708	.27781	.29390	2.0053	2.1126	2.3817	2.2947

#1	1.6303	3.0211	.70534	.70276	1.4102	1.3411	1.8950	.88084
#2	1.6235	2.8962	.70632	.70037	1.3548	1.2868	1.8079	.84214
#3	1.6204	2.9339	.70912	.69866	1.3849	1.3048	1.8405	.85493

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.41052	.16975	.47205	.07099	2.8276	1.5842	.06719	.42381
Stddev	.00119	.00030	.00886	.00168	.0254	.0305	.00024	.00797
%RSD	.29082	.17423	1.8775	2.3703	.89741	1.9267	.35335	1.8803

#1	.41179	.16945	.48176	.07276	2.8551	1.6151	.06716	.43295
#2	.41036	.17004	.46439	.06941	2.8052	1.5541	.06744	.41831
#3	.40942	.16975	.47002	.07080	2.8226	1.5833	.06697	.42017

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2.3053	.05651	.40851	.13734	.84377	8.6126	51.838	
Stddev	.0074	.00014	.00723	.00049	.01813	.1540	.080	
%RSD	.32239	.24337	1.7704	.35389	2.1486	1.7878	.15357	

#1	2.3109	.05653	.41669	.13702	.86208	8.7666	51.930	
#2	2.3083	.05664	.40295	.13790	.82583	8.4586	51.786	
#3	2.2969	.05636	.40590	.13710	.84340	8.6125	51.798	

Sample Name: S3 Acquired: 9/29/2017 13:30:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	672.84	1184.0	32485.	11358.	2294.4
Stddev	6.29	5.9	184.	237.	9.5
%RSD	.93554	.49448	.56580	2.0906	.41571
#1	666.01	1179.5	32276.	11096.	2286.1
#2	678.41	1181.9	32557.	11559.	2292.5
#3	674.09	1190.6	32622.	11418.	2304.8

Sample Name: S4 Acquired: 9/29/2017 13:34:16 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.25283	.18968	3.5228	.42146	.99471	13.879	27.530	.77169
Stddev	.00089	.00094	.0066	.00032	.00104	.045	.218	.00187
%RSD	.35217	.49330	.18695	.07664	.10502	.32600	.79342	.24194

#1	.25302	.18934	3.5293	.42109	.99521	13.854	27.428	.77384
#2	.25360	.18897	3.5161	.42169	.99542	13.851	27.382	.77050
#3	.25185	.19074	3.5230	.42160	.99351	13.931	27.781	.77072

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.1548	5.8928	1.3398	1.3843	2.7834	2.4956	3.5288	1.6637
Stddev	.0037	.0306	.0051	.0026	.0102	.0044	.0074	.0056
%RSD	.11607	.52004	.38150	.18449	.36687	.17469	.21089	.33946

#1	3.1587	5.8919	1.3446	1.3847	2.7758	2.4912	3.5274	1.6593
#2	3.1541	5.9239	1.3404	1.3816	2.7793	2.4956	3.5221	1.6616
#3	3.1515	5.8627	1.3344	1.3867	2.7950	2.4999	3.5368	1.6701

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.80350	.35432	.93625	.13710	5.8825	3.1651	.06691	.80774
Stddev	.00070	.00183	.00510	.00058	.0348	.0207	.00019	.00107
%RSD	.08735	.51633	.54459	.42495	.59065	.65251	.28633	.13301

#1	.80363	.35643	.93283	.13716	5.8485	3.1486	.06683	.80651
#2	.80274	.35317	.93382	.13649	5.8811	3.1583	.06677	.80844
#3	.80412	.35336	.94211	.13765	5.9180	3.1883	.06713	.80829

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	4.5583	.11609	.78582	.27243	1.6426	12.919	74.824	
Stddev	.0070	.00021	.00162	.00074	.0048	.063	.410	
%RSD	.15412	.18438	.20600	.27139	.29243	.48782	.54791	

#1	4.5581	.11612	.78674	.27327	1.6438	12.873	74.355	
#2	4.5654	.11586	.78396	.27186	1.6374	12.893	75.001	
#3	4.5514	.11629	.78678	.27216	1.6467	12.991	75.116	

Sample Name: S4 Acquired: 9/29/2017 13:34:16 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	623.91	1078.4	31060.	11236.	2051.0
Stddev	5.75	2.2	92.	28.	4.8
%RSD	.92154	.20557	.29508	.25290	.23262
#1	629.95	1080.7	31164.	11266.	2055.1
#2	623.29	1076.2	31023.	11235.	2052.2
#3	618.50	1078.3	30992.	11209.	2045.8

Sample Name: S5 Acquired: 9/29/2017 13:38:25 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.54801	.36838	6.9976	.89412	2.1812	30.132	57.672	1.6179
Stddev	.00233	.00305	.0257	.00525	.0033	.723	.942	.0362
%RSD	.42476	.82718	.36772	.58742	.15124	2.3999	1.6328	2.2368

#1	.55031	.37170	7.0252	.89968	2.1841	30.908	58.674	1.6562
#2	.54566	.36771	6.9934	.89342	2.1820	29.477	56.804	1.5842
#3	.54805	.36572	6.9742	.88925	2.1776	30.011	57.540	1.6135

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.3350	12.083	2.5878	2.8207	6.0228	5.0099	7.0726	3.3400
Stddev	.0330	.328	.0243	.0110	.1552	.1314	.1981	.0877
%RSD	.52124	2.7181	.93816	.38955	2.5766	2.6228	2.8015	2.6260

#1	6.3632	12.379	2.5995	2.8317	6.1920	5.1394	7.2692	3.4276
#2	6.3432	11.730	2.5599	2.8205	5.8871	4.8767	6.8730	3.2522
#3	6.2987	12.141	2.6040	2.8097	5.9892	5.0136	7.0756	3.3403

Elem	Ni2316	Ag3280	Na8183	V_ 2924	Zn2138	K_ 7698	P_ 1774	B_ 2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.6206	.78792	1.9734	.27815	13.112	6.7947	-.00551	1.5969
Stddev	.0068	.00722	.0481	.00687	.223	.1507	.00024	.0350
%RSD	.41855	.91643	2.4359	2.4701	1.7015	2.2177	4.3558	2.1901

#1	1.6268	.79075	2.0255	.28496	13.248	6.9625	-.00579	1.6356
#2	1.6216	.77971	1.9308	.27122	12.855	6.6708	-.00538	1.5675
#3	1.6133	.79330	1.9639	.27827	13.234	6.7509	-.00536	1.5877

Elem	Mo2020	S_ 1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	9.3524	.24567	1.6002	.55530	3.3605	18.989	104.91	
Stddev	.0404	.00225	.0350	.00121	.0883	.434	2.79	
%RSD	.43221	.91475	2.1854	.21732	2.6264	2.2866	2.6577	

#1	9.3809	.24818	1.6359	.55662	3.4492	19.475	108.02	
#2	9.3702	.24500	1.5660	.55500	3.2727	18.638	102.63	
#3	9.3062	.24384	1.5985	.55426	3.3595	18.854	104.09	

Sample Name: S5 Acquired: 9/29/2017 13:38:25 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	521.54	925.49	27562.	10329.	1718.5
Stddev	5.13	1.41	299.	219.	4.5
%RSD	.98329	.15200	1.0855	2.1225	.26411
#1	519.07	923.97	27335.	10100.	1713.3
#2	527.44	926.74	27901.	10537.	1721.4
#3	518.12	925.76	27451.	10349.	1720.8

Sample Name: S6 Acquired: 9/29/2017 13:42:32 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	74.306	18.575	12.402	4.8981	5.0647
Stddev	.996	.089	.041	.0217	.0079
%RSD	1.3399	.48023	.32671	.44379	.15632

#1	74.844	18.517	12.449	4.9232	5.0735
#2	74.917	18.678	12.385	4.8857	5.0582
#3	73.157	18.530	12.373	4.8855	5.0625

Int. Std.	Y_3710
Units	Cts/S
Avg	10394.
Stddev	29.
%RSD	.28362

#1	10361.
#2	10405.
#3	10417.

Sample Name: ICV Acquired: 9/29/2017 13:48:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9131716	1.098467	.9955611	.9417905	.9373466	2.721711
Stddev	.0123122	.004446	.0064451	.0075329	.0101732	.008675
%RSD	1.348290	.4047557	.6473862	.7998478	1.085322	.3187259

#1	.9229319	1.098872	.9997967	.9460114	.9440889	2.722937
#2	.8993392	1.093833	.9881438	.9330935	.9256448	2.729709
#3	.9172438	1.102697	.9987427	.9462666	.9423062	2.712489

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4900022	.4492613	.4687466	9.327425	.5216676	.4711696
Stddev	.0015730	.0017299	.0025328	.011658	.0048212	.0031599
%RSD	.3210255	.3850621	.5403440	.1249881	.9241881	.6706610

#1	.4899347	.4487745	.4698385	9.340729	.5263672	.4733210
#2	.4916079	.4511825	.4658509	9.322552	.5167334	.4675416
#3	.4884640	.4478269	.4705503	9.318994	.5219022	.4726461

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4638156	5.280664	.5028108	6.087762	.4861809	.4758745
Stddev	.0027376	.034868	.0019614	.020093	.0044706	.0062795
%RSD	.5902239	.6602926	.3900783	.3300513	.9195292	1.319569

#1	.4664408	5.240550	.5009617	6.089928	.4887294	.4831186
#2	.4640278	5.297737	.5048678	6.106684	.4810188	.4725241
#3	.4609781	5.303706	.5026029	6.066674	.4887944	.4719807

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.280399	.4574735	.9730778	9.030112	F -.004570	F 5.624510
Stddev	.142256	.0013122	.0122280	.029860	.010041	.027115
%RSD	1.532869	.2868258	1.256635	.3306678	219.7134	.4820913

#1	9.431912	.4566134	.9870265	9.058590	-.006752	5.609739
#2	9.259594	.4589838	.9642059	9.032705	-.013341	5.655803
#3	9.149691	.4568233	.9680011	8.999040	.006383	5.607986

Sample Name: ICV Acquired: 9/29/2017 13:48:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.125917	-.008759	4.801907	4.574284	4.983720	.0015413
Stddev	.044719	.006598	.015533	.034730	.017574	.0001714
%RSD	.8724182	75.32790	.3234661	.7592440	.3526379	11.12345

#1	5.150168	-.001958	4.786847	4.586029	4.978717	.0017208
#2	5.074311	-.009185	4.817873	4.535205	5.003253	.0015239
#3	5.153273	-.015133	4.801002	4.601619	4.969189	.0013792

Elem	Sr4077
Units	ppm
Avg	.0086433
Stddev	.0000259
%RSD	.2998212

#1	.0086488
#2	.0086660
#3	.0086151

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	718.8678	1253.087	34964.51	12006.11	2750.070
Stddev	9.8036	13.905	341.82	26.02	23.858
%RSD	1.363749	1.109623	.9776150	.2166833	.8675564

#1	709.3071	1241.564	34592.09	12016.78	2731.745
#2	728.8974	1268.531	35263.92	11976.46	2777.048
#3	718.3990	1249.167	35037.53	12025.11	2741.418

Sample Name: ICB Acquired: 9/29/2017 13:57:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000532	-.002129	-.000399	.0018065	-.001111	-.000397	-.002100
Stddev	.000855	.001064	.001166	.0017817	.000675	.001573	.000298
%RSD	160.6122	49.98968	292.5111	98.62762	60.78703	396.6437	14.20287

#1	-.001454	-.002052	.000663	.0035598	-.001611	.001285	-.002350
#2	.000235	-.003229	-.001646	.0018620	-.001378	-.001832	-.002179
#3	-.000377	-.001105	-.000213	-.000002	-.000343	-.000643	-.001770

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000038	.0000805	-.003524	-.000807	-.000114	.0008805	-.009817
Stddev	.000023	.0000538	.002042	.000284	.000179	.0010715	.004189
%RSD	61.88335	66.84503	57.94928	35.25473	157.3770	121.6852	42.67047

#1	-.000065	.0000186	-.001674	-.000910	-.000259	.0014128	-.011242
#2	-.000027	.0001157	-.003182	-.001025	-.000168	-.000353	-.013108
#3	-.000022	.0001073	-.005715	-.000485	.000086	.001582	-.005102

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000470	-.019863	.0003316	-.000107	-.025521	-.000183	-.001718
Stddev	.0001908	.020401	.0002591	.000596	.111855	.000789	.003350
%RSD	405.8939	102.7110	78.11691	558.4766	438.2788	430.2422	195.0619

#1	.0002566	-.013240	.0005323	.000415	-.045531	.000223	-.005509
#2	-.000117	-.042752	.0000392	-.000757	.094988	.000319	.000843
#3	.000001	-.003595	.0004234	.000021	-.126021	-.001093	-.000486

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0242791	-.000471	.0058905	.0004042	-.009904	.0009530	.0013095
Stddev	.0068146	.002992	.0004245	.0001474	.002140	.0006893	.0010908
%RSD	28.06756	635.1193	7.206084	36.46097	21.60603	72.33124	83.29593

#1	.0227819	.001697	.0059936	.0002749	-.010510	.0002065	.0009507
#2	.0183377	.000774	.0054240	.0003730	-.011676	.0010871	.0025345
#3	.0317178	-.003884	.0062540	.0005646	-.007527	.0015655	.0004433

Sample Name: ICB Acquired: 9/29/2017 13:57:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003462	.0006871	-.000135
Stddev	.0008827	.0000582	.000021
%RSD	255.0039	8.474379	15.82098

#1	.0005379	.0006390	-.000111
#2	.0011173	.0006704	-.000142
#3	-.000617	.0007518	-.000152

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	731.6794	1275.496	35365.35	11631.54	2866.551
Stddev	1.1711	12.480	147.36	88.66	14.599
%RSD	.1600587	.9784226	.4166862	.7622688	.5092823

#1	732.7793	1262.776	35446.19	11546.53	2851.183
#2	730.4481	1275.993	35454.61	11624.65	2868.237
#3	731.8109	1287.720	35195.26	11723.45	2880.234

Sample Name: ICSA Acquired: 9/29/2017 14:07:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036435	-.020480	.0018811	-.006937	.0035377	235.2520
Stddev	.0038982	.003356	.0013786	.006382	.0018330	.8222
%RSD	106.9905	16.38683	73.28410	92.00230	51.81352	.3494774

#1	-.000801	-.022804	.0025720	-.003345	.0028046	235.6747
#2	.005250	-.016633	.0002937	-.014305	.0056239	235.7769
#3	.006482	-.022004	.0027777	-.003160	.0021847	234.3045

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023500	.0008304	.0038767	239.5448	.0501726	-.001067
Stddev	.0002665	.0000605	.0002630	.9339	.0011476	.000081
%RSD	11.34199	7.281649	6.784389	.3898783	2.287348	7.611787

#1	.0025721	.0008992	.0038224	238.4667	.0512206	-.001083
#2	.0020544	.0007854	.0041627	240.1079	.0489462	-.001139
#3	.0024234	.0008067	.0036451	240.0597	.0503511	-.000979

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0238284	102.9394	.0107238	269.2307	.0028923	.0033413
Stddev	.0003786	.3276	.0001395	.7651	.0009937	.0005202
%RSD	1.588807	.3182519	1.301021	.2841893	34.35692	15.57061

#1	.0235194	102.5810	.0108834	268.9194	.0023370	.0027634
#2	.0237150	103.2235	.0106631	270.1025	.0023004	.0037724
#3	.0242507	103.0138	.0106250	268.6704	.0040396	.0034880

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3297334	-.000152	.0053161	-.067617	.0046855	F -.299462
Stddev	.0433214	.003184	.0029398	.024284	.0100560	.003118
%RSD	13.13832	2092.035	55.30105	35.91421	214.6195	1.041131

#1	.3189859	-.003767	.0025073	-.053992	.0094422	-.298504
#2	.3774170	.002237	.0083714	-.053205	.0114806	-.302946
#3	.2927975	.001073	.0050695	-.095654	-.006866	-.296935

Sample Name: ICSA Acquired: 9/29/2017 14:07:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000755	.0140666	.0000318	-.001164	.0015850	.0035230
Stddev	.0010176	.0061536	.0013341	.003152	.0004596	.0001539
%RSD	1348.278	43.74615	4192.179	270.7233	28.99436	4.369590

#1	-.000665	.0080482	-.000755	.002434	.0014197	.0035163
#2	.001236	.0138045	-.000722	-.002490	.0021043	.0033725
#3	-.000344	.0203470	.001572	-.003437	.0012309	.0036802

Elem	Sr4077
Units	ppm
Avg	.0733213
Stddev	.0001553
%RSD	.2118676

#1	.0734194
#2	.0734023
#3	.0731422

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	622.9385	1096.415	30573.02	10917.51	2144.398
Stddev	8.2060	18.208	98.02	56.23	21.486
%RSD	1.317309	1.660728	.3206150	.5150150	1.001941

#1	613.4998	1078.472	30469.71	10912.04	2123.175
#2	628.3806	1095.895	30584.65	10864.22	2143.881
#3	626.9350	1114.878	30664.72	10976.28	2166.137

Sample Name: ICSAB Acquired: 9/29/2017 14:11:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1021013	.1022802	.0519025	.0408566	.5690392	237.4613
Stddev	.0060208	.0072090	.0037440	.0002449	.0012622	1.2482
%RSD	5.896881	7.048297	7.213461	.5994941	.2218092	.5256530

#1	.1088160	.1103964	.0475827	.0410869	.5683904	238.8300
#2	.1003046	.0966206	.0542099	.0405993	.5682333	237.1683
#3	.0971835	.0998236	.0539148	.0408835	.5704938	236.3857

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5059825	.4912628	.9997700	248.7659	.5611413	.4910201
Stddev	.0026356	.0029728	.0035941	.4240	.0036347	.0005217
%RSD	.5208899	.6051345	.3594974	.1704325	.6477245	.1062508

#1	.5090210	.4921404	1.003696	248.2765	.5571370	.4915785
#2	.5043142	.4936979	.996642	248.9987	.5642320	.4909366
#3	.5046124	.4879499	.998972	249.0225	.5620549	.4905452

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5038354	105.0307	.5231682	272.5802	.9959435	.1907224
Stddev	.0057566	.2320	.0026057	1.0161	.0029178	.0005454
%RSD	1.142558	.2208731	.4980549	.3727626	.2929634	.2859740

#1	.5097068	105.2633	.5253573	273.7132	.9980007	.1909234
#2	.5035984	105.0293	.5238613	272.2779	.9926042	.1911388
#3	.4982009	104.7993	.5202861	271.7496	.9972257	.1901050

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3791773	.5195710	.8947218	-.140315	-.009707	F -.308603
Stddev	.0353630	.0039102	.0056708	.006183	.005440	.001228
%RSD	9.326235	.7525913	.6338027	4.406502	56.03977	.3979537

#1	.3931604	.5216580	.8917893	-.141592	-.003432	-.309564
#2	.3389608	.5219949	.8911178	-.133593	-.013095	-.309026
#3	.4054106	.5150600	.9012584	-.145759	-.012593	-.307219

Sample Name: ICSAB Acquired: 9/29/2017 14:11:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000488	.0011287	.0012237	.0027996	.0013948	.0035750
Stddev	.000683	.0037867	.0013220	.0016711	.0007627	.0000770
%RSD	140.0144	335.4994	108.0329	59.69094	54.68105	2.153687

#1	.000267	.0011375	.0021606	.0035210	.0008934	.0036357
#2	-.000668	-.002662	.0017990	.0039888	.0022725	.0034884
#3	-.001062	.004911	-.000288	.0008890	.0010184	.0036008

Elem	Sr4077
Units	ppm
Avg	.0742241
Stddev	.0003196
%RSD	.4305932

#1	.0744844
#2	.0743206
#3	.0738674

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	659.5923	1136.968	31546.39	11150.48	2207.343
Stddev	4.4630	.628	67.66	61.08	2.981
%RSD	.6766260	.0552472	.2144900	.5477577	.1350594

#1	654.7196	1136.361	31469.73	11096.59	2204.596
#2	663.4815	1136.930	31597.78	11138.03	2206.920
#3	660.5757	1137.615	31571.67	11216.82	2210.513

Sample Name: CCV090 Acquired: 9/29/2017 14:15:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV090 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.943909	4.725623	24.21568	4.833577	4.920888	373.3908
Stddev	.082528	.055150	.37797	.062639	.072099	2.9507
%RSD	1.669277	1.167046	1.560834	1.295906	1.465155	.7902324

#1	4.993797	4.778939	24.58208	4.881232	4.978656	373.5266
#2	4.989280	4.729126	24.23783	4.856870	4.943921	376.2712
#3	4.848650	4.668806	23.82712	4.762629	4.840087	370.3746

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.815518	.5129453	2.529461	389.8112	15.35633	2.487286
Stddev	.011440	.0033062	.040047	1.3676	.32851	.036492
%RSD	.1165479	.6445537	1.583232	.3508278	2.139275	1.467145

#1	9.802783	.5160814	2.566749	388.3275	15.70054	2.524004
#2	9.818849	.5132627	2.534502	390.0845	15.32230	2.486828
#3	9.824924	.5094919	2.487132	391.0214	15.04616	2.451024

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.02975	389.3902	14.98176	398.1178	2.454618	1.309814
Stddev	.03710	.6175	.03353	.6611	.031919	.027281
%RSD	.2468644	.1585797	.2237849	.1660674	1.300353	2.082819

#1	14.98842	388.7159	14.94308	397.3871	2.486456	1.338182
#2	15.04064	389.9281	15.00242	398.6747	2.454778	1.307493
#3	15.06020	389.5267	14.99979	398.2917	2.422619	1.283768

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	377.6013	2.477544	14.81277	150.2086	F .4243910	F 4.202081
Stddev	.7926	.005819	.12883	.4529	.0154538	.012601
%RSD	.2099019	.2348750	.8697424	.3014927	3.641413	.2998787

#1	376.6973	2.471411	14.92564	149.7975	.4271848	4.206848
#2	378.1771	2.478234	14.84027	150.6941	.4382574	4.211603
#3	377.9294	2.482988	14.67241	150.1342	.4077309	4.187791

Sample Name: CCV090 Acquired: 9/29/2017 14:15:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV090 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.882978	5.045033	5.005532	4.932684	4.941283	3.762986
Stddev	.072071	.091304	.022022	.073697	.013261	.012154
%RSD	1.475967	1.809775	.4399580	1.494047	.2683784	.3229810

#1	4.938172	5.142692	5.024218	4.993439	4.926603	3.749877
#2	4.909321	5.030603	5.011125	4.953908	4.944850	3.773880
#3	4.801442	4.961803	4.981253	4.850704	4.952396	3.765199

Elem	Sr4077
Units	ppm
Avg	3.752256
Stddev	.013838
%RSD	.3687990

#1	3.736752
#2	3.763358
#3	3.756658

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	600.5493	1034.868	29899.42	10978.74	1882.873
Stddev	7.9471	13.664	525.97	17.68	21.984
%RSD	1.323309	1.320335	1.759146	.1610100	1.167601

#1	592.2898	1024.234	29332.47	10973.28	1862.291
#2	601.2159	1030.091	29994.28	10964.44	1880.294
#3	608.1421	1050.279	30371.51	10998.50	1906.033

Sample Name: CCB090 Acquired: 9/29/2017 14:19:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB090 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001005	-.000868	.0009894	-.001542	.0011244	.0124897
Stddev	.003625	.001353	.0016099	.001388	.0005182	.0019496
%RSD	360.7875	155.8903	162.7128	89.99389	46.08522	15.60966

#1	.003037	-.001345	.0002134	-.000112	.0005278	.0108157
#2	-.002084	-.001918	.0028404	-.002884	.0013838	.0146302
#3	-.003968	.000659	-.000085	-.001632	.0014618	.0120232

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000568	-.000079	.0001100	.0111348	.0000687	.0003915
Stddev	.000291	.000048	.0001204	.0066721	.0004776	.0001293
%RSD	51.25930	60.84547	109.4661	59.92111	695.2534	33.01468

#1	-.000281	-.000133	-.000012	.0069138	.0006195	.0003695
#2	-.000863	-.000039	.000112	.0188268	-.000184	.0002747
#3	-.000562	-.000066	.000229	.0076636	-.000230	.0005304

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002142	.0133106	.0002469	.0127900	.0003977	.0000169
Stddev	.0005866	.0054093	.0000999	.0150148	.0002857	.0001062
%RSD	273.8319	40.63889	40.47080	117.3945	71.84050	627.4157

#1	.0008833	.0070731	.0002632	-.001963	.0000678	.0000518
#2	-.000212	.0167133	.0003377	.012279	.0005640	.0001013
#3	-.000029	.0161454	.0001399	.028054	.0005613	-.000102

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.066625	-.001980	-.003139	.0175534	.0009286	F .0101579
Stddev	.032800	.002095	.001122	.0218343	.0033653	.0008787
%RSD	49.23010	105.8299	35.73796	124.3880	362.3907	8.650072

#1	-.035267	-.002330	-.004279	.0325723	-.001125	.0106855
#2	-.063912	.000268	-.003102	.0275814	-.000902	.0091436
#3	-.100698	-.003878	-.002036	-.007493	.004812	.0106447

Sample Name: CCB090 Acquired: 9/29/2017 14:19:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB090 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005252	-.006261	.0002213	.0005472	.0003174	.0008019
Stddev	.0000538	.003943	.0003192	.0009843	.0001731	.0002152
%RSD	10.24203	62.97482	144.2215	179.8752	54.54094	26.83109

#1	.0005397	-.001837	-.000061	.0016624	.0005055	.0010495
#2	.0004656	-.009405	.000568	-.000201	.0002821	.0006606
#3	.0005702	-.007542	.000158	.000180	.0001647	.0006955

Elem	Sr4077
Units	ppm
Avg	.0000081
Stddev	.0000127
%RSD	156.4426

#1	-.000005
#2	.000009
#3	.000020

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	747.7641	1291.937	36488.28	12286.44	2962.060
Stddev	5.6189	3.433	280.87	34.67	6.921
%RSD	.7514282	.2657268	.7697499	.2821440	.2336460

#1	754.1667	1294.759	36668.12	12250.85	2970.051
#2	745.4728	1292.936	36632.09	12320.10	2958.156
#3	743.6530	1288.115	36164.63	12288.38	2957.973

Sample Name: PB102665BL Acquired: 9/29/2017 14:24:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006901	.0006587	.0003587	.0007262	-.001172	-.000018	-.000489
Stddev	.005157	.0039187	.0006941	.0010230	.001856	.000916	.000093
%RSD	74.73406	594.8922	193.5196	140.8646	158.4425	5081.244	19.05212

#1	-.011522	.0018688	-.000120	.0014266	-.002813	.000838	-.000515
#2	-.007843	-.003722	.001155	-.000448	.000843	.000092	-.000567
#3	-.001337	.003830	.000041	.001200	-.001544	-.000984	-.000386

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000066	.0000050	-.008889	-.000086	-.000015	-.000036	.0029180
Stddev	.000037	.0000391	.011798	.000754	.000059	.001054	.0021739
%RSD	56.20617	775.1630	132.7245	882.0316	389.6512	2920.854	74.50034

#1	-.000028	-.000038	.004620	-.000854	-.000042	.001104	.0004228
#2	-.000068	.000038	-.017166	-.000055	-.000055	-.000974	.0039278
#3	-.000102	.000016	-.014122	.000653	.000052	-.000239	.0044034

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002331	-.001618	.0002762	.0000538	-.006576	.0012715	-.001553
Stddev	.0000396	.014770	.0003111	.0001376	.070842	.0017411	.001183
%RSD	16.97691	913.0232	112.6185	255.7531	1077.320	136.9330	76.18841

#1	.0002253	.015427	-.000054	-.000040	-.079090	.0029122	-.002186
#2	.0001980	-.010632	.000564	-.000010	.062466	-.000555	-.002285
#3	.0002760	-.009648	.000318	.000212	-.003103	.001458	-.000188

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.012244	-.000228	.0050222	.0002449	-.016384	.0002350	.0003052
Stddev	.010848	.007732	.0009696	.0001746	.004539	.0008199	.0006820
%RSD	88.59705	3395.927	19.30578	71.30258	27.70103	348.8191	223.4572

#1	-.000079	-.004068	.0051854	.0003485	-.017399	.0000329	-.000408
#2	-.015739	-.005287	.0058999	.0003429	-.020329	.0011371	.000373
#3	-.020913	.008672	.0039814	.0000433	-.011424	-.000465	.000951

Sample Name: PB102665BL Acquired: 9/29/2017 14:24:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000136	.0001470	-.000102
Stddev	.000114	.0001150	.000021
%RSD	83.98739	78.20366	20.71656

#1	-.000049	.0000316	-.000080
#2	-.000266	.0002615	-.000102
#3	-.000094	.0001479	-.000122

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	762.3462	1333.019	37006.52	12348.02	3028.265
Stddev	6.3410	7.437	151.08	32.29	6.696
%RSD	.8317686	.5579382	.4082465	.2615155	.2211012

#1	755.3640	1328.034	36833.32	12313.48	3025.345
#2	763.9283	1329.456	37075.05	12353.13	3023.525
#3	767.7464	1341.568	37111.19	12377.45	3035.925

Sample Name: PB102665BS Acquired: 9/29/2017 14:28:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0172565	.0579580	.0214905	.0684937	.1101953	.3733727
Stddev	.0025107	.0031235	.0002237	.0025513	.0014233	.0127657
%RSD	14.54924	5.389303	1.041129	3.724898	1.291624	3.419012

#1	.0147491	.0606227	.0214495	.0660116	.1090698	.3642597
#2	.0172498	.0545206	.0217319	.0683606	.1097210	.3879630
#3	.0197704	.0587306	.0212901	.0711090	.1117953	.3678955

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3038950	.0112239	.0107457	9.536302	.0238904	.0950407
Stddev	.0080192	.0003146	.0000856	.256499	.0002180	.0005530
%RSD	2.638809	2.803025	.7967601	2.689711	.9125452	.5818492

#1	.2989677	.0111253	.0108338	9.342863	.0240992	.0944058
#2	.3131483	.0115760	.0107406	9.827257	.0236642	.0954168
#3	.2995690	.0109704	.0106628	9.438784	.0239078	.0952995

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0482083	.2329345	.0330379	10.62601	.0800468	.0189133
Stddev	.0003420	.0170621	.0016865	.25545	.0001866	.0000946
%RSD	.7095096	7.324835	5.104748	2.404046	.2330716	.5004436

#1	.0481196	.2450387	.0313643	10.51399	.0798324	.0188565
#2	.0485859	.2403445	.0347370	10.91834	.0801356	.0190225
#3	.0479193	.2134202	.0330123	10.44570	.0801723	.0188607

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.568922	.1054653	.1040036	9.220586	F .0635108	F .0275107
Stddev	.188345	.0021704	.0022352	.290025	.0009591	.0008610
%RSD	1.968303	2.057895	2.149194	3.145402	1.510066	3.129803

#1	9.393513	.1032118	.1034510	9.050660	.0645160	.0267301
#2	9.767972	.1075417	.1020965	9.555465	.0626058	.0284342
#3	9.545282	.1056424	.1064633	9.055632	.0634105	.0273677

Sample Name: PB102665BS Acquired: 9/29/2017 14:28:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0227694	.1423489	.1969968	F .0133761	.1997314	.0675073
Stddev	.0004667	.0033455	.0046221	.0023152	.0054630	.0021157
%RSD	2.049891	2.350182	2.346299	17.30846	2.735188	3.133961

#1	.0223901	.1439491	.1946802	.0136802	.1950115	.0665105
#2	.0226275	.1445937	.2023192	.0155242	.2057158	.0699372
#3	.0232907	.1385038	.1939911	.0109239	.1984669	.0660742

Elem	Sr4077
Units	ppm
Avg	.1580117
Stddev	.0043843
%RSD	2.774656

#1	.1549804
#2	.1630389
#3	.1560159

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	731.4135	1274.980	34767.83	11603.92	2772.437
Stddev	2.4156	5.224	140.57	276.89	2.763
%RSD	.3302584	.4097251	.4043026	2.386214	.0996472

#1	729.4824	1277.887	34613.88	11767.07	2775.372
#2	730.6359	1278.104	34800.27	11284.21	2772.052
#3	734.1220	1268.950	34889.34	11760.47	2769.887

Sample Name: PB102666BL Acquired: 9/29/2017 14:33:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001769	-.002281	-.000867	.0021762	-.000322	-.000162	-.001351
Stddev	.002376	.000726	.000632	.0023002	.000982	.004363	.000280
%RSD	134.3165	31.82204	72.83235	105.7012	305.1647	2699.429	20.70751

#1	-.004505	-.001444	-.000678	-.000467	.000567	.000574	-.001260
#2	-.000220	-.002739	-.000352	.003271	-.000156	-.004845	-.001665
#3	-.000582	-.002659	-.001572	.003724	-.001377	.003787	-.001128

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000087	.0000054	-.009935	-.000240	.0000316	.0006869	-.002421
Stddev	.000078	.0001362	.006793	.000854	.0002129	.0001741	.003106
%RSD	90.28997	2513.941	68.37968	355.3442	673.4712	25.33694	128.3007

#1	-.000015	-.000075	-.002945	-.001224	-.000155	.0007099	.001165
#2	-.000170	.000163	-.010346	.000195	.000264	.0008483	-.004270
#3	-.000074	-.000071	-.016513	.000308	-.000014	.0005025	-.004158

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000092	.0043341	-.000002	-.000028	-.076699	-.000307	-.002877
Stddev	.0004029	.0057986	.000573	.000149	.098066	.000672	.000728
%RSD	4390.958	133.7884	38163.51	532.5295	127.8582	219.1834	25.29204

#1	-.000410	.0038899	.000655	-.000016	-.015504	.000450	-.002050
#2	.000044	.0103420	-.000402	-.000183	-.024784	-.000537	-.003163
#3	.000393	-.001230	-.000258	.000115	-.189810	-.000833	-.003418

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061323	-.003182	.0028335	.0000459	-.011845	.0001739	-.000779
Stddev	.0190270	.008601	.0004574	.0001664	.005012	.0013829	.000934
%RSD	310.2738	270.2886	16.14315	362.1563	42.31447	795.2106	119.8810

#1	.0072118	.006732	.0030155	-.000144	-.015480	.0009996	-.001636
#2	-.013411	-.007632	.0023131	.000116	-.013927	-.001423	.000216
#3	.024597	-.008646	.0031719	.000166	-.006127	.000945	-.000918

Sample Name: PB102666BL Acquired: 9/29/2017 14:33:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000015	.0000595	-.000128
Stddev	.000220	.0002103	.000023
%RSD	1471.798	353.3764	18.26483

#1	.000097	-.000071	-.000147
#2	-.000268	-.000053	-.000102
#3	.000126	.000302	-.000135

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	739.2653	1270.144	35988.25	12027.58	2898.789
Stddev	.7679	4.230	106.83	23.50	9.842
%RSD	.1038668	.3330207	.2968580	.1953812	.3395278

#1	739.4723	1274.153	36018.42	12016.50	2909.907
#2	738.4151	1265.723	35869.57	12011.67	2891.192
#3	739.9083	1270.556	36076.75	12054.57	2895.267

Sample Name: PB102666BS Acquired: 9/29/2017 14:37:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193930	.0575831	.0195956	.0633218	.1082117	.3555341
Stddev	.0023534	.0008879	.0023623	.0018630	.0008762	.0016427
%RSD	12.13506	1.542032	12.05516	2.942083	.8097506	.4620369

#1	.0193824	.0566141	.0218815	.0622165	.1073439	.3568765
#2	.0170449	.0583578	.0197415	.0654727	.1081950	.3560236
#3	.0217516	.0577774	.0171637	.0622762	.1090962	.3537024

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2947477	.0103468	.0102486	8.809775	.0219282	.0896826
Stddev	.0019875	.0002502	.0001105	.037703	.0000867	.0003799
%RSD	.6743054	2.417700	1.078427	.4279708	.3955454	.4236418

#1	.2966303	.0103484	.0102030	8.824091	.0219282	.0899891
#2	.2949431	.0100959	.0101682	8.767011	.0220149	.0892575
#3	.2926697	.0105962	.0103747	8.838224	.0218415	.0898012

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0450080	.2180988	.0302764	9.923755	.0759110	.0177728
Stddev	.0004114	.0132186	.0004519	.043595	.0006036	.0001634
%RSD	.9141118	6.060827	1.492439	.4393006	.7951013	.9191608

#1	.0452366	.2102407	.0301401	9.951542	.0761060	.0176003
#2	.0445330	.2106956	.0307807	9.873510	.0763930	.0179251
#3	.0452543	.2333601	.0299084	9.946215	.0752340	.0177930

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.997896	.0981895	.1009815	8.747971	F .0665536	F .0238653
Stddev	.030548	.0010060	.0061867	.032637	.0054485	.0016173
%RSD	.3394985	1.024568	6.126574	.3730798	8.186587	6.776623

#1	9.015082	.0978168	.1058528	8.772883	.0654594	.0231929
#2	8.962626	.0974230	.0940205	8.711026	.0617352	.0226927
#3	9.015980	.0993287	.1030710	8.760004	.0724661	.0257103

Sample Name: PB102666BS Acquired: 9/29/2017 14:37:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0217125	.1377697	.1810515	F .0130171	.1865705	.0639471
Stddev	.0002473	.0047015	.0022195	.0007623	.0009514	.0004002
%RSD	1.139088	3.412572	1.225914	5.856355	.5099643	.6257874

#1	.0219702	.1391553	.1818170	.0137077	.1862668	.0642948
#2	.0214771	.1416227	.1785505	.0131446	.1858079	.0640367
#3	.0216902	.1325311	.1827869	.0121991	.1876367	.0635097

Elem	Sr4077
Units	ppm
Avg	.1488622
Stddev	.0005905
%RSD	.3966465

#1	.1494588
#2	.1482781
#3	.1488498

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	738.1027	1301.956	35668.15	12249.81	2861.906
Stddev	3.4310	3.503	142.19	78.78	6.167
%RSD	.4648469	.2690503	.3986422	.6430816	.2154789

#1	734.3165	1299.592	35562.54	12176.67	2856.136
#2	738.9858	1300.296	35612.08	12333.22	2861.178
#3	741.0059	1305.980	35829.82	12239.55	2868.405

Sample Name: I5319-03 Acquired: 9/29/2017 14:41:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE079 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003174	-.001242	.0005921	-.000735	-.000347	.0165286	-.000696
Stddev	.004761	.001484	.0015114	.001147	.001380	.0030650	.000217
%RSD	149.9962	119.4515	255.2850	156.0670	398.1950	18.54354	31.16503

#1	.001728	.000073	.0019805	-.001963	-.001763	.0198553	-.000804
#2	-.007779	-.002851	.0008137	.000310	-.000271	.0159113	-.000838
#3	-.003470	-.000950	-.001018	-.000553	.000994	.0138193	-.000447

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000236	-.000018	.1402161	.0005273	-.000060	.0001882	.0421405
Stddev	.0000147	.000078	.0081416	.0003113	.000176	.0004945	.0045984
%RSD	62.22373	423.0664	5.806453	59.04032	292.6155	262.7323	10.91201

#1	.0000154	-.000021	.1492487	.0008739	-.000222	-.000300	.0460384
#2	.0000148	.000061	.1379565	.0004367	.000127	.000689	.0433140
#3	.0000405	-.000095	.1334429	.0002714	-.000086	.000176	.0370691

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020509	.0204903	.0013456	-.000100	.1973032	-.000091	.0064785
Stddev	.0006257	.0117022	.0001702	.000231	.0902104	.000089	.0016898
%RSD	30.50999	57.11106	12.65056	231.2652	45.72169	97.71345	26.08366

#1	.0026690	.0293318	.0012501	.000082	.2342232	-.000166	.0075149
#2	.0020659	.0072201	.0015422	-.000361	.0944892	-.000115	.0045286
#3	.0014178	.0249190	.0012446	-.000022	.2631972	.000007	.0073921

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.618658	.0487629	.0015536	.0000112	-.004323	.0304587	-.000980
Stddev	.018297	.0036477	.0002287	.0002433	.000642	.0012565	.000729
%RSD	2.957464	7.480411	14.72381	2178.880	14.85378	4.125362	74.41549

#1	-.638177	.0450533	.0016536	.0002838	-.004531	.0290366	-.001636
#2	-.601897	.0523453	.0017152	-.000184	-.004836	.0309203	-.001107
#3	-.615901	.0488900	.0012918	-.000066	-.003603	.0314190	-.000195

Sample Name: I5319-03 Acquired: 9/29/2017 14:41:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE079 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008088	-.000724	.0000536
Stddev	.0002056	.000103	.0000309
%RSD	25.41726	14.15497	57.67227

#1	.0010014	-.000811	.0000893
#2	.0008325	-.000750	.0000344
#3	.0005923	-.000611	.0000372

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	766.2657	1336.370	36998.56	12269.53	3013.143
Stddev	3.3114	8.824	29.21	7.07	14.490
%RSD	.4321468	.6603055	.0789481	.0576178	.4808979

#1	766.3690	1345.051	36997.29	12276.95	3028.730
#2	762.9039	1336.648	36970.00	12262.88	3010.615
#3	769.5242	1327.410	37028.38	12268.75	3000.083

Sample Name: I5351-11 Acquired: 9/29/2017 14:45:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE0C7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001995	-.000562	.0008471	.0003030	-.003524	.0048650	-.002328
Stddev	.003830	.003354	.0004455	.0027200	.000896	.0027629	.000169
%RSD	191.9603	597.0937	52.58611	897.6337	25.43498	56.79176	7.266455

#1	.002394	-.003711	.0006586	-.002834	-.004434	.0067185	-.002231
#2	-.003718	.002965	.0005269	.001733	-.002642	.0061869	-.002230
#3	-.004662	-.000938	.0013559	.002010	-.003496	.0016894	-.002523

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000114	-.000102	.0224863	-.000730	-.000034	.0007108	.0056256
Stddev	.000100	.000077	.0044634	.000317	.000464	.0005609	.0018691
%RSD	87.26187	75.00466	19.84945	43.49612	1364.305	78.91339	33.22526

#1	-.000113	-.000041	.0175053	-.000777	-.000519	.0002729	.0044859
#2	-.000015	-.000078	.0238306	-.000391	.000406	.0013430	.0046082
#3	-.000214	-.000189	.0261231	-.001021	.000011	.0005164	.0077827

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006116	-.000153	-.000016	.0001734	-.050045	-.000851	.0005114
Stddev	.0001348	.010047	.000548	.0001577	.118128	.001192	.0016963
%RSD	22.03806	6558.055	3447.278	90.95398	236.0419	140.0209	331.6986

#1	.0004739	-.000998	.000484	.0001437	.076457	-.002080	.0023594
#2	.0006176	.010289	-.000601	.0003438	-.157479	.000299	.0001498
#3	.0007433	-.009751	.000070	.0000327	-.069115	-.000772	-.000975

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.639495	.0070576	.0016589	-.000055	-.019403	.0148909	.0006572
Stddev	.010399	.0035405	.0001520	.000209	.003975	.0005417	.0019092
%RSD	1.626186	50.16647	9.164692	377.0724	20.48499	3.637769	290.4845

#1	-.651500	.0102272	.0018251	-.000117	-.023745	.0152137	.0025263
#2	-.633236	.0077091	.0015269	-.000226	-.018521	.0142656	-.001290
#3	-.633750	.0032366	.0016247	.000177	-.015944	.0151935	.000735

Sample Name: I5351-11 Acquired: 9/29/2017 14:45:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE0C7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001774	-.000894	.0000315
Stddev	.0005980	.000077	.0000380
%RSD	337.1174	8.652331	120.7773

#1	-.000447	-.000982	.0000231
#2	.000235	-.000836	-.000002
#3	.000745	-.000863	.000073

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	719.3895	1203.448	35032.90	11662.77	2780.168
Stddev	17.7852	8.733	666.41	41.23	21.344
%RSD	2.472262	.7256843	1.902238	.3534841	.7677164

#1	719.3449	1213.229	34942.41	11680.95	2803.795
#2	737.1969	1200.681	35739.94	11691.78	2774.427
#3	701.6266	1196.433	34416.37	11615.58	2762.281

Sample Name: PB102655BL Acquired: 9/29/2017 14:49:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005068	-.002155	-.000408	-.000565	-.001734	-.001612	-.001682
Stddev	.004833	.000567	.000829	.002932	.000711	.002493	.000525
%RSD	95.36169	26.33239	203.1794	518.5079	40.98967	154.6160	31.21171

#1	.000066	-.002057	.000446	.001033	-.002327	-.002877	-.001086
#2	-.005741	-.001643	-.001209	-.003949	-.000946	-.003220	-.001888
#3	-.009528	-.002765	-.000461	.001220	-.001929	.001260	-.002074

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000105	-.000058	-.003172	-.000027	.0001380	.0006911	-.000376
Stddev	.000037	.000116	.005342	.000352	.0003019	.0006872	.003609
%RSD	35.35767	201.3420	168.4000	1310.138	218.7672	99.42637	960.3263

#1	-.000136	-.000034	.001877	-.000354	.0003854	-.000074	.000974
#2	-.000115	-.000184	-.008765	-.000072	-.000198	.000892	-.004465
#3	-.000064	.000045	-.002629	.000346	.000227	.001255	.002363

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000616	-.010572	-.000415	.0000477	-.042393	-.002126	-.001603
Stddev	.000195	.019601	.000579	.0003575	.091231	.001256	.000854
%RSD	31.63944	185.4109	139.3337	748.9291	215.2049	59.08575	53.26417

#1	-.000841	-.031697	-.001019	-.000073	-.068064	-.003520	-.000813
#2	-.000513	.007026	.000135	.000450	.058924	-.001777	-.001487
#3	-.000494	-.007044	-.000362	-.000233	-.118039	-.001081	-.002508

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.034419	-.001987	.0004717	.0002774	-.010568	-.000683	-.000704
Stddev	.013326	.004434	.0007985	.0002360	.005522	.000328	.000815
%RSD	38.71619	223.1121	169.2797	85.07468	52.25276	47.98123	115.8903

#1	-.049665	-.003295	.0003396	.0003503	-.011144	-.000362	.000072
#2	-.028602	.002954	-.000253	.0000136	-.015778	-.001017	-.000629
#3	-.024991	-.005620	.001328	.0004685	-.004780	-.000671	-.001553

Sample Name: PB102655BL Acquired: 9/29/2017 14:49:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000999	-.000057	-.000143
Stddev	.0003281	.000282	.000010
%RSD	328.5241	498.3073	7.250053

#1	.0004479	-.000377	-.000155
#2	-.000204	.000054	-.000142
#3	.000056	.000153	-.000134

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	721.7175	1261.618	35482.59	11967.49	2899.603
Stddev	14.5277	22.432	553.38	249.26	55.150
%RSD	2.012930	1.778003	1.559578	2.082822	1.901986

#1	711.1521	1266.954	34920.90	12254.82	2925.248
#2	715.7160	1280.900	35499.61	11809.30	2937.261
#3	738.2844	1236.999	36027.26	11838.35	2836.300

Sample Name: I5351-01 Acquired: 9/29/2017 14:58:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE0A6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0794547	-.058181	1.672678	.0016051	.0059981	139.3844	1.254267
Stddev	.0090777	.003390	.022139	.0020901	.0009610	.9049	.002428
%RSD	11.42498	5.826405	1.323564	130.2160	16.02204	.6491945	.1936065

#1	.0889667	-.054834	1.698233	-.000518	.0069090	140.4278	1.256148
#2	.0708849	-.058095	1.660487	.001673	.0049938	138.8141	1.251526
#3	.0785124	-.061612	1.659314	.003660	.0060915	138.9114	1.255127

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089252	.0187722	61.66522	.2064666	.1034482	.5640680	258.6485
Stddev	.0001588	.0000696	.66178	.0009427	.0011439	.0054874	1.5964
%RSD	1.778877	.3707991	1.073187	.4565708	1.105752	.9728287	.6172251

#1	.0088940	.0188203	61.14093	.2065186	.1047006	.5695621	259.7976
#2	.0087843	.0188038	61.44591	.2073822	.1024586	.5585873	256.8256
#3	.0090973	.0186924	62.40882	.2054990	.1031854	.5640547	259.3223

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.399930	52.11988	.3095339	.0097152	1.851020	.2922371	2.067376
Stddev	.040958	.47639	.0045754	.0002024	.020470	.0029969	.009649
%RSD	.7584933	.9140302	1.478146	2.083156	1.105900	1.025496	.4667353

#1	5.407336	52.59773	.3147954	.0097909	1.849569	.2946567	2.065358
#2	5.355773	51.64496	.3064893	.0094859	1.872178	.2888848	2.058896
#3	5.436679	52.11693	.3073168	.0098689	1.831314	.2931698	2.077875

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.06913	32.45185	-.721081	.0068156	4.159526	6.208309	.0738145
Stddev	.15791	.24365	.009600	.0006610	.014358	.125273	.0002720
%RSD	1.208300	.7507977	1.331366	9.698800	.3451735	2.017826	.3684443

#1	13.25030	32.64990	-.732026	.0075400	4.173105	6.350951	.0741273
#2	12.99642	32.52586	-.714087	.0062451	4.160974	6.157801	.0736820
#3	12.96066	32.17977	-.717130	.0066616	4.144500	6.116174	.0736342

Sample Name: I5351-01 Acquired: 9/29/2017 14:58:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE0A6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.148033	.1445206	.1376150
Stddev	.005498	.0019500	.0003286
%RSD	.4788925	1.349308	.2388201

#1	1.153100	.1465396	.1379275
#2	1.142187	.1443744	.1372723
#3	1.148811	.1426478	.1376453

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	686.5193	1262.460	35097.69	12276.78	2310.654
Stddev	1.9918	14.694	68.57	80.86	25.264
%RSD	.2901317	1.163883	.1953767	.6586524	1.093356

#1	684.2584	1245.505	35075.27	12186.50	2281.639
#2	687.2843	1271.471	35043.13	12342.56	2327.777
#3	688.0152	1270.405	35174.66	12301.29	2322.546

Sample Name: I5351-02 Acquired: 9/29/2017 15:02:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE0A7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0798177	-.062597	1.677834	-.009174	.0081320	130.4219	1.229206
Stddev	.0053680	.002696	.020965	.001990	.0032879	1.0815	.008238
%RSD	6.725280	4.306658	1.249545	21.68815	40.43158	.8292190	.6701751

#1	.0762292	-.061567	1.696051	-.008562	.0119201	129.9838	1.226748
#2	.0859888	-.065656	1.654918	-.011398	.0060190	129.6282	1.222477
#3	.0772350	-.060568	1.682534	-.007562	.0064568	131.6537	1.238393

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086357	.0167626	45.78471	.2071660	.1071795	.5299761	243.6236
Stddev	.0001361	.0002913	.73772	.0059717	.0010007	.0052862	3.2063
%RSD	1.576295	1.737748	1.611283	2.882581	.9336604	.9974439	1.316096

#1	.0087828	.0170311	44.99340	.2136844	.1083250	.5302035	240.7129
#2	.0085141	.0164529	45.90721	.2019588	.1064754	.5245799	243.0974
#3	.0086104	.0168037	46.45351	.2058549	.1067382	.5351450	247.0605

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.871727	46.94633	.3114190	.0081300	1.777053	.2792762	1.722303
Stddev	.084314	.51710	.0022640	.0004198	.059499	.0051757	.005087
%RSD	1.730677	1.101471	.7269933	5.163327	3.348171	1.853265	.2953400

#1	4.794915	46.56270	.3133785	.0076453	1.831877	.2750911	1.725574
#2	4.858329	46.74190	.3089406	.0083665	1.713782	.2776739	1.724891
#3	4.961938	47.53439	.3119379	.0083782	1.785499	.2850636	1.716442

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.70645	29.01868	-.682894	.0050752	3.261808	7.281828	.0622504
Stddev	.12922	.35499	.005602	.0005183	.043768	.066449	.0031101
%RSD	1.206982	1.223300	.8203966	10.21301	1.341834	.9125268	4.996174

#1	10.68912	29.37455	-.680546	.0055108	3.305904	7.242474	.0601539
#2	10.58676	28.66458	-.678848	.0045019	3.218375	7.244461	.0658238
#3	10.84346	29.01691	-.689288	.0052128	3.261146	7.358547	.0607734

Sample Name: I5351-02 Acquired: 9/29/2017 15:02:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE0A7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.138381	.1356428	.1128690
Stddev	.013805	.0012479	.0009808
%RSD	1.212668	.9199836	.8689496

#1	1.129296	.1361933	.1123192
#2	1.131581	.1342143	.1122865
#3	1.154267	.1365208	.1140014

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	744.3145	1381.964	37078.99	13428.02	2410.609
Stddev	9.6130	5.913	623.44	114.38	19.891
%RSD	1.291517	.4278439	1.681395	.8518045	.8251358

#1	733.8786	1376.238	36362.63	13512.58	2389.754
#2	746.2572	1388.047	37498.80	13473.60	2429.369
#3	752.8077	1381.606	37375.55	13297.88	2412.705

Sample Name: I5351-03 Acquired: 9/29/2017 15:06:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE0A8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0516526	-.056086	.6835234	-.006067	.0057103	128.2730	.9315248
Stddev	.0049524	.004078	.0013715	.002329	.0016158	.6153	.0028708
%RSD	9.587838	7.271037	.2006507	38.39405	28.29604	.4797155	.3081883

#1	.0485818	-.054847	.6848101	-.003380	.0075423	128.9181	.9347810
#2	.0490102	-.060640	.6836796	-.007302	.0044883	128.2082	.9293586
#3	.0573657	-.052771	.6820805	-.007517	.0051004	127.6925	.9304347

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075711	.0119106	31.71975	.1719472	.0983087	.4083700	223.8535
Stddev	.0002222	.0001291	.01884	.0001407	.0003354	.0049469	1.1570
%RSD	2.934579	1.084223	.0593817	.0818182	.3411267	1.211383	.5168357

#1	.0076653	.0119534	31.71269	.1718978	.0979451	.4138857	224.5283
#2	.0073173	.0120128	31.70547	.1718378	.0986060	.4043256	224.5147
#3	.0077306	.0117654	31.74110	.1721059	.0983749	.4068989	222.5176

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.752120	41.71177	.2426027	.0067102	1.641419	.2536407	.8684370
Stddev	.024652	.25431	.0010699	.0001326	.053455	.0029958	.0021894
%RSD	.4285809	.6096850	.4409925	1.975411	3.256616	1.181121	.2521069

#1	5.771990	41.94689	.2417659	.0066504	1.580480	.2535213	.8661850
#2	5.759838	41.74656	.2422339	.0068622	1.680388	.2566945	.8705579
#3	5.724532	41.44185	.2438081	.0066181	1.663390	.2507064	.8685680

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.475012	20.46322	-.628350	.0030865	1.356254	3.008586	.0420581
Stddev	.051374	.10273	.001653	.0002928	.020924	.012694	.0017580
%RSD	.6061846	.5020012	.2631049	9.487271	1.542811	.4219124	4.179993

#1	8.532838	20.34635	-.629053	.0033646	1.332350	3.023146	.0429151
#2	8.434637	20.53926	-.626461	.0031139	1.371249	2.999849	.0432233
#3	8.457560	20.50404	-.629535	.0027809	1.365164	3.002762	.0400359

Sample Name: I5351-03 Acquired: 9/29/2017 15:06:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE0A8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9829863	.1281338	.0936934
Stddev	.0052813	.0009802	.0002842
%RSD	.5372693	.7649946	.3033374

#1	.9873230	.1292656	.0938856
#2	.9845309	.1275795	.0938277
#3	.9771049	.1275563	.0933670

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	806.0428	1427.765	39264.47	13654.24	2467.760
Stddev	4.4737	2.055	105.43	47.20	2.232
%RSD	.5550140	.1439263	.2685007	.3457151	.0904404

#1	811.1823	1429.335	39309.30	13602.78	2467.093
#2	803.0230	1428.522	39144.04	13664.43	2470.249
#3	803.9231	1425.439	39340.08	13695.52	2465.937

Sample Name: I5351-04 Acquired: 9/29/2017 15:10:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE0A9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0411275	-.053026	.5142431	-.001024	.0056665	129.2507	.7940149
Stddev	.0031307	.003866	.0141108	.004505	.0019476	1.8945	.0131207
%RSD	7.612260	7.290097	2.744004	439.9098	34.37018	1.465787	1.652455

#1	.0445600	-.050916	.4993236	.002563	.0047885	130.2423	.8013680
#2	.0384291	-.050675	.5160305	.000446	.0078985	130.4435	.8018102
#3	.0403933	-.057488	.5273750	-.006081	.0043125	127.0661	.7788665

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070970	.0099050	37.87676	.1670395	.0950913	.4363232	219.5946
Stddev	.0000808	.0008073	.13469	.0014160	.0041658	.0093503	2.2549
%RSD	1.138030	8.149959	.3556046	.8477289	4.380872	2.142966	1.026853

#1	.0071804	.0089818	37.91018	.1657683	.0907232	.4404993	220.7038
#2	.0070191	.0102551	37.99160	.1667846	.0955306	.4428576	221.0800
#3	.0070915	.0104781	37.72851	.1685657	.0990200	.4256126	216.9999

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.978956	41.58513	.2174210	.0065752	1.613982	.2457135	.7161354
Stddev	.068903	.49722	.0078518	.0002411	.021168	.0051233	.0100140
%RSD	1.152420	1.195660	3.611331	3.666382	1.311551	2.085084	1.398344

#1	6.018798	41.74317	.2084327	.0067689	1.637973	.2463570	.7071865
#2	6.018677	41.98411	.2208856	.0066514	1.597934	.2504848	.7269517
#3	5.899395	41.02810	.2229445	.0063052	1.606040	.2402989	.7142679

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.609401	17.29070	-.621952	.0019231	1.008162	3.113196	.0380797
Stddev	.159632	.51366	.005495	.0003765	.031624	.028529	.0041447
%RSD	2.097822	2.970706	.8834769	19.57750	3.136810	.9163824	10.88421

#1	7.707647	16.71448	-.627378	.0016635	.973079	3.142231	.0342315
#2	7.695345	17.45710	-.622087	.0017508	1.016930	3.112156	.0375396
#3	7.425211	17.70053	-.616391	.0023549	1.034477	3.085202	.0424679

Sample Name: I5351-04 Acquired: 9/29/2017 15:10:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE0A9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9370122	.1267614	.0974830
Stddev	.0111373	.0029915	.0014325
%RSD	1.188598	2.359971	1.469490

#1	.9414484	.1282559	.0982573
#2	.9452478	.1287113	.0983618
#3	.9243404	.1233171	.0958300

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	781.2436	1366.108	37880.90	12899.65	2408.237
Stddev	5.5786	29.376	86.06	147.98	69.675
%RSD	.7140669	2.150320	.2271783	1.147142	2.893187

#1	776.5937	1399.319	37816.72	12793.54	2485.715
#2	779.7080	1355.479	37847.28	12836.72	2388.269
#3	787.4292	1343.526	37978.69	13068.69	2350.726

Sample Name: I5351-05 Acquired: 9/29/2017 15:14:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE0B0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0557912	-.060193	1.004748	-.004248	.0053903	130.9594	.9968154
Stddev	.0107092	.000689	.004838	.004409	.0036195	.6663	.0072843
%RSD	19.19505	1.144633	.4815542	103.7776	67.14826	.5087825	.7307573

#1	.0444923	-.060982	1.010217	-.002644	.0015826	130.8925	.9979778
#2	.0657923	-.059710	1.001024	-.000866	.0058021	131.6566	1.003449
#3	.0570891	-.059886	1.003003	-.009234	.0087864	130.3291	.989020

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074956	.0142837	41.54006	.1732189	.0959360	.5163571	231.3965
Stddev	.0001025	.0001986	.27135	.0002958	.0008249	.0031957	.8559
%RSD	1.367512	1.390691	.6532161	.1707472	.8598004	.6188911	.3698683

#1	.0073900	.0143145	41.24494	.1731540	.0968013	.5177438	230.4862
#2	.0075947	.0144651	41.59648	.1735417	.0951585	.5186252	232.1849
#3	.0075020	.0140714	41.77876	.1729609	.0958483	.5127023	231.5184

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.534194	43.04311	.2403067	.0073770	1.859200	.2511205	.9227584
Stddev	.023435	.23820	.0006343	.0001646	.040706	.0025547	.0113938
%RSD	.4234507	.5533912	.2639628	2.230947	2.189421	1.017326	1.234753

#1	5.508630	42.95919	.2410375	.0073783	1.816078	.2492435	.9322921
#2	5.554661	43.31191	.2398991	.0072119	1.864563	.2500882	.9258434
#3	5.539292	42.85824	.2399835	.0075410	1.896958	.2540298	.9101398

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.248477	21.15209	-.660378	.0022787	1.763603	2.446063	.1456467
Stddev	.136530	.07900	.006760	.0003871	.014736	.023847	.0027020
%RSD	1.655219	.3735054	1.023708	16.98870	.8355816	.9749256	1.855187

#1	8.259174	21.09734	-.655974	.0026951	1.780611	2.444898	.1442447
#2	8.379344	21.11627	-.668161	.0019297	1.754665	2.470472	.1487616
#3	8.106912	21.24266	-.656998	.0022113	1.755532	2.422820	.1439339

Sample Name: I5351-05 Acquired: 9/29/2017 15:14:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE0B0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9337646	.1328171	.1092820
Stddev	.0067636	.0022787	.0005745
%RSD	.7243323	1.715670	.5256938

#1	.9320266	.1339278	.1091812
#2	.9412276	.1343275	.1099003
#3	.9280397	.1301960	.1087647

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	761.2597	1308.439	37850.48	13335.11	2342.858
Stddev	8.0430	5.738	69.12	117.80	4.642
%RSD	1.056543	.4385440	.1826142	.8833982	.1981492

#1	752.4015	1315.009	37773.79	13334.62	2347.278
#2	763.2722	1305.902	37907.97	13217.56	2343.272
#3	768.1054	1304.407	37869.68	13453.16	2338.022

Sample Name: I5351-06 Acquired: 9/29/2017 15:18:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE0B1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0887754	-.088830	3.772159	-.004701	.0091680	80.89952	1.931842
Stddev	.0084997	.007752	.005303	.003281	.0007229	.11365	.002208
%RSD	9.574391	8.727330	.1405739	69.79237	7.884877	.1404823	.1143007

#1	.0878015	-.085715	3.767000	-.000970	.0099976	80.78672	1.931113
#2	.0977201	-.083119	3.777595	-.005995	.0088332	80.89783	1.930090
#3	.0808046	-.097655	3.771881	-.007138	.0086732	81.01400	1.934322

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075114	.0384273	164.5311	.1884500	.0976900	.8994631	317.0990
Stddev	.0001092	.0003628	.2684	.0032868	.0011115	.0018020	.8236
%RSD	1.453304	.9441830	.1631177	1.744144	1.137757	.2003446	.2597283

#1	.0075349	.0380494	164.5904	.1854659	.0980885	.9000528	317.5172
#2	.0076069	.0387729	164.2380	.1879110	.0985472	.8974401	316.1503
#3	.0073924	.0384594	164.7649	.1919730	.0964342	.9008965	317.6296

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.372559	95.37340	.3558957	.0115757	2.059115	.2159713	4.360086
Stddev	.024392	.24720	.0016406	.0003183	.018374	.0032548	.017478
%RSD	.3827587	.2591919	.4609818	2.749713	.8923036	1.507059	.4008564

#1	6.391545	95.48578	.3540051	.0119306	2.077722	.2122825	4.368924
#2	6.345050	95.08997	.3567366	.0113155	2.058640	.2171925	4.371380
#3	6.381082	95.54444	.3569455	.0114810	2.040984	.2184388	4.339955

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.72711	35.33544	-.899886	.0173776	7.015386	2.955524	.1166736
Stddev	.03851	.27518	.004913	.0002245	.049212	.007307	.0013465
%RSD	.3590019	.7787668	.5459289	1.292095	.7014824	.2472325	1.154082

#1	10.69010	35.02773	-.898844	.0174492	6.981162	2.950895	.1151413
#2	10.72427	35.42066	-.895577	.0171260	6.993214	2.951730	.1176680
#3	10.76696	35.55793	-.905236	.0175576	7.071784	2.963948	.1172116

Sample Name: I5351-06 Acquired: 9/29/2017 15:18:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE0B1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.083603	.0961796	.1997345
Stddev	.003256	.0004878	.0005599
%RSD	.3004844	.5071596	.2803434

#1	1.083827	.0960239	.1995654
#2	1.080241	.0957886	.1992787
#3	1.086741	.0967262	.2003596

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	678.8307	1187.003	34592.39	12199.81	2119.053
Stddev	4.2167	2.277	127.05	13.41	2.398
%RSD	.6211739	.1918293	.3672783	.1099553	.1131444

#1	675.5487	1186.508	34540.58	12189.13	2121.150
#2	677.3569	1185.014	34499.44	12214.86	2116.439
#3	683.5865	1189.487	34737.16	12195.42	2119.570

Sample Name: I5351-07 Acquired: 9/29/2017 15:22:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE0B2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1357131	-.128298	6.074176	-.012577	.0166385	81.79874	3.824665
Stddev	.0050126	.005464	.034193	.009326	.0031366	.09189	.009177
%RSD	3.693510	4.258993	.5629256	74.15332	18.85175	.1123362	.2399371

#1	.1392274	-.126680	6.037121	-.001929	.0178591	81.77732	3.829935
#2	.1379389	-.134388	6.104510	-.016504	.0130751	81.89945	3.829992
#3	.1299731	-.123825	6.080897	-.019297	.0189814	81.71946	3.814069

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097830	.0623437	146.4559	.2486658	.1265270	1.206532	430.1991
Stddev	.0001656	.0002729	1.4071	.0048829	.0004639	.005757	1.9432
%RSD	1.692382	.4377149	.9607345	1.963651	.3666512	.4771659	.4517053

#1	.0097048	.0626234	145.6217	.2539991	.1269323	1.212947	428.5153
#2	.0096710	.0620782	145.6655	.2475832	.1266278	1.204835	429.7566
#3	.0099732	.0623295	148.0804	.2444150	.1260210	1.201814	432.3254

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.276760	74.01081	.5568604	.0156288	2.766307	.2635787	4.135748
Stddev	.058283	.11719	.0045875	.0005497	.071034	.0029912	.063434
%RSD	.8009443	.1583375	.8238080	3.517396	2.567820	1.134840	1.533792

#1	7.221294	73.91271	.5515665	.0150002	2.727877	.2601372	4.207094
#2	7.271485	73.97915	.5596681	.0160195	2.722768	.2650456	4.085717
#3	7.337501	74.14058	.5593466	.0158667	2.848277	.2655533	4.114433

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.22868	32.78744	-1.26088	.0345067	6.414202	6.686380	.1885059
Stddev	.06189	.17188	.00614	.0006924	.042659	.038913	.0035598
%RSD	.6050634	.5242259	.4867993	2.006596	.6650771	.5819770	1.888405

#1	10.22517	32.64532	-1.26539	.0339475	6.365400	6.707238	.1844115
#2	10.29226	32.97848	-1.26335	.0352812	6.432809	6.710417	.1908675
#3	10.16862	32.73852	-1.25389	.0342915	6.444398	6.641484	.1902387

Sample Name: I5351-07 Acquired: 9/29/2017 15:22:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE0B2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.485624	.1013169	.2771378
Stddev	.008474	.0005591	.0001736
%RSD	.5704331	.5518146	.0626562

#1	1.476545	.1015554	.2771308
#2	1.487001	.1017171	.2773148
#3	1.493326	.1006781	.2769677

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	711.8934	1247.928	36646.37	13042.56	2174.031
Stddev	14.0629	2.919	600.86	50.41	11.501
%RSD	1.975420	.2339200	1.639605	.3864726	.5290195

#1	696.0108	1250.511	35954.56	13007.90	2185.813
#2	716.9067	1244.761	36946.71	13019.40	2162.834
#3	722.7626	1248.512	37037.85	13100.39	2173.446

Sample Name: I5351-08 Acquired: 9/29/2017 15:26:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE0B3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2852439	-.175842	19.45261	-.019936	.0240615	76.69599	7.306833
Stddev	.0035329	.005847	.05888	.005670	.0004979	.69282	.064747
%RSD	1.238550	3.325371	.3027064	28.43975	2.069456	.9033304	.8861122

#1	.2859541	-.181875	19.44215	-.021443	.0246352	75.93962	7.267884
#2	.2883677	-.175452	19.51603	-.013665	.0238086	77.29984	7.381574
#3	.2814098	-.170199	19.39966	-.024700	.0237408	76.84852	7.271041

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0162153	.0845873	124.9210	.3024992	.1512787	1.813972	658.0498
Stddev	.0002273	.0005166	1.5276	.0023667	.0006391	.016641	5.0017
%RSD	1.401636	.6107221	1.222890	.7823843	.4224729	.9173651	.7600856

#1	.0159943	.0850278	123.2372	.3036955	.1517367	1.795717	652.5461
#2	.0164484	.0840187	125.3078	.2997732	.1505486	1.828293	662.3181
#3	.0162031	.0847154	126.2181	.3040290	.1515509	1.817905	659.2853

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.310263	43.35674	.7239138	.0229425	4.491417	.3973458	4.991334
Stddev	.045097	.24511	.0040241	.0002339	.044084	.0042950	.052993
%RSD	.8492428	.5653431	.5558871	1.019660	.9815195	1.080931	1.061709

#1	5.261163	43.13375	.7246100	.0226854	4.520656	.3924294	4.937284
#2	5.349835	43.61919	.7275444	.0229994	4.512883	.4003684	5.043204
#3	5.319790	43.31728	.7195870	.0231428	4.440711	.3992397	4.993514

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.96575	50.58962	-1.98230	.0635475	12.69849	6.798962	.3262934
Stddev	.13270	.16714	.01249	.0004077	.04984	.030633	.0033845
%RSD	1.210104	.3303824	.6298566	.6415207	.3925187	.4505482	1.037268

#1	10.84128	50.53847	-1.97538	.0634373	12.64174	6.771281	.3286890
#2	11.10537	50.77636	-1.99671	.0639990	12.71854	6.831873	.3277697
#3	10.95058	50.45403	-1.97481	.0632063	12.73518	6.793731	.3224215

Sample Name: I5351-08 Acquired: 9/29/2017 15:26:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE0B3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.776626	.0979536	.5943550
Stddev	.027083	.0013221	.0057649
%RSD	.9754050	1.349706	.9699354

#1	2.745353	.0968283	.5878830
#2	2.792389	.0994096	.5989395
#3	2.792135	.0976227	.5962426

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	666.6938	1187.886	34826.05	12325.32	2121.436
Stddev	3.5333	9.323	123.60	91.45	14.176
%RSD	.5299713	.7848007	.3548938	.7419931	.6682148

#1	664.4632	1177.122	34879.34	12404.63	2106.510
#2	664.8506	1193.311	34684.75	12225.29	2123.080
#3	670.7676	1193.226	34914.06	12346.06	2134.718

Sample Name: I5351-09 Acquired: 9/29/2017 15:30:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE0B4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1978498	-.170035	6.432460	-.008182	.0198422	54.46766	7.935582
Stddev	.0079347	.003777	.014491	.002350	.0005439	.13800	.045951
%RSD	4.010485	2.221254	.2252847	28.72041	2.741055	.2533596	.5790482

#1	.2025538	-.165750	6.421377	-.005527	.0203640	54.62608	7.894974
#2	.1886887	-.171474	6.448858	-.009993	.0198839	54.37359	7.985461
#3	.2023070	-.172881	6.427144	-.009027	.0192787	54.40332	7.926310

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0142056	.0568423	98.32720	.2855608	.1106825	1.499653	707.0442
Stddev	.0000844	.0002960	.78863	.0031806	.0007453	.004027	3.0039
%RSD	.5940350	.5207713	.8020472	1.113824	.6734080	.2685205	.4248590

#1	.0141376	.0565119	98.26918	.2843781	.1105872	1.501578	706.7945
#2	.0141791	.0570832	97.56919	.2831409	.1099893	1.502357	704.1730
#3	.0143001	.0569318	99.14325	.2891634	.1114709	1.495025	710.1653

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.785850	31.87938	.5165315	.0222238	4.465425	.4097666	3.077813
Stddev	.022510	.15161	.0014585	.0004237	.028182	.0044749	.023951
%RSD	.5945694	.4755719	.2823560	1.906377	.6311092	1.092056	.7781773

#1	3.763541	31.83381	.5181930	.0224554	4.495815	.4049237	3.088207
#2	3.785455	31.75579	.5154628	.0217348	4.440153	.4106276	3.094810
#3	3.808555	32.04856	.5159386	.0224812	4.460306	.4137484	3.050421

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.796002	24.08463	-2.12520	.0707082	16.32828	5.571483	.2744972
Stddev	.052898	.15501	.01561	.0002192	.02154	.033107	.0036332
%RSD	.5399945	.6435883	.7347064	.3099555	.1319209	.5942242	1.323593

#1	9.842165	23.91087	-2.12457	.0709451	16.32440	5.553815	.2781858
#2	9.807559	24.20870	-2.10991	.0706668	16.30895	5.550958	.2743839
#3	9.738280	24.13431	-2.14112	.0705127	16.35150	5.609676	.2709220

Sample Name: I5351-09 Acquired: 9/29/2017 15:30:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE0B4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.924298	.0615024	.4409598
Stddev	.003569	.0003705	.0007276
%RSD	.0909487	.6024003	.1650048

#1	3.922687	.0616906	.4417489
#2	3.928388	.0617411	.4408154
#3	3.921817	.0610756	.4403153

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	697.2553	1240.764	35669.66	12520.59	2320.833
Stddev	9.2902	6.481	148.52	12.23	9.416
%RSD	1.332395	.5223367	.4163881	.0977149	.4057144

#1	693.8762	1235.458	35584.15	12508.69	2312.140
#2	690.1276	1238.845	35583.66	12533.13	2319.522
#3	707.7621	1247.987	35841.16	12519.95	2330.835

Sample Name: I5351-10 Acquired: 9/29/2017 15:34:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE0B5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2186139	-.155943	4.180522	-.009354	.0100939	66.38811	7.040362
Stddev	.0024977	.001182	.011054	.005568	.0006395	2.15874	.288837
%RSD	1.142514	.7577416	.2644128	59.52100	6.335123	3.251692	4.102593

#1	.2214209	-.157261	4.167897	-.002932	.0096269	68.87778	7.370633
#2	.2166370	-.155587	4.188460	-.012832	.0108227	65.03698	6.915447
#3	.2177837	-.154980	4.185209	-.012297	.0098320	65.24957	6.835005

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0131975	.0398674	204.5839	.2328941	.1053594	1.210967	639.2485
Stddev	.0005250	.0009649	6.6373	.0036656	.0015018	.040755	19.6371
%RSD	3.978038	2.420184	3.244297	1.573935	1.425416	3.365471	3.071907

#1	.0137821	.0388048	212.2461	.2287939	.1038718	1.257905	661.9023
#2	.0130440	.0401084	200.9022	.2340345	.1068751	1.184571	628.7701
#3	.0127663	.0406888	200.6034	.2358540	.1053312	1.190424	627.0730

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.589491	43.20480	.3850842	.0201710	4.803348	.4067243	2.121675
Stddev	.109551	1.23511	.0011140	.0011892	.139452	.0149702	.013985
%RSD	3.052006	2.858729	.2892974	5.895753	2.903224	3.680668	.6591631

#1	3.715231	44.63063	.3839849	.0215374	4.963721	.4240048	2.134101
#2	3.538605	42.51937	.3850555	.0193691	4.735705	.3977056	2.106530
#3	3.514636	42.46440	.3862124	.0196066	4.710619	.3984625	2.124393

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.912111	20.30132	-1.90153	.0587906	15.84322	4.275645	.4706177
Stddev	.341505	.08607	.04956	.0003229	.06996	.113890	.0026789
%RSD	3.445331	.4239512	2.606469	.5492155	.4415767	2.663688	.5692247

#1	10.30622	20.34507	-1.95842	.0591437	15.86115	4.406554	.4705943
#2	9.70355	20.20217	-1.87846	.0585104	15.76605	4.221052	.4679506
#3	9.72656	20.35673	-1.86770	.0587178	15.90248	4.199329	.4733082

Sample Name: I5351-10 Acquired: 9/29/2017 15:34:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE0B5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.557520	.0738866	.4372616
Stddev	.109512	.0021629	.0140889
%RSD	3.078325	2.927265	3.222088

#1	3.683944	.0763838	.4535298
#2	3.491956	.0726084	.4292132
#3	3.496659	.0726676	.4290418

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	693.0039	1225.804	34863.09	11964.23	2228.994
Stddev	6.9259	7.897	188.39	337.24	2.783
%RSD	.9993979	.6442443	.5403689	2.818756	.1248608

#1	686.7061	1217.762	34816.40	11576.18	2225.883
#2	700.4214	1226.102	35070.43	12130.04	2231.248
#3	691.8840	1233.547	34702.43	12186.48	2229.850

Sample Name: I5351-12 Acquired: 9/29/2017 15:38:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE0D8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1378493	-.073302	6.697115	.0006632	.0113818	88.95377	5.593659
Stddev	.0023737	.002340	.140332	.0032208	.0030376	.21177	.009797
%RSD	1.721985	3.192715	2.095412	485.6778	26.68794	.2380641	.1751513

#1	.1402486	-.072954	6.749180	.0031811	.0125609	89.05118	5.597731
#2	.1377974	-.075797	6.803974	-.002966	.0136531	89.09931	5.600765
#3	.1355019	-.071155	6.538191	.001775	.0079315	88.71083	5.582483

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094186	.0348224	538.8225	.3198468	.1149086	1.629390	241.9801
Stddev	.0001741	.0006483	1.4337	.0007692	.0021983	.006555	.6840
%RSD	1.848258	1.861695	.2660750	.2404883	1.913083	.4022917	.2826527

#1	.0093076	.0350875	538.0005	.3190443	.1161463	1.635273	241.3950
#2	.0096192	.0352961	540.4780	.3199185	.1162090	1.630573	242.7320
#3	.0093290	.0340835	537.9891	.3205776	.1123705	1.622324	241.8131

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.179661	130.4297	.5067998	.0128229	2.117646	.2556618	6.894088
Stddev	.042497	.3756	.0108946	.0005965	.097712	.0015839	.048890
%RSD	.5919117	.2879809	2.149693	4.651882	4.614190	.6195297	.7091622

#1	7.148826	130.1709	.5077887	.0133988	2.035176	.2545249	6.944529
#2	7.228138	130.8605	.5171663	.0122077	2.225565	.2549897	6.846912
#3	7.162020	130.2577	.4954444	.0128622	2.092198	.2574710	6.890824

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.39722	63.90302	-.622104	.0120569	10.06804	4.217424	.3147185
Stddev	.06384	1.17371	.002262	.0004533	.20078	.015888	.0061285
%RSD	.3669678	1.836701	.3635290	3.759318	1.994242	.3767254	1.947296

#1	17.40265	64.10627	-.624616	.0116058	10.16031	4.214060	.3168142
#2	17.45817	64.96183	-.621464	.0125122	10.20610	4.234724	.3195242
#3	17.33083	62.64096	-.620231	.0120526	9.83771	4.203487	.3078170

Sample Name: I5351-12 Acquired: 9/29/2017 15:38:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE0D8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7051063	.1266148	.5046716
Stddev	.0025597	.0006626	.0008160
%RSD	.3630277	.5233257	.1616857

#1	.7039820	.1270283	.5051774
#2	.7080358	.1269656	.5051071
#3	.7033012	.1258506	.5037302

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	727.9747	1268.670	36234.87	12768.36	2039.134
Stddev	5.1737	18.720	105.04	46.96	38.233
%RSD	.7106986	1.475538	.2898869	.3677831	1.874938

#1	722.5758	1269.628	36157.62	12775.02	2032.043
#2	732.8892	1249.490	36354.47	12718.42	2004.944
#3	728.4592	1286.893	36192.51	12811.63	2080.416

Sample Name: I5351-13 Acquired: 9/29/2017 15:42:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE0D8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1421701	-.076508	6.826925	.0030944	.0117079	91.71661	5.758192
Stddev	.0049701	.002119	.014292	.0055430	.0033804	.60639	.027222
%RSD	3.495901	2.769276	.2093511	179.1279	28.87306	.6611515	.4727590

#1	.1440274	-.078805	6.842328	.0001922	.0123752	92.06955	5.782275
#2	.1365387	-.074631	6.814092	.0094859	.0147048	92.06385	5.763645
#3	.1459440	-.076087	6.824355	-.000395	.0080435	91.01642	5.728656

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095044	.0362206	536.5005	.3199503	.1177617	1.683905	247.5223
Stddev	.0001413	.0001450	2.3212	.0014158	.0008933	.011214	1.2959
%RSD	1.486855	.4002289	.4326570	.4425122	.7585543	.6659666	.5235672

#1	.0094001	.0363138	534.4824	.3202510	.1180523	1.689963	246.7212
#2	.0094478	.0362944	535.9820	.3184083	.1167593	1.690786	249.0174
#3	.0096652	.0360536	539.0371	.3211917	.1184734	1.670964	246.8281

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.305088	134.1977	.5194041	.0137341	2.072010	.2593205	7.169966
Stddev	.043110	.7745	.0005142	.0001216	.042246	.0038053	.068415
%RSD	.5901306	.5771432	.0989977	.8855780	2.038888	1.467427	.9541881

#1	7.275124	134.3351	.5196703	.0136134	2.043377	.2577973	7.103085
#2	7.354494	134.8943	.5197307	.0137322	2.120530	.2636515	7.239818
#3	7.285645	133.3636	.5188114	.0138567	2.052124	.2565126	7.166995

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.12018	65.96552	-.633900	.0133690	10.25134	4.264696	.3252866
Stddev	.16116	.09661	.002342	.0003304	.01984	.015679	.0012289
%RSD	.8894208	.1464591	.3695159	2.471090	.1935586	.3676484	.3777786

#1	18.20099	65.85556	-.635350	.0137306	10.25225	4.278523	.3260633
#2	18.22496	66.00420	-.635153	.0132937	10.23106	4.267904	.3238698
#3	17.93460	66.03679	-.631198	.0130829	10.27071	4.247661	.3259266

Sample Name: I5351-13 Acquired: 9/29/2017 15:42:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE0D8D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7193488	.1316883	.5191785
Stddev	.0027511	.0011835	.0021585
%RSD	.3824472	.8986866	.4157512

#1	.7222458	.1327274	.5201296
#2	.7190291	.1319373	.5206982
#3	.7167715	.1304001	.5167078

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	685.2654	1192.168	34884.63	12440.15	1939.643
Stddev	6.4364	6.747	121.40	62.20	6.550
%RSD	.9392510	.5659691	.3480145	.4999615	.3376689

#1	689.6540	1184.893	34930.69	12423.08	1932.163
#2	677.8767	1198.222	34746.93	12388.28	1944.349
#3	688.2655	1193.388	34976.26	12509.10	1942.416

Sample Name: I5351-14 Acquired: 9/29/2017 15:46:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE0D8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2081916	.0496071	6.513517	.0863496	.0449512	91.08667	9.071964
Stddev	.0027716	.0012665	.021990	.0018477	.0011952	.55313	.046400
%RSD	1.331263	2.553012	.3376020	2.139791	2.658925	.6072623	.5114652

#1	.2109902	.0491892	6.500186	.0883156	.0462530	91.45307	9.023552
#2	.2054479	.0510297	6.501467	.0846488	.0446973	91.35654	9.076293
#3	.2081366	.0486023	6.538898	.0860845	.0439033	90.45040	9.116048

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0930577	.1318684	508.4208	.6418426	1.116462	2.107629	233.0195
Stddev	.0008854	.0005974	3.2891	.0023942	.003185	.022298	.7879
%RSD	.9514405	.4530031	.6469340	.3730222	.2852470	1.057985	.3381152

#1	.0940689	.1316058	505.4743	.6444884	1.115523	2.107371	233.1605
#2	.0926824	.1314473	507.8187	.6412140	1.113853	2.130055	232.1707
#3	.0924218	.1325521	511.9694	.6398254	1.120011	2.085461	233.7274

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.780027	126.9331	1.504292	.0178604	2.088119	1.148885	7.641910
Stddev	.026338	.5057	.004254	.0002595	.064338	.004551	.082719
%RSD	.3385278	.3984377	.2828145	1.453037	3.081130	.3961492	1.082441

#1	7.787314	127.4889	1.503324	.0176490	2.148404	1.152989	7.547721
#2	7.750813	126.4999	1.500605	.0177821	2.095574	1.149675	7.675264
#3	7.801953	126.8105	1.508947	.0181500	2.020378	1.143990	7.702745

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.43652	61.13787	-.594220	.0124777	9.546752	4.217834	1.489475
Stddev	.13886	.44180	.001917	.0003579	.051904	.020245	.007043
%RSD	.7963904	.7226360	.3225303	2.868116	.5436858	.4799957	.4728285

#1	17.48368	60.63028	-.596298	.0124062	9.492714	4.235073	1.483115
#2	17.54567	61.34748	-.593841	.0121609	9.551322	4.222888	1.488265
#3	17.28022	61.43586	-.592522	.0128659	9.596220	4.195540	1.497044

Sample Name: I5351-14 Acquired: 9/29/2017 15:46:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE0D8S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6612037	.1250737	.4988842
Stddev	.0028014	.0017086	.0014532
%RSD	.4236807	1.366075	.2912839

#1	.6604028	.1260400	.4998086
#2	.6643183	.1260802	.4996349
#3	.6588899	.1231009	.4972093

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	681.3776	1192.385	34837.30	12398.89	1971.456
Stddev	4.2251	.774	102.64	46.07	2.605
%RSD	.6200871	.0649509	.2946198	.3715692	.1321263

#1	685.8098	1192.241	34929.64	12362.76	1971.187
#2	677.3955	1191.692	34726.79	12383.15	1968.996
#3	680.9274	1193.221	34855.45	12450.77	1974.185

Sample Name: I5351-12LX5 Acquired: 9/29/2017 15:50:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE0D8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0333055	-.014490	1.503000	.0014246	.0029223	19.99795	1.286365
Stddev	.0045455	.004473	.003238	.0035095	.0013505	.29098	.020163
%RSD	13.64802	30.87283	.2154261	246.3455	46.21479	1.455025	1.567457

#1	.0315617	-.019203	1.505343	-.000512	.0023049	20.33306	1.309544
#2	.0298900	-.013963	1.499306	-.000690	.0044712	19.85143	1.276681
#3	.0384647	-.010303	1.504353	.005476	.0019908	19.80936	1.272872

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021609	.0066700	122.1769	.0853559	.0223641	.3672647	60.60359
Stddev	.0000521	.0002221	2.0518	.0004385	.0004215	.0065755	.93086
%RSD	2.412377	3.329400	1.679353	.5137199	1.884876	1.790387	1.535983

#1	.0022198	.0068609	124.5431	.0848533	.0221638	.3748569	61.67843
#2	.0021423	.0067229	121.0972	.0855542	.0220801	.3635403	60.05913
#3	.0021206	.0064263	120.8904	.0856602	.0228485	.3633969	60.07322

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.773913	31.83253	.1126350	.0033092	.3838822	.0627806	1.565787
Stddev	.028646	.52557	.0005590	.0002307	.0249573	.0015160	.012130
%RSD	1.614853	1.651036	.4963322	6.970951	6.501281	2.414789	.7746653

#1	1.806934	32.43292	.1127819	.0033531	.3814865	.0643505	1.566816
#2	1.755726	31.60896	.1131058	.0030597	.4099509	.0613250	1.577370
#3	1.759079	31.45571	.1120171	.0035147	.3602091	.0626664	1.553176

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.088341	12.77033	-.143231	.0039570	2.030233	.7882137	.0696481
Stddev	.094194	.06988	.002854	.0003156	.015747	.0160580	.0001261
%RSD	2.303965	.5472030	1.992592	7.974727	.7756392	2.037265	.1810089

#1	4.193738	12.69349	-.146138	.0040714	2.042834	.8060769	.0697662
#2	4.012380	12.83008	-.140434	.0041994	2.035286	.7749765	.0695154
#3	4.058905	12.78743	-.143121	.0036002	2.012579	.7835877	.0696626

Sample Name: I5351-12LX5 Acquired: 9/29/2017 15:50:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE0D8L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1645925	.0285166	.1203794
Stddev	.0017454	.0006083	.0020314
%RSD	1.060424	2.133019	1.687512

#1	.1665736	.0291001	.1227124
#2	.1639221	.0278863	.1194243
#3	.1632816	.0285633	.1190015

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	685.1033	1168.488	33568.35	11458.30	2385.570
Stddev	4.0002	4.869	109.72	172.45	9.291
%RSD	.5838850	.4167255	.3268556	1.505016	.3894519

#1	685.3231	1168.326	33695.00	11259.17	2383.359
#2	680.9977	1173.437	33507.91	11557.78	2395.767
#3	688.9891	1163.702	33502.14	11557.94	2377.585

Sample Name: CCV091 Acquired: 9/29/2017 15:54:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV091 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.158626	4.848152	24.67160	5.121074	5.206289	400.3616
Stddev	.037955	.028482	.15080	.042048	.044539	1.4260
%RSD	.7357566	.5874713	.6112463	.8210730	.8554785	.3561900

#1	5.199638	4.881036	24.83772	5.161933	5.252921	399.2140
#2	5.151506	4.832144	24.54332	5.123359	5.201754	401.9581
#3	5.124736	4.831276	24.63377	5.077930	5.164191	399.9128

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.43560	.5358734	2.584688	400.4201	15.87239	2.539265
Stddev	.04725	.0043191	.017784	3.0040	.06460	.018723
%RSD	.4527666	.8059916	.6880559	.7502192	.4070273	.7373574

#1	10.47592	.5364060	2.604560	397.9827	15.84205	2.560848
#2	10.38361	.5399014	2.570268	403.7762	15.94658	2.527381
#3	10.44728	.5313127	2.579236	399.5015	15.82854	2.529566

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.87633	408.8095	15.45863	419.4114	2.538875	1.360402
Stddev	.17694	2.6031	.09561	1.8227	.019737	.003430
%RSD	1.114471	.6367538	.6184601	.4345754	.7773774	.2521281

#1	16.06892	406.8233	15.37051	418.6455	2.561665	1.358259
#2	15.83909	411.7564	15.56028	421.4920	2.527607	1.358588
#3	15.72098	407.8488	15.44511	418.0966	2.527354	1.364358

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	400.9897	2.588081	15.61127	161.9096	F .4272343	F 4.359992
Stddev	2.1048	.015420	.01340	1.4091	.0169703	.034131
%RSD	.5248897	.5958149	.0858568	.8702748	3.972133	.7828256

#1	402.9624	2.576491	15.61661	163.4966	.4128642	4.362504
#2	401.2329	2.605582	15.62119	161.4269	.4459570	4.392798
#3	398.7740	2.582169	15.59602	160.8054	.4228818	4.324674

Sample Name: CCV091 Acquired: 9/29/2017 15:54:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV091 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.150867	5.232992	5.160574	5.100143	5.167463	4.046694
Stddev	.040512	.017712	.033624	.033304	.022993	.047480
%RSD	.7865029	.3384685	.6515629	.6530063	.4449583	1.173294

#1	5.196694	5.253115	5.154378	5.138425	5.167247	4.099695
#2	5.136085	5.219763	5.196866	5.084171	5.190563	4.032336
#3	5.119822	5.226099	5.130479	5.077833	5.144578	4.008050

Elem	Sr4077
Units	ppm
Avg	3.984950
Stddev	.002713
%RSD	.0680725

#1	3.987507
#2	3.985237
#3	3.982105

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	548.4650	977.6456	28010.71	10389.24	1807.004
Stddev	3.0863	9.3377	87.51	52.09	15.776
%RSD	.5627231	.9551216	.3124142	.5013423	.8730260

#1	544.9875	967.7135	27934.95	10350.09	1789.356
#2	550.8790	978.9774	28106.50	10369.27	1811.918
#3	549.5284	986.2459	27990.69	10448.35	1819.737

Sample Name: CCB091 Acquired: 9/29/2017 15:58:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB091 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001989	.0005902	.0010230	.0020368	-.000639	.0013085	.0000037
Stddev	.003231	.0019181	.0021726	.0038689	.000842	.0042439	.0000287
%RSD	162.4353	324.9789	212.3817	189.9495	131.8057	324.3409	781.5945

#1	-.000485	.0026165	.0026904	.0033356	-.000689	.0057592	.0000235
#2	.000216	.0003516	.0018126	-.002314	-.001454	-.002693	.0000167
#3	-.005698	-.001197	-.001434	.005089	.000227	.000859	-.000029

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000047	-.000042	-.000291	-.000162	-.000068	-.000142	.0088270
Stddev	.000017	.000047	.002776	.000189	.000262	.000872	.0069484
%RSD	37.01063	112.2261	954.9260	116.8138	388.3971	615.4845	78.71752

#1	-.000027	.000008	-.001676	-.000226	.000033	.000808	.0136444
#2	-.000058	-.000048	.002905	-.000310	-.000365	-.000326	.0119748
#3	-.000056	-.000085	-.002102	.000051	.000129	-.000906	.0008618

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000673	.0063282	.0000593	-.000283	-.048080	-.000978	-.003201
Stddev	.0003811	.0086975	.0003470	.000074	.077296	.001053	.001850
%RSD	566.2842	137.4391	584.7246	26.12700	160.7652	107.6592	57.78959

#1	.0000990	.0078566	.0002619	-.000289	.041120	-.001794	-.004967
#2	-.000329	.0141602	-.000341	-.000206	-.090006	.000210	-.001277
#3	.000432	-.003032	.000258	-.000353	-.095354	-.001350	-.003360

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051684	.0054595	.0078161	.0005054	-.012640	-.000493	.0005860
Stddev	.0150019	.0074543	.0009170	.0000642	.001953	.000316	.0010029
%RSD	290.2625	136.5373	11.73254	12.71062	15.45048	64.12954	171.1506

#1	-.009768	-.003138	.0088191	.0005702	-.010638	-.000351	.0004198
#2	.005039	.009407	.0070207	.0004417	-.014540	-.000273	.0016616
#3	.020235	.010110	.0076086	.0005043	-.012742	-.000856	-.000323

Sample Name: CCB091 Acquired: 9/29/2017 15:58:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB091 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003463	.0002049	-.000081
Stddev	.0001784	.0002139	.000012
%RSD	51.52044	104.3822	15.36453

#1	.0001404	.0003347	-.000067
#2	.0004562	.0003221	-.000084
#3	.0004422	-.000042	-.000092

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	772.4987	1352.265	37227.74	12342.84	3029.399
Stddev	2.8050	6.875	256.27	60.76	14.588
%RSD	.3631064	.5084113	.6883723	.4922944	.4815424

#1	774.8142	1347.174	37001.02	12274.45	3017.410
#2	773.3022	1349.535	37505.78	12363.48	3025.146
#3	769.3796	1360.085	37176.41	12390.60	3045.641

Sample Name: PB102653BL Acquired: 9/29/2017 16:03:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002913	-.002704	.0015505	.0007883	.0009056	.0026982	-.000485
Stddev	.007532	.000789	.0012376	.0034761	.0006586	.0025288	.000214
%RSD	258.5630	29.18539	79.82077	440.9810	72.72279	93.72173	44.23095

#1	.005773	-.001924	.0024444	-.001206	.0009476	.0041156	-.000676
#2	-.007634	-.002687	.0020692	-.001231	.0002271	.0042003	-.000526
#3	-.006879	-.003502	.0001379	.004802	.0015423	-.000221	-.000253

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000117	.0000891	-.010196	-.000893	-.000141	-.000843	-.003737
Stddev	.000043	.0001192	.004670	.000771	.000291	.000631	.002263
%RSD	37.09041	133.7795	45.80203	86.25891	206.2389	74.80100	60.54070

#1	-.000068	.0001567	-.008396	-.000078	-.000418	-.000847	-.006346
#2	-.000131	.0001592	-.015497	-.000994	-.000168	-.001472	-.002309
#3	-.000151	-.000049	-.006693	-.001609	.000162	-.000211	-.002557

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000028	-.003504	-.000045	-.000110	-.097147	-.000339	-.000480
Stddev	.000247	.014932	.000150	.000126	.095700	.002122	.002695
%RSD	874.1789	426.1792	335.4399	114.3846	98.51019	626.5521	561.4959

#1	.000026	.011306	.000121	.000012	-.045473	.002106	.002527
#2	.000187	-.003262	-.000083	-.000103	-.038393	-.001702	-.002679
#3	-.000298	-.018555	-.000173	-.000239	-.207576	-.001420	-.001288

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0211597	-.005213	.0040933	.0002862	-.014237	-.000580	.0005755
Stddev	.0229988	.004395	.0005085	.0000858	.004494	.000598	.0012045
%RSD	108.6912	84.31003	12.42228	29.96566	31.56736	103.1268	209.3074

#1	.0379689	-.010109	.0035839	.0002688	-.017175	-.000055	.0003490
#2	-.005050	-.001607	.0046008	.0002105	-.009063	-.001231	-.000500
#3	.030561	-.003923	.0040951	.0003794	-.016472	-.000453	.001877

Sample Name: PB102653BL Acquired: 9/29/2017 16:03:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000422	.0001889	-.000130
Stddev	.000091	.0001255	.000016
%RSD	21.47292	66.47024	12.17141

#1	-.000386	.0001844	-.000112
#2	-.000354	.0003166	-.000135
#3	-.000525	.0000656	-.000142

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	756.8428	1322.299	36047.05	11959.57	2936.523
Stddev	2.6779	9.289	197.88	14.55	8.314
%RSD	.3538258	.7025198	.5489523	.1216738	.2831148

#1	756.3693	1320.520	36023.72	11958.55	2934.077
#2	759.7258	1332.349	36255.56	11974.60	2945.785
#3	754.4332	1314.028	35861.86	11945.55	2929.706

Sample Name: I5319-01 Acquired: 9/29/2017 16:11:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE077 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1156835	-.049122	2.735391	.0012275	.0049357	83.65236	1.723514
Stddev	.0020775	.002576	.005582	.0028403	.0001297	.14267	.008440
%RSD	1.795887	5.244485	.2040589	231.3858	2.626736	.1705520	.4896904

#1	.1169602	-.051719	2.735997	-.000295	.0050749	83.78016	1.732327
#2	.1132863	-.049081	2.740644	.004504	.0049138	83.49843	1.715505
#3	.1168041	-.046567	2.729530	-.000527	.0048183	83.67849	1.722709

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064264	.0135424	401.3393	.1419706	.0704757	.5488256	165.4182
Stddev	.0000122	.0003639	1.8152	.0007440	.0006444	.0018140	1.3493
%RSD	.1901582	2.687131	.4522979	.5240738	.9142979	.3305228	.8156710

#1	.0064153	.0134279	400.2001	.1425414	.0705675	.5499865	163.9291
#2	.0064395	.0132494	400.3851	.1422412	.0710693	.5497551	165.7658
#3	.0064244	.0139497	403.4326	.1411291	.0697904	.5467353	166.5596

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.546628	96.71357	.1678708	.0078509	1.479168	.1705468	1.526590
Stddev	.045518	.24925	.0003619	.0002139	.074110	.0033238	.013428
%RSD	.8206435	.2577200	.2155888	2.723993	5.010236	1.948934	.8796245

#1	5.497673	96.43412	.1682356	.0079860	1.549579	.1677831	1.519766
#2	5.554537	96.91295	.1675118	.0079624	1.401844	.1696221	1.517944
#3	5.587673	96.79363	.1678651	.0076044	1.486082	.1742350	1.542060

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.96787	42.56846	-.419715	.0035860	6.102497	3.773913	.1515740
Stddev	.01467	.30546	.001448	.0002319	.010377	.009497	.0016533
%RSD	.1337870	.7175727	.3449037	6.467204	.1700373	.2516605	1.090766

#1	10.95478	42.30900	-.419894	.0033517	6.096683	3.763035	.1499141
#2	10.98373	42.49128	-.421066	.0038155	6.096331	3.778144	.1515871
#3	10.96510	42.90511	-.418187	.0035909	6.114477	3.780560	.1532207

Sample Name: I5319-01 Acquired: 9/29/2017 16:11:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE077 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5867233	.1120393	.4322530
Stddev	.0005742	.0003369	.0010023
%RSD	.0978704	.3006590	.2318684

#1	.5861918	.1123753	.4328340
#2	.5866457	.1120411	.4310957
#3	.5873324	.1117016	.4328293

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	766.5658	1333.013	37867.28	13301.74	2177.916
Stddev	4.0327	7.715	41.80	39.41	5.818
%RSD	.5260727	.5787495	.1103860	.2962413	.2671546

#1	769.8670	1337.842	37907.35	13343.69	2182.489
#2	767.7593	1337.082	37823.94	13296.03	2179.891
#3	762.0711	1324.115	37870.56	13265.50	2171.367

Sample Name: I5319-02 Acquired: 9/29/2017 16:15:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE078 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0914677	-.052822	3.566773	.0000523	.0060828	93.31858	1.685013
Stddev	.0053882	.005168	.005717	.0005537	.0011742	.39887	.003312
%RSD	5.890780	9.783381	.1602895	1059.137	19.30322	.4274285	.1965799

#1	.0967266	-.058702	3.567733	.0006834	.0070940	92.96283	1.681224
#2	.0859590	-.049001	3.560637	-.000175	.0047950	93.74979	1.686463
#3	.0917174	-.050764	3.571949	-.000352	.0063593	93.24311	1.687354

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064333	.0140171	397.0908	.1487981	.0693232	.5015182	168.4902
Stddev	.0001288	.0002113	2.1983	.0014983	.0004570	.0015754	1.1528
%RSD	2.001609	1.507695	.5536039	1.006911	.6592290	.3141244	.6841999

#1	.0064702	.0137812	397.4192	.1491386	.0698404	.4997776	169.1445
#2	.0065395	.0140811	399.1065	.1471588	.0689741	.5019307	169.1670
#3	.0062901	.0141891	394.7468	.1500968	.0691549	.5028463	167.1591

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.725371	88.78133	.1750528	.0079857	1.546618	.1752070	1.344662
Stddev	.043141	.61019	.0009773	.0001980	.086477	.0036632	.009090
%RSD	.7535017	.6872913	.5582977	2.479379	5.591333	2.090776	.6759915

#1	5.749278	89.20813	.1756855	.0081419	1.521285	.1783560	1.351007
#2	5.751266	89.05342	.1739272	.0080522	1.642932	.1760783	1.334248
#3	5.675570	88.08243	.1755456	.0077630	1.475638	.1711867	1.348729

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.69820	43.95343	-.421734	.0033055	6.373896	4.429814	.1053110
Stddev	.12937	.31566	.003251	.0002265	.039460	.019383	.0013525
%RSD	1.105925	.7181706	.7708838	6.852913	.6190918	.4375528	1.284310

#1	11.54911	43.63825	-.421298	.0030757	6.328342	4.436479	.1060271
#2	11.78086	44.26957	-.425181	.0033122	6.395829	4.444985	.1061549
#3	11.76463	43.95246	-.418723	.0035286	6.397518	4.407978	.1037509

Sample Name: I5319-02 Acquired: 9/29/2017 16:15:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE078 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5924819	.1206050	.4618380
Stddev	.0025517	.0008400	.0002876
%RSD	.4306853	.6964446	.0622630

#1	.5940977	.1197570	.4616697
#2	.5938078	.1214367	.4621700
#3	.5895401	.1206214	.4616743

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	738.6752	1280.731	36953.67	13101.31	2109.968
Stddev	1.0460	11.312	23.31	57.38	9.210
%RSD	.1416039	.8832089	.0630807	.4379965	.4364796

#1	738.6905	1272.986	36928.60	13087.16	2102.037
#2	739.7134	1275.494	36974.69	13052.34	2107.799
#3	737.6216	1293.711	36957.72	13164.45	2120.069

Sample Name: I5319-04 Acquired: 9/29/2017 16:19:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE043 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1481224	-.066773	6.417316	.0005138	.0099780	96.82030	2.627841
Stddev	.0034826	.003711	.010553	.0008108	.0018785	.12332	.003839
%RSD	2.351187	5.557825	.1644424	157.8160	18.82678	.1273676	.1460893

#1	.1469348	-.064048	6.427369	.0003892	.0079422	96.70118	2.623461
#2	.1453889	-.065271	6.418252	-.000228	.0103473	96.81229	2.630621
#3	.1520436	-.071000	6.406326	.001380	.0116444	96.94742	2.629441

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102507	.0309486	134.8770	.2211254	.1265154	1.031145	237.4938
Stddev	.0001607	.0004387	.3872	.0017090	.0013122	.002686	.3034
%RSD	1.567213	1.417603	.2870393	.7728697	1.037150	.2605186	.1277665

#1	.0103862	.0314266	134.5596	.2230440	.1250480	1.028584	237.7536
#2	.0100732	.0308548	134.7631	.2205659	.1275759	1.030910	237.5674
#3	.0102926	.0305644	135.3083	.2197663	.1269223	1.033941	237.1603

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.39648	53.48450	.3421288	.0118894	1.806002	.2372684	3.403577
Stddev	.02841	.08773	.0013660	.0003270	.087008	.0057350	.020885
%RSD	.1845226	.1640241	.3992639	2.750424	4.817732	2.417099	.6136234

#1	15.39128	53.56448	.3436224	.0120551	1.721029	.2347367	3.417616
#2	15.42713	53.39068	.3409430	.0115127	1.894912	.2332349	3.379576
#3	15.37103	53.49834	.3418210	.0121004	1.802063	.2438336	3.413539

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.71295	39.79660	-.634912	.0101240	6.086254	3.292039	.1733495
Stddev	.04907	.14262	.000886	.0001617	.028084	.002043	.0009511
%RSD	.2489112	.3583759	.1395672	1.596992	.4614261	.0620689	.5486829

#1	19.65905	39.86733	-.633971	.0102552	6.118130	3.293885	.1735217
#2	19.72477	39.63244	-.635731	.0099434	6.075479	3.292388	.1742027
#3	19.75503	39.89003	-.635034	.0101734	6.065154	3.289843	.1723240

Sample Name: I5319-04 Acquired: 9/29/2017 16:19:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE043 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7293001	.1144603	.2581151
Stddev	.0029161	.0002148	.0006327
%RSD	.3998514	.1876646	.2451105

#1	.7321910	.1142237	.2574956
#2	.7263594	.1145143	.2587601
#3	.7293499	.1146430	.2580897

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	780.6248	1372.986	38891.21	13541.59	2206.452
Stddev	1.7473	3.736	89.55	6.65	1.376
%RSD	.2238371	.2720975	.2302703	.0490749	.0623580

#1	778.7335	1377.298	38808.08	13533.93	2206.183
#2	782.1790	1370.707	38986.04	13545.89	2205.231
#3	780.9620	1370.955	38879.50	13544.94	2207.943

Sample Name: I5319-05 Acquired: 9/29/2017 16:23:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE044 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1568981	-.066334	6.652481	-.001805	.0094412	99.10703	2.709223
Stddev	.0063876	.003083	.010709	.001326	.0020069	.31560	.005053
%RSD	4.071192	4.647206	.1609764	73.42899	21.25733	.3184415	.1865010

#1	.1570950	-.065341	6.641098	-.002087	.0073412	98.80248	2.709504
#2	.1504143	-.063870	6.662356	-.002968	.0096425	99.08598	2.704035
#3	.1631850	-.069791	6.653990	-.000362	.0113399	99.43262	2.714129

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104482	.0301495	147.0678	.2022743	.1320905	2.313209	238.8272
Stddev	.0001244	.0004996	.8990	.0008602	.0003060	.005571	1.2969
%RSD	1.191058	1.657150	.6112511	.4252514	.2316934	.2408374	.5430103

#1	.0103387	.0304795	146.0408	.2016745	.1321347	2.312808	237.3332
#2	.0105836	.0295747	147.4508	.2032598	.1317647	2.307849	239.6622
#3	.0104223	.0303943	147.7118	.2018886	.1323719	2.318970	239.4863

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.78123	47.87835	.3108562	.0119791	1.926841	.2405994	3.814752
Stddev	.09597	.20769	.0009343	.0004509	.005467	.0017128	.037921
%RSD	.5718827	.4337883	.3005667	3.764340	.2837349	.7118952	.9940724

#1	16.67294	47.63994	.3112180	.0114587	1.924474	.2386326	3.803737
#2	16.85574	47.97504	.3115555	.0122546	1.922955	.2414022	3.783558
#3	16.81500	48.02007	.3097950	.0122239	1.933092	.2417633	3.856962

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.45513	40.28613	-.648215	.0079821	4.375812	3.273012	.2058550
Stddev	.08649	.17671	.004351	.0001971	.027346	.015164	.0022367
%RSD	.4955256	.4386428	.6713033	2.469666	.6249257	.4633035	1.086558

#1	17.41167	40.15055	-.645111	.0079572	4.349198	3.260649	.2034960
#2	17.39899	40.48598	-.653189	.0081905	4.403835	3.289932	.2079452
#3	17.55474	40.22184	-.646345	.0077986	4.374403	3.268456	.2061236

Sample Name: I5319-05 Acquired: 9/29/2017 16:23:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE044 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6645539	.1135768	.2884375
Stddev	.0017150	.0004990	.0006558
%RSD	.2580741	.4393825	.2273512

#1	.6641674	.1133132	.2880672
#2	.6630651	.1132649	.2880507
#3	.6664292	.1141524	.2891947

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	839.6198	1475.549	41243.57	14270.43	2334.590
Stddev	7.4031	8.173	106.02	33.74	8.826
%RSD	.8817193	.5539017	.2570513	.2364239	.3780707

#1	837.6174	1477.392	41126.59	14307.47	2337.792
#2	847.8182	1466.611	41333.31	14241.45	2324.609
#3	833.4239	1482.642	41270.80	14262.38	2341.368

Sample Name: I5319-06 Acquired: 9/29/2017 16:27:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE045 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1437990	-.073790	3.016930	-.006398	.0103353	105.9629	1.639591
Stddev	.0040345	.006359	.012286	.001335	.0022354	1.1279	.018209
%RSD	2.805663	8.617050	.4072311	20.86440	21.62862	1.064452	1.110599

#1	.1475276	-.081127	3.021562	-.006416	.0087315	107.0790	1.656401
#2	.1443534	-.070372	3.003001	-.007725	.0128887	104.8235	1.620248
#3	.1395159	-.069872	3.026226	-.005055	.0093857	105.9863	1.642126

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100291	.0231650	97.29751	.1751753	.1440585	1.856351	247.9595
Stddev	.0002582	.0003064	.85954	.0025058	.0002884	.020710	1.4993
%RSD	2.573965	1.322917	.8834147	1.430466	.2001928	1.115617	.6046388

#1	.0103167	.0232759	97.40273	.1748680	.1441886	1.878964	248.6414
#2	.0099532	.0228185	96.39020	.1778206	.1437280	1.838308	246.2405
#3	.0098174	.0234005	98.09959	.1728373	.1442589	1.851781	248.9966

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.90881	35.68634	.2668141	.0107946	1.856959	.2237144	1.762203
Stddev	.09624	.20650	.0013895	.0002984	.048139	.0019259	.024844
%RSD	.5089444	.5786595	.5207711	2.764078	2.592331	.8608923	1.409822

#1	18.97335	35.91669	.2683520	.0109813	1.848006	.2251845	1.756070
#2	18.79820	35.51782	.2664412	.0104505	1.813925	.2215342	1.741001
#3	18.95488	35.62450	.2656491	.0109520	1.908945	.2244244	1.789540

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.98724	36.50319	-.679181	.0075753	2.822044	3.014357	.1227026
Stddev	.19999	.17847	.007383	.0004057	.014628	.020914	.0040431
%RSD	1.250917	.4889220	1.087034	5.355949	.5183417	.6938043	3.295061

#1	16.19499	36.43898	-.687384	.0076856	2.810184	3.037859	.1231592
#2	15.79604	36.36570	-.673069	.0079144	2.838389	2.997797	.1264980
#3	15.97070	36.70488	-.677090	.0071258	2.817559	3.007414	.1184506

Sample Name: I5319-06 Acquired: 9/29/2017 16:27:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE045 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5853777	.1110337	.2406338
Stddev	.0068921	.0017579	.0023592
%RSD	1.177383	1.583221	.9803983

#1	.5924487	.1129511	.2426494
#2	.5786796	.1094980	.2380390
#3	.5850047	.1106519	.2412129

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	823.3872	1428.637	40930.59	14367.03	2240.191
Stddev	6.7961	15.802	83.48	93.51	16.490
%RSD	.8253808	1.106072	.2039670	.6508728	.7360866

#1	818.1877	1438.639	40885.38	14268.56	2250.337
#2	831.0772	1436.852	41026.93	14454.63	2249.071
#3	820.8966	1410.420	40879.45	14377.89	2221.164

Sample Name: I5319-07 Acquired: 9/29/2017 16:31:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE046 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1071744	-.082946	1.185236	-.009627	.0066479	100.8607	.9990345
Stddev	.0039457	.001952	.006436	.005027	.0018436	.1821	.0028803
%RSD	3.681580	2.353515	.5429932	52.22258	27.73189	.1805050	.2883037

#1	.1088222	-.081079	1.178414	-.004697	.0077778	100.9235	1.000560
#2	.1100292	-.084974	1.186096	-.014746	.0045205	100.6556	1.000831
#3	.1026719	-.082785	1.191199	-.009437	.0076456	101.0031	.995712

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093973	.0227777	161.7365	.1736174	.1429786	.5352232	263.0944
Stddev	.0001622	.0005500	1.2708	.0008681	.0004957	.0011722	2.3669
%RSD	1.726179	2.414712	.7857462	.5000212	.3466724	.2190128	.8996237

#1	.0092352	.0234098	161.0966	.1739056	.1424198	.5344946	262.3023
#2	.0093971	.0225147	160.9128	.1743047	.1431509	.5365754	261.2251
#3	.0095596	.0224086	163.2001	.1726418	.1433652	.5345997	265.7557

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.53732	36.01966	.2862704	.0093133	1.843235	.1985291	.8922100
Stddev	.17213	.33969	.0012515	.0005317	.030932	.0020718	.0077719
%RSD	1.040846	.9430788	.4371928	5.709131	1.678115	1.043578	.8710859

#1	16.47275	35.93085	.2854930	.0090788	1.820931	.2006294	.8918052
#2	16.40682	35.73320	.2856040	.0089391	1.878546	.1964870	.8846483
#3	16.73240	36.39494	.2877141	.0099220	1.830227	.1984711	.9001763

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.79317	22.68963	-.714922	.0067758	1.541426	4.304808	.0608002
Stddev	.00803	.22652	.001015	.0003310	.004113	.002066	.0006458
%RSD	.0543105	.9983448	.1420385	4.885118	.2668572	.0480026	1.062191

#1	14.80139	22.94885	-.714228	.0064914	1.546145	4.307179	.0606077
#2	14.79277	22.52975	-.714451	.0066970	1.539533	4.303390	.0615204
#3	14.78534	22.59030	-.716088	.0071392	1.538600	4.303855	.0602725

Sample Name: I5319-07 Acquired: 9/29/2017 16:31:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE046 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7494188	.1168501	.1807174
Stddev	.0019286	.0003608	.0000875
%RSD	.2573500	.3087580	.0484097

#1	.7493189	.1171321	.1807821
#2	.7475421	.1169747	.1806178
#3	.7513954	.1164436	.1807522

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	866.9083	1514.826	42832.86	15057.54	2284.545
Stddev	4.1247	13.988	131.53	41.96	10.917
%RSD	.4757920	.9233925	.3070847	.2786342	.4778680

#1	862.1469	1501.982	42717.58	15080.48	2275.392
#2	869.3890	1512.765	42804.87	15083.03	2281.615
#3	869.1888	1529.729	42976.14	15009.12	2296.628

Sample Name: I5319-08 Acquired: 9/29/2017 16:35:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE047 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0763328	-.074668	1.029834	-.006656	.0053813	81.11714
Stddev	.0035652	.004259	.010509	.000958	.0016509	.07516
%RSD	4.670567	5.703497	1.020468	14.38691	30.67883	.0926592

#1	.0792804	-.079173	1.018605	-.006421	.0037666	81.13620
#2	.0773477	-.074123	1.039433	-.007709	.0070662	81.18094
#3	.0723702	-.070709	1.031465	-.005838	.0053112	81.03428

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7229161	.0080371	.0203593	F 834.0876	.1511394	.0998265
Stddev	.0013535	.0000662	.0004225	8.3242	.0012540	.0015707
%RSD	.1872321	.8234125	2.075193	.9980044	.8297117	1.573428

#1	.7237843	.0081128	.0198931	825.1182	.1525100	.0980509
#2	.7236075	.0079906	.0207170	841.5647	.1500497	.1010346
#3	.7213565	.0080078	.0204676	835.5800	.1508583	.1003941

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4761126	210.4582	11.11807	154.6266	.2620007	.0070310
Stddev	.0006203	.8400	.07066	.4228	.0022318	.0007108
%RSD	.1302788	.3991174	.6355300	.2734087	.8518375	10.10975

#1	.4756583	209.5050	11.03745	154.2078	.2594236	.0067320
#2	.4768193	210.7793	11.14752	155.0532	.2632954	.0078425
#3	.4758602	211.0902	11.16924	154.6189	.2632831	.0065186

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.954388	.1615674	.9405423	16.13574	26.76928	-.554960
Stddev	.038108	.0009450	.0075885	.04062	.18221	.001671
%RSD	1.949875	.5849078	.8068172	.2517623	.6806870	.3011622

#1	1.947774	.1619280	.9384133	16.13190	26.56055	-.554635
#2	1.920020	.1622791	.9342457	16.17815	26.89655	-.553475
#3	1.995370	.1604952	.9489678	16.09718	26.85074	-.556770

Sample Name: I5319-08 Acquired: 9/29/2017 16:35:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE047 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036982	2.456515	4.200104	.0464230	.7873042	.1186923
Stddev	.0002191	.039461	.012877	.0048212	.0018836	.0004249
%RSD	5.925817	1.606387	.3065943	10.38535	.2392453	.3579625

#1	.0037981	2.411009	4.196744	.0518614	.7852048	.1188642
#2	.0038497	2.481300	4.189240	.0447347	.7888460	.1190042
#3	.0034469	2.477234	4.214328	.0426731	.7878619	.1182084

Elem	Sr4077
Units	ppm
Avg	.4282425
Stddev	.0008490
%RSD	.1982396

#1	.4282742
#2	.4290751
#3	.4273781

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	792.1065	1371.095	38464.94	13856.66	1975.080
Stddev	1.1989	6.636	51.37	30.21	12.618
%RSD	.1513619	.4839649	.1335564	.2180364	.6388698

#1	792.0923	1374.953	38443.92	13849.78	1989.546
#2	790.9146	1374.899	38427.42	13830.48	1969.356
#3	793.3124	1363.433	38523.49	13889.72	1966.339

Sample Name: I5319-09 Acquired: 9/29/2017 16:39:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE048 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1086926	-.060370	5.779587	.0017708	.0061261	87.27377	2.032624
Stddev	.0065429	.004393	.025879	.0061312	.0021646	.28233	.008797
%RSD	6.019661	7.276963	.4477717	346.2464	35.33480	.3234993	.4327698

#1	.1039073	-.065303	5.750669	.0017805	.0086158	87.56721	2.042766
#2	.1161484	-.056879	5.800570	.0078970	.0046900	87.00404	2.027075
#3	.1060220	-.058928	5.787521	-.004365	.0050725	87.25006	2.028030

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077516	.0244740	290.1541	.2066237	.0958512	.8574014	213.3005
Stddev	.0001165	.0002436	1.2324	.0002265	.0001772	.0045095	.7447
%RSD	1.502525	.9954777	.4247496	.1095942	.1848405	.5259464	.3491276

#1	.0076185	.0242221	289.7851	.2063767	.0959798	.8615926	213.4495
#2	.0078346	.0247084	289.1483	.2066732	.0959246	.8526299	212.4926
#3	.0078019	.0244915	291.5289	.2068214	.0956491	.8579818	213.9594

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.98955	87.86747	.3065153	.0109684	2.777638	.2131850	3.828799
Stddev	.04263	.29036	.0007903	.0003711	.031638	.0005640	.019514
%RSD	.3879121	.3304487	.2578362	3.383540	1.139017	.2645399	.5096594

#1	10.99605	88.09367	.3056037	.0106460	2.788932	.2136279	3.849881
#2	10.94404	87.54005	.3070088	.0108851	2.741903	.2125501	3.811371
#3	11.02855	87.96868	.3069333	.0113741	2.802078	.2133769	3.825143

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.90145	34.49204	-.562522	.0110221	6.453386	4.526503	.1504416
Stddev	.10693	.24535	.001057	.0005888	.020250	.011058	.0044549
%RSD	.6724402	.7113286	.1879402	5.342318	.3137957	.2442837	2.961234

#1	16.02481	34.68661	-.562227	.0110611	6.476586	4.526779	.1484380
#2	15.83513	34.21642	-.563696	.0104147	6.444318	4.537420	.1473403
#3	15.84443	34.57309	-.561644	.0115904	6.439254	4.515310	.1555466

Sample Name: I5319-09 Acquired: 9/29/2017 16:39:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE048 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7620507	.1044525	.2600607
Stddev	.0048929	.0007037	.0009646
%RSD	.6420706	.6737348	.3709142

#1	.7650030	.1052595	.2611460
#2	.7564028	.1041316	.2593011
#3	.7647462	.1039665	.2597349

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	735.4614	1281.955	36478.02	12727.23	2156.761
Stddev	7.9959	6.391	212.16	62.97	7.437
%RSD	1.087201	.4985331	.5816135	.4947577	.3448196

#1	726.3745	1283.516	36235.02	12654.84	2163.051
#2	738.5888	1287.422	36572.60	12769.31	2158.679
#3	741.4210	1274.929	36626.44	12757.54	2148.553

Sample Name: I5319-10 Acquired: 9/29/2017 16:43:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE049 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1203608	-.067405	6.161675	-.006430	.0056877	86.32658	2.343113
Stddev	.0018325	.002275	.017510	.000552	.0014564	.16531	.005262
%RSD	1.522491	3.374558	.2841769	8.582184	25.60624	.1914928	.2245864

#1	.1217853	-.065105	6.145403	-.005983	.0073308	86.48484	2.348989
#2	.1210036	-.067458	6.159418	-.007046	.0051765	86.33989	2.338836
#3	.1182935	-.069653	6.180204	-.006260	.0045558	86.15502	2.341512

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082793	.0278416	532.0326	.1938049	.1070027	1.025620	216.5876
Stddev	.0001594	.0002028	1.6879	.0002761	.0005700	.004230	.9459
%RSD	1.925192	.7283440	.3172628	.1424628	.5326966	.4124203	.4367057

#1	.0084629	.0278661	530.7561	.1941122	.1073147	1.030494	215.5063
#2	.0081985	.0276277	531.3952	.1935779	.1063448	1.022913	216.9951
#3	.0081765	.0280310	533.9464	.1937246	.1073485	1.023452	217.2614

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.02219	103.7497	.3077999	.0113796	2.673558	.2079941	3.651465
Stddev	.09438	.3146	.0020038	.0004563	.031516	.0026713	.048833
%RSD	.7247357	.3032072	.6510090	4.009450	1.178815	1.284314	1.337346

#1	12.91595	103.4132	.3066746	.0108584	2.704112	.2072946	3.600248
#2	13.05429	104.0364	.3066118	.0117070	2.675401	.2057422	3.656645
#3	13.09633	103.7994	.3101134	.0115733	2.641161	.2109456	3.697500

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.66449	36.57078	-.572478	.0094699	5.225855	6.049855	.1819287
Stddev	.08451	.18454	.002769	.0003454	.008083	.008826	.0035989
%RSD	.5071102	.5046206	.4836529	3.647151	.1546777	.1458800	1.978186

#1	16.74936	36.66691	-.573443	.0098108	5.218759	6.058617	.1779262
#2	16.66375	36.68742	-.574634	.0094787	5.234654	6.049982	.1848981
#3	16.58035	36.35802	-.569355	.0091202	5.224151	6.040967	.1829617

Sample Name: I5319-10 Acquired: 9/29/2017 16:43:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE049 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8374531	.1157789	.3926150
Stddev	.0038042	.0005686	.0001970
%RSD	.4542557	.4911465	.0501804

#1	.8334177	.1163986	.3927567
#2	.8379682	.1156572	.3923900
#3	.8409735	.1152811	.3926983

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	732.4784	1280.703	36765.87	13120.26	2045.195
Stddev	3.9629	11.231	45.12	6.02	10.524
%RSD	.5410224	.8769704	.1227126	.0459056	.5145686

#1	736.7813	1267.863	36776.36	13124.73	2033.318
#2	731.6755	1285.541	36804.81	13113.41	2048.907
#3	728.9785	1288.704	36716.43	13122.65	2053.360

Sample Name: I5319-11 Acquired: 9/29/2017 16:47:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE050 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0919352	-.078206	3.337720	-.008579	.0055485	89.05907
Stddev	.0085150	.002811	.028945	.005154	.0023399	.28675
%RSD	9.261967	3.593814	.8672212	60.07190	42.17205	.3219800

#1	.1016601	-.077594	3.356386	-.012405	.0046237	88.87893
#2	.0858177	-.081272	3.352399	-.010613	.0082094	89.38975
#3	.0883279	-.075752	3.304376	-.002719	.0038123	88.90855

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.501825	.0085279	.0236536	F 1032.827	.1786335	.1161767
Stddev	.005726	.0000354	.0000893	5.643	.0010758	.0012911
%RSD	.3812517	.4150757	.3776572	.5463615	.6022678	1.111281

#1	1.495353	.0085458	.0236226	1030.933	.1780626	.1151791
#2	1.506232	.0085509	.0237543	1028.375	.1779635	.1176349
#3	1.503890	.0084872	.0235839	1039.174	.1798745	.1157161

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7533917	231.2104	14.81185	104.6098	.2927627	.0103887
Stddev	.0035236	.6758	.05603	.5179	.0032230	.0001456
%RSD	.4676959	.2922878	.3782990	.4950340	1.100896	1.401295

#1	.7496260	231.5842	14.85126	104.7255	.2952817	.0104187
#2	.7566087	231.6168	14.83658	105.0601	.2938757	.0105170
#3	.7539405	230.4303	14.74770	104.0439	.2891307	.0102305

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.232473	.1958957	1.894085	19.53972	32.62067	-.621010
Stddev	.045878	.0003716	.012911	.08143	.12413	.003654
%RSD	1.419271	.1896899	.6816307	.4167258	.3805128	.5883219

#1	3.179570	.1961825	1.879218	19.47915	32.72042	-.620040
#2	3.261302	.1960286	1.902478	19.63229	32.65993	-.625051
#3	3.256549	.1954759	1.900558	19.50772	32.48166	-.617940

Sample Name: I5319-11 Acquired: 9/29/2017 16:47:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE050 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076135	3.181161	5.299706	.2956968	.9570918	.1370453
Stddev	.0001914	.038881	.052720	.0036709	.0002555	.0006315
%RSD	2.514619	1.222231	.9947741	1.241437	.0266963	.4607864

#1	.0076141	3.224108	5.308682	.2914919	.9567998	.1367340
#2	.0078047	3.171020	5.347362	.2982623	.9572011	.1377720
#3	.0074218	3.148355	5.243075	.2973362	.9572744	.1366298

Elem	Sr4077
Units	ppm
Avg	.5503728
Stddev	.0018100
%RSD	.3288737

#1	.5491292
#2	.5524493
#3	.5495398

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	729.1268	1278.979	35534.13	12723.70	1881.655
Stddev	2.6295	12.948	52.19	82.28	16.219
%RSD	.3606361	1.012406	.1468742	.6466538	.8619349

#1	729.9029	1273.482	35550.67	12713.48	1871.770
#2	726.1965	1269.685	35475.67	12647.00	1872.823
#3	731.2808	1293.769	35576.05	12810.61	1900.373

Sample Name: I5319-12 Acquired: 9/29/2017 16:51:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE051 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1103702	-.072078	2.975007	-.004254	.0050298	90.12746	1.688796
Stddev	.0024759	.004874	.015578	.001405	.0005921	.35870	.008154
%RSD	2.243272	6.761691	.5236313	33.01784	11.77200	.3979947	.4828555

#1	.1078982	-.066450	2.990733	-.005759	.0047055	90.02938	1.692653
#2	.1103624	-.074904	2.959581	-.004025	.0046708	90.52500	1.694307
#3	.1128499	-.074880	2.974707	-.002978	.0057133	89.82800	1.679429

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085090	.0213705	373.5544	.1740065	.1228975	.7368257	234.2402
Stddev	.0000595	.0001756	1.9743	.0006973	.0006084	.0052363	2.0721
%RSD	.6997708	.8216848	.5285104	.4007297	.4950196	.7106512	.8845993

#1	.0085601	.0212002	371.4395	.1743293	.1232107	.7402411	231.9193
#2	.0085234	.0213604	373.8747	.1732063	.1221964	.7394389	234.8971
#3	.0084436	.0215510	375.3489	.1744840	.1232855	.7307971	235.9042

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.74796	57.23531	.2469302	.0101883	3.601430	.1899535	1.581185
Stddev	.17218	.21268	.0014527	.0002507	.060050	.0028129	.008195
%RSD	.8298450	.3715888	.5883213	2.460338	1.667382	1.480823	.5182766

#1	20.55960	57.02658	.2480373	.0099520	3.619557	.1879916	1.573898
#2	20.78706	57.45174	.2452852	.0101618	3.534405	.1886928	1.579599
#3	20.89723	57.22762	.2474680	.0104512	3.650327	.1931762	1.590057

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.51426	32.71081	-.636660	.0085326	2.626854	4.529331	.7570224
Stddev	.11984	.13964	.002309	.0004601	.007774	.015677	.0007394
%RSD	.6842535	.4268928	.3627353	5.392247	.2959544	.3461240	.0976780

#1	17.56146	32.72895	-.637705	.0080224	2.632521	4.519350	.7578382
#2	17.60332	32.56299	-.638261	.0089160	2.617991	4.521242	.7563964
#3	17.37801	32.84050	-.634012	.0086596	2.630049	4.547400	.7568326

Sample Name: I5319-12 Acquired: 9/29/2017 16:51:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE051 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6299061	.1041827	.3263006
Stddev	.0038361	.0006811	.0011573
%RSD	.6089932	.6537766	.3546600

#1	.6258178	.1044804	.3257558
#2	.6334266	.1046643	.3276298
#3	.6304740	.1034034	.3255164

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	823.9031	1442.340	40150.18	13916.36	2215.209
Stddev	3.4601	6.476	113.92	36.58	7.278
%RSD	.4199611	.4489699	.2837413	.2628861	.3285267

#1	824.1936	1446.550	40126.66	13943.71	2211.078
#2	820.3070	1445.587	40049.86	13874.80	2223.612
#3	827.2088	1434.883	40274.03	13930.55	2210.938

Sample Name: I5319-13 Acquired: 9/29/2017 16:55:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE052 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1002178	-.073210	1.378860	-.006487	.0072629	98.89450	1.343094
Stddev	.0073644	.006756	.004857	.002615	.0008305	.24257	.003750
%RSD	7.348439	9.227698	.3522445	40.31198	11.43522	.2452803	.2792053

#1	.0970781	-.068279	1.381121	-.004326	.0080519	99.13688	1.347312
#2	.1086317	-.070440	1.373284	-.009394	.0063963	98.65174	1.341831
#3	.0949435	-.080910	1.382174	-.005741	.0073407	98.89486	1.340138

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084451	.0204450	150.5504	.1806676	.1307549	.5648048	237.6368
Stddev	.0001985	.0001954	.7509	.0001601	.0012009	.0022141	1.3198
%RSD	2.350633	.9555775	.4987972	.0886158	.9184462	.3920158	.5553681

#1	.0085127	.0202671	151.2476	.1807725	.1305599	.5653273	238.7925
#2	.0086010	.0206541	149.7553	.1804833	.1296634	.5623761	236.1987
#3	.0082216	.0204139	150.6485	.1807469	.1320414	.5667109	237.9191

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.65409	39.34092	.2774609	.0095964	3.937526	.1911039	.9561052
Stddev	.14022	.21478	.0015523	.0004353	.036753	.0012865	.0066337
%RSD	.5927788	.5459367	.5594707	4.536155	.9333968	.6731833	.6938276

#1	23.78187	39.58892	.2765087	.0097228	3.933424	.1924596	.9637609
#2	23.50409	39.21787	.2766219	.0099545	3.976158	.1909521	.9524974
#3	23.67632	39.21597	.2792522	.0091118	3.902996	.1899001	.9520572

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.51661	26.94516	-.644738	.0100944	1.606026	3.960307	.1091333
Stddev	.02755	.09562	.006343	.0003486	.002474	.028373	.0013828
%RSD	.1668173	.3548531	.9837429	3.453177	.1540255	.7164235	1.267055

#1	16.50879	26.99372	-.651334	.0098454	1.608602	3.990658	.1106117
#2	16.54722	26.83501	-.644196	.0104928	1.603670	3.934449	.1078718
#3	16.49381	27.00674	-.638684	.0099452	1.605806	3.955816	.1089163

Sample Name: I5319-13 Acquired: 9/29/2017 16:55:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE052 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6280141	.0987661	.2190791
Stddev	.0034957	.0005479	.0007155
%RSD	.5566260	.5547336	.3266012

#1	.6311212	.0993430	.2198755
#2	.6242291	.0987025	.2188715
#3	.6286919	.0982528	.2184904

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	835.2738	1446.251	41304.69	14381.67	2181.508
Stddev	3.6195	16.509	127.12	83.01	18.004
%RSD	.4333291	1.141525	.3077587	.5771722	.8252982

#1	834.7628	1465.313	41306.72	14289.81	2201.694
#2	831.9370	1436.951	41176.57	14451.30	2175.719
#3	839.1216	1436.490	41430.78	14403.89	2167.110

Sample Name: I5319-14 Acquired: 9/29/2017 16:59:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE096 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1142897	-.072406	2.764154	-.000214	.0108860	75.64168	1.327703
Stddev	.0031966	.003393	.025586	.000660	.0018623	.11662	.000994
%RSD	2.796895	4.685688	.9256423	308.1746	17.10771	.1541772	.0748517

#1	.1178319	-.073955	2.766390	-.000352	.0128859	75.61303	1.327528
#2	.1134175	-.074748	2.788549	-.000794	.0092016	75.54205	1.326809
#3	.1116198	-.068516	2.737523	.000504	.0105705	75.76995	1.328773

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075450	.0239566	539.2349	.2081825	.0845207	1.351566	214.6494
Stddev	.0001010	.0004189	2.6474	.0044943	.0005121	.006372	.9962
%RSD	1.338565	1.748479	.4909537	2.158827	.6058547	.4714529	.4641182

#1	.0076586	.0242409	539.1738	.2063451	.0843872	1.358809	214.4096
#2	.0075110	.0241534	536.6185	.2048981	.0850863	1.349067	213.7949
#3	.0074653	.0234756	541.9123	.2133044	.0840885	1.346824	215.7436

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.913441	258.6555	.2646908	.0094315	2.033400	.1904575	2.758710
Stddev	.040916	.8549	.0019730	.0004389	.088945	.0026055	.038018
%RSD	.4590337	.3305294	.7453930	4.653716	4.374206	1.368010	1.378103

#1	8.897146	258.2471	.2664307	.0094901	1.932833	.1911237	2.724024
#2	8.883183	258.0814	.2650944	.0098381	2.065628	.1875837	2.752750
#3	8.959993	259.6381	.2625472	.0089662	2.101738	.1926653	2.799356

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.99019	31.84452	-.586832	.0102152	8.799410	4.517589	.1683784
Stddev	.04951	.42999	.004198	.0001531	.092107	.025713	.0058253
%RSD	.4504648	1.350277	.7154146	1.498587	1.046745	.5691730	3.459640

#1	11.02699	31.93319	-.585516	.0100461	8.807762	4.521413	.1720165
#2	10.93391	32.22326	-.583449	.0103445	8.887057	4.490178	.1714589
#3	11.00968	31.37710	-.591530	.0102550	8.703411	4.541175	.1616596

Sample Name: I5319-14 Acquired: 9/29/2017 16:59:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE096 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8426086	.0934063	.3828375
Stddev	.0018284	.0001152	.0005449
%RSD	.2169980	.1233267	.1423460

#1	.8415162	.0934042	.3827653
#2	.8415901	.0935225	.3823323
#3	.8447194	.0932922	.3834150

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	659.7771	1161.978	33207.82	12113.54	1906.011
Stddev	7.7870	21.442	435.93	27.98	27.174
%RSD	1.180254	1.845306	1.312718	.2309754	1.425696

#1	665.8462	1145.894	33409.09	12081.80	1889.536
#2	662.4883	1153.719	33506.74	12134.64	1891.121
#3	650.9969	1186.322	32707.62	12124.17	1937.375

Sample Name: I5319-15 Acquired: 9/29/2017 17:03:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE097 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1716634	-.062616	3.772372	-.001269	.0098938	85.82146	1.332087
Stddev	.0043112	.002755	.019415	.003661	.0012398	.52277	.007538
%RSD	2.511412	4.399990	.5146507	288.5750	12.53147	.6091401	.5658749

#1	.1697996	-.063026	3.764427	-.005448	.0107931	85.22540	1.323389
#2	.1765929	-.065142	3.758191	.001370	.0104089	86.20215	1.336704
#3	.1685976	-.059678	3.794499	.000273	.0084795	86.03682	1.336169

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092911	.0229981	209.5688	.1732297	.0988324	.9193775	238.4300
Stddev	.0001694	.0003545	.3847	.0003715	.0004472	.0067756	.9836
%RSD	1.822834	1.541424	.1835680	.2144698	.4524375	.7369810	.4125174

#1	.0090975	.0232393	209.1281	.1733728	.0983807	.9116206	237.9132
#2	.0093634	.0225911	209.7413	.1728079	.0988418	.9223716	239.5643
#3	.0094122	.0231639	209.8371	.1735084	.0992748	.9241404	237.8127

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.727284	98.12324	.3266730	.0089307	2.293076	.2418893	2.596169
Stddev	.042612	.40373	.0006941	.0002743	.066583	.0031179	.024448
%RSD	.5514424	.4114550	.2124648	3.071762	2.903670	1.288991	.9416868

#1	7.695822	97.70740	.3270439	.0089282	2.302275	.2401798	2.587045
#2	7.775777	98.51367	.3258722	.0092063	2.222371	.2454881	2.623866
#3	7.710253	98.14866	.3271028	.0086576	2.354581	.2400001	2.577595

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.35919	30.56059	-.628099	.0085989	6.104729	7.375591	.1317122
Stddev	.13593	.31429	.004848	.0005160	.083543	.056097	.0034359
%RSD	1.312170	1.028431	.7718196	6.001406	1.368489	.7605827	2.608674

#1	10.20226	30.52658	-.623549	.0091522	6.085471	7.318219	.1351752
#2	10.44034	30.26468	-.627551	.0081306	6.032497	7.378233	.1316575
#3	10.43497	30.89051	-.633198	.0085139	6.196218	7.430320	.1283040

Sample Name: I5319-15 Acquired: 9/29/2017 17:03:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE097 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.367855	.1060083	.3252545
Stddev	.005130	.0011502	.0014203
%RSD	.3750546	1.085050	.4366762

#1	1.362394	.1046879	.3236187
#2	1.372574	.1067927	.3261745
#3	1.368596	.1065443	.3259704

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	756.0027	1335.604	37317.75	13022.14	2223.816
Stddev	6.6905	8.125	213.95	49.10	7.598
%RSD	.8849855	.6083469	.5733290	.3770549	.3416667

#1	754.1792	1326.545	37154.19	13070.85	2215.834
#2	750.4130	1338.020	37239.18	12972.66	2230.961
#3	763.4159	1342.246	37559.88	13022.91	2224.655

Sample Name: I5319-16 Acquired: 9/29/2017 17:07:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE098 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1488689	-.078226	2.696725	-.006982	.0113893	69.77074	1.527744
Stddev	.0031390	.006375	.077916	.004200	.0014312	.80396	.016766
%RSD	2.108536	8.149420	2.889282	60.15078	12.56616	1.152286	1.097424

#1	.1462185	-.071557	2.607043	-.002878	.0107462	69.19290	1.513875
#2	.1480530	-.078864	2.735340	-.006796	.0130292	70.68888	1.546376
#3	.1523353	-.084259	2.747791	-.011272	.0103924	69.43043	1.522981

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101840	.0202640	223.8167	.1552429	.1038652	1.491669	289.8853
Stddev	.0002138	.0007776	3.9346	.0072604	.0034862	.018899	4.7453
%RSD	2.098965	3.837578	1.757941	4.676809	3.356433	1.266994	1.636956

#1	.0099451	.0194618	221.3077	.1502873	.0998692	1.471901	287.2684
#2	.0103573	.0203157	228.3514	.1635769	.1054426	1.509559	295.3629
#3	.0102495	.0210145	221.7910	.1518644	.1062839	1.493547	287.0247

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.758822	65.80394	.2623628	.0105936	2.545458	.2147324	1.995920
Stddev	.124821	.90179	.0082123	.0002145	.113960	.0030555	.084723
%RSD	1.608762	1.370424	3.130132	2.024808	4.477013	1.422934	4.244803

#1	7.669590	65.33422	.2528947	.0108410	2.460671	.2121620	1.953086
#2	7.901461	66.84363	.2666398	.0104796	2.500700	.2181107	2.093507
#3	7.705416	65.23396	.2675539	.0104602	2.675002	.2139246	1.941167

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.63060	23.50764	-.793961	.0140153	9.165854	7.492842	.1902262
Stddev	.09186	.47891	.018331	.0005104	.199922	.153252	.0020250
%RSD	.8641314	2.037248	2.308761	3.641514	2.181159	2.045309	1.064528

#1	10.54815	22.95489	-.785580	.0134266	8.935011	7.379259	.1887898
#2	10.72962	23.76960	-.814984	.0142862	9.282722	7.667151	.1893466
#3	10.61404	23.79842	-.781319	.0143330	9.279830	7.432116	.1925423

Sample Name: I5319-16 Acquired: 9/29/2017 17:07:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE098 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.432971	.0897550	.3750491
Stddev	.019716	.0006198	.0051219
%RSD	1.375879	.6905761	1.365660

#1	1.416309	.0890701	.3715643
#2	1.454737	.0902773	.3809299
#3	1.427865	.0899177	.3726532

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	766.6476	1310.563	37919.04	13053.66	2222.601
Stddev	29.8093	24.394	1310.66	153.06	55.080
%RSD	3.888269	1.861317	3.456483	1.172545	2.478166

#1	774.3362	1338.661	38567.81	13129.44	2286.115
#2	733.7472	1298.214	36410.52	12877.49	2193.705
#3	791.8595	1294.813	38778.77	13154.05	2187.982

Sample Name: I5319-17 Acquired: 9/29/2017 17:11:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE099 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1315323	-.072770	2.619552	-.007976	.0087333	78.76322	1.908168
Stddev	.0032575	.001581	.056741	.004557	.0012069	2.64931	.068311
%RSD	2.476582	2.173194	2.166048	57.13224	13.81908	3.363634	3.579933

#1	.1330216	-.074591	2.625130	-.003572	.0090408	81.17389	1.966103
#2	.1337789	-.071984	2.560228	-.007685	.0074025	75.92683	1.832842
#3	.1277963	-.071736	2.673297	-.012672	.0097567	79.18894	1.925559

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102430	.0207377	295.0631	.2225090	.1079085	1.890611	252.9187
Stddev	.0003006	.0002683	7.9043	.0060901	.0023319	.072423	6.8464
%RSD	2.935032	1.293967	2.678846	2.737000	2.160964	3.830656	2.706968

#1	.0105146	.0209220	301.3415	.2295297	.1079173	1.952268	259.3560
#2	.0099200	.0204298	286.1868	.2193476	.1055722	1.810855	245.7259
#3	.0102946	.0208612	297.6611	.2186498	.1102359	1.908709	253.6743

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.56910	69.16144	.2652784	.0104465	2.345034	.2029082	2.231612
Stddev	.27814	2.03573	.0059128	.0005337	.081448	.0067467	.021204
%RSD	2.631608	2.943446	2.228902	5.109024	3.473219	3.325006	.9501858

#1	10.82220	71.04160	.2654524	.0108619	2.431691	.2079077	2.254103
#2	10.27133	66.99950	.2592805	.0098446	2.270056	.1952343	2.211985
#3	10.61378	69.44322	.2711023	.0106330	2.333353	.2055826	2.228747

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.71771	28.11141	-.686161	.0127472	5.961938	4.801552	.2038045
Stddev	.47724	.56721	.019673	.0006253	.140925	.125038	.0077888
%RSD	4.072810	2.017716	2.867174	4.905656	2.363745	2.604118	3.821710

#1	12.14727	28.15262	-.706254	.0127732	5.973829	4.916843	.2032332
#2	11.20399	27.52472	-.666936	.0121092	5.815444	4.668637	.1963171
#3	11.80188	28.65688	-.685295	.0133590	6.096541	4.819177	.2118633

Sample Name: I5319-17 Acquired: 9/29/2017 17:11:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE099 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.028103	.1017327	.4648886
Stddev	.030514	.0044462	.0157136
%RSD	2.968035	4.370454	3.380068

#1	1.055511	.1055990	.4784813
#2	.995223	.0968743	.4476834
#3	1.033575	.1027248	.4685010

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	727.3103	1298.212	36451.75	12901.65	2148.522
Stddev	8.6514	12.784	699.98	314.56	38.195
%RSD	1.189510	.9847755	1.920297	2.438120	1.777728

#1	717.3308	1292.861	35643.70	12603.87	2137.126
#2	731.9057	1312.802	36839.50	13230.66	2191.117
#3	732.6943	1288.972	36872.06	12870.43	2117.322

Sample Name: I5319-18 Acquired: 9/29/2017 17:15:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE0A0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1113674	-.059836	1.954277	.0009810	.0074118	76.25919	1.964818
Stddev	.0020280	.003471	.014813	.0039634	.0022894	.13653	.000801
%RSD	1.821040	5.800156	.7579770	404.0279	30.88819	.1790337	.0407919

#1	.1121456	-.062857	1.948645	-.002221	.0100287	76.41637	1.964414
#2	.1090654	-.060605	1.943106	.005414	.0057791	76.19116	1.964300
#3	.1128910	-.056045	1.971080	-.000249	.0064277	76.17004	1.965742

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098394	.0162009	357.8741	.1684906	.1141993	1.452967	205.3368
Stddev	.0001460	.0002475	.8262	.0019572	.0009525	.004310	.5483
%RSD	1.484188	1.527508	.2308739	1.161589	.8340960	.2966516	.2670168

#1	.0100049	.0162995	357.2909	.1663472	.1140578	1.457698	205.7642
#2	.0097286	.0163838	358.8196	.1689417	.1133254	1.449263	205.5276
#3	.0097848	.0159193	357.5118	.1701828	.1152147	1.451940	204.7186

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.47712	67.98163	.2607796	.0087385	2.713178	.1862433	1.797224
Stddev	.04821	.31127	.0021375	.0002827	.033912	.0013200	.019364
%RSD	.4200925	.4578672	.8196666	3.235530	1.249890	.7087682	1.077427

#1	11.51545	68.33772	.2592151	.0088485	2.708302	.1874216	1.819266
#2	11.49293	67.84587	.2599087	.0089498	2.749263	.1864916	1.789454
#3	11.42299	67.76131	.2632151	.0084174	2.681968	.1848168	1.782952

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.45174	27.77358	-.534046	.0209986	4.427069	4.979642	.2072373
Stddev	.03324	.01907	.003081	.0005730	.017617	.022600	.0023301
%RSD	.2902361	.0686524	.5769878	2.728974	.3979459	.4538538	1.124362

#1	11.48580	27.75794	-.537405	.0214184	4.431076	5.000744	.2070471
#2	11.41939	27.79482	-.533381	.0203457	4.407793	4.955794	.2096566
#3	11.45004	27.76796	-.531350	.0212316	4.442337	4.982388	.2050081

Sample Name: I5319-18 Acquired: 9/29/2017 17:15:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE0A0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9059313	.0956852	.5476156
Stddev	.0015955	.0005258	.0012451
%RSD	.1761211	.5494786	.2273699

#1	.9074002	.0962830	.5486831
#2	.9061599	.0952945	.5479159
#3	.9042338	.0954781	.5462478

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	769.0315	1363.674	38003.33	13224.99	2206.656
Stddev	8.9079	9.423	218.56	86.15	6.887
%RSD	1.158323	.6910224	.5751044	.6514093	.3120996

#1	758.9413	1353.188	37753.48	13139.61	2201.380
#2	772.3471	1366.403	38097.42	13223.48	2214.447
#3	775.8061	1371.432	38159.09	13311.89	2204.140

Sample Name: I5319-19 Acquired: 9/29/2017 17:19:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE0A1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0677376	-.045662	2.791217	.0007339	.0058427	74.33760	1.191428
Stddev	.0037158	.004958	.056632	.0004548	.0029846	2.03645	.028374
%RSD	5.485602	10.85867	2.028930	61.97754	51.08274	2.739461	2.381476

#1	.0651779	-.048144	2.771217	.0012554	.0052492	72.00556	1.158919
#2	.0719996	-.039953	2.747300	.0004194	.0031995	75.24220	1.204161
#3	.0660352	-.048890	2.855136	.0005268	.0090796	75.76503	1.211205

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056980	.0142880	60.50388	.1869072	.0705277	.6719144	174.2479
Stddev	.0001241	.0007455	1.61107	.0043044	.0016411	.0167964	5.3029
%RSD	2.177805	5.218039	2.662760	2.302956	2.326908	2.499776	3.043303

#1	.0055547	.0143608	58.67785	.1869763	.0707087	.6539842	168.1932
#2	.0057707	.0135087	61.10905	.1825687	.0688036	.6744767	176.4837
#3	.0057686	.0149944	61.72475	.1911767	.0720708	.6872824	178.0667

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.541772	33.52190	.2266464	.0061049	1.764035	.2027591	2.233953
Stddev	.138778	.94484	.0037621	.0003200	.005753	.0056784	.066251
%RSD	3.055581	2.818567	1.659918	5.241101	.3261422	2.800544	2.965633

#1	4.384063	32.43603	.2243868	.0058255	1.763154	.1964811	2.170046
#2	4.596026	33.97326	.2245630	.0064540	1.758773	.2042598	2.229491
#3	4.645226	34.15640	.2309894	.0060353	1.770178	.2075364	2.302322

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.224656	40.79665	-.477340	.0131503	4.202434	6.211482	.1047371
Stddev	.210980	.69834	.009683	.0011854	.077571	.129166	.0011597
%RSD	2.920278	1.711770	2.028570	9.014533	1.845858	2.079468	1.107214

#1	6.993563	40.79403	-.469298	.0130580	4.209298	6.068680	.1049721
#2	7.273422	40.09961	-.474634	.0120137	4.121659	6.245608	.1034779
#3	7.406983	41.49629	-.488088	.0143792	4.276345	6.320159	.1057613

Sample Name: I5319-19 Acquired: 9/29/2017 17:19:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE0A1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.080281	.0817025	.1318377
Stddev	.030617	.0016916	.0033296
%RSD	2.834166	2.070377	2.525541

#1	1.045110	.0797494	.1280135
#2	1.094752	.0826998	.1334066
#3	1.100979	.0826584	.1340930

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	796.6175	1347.110	38992.86	13115.83	2430.197
Stddev	17.7193	27.619	718.41	260.87	49.982
%RSD	2.224314	2.050254	1.842414	1.988969	2.056723

#1	807.9618	1366.722	39374.92	13414.68	2454.427
#2	805.6916	1359.084	39439.51	12999.08	2463.447
#3	776.1990	1315.525	38164.15	12933.72	2372.718

Sample Name: CCV092 Acquired: 9/29/2017 17:23:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV092 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.843593	4.532607	23.39436	4.752330	4.839281	393.0607
Stddev	.003963	.030488	.03495	.009235	.005186	9.9115
%RSD	.0818146	.6726357	.1494128	.1943267	.1071732	2.521615

#1	4.847454	4.523980	23.38094	4.749086	4.845265	389.6268
#2	4.839535	4.566479	23.36810	4.762750	4.836077	404.2325
#3	4.843789	4.507362	23.43403	4.745155	4.836501	385.3229

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.919510	.5053698	2.426683	402.9998	14.92726	2.398987
Stddev	.350650	.0154224	.001496	9.7050	.09270	.003756
%RSD	3.534954	3.051700	.0616654	2.408190	.6209870	.1565814

#1	9.730330	.5001913	2.427032	400.5421	14.87699	2.394966
#2	10.32412	.5227150	2.425043	413.6974	15.03423	2.399588
#3	9.70408	.4932031	2.427974	394.7599	14.87055	2.402406

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.24749	401.3868	14.88240	405.6623	2.375876	1.288840
Stddev	.38483	10.5515	.39348	10.7115	.002409	.003810
%RSD	2.523902	2.628754	2.643898	2.640497	.1013894	.2955798

#1	15.13780	397.2803	14.72584	401.4627	2.375969	1.288434
#2	15.67526	413.3742	15.33006	417.8372	2.373422	1.292836
#3	14.92941	393.5060	14.59130	397.6869	2.378238	1.285250

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	398.5770	2.472297	14.27914	152.1799	F -.186391	F 4.117555
Stddev	10.5466	.062604	.16377	4.0703	.002632	.124351
%RSD	2.646076	2.532207	1.146922	2.674632	1.412355	3.020015

#1	394.0012	2.450551	14.33352	150.7291	-.184686	4.076162
#2	410.6388	2.542874	14.09510	156.7768	-.185064	4.257323
#3	391.0911	2.423467	14.40880	149.0338	-.189423	4.019180

Sample Name: CCV092 Acquired: 9/29/2017 17:23:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV092 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.746099	4.855385	4.991443	4.782930	4.974931	3.651614
Stddev	.006333	.031849	.135770	.008349	.122087	.092911
%RSD	.1334360	.6559481	2.720060	.1745484	2.454051	2.544373

#1	4.753330	4.847957	4.941710	4.791602	4.937532	3.624488
#2	4.743430	4.890292	5.145067	4.782239	5.111343	3.755069
#3	4.741538	4.827907	4.887551	4.774948	4.875917	3.575286

Elem	Sr4077
Units	ppm
Avg	3.649300
Stddev	.105024
%RSD	2.877918

#1	3.598847
#2	3.770030
#3	3.579023

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	586.6981	1026.416	29324.57	10711.26	1872.116
Stddev	8.5314	1.038	139.66	250.46	.880
%RSD	1.454135	.1011410	.4762650	2.338250	.0469836

#1	584.0285	1026.056	29306.23	10788.76	1873.032
#2	596.2450	1027.587	29472.50	10431.22	1871.278
#3	579.8207	1025.607	29194.99	10913.81	1872.037

Sample Name: CCB092 Acquired: 9/29/2017 17:28:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB092 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001073	-.002118	.0021098	.0016637	.0004276	.0003671	-.001231
Stddev	.002173	.000890	.0006268	.0033531	.0003719	.0030618	.000112
%RSD	202.4513	42.01248	29.70899	201.5410	86.98857	834.0121	9.129909

#1	-.003498	-.001196	.0017658	-.001671	.0005388	.0030533	-.001136
#2	-.000421	-.002187	.0017304	.001626	.0007311	.0010147	-.001355
#3	.000699	-.002972	.0028333	.005035	.0000127	-.002967	-.001202

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000042	.0000720	-.003451	-.000479	-.000158	-.000205	-.001686
Stddev	.000026	.0000998	.008600	.000364	.000431	.000392	.005650
%RSD	62.92441	138.6549	249.1815	75.90642	272.6913	191.2303	335.1007

#1	-.000072	.0000406	-.001351	-.000384	.000325	-.000170	.004640
#2	-.000022	.0001838	.003904	-.000173	-.000295	.000168	-.006228
#3	-.000032	-.000008	-.012906	-.000881	-.000504	-.000614	-.003470

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001143	-.001405	.0003516	.0001398	-.003677	-.000567	-.001715
Stddev	.0003489	.021071	.0005779	.0001616	.028829	.000475	.002314
%RSD	305.1945	1500.033	164.3334	115.5726	784.0383	83.66723	134.9878

#1	.0002361	.020337	.0010148	.0001501	-.036952	-.001086	.000914
#2	.0003859	-.002816	.0000837	-.000027	.013789	-.000461	-.002610
#3	-.000279	-.021735	-.000044	.000296	.012133	-.000155	-.003447

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067215	-.005176	.0071535	.0004136	-.011983	.0002534	.0004925
Stddev	.0194851	.008443	.0000411	.0001066	.003246	.0006859	.0004738
%RSD	289.8917	163.1242	.5741384	25.78404	27.08517	270.7307	96.21282

#1	-.015559	.002488	.0071988	.0003726	-.008752	-.000242	.0009577
#2	.015152	-.003789	.0071188	.0003336	-.011953	.001036	.0005092
#3	.020572	-.014227	.0071429	.0005347	-.015243	-.000035	.0000105

Sample Name: CCB092 Acquired: 9/29/2017 17:28:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB092 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000504	.0002037	-.000107
Stddev	.0005119	.0002766	.000009
%RSD	1015.276	135.8139	8.733089

#1	-.000183	.0005226	-.000097
#2	.000637	.0000293	-.000115
#3	-.000303	.0000591	-.000110

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	761.5542	1338.483	36510.46	12023.02	2999.266
Stddev	7.1179	4.189	279.52	52.16	3.221
%RSD	.9346524	.3129421	.7655770	.4338022	.1073960

#1	765.9216	1337.668	36565.65	12028.53	3002.381
#2	753.3406	1334.762	36207.46	12072.20	2995.948
#3	765.4002	1343.020	36758.26	11968.33	2999.470

Sample Name: I5319-20 Acquired: 9/29/2017 17:32:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE0A2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3611301	-.087527	7.604118	.0024303	.0120154	110.4136	7.790537
Stddev	.0060921	.003762	.233971	.0025459	.0004195	6.4270	.402823
%RSD	1.686964	4.297630	3.076901	104.7591	3.491167	5.820846	5.170677

#1	.3543764	-.085366	7.386776	-.000228	.0115496	105.9039	7.582746
#2	.3628028	-.085345	7.573814	.002672	.0121333	107.5642	7.534038
#3	.3662112	-.091870	7.851766	.004847	.0123634	117.7727	8.254827

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0167513	.0406109	287.3391	.4089271	.1793451	2.508222	324.4924
Stddev	.0007497	.0006147	16.0601	.0092603	.0059238	.138142	19.4409
%RSD	4.475304	1.513753	5.589242	2.264541	3.303037	5.507549	5.991165

#1	.0161611	.0399260	276.9374	.4194098	.1739337	2.414362	311.8307
#2	.0164980	.0411147	279.2442	.4055128	.1784273	2.443456	314.7700
#3	.0175948	.0407921	305.8358	.4018587	.1856742	2.666847	346.8766

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.072528	73.62728	.6522761	.0148779	3.148001	.3617150	9.211572
Stddev	.362739	4.31466	.0176462	.0007502	.151042	.0211387	.093470
%RSD	5.973435	5.860131	2.705325	5.042626	4.798018	5.844026	1.014704

#1	5.838496	70.86576	.6367217	.0143509	3.021772	.3512336	9.316675
#2	5.888709	71.41684	.6486544	.0145460	3.106888	.3478652	9.180274
#3	6.490377	78.59925	.6714521	.0157369	3.315343	.3860463	9.137767

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.96404	63.89618	-.848165	.0303016	11.46338	11.34661	.4539541
Stddev	.89782	2.29259	.036610	.0008065	.36233	.52580	.0128302
%RSD	5.623988	3.587990	4.316349	2.661514	3.160726	4.633973	2.826327

#1	15.27908	61.75813	-.824858	.0298847	11.11866	11.03859	.4410905
#2	15.63258	63.61335	-.829275	.0297888	11.43043	11.04751	.4540211
#3	16.98046	66.31706	-.890361	.0312311	11.84106	11.95373	.4667507

Sample Name: I5319-20 Acquired: 9/29/2017 17:32:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE0A2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.399157	.1599132	.6532485
Stddev	.074935	.0086096	.0357780
%RSD	5.355745	5.383920	5.476927

#1	1.348672	.1534164	.6286190
#2	1.363541	.1566449	.6368387
#3	1.485258	.1696784	.6942879

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	781.9734	1389.723	38467.02	13158.00	2161.409
Stddev	16.1838	15.330	669.00	583.44	44.479
%RSD	2.069610	1.103083	1.739149	4.434116	2.057851

#1	766.9689	1405.444	37734.76	13523.67	2202.543
#2	779.8287	1388.906	38620.07	13465.17	2167.475
#3	799.1226	1374.817	39046.24	12485.15	2114.209

Sample Name: I5319-21 Acquired: 9/29/2017 17:36:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE0A2D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3664329	-.089105	7.476242	.0001750	.0090269	106.1890	7.493871
Stddev	.0090526	.005820	.026816	.0050339	.0008644	1.2040	.071315
%RSD	2.470461	6.531890	.3586792	2876.195	9.576071	1.133809	.9516401

#1	.3715447	-.084079	7.466406	.0049288	.0097329	107.1337	7.551621
#2	.3559808	-.087754	7.455733	-.005099	.0080629	106.5998	7.515833
#3	.3717733	-.095482	7.506587	.000695	.0092850	104.8333	7.414158

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0161433	.0416372	273.9173	.4004298	.1773667	2.420052	311.3706
Stddev	.0002471	.0007334	2.9421	.0023803	.0002525	.024994	3.0750
%RSD	1.530556	1.761369	1.074099	.5944249	.1423568	1.032792	.9875595

#1	.0163949	.0408934	277.1887	.3984444	.1771026	2.428257	314.8207
#2	.0159010	.0416585	273.0748	.4030685	.1773916	2.439911	310.3725
#3	.0161342	.0423598	271.4883	.3997766	.1776058	2.391986	308.9187

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.802376	70.80907	.6488323	.0145606	3.070999	.3457073	9.174464
Stddev	.055024	.66647	.0021367	.0003753	.076042	.0056147	.068501
%RSD	.9483002	.9412152	.3293195	2.577825	2.476120	1.624118	.7466511

#1	5.863176	71.46845	.6485916	.0148940	3.109796	.3484695	9.112030
#2	5.787950	70.82303	.6468261	.0141541	3.119815	.3494058	9.247739
#3	5.756002	70.13574	.6510791	.0146337	2.983384	.3392466	9.163623

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.42682	64.15661	-.811856	.0303384	11.34906	10.75834	.4535205
Stddev	.16620	.37886	.010537	.0003400	.04394	.11287	.0010507
%RSD	1.077334	.5905179	1.297854	1.120708	.3871466	1.049178	.2316817

#1	15.49989	63.76247	-.822776	.0301711	11.30623	10.86470	.4523423
#2	15.54396	64.51807	-.811043	.0301144	11.39403	10.77039	.4538592
#3	15.23660	64.18929	-.801750	.0307296	11.34690	10.63992	.4543602

Sample Name: I5319-21 Acquired: 9/29/2017 17:36:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE0A2D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.339245	.1546431	.6297178
Stddev	.016233	.0013815	.0063190
%RSD	1.212125	.8933659	1.003465

#1	1.353402	.1553796	.6350382
#2	1.342807	.1555004	.6313819
#3	1.321527	.1530494	.6227333

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	773.8125	1343.560	38533.80	13609.40	2123.529
Stddev	8.0528	7.781	249.14	127.53	14.425
%RSD	1.040668	.5791540	.6465424	.9370722	.6793139

#1	778.5939	1346.749	38787.40	13483.62	2125.737
#2	764.5151	1349.240	38289.38	13605.98	2136.723
#3	778.3283	1334.690	38524.61	13738.61	2108.126

Sample Name: I5319-22 Acquired: 9/29/2017 17:40:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE0A2S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4417203	.0141977	7.681783	.0741053	.0425159	110.9994	11.17681
Stddev	.0081483	.0061284	.103257	.0041062	.0005032	.6450	.12455
%RSD	1.844680	43.16468	1.344182	5.541007	1.183634	.5810693	1.114373

#1	.4455634	.0177889	7.620330	.0746549	.0423481	111.1615	11.27722
#2	.4323611	.0176828	7.624024	.0779090	.0430816	111.5478	11.21577
#3	.4472363	.0071215	7.800995	.0697520	.0421180	110.2888	11.03743

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0967857	.1464943	273.5821	.7264310	1.226599	2.824114	320.1141
Stddev	.0003441	.0029347	1.4060	.0080529	.017357	.016387	2.2431
%RSD	.3555506	2.003250	.5139156	1.108553	1.415047	.5802361	.7007208

#1	.0969580	.1442278	271.9600	.7349002	1.216847	2.834767	318.8095
#2	.0970097	.1454460	274.4526	.7255211	1.216311	2.832330	322.7042
#3	.0963895	.1498092	274.3336	.7188717	1.246639	2.805244	318.8286

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.650888	71.48548	1.714607	.0203308	3.037178	1.225115	10.15229
Stddev	.061389	.64010	.024995	.0002249	.025533	.004822	.02431
%RSD	.9230129	.8954283	1.457781	1.106368	.8406714	.3936069	.2394163

#1	6.621043	71.34165	1.699396	.0201918	3.060345	1.220358	10.12649
#2	6.721493	72.18526	1.700970	.0205903	3.041386	1.230000	10.17476
#3	6.610129	70.92954	1.743455	.0202104	3.009803	1.224987	10.15562

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.81462	64.70140	-.842442	.0310472	11.74956	12.08521	1.668288
Stddev	.12422	1.33524	.007067	.0000476	.21269	.11102	.025236
%RSD	.7854933	2.063690	.8388376	.1532176	1.810231	.9186709	1.512694

#1	15.84236	63.75978	-.842734	.0309925	11.61574	12.09774	1.650018
#2	15.92263	64.11491	-.849358	.0310791	11.63813	12.18943	1.657763
#3	15.67887	66.22950	-.835234	.0310700	11.99482	11.96845	1.697083

Sample Name: I5319-22 Acquired: 9/29/2017 17:40:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE0A2S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.323869	.1559777	.6341947
Stddev	.005782	.0011101	.0005621
%RSD	.4367182	.7116809	.0886242

#1	1.323579	.1566201	.6344890
#2	1.329790	.1566170	.6345485
#3	1.318237	.1546959	.6335466

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	742.5834	1309.029	37396.11	13443.01	2068.938
Stddev	7.4572	4.355	375.93	96.75	16.906
%RSD	1.004222	.3326622	1.005277	.7197273	.8171458

#1	734.9845	1312.641	37053.74	13409.08	2079.583
#2	742.8752	1310.252	37336.18	13367.80	2077.788
#3	749.8904	1304.193	37798.41	13552.16	2049.444

Sample Name: I5319-20LX5 Acquired: 9/29/2017 17:44:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE0A2L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0886935	-.019612	1.694102	.0001113	.0017971	24.76993	1.805719
Stddev	.0037287	.003829	.003361	.0041504	.0023927	.06474	.007135
%RSD	4.204080	19.52196	.1984015	3729.628	133.1462	.2613665	.3951162

#1	.0928970	-.024031	1.695436	.0005487	.0023501	24.82555	1.803837
#2	.0857847	-.017306	1.696592	-.004241	.0038649	24.78538	1.813606
#3	.0873987	-.017498	1.690279	.004026	-.000824	24.69887	1.799714

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040426	.0076251	65.23479	.1053466	.0356954	.5587062	80.36292
Stddev	.0001522	.0001801	.25071	.0020476	.0006698	.0026538	.30792
%RSD	3.764841	2.361484	.3843252	1.943718	1.876328	.4749908	.3831672

#1	.0039324	.0078219	65.04631	.1030518	.0363613	.5600818	80.66677
#2	.0042162	.0075846	65.13872	.1060009	.0357032	.5603898	80.05108
#3	.0039791	.0074687	65.51933	.1069871	.0350218	.5556470	80.37092

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.477313	17.85798	.1376682	.0039141	.6799309	.0858134	2.166197
Stddev	.013260	.11532	.0002416	.0001643	.0366141	.0006173	.008869
%RSD	.8975811	.6457721	.1755100	4.197120	5.384972	.7193192	.4094105

#1	1.482149	17.99103	.1373956	.0038716	.6721858	.0865251	2.170719
#2	1.462313	17.78680	.1378562	.0037753	.6478090	.0854243	2.155979
#3	1.487475	17.79610	.1377527	.0040955	.7197979	.0854908	2.171894

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.611426	12.77313	-.194739	.0079392	2.328255	2.104574	.0993121
Stddev	.045059	.04663	.002310	.0004252	.006900	.004961	.0007822
%RSD	1.247678	.3650796	1.186082	5.355875	.2963505	.2357073	.7876687

#1	3.592159	12.73203	-.197262	.0081156	2.322365	2.103226	.1002112
#2	3.662915	12.76356	-.194225	.0082478	2.335847	2.110070	.0989372
#3	3.579203	12.82381	-.192729	.0074541	2.326555	2.100427	.0987877

Sample Name: I5319-20LX5 Acquired: 9/29/2017 17:44:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE0A2L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3123124	.0352335	.1525172
Stddev	.0003413	.0005341	.0002527
%RSD	.1092918	1.515835	.1656695

#1	.3119432	.0353705	.1525591
#2	.3123774	.0356857	.1527463
#3	.3126165	.0346442	.1522462

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	719.7709	1249.869	34898.35	11869.23	2522.624
Stddev	5.8641	7.901	137.22	29.41	5.930
%RSD	.8147127	.6321075	.3931860	.2478138	.2350628

#1	713.4429	1242.234	34745.08	11846.51	2516.561
#2	720.8483	1249.361	35009.75	11858.73	2522.900
#3	725.0216	1258.011	34940.22	11902.45	2528.411

Sample Name: PB102655BS Acquired: 9/29/2017 18:03:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0168980	.0555306	.0209901	.0669090	.1062274	.3533619
Stddev	.0030751	.0005829	.0000772	.0038806	.0015092	.0040167
%RSD	18.19795	1.049720	.3675484	5.799865	1.420734	1.136718

#1	.0171519	.0551954	.0209156	.0645183	.1045687	.3559436
#2	.0137038	.0551926	.0209852	.0713865	.1075196	.3554081
#3	.0198383	.0562037	.0210696	.0648222	.1065939	.3487341

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2887405	.0107630	.0106668	9.165825	.0230009	.0920082
Stddev	.0008793	.0000559	.0001397	.038196	.0012677	.0010008
%RSD	.3045129	.5190461	1.309153	.4167266	5.511413	1.087721

#1	.2885129	.0108272	.0107374	9.185222	.0240822	.0908771
#2	.2897111	.0107249	.0107571	9.190431	.0216058	.0927790
#3	.2879973	.0107371	.0105060	9.121822	.0233147	.0923683

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0440149	.2128654	.0304025	9.954885	.0774211	.0182399
Stddev	.0010105	.0052421	.0006158	.027436	.0004035	.0002470
%RSD	2.295791	2.462635	2.025461	.2756064	.5211641	1.354081

#1	.0450755	.2086528	.0310397	9.966561	.0776960	.0182945
#2	.0430634	.2187360	.0303573	9.923542	.0776095	.0184550
#3	.0439059	.2112073	.0298106	9.974551	.0769579	.0179702

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.059660	.0997540	.0973548	8.751864	F .0597335	F .0229458
Stddev	.034941	.0013949	.0028522	.043364	.0066618	.0015726
%RSD	.3856721	1.398335	2.929740	.4954863	11.15247	6.853318

#1	9.057408	.1012987	.1000279	8.747755	.0536317	.0239640
#2	9.095673	.0993768	.0943520	8.797137	.0587278	.0211346
#3	9.025901	.0985865	.0976845	8.710701	.0668409	.0237388

Sample Name: PB102655BS Acquired: 9/29/2017 18:03:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0217605	.1445889	.1891152	F .0881691	.1882705	.0637065
Stddev	.0002666	.0058427	.0002414	.0003128	.0006814	.0002213
%RSD	1.225027	4.040886	.1276532	.3547815	.3619478	.3473216

#1	.0216288	.1383946	.1889812	.0878428	.1890560	.0636741
#2	.0220673	.1500012	.1893939	.0884664	.1879185	.0639423
#3	.0215854	.1453709	.1889704	.0881980	.1878371	.0635033

Elem	Sr4077
Units	ppm
Avg	.1498572
Stddev	.0003127
%RSD	.2086994

#1	.1500088
#2	.1500654
#3	.1494976

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	767.5621	1327.482	36206.83	12224.19	2888.980
Stddev	2.5424	9.603	34.53	65.39	20.462
%RSD	.3312285	.7234005	.0953664	.5349291	.7082614

#1	765.2778	1336.760	36183.69	12153.80	2912.073
#2	767.1072	1328.100	36246.52	12235.74	2881.762
#3	770.3012	1317.584	36190.28	12283.04	2873.106

Sample Name: PB102653BS Acquired: 9/29/2017 18:08:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0175878	.0541778	.0207938	.0685602	.1133882	.3671604
Stddev	.0025752	.0031207	.0019383	.0023852	.0010014	.0028762
%RSD	14.64191	5.760175	9.321776	3.479006	.8831605	.7833589

#1	.0188475	.0557474	.0186767	.0660499	.1144706	.3640412
#2	.0146252	.0505838	.0212233	.0707966	.1124947	.3697076
#3	.0192906	.0562021	.0224814	.0688340	.1131994	.3677324

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3055427	.0108684	.0108054	9.219717	.0231525	.0939611
Stddev	.0010268	.0000694	.0001383	.054931	.0002530	.0002585
%RSD	.3360617	.6380841	1.279961	.5957968	1.092659	.2750652

#1	.3060833	.0109463	.0108318	9.220251	.0229429	.0942595
#2	.3043585	.0108455	.0106558	9.164521	.0230810	.0938132
#3	.3061862	.0108134	.0109286	9.274378	.0234335	.0938106

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0471016	.2245436	.0320494	10.46377	.0796902	.0182820
Stddev	.0009548	.0028973	.0004034	.06038	.0010764	.0000813
%RSD	2.027150	1.290306	1.258753	.5770073	1.350736	.4444855

#1	.0460341	.2255558	.0319902	10.44646	.0808419	.0182231
#2	.0473967	.2212760	.0316789	10.41393	.0795192	.0183747
#3	.0478740	.2267990	.0324792	10.53091	.0787096	.0182482

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.515206	.1042435	.0988393	9.284626	F .0644455	F .0223396
Stddev	.094121	.0017182	.0028925	.050117	.0056267	.0004294
%RSD	.9891602	1.648249	2.926426	.5397887	8.731001	1.922027

#1	9.618586	.1025612	.0976652	9.264053	.0677080	.0226313
#2	9.434479	.1059954	.1021342	9.248069	.0579483	.0225410
#3	9.492553	.1041740	.0967184	9.341756	.0676802	.0218466

Sample Name: PB102653BS Acquired: 9/29/2017 18:08:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0229247	.1458270	.1917889	F .0904115	.1957782	.0673970
Stddev	.0001113	.0048379	.0013583	.0010544	.0011114	.0002072
%RSD	.4856243	3.317597	.7082424	1.166189	.5677076	.3074456

#1	.0228984	.1442369	.1911180	.0909302	.1955989	.0675823
#2	.0228288	.1419842	.1933521	.0891983	.1947673	.0671733
#3	.0230468	.1512599	.1908965	.0911060	.1969684	.0674354

Elem	Sr4077
Units	ppm
Avg	.1570436
Stddev	.0007385
%RSD	.4702497

#1	.1569819
#2	.1563380
#3	.1578111

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	720.4782	1245.534	34834.71	11820.83	2757.875
Stddev	3.8333	14.793	216.28	47.17	26.983
%RSD	.5320491	1.187661	.6208845	.3990577	.9783915

#1	721.9415	1228.638	34917.16	11789.68	2727.321
#2	716.1288	1251.809	34589.33	11875.10	2767.869
#3	723.3643	1256.154	34997.65	11797.70	2778.435

Sample Name: CCV093 Acquired: 9/29/2017 18:14:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV093 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.829357	4.551375	23.31078	4.787258	4.881315	383.4017
Stddev	.090120	.096240	.44293	.086060	.100990	2.4111
%RSD	1.866093	2.114521	1.900096	1.797691	2.068916	.6288826

#1	4.826491	4.556484	23.32533	4.779706	4.878547	385.9517
#2	4.920877	4.644959	23.74625	4.876845	4.983661	383.0948
#3	4.740704	4.452683	22.86075	4.705222	4.781737	381.1588

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.586755	.4990273	2.452752	385.9514	14.62626	2.401797
Stddev	.038347	.0031176	.045494	2.5244	.18188	.044201
%RSD	.3999966	.6247424	1.854808	.6540771	1.243503	1.840320

#1	9.630824	.5026018	2.449336	387.0505	14.49503	2.404391
#2	9.568449	.4968704	2.499857	387.7398	14.54987	2.444644
#3	9.560992	.4976097	2.409062	383.0637	14.83387	2.356356

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.56329	391.5433	14.32564	396.5538	2.389860	1.254604
Stddev	.09551	2.3974	.09585	2.4368	.042775	.019494
%RSD	.6558299	.6123022	.6690859	.6145035	1.789840	1.553833

#1	14.67163	393.9929	14.41509	399.3510	2.392589	1.242827
#2	14.49126	391.4352	14.33736	395.4189	2.431205	1.243880
#3	14.52698	389.2017	14.22447	394.8914	2.345786	1.277106

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	386.3053	2.387755	13.79395	148.0245	F -.166694	F 4.010827
Stddev	2.8378	.019016	.11973	.8716	.006656	.024960
%RSD	.7346115	.7964153	.8680141	.5888362	3.992818	.6223199

#1	389.5796	2.409583	13.74223	149.0102	-.173038	4.038101
#2	384.5571	2.374771	13.70877	147.3554	-.159765	3.989122
#3	384.7791	2.378912	13.93085	147.7080	-.167279	4.005259

Sample Name: CCV093 Acquired: 9/29/2017 18:14:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV093 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.826038	4.920408	4.816174	4.805522	4.774978	3.546053
Stddev	.098985	.107844	.029044	.099319	.036340	.029412
%RSD	2.051056	2.191779	.6030583	2.066764	.7610506	.8294341

#1	4.829211	4.901997	4.846399	4.803580	4.815598	3.577175
#2	4.923398	5.036273	4.788475	4.905798	4.763783	3.518717
#3	4.725505	4.822954	4.813649	4.707189	4.745552	3.542267

Elem	Sr4077
Units	ppm
Avg	3.525041
Stddev	.023939
%RSD	.6791023

#1	3.552675
#2	3.510652
#3	3.511796

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	590.9493	1011.357	29636.45	10864.65	1858.373
Stddev	5.6022	19.381	293.85	79.31	33.466
%RSD	.9479949	1.916338	.9915063	.7299546	1.800826

#1	590.2672	1008.546	29782.12	10773.19	1855.818
#2	596.8613	993.535	29829.00	10906.49	1826.258
#3	585.7194	1031.990	29298.22	10914.28	1893.044

Sample Name: CCB093 Acquired: 9/29/2017 18:19:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB093 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002712	.0001350	-.001025	.0001949	-.000660	.0070791	-.000829
Stddev	.002714	.0012638	.001715	.0004357	.000953	.0021723	.000391
%RSD	100.0822	936.3045	167.2667	223.5323	144.3187	30.68647	47.16332

#1	.000418	.0010049	-.000175	.0002834	-.001642	.0079587	-.000393
#2	-.004419	-.001315	-.003000	-.000278	-.000599	.0086737	-.000944
#3	-.004135	.000715	.000098	.000580	.000260	.0046049	-.001149

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000145	.0001041	.0015940	-.000265	-.000093	.0004121	.0097840
Stddev	.000088	.0000364	.0085271	.000299	.000223	.0010391	.0063889
%RSD	61.06916	34.95215	534.9503	112.8795	238.9675	252.1771	65.29935

#1	-.000217	.0001164	.0114349	-.000574	-.000343	.0010849	.0101014
#2	-.000046	.0000632	-.003046	-.000243	.000083	-.000785	.0160084
#3	-.000171	.0001327	-.003607	.000023	-.000019	.000936	.0032424

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005068	.0027631	-.000051	.0000301	.0657140	.0002496	-.003249
Stddev	.0002614	.0113209	.000201	.0001619	.0699650	.0021162	.001340
%RSD	51.58307	409.7258	394.7021	537.5789	106.4689	847.7973	41.24167

#1	.0002442	.0145690	.000126	-.000155	.0893557	-.000687	-.002920
#2	.0007670	-.008001	-.000009	.000144	-.013009	-.001237	-.002104
#3	.0005092	.001721	-.000270	.000101	.120795	.002673	-.004722

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0230396	-.003920	.0088304	.0003545	-.010458	-.000051	.0011156
Stddev	.0316881	.001141	.0002264	.0002662	.000945	.000779	.0007169
%RSD	137.5375	29.11335	2.563431	75.09856	9.038757	1534.824	64.26766

#1	-.000108	-.002758	.0089910	.0006467	-.011096	.000792	.0006488
#2	.059155	-.003962	.0089288	.0002914	-.010905	-.000746	.0019410
#3	.010072	-.005040	.0085715	.0001255	-.009372	-.000198	.0007568

Sample Name: CCB093 Acquired: 9/29/2017 18:19:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v172) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB093 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005352	.0002390	-.000041
Stddev	.0001575	.0002334	.000022
%RSD	29.42632	97.66824	54.26490

#1	.0007113	.0001697	-.000019
#2	.0004078	.0004992	-.000040
#3	.0004867	.0000481	-.000063

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	717.6241	1247.656	34876.10	11746.43	2839.910
Stddev	5.3821	6.752	175.95	82.12	7.596
%RSD	.7499853	.5411369	.5045078	.6990942	.2674796

#1	712.3171	1239.897	34710.04	11826.02	2833.569
#2	723.0782	1252.193	35060.50	11662.00	2848.329
#3	717.4770	1250.879	34857.75	11751.28	2837.832