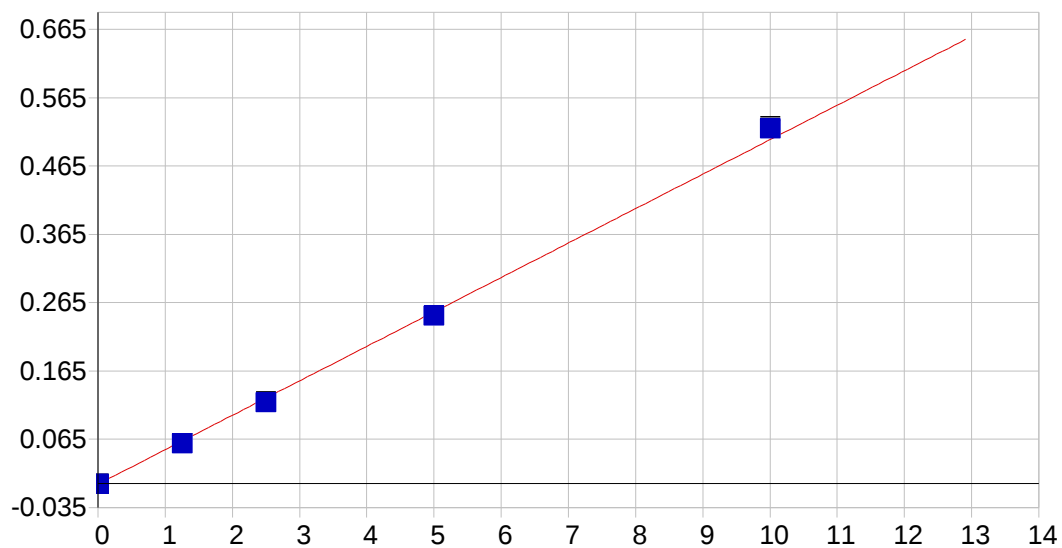




As 189.042 {479}

Date of Fit: 10/13/2017 14:12:23

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000651

Re-Slope: 1.000000

A1 (Gain): 0.050420

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999357

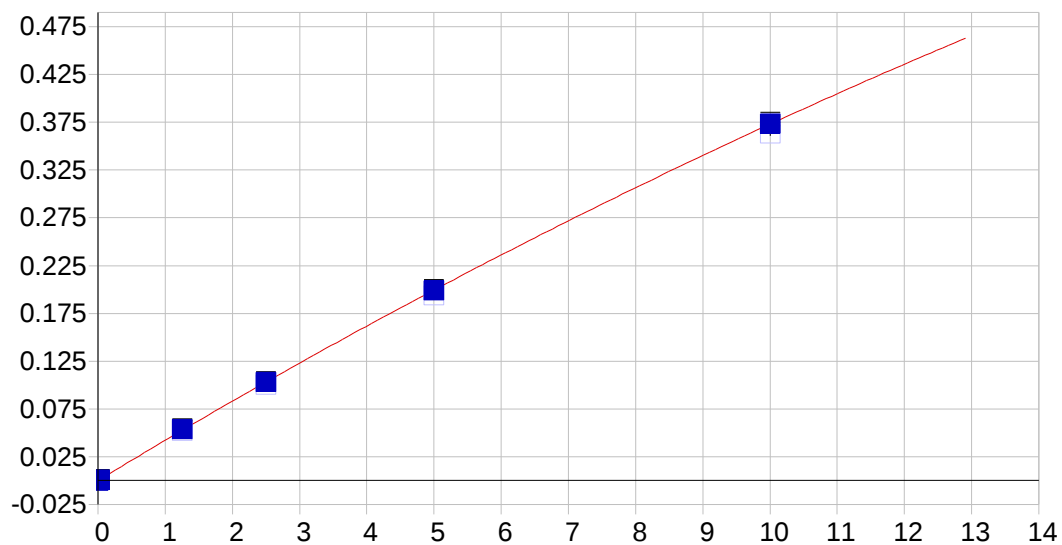
Status: OK.

Std Error of Est: 0.000030

Predicted MDL: 0.005314

Predicted MQL: 0.017714

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00065	.000	1
S1	.01000	.00729	-.003	-27.1	-.00028	.000	1
S2	1.2500	1.1787	-.071	-5.71	.05887	.000	1
S3	2.5000	2.3706	-.129	-5.17	.11906	.001	1
S4	5.0000	4.8855	-.114	-2.29	.24605	.000	1
S5	10.000	10.318	.318	3.18	.52033	.003	1

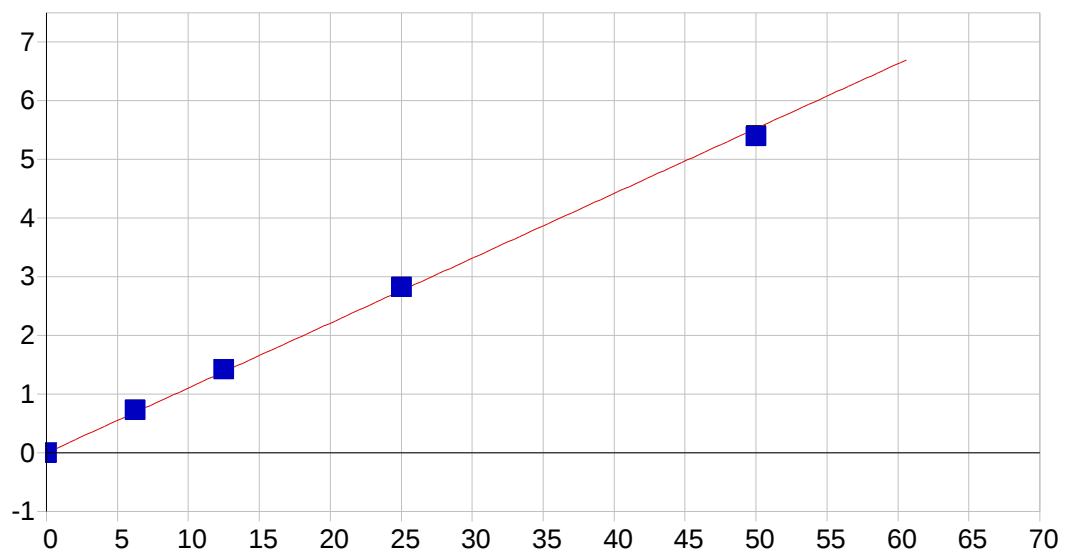


TI 190.856 {477}

Date of Fit: 10/13/2017 14:12:23 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.000364 Re-Slope: 1.000000
 A1 (Gain): 0.043047 Y-int: 0.000000
 A2 (Curvature): -0.000495
 n (Exponent): 0.990000
 Correlation: 0.999967 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.002822
 Predicted MQL: 0.009408

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00036	.000	1
S1	.02500	.02160	-.003	-13.6	.00051	.000	1
S2	1.2500	1.2723	.022	1.79	.05219	.001	1
S3	2.5000	2.4880	-.012	-.480	.10019	.001	1
S4	5.0000	4.9833	-.017	-.333	.19370	.001	1
S5	10.000	10.010	.010	.098	.36309	.002	1

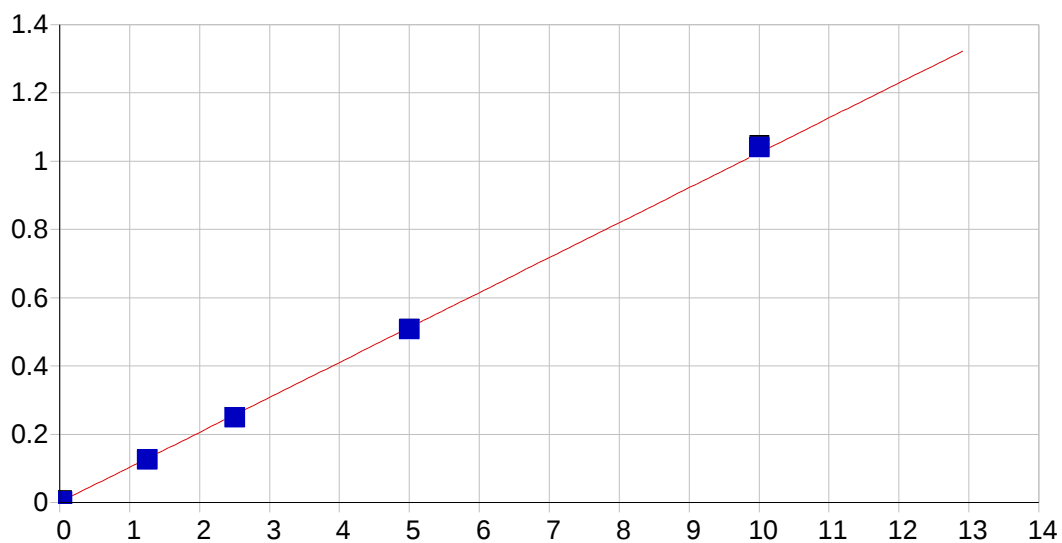


Pb 220.353 {453}

Date of Fit: 10/13/2017 14:12:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000570 Re-Slope: 1.000000
 A1 (Gain): 0.110556 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999656 Status: OK.
 Std Error of Est: 0.000109
 Predicted MDL: 0.002161
 Predicted MQL: 0.007204

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00057	.000	1
S1	.01000	.01122	.001	12.2	.00067	.000	1
S2	6.2500	6.5774	.327	5.24	.72681	.002	1
S3	12.500	12.831	.331	2.65	1.4184	.008	1
S4	25.000	25.517	.517	2.07	2.8213	.006	1
S5	50.000	48.823	-1.18	-2.35	5.3987	.008	1

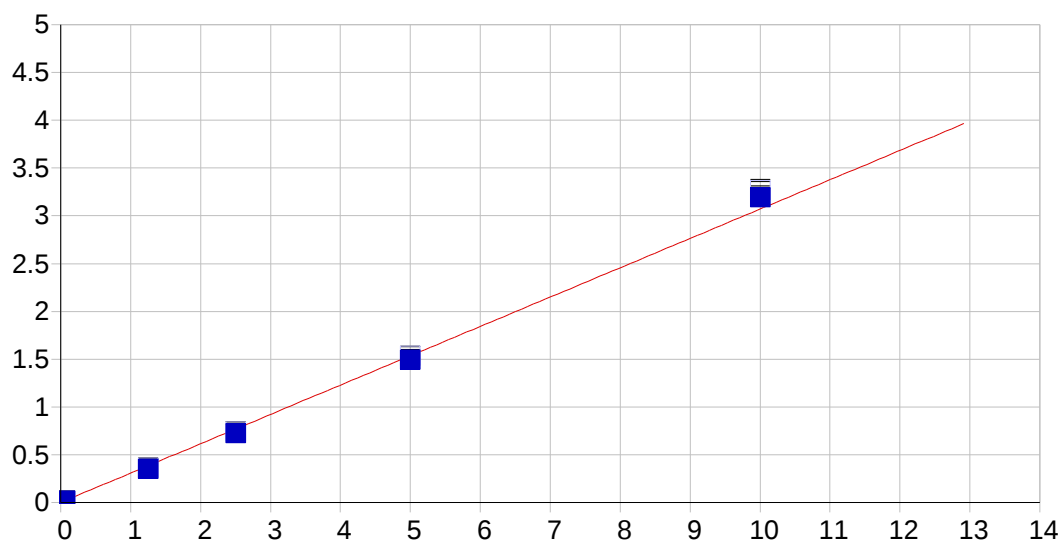


Se 196.090 {472}

Date of Fit: 10/13/2017 14:12:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000866 Re-Slope: 1.000000
 A1 (Gain): 0.102365 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999810 Status: OK.
 Std Error of Est: 0.000062
 Predicted MDL: 0.003547
 Predicted MQL: 0.011825

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00087	.000	1
S1	.03500	.03076	-.004	-12.1	.00401	.000	1
S2	1.2500	1.2165	-.033	-2.68	.12492	.001	1
S3	2.5000	2.4240	-.076	-3.04	.24805	.000	1
S4	5.0000	4.9464	-.054	-1.07	.50531	.001	1
S5	10.000	10.167	.167	1.67	1.0379	.005	1

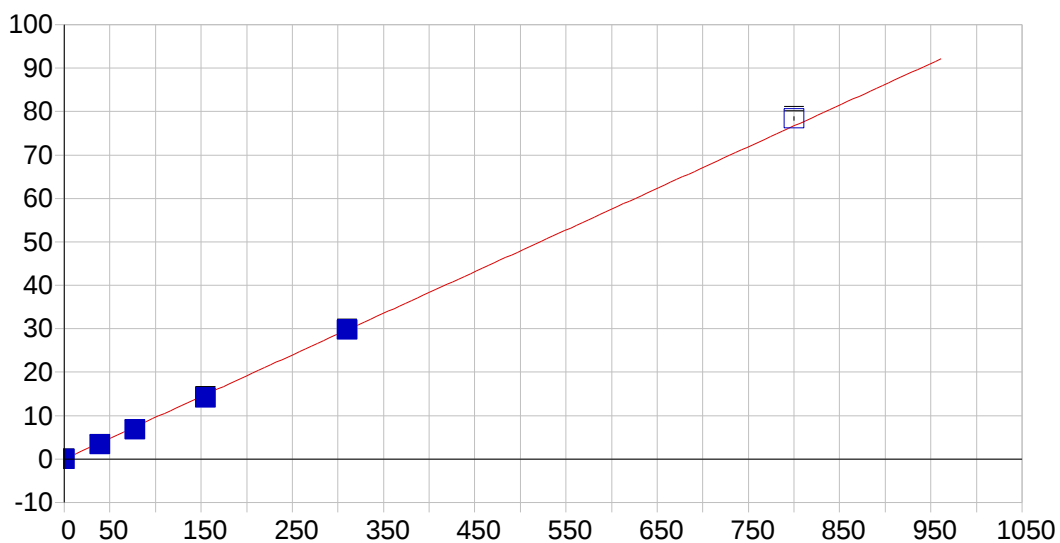


Sb 206.833 {463}

Date of Fit: 10/13/2017 14:12:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000824 Re-Slope: 1.000000
 A1 (Gain): 0.306959 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999024 Status: OK.
 Std Error of Est: 0.000572
 Predicted MDL: 0.001417
 Predicted MQL: 0.004724

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00083	.000	1
S1	.06000	.05253	-.007	-12.5	.01694	.000	1
S2	1.2500	1.1472	-.103	-8.22	.36218	.001	1
S3	2.5000	2.3473	-.153	-6.11	.73978	.001	1
S4	5.0000	4.8623	-.138	-2.75	1.5302	.004	1
S5	10.000	10.401	.401	4.01	3.2671	.013	1

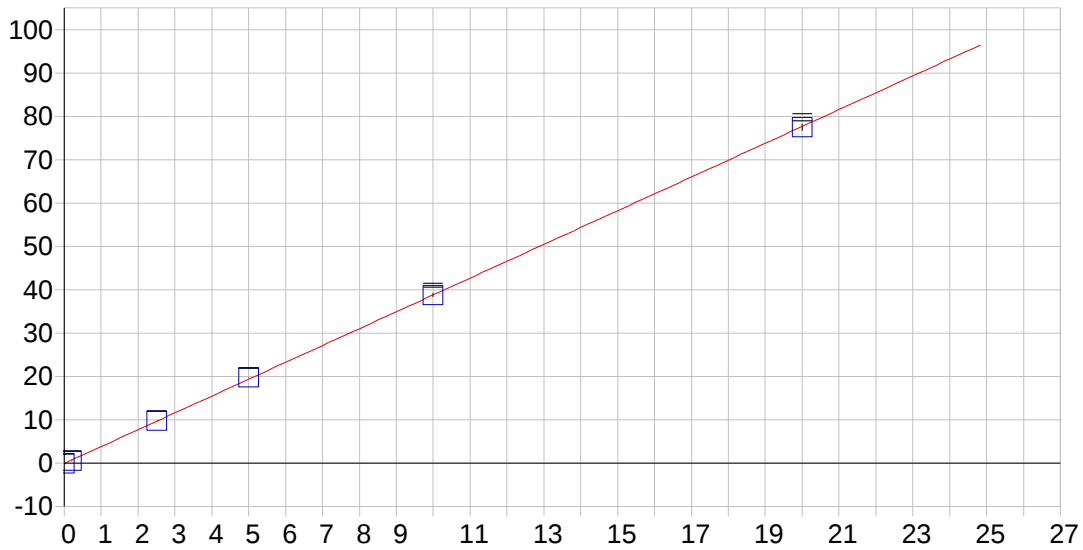


AI 396.152 { 85}

Date of Fit: 10/13/2017 14:12:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000079	Re-Slope: 1.000000
A1 (Gain):	0.095863	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999342	Status: OK.
Std Error of Est:	0.002164	
Predicted MDL:	0.003117	
Predicted MQL:	0.010391	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	-.00007	.000	1
S1	.20000	.16664	-.033	-16.7	.01593	.000	1
S2	38.750	34.685	-4.07	-10.5	3.3293	.007	1
S3	77.500	70.409	-7.09	-9.15	6.7585	.028	1
S4	155.00	147.66	-7.34	-4.74	14.173	.163	1
S5	310.00	310.90	.898	.290	29.839	.104	1
S6	800.00	817.66	17.7	2.21	78.383	.502	1

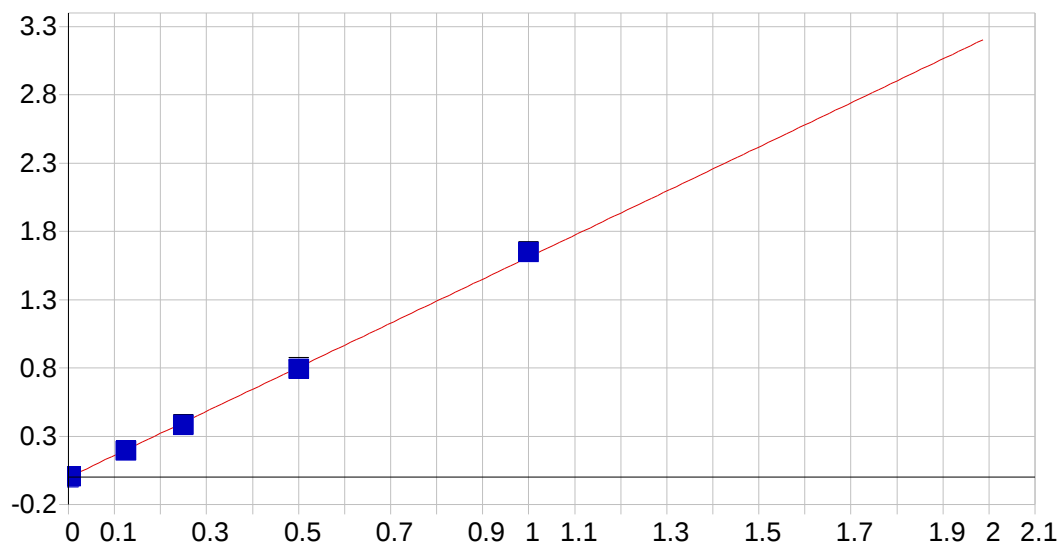


Ba 493.409 { 68}

Date of Fit: 10/13/2017 14:12:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.072082 Re-Slope: 1.000000
 A1 (Gain): 3.886080 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999746 Status: OK.
 Std Error of Est: 0.009306
 Predicted MDL: 0.000323
 Predicted MQL: 0.001077

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00005	.000	.000	-.07187	.000	1
S1	.20000	.14136	-.059	-29.3	.47727	.003	1
S2	2.5000	2.5345	.035	1.38	9.7772	.017	1
S3	5.0000	5.0813	.081	1.63	19.674	.087	1
S4	10.000	9.9929	-.007	-.071	38.761	.440	1
S5	20.000	19.950	-.050	-.251	77.455	.837	1

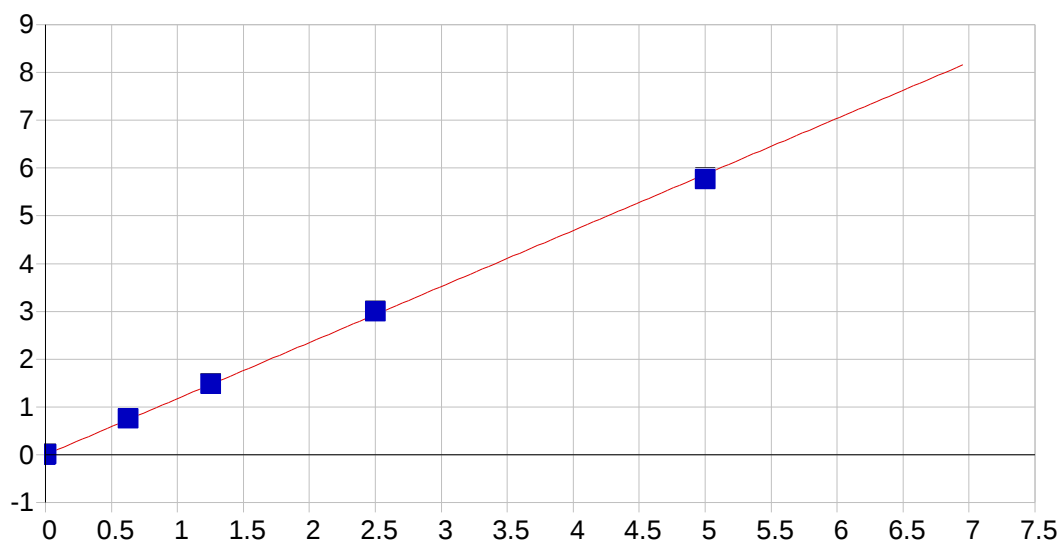


Be 234.861 {144}

Date of Fit: 10/13/2017 14:12:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001500 Re-Slope: 1.000000
 A1 (Gain): 1.613296 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999626 Status: OK.
 Std Error of Est: 0.000165
 Predicted MDL: 0.000106
 Predicted MQL: 0.000353

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00150	.000	1
S1	.00500	.00508	.000	1.52	.00668	.000	1
S2	.12500	.12133	-.004	-2.93	.19357	.001	1
S3	.25000	.23714	-.013	-5.14	.37972	.005	1
S4	.50000	.49331	-.007	-1.34	.79164	.011	1
S5	1.0000	1.0231	.023	2.31	1.6437	.003	1

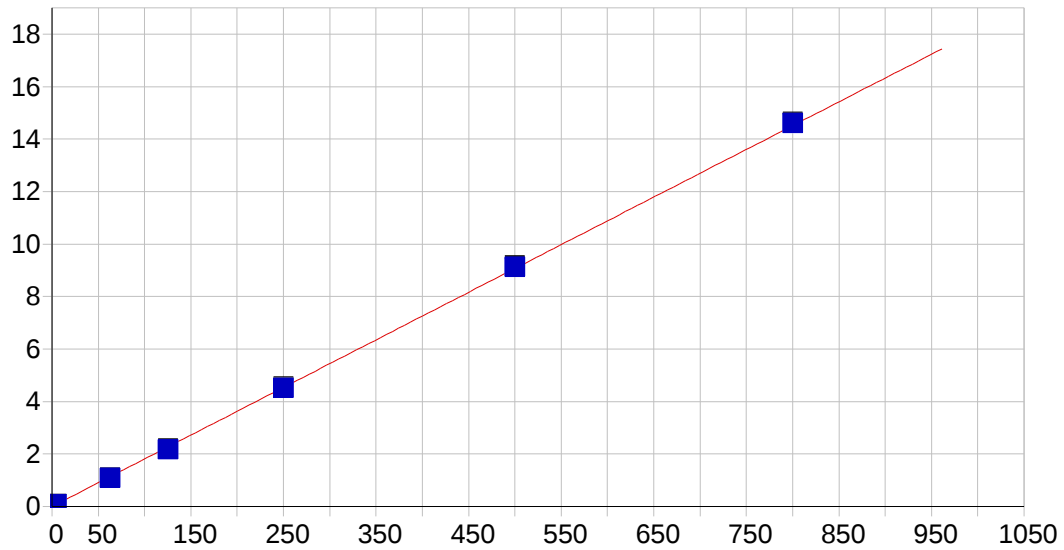


Cd 214.438 {457}

Date of Fit: 10/13/2017 14:12:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000428 Re-Slope: 1.000000
 A1 (Gain): 1.173412 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999825 Status: OK.
 Std Error of Est: 0.000184
 Predicted MDL: 0.000172
 Predicted MQL: 0.000574

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00043	.000	1
S1	.00500	.00517	.000	3.48	.00565	.000	1
S2	.62500	.64123	.016	2.60	.75373	.001	1
S3	1.2500	1.2618	.012	.947	1.4837	.011	1
S4	2.5000	2.5570	.057	2.28	3.0069	.001	1
S5	5.0000	4.9147	-.085	-1.71	5.7804	.016	1

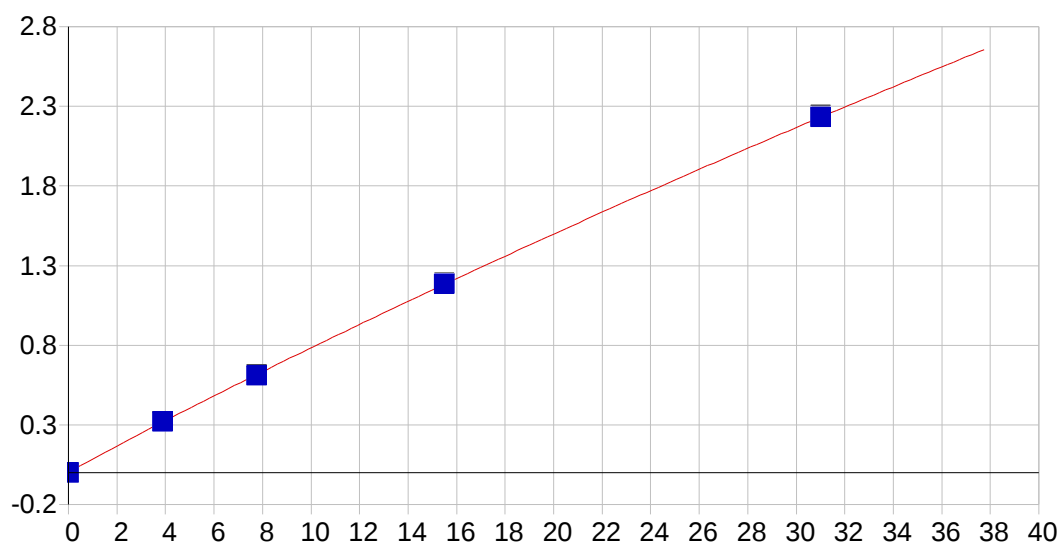


Ca 373.690 { 90}

Date of Fit: 10/13/2017 14:12:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000698 Re-Slope: 1.000000
 A1 (Gain): 0.018140 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999874 Status: OK.
 Std Error of Est: 0.001004
 Predicted MDL: 0.011574
 Predicted MQL: 0.038580

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00091	.001	.000	.00071	.000	1
S1	5.0000	4.4410	-.559	-11.2	.08125	.001	1
S2	62.500	59.975	-2.53	-4.04	1.0872	.004	1
S3	125.00	119.93	-5.07	-4.05	2.1735	.014	1
S4	250.00	249.05	-.954	-.382	4.5128	.044	1
S5	500.00	503.20	3.20	.640	9.1175	.041	1
S6	800.00	805.91	5.91	.739	14.590	.026	1

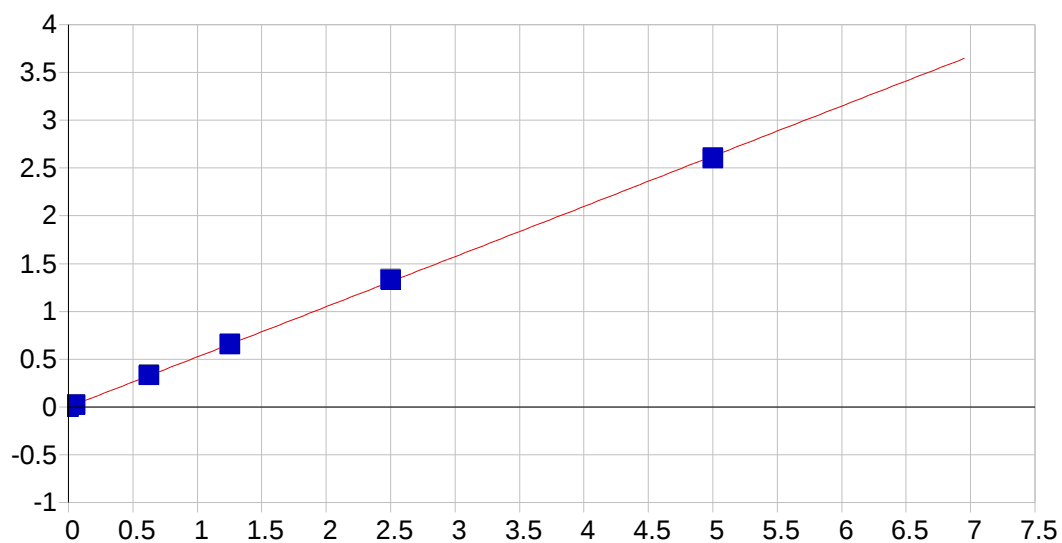


Cr 267.716 {126}

Date of Fit: 10/13/2017 14:12:23 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000019 Re-Slope: 1.000000
 A1 (Gain): 0.086020 Y-int: 0.000000
 A2 (Curvature): -0.000223
 n (Exponent): 0.970000
 Correlation: 0.999989 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.000544
 Predicted MQL: 0.001813

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00002	.000	1
S1	.01000	.00892	-.001	-10.8	.00091	.000	1
S2	3.8750	3.9192	.044	1.14	.32132	.000	1
S3	7.7500	7.6857	-.064	-.829	.61197	.003	1
S4	15.500	15.519	.019	.121	1.1874	.003	1
S5	31.000	31.002	.002	.007	2.2381	.008	1

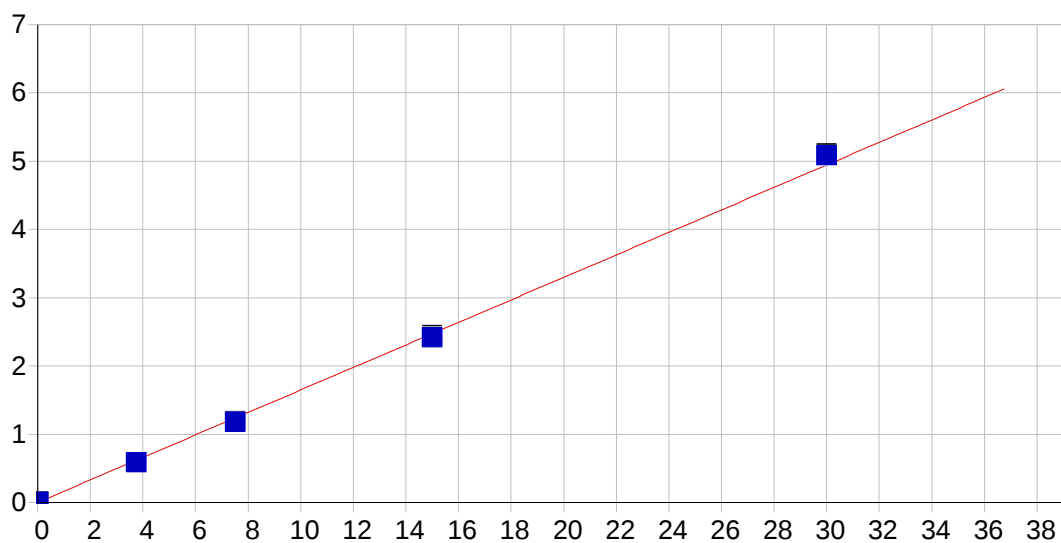


Co 228.616 {448}

Date of Fit: 10/13/2017 14:12:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000684 Re-Slope: 1.000000
 A1 (Gain): 0.524805 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999923 Status: OK.
 Std Error of Est: 0.000174
 Predicted MDL: 0.000345
 Predicted MQL: 0.001149

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00068	.000	1
S1	.05000	.04552	-.004	-8.96	.02330	.000	1
S2	.62500	.63060	.006	.896	.33094	.001	1
S3	1.2500	1.2507	.001	.060	.65708	.004	1
S4	2.5000	2.5404	.040	1.62	1.3353	.001	1
S5	5.0000	4.9577	-.042	-.845	2.6066	.003	1

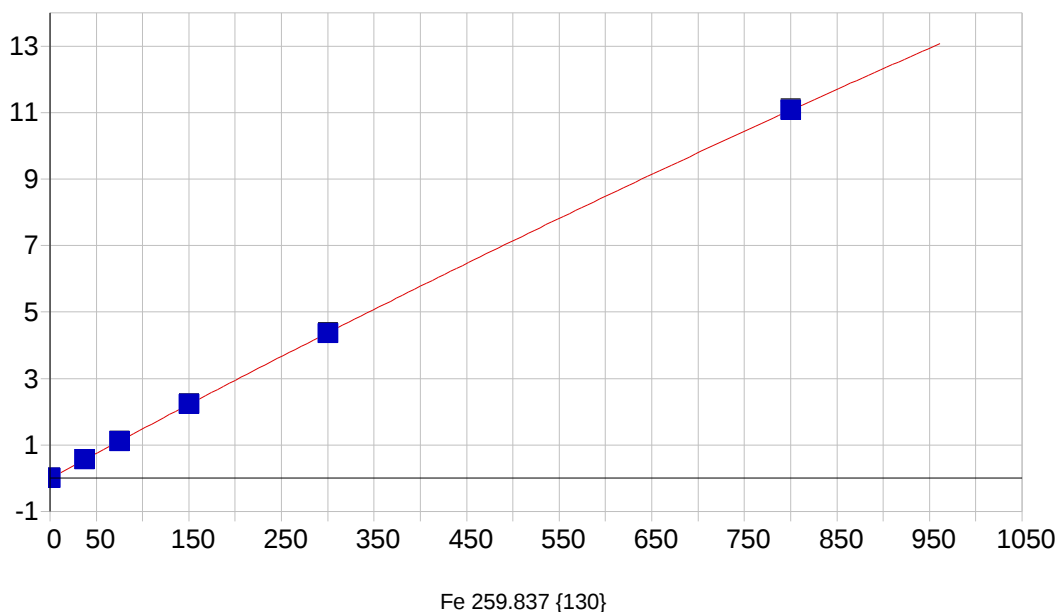


Cu 324.754 {104}

Date of Fit: 10/13/2017 14:12:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001062 Re-Slope: 1.000000
 A1 (Gain): 0.164819 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999507 Status: OK.
 Std Error of Est: 0.000237
 Predicted MDL: 0.000903
 Predicted MQL: 0.003010

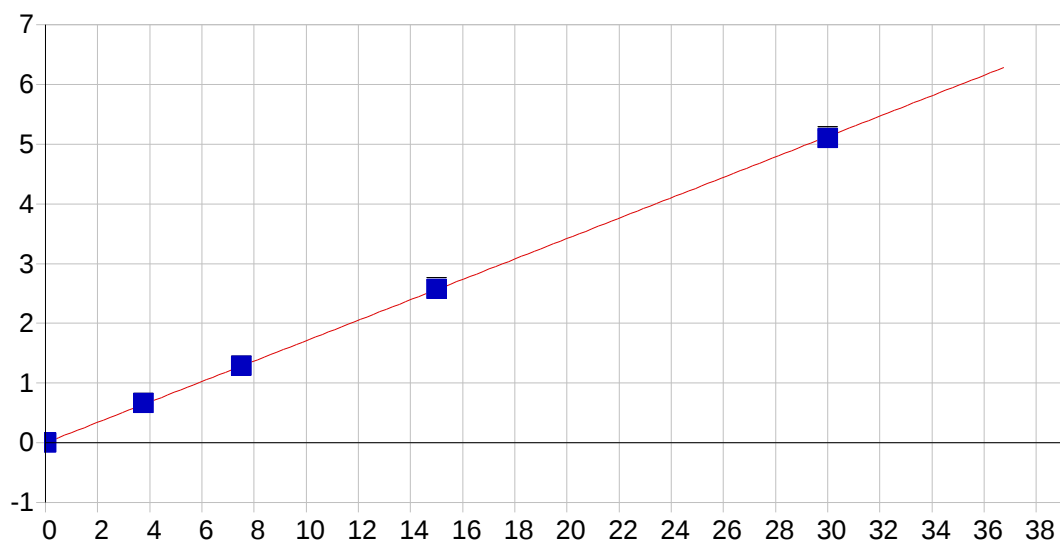
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00106	.000	1
S1	.02500	.02164	-.003	-13.4	.00460	.000	1
S2	3.7500	3.5636	-.186	-4.97	.58664	.002	1
S3	7.5000	7.1673	-.333	-4.44	1.1788	.007	1
S4	15.000	14.678	-.322	-2.15	2.4132	.033	1
S5	30.000	30.845	.845	2.82	5.0707	.023	1



Date of Fit: 10/13/2017 14:12:23 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000012 Re-Slope: 1.000000
 A1 (Gain): 0.015031 Y-int: 0.000000
 A2 (Curvature): -0.000001
 n (Exponent): 1.000000
 Correlation: 0.999992 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.006847
 Predicted MQL: 0.022822

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00001	.000	1
S1	.10000	.10989	.010	9.89	.00167	.000	1
S2	37.500	38.172	.672	1.79	.57227	.002	1
S3	75.000	74.760	-.240	-.320	1.1167	.002	1
S4	150.00	150.37	.366	.244	2.2291	.021	1
S5	300.00	298.78	-1.22	-.408	4.3631	.016	1
S6	800.00	800.42	.423	.053	11.081	.027	1

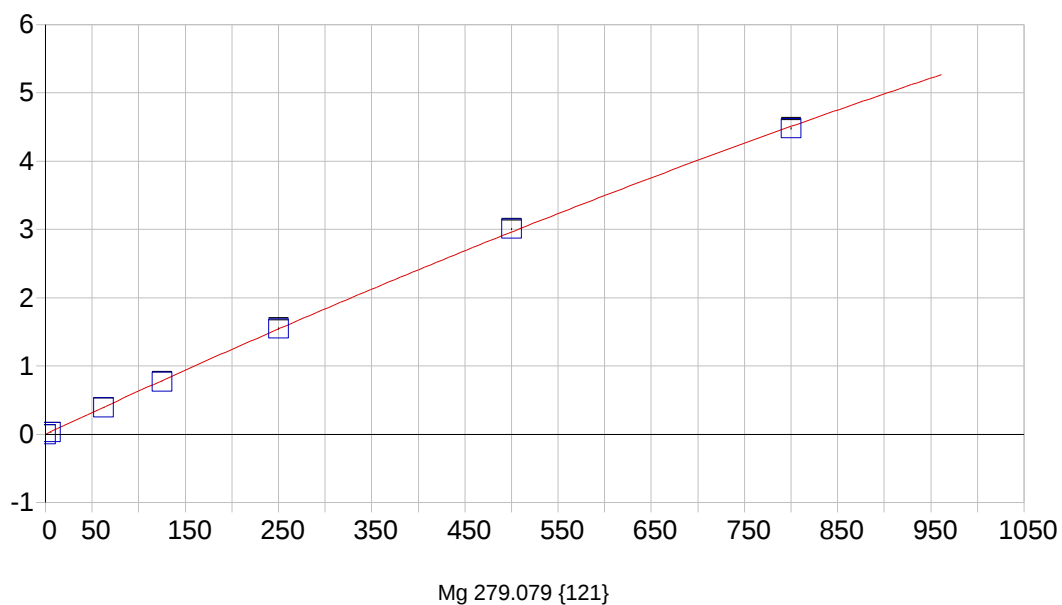


Mn 257.610 {131}

Date of Fit: 10/13/2017 14:12:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000089 Re-Slope: 1.000000
 A1 (Gain): 0.170925 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957 Status: OK.
 Std Error of Est: 0.000056
 Predicted MDL: 0.000528
 Predicted MQL: 0.001760

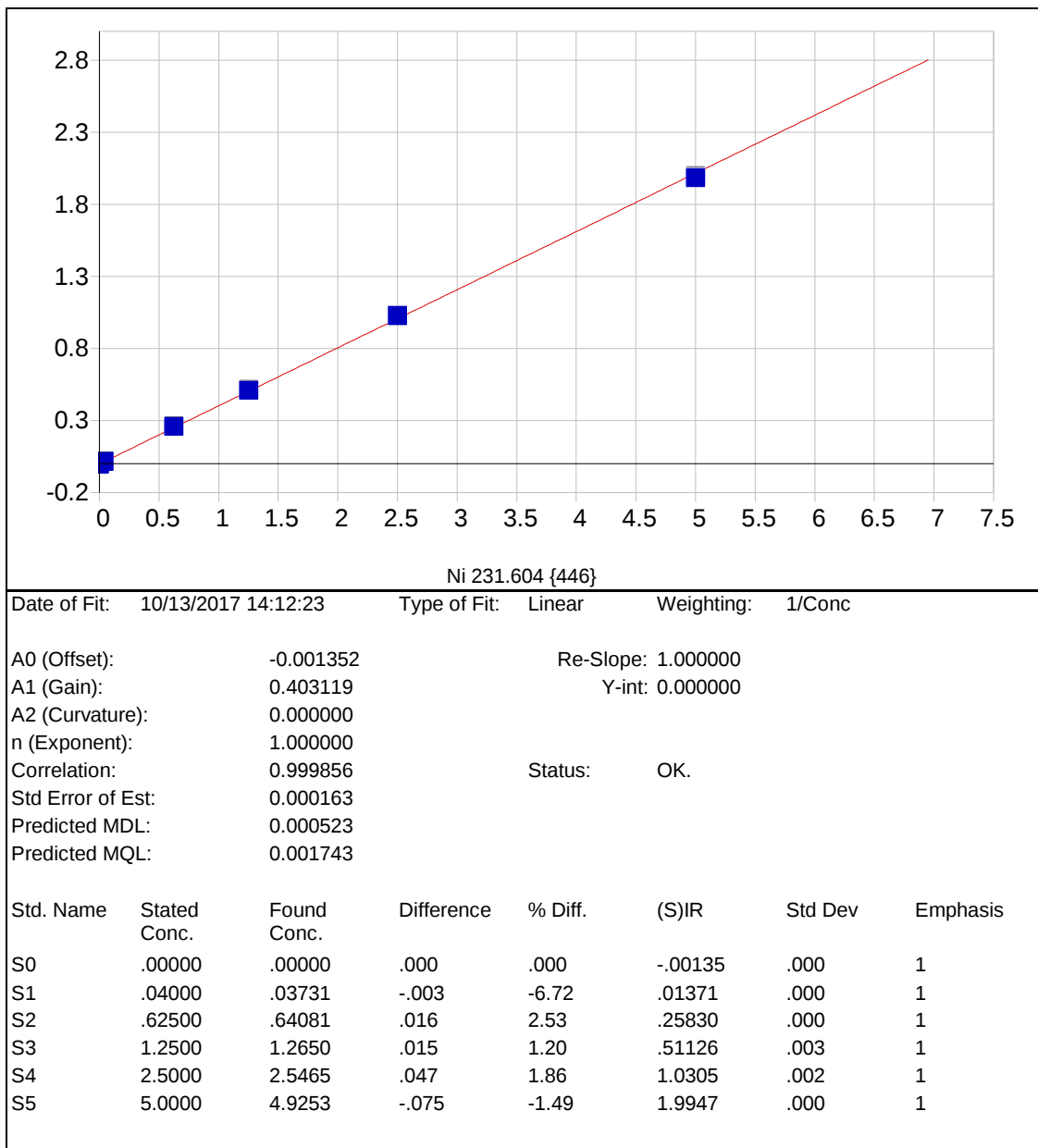
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00009	.000	1
S1	.01500	.01594	.001	6.28	.00264	.000	1
S2	3.7500	3.8598	.110	2.93	.65979	.002	1
S3	7.5000	7.5043	.004	.057	1.2829	.007	1
S4	15.000	15.073	.073	.483	2.5767	.023	1
S5	30.000	29.812	-.188	-.625	5.0967	.026	1

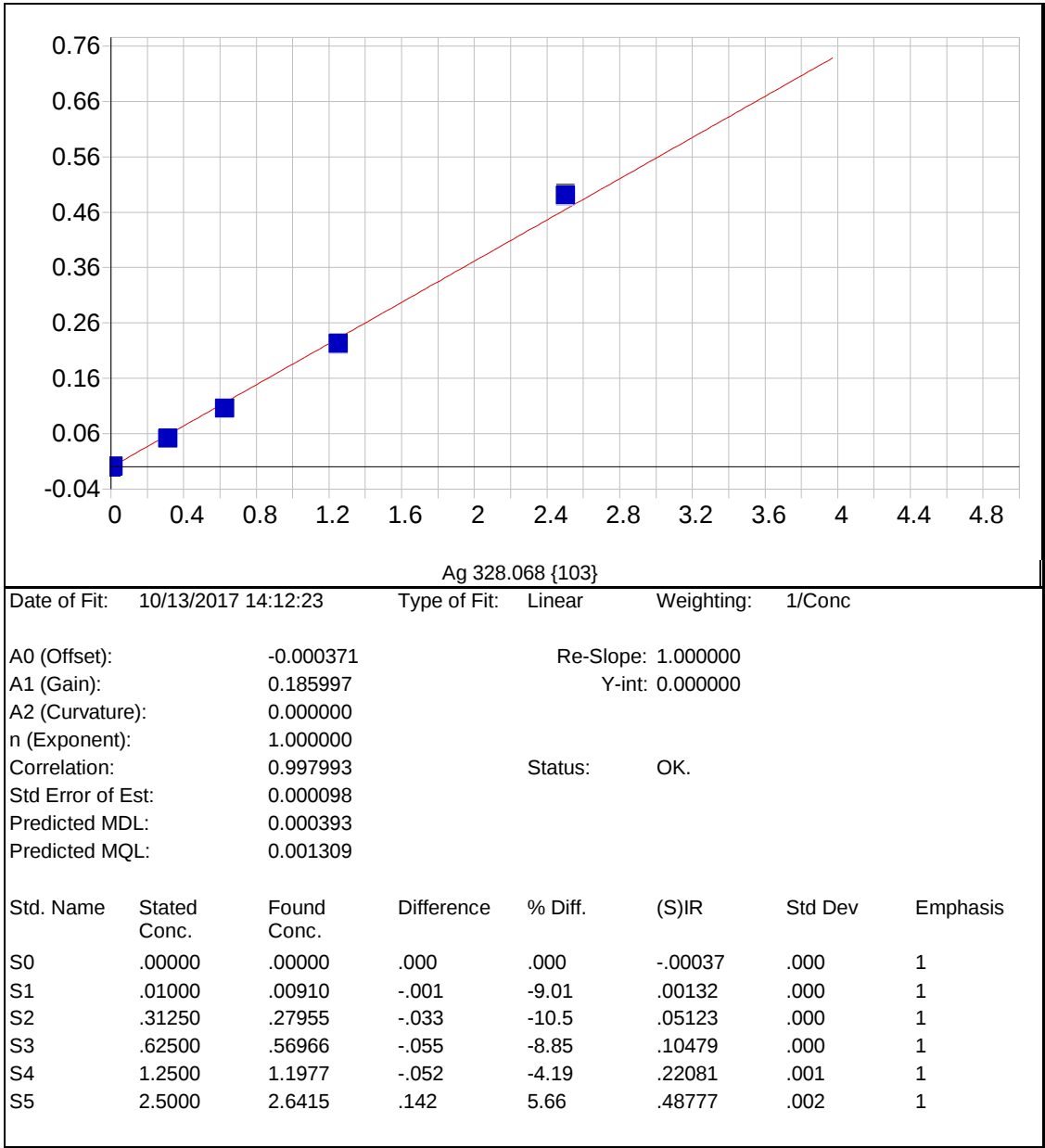


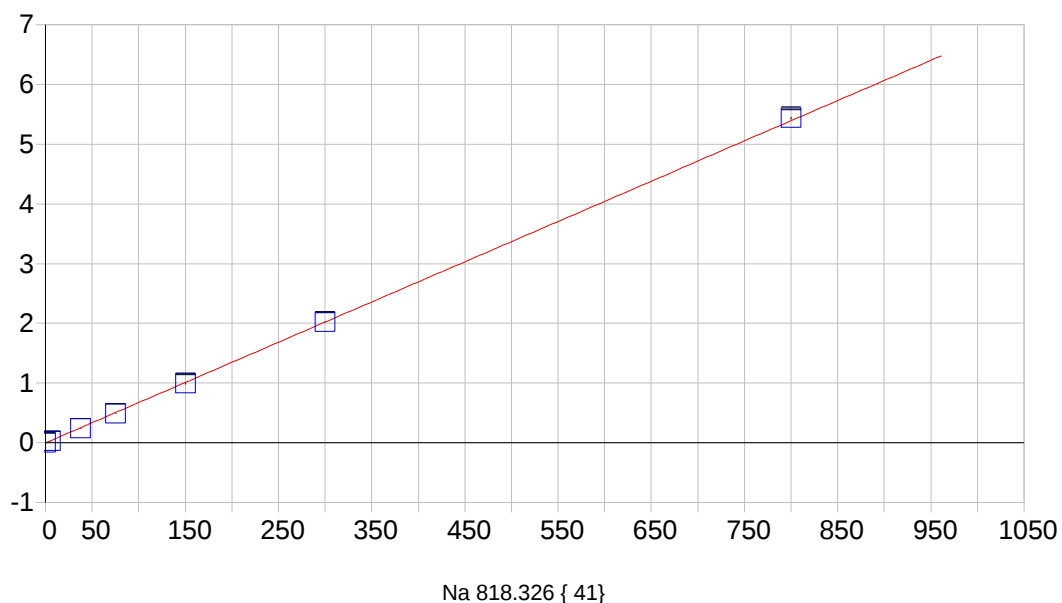
Date of Fit: 10/13/2017 14:12:23 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000208 Re-Slope: 1.000000
 A1 (Gain): 0.006414 Y-int: 0.000000
 A2 (Curvature): -0.000001
 n (Exponent): 1.000000
 Correlation: 0.999924 Status: OK.
 Std Error of Est: 0.000283
 Predicted MDL: 0.018142
 Predicted MQL: 0.060473

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00056	.001	.000	-.00020	.000	1
S1	5.0000	4.5382	-.462	-9.24	.02888	.000	1
S2	62.500	61.715	-.785	-1.26	.39193	.001	1
S3	125.00	122.45	-2.55	-2.04	.77058	.002	1
S4	250.00	251.00	1.00	.402	1.5485	.014	1
S5	500.00	508.20	8.20	1.64	3.0082	.014	1
S6	800.00	794.48	-5.52	-.690	4.4817	.014	1



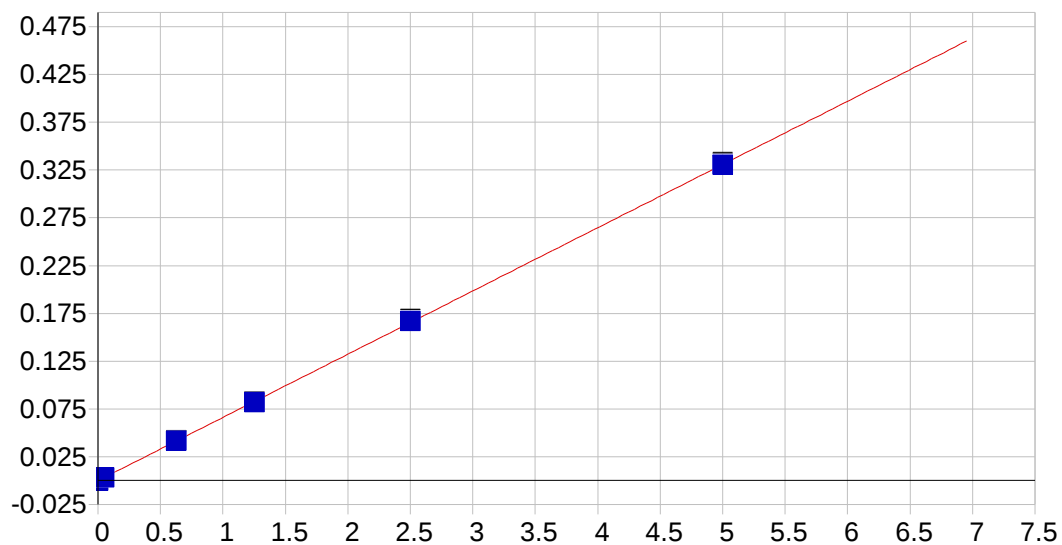




Date of Fit: 10/13/2017 14:12:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001276 Re-Slope: 1.000000
 A1 (Gain): 0.006740 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999880 Status: OK.
 Std Error of Est: 0.000323
 Predicted MDL: 0.082237
 Predicted MQL: 0.274122

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00106	.001	.000	-.00127	.000	1
S1	5.0000	4.3053	-.695	-13.9	.02774	.000	1
S2	37.500	36.369	-1.13	-3.01	.24385	.000	1
S3	75.000	72.533	-2.47	-3.29	.48759	.002	1
S4	150.00	147.05	-2.95	-1.96	.98985	.012	1
S5	300.00	300.43	.428	.143	2.0236	.007	1
S6	800.00	806.81	6.81	.851	5.4365	.022	1

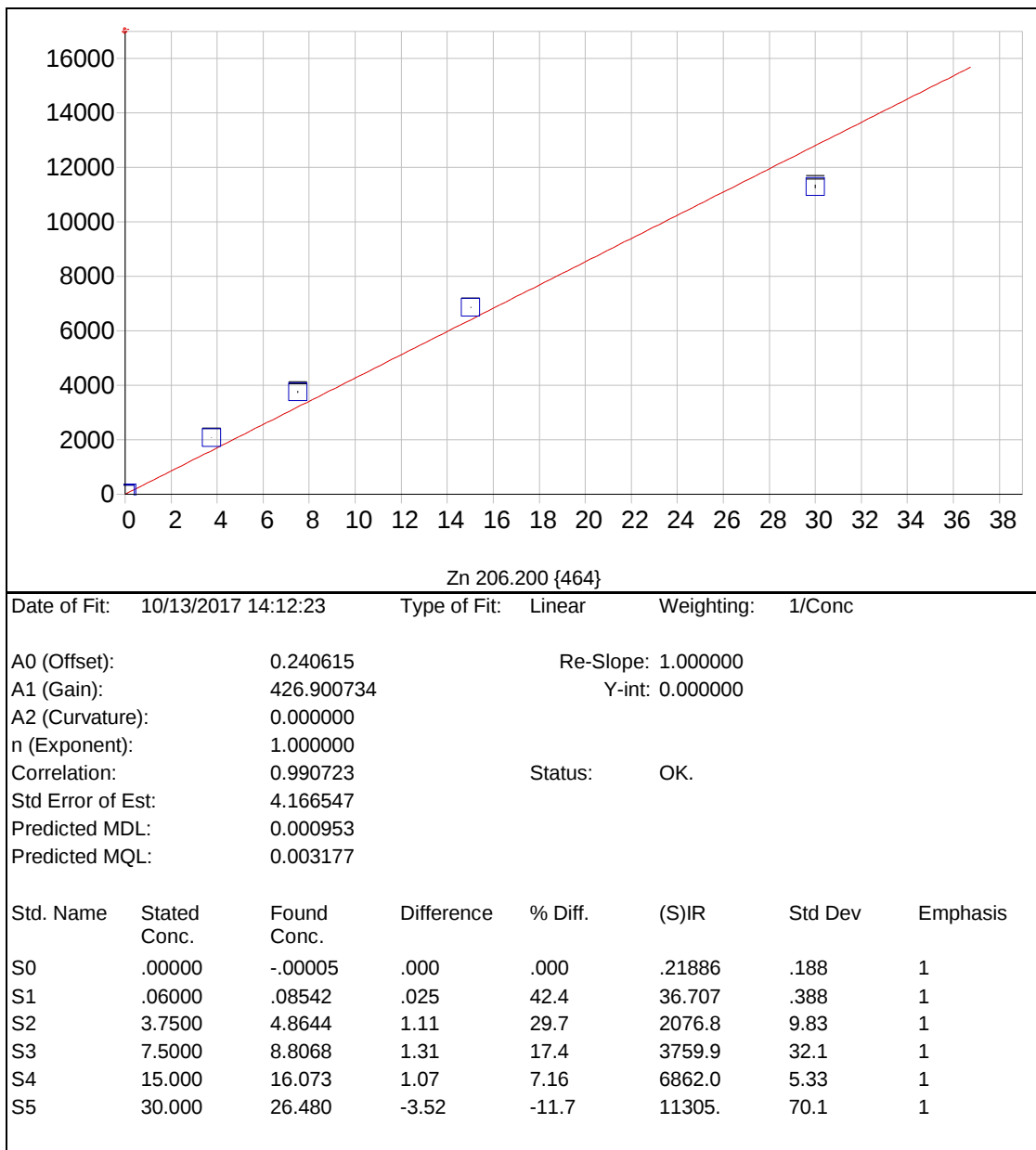


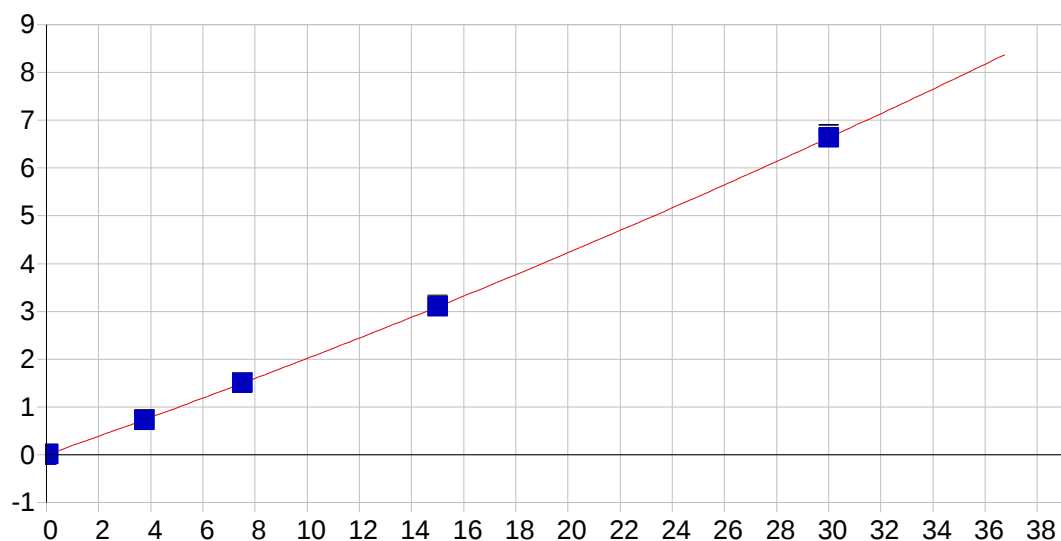
V 292.402 {115}

Date of Fit: 10/13/2017 14:12:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000049 Re-Slope: 1.000000
 A1 (Gain): 0.066180 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999987 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.001968
 Predicted MQL: 0.006559

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00005	.000	1
S1	.05000	.04917	-.001	-1.67	.00321	.000	1
S2	.62500	.62875	.004	.599	.04173	.000	1
S3	1.2500	1.2398	-.010	-.813	.08235	.000	1
S4	2.5000	2.5169	.017	.675	.16720	.002	1
S5	5.0000	4.9904	-.010	-.193	.33158	.002	1



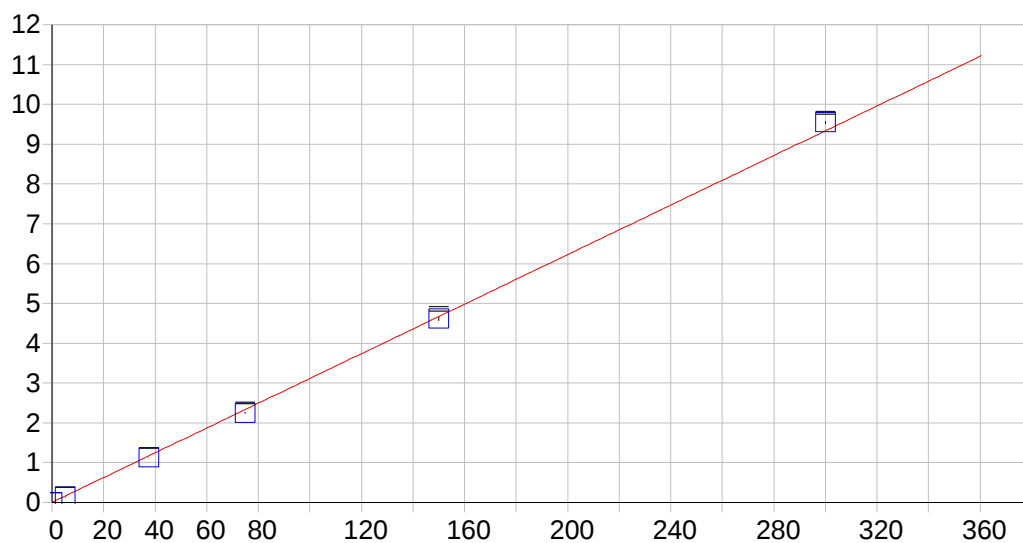


Zn 213.856 {158}

Date of Fit: 10/13/2017 14:12:23 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	-0.000712	Re-Slope: 1.000000
A1 (Gain):	0.191708	Y-int: 0.000000
A2 (Curvature):	0.000981	
n (Exponent):	1.000000	
Correlation:	0.999997	Status: Warning Positive Curvature
Std Error of Est:	0.000045	
Predicted MDL:	0.004702	
Predicted MQL:	0.015675	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00071	.001	1
S1	.06000	.05904	-.001	-1.60	.01065	.001	1
S2	3.7500	3.7174	-.033	-.870	.72723	.008	1
S3	7.5000	7.5272	.027	.362	1.5014	.017	1
S4	15.000	15.015	.015	.100	3.1060	.025	1
S5	30.000	29.991	-.009	-.030	6.6454	.060	1

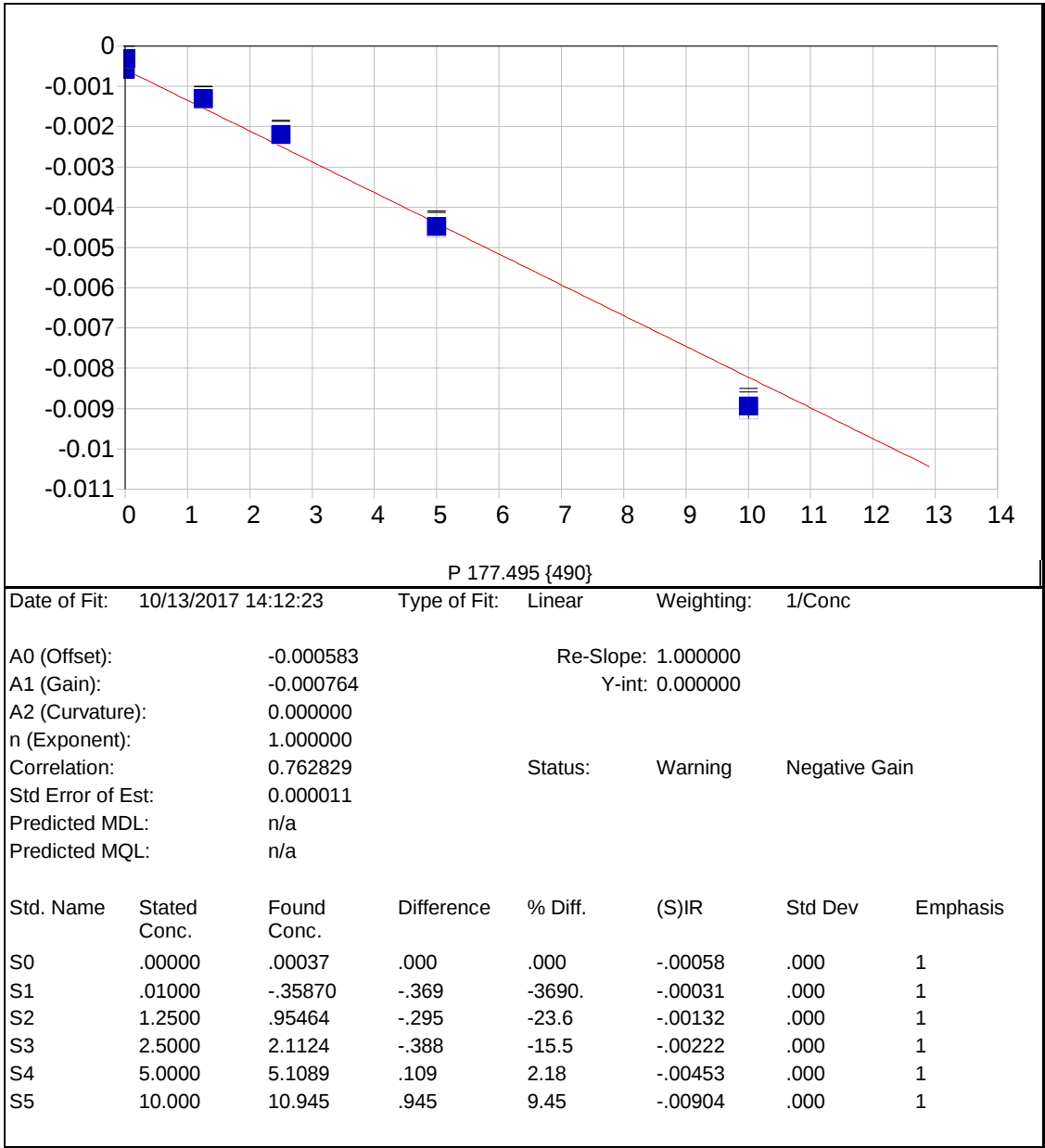


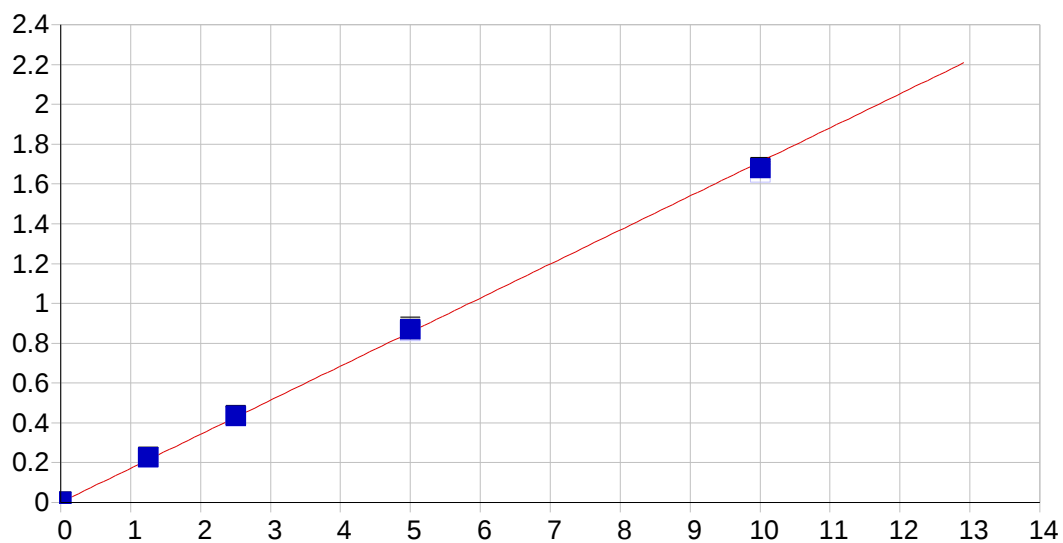
K 769.896 { 44}

Date of Fit: 10/13/2017 14:12:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003614 Re-Slope: 1.000000
 A1 (Gain): 0.031111 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999634 Status: OK.
 Std Error of Est: 0.001735
 Predicted MDL: 0.017503
 Predicted MQL: 0.058342

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00096	.001	.000	.00364	.000	1
S1	5.0000	4.3806	-.619	-12.4	.13990	.001	1
S2	37.500	35.987	-1.51	-4.03	1.1232	.005	1
S3	75.000	72.169	-2.83	-3.77	2.2489	.022	1
S4	150.00	148.25	-1.75	-1.17	4.6159	.061	1
S5	300.00	306.71	6.71	2.24	9.5458	.033	1



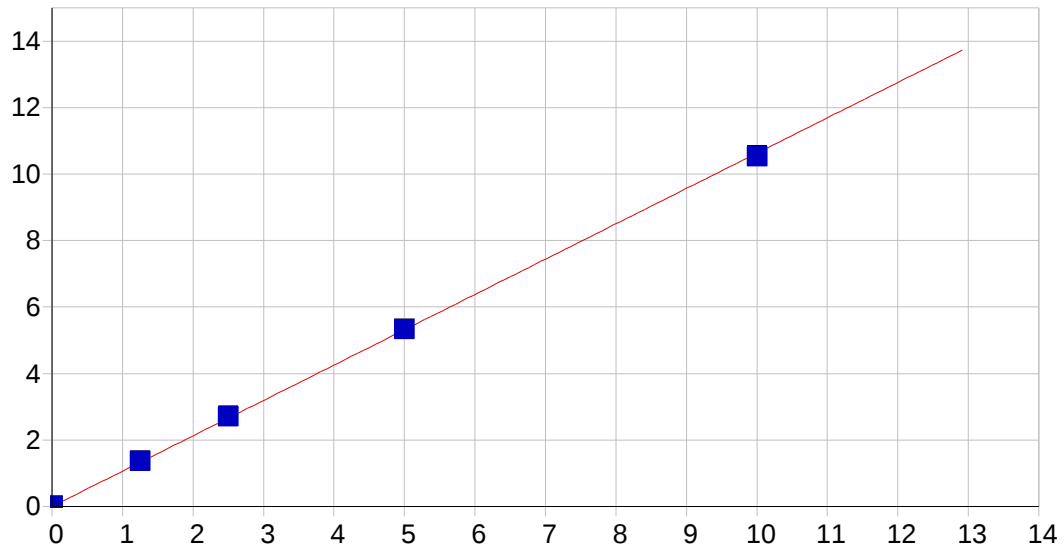


B 249.678 {135}

Date of Fit: 10/13/2017 14:12:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000794 Re-Slope: 1.000000
 A1 (Gain): 0.170990 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999743 Status: OK.
 Std Error of Est: 0.000064
 Predicted MDL: 0.001035
 Predicted MQL: 0.003451

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00079	.000	1
S1	.01000	.00959	.000	-4.08	.00244	.000	1
S2	1.2500	1.3192	.069	5.53	.22368	.001	1
S3	2.5000	2.5418	.042	1.67	.43006	.003	1
S4	5.0000	5.0795	.079	1.59	.85862	.013	1
S5	10.000	9.8100	-.190	-1.90	1.6568	.005	1

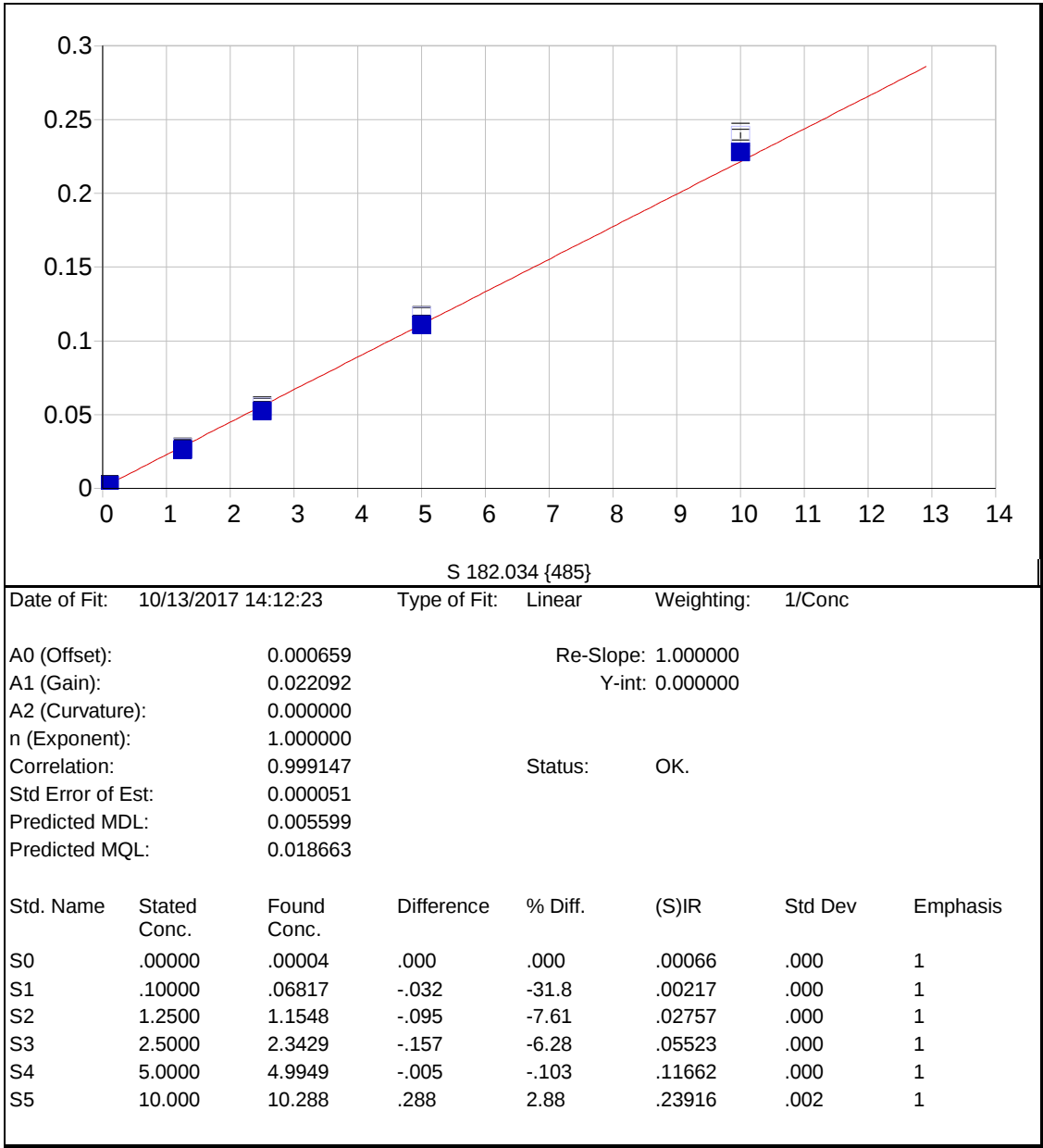


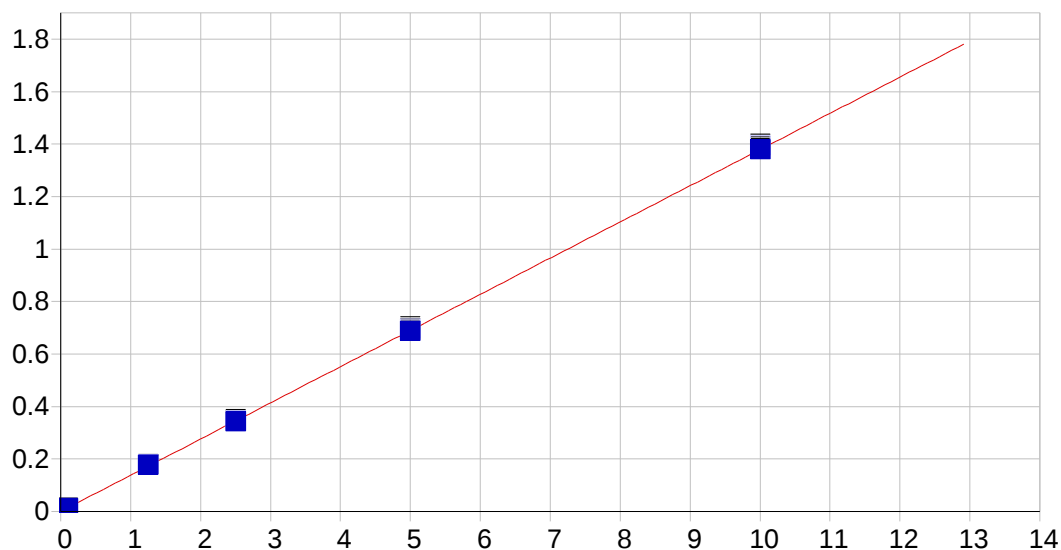
Mo 202.030 {467}

Date of Fit: 10/13/2017 14:12:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000216 Re-Slope: 1.000000
 A1 (Gain): 1.062870 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999917 Status: OK.
 Std Error of Est: 0.000230
 Predicted MDL: 0.000377
 Predicted MQL: 0.001255

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00021	.000	1
S1	.01000	.01129	.001	12.9	.01224	.000	1
S2	1.2500	1.2858	.036	2.86	1.3680	.003	1
S3	2.5000	2.5452	.045	1.81	2.7078	.014	1
S4	5.0000	5.0201	.020	.401	5.3407	.003	1
S5	10.000	9.8977	-.102	-1.02	10.530	.038	1



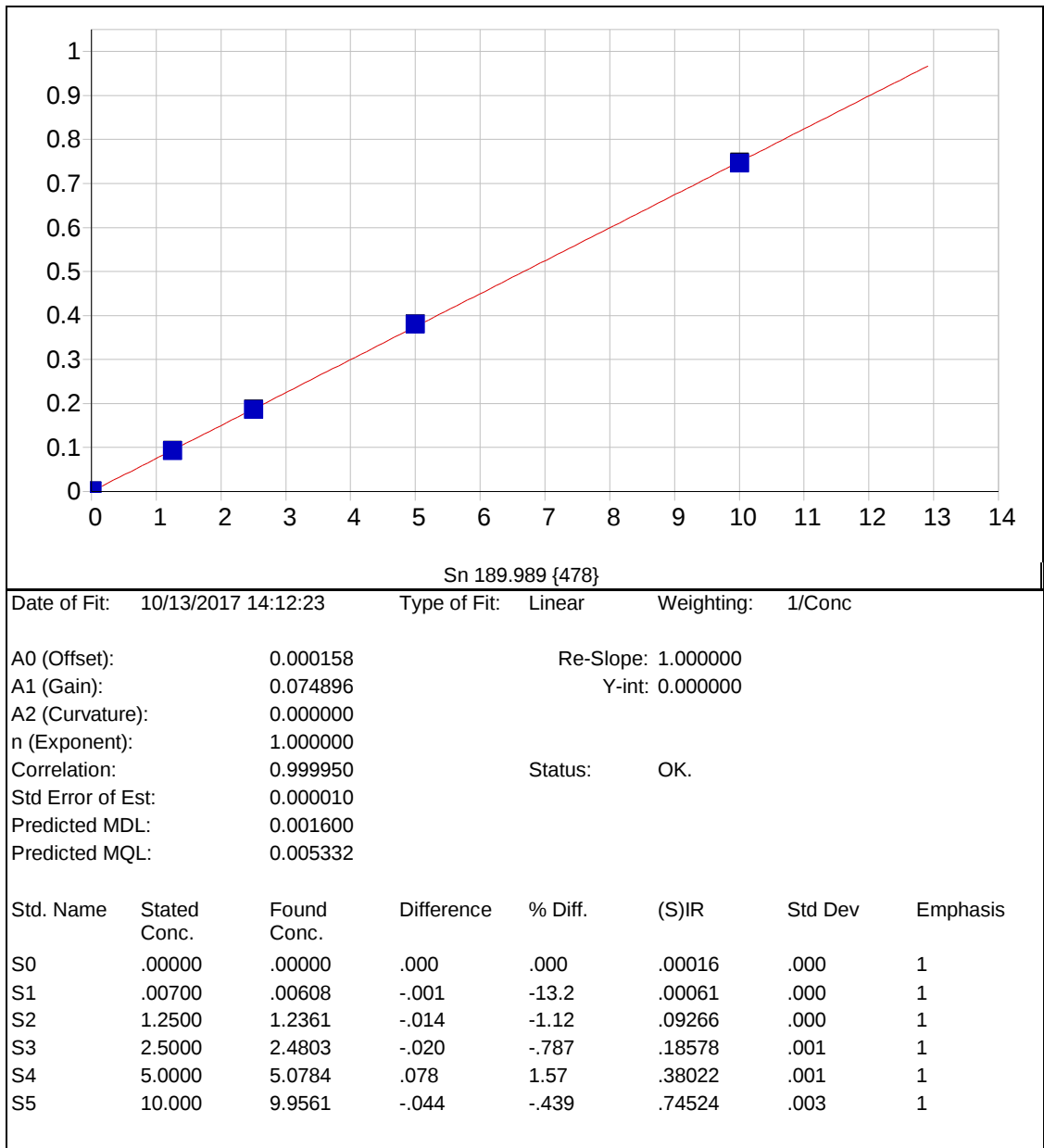


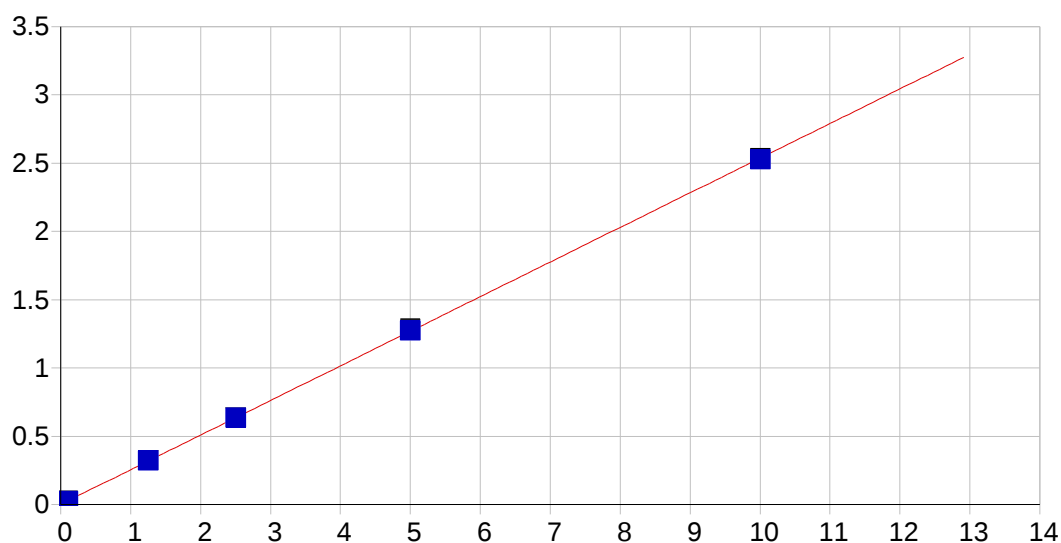
Si 251.611 {134}

Date of Fit: 10/13/2017 14:12:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000303	Re-Slope: 1.000000
A1 (Gain):	0.137885	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999938	Status: OK.
Std Error of Est:	0.000082	
Predicted MDL:	0.001191	
Predicted MQL:	0.003969	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00030	.000	1
S1	.10000	.09035	-.010	-9.65	.01281	.000	1
S2	1.2500	1.2903	.040	3.22	.18024	.000	1
S3	2.5000	2.4828	-.017	-.687	.34671	.004	1
S4	5.0000	4.9883	-.012	-.233	.69624	.008	1
S5	10.000	9.9981	-.002	-.019	1.3951	.005	1



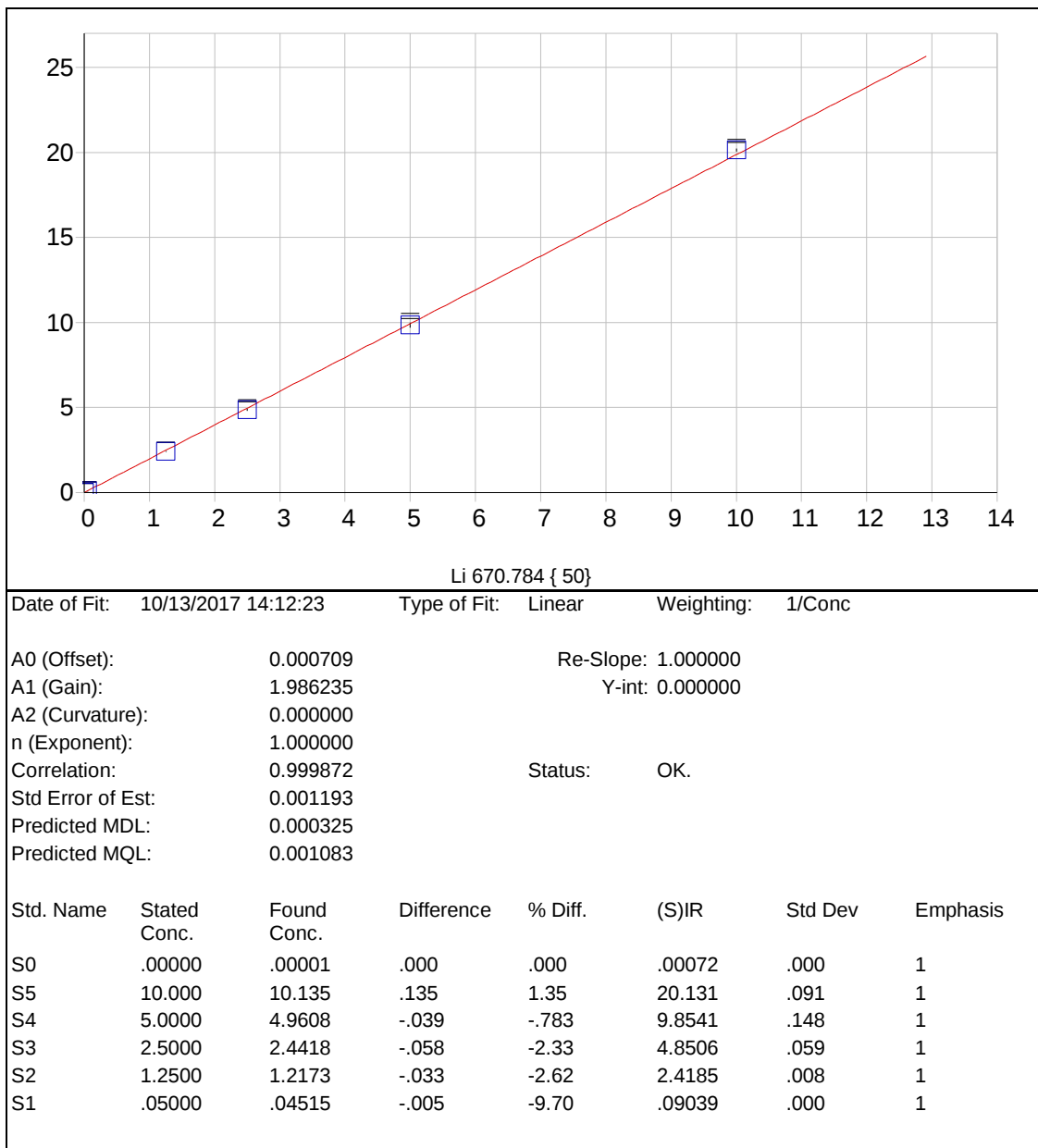


Ti 336.121 {100}

Date of Fit: 10/13/2017 14:12:23 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000931 Re-Slope: 1.000000
 A1 (Gain): 0.253605 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984 Status: OK.
 Std Error of Est: 0.000076
 Predicted MDL: 0.000661
 Predicted MQL: 0.002204

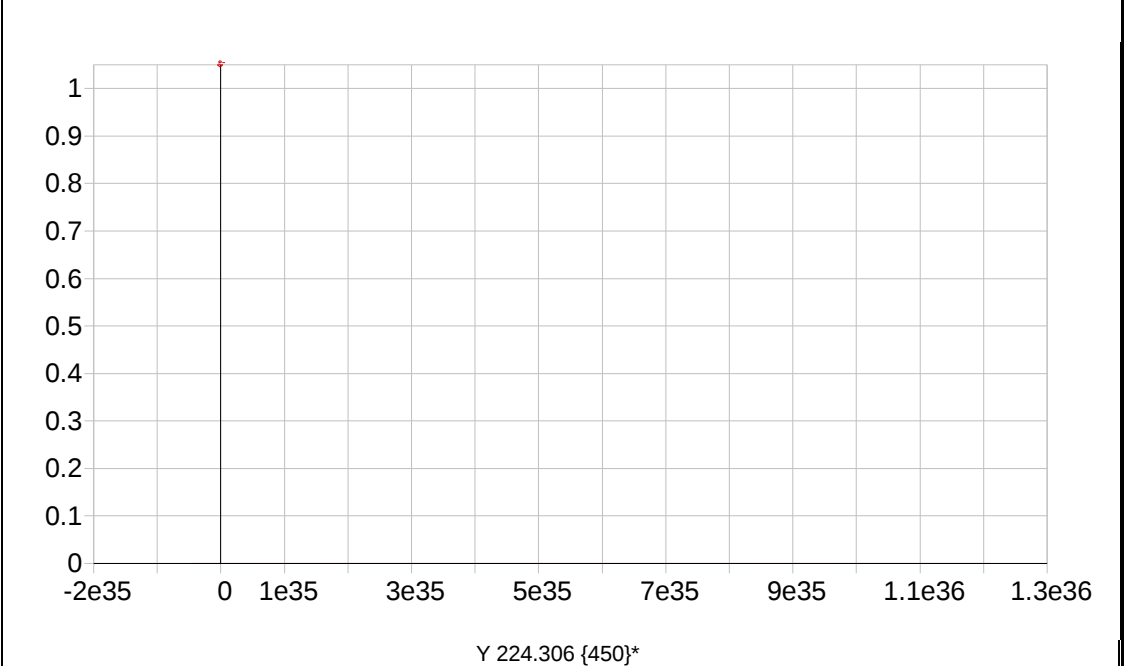
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00093	.000	1
S1	.10000	.09623	-.004	-3.77	.02533	.000	1
S2	1.2500	1.2674	.017	1.39	.32223	.000	1
S3	2.5000	2.5000	.000	.001	.63473	.002	1
S4	5.0000	5.0218	.022	.436	1.2741	.013	1
S5	10.000	9.9646	-.035	-.354	2.5271	.008	1



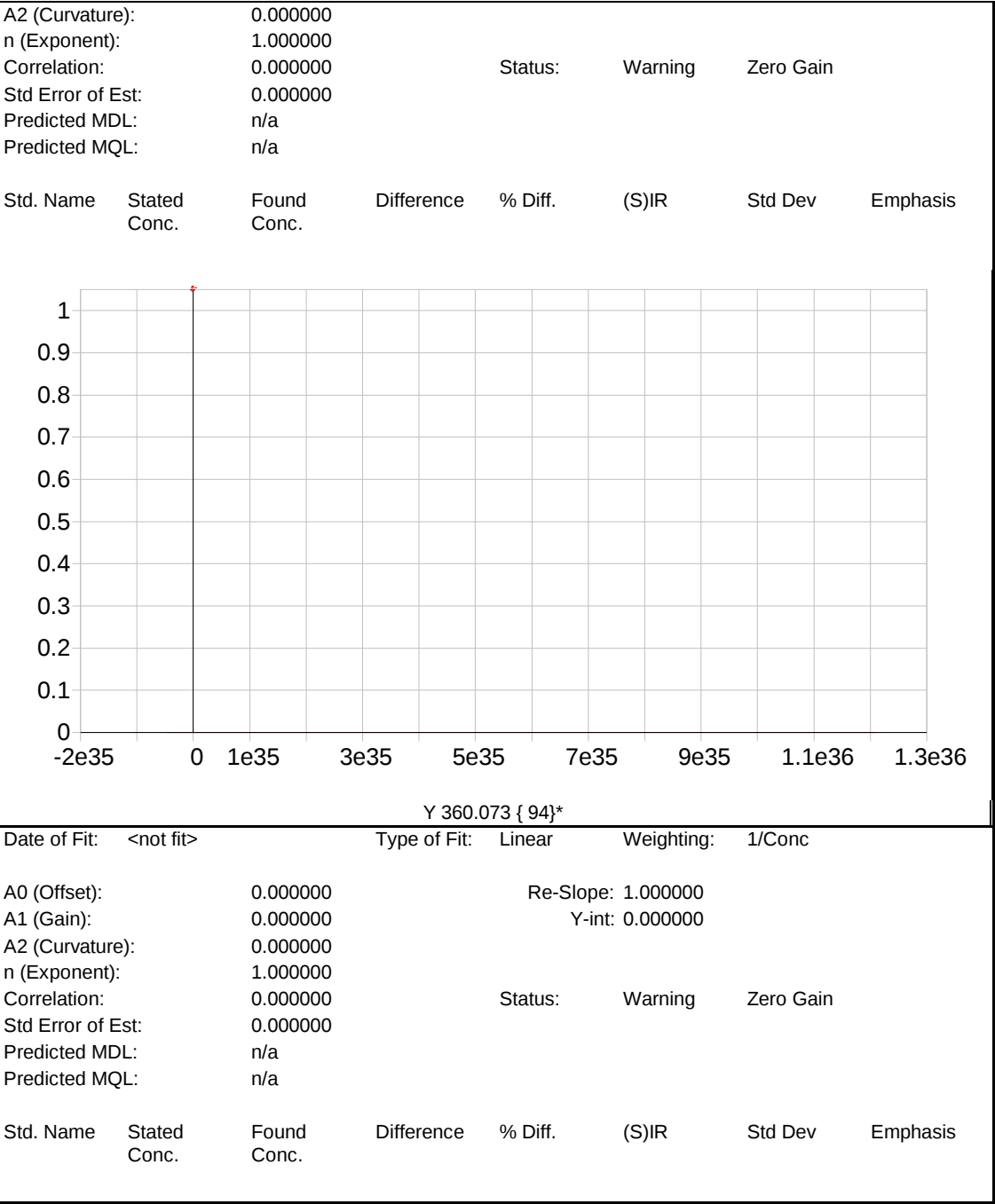


A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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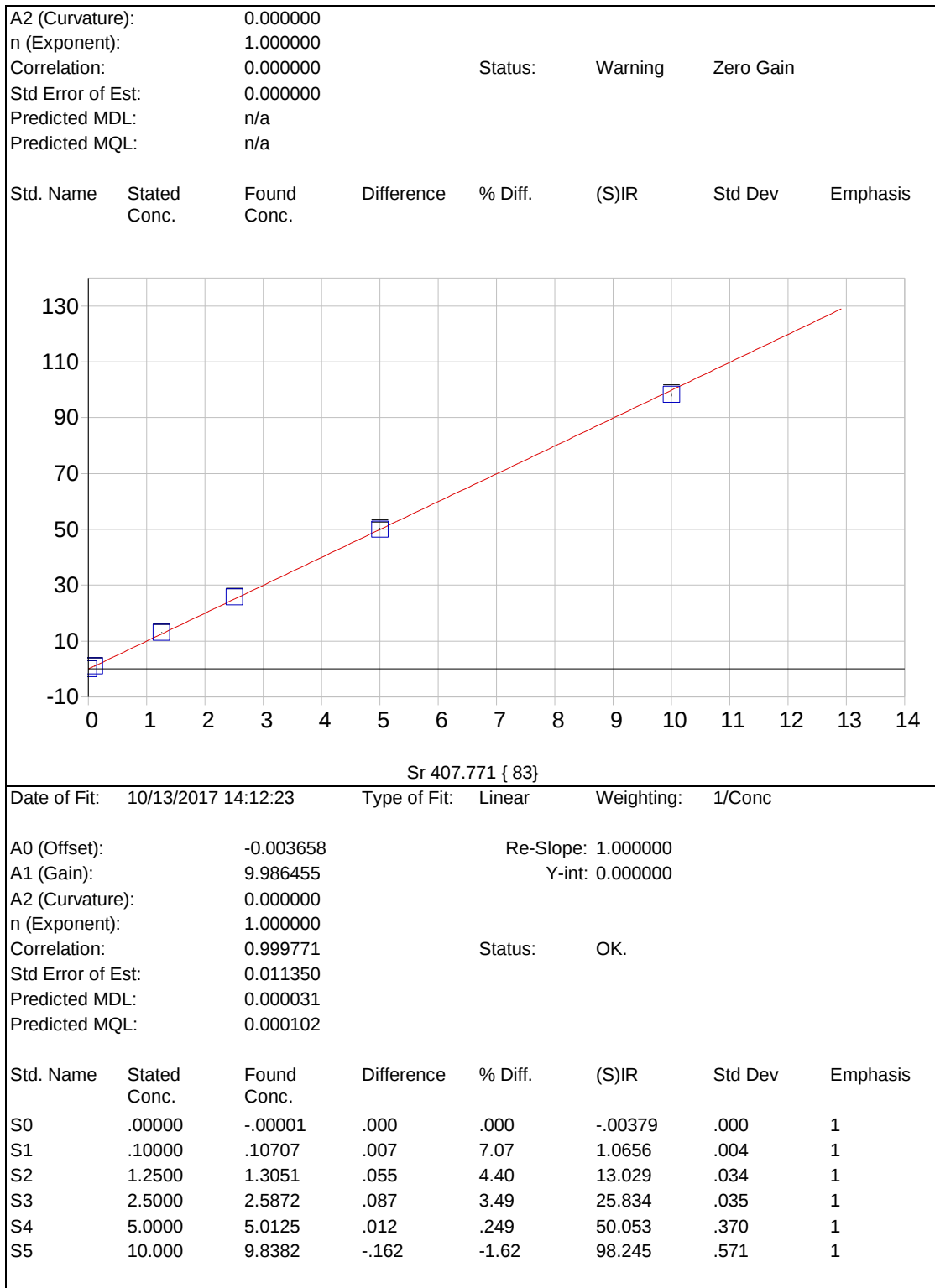
A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000





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
							
ln 230.606 {446}* Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc							
A0 (Offset):	0.000000	Re-Slope: 1.000000					
A1 (Gain):	0.000000	Y-int: 0.000000					



Sample Name: S0 Acquired: 10/13/2017 13:27:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) 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	-.00065	-.00036	-.00057	.00087	.00083	-.00007	-.07187	-.00150
Stddev	.00008	.00007	.00015	.00013	.00039	.00010	.00040	.00007
%RSD	12.625	19.342	25.811	15.224	47.318	141.34	.56148	4.6637

#1	-.00057	-.00044	-.00071	.00087	.00046	-.00019	-.07148	-.00143
#2	-.00064	-.00036	-.00042	.00074	.00124	-.00001	-.07185	-.00157
#3	-.00074	-.00030	-.00058	.00100	.00079	-.00001	-.07229	-.00149

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	-.00043	.00071	.00002	-.00068	.00106	.00001	-.00009	-.00020
Stddev	.00014	.00004	.00002	.00005	.00006	.00009	.00003	.00016
%RSD	32.304	6.0514	112.57	6.9139	6.0510	736.55	39.016	78.632

#1	-.00038	.00076	.00004	-.00063	.00110	-.00009	-.00012	-.00019
#2	-.00032	.00067	.00001	-.00073	.00110	.00007	-.00009	-.00037
#3	-.00059	.00072	.00000	-.00068	.00099	.00006	-.00006	-.00005

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	-.00135	-.00037	-.00127	-.00005	-.00071	.00364	-.00058	.00079
Stddev	.00017	.00003	.00010	.00005	.00069	.00011	.00005	.00013
%RSD	12.856	7.3306	7.9708	106.28	97.523	3.0335	8.4465	16.668

#1	-.00151	-.00040	-.00116	.00001	-.00151	.00353	-.00063	.00083
#2	-.00117	-.00037	-.00129	-.00008	-.00028	.00375	-.00059	.00090
#3	-.00138	-.00034	-.00136	-.00008	-.00034	.00365	-.00053	.00065

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	.00021	.00066	.00030	.00016	.00093	.00072	-.00379	
Stddev	.00012	.00014	.00010	.00011	.00009	.00027	.00043	
%RSD	55.769	21.661	32.255	67.723	9.8561	36.857	11.324	

#1	.00030	.00081	.00025	.00027	.00085	.00091	-.00337	
#2	.00026	.00063	.00025	.00006	.00091	.00084	-.00422	
#3	.00008	.00053	.00042	.00015	.00103	.00042	-.00379	

Sample Name: S0 Acquired: 10/13/2017 13:27:39 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) 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	989.97	1055.5	51998.	11396.	2827.8
Stddev	12.16	8.9	343.	65.	12.9
%RSD	1.2287	.84392	.65867	.57394	.45681
#1	978.87	1046.3	51610.	11322.	2818.8
#2	988.08	1056.2	52128.	11422.	2822.0
#3	1003.0	1064.0	52257.	11445.	2842.6

Sample Name: S1 Acquired: 10/13/2017 13:31:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) 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	-.00028	.00051	.00067	.00401	.01694	.01593	.47727	.00668
Stddev	.00010	.00010	.00011	.00005	.00026	.00011	.00275	.00013
%RSD	35.733	18.933	15.774	1.3695	1.5488	.71286	.57681	1.9260

#1	-.00035	.00051	.00057	.00401	.01704	.01589	.47524	.00660
#2	-.00017	.00060	.00066	.00407	.01714	.01584	.47616	.00662
#3	-.00033	.00041	.00078	.00396	.01664	.01606	.48040	.00683

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	.00565	.08125	.00091	.02330	.00460	.00167	.00264	.02888
Stddev	.00016	.00064	.00003	.00014	.00010	.00005	.00004	.00019
%RSD	2.7895	.79172	3.3467	.60567	2.2310	2.8137	1.3432	.67037

#1	.00561	.08121	.00093	.02321	.00461	.00173	.00264	.02906
#2	.00552	.08192	.00088	.02346	.00470	.00165	.00267	.02891
#3	.00582	.08063	.00094	.02324	.00450	.00164	.00260	.02867

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	.01371	.00132	.02774	.00321	.01065	.13990	-.00031	.00244
Stddev	.00012	.00007	.00038	.00014	.00083	.00104	.00009	.00004
%RSD	.85055	5.5471	1.3690	4.2160	7.7651	.74096	27.648	1.4410

#1	.01381	.00124	.02731	.00307	.01144	.13896	-.00033	.00240
#2	.01373	.00132	.02804	.00334	.00979	.13973	-.00022	.00247
#3	.01358	.00139	.02787	.00323	.01072	.14101	-.00038	.00245

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	.01224	.00217	.01281	.00061	.02533	.09039	1.0656	
Stddev	.00027	.00009	.00023	.00013	.00004	.00014	.0036	
%RSD	2.1746	3.9433	1.8230	22.137	.17354	.15604	.33292	

#1	.01229	.00227	.01307	.00054	.02536	.09025	1.0618	
#2	.01248	.00212	.01262	.00076	.02535	.09053	1.0688	
#3	.01196	.00212	.01275	.00052	.02528	.09039	1.0660	

Sample Name: S1 Acquired: 10/13/2017 13:31:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) 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	1000.5	1073.5	51734.	11579.	2795.1
Stddev	13.6	9.1	468.	40.	19.3
%RSD	1.3611	.84735	.90447	.34258	.69074
#1	1001.7	1064.3	51767.	11573.	2775.5
#2	986.39	1073.7	51251.	11543.	2795.8
#3	1013.6	1082.5	52185.	11621.	2814.1

Sample Name: S2 Acquired: 10/13/2017 13:35:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) 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	.05887	.05219	.72681	.12492	.36218	3.3293	9.7772	.19357
Stddev	.00018	.00052	.00174	.00052	.00122	.0069	.0165	.00117
%RSD	.30659	1.0026	.23922	.41980	.33788	.20856	.16906	.60695
#1	.05907	.05237	.72559	.12437	.36116	3.3220	9.7591	.19456
#2	.05871	.05160	.72605	.12498	.36186	3.3358	9.7810	.19227
#3	.05884	.05260	.72880	.12542	.36354	3.3302	9.7916	.19387
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	.75373	1.0872	.32132	.33094	.58664	.57227	.65979	.39193
Stddev	.00094	.0041	.00045	.00071	.00191	.00230	.00229	.00073
%RSD	.12423	.37650	.13906	.21519	.32510	.40182	.34704	.18619
#1	.75391	1.0870	.32143	.33140	.58444	.56981	.65715	.39113
#2	.75456	1.0914	.32083	.33012	.58770	.57437	.66098	.39256
#3	.75271	1.0833	.32170	.33130	.58779	.57263	.66124	.39209
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	.25830	.05123	.24385	.04173	.72723	1.1232	-.00132	.22368
Stddev	.00015	.00021	.00024	.00030	.00785	.0050	.00009	.00114
%RSD	.05669	.40480	.10009	.71770	1.0791	.44916	6.4887	.50925
#1	.25846	.05140	.24363	.04155	.72428	1.1180	-.00141	.22446
#2	.25820	.05100	.24411	.04208	.73612	1.1281	-.00124	.22237
#3	.25822	.05129	.24381	.04157	.72128	1.1236	-.00132	.22421
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	1.3680	.02757	.18024	.09266	.32223	2.4185	13.029	
Stddev	.0032	.00028	.00016	.00027	.00049	.0083	.034	
%RSD	.23484	1.0063	.09111	.29627	.15072	.34123	.25910	
#1	1.3657	.02730	.18036	.09236	.32167	2.4090	12.992	
#2	1.3667	.02786	.18031	.09273	.32255	2.4232	13.057	
#3	1.3717	.02756	.18006	.09289	.32248	2.4233	13.039	

Sample Name: S2 Acquired: 10/13/2017 13:35:57 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) 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	912.52	959.89	46490.	10785.	2285.4
Stddev	8.61	2.87	180.	40.	5.3
%RSD	.94407	.29920	.38810	.36919	.23318
#1	910.40	957.90	46536.	10780.	2285.6
#2	905.17	963.18	46291.	10748.	2290.6
#3	922.00	958.59	46643.	10827.	2279.9

Sample Name: S3 Acquired: 10/13/2017 13:39:53 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) 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	.11906	.10019	1.4184	.24805	.73978	6.7585	19.674	.37972
Stddev	.00081	.00082	.0080	.00029	.00145	.0283	.087	.00463
%RSD	.67966	.81874	.56122	.11536	.19635	.41892	.44061	1.2184

#1	.11864	.09924	1.4105	.24834	.73882	6.7824	19.767	.37506
#2	.11856	.10061	1.4183	.24777	.73906	6.7658	19.662	.38431
#3	.12000	.10071	1.4264	.24804	.74145	6.7272	19.595	.37979

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	1.4837	2.1735	.61197	.65708	1.1788	1.1167	1.2829	.77058
Stddev	.0109	.0139	.00324	.00376	.0068	.0024	.0067	.00175
%RSD	.73105	.63903	.52953	.57238	.57326	.21810	.52207	.22764

#1	1.4746	2.1579	.60892	.65394	1.1849	1.1150	1.2766	.77153
#2	1.4807	2.1847	.61538	.65607	1.1800	1.1195	1.2899	.77165
#3	1.4957	2.1778	.61162	.66125	1.1716	1.1157	1.2821	.76855

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	.51126	.10479	.48759	.08235	1.5014	2.2489	-.00222	.43006
Stddev	.00286	.00018	.00193	.00025	.0168	.0220	.00013	.00334
%RSD	.56011	.17349	.39682	.30575	1.1183	.97597	5.7130	.77777

#1	.50854	.10476	.48967	.08208	1.5021	2.2716	-.00223	.42708
#2	.51098	.10499	.48725	.08258	1.4842	2.2474	-.00234	.43368
#3	.51425	.10463	.48584	.08238	1.5178	2.2277	-.00209	.42942

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	2.7078	.05523	.34671	.18578	.63473	4.8506	25.834	
Stddev	.0138	.00042	.00353	.00117	.00170	.0590	.035	
%RSD	.50962	.76812	1.0176	.63206	.26778	1.2155	.13731	

#1	2.6972	.05481	.34362	.18496	.63434	4.9101	25.857	
#2	2.7028	.05520	.35055	.18525	.63659	4.8497	25.851	
#3	2.7234	.05566	.34595	.18712	.63326	4.7922	25.793	

Sample Name: S3 Acquired: 10/13/2017 13:39:53 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) 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	865.89	906.55	44960.	10645.	2104.1
Stddev	13.74	2.94	380.	27.	.9
%RSD	1.5867	.32430	.84607	.25540	.04477
#1	858.20	903.43	44610.	10636.	2103.0
#2	881.75	906.97	45365.	10623.	2104.7
#3	857.71	909.26	44904.	10676.	2104.6

Sample Name: S4 Acquired: 10/13/2017 13:43:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) 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	.24605	.19370	2.8213	.50531	1.5302	14.173	38.761	.79164
Stddev	.00035	.00097	.0064	.00139	.0041	.163	.440	.01097
%RSD	.14314	.50194	.22623	.27587	.26735	1.1518	1.1352	1.3863
#1	.24611	.19291	2.8141	.50371	1.5255	14.360	39.263	.80431
#2	.24568	.19340	2.8238	.50593	1.5320	14.097	38.580	.78486
#3	.24637	.19478	2.8261	.50628	1.5331	14.061	38.441	.78577
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	3.0069	4.5128	1.1874	1.3353	2.4132	2.2291	2.5767	1.5485
Stddev	.0008	.0439	.0028	.0006	.0328	.0206	.0227	.0143
%RSD	.02543	.97215	.23924	.04890	1.3574	.92563	.88189	.92230
#1	3.0077	4.5633	1.1890	1.3360	2.4510	2.2529	2.6030	1.5648
#2	3.0061	4.4903	1.1891	1.3350	2.3928	2.2182	2.5632	1.5420
#3	3.0070	4.4847	1.1841	1.3348	2.3958	2.2162	2.5641	1.5385
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	1.0305	.22081	.98985	.16720	3.1060	4.6159	-.00453	.85862
Stddev	.0022	.00078	.01200	.00194	.0247	.0610	.00017	.01300
%RSD	.21289	.35515	1.2122	1.1605	.79450	1.3225	3.7703	1.5137
#1	1.0288	.22119	1.0037	.16940	3.0907	4.6856	-.00467	.87362
#2	1.0297	.22133	.98294	.16649	3.0928	4.5899	-.00434	.85148
#3	1.0330	.21991	.98289	.16572	3.1344	4.5722	-.00459	.85076
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	5.3407	.11662	.69624	.38022	1.2741	9.8541	50.053	
Stddev	.0027	.00035	.00828	.00072	.0134	.1484	.370	
%RSD	.05042	.30180	1.1898	.18853	1.0519	1.5063	.73896	
#1	5.3381	.11627	.70579	.37956	1.2895	10.025	50.478	
#2	5.3435	.11662	.69193	.38011	1.2673	9.7831	49.880	
#3	5.3406	.11697	.69100	.38098	1.2654	9.7545	49.801	

Sample Name: S4 Acquired: 10/13/2017 13:43:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) 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	830.76	854.71	43209.	10385.	1907.8
Stddev	2.21	1.35	25.	120.	2.6
%RSD	.26660	.15737	.05798	1.1551	.13793
#1	831.83	856.15	43204.	10247.	1910.4
#2	832.25	853.48	43186.	10447.	1908.0
#3	828.22	854.50	43236.	10462.	1905.1

Sample Name: S5 Acquired: 10/13/2017 13:47:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) 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	.52033	.36309	5.3987	1.0379	3.2671	29.839	77.455	1.6437
Stddev	.00270	.00199	.0084	.0045	.0130	.104	.837	.0028
%RSD	.51810	.54755	.15577	.43529	.39864	.34728	1.0803	.16873
#1	.51779	.36304	5.3942	1.0336	3.2522	29.917	76.889	1.6416
#2	.52003	.36113	5.3936	1.0373	3.2728	29.879	78.416	1.6469
#3	.52316	.36510	5.4084	1.0426	3.2764	29.721	77.060	1.6427
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	5.7804	9.1175	2.2381	2.6066	5.0707	4.3631	5.0967	3.0082
Stddev	.0164	.0408	.0083	.0031	.0232	.0164	.0264	.0138
%RSD	.28315	.44730	.37006	.11732	.45683	.37515	.51766	.45791
#1	5.7890	9.1568	2.2289	2.6088	5.0639	4.3813	5.1264	3.0241
#2	5.7615	9.0754	2.2449	2.6031	5.0965	4.3497	5.0758	3.0003
#3	5.7906	9.1204	2.2405	2.6079	5.0517	4.3581	5.0881	3.0001
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	1.9947	.48777	2.0236	.33158	6.6454	9.5458	-.00904	1.6568
Stddev	.0002	.00227	.0070	.00180	.0598	.0329	.00022	.0053
%RSD	.01131	.46620	.34770	.54258	.90042	.34472	2.4196	.32314
#1	1.9950	.49036	2.0281	.33340	6.7125	9.5487	-.00882	1.6526
#2	1.9947	.48683	2.0271	.33155	6.5976	9.5772	-.00905	1.6628
#3	1.9946	.48612	2.0155	.32980	6.6262	9.5116	-.00925	1.6549
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	10.530	.23916	1.3951	.74524	2.5271	20.131	98.245	
Stddev	.038	.00205	.0050	.00257	.0083	.091	.571	
%RSD	.35619	.85567	.36021	.34504	.32812	.45192	.58108	
#1	10.495	.23872	1.3966	.74481	2.5367	20.140	97.982	
#2	10.525	.23737	1.3993	.74291	2.5227	20.218	97.853	
#3	10.570	.24139	1.3895	.74800	2.5220	20.036	98.900	

Sample Name: S5 Acquired: 10/13/2017 13:47:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) 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	743.41	757.04	40182.	9909.3	1649.4
Stddev	5.97	4.77	112.	30.3	6.4
%RSD	.80357	.63023	.27858	.30611	.38738
#1	736.53	762.55	40055.	9879.0	1656.5
#2	747.23	754.35	40226.	9909.3	1644.2
#3	746.48	754.23	40266.	9939.7	1647.3

Sample Name: S6 Acquired: 10/13/2017 13:52:01 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) 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	78.383	14.590	11.081	4.4817	5.4365
Stddev	.502	.026	.027	.0144	.0219
%RSD	.64062	.18108	.24539	.32225	.40363

#1	78.951	14.592	11.106	4.4972	5.4538
#2	78.201	14.563	11.052	4.4791	5.4440
#3	77.997	14.616	11.085	4.4687	5.4118

Int. Std.	Y_3710
Units	Cts/S
Avg	9565.9
Stddev	50.2
%RSD	.52499

#1	9519.3
#2	9559.4
#3	9619.1

Sample Name: ICV Acquired: 10/13/2017 13:56:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) 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	.9552075	1.105692	1.069667	.9824830	.9403862	2.357646
Stddev	.0069121	.008107	.003492	.0126194	.0056017	.002761
%RSD	.7236201	.7331718	.3264815	1.284437	.5956828	.1171000

#1	.9616440	1.114990	1.071957	.9946026	.9467238	2.356492
#2	.9479021	1.101972	1.071398	.9694172	.9383380	2.360797
#3	.9560763	1.100112	1.065648	.9834293	.9360968	2.355650

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5320345	.4853945	.5056777	10.01083	.4845348	.5056439
Stddev	.0007074	.0020319	.0028677	.07773	.0017471	.0036743
%RSD	.1329617	.4186076	.5670932	.7764648	.3605813	.7266572

#1	.5313657	.4833253	.5076253	9.96375	.4827551	.5084941
#2	.5327751	.4854712	.5070231	9.96819	.4846017	.5069405
#3	.5319626	.4873869	.5023847	10.10055	.4862475	.5014971

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4890521	5.311851	.5363656	6.197339	.5234473	.4810748
Stddev	.0033746	.017250	.0042138	.022461	.0039033	.0025725
%RSD	.6900347	.3247364	.7856213	.3624348	.7456808	.5347321

#1	.4925452	5.295464	.5323256	6.171458	.5273551	.4789386
#2	.4888013	5.329850	.5360372	6.208813	.5234382	.4803555
#3	.4858099	5.310239	.5407340	6.211745	.5195487	.4839304

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.848813	.5105507	1.016471	9.932268	F -.198176	F 2.339144
Stddev	.120038	.0035099	.008733	.016597	.066332	.005018
%RSD	1.218804	.6874723	.8591800	.1670984	33.47114	.2145141

#1	9.893410	.5065604	1.010415	9.914261	-.144272	2.336175
#2	9.712860	.5119316	1.012516	9.946952	-.272252	2.336320
#3	9.940169	.5131601	1.026482	9.935590	-.178004	2.344937

Sample Name: ICV Acquired: 10/13/2017 13:56:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) 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	F 2.222389	.0050008	2.105898	F 1.992532	2.178338	.0017749
Stddev	.015852	.0018158	.003838	.018062	.006217	.0001772
%RSD	.7132780	36.30985	.1822713	.9064790	.2854205	9.980967

#1	2.239862	.0029858	2.103485	2.006368	2.172649	.0017204
#2	2.218377	.0065102	2.103885	1.999131	2.177389	.0019729
#3	2.208929	.0055065	2.110325	1.972099	2.184975	.0016314

Elem	Sr4077
Units	ppm
Avg	.0132876
Stddev	.0000200
%RSD	.1502625

#1	.0133076
#2	.0132677
#3	.0132873

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	970.1787	1033.105	49548.60	11198.85	2642.306
Stddev	6.2659	10.278	214.51	12.59	17.258
%RSD	.6458526	.9948334	.4329366	.1124541	.6531393

#1	966.0704	1021.958	49540.60	11184.32	2622.774
#2	977.3907	1042.205	49766.99	11205.62	2655.494
#3	967.0751	1035.151	49338.19	11206.62	2648.652

Sample Name: ICB Acquired: 10/13/2017 14:00:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) 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	.0016841	.0028898	.0029305	-.002168	-.000359	.0016865	.0004550
Stddev	.0023223	.0013230	.0009675	.001816	.000284	.0016840	.0002974
%RSD	137.8978	45.78300	33.01479	83.78539	78.95784	99.85422	65.37007

#1	.0003508	.0022418	.0028029	-.004104	-.000317	.0021154	.0005284
#2	.0043657	.0020157	.0020331	-.001899	-.000099	.0031146	.0007089
#3	.0003358	.0044119	.0039555	-.000501	-.000662	-.000171	.0001277

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000101	.0000221	.0073117	-.000214	.0000255	-.001063	.0013951
Stddev	.000024	.0000441	.0085637	.000333	.0000923	.000623	.0061856
%RSD	23.68795	199.2552	117.1238	155.5240	361.8974	58.59903	443.3758

#1	-.000074	-.000006	.0007384	-.000149	.0001241	-.001564	.0042233
#2	-.000119	.000073	.0042005	.000081	.0000110	-.001258	.0056610
#3	-.000110	-.000000	.0169961	-.000575	-.000059	-.000366	-.005699

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001092	.0217919	-.000025	-.000231	-.039867	-.000572	.0033852
Stddev	.0000646	.0068682	.000435	.000048	.033411	.002074	.0034048
%RSD	59.14617	31.51708	1761.515	20.95599	83.80639	362.8497	100.5775

#1	.0000495	.0141069	.000015	-.000220	-.034523	.000477	.0072869
#2	.0001777	.0239384	-.000478	-.000189	-.009451	-.002961	.0018532
#3	.0001003	.0273305	.000389	-.000284	-.075629	.000769	.0010156

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0314723	.0101517	.0078159	.0000629	-.007278	.0003859	.0006731
Stddev	.0103693	.0450816	.0009518	.0001893	.003043	.0005401	.0014316
%RSD	32.94725	444.0786	12.17719	300.6681	41.81358	139.9727	212.6780

#1	.0383171	.0410964	.0087065	-.000109	-.005617	-.000142	.0023149
#2	.0365578	.0309308	.0079281	.000266	-.005427	.000363	-.000315
#3	.0195421	-.041572	.0068130	.000032	-.010791	.000937	.000019

Sample Name: ICB Acquired: 10/13/2017 14:00:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) 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	-.000327	.0003027	-.000004
Stddev	.000080	.0003449	.000028
%RSD	24.61291	113.9179	790.4858

#1	-.000255	.0001057	-.000022
#2	-.000413	.0001016	.000029
#3	-.000312	.0007009	-.000017

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1013.760	1056.038	52676.49	11551.94	2828.780
Stddev	10.343	4.992	167.76	33.25	7.090
%RSD	1.020307	.4727008	.3184698	.2877940	.2506375

#1	1006.925	1060.769	52540.93	11520.73	2836.649
#2	1008.695	1056.525	52624.45	11548.20	2826.800
#3	1025.660	1050.821	52864.11	11586.90	2822.890

Sample Name: ICSA Acquired: 10/13/2017 14:15:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) 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	.0013189	-.006739	-.001091	-.009347	.0028106	232.7705
Stddev	.0012223	.002874	.002944	.002943	.0029612	.4616
%RSD	92.67215	42.65209	269.8836	31.49095	105.3592	.1983172

#1	.0001920	-.003532	-.002003	-.006420	.0020789	233.1017
#2	.0026183	-.007602	-.003470	-.012307	.0002838	232.2432
#3	.0011465	-.009082	.002201	-.009314	.0060691	232.9666

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036329	.0008190	.0020833	240.1497	.0590015	.0032251
Stddev	.0002166	.0000400	.0000805	.9587	.0010750	.0002941
%RSD	5.962535	4.878832	3.864663	.3991921	1.821989	9.119787

#1	.0036866	.0008402	.0021633	240.0133	.0594681	.0028886
#2	.0033945	.0007729	.0020842	241.1692	.0577720	.0034332
#3	.0038177	.0008439	.0020023	239.2665	.0597643	.0033535

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0209284	98.69228	.0101451	259.4833	.0017541	.0061170
Stddev	.0005350	.53934	.0006591	.7044	.0007363	.0002719
%RSD	2.556419	.5464827	6.496539	.2714742	41.97603	4.445492

#1	.0213721	98.20767	.0103356	258.8663	.0024910	.0059738
#2	.0210789	99.27333	.0094118	259.3329	.0017529	.0064307
#3	.0203343	98.59585	.0106880	260.2508	.0010184	.0059467

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3239711	-.000718	.0115488	.0168423	-.162843	F -.168473
Stddev	.0717061	.002414	.0033904	.0152785	.160633	.001573
%RSD	22.13348	336.3112	29.35691	90.71534	98.64244	.9338039

#1	.4053955	.001153	.0127651	.0032473	-.347660	-.166830
#2	.2962706	-.003442	.0141632	.0333771	-.056833	-.168623
#3	.2702471	.000136	.0077180	.0139024	-.084037	-.169966

Sample Name: ICSA Acquired: 10/13/2017 14:15:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) 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	-.000438	.0289505	-.000805	.0002045	.0016179	.0050671
Stddev	.000682	.0091464	.000400	.0012658	.0004346	.0003153
%RSD	155.8169	31.59327	49.75542	618.8647	26.86122	6.223453

#1	-.000546	.0247465	-.000367	.0015376	.0019631	.0047102
#2	-.001059	.0226620	-.001152	-.000981	.0017607	.0051829
#3	.000292	.0394431	-.000895	.000057	.0011299	.0053082

Elem	Sr4077
Units	ppm
Avg	.1048744
Stddev	.0000851
%RSD	.0811224

#1	.1048731
#2	.1047900
#3	.1049602

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	827.8671	860.6098	43282.82	10093.75	1983.127
Stddev	3.9685	6.4480	147.00	34.32	9.503
%RSD	.4793620	.7492304	.3396343	.3400216	.4791847

#1	827.5699	859.5005	43156.51	10054.60	1978.330
#2	824.0556	854.7885	43247.78	10108.01	1976.979
#3	831.9758	867.5404	43444.18	10118.65	1994.072

Sample Name: ICSAB Acquired: 10/13/2017 14:19:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) 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	.1030027	.1065392	.0571290	.0400170	.6091686	243.9136
Stddev	.0065297	.0076167	.0004593	.0072915	.0071735	2.2819
%RSD	6.339382	7.149211	.8040410	18.22089	1.177588	.9355175

#1	.0959583	.0992332	.0575494	.0344431	.6172863	245.8197
#2	.1088530	.1059516	.0566387	.0482687	.6065370	241.3851
#3	.1041967	.1144326	.0571988	.0373392	.6036826	244.5361

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5517782	.5066595	1.041975	253.3725	.5206382	.5241894
Stddev	.0042406	.0049804	.006043	1.9954	.0039459	.0040560
%RSD	.7685304	.9829803	.5799174	.7875391	.7578944	.7737595

#1	.5557257	.5052674	1.039602	252.6573	.5160844	.5282343
#2	.5472954	.5025233	1.037478	251.8334	.5227825	.5201224
#3	.5523134	.5121878	1.048843	255.6270	.5230476	.5242117

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5464881	104.0949	.5597412	273.7947	1.065830	.1635465
Stddev	.0048850	.8827	.0041473	3.1404	.005732	.0010712
%RSD	.8938927	.8479371	.7409239	1.147006	.5378377	.6550086

#1	.5517863	104.2310	.5622918	275.0706	1.071168	.1632252
#2	.5455152	103.1521	.5549559	270.2171	1.059771	.1626727
#3	.5421627	104.9016	.5619760	276.0964	1.066550	.1647416

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3742998	.5386353	1.103917	.0942655	-.244577	F .7261465
Stddev	.0598199	.0019209	.010027	.0077558	.166352	.0021396
%RSD	15.98182	.3566153	.9082952	8.227577	68.01609	.2946563

#1	.3766043	.5368718	1.114201	.0853183	-.213711	.7270214
#2	.3133609	.5383521	1.103380	.0984043	-.095820	.7237080
#3	.4329341	.5406821	1.094169	.0990740	-.424200	.7277100

Sample Name: ICSAB Acquired: 10/13/2017 14:19:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) 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	F .8644660	.0130914	.8103846	F .8551795	.8808344	.0062721
Stddev	.0057652	.0057447	.0073207	.0013524	.0086881	.0002425
%RSD	.6669103	43.88180	.9033598	.1581401	.9863497	3.865931
#1	.8690504	.0098901	.8099703	.8548091	.8815155	.0064955
#2	.8579935	.0197235	.8032799	.8566784	.8718258	.0060142
#3	.8663542	.0096606	.8179036	.8540509	.8891619	.0063066

Elem	Sr4077
Units	ppm
Avg	.1098120
Stddev	.0010743
%RSD	.9783047
#1	.1106004
#2	.1085884
#3	.1102474

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	807.0723	853.1874	42479.60	9956.634	1954.833
Stddev	10.5847	9.8696	324.60	88.386	15.288
%RSD	1.311492	1.156788	.7641197	.8877050	.7820660
#1	796.6846	841.9514	42140.88	9878.322	1937.598
#2	806.6887	860.4554	42510.00	10052.47	1966.758
#3	817.8436	857.1555	42787.93	9939.11	1960.143

Sample Name: CCV054 Acquired: 10/13/2017 14:23:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV054 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.189017	4.798728	25.29001	5.042104	5.261692	392.1187	10.57521
Stddev	.045128	.006523	.02899	.034649	.033655	2.3414	.05078
%RSD	.8696867	.1359403	.1146362	.6871921	.6396315	.5971168	.4801473

#1	5.231185	4.805990	25.27108	5.060300	5.282572	394.8041	10.57537
#2	5.141420	4.793366	25.27556	5.002148	5.222867	390.5049	10.62591
#3	5.194446	4.796826	25.32339	5.063864	5.279637	391.0470	10.52435

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5421488	2.646947	405.0809	15.95445	2.631601	16.38498	393.5589
Stddev	.0002369	.009435	1.0294	.05319	.007672	.15075	.9852
%RSD	.0437013	.3564601	.2541216	.3333940	.2915216	.9200385	.2503241

#1	.5420170	2.636697	404.2219	15.90697	2.625182	16.55820	392.4544
#2	.5424223	2.648874	406.2219	16.01194	2.629523	16.28344	394.3470
#3	.5420071	2.655270	404.7990	15.94445	2.640098	16.31331	393.8752

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.85611	403.7533	2.586169	1.159004	390.4901	2.646449	16.44485
Stddev	.06615	.7622	.002362	.003436	1.9790	.004648	.03166
%RSD	.4172172	.1887755	.0913380	.2964309	.5068051	.1756191	.1924954

#1	15.78166	403.6145	2.586274	1.159025	392.7609	2.648937	16.40928
#2	15.90813	404.5753	2.583756	1.162430	389.1325	2.649324	16.46991
#3	15.87855	403.0700	2.588477	1.155558	389.5770	2.641087	16.45536

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	162.7305	4.970551	4.739335	5.167366	5.149219	5.282237	5.140662
Stddev	1.7493	.239007	.008680	.015467	.010789	.014804	.001204
%RSD	1.074990	4.808466	.1831486	.2993205	.2095360	.2802566	.0234232

#1	164.7005	5.233055	4.747170	5.178756	5.161371	5.293990	5.139551
#2	161.3588	4.913079	4.740831	5.149758	5.140766	5.287109	5.141942
#3	162.1323	4.765520	4.730004	5.173586	5.145519	5.265610	5.140494

Sample Name: CCV054 Acquired: 10/13/2017 14:23:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV054 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.285314	5.367244	5.336033
Stddev	.014486	.070925	.049670
%RSD	.2740818	1.321449	.9308404

#1	5.300972	5.447150	5.391393
#2	5.282580	5.311746	5.321335
#3	5.272390	5.342834	5.295371

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	762.7376	790.9900	40326.21	9861.904	1690.121
Stddev	2.5662	4.6864	82.00	33.796	4.182
%RSD	.3364468	.5924709	.2033461	.3426886	.2474324

#1	760.0947	786.9600	40307.13	9823.918	1687.629
#2	762.8984	796.1326	40255.43	9873.155	1694.949
#3	765.2196	789.8773	40416.07	9888.639	1687.785

Sample Name: CCB054 Acquired: 10/13/2017 14:27:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB054 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000167	.0007020	.0010717	.0019597	.0005778	.0025533
Stddev	.002500	.0004748	.0010376	.0012401	.0007651	.0019260
%RSD	1492.839	67.63901	96.81488	63.27740	132.4207	75.43314

#1	-.001721	.0011346	.0011202	.0019054	-.000281	.0020208
#2	-.001498	.0001940	.0020842	.0032261	.000829	.0009495
#3	.002717	.0007773	.0000107	.0007477	.001186	.0046895

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001508	-.000036	-.000016	.0021681	-.000288	.0002396
Stddev	.0002672	.000026	.000164	.0086917	.000212	.0001214
%RSD	177.1695	73.09296	1030.429	400.8844	73.46367	50.65335

#1	-.000157	-.000046	-.000064	-.005003	-.000234	.0003496
#2	.000318	-.000055	-.000151	.011835	-.000109	.0002597
#3	.000292	-.000006	.000167	-.000328	-.000521	.0001094

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000767	.0058373	.0001269	-.001231	-.000411	.0003310
Stddev	.000357	.0081164	.0004317	.020596	.000322	.0002130
%RSD	46.56016	139.0438	340.1177	1673.509	78.39623	64.35095

#1	-.000433	.0018294	-.000111	-.010765	-.000171	.0004915
#2	-.000725	.0151781	.000625	.022405	-.000778	.0004121
#3	-.001144	.0005044	-.000133	-.015332	-.000286	.0000894

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0252161	-.001303	-.000996	.0225032	F -.046174	.0082921
Stddev	.0423488	.000834	.001421	.0093317	.064625	.0002149
%RSD	167.9436	64.01154	142.6469	41.46859	139.9592	2.591855

#1	.0233762	-.000774	.000619	.0143888	-.083469	.0085384
#2	-.016183	-.002264	-.002054	.0204203	-.083501	.0081955
#3	.068455	-.000870	-.001553	.0327003	.028448	.0081425

Sample Name: CCB054 Acquired: 10/13/2017 14:27:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB054 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006188	-.008269	-.000225	-.000391	.0002007	.0000140
Stddev	.0003488	.002276	.000336	.000168	.0002244	.0004037
%RSD	56.37327	27.52582	149.2546	42.89977	111.7861	2888.973

#1	.0006470	-.009907	-.000146	-.000488	-.000057	-.000153
#2	.0002567	-.009229	-.000594	-.000487	.000304	.000474
#3	.0009526	-.005670	.000064	-.000197	.000355	-.000280

Elem	Sr4077
Units	ppm
Avg	-.000001
Stddev	.000033
%RSD	2576.088

#1	.000035
#2	-.000012
#3	-.000027

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	993.1425	1049.254	52055.17	11328.52	2816.214
Stddev	2.4568	9.551	57.76	32.09	19.420
%RSD	.2473726	.9102507	.1109562	.2832277	.6895736

#1	994.5966	1058.257	52121.74	11293.38	2827.357
#2	994.5250	1050.267	52025.40	11335.92	2827.495
#3	990.3060	1039.236	52018.37	11356.25	2793.790

Sample Name: PB103257BL Acquired: 10/13/2017 14:46:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032294	-.000758	.0015627	-.001323	-.000180	.0047061
Stddev	.0041453	.001216	.0015350	.002406	.000636	.0014746
%RSD	128.3628	160.3127	98.22831	181.8987	354.2777	31.33344

#1	.0027743	-.000341	.0014007	.001279	-.000119	.0057499
#2	-.000670	-.002128	.0001151	-.001781	-.000844	.0030192
#3	.007584	.000194	.0031722	-.003466	.000424	.0053492

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000684	-.000087	.0000721	-.001376	.0001057	.0000707
Stddev	.000120	.000042	.0001730	.007183	.0005449	.0001208
%RSD	17.50199	48.24441	240.0280	521.8183	515.7816	170.9523

#1	-.000645	-.000062	.0002715	.002568	-.000499	.0001188
#2	-.000819	-.000136	-.000018	-.009667	.000559	-.000067
#3	-.000589	-.000064	-.000038	.002970	.000257	.000160

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000340	.0020789	.0001136	.0120170	-.000123	.0002864
Stddev	.000551	.0053393	.0001583	.0079491	.000211	.0001669
%RSD	162.1214	256.8300	139.3647	66.14860	171.1465	58.28919

#1	.000025	.0051495	.0000128	.0082718	-.000210	.0004137
#2	-.000071	.0051738	.0002960	.0211468	-.000277	.0003481
#3	-.000973	-.004086	.0000319	.0066323	.000117	.0000974

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.029814	-.003048	-.000668	.0140097	F -.036195	.0010400
Stddev	.019222	.002727	.003355	.0063233	.132320	.0003260
%RSD	64.47169	89.47041	502.3009	45.13548	365.5749	31.34703

#1	-.024790	-.004613	-.004068	.0170607	.060443	.0011154
#2	-.013604	-.004631	-.000577	.0067393	.017977	.0013218
#3	-.051049	.000101	.002641	.0182290	-.187006	.0006829

Sample Name: PB103257BL Acquired: 10/13/2017 14:46:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000216	-.003105	-.000388	.0004078	.0007016	-.000035
Stddev	.000258	.008249	.000403	.0004496	.0007048	.000452
%RSD	119.6538	265.6361	103.9375	110.2572	100.4582	1289.264

#1	.000081	.003367	-.000541	.0003257	-.000102	.000168
#2	-.000392	-.012394	.000069	.0008928	.001216	-.000552
#3	-.000336	-.000289	-.000692	.0000049	.000990	.000280

Elem	Sr4077
Units	ppm
Avg	-.000014
Stddev	.000016
%RSD	119.6208

#1	-.000029
#2	-.000015
#3	.000003

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	972.7368	1011.922	51376.10	11156.12	2735.394
Stddev	.6607	5.307	77.17	48.40	10.685
%RSD	.0679247	.5244150	.1502054	.4338407	.3906308

#1	972.1000	1005.979	51324.13	11157.38	2723.474
#2	972.6914	1013.602	51339.40	11107.10	2744.112
#3	973.4191	1016.185	51464.77	11203.88	2738.597

Sample Name: PB103159BL Acquired: 10/13/2017 14:54:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027090	-.000840	.0008066	-.000862	.0008440	.0018027
Stddev	.0037358	.000566	.0008717	.002117	.0002526	.0049784
%RSD	137.9049	67.42878	108.0713	245.6226	29.93469	276.1699

#1	.0054783	-.000224	.0013311	.000174	.0007331	.0056029
#2	.0041886	-.000958	-.000200	-.003297	.0011331	.0036379
#3	-.001540	-.001338	.001288	.000538	.0006657	-.003833

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000327	-.000079	.0001731	.0040190	-.000236	.0000664
Stddev	.000489	.000026	.0001270	.0057884	.000293	.0002500
%RSD	149.7703	33.03424	73.40445	144.0263	124.0400	376.7192

#1	-.000322	-.000049	.0003184	.0105994	-.000487	-.000145
#2	-.000818	-.000090	.0001174	-.000285	.000086	.000002
#3	.000160	-.000097	.0000834	.001743	-.000308	.000342

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001062	.0090257	.0000580	.0095340	-.000703	.0002429
Stddev	.000496	.0020533	.0002679	.0042328	.000462	.0002421
%RSD	46.68935	22.74927	462.2299	44.39672	65.71492	99.66501

#1	-.001598	.0105891	.0002405	.0125771	-.001147	.0000772
#2	-.000970	.0067004	-.000250	.0047002	-.000736	.0001307
#3	-.000619	.0097875	.000183	.0113247	-.000225	.0005207

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.043116	.0002427	.0039906	.0124823	F -.034441	-.001382
Stddev	.031188	.0012457	.0023448	.0171460	.084108	.000396
%RSD	72.33371	513.3093	58.75886	137.3630	244.2057	28.64391

#1	-.029390	-.001015	.0047138	.0172338	-.125256	-.000979
#2	-.078813	.000267	.0058887	.0267514	-.018847	-.001395
#3	-.021146	.001476	.0013694	-.006538	.040778	-.001771

Sample Name: PB103159BL Acquired: 10/13/2017 14:54:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000207	-.008610	-.000062	-.000287	-.000196	-.000092
Stddev	.0002621	.004130	.000357	.002250	.000516	.000094
%RSD	1269.508	47.96919	573.2453	782.9201	263.0804	101.9755

#1	.0001536	-.011637	-.000322	.002203	-.000656	.000007
#2	.0001896	-.003905	-.000210	-.000893	.000362	-.000180
#3	-.000281	-.010289	.000345	-.002172	-.000294	-.000103

Elem	Sr4077
Units	ppm
Avg	-.000033
Stddev	.000013
%RSD	39.00700

#1	-.000045
#2	-.000019
#3	-.000035

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1001.692	1045.019	52123.85	11260.70	2808.983
Stddev	6.530	7.952	206.06	36.87	11.454
%RSD	.6519304	.7609228	.3953242	.3274042	.4077772

#1	995.185	1036.803	51895.48	11221.20	2796.405
#2	1008.245	1052.677	52180.19	11266.70	2818.815
#3	1001.646	1045.578	52295.88	11294.20	2811.730

Sample Name: PB103160BS Acquired: 10/13/2017 14:58:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) 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	.0201535	.0522111	.0236084	.0668413	.1161502	.4501477
Stddev	.0010521	.0019542	.0014336	.0036384	.0034505	.0028200
%RSD	5.220396	3.742889	6.072596	5.443349	2.970699	.6264583

#1	.0212611	.0500048	.0242238	.0644646	.1121704	.4483137
#2	.0200320	.0529045	.0246316	.0710298	.1179771	.4487345
#3	.0191674	.0537240	.0219698	.0650293	.1183032	.4533948

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .7833620	.0108903	.0109837	9.259777	.0200217	.0974026
Stddev	.0027999	.0001896	.0000648	.056025	.0007636	.0007238
%RSD	.3574220	1.740740	.5901330	.6050405	3.813879	.7430584

#1	.7803362	.0107118	.0109956	9.224038	.0193333	.0972867
#2	.7838886	.0108699	.0110418	9.324347	.0198887	.0967437
#3	.7858612	.0110893	.0109138	9.230947	.0208431	.0981773

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0488357	F .2625672	.0350082	10.00638	.0818889	.0183377
Stddev	.0007153	.0048187	.0004618	.05761	.0002656	.0002821
%RSD	1.464726	1.835219	1.319045	.5757393	.3243162	1.538600

#1	.0482000	.2602841	.0345593	9.96120	.0821836	.0181296
#2	.0496103	.2681031	.0354819	9.98669	.0816682	.0182247
#3	.0486969	.2593144	.0349834	10.07125	.0818149	.0186589

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.443391	.1060947	.1277343	9.686349	F -1.26187	F .0225906
Stddev	.038449	.0026396	.0026648	.080220	.07486	.0011692
%RSD	.4071518	2.487928	2.086216	.8281714	5.932749	5.175471

#1	9.459041	.1034228	.1248397	9.593759	-1.19100	.0212598
#2	9.399585	.1087007	.1300857	9.730298	-1.34018	.0230590
#3	9.471547	.1061607	.1282774	9.734990	-1.25444	.0234529

Sample Name: PB103160BS Acquired: 10/13/2017 14:58:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) 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	.0235787	.2511530	.2027296	F .0144640	.2034374	.0969857
Stddev	.0000953	.0059031	.0020574	.0009156	.0001348	.0009815
%RSD	.4041196	2.350396	1.014871	6.330190	.0662536	1.012010

#1	.0234693	.2566384	.2020164	.0136282	.2033590	.0958892
#2	.0236429	.2519147	.2050487	.0143212	.2035930	.0972856
#3	.0236241	.2449061	.2011236	.0154426	.2033601	.0977822

Elem	Sr4077
Units	ppm
Avg	.2245466
Stddev	.0007341
%RSD	.3269079

#1	.2236994
#2	.2249935
#3	.2249469

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	950.2699	992.1274	49534.10	11111.16	2593.532
Stddev	2.9332	5.6734	280.88	30.90	12.492
%RSD	.3086685	.5718375	.5670428	.2780666	.4816471

#1	952.9000	997.2414	49771.25	11135.82	2602.724
#2	950.8029	993.1161	49607.12	11076.50	2598.562
#3	947.1067	986.0246	49223.92	11121.16	2579.309

Sample Name: I5614-01 Acquired: 10/13/2017 15:14:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ460 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066225	.0245762	.0785515	-.013965	.0074192	202.4009	.9063634
Stddev	.0040838	.0030201	.0022598	.004299	.0020962	1.1124	.0059283
%RSD	61.66561	12.28877	2.876815	30.78427	28.25417	.5496116	.6540807

#1	.0111678	.0250198	.0759451	-.009820	.0069345	203.0745	.9087603
#2	.0032625	.0273500	.0797471	-.013672	.0056078	203.0114	.9107180
#3	.0054372	.0213588	.0799624	-.018404	.0097153	201.1170	.8996119

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080102	.0308056	36.18936	.2194544	.2115478	.5756773	315.8795
Stddev	.0001270	.0002048	.06641	.0012234	.0008040	.0048623	1.3928
%RSD	1.585676	.6647437	.1834959	.5574841	.3800500	.8446141	.4409199

#1	.0079075	.0306261	36.23562	.2194219	.2118509	.5776518	315.6691
#2	.0079708	.0307620	36.11327	.2206937	.2121562	.5792416	314.6039
#3	.0081523	.0310286	36.21919	.2182475	.2106363	.5701383	317.3655

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.802745	54.03674	.3572421	-.018182	4.378784	1.005725	.6523693
Stddev	.021948	.17388	.0016132	.000199	.096756	.009503	.0094584
%RSD	.5771698	.3217795	.4515785	1.094715	2.209653	.9448810	1.449860

#1	3.795307	54.23689	.3554422	-.018154	4.315098	1.010627	.6445232
#2	3.785483	53.92288	.3577262	-.017998	4.490124	.994772	.6497127
#3	3.827446	53.95046	.3585578	-.018393	4.331130	1.011776	.6628719

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.241394	-220.593	-.525320	-.002395	4.938820	1.652940	.0186870
Stddev	.079019	.845	.003675	.000243	.008989	.046447	.0014750
%RSD	1.507597	.3830846	.6996656	10.12742	.1820019	2.809961	7.893282

#1	5.282464	-221.235	-.522175	-.002662	4.933089	1.685334	.0170845
#2	5.291420	-220.909	-.529361	-.002335	4.949179	1.673761	.0199880
#3	5.150297	-219.636	-.524424	-.002188	4.934190	1.599726	.0189885

Sample Name: I5614-01 Acquired: 10/13/2017 15:14:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ460 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	16.05609	.1019281	.2902544
Stddev	.02751	.0012936	.0010919
%RSD	.1713138	1.269099	.3762017

#1	16.08723	.1026966	.2907718
#2	16.03510	.1026532	.2909914
#3	16.04593	.1004347	.2889999

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	964.8366	1017.401	51794.86	11846.24	2099.074
Stddev	7.7080	5.736	140.83	63.22	8.567
%RSD	.7988922	.5638126	.2719018	.5336891	.4081112

#1	955.9367	1011.872	51644.62	11809.53	2090.381
#2	969.3730	1017.007	51816.09	11809.96	2099.333
#3	969.2000	1023.324	51923.88	11919.25	2107.508

Sample Name: I5614-02 Acquired: 10/13/2017 15:18:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ461 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067446	.0200248	.0574012	-.014091	.0074299	258.8343	1.237459
Stddev	.0013207	.0017472	.0036507	.005307	.0001580	2.4762	.010130
%RSD	19.58146	8.725149	6.359898	37.65996	2.126856	.9566867	.8185837

#1	.0060492	.0216123	.0587656	-.007979	.0073800	261.0759	1.242722
#2	.0082677	.0181528	.0532649	-.016768	.0076068	259.2509	1.243875
#3	.0059169	.0203092	.0601731	-.017526	.0073028	256.1762	1.225782

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091560	.0330050	39.39153	.3552574	.2359339	.5583339	337.8539
Stddev	.0002259	.0006357	.27753	.0015516	.0007041	.0067622	2.7281
%RSD	2.467274	1.925982	.7045528	.4367509	.2984333	1.211142	.8074713

#1	.0094156	.0334849	39.48720	.3534863	.2367380	.5620350	340.8329
#2	.0090485	.0332459	39.07881	.3563773	.2354275	.5624378	335.4776
#3	.0090040	.0322841	39.60857	.3559085	.2356362	.5505291	337.2511

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.960436	49.84273	.3462998	-.020068	3.648071	1.059235	.5711441
Stddev	.018647	.47179	.0021965	.000357	.059580	.003548	.0078661
%RSD	.9511702	.9465592	.6342864	1.780151	1.633195	.3349262	1.377250

#1	1.981453	50.35873	.3479740	-.019667	3.698112	1.055477	.5635841
#2	1.945873	49.73606	.3471128	-.020353	3.663937	1.059703	.5792841
#3	1.953983	49.43342	.3438127	-.020184	3.582164	1.062526	.5705641

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.151840	-228.076	-.554091	-.003417	1.197487	3.733213	.0163658
Stddev	.082088	.952	.003587	.000293	.009493	.083551	.0004097
%RSD	1.593367	.4174505	.6474131	8.579861	.7927117	2.238050	2.503175

#1	5.194182	-227.461	-.556765	-.003618	1.188557	3.825280	.0167017
#2	5.204112	-229.172	-.555494	-.003081	1.207457	3.712151	.0159094
#3	5.057227	-227.593	-.550014	-.003553	1.196447	3.662208	.0164863

Sample Name: I5614-02 Acquired: 10/13/2017 15:18:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ461 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	20.09263	.0846142	.4385518
Stddev	.12457	.0012625	.0026507
%RSD	.6199541	1.492036	.6044090

#1	20.23613	.0852265	.4404026
#2	20.02936	.0854537	.4397374
#3	20.01240	.0831623	.4355152

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1053.679	1112.072	55009.21	12602.31	2142.848
Stddev	2.790	3.466	206.44	163.38	9.241
%RSD	.2647626	.3117004	.3752794	1.296447	.4312614

#1	1050.459	1111.594	54773.23	12447.92	2133.766
#2	1055.215	1108.870	55156.41	12585.61	2142.536
#3	1055.364	1115.753	55097.98	12773.40	2152.241

Sample Name: I5614-03 Acquired: 10/13/2017 15:22:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ461D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001143	.0246100	.0607947	-.015546	.0072473	255.0195	1.208270
Stddev	.0040796	.0051989	.0077580	.002560	.0019191	.5517	.001081
%RSD	3570.617	21.12501	12.76094	16.46640	26.48087	.2163364	.0894339

#1	-.002508	.0305613	.0518472	-.013124	.0072932	255.0271	1.207189
#2	.004815	.0223163	.0656463	-.015289	.0091431	255.5674	1.209351
#3	-.001964	.0209525	.0648907	-.018224	.0053056	254.4640	1.208270

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092764	.0320091	38.89093	.3432278	.2320994	.5458160	335.3055
Stddev	.0001732	.0007474	.10514	.0024593	.0022933	.0016619	1.3918
%RSD	1.867378	2.335041	.2703332	.7165157	.9880760	.3044725	.4150718

#1	.0093402	.0317385	38.82912	.3422561	.2295542	.5459770	336.4810
#2	.0094087	.0314346	38.83136	.3460244	.2327388	.5440795	333.7687
#3	.0090803	.0328541	39.01233	.3414027	.2340051	.5473915	335.6668

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.950590	49.31564	.3414126	-.020285	3.579244	1.047644	.5784023
Stddev	.009418	.06534	.0003565	.000109	.033001	.007150	.0066699
%RSD	.4828238	.1324924	.1044157	.5384460	.9220083	.6824794	1.153161

#1	1.959703	49.37374	.3411247	-.020159	3.592031	1.055442	.5827619
#2	1.940894	49.24491	.3413019	-.020335	3.603937	1.041398	.5707241
#3	1.951174	49.32826	.3418114	-.020359	3.541763	1.046091	.5817209

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.010326	-226.262	-.547610	-.003567	1.168790	3.525574	.0118601
Stddev	.045444	2.661	.002330	.000316	.027817	.040661	.0022087
%RSD	.9070050	1.175938	.4255442	8.858617	2.380006	1.153321	18.62294

#1	4.975467	-224.352	-.546427	-.003702	1.139461	3.561057	.0105398
#2	5.061723	-225.133	-.550295	-.003206	1.172110	3.481204	.0144100
#3	4.993787	-229.301	-.546109	-.003793	1.194798	3.534459	.0106306

Sample Name: I5614-03 Acquired: 10/13/2017 15:22:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ461D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	19.79034	.0826256	.4275055
Stddev	.01464	.0005075	.0002829
%RSD	.0739774	.6141840	.0661730

#1	19.80083	.0822941	.4274299
#2	19.77361	.0832099	.4272681
#3	19.79657	.0823730	.4278185

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1069.178	1114.062	55227.23	12625.65	2152.783
Stddev	6.977	6.849	231.18	34.22	9.966
%RSD	.6525443	.6147637	.4186053	.2710371	.4629401

#1	1068.570	1110.031	55121.63	12590.42	2154.422
#2	1076.439	1121.970	55492.36	12627.77	2161.827
#3	1062.525	1110.186	55067.70	12658.76	2142.098

Sample Name: I5614-04 Acquired: 10/13/2017 15:26:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ461S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0726093	.1362542	.0843236	.0646319	.0653835	214.2507	4.919840
Stddev	.0028269	.0021186	.0039148	.0039235	.0008250	.2128	.006004
%RSD	3.893314	1.554918	4.642554	6.070458	1.261818	.0992999	.1220313

#1	.0726315	.1364294	.0869090	.0603715	.0662245	214.2063	4.918684
#2	.0697713	.1340534	.0862420	.0680963	.0645755	214.0638	4.914498
#3	.0754250	.1382798	.0798196	.0654279	.0653506	214.4822	4.926337

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0935997	.1199695	29.47449	.5881274	1.175851	.8757633	267.5851
Stddev	.0002452	.0006619	.11571	.0047289	.005175	.0029753	.9540
%RSD	.2619508	.5517351	.3925634	.8040587	.4401017	.3397351	.3565129

#1	.0937718	.1203170	29.37629	.5917230	1.180728	.8789029	266.5373
#2	.0937084	.1192062	29.44513	.5898886	1.170423	.8729855	268.4035
#3	.0933190	.1203853	29.60205	.5827707	1.176402	.8754016	267.8143

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.694794	36.10933	1.251176	-.014969	2.806623	1.923630	1.380308
Stddev	.009486	.01814	.005896	.000238	.062593	.002697	.009490
%RSD	.3519991	.0502271	.4712589	1.586785	2.230195	.1401801	.6875436

#1	2.684289	36.10890	1.252770	-.015240	2.742397	1.921529	1.378690
#2	2.702733	36.12768	1.244647	-.014796	2.867444	1.926671	1.390503
#3	2.697358	36.09142	1.256113	-.014871	2.810029	1.922691	1.371731

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.195623	-162.771	-.429923	-.001658	.7663814	3.715248	.0122075
Stddev	.010661	1.116	.001129	.000662	.0104229	.023064	.0008865
%RSD	.2540871	.6854474	.2624948	39.92585	1.360019	.6207881	7.261554

#1	4.203464	-161.541	-.431082	-.001479	.7637696	3.708648	.0112000
#2	4.199922	-163.717	-.428827	-.001104	.7575127	3.696203	.0125545
#3	4.183485	-163.056	-.429861	-.002392	.7778618	3.740892	.0128679

Sample Name: I5614-04 Acquired: 10/13/2017 15:26:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ461S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	15.85067	.0686781	.3023741
Stddev	.03808	.0003825	.0001393
%RSD	.2402263	.5569176	.0460629

#1	15.80729	.0685810	.3022230
#2	15.86620	.0683536	.3024973
#3	15.87854	.0690998	.3024020

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	982.6891	1022.619	51663.41	11803.69	2175.321
Stddev	6.1199	7.096	111.97	11.09	7.426
%RSD	.6227665	.6938636	.2167344	.0939635	.3413765

#1	981.6397	1020.093	51603.52	11798.69	2171.109
#2	989.2658	1017.131	51792.59	11816.40	2170.959
#3	977.1618	1030.632	51594.12	11795.98	2183.896

Sample Name: I5615-16A Acquired: 10/13/2017 15:38:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ4D1A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037409	.0436179	.0050726	-.003793	-.001698	.2868179	.0260516
Stddev	.0017462	.0013564	.0009821	.001635	.001242	.0015957	.0001517
%RSD	46.67983	3.109696	19.36198	43.10965	73.14329	.5563619	.5823713

#1	.0026064	.0421156	.0041259	-.002065	-.000932	.2882003	.0260593
#2	.0057518	.0439857	.0050050	-.005316	-.001031	.2871817	.0258962
#3	.0028645	.0447525	.0060867	-.003997	-.003131	.2850717	.0261994

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001998	.0025834	8.006168	-.003742	.0123085	.0075013	34.66512
Stddev	.0000576	.0000911	.058716	.000189	.0002555	.0011579	.14713
%RSD	28.84754	3.526667	.7333838	5.051162	2.075432	15.43632	.4244188

#1	.0002310	.0025841	8.060734	-.003548	.0126011	.0064437	34.82407
#2	.0002350	.0024919	7.944036	-.003925	.0121303	.0087386	34.63756
#3	.0001333	.0026742	8.013733	-.003753	.0121940	.0073217	34.53372

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.202482	11.08110	.0021750	-.001422	29.73684	.0003851	.0095485
Stddev	.014220	.06278	.0004185	.000359	.11353	.0012390	.0048071
%RSD	.2733282	.5665295	19.24293	25.24435	.3817935	321.7452	50.34334

#1	5.216680	11.11459	.0025707	-.001320	29.78853	.0018158	.0050613
#2	5.202527	11.12004	.0022175	-.001125	29.81532	-.000323	.0146217
#3	5.188240	11.00868	.0017369	-.001821	29.60666	-.000338	.0089626

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.250578	-1.41963	-.020167	-.000593	-.035463	9.367804	.0010214
Stddev	.015225	.09823	.000478	.000423	.002428	.064296	.0003989
%RSD	1.217398	6.919484	2.372374	71.25039	6.847969	.6863518	39.04904

#1	1.252528	-1.32414	-.019897	-.000315	-.033070	9.371895	.0008180
#2	1.264733	-1.41435	-.019884	-.001079	-.035394	9.429957	.0014810
#3	1.234472	-1.52039	-.020719	-.000385	-.037925	9.301561	.0007653

Sample Name: I5615-16A Acquired: 10/13/2017 15:38:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ4D1A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0316239	-.000338	.1143361
Stddev	.0012753	.000428	.0004910
%RSD	4.032697	126.5527	.4294545

#1	.0308847	-.000737	.1143265
#2	.0330964	.000114	.1148318
#3	.0308905	-.000393	.1138499

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	898.0649	928.2701	47276.50	10828.20	2448.934
Stddev	12.5273	3.7265	200.48	47.46	9.368
%RSD	1.394922	.4014501	.4240684	.4382580	.3825483

#1	904.4572	928.6987	47306.22	10828.06	2445.424
#2	906.1066	924.3478	47460.46	10780.81	2441.827
#3	883.6310	931.7638	47062.81	10875.72	2459.550

Sample Name: I5614-05 Acquired: 10/13/2017 15:42:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ462 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002409	.0265695	.0511227	-.016274	.0083496	285.9939
Stddev	.0031296	.0048178	.0014521	.002985	.0024671	1.4254
%RSD	1299.416	18.13282	2.840471	18.34254	29.54760	.4983892

#1	.0038055	.0236110	.0505560	-.013371	.0062639	285.7305
#2	-.002056	.0239687	.0527727	-.019335	.0110729	287.5326
#3	-.001027	.0321287	.0500393	-.016117	.0077120	284.7186

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.190078	.0085441	.0339640	39.20261	.2601884	.2340240
Stddev	.007962	.0001743	.0001419	.21336	.0016618	.0010058
%RSD	.6690013	2.040460	.4177763	.5442568	.6386889	.4297995

#1	1.185721	.0086403	.0341050	39.25921	.2597795	.2332358
#2	1.199268	.0086491	.0339657	38.96666	.2587693	.2351569
#3	1.185246	.0083428	.0338213	39.38197	.2620165	.2336794

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6862088	F 376.9172	6.081848	66.46066	.3601176	-.022556
Stddev	.0041198	2.0438	.044381	.19411	.0020145	.000545
%RSD	.6003750	.5422389	.7297354	.2920624	.5594088	2.415987

#1	.6836583	378.9799	6.114657	66.54215	.3577919	-.021934
#2	.6909617	374.8928	6.031349	66.60074	.3612385	-.022784
#3	.6840063	376.8789	6.099536	66.23910	.3613223	-.022949

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.524388	1.056649	.6180865	4.194593	-247.894	-.599040
Stddev	.039692	.009192	.0098963	.022305	2.139	.003644
%RSD	.8772804	.8699675	1.601111	.5317472	.8627771	.6082901

#1	4.543938	1.060229	.6293813	4.199174	-245.425	-.600608
#2	4.550512	1.046205	.6139413	4.214253	-249.190	-.594875
#3	4.478713	1.063512	.6109370	4.170354	-249.066	-.601637

Sample Name: I5614-05 Acquired: 10/13/2017 15:42:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ462 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004773	.3244352	2.815176	.0175369	20.32828	.1169436
Stddev	.000597	.0082443	.047592	.0022065	.03988	.0010432
%RSD	12.50278	2.541121	1.690567	12.58179	.1961572	.8920961

#1	-.004503	.3339279	2.779527	.0180417	20.36760	.1166896
#2	-.004359	.3190690	2.796781	.0194472	20.28787	.1180904
#3	-.005457	.3203086	2.869221	.0151218	20.32935	.1160509

Elem	Sr4077
Units	ppm
Avg	.4003750
Stddev	.0008025
%RSD	.2004272

#1	.4007757
#2	.4008982
#3	.3994511

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1008.802	1065.440	52695.51	12138.75	2125.334
Stddev	16.114	5.913	418.54	37.41	4.500
%RSD	1.597358	.5549617	.7942706	.3081727	.2117483

#1	994.521	1059.154	52246.56	12098.14	2120.139
#2	1005.614	1066.277	52765.02	12146.31	2127.816
#3	1026.273	1070.890	53074.95	12171.80	2128.047

Sample Name: PB103160BL Acquired: 10/13/2017 15:46:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV11839 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000543	-.001865	.0018108	.0007292	-.000137	.0142161
Stddev	.003754	.002589	.0022772	.0009144	.000772	.0094497
%RSD	691.3296	138.7883	125.7508	125.3963	563.7808	66.47168

#1	-.004816	-.004671	.0034622	.0017669	.000665	.0248184
#2	.002222	-.001354	.0027573	.0003797	-.000875	.0111487
#3	.000965	.000430	-.000787	.0000411	-.000201	.0066812

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002841	-.000122	.0001225	.0075820	.0001643	-.000044
Stddev	.0002973	.000032	.0002077	.0127234	.0001933	.000157
%RSD	104.6390	25.98540	169.4901	167.8110	117.6956	361.0778

#1	-.000058	-.000128	.0001156	.0003530	-.000025	.000120
#2	.000481	-.000150	.0003336	.0001199	.000157	-.000195
#3	.000429	-.000087	-.000082	.0222731	.000361	-.000056

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000718	.0253848	.0006362	.0145471	-.000404	.0000706
Stddev	.000609	.0128126	.0002542	.0049123	.000072	.0001882
%RSD	84.73199	50.47358	39.94898	33.76798	17.81106	266.3595

#1	-.000933	.0390920	.0008523	.0196518	-.000406	.0000061
#2	-.001190	.0233525	.0003562	.0098531	-.000331	.0002826
#3	-.000031	.0137097	.0007002	.0141365	-.000474	-.000077

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007922	.0007114	.0013552	.0119396	F -.084311	-.002639
Stddev	.047292	.0006894	.0032751	.0042997	.116314	.001100
%RSD	597.0013	96.91693	241.6796	36.01264	137.9583	41.70137

#1	-.059554	.0000636	-.001277	.0069757	-.094679	-.001786
#2	.033292	.0006345	.000320	.0143307	.036840	-.002250
#3	.002497	.0014361	.005023	.0145123	-.195094	-.003881

Sample Name: PB103160BL Acquired: 10/13/2017 15:46:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV11839 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004687	-.007820	.0006640	.0000379	.0013827	-.000363
Stddev	.0001866	.003200	.0013036	.0006638	.0008297	.000123
%RSD	39.81059	40.92200	196.3184	1752.786	60.00578	33.80181

#1	.0006739	-.006168	.0018125	-.000492	.0023102	-.000413
#2	.0004227	-.011509	-.000753	-.000176	.0011268	-.000453
#3	.0003094	-.005783	.000933	.000782	.0007111	-.000223

Elem	Sr4077
Units	ppm
Avg	-.000001
Stddev	.000018
%RSD	1838.871

#1	.000015
#2	.000002
#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	999.7262	1050.060	52147.12	11360.34	2821.266
Stddev	3.9906	6.213	14.23	53.16	11.578
%RSD	.3991736	.5916815	.0272856	.4679238	.4103985

#1	1003.825	1047.677	52137.18	11333.73	2812.098
#2	999.500	1057.112	52140.77	11421.55	2834.277
#3	995.853	1045.391	52163.42	11325.75	2817.422

Sample Name: PB103257BS Acquired: 10/13/2017 15:51:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB11839 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0186414	.0458270	.0213270	.0621128	.1147737	.3560363
Stddev	.0056384	.0017672	.0008725	.0068156	.0004838	.0033805
%RSD	30.24695	3.856248	4.091216	10.97294	.4214805	.9494860

#1	.0187450	.0474707	.0204369	.0544352	.1142271	.3599010
#2	.0242273	.0439579	.0213630	.0644536	.1149470	.3545793
#3	.0129519	.0460524	.0221809	.0674494	.1151468	.3536285

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3001786	.0103344	.0106155	9.012481	.0188441	.0942353
Stddev	.0005966	.0000998	.0000446	.021827	.0003952	.0006801
%RSD	.1987510	.9660872	.4198724	.2421860	2.097184	.7216819

#1	.3008264	.0104334	.0106022	9.037672	.0192059	.0943629
#2	.3000576	.0103360	.0106652	9.000583	.0189042	.0948425
#3	.2996517	.0102337	.0105790	8.999189	.0184224	.0935004

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0474924	.2202352	.0324943	9.618073	.0782989	.0186184
Stddev	.0010938	.0045674	.0003266	.046437	.0001532	.0001480
%RSD	2.303066	2.073879	1.005001	.4828103	.1956965	.7951178

#1	.0473576	.2234972	.0328400	9.665499	.0781747	.0187202
#2	.0486473	.2150152	.0324518	9.616027	.0782518	.0186863
#3	.0464723	.2221932	.0321910	9.572693	.0784701	.0184486

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.264910	.1033758	.1162878	9.341672	F -.866179	F .0188647
Stddev	.063443	.0012435	.0018262	.009676	.052860	.0003142
%RSD	.6847615	1.202922	1.570393	.1035783	6.102710	1.665541

#1	9.338160	.1048115	.1173277	9.352718	-.895470	.0191721
#2	9.229125	.1026775	.1173566	9.337605	-.897911	.0185441
#3	9.227444	.1026383	.1141792	9.334694	-.805158	.0188780

Sample Name: PB103257BS Acquired: 10/13/2017 15:51:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB11839 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0238202	.1401556	.1877393	F .0140048	.2006714	.0962750
Stddev	.0000682	.0040299	.0014946	.0012235	.0011790	.0003564
%RSD	.2864639	2.875335	.7961179	8.736304	.5875221	.3702303

#1	.0237636	.1447822	.1893421	.0126459	.2015397	.0958738
#2	.0238011	.1374106	.1874921	.0150189	.2011453	.0963962
#3	.0238960	.1382741	.1863837	.0143497	.1993292	.0965551

Elem	Sr4077
Units	ppm
Avg	.2223882
Stddev	.0003687
%RSD	.1657742

#1	.2227532
#2	.2223953
#3	.2220159

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	954.1303	994.6526	49708.64	11213.93	2607.000
Stddev	16.4091	1.9614	451.71	91.11	4.806
%RSD	1.719792	.1971984	.9087149	.8125146	.1843471

#1	971.8064	996.7265	50225.18	11110.56	2609.862
#2	951.2019	992.8274	49387.62	11248.63	2601.451
#3	939.3826	994.4039	49513.14	11282.60	2609.685

Sample Name: I5595-10 Acquired: 10/13/2017 15:55:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C37 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0398696	.0024085	.3539458	-.003689	.0023353	71.28278	.4017840
Stddev	.0037803	.0032276	.0037918	.002712	.0008127	.15534	.0020818
%RSD	9.481700	134.0088	1.071291	73.51277	34.80037	.2179162	.5181354

#1	.0378003	.0046976	.3564907	-.005603	.0027492	71.11483	.4012211
#2	.0442328	.0038111	.3495879	-.004878	.0013990	71.31222	.4000415
#3	.0375756	-.001283	.3557589	-.000586	.0028576	71.42129	.4040893

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019003	.0041497	4.620288	.0780311	.0097231	.0791495	56.66534
Stddev	.0000184	.0001562	.025097	.0000272	.0003783	.0008595	.19216
%RSD	.9676886	3.763540	.5431958	.0348898	3.890912	1.085911	.3391183

#1	.0019055	.0043073	4.625399	.0780020	.0100351	.0781581	56.65825
#2	.0018799	.0039950	4.642437	.0780352	.0098320	.0796057	56.86096
#3	.0019156	.0041467	4.593029	.0780560	.0093023	.0796847	56.47683

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4282940	2.543216	.0310012	-.002855	.5256127	.1335220	.2917158
Stddev	.0034047	.021988	.0003115	.000381	.0401198	.0042517	.0090479
%RSD	.7949399	.8645724	1.004852	13.36269	7.632960	3.184277	3.101612

#1	.4280263	2.518064	.0308063	-.002695	.5093938	.1348167	.2855677
#2	.4318246	2.552794	.0308368	-.002579	.4961414	.1369759	.3021052
#3	.4250310	2.558791	.0313604	-.003290	.5713029	.1287735	.2874745

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.274188	-54.2854	-.088889	.0017026	.3553723	19.48336	.0153618
Stddev	.020529	.2349	.001567	.0002240	.0058436	.11817	.0016855
%RSD	.9027119	.4326879	1.763088	13.15520	1.644369	.6065362	10.97181

#1	2.277233	-54.5509	-.089266	.0019471	.3599042	19.34733	.0167813
#2	2.252306	-54.1044	-.090234	.0015074	.3487768	19.54201	.0134989
#3	2.293025	-54.2011	-.087168	.0016534	.3574358	19.56074	.0158051

Sample Name: I5595-10 Acquired: 10/13/2017 15:55:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C37 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8574102	.0387199	.0559302
Stddev	.0005087	.0004155	.0002125
%RSD	.0593245	1.073099	.3799713

#1	.8576887	.0382410	.0558248
#2	.8568231	.0389334	.0561748
#3	.8577189	.0389852	.0557909

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	924.0368	974.2510	48860.68	10986.46	2453.851
Stddev	3.6019	.8196	98.12	16.45	4.015
%RSD	.3897988	.0841267	.2008119	.1497228	.1636220

#1	920.0848	974.5388	48787.97	11004.25	2449.661
#2	924.8902	973.3263	48821.79	10971.80	2457.665
#3	927.1353	974.8879	48972.29	10983.34	2454.226

Sample Name: I5595-11 Acquired: 10/13/2017 15:59:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C37D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0460137	.0035268	.3534482	-.004251	.0033138	71.77777	.4005444
Stddev	.0078966	.0002956	.0026148	.001054	.0014210	.24405	.0010875
%RSD	17.16128	8.381255	.7397979	24.78679	42.87980	.3400133	.2715078

#1	.0372368	.0035929	.3547735	-.005044	.0024541	72.05942	.4016980
#2	.0482624	.0037838	.3504361	-.003055	.0049540	71.64520	.4003973
#3	.0525421	.0032038	.3551349	-.004654	.0025334	71.62870	.3995379

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021518	.0042906	4.674536	.0789021	.0096987	.0809011	57.84265
Stddev	.0000501	.0001997	.029183	.0005364	.0006143	.0007655	.49620
%RSD	2.330442	4.653677	.6242993	.6797766	6.334237	.9462238	.8578490

#1	.0021981	.0040667	4.702285	.0789011	.0103201	.0816125	57.91259
#2	.0020985	.0044502	4.644104	.0783662	.0096845	.0809998	57.31519
#3	.0021589	.0043549	4.677219	.0794389	.0090916	.0800911	58.30017

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4381137	2.614255	.0310957	-.002835	.5424155	.1361566	.2856500
Stddev	.0044696	.002637	.0004012	.000182	.0366004	.0007598	.0104467
%RSD	1.020180	.1008886	1.290243	6.414099	6.747667	.5580253	3.657179

#1	.4387966	2.611674	.0310750	-.002627	.5781948	.1367449	.2814717
#2	.4333420	2.616946	.0315069	-.002965	.5050459	.1364260	.2779391
#3	.4422025	2.614144	.0307053	-.002911	.5440059	.1352988	.2975392

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.267084	-54.0325	-.091138	.0015863	.3524875	19.78498	.0152250
Stddev	.009245	.6851	.001127	.0001344	.0104460	.27733	.0011648
%RSD	.4078035	1.267928	1.236441	8.470532	2.963497	1.401717	7.650367

#1	2.263614	-54.8129	-.089887	.0016801	.3515250	20.10291	.0148751
#2	2.277563	-53.7549	-.091455	.0016464	.3425561	19.65919	.0165246
#3	2.260076	-53.5298	-.092073	.0014324	.3633814	19.59284	.0142753

Sample Name: I5595-11 Acquired: 10/13/2017 15:59:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0C37D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8618528	.0382443	.0565188
Stddev	.0167574	.0004134	.0002847
%RSD	1.944350	1.081003	.5037143

#1	.8716730	.0386588	.0565202
#2	.8713817	.0382422	.0562334
#3	.8425037	.0378320	.0568028

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	950.7028	984.7619	49289.94	10868.53	2471.748
Stddev	3.8875	3.5402	170.85	77.32	12.900
%RSD	.4089060	.3594999	.3466167	.7114232	.5219117

#1	952.0958	980.6741	49206.64	10781.90	2457.335
#2	953.7019	986.8310	49486.46	10930.55	2482.214
#3	946.3107	986.7807	49176.71	10893.14	2475.695

Sample Name: I5595-12 Acquired: 10/13/2017 16:03:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C37S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1085520	.1213944	.3094500	.0829114	.0566488	93.67346	4.906064
Stddev	.0105006	.0028144	.0003512	.0035566	.0004401	.40710	.009781
%RSD	9.673328	2.318396	.1134896	4.289664	.7769755	.4345976	.1993695

#1	.1157977	.1194408	.3090591	.0870022	.0566851	93.81649	4.896255
#2	.1133486	.1201221	.3097389	.0805517	.0561917	93.98974	4.915817
#3	.0965097	.1246203	.3095520	.0811804	.0570697	93.21414	4.906121

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1015147	.1033315	4.601476	.4849529	1.036233	.5890027	69.16470
Stddev	.0007012	.0012258	.016362	.0063980	.006474	.0022349	.24309
%RSD	.6907817	1.186312	.3555870	1.319315	.6247225	.3794311	.3514716

#1	.1007817	.1042427	4.583414	.4808597	1.041885	.5901826	69.21488
#2	.1021791	.1038139	4.605703	.4816732	1.037644	.5904003	69.37879
#3	.1015834	.1019378	4.615309	.4923258	1.029171	.5864252	68.90043

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.399283	2.974308	1.085343	-.002657	.6795505	1.246918	1.202503
Stddev	.004478	.025763	.008797	.000095	.0457523	.002869	.011780
%RSD	.3200230	.8661852	.8105619	3.591168	6.732737	.2300659	.9796170

#1	1.401854	2.950913	1.088862	-.002569	.7246588	1.249133	1.195584
#2	1.401883	3.001919	1.091837	-.002644	.6808124	1.247943	1.195820
#3	1.394112	2.970091	1.075331	-.002758	.6331802	1.243678	1.216104

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.726738	-49.0847	-.110118	.0017505	.3047563	22.09176	.0144331
Stddev	.037847	.4568	.002046	.0003921	.0000915	.25107	.0012971
%RSD	1.388006	.9306431	1.858040	22.40188	.0300363	1.136497	8.986884

#1	2.749009	-49.0807	-.110676	.0013411	.3048048	22.23536	.0146297
#2	2.748166	-49.5435	-.111827	.0017875	.3048133	22.23807	.0156206
#3	2.683038	-48.6299	-.107850	.0021228	.3046507	21.80185	.0130489

Sample Name: I5595-12 Acquired: 10/13/2017 16:03:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C37S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8830491	.0442900	.0580548
Stddev	.0132640	.0003393	.0001822
%RSD	1.502073	.7660824	.3137870

#1	.8970787	.0440312	.0582440
#2	.8813552	.0446742	.0578806
#3	.8707133	.0441647	.0580399

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	941.1240	975.9736	48921.01	10924.08	2416.539
Stddev	6.0599	6.4643	267.21	51.39	19.075
%RSD	.6439028	.6623387	.5462004	.4704175	.7893409

#1	934.1658	970.2083	48885.96	10905.05	2401.089
#2	945.2440	974.7505	49204.01	10884.92	2410.668
#3	943.9621	982.9620	48673.05	10982.27	2437.859

Sample Name: I5595-10LX5 Acquired: 10/13/2017 16:07:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C37L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056050	-.000983	.0707111	.0008637	-.000301	13.86755	.0827292
Stddev	.0048468	.002314	.0007310	.0020643	.001751	.06068	.0002969
%RSD	86.47306	235.4042	1.033821	239.0128	581.6995	.4375614	.3588324

#1	.0000594	-.001821	.0701120	.0016293	.001007	13.92997	.0829378
#2	.0077247	-.002762	.0704957	-.001474	.000381	13.86390	.0823894
#3	.0090310	.001633	.0715256	.002436	-.002291	13.80878	.0828606

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003959	.0009060	.9388746	.0150916	.0021119	.0156136	11.54711
Stddev	.0000625	.0000382	.0082158	.0004325	.0002492	.0007969	.02767
%RSD	15.77957	4.214555	.8750735	2.865962	11.79751	5.104043	.2396450

#1	.0004542	.0009319	.9294125	.0152849	.0018978	.0146947	11.51516
#2	.0003300	.0009239	.9430129	.0145961	.0023854	.0161163	11.56368
#3	.0004036	.0008621	.9441985	.0153937	.0020525	.0160297	11.56248

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0879515	.5309264	.0057454	-.000635	.0052842	.0285076	.0570072
Stddev	.0013518	.0158818	.0002359	.000376	.0401664	.0028178	.0027779
%RSD	1.536923	2.991343	4.105609	59.13432	760.1265	9.884352	4.872838

#1	.0868064	.5473877	.0056321	-.000575	.0184052	.0313360	.0538196
#2	.0876054	.5296959	.0055875	-.000293	-.039802	.0257005	.0582918
#3	.0894426	.5156956	.0060165	-.001037	.037249	.0284862	.0589103

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4324819	-10.0759	-.021032	.0001371	.0567704	3.409610	.0030872
Stddev	.0234366	.0702	.000683	.0002164	.0044994	.069356	.0012041
%RSD	5.419096	.6966466	3.248517	157.8773	7.925520	2.034147	39.00324

#1	.4442722	-10.1465	-.020683	-.000112	.0568015	3.390947	.0018764
#2	.4476821	-10.0061	-.021819	.000280	.0612541	3.351495	.0042845
#3	.4054913	-10.0750	-.020594	.000243	.0522555	3.486388	.0031008

Sample Name: I5595-10LX5 Acquired: 10/13/2017 16:07:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0C37L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1599167	.0073853	.0113350
Stddev	.0020600	.0000767	.0000868
%RSD	1.288158	1.039262	.7658734

#1	.1597743	.0074568	.0114351
#2	.1579317	.0073950	.0112800
#3	.1620443	.0073042	.0112901

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	962.2857	1010.271	50641.72	11074.76	2674.100
Stddev	5.6533	13.386	39.64	35.95	12.935
%RSD	.5874896	1.324983	.0782785	.3246034	.4837137

#1	964.4850	996.718	50687.49	11043.03	2661.010
#2	966.5090	1010.613	50619.27	11067.45	2674.417
#3	955.8633	1023.483	50618.39	11113.80	2686.874

Sample Name: CCV055 Acquired: 10/13/2017 16:18:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV055 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.897532	5.073172	23.69044	4.771202	4.986513	386.4615
Stddev	.016954	.010192	.15759	.020961	.021304	1.5130
%RSD	.3461682	.2009003	.6652190	.4393272	.4272356	.3914998

#1	4.878019	5.062450	23.52861	4.751542	4.969337	388.1730
#2	4.908646	5.074329	23.69927	4.793259	4.979848	385.9098
#3	4.905932	5.082736	23.84343	4.768805	5.010352	385.3019

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.994806	.5141834	2.487262	392.8608	15.04906	2.475717
Stddev	.025778	.0024497	.014204	2.1667	.03027	.011567
%RSD	.2579167	.4764285	.5710658	.5515235	.2011543	.4672146

#1	10.02439	.5169488	2.473887	390.8442	15.04155	2.465632
#2	9.98288	.5122853	2.485729	392.5868	15.02324	2.473177
#3	9.97715	.5133161	2.502170	395.1515	15.08238	2.488343

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.52991	389.8382	15.02941	392.7366	2.419110	1.321518
Stddev	.08039	.8069	.04454	.7816	.016898	.003339
%RSD	.5176734	.2069801	.2963281	.1990209	.6985385	.2526417

#1	15.60591	389.3384	15.02472	393.5568	2.406827	1.318698
#2	15.53807	389.4071	14.98740	392.0004	2.412120	1.325204
#3	15.44574	390.7690	15.07610	392.6525	2.438382	1.320652

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	388.5657	2.505389	15.77970	154.3138	F 4.040939	F 4.496099
Stddev	1.4993	.014446	.17269	1.0743	.375838	.015824
%RSD	.3858664	.5765806	1.094355	.6961988	9.300748	.3519586

#1	390.2558	2.506715	15.59651	155.5526	3.893307	4.500316
#2	387.3957	2.490326	15.93950	153.7516	3.761332	4.478594
#3	388.0454	2.519125	15.80308	153.6372	4.468177	4.509388

Sample Name: CCV055 Acquired: 10/13/2017 16:18:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV055 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.859532	4.710872	5.015130	4.783729	5.004480	5.128882
Stddev	.017043	.015213	.013728	.023194	.011085	.046657
%RSD	.3507044	.3229393	.2737276	.4848529	.2214956	.9096897

#1	4.841047	4.700023	5.025715	4.759550	5.011078	5.180311
#2	4.862930	4.728262	4.999619	4.785842	4.991682	5.117064
#3	4.874620	4.704331	5.020055	4.805794	5.010679	5.089270

Elem	Sr4077
Units	ppm
Avg	5.097182
Stddev	.047785
%RSD	.9374752

#1	5.103712
#2	5.046468
#3	5.141366

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	768.0996	800.5816	40809.93	10022.95	1719.863
Stddev	3.3872	3.5930	174.28	52.19	10.330
%RSD	.4409844	.4487971	.4270603	.5206891	.6006040

#1	771.9884	804.7093	40930.50	9974.57	1730.095
#2	766.5170	798.8808	40889.20	10078.26	1720.057
#3	765.7934	798.1549	40610.11	10016.03	1709.438

Sample Name: CCB055 Acquired: 10/13/2017 16:26:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB055 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001513	-.001321	.0011498	-.001859	-.000703	.0046852
Stddev	.001930	.003034	.0010225	.002443	.001514	.0004210
%RSD	127.5764	229.7187	88.93287	131.4423	215.2169	8.986434

#1	-.002652	.001040	.0004230	-.004353	-.002432	.0042598
#2	-.002602	-.000260	.0023190	.000530	.000388	.0051017
#3	.000716	-.004743	.0007073	-.001754	-.000066	.0046941

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001193	-.000100	.0000413	-.000683	.0000858	-.000116
Stddev	.000265	.000046	.0000518	.002186	.0000136	.000250
%RSD	22.24348	45.43258	125.6086	319.9766	15.86859	215.3434

#1	-.000997	-.000067	.0000730	.000716	.0000701	-.000314
#2	-.001495	-.000152	-.000019	.000437	.0000923	.000165
#3	-.001086	-.000082	.000069	-.003202	.0000949	-.000198

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000053	.0048801	-.000169	.0177604	-.000447	.0000534
Stddev	.000553	.0050020	.000220	.0054937	.000227	.0001666
%RSD	1045.013	102.4972	130.0659	30.93193	50.73366	312.0287

#1	-.000193	.0017163	-.000160	.0156241	-.000629	-.000042
#2	.000557	.0106469	.000046	.0240013	-.000521	-.000044
#3	-.000522	.0022773	-.000393	.0136559	-.000193	.000246

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078762	-.002162	.0012040	.0247409	F -.048620	.0016896
Stddev	.0681564	.001194	.0043710	.0096866	.105943	.0002433
%RSD	865.3406	55.20154	363.0347	39.15216	217.9009	14.39734

#1	-.014886	-.001628	-.001482	.0168605	-.129282	.0016019
#2	.084501	-.001329	-.001153	.0218069	.071361	.0019646
#3	-.045986	-.003530	.006248	.0355553	-.087939	.0015024

Sample Name: CCB055 Acquired: 10/13/2017 16:26:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB055 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000866	-.003500	.0007176	-.000084	.0004973	.0001232
Stddev	.0002961	.005654	.0008843	.001340	.0008488	.0002171
%RSD	341.9290	161.5573	123.2335	1594.645	170.6880	176.2008

#1	-.000166	.002843	.0001567	.001027	-.000473	.0002177
#2	.000412	-.008012	.0002591	.000294	.000866	.0002771
#3	.000014	-.005330	.0017369	-.001572	.001100	-.000125

Elem	Sr4077
Units	ppm
Avg	-.000042
Stddev	.000005
%RSD	10.88517

#1	-.000046
#2	-.000037
#3	-.000042

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	975.5988	1015.043	51629.74	11193.64	2757.043
Stddev	9.5707	6.291	328.13	42.93	12.780
%RSD	.9810124	.6197910	.6355376	.3834776	.4635442

#1	973.4500	1021.846	51586.95	11168.13	2767.358
#2	986.0612	1013.845	51977.16	11169.60	2761.025
#3	967.2851	1009.436	51325.11	11243.20	2742.746

Sample Name: I5614-06 Acquired: 10/13/2017 16:31:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ463 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003375	.0315288	.0309478	-.019773	.0101427	244.3413	.9269847
Stddev	.004916	.0025504	.0016056	.007990	.0015083	.9653	.0031621
%RSD	145.6686	8.089163	5.188235	40.40815	14.87051	.3950641	.3411176

#1	-.006375	.0339805	.0326070	-.028886	.0113077	244.4299	.9291500
#2	.002299	.0288900	.0308348	-.016461	.0084390	245.2593	.9284481
#3	-.006048	.0317161	.0294016	-.013971	.0106813	243.3348	.9233560

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079273	.0324952	30.60640	.2748163	.2100171	.6304258	357.4195
Stddev	.0003547	.0002112	.14053	.0019377	.0001770	.0021548	1.1480
%RSD	4.474254	.6500307	.4591567	.7050850	.0842841	.3417956	.3211940

#1	.0083134	.0324975	30.74243	.2750656	.2101978	.6290112	356.1728
#2	.0076160	.0327052	30.61503	.2727660	.2100094	.6329057	358.4330
#3	.0078526	.0322827	30.46176	.2766173	.2098440	.6293604	357.6527

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.250920	61.58689	.3729869	-.020494	3.457641	1.040225	.5667826
Stddev	.016401	.25182	.0022455	.000436	.041286	.006819	.0118447
%RSD	.3858239	.4088889	.6020213	2.126907	1.194063	.6555046	2.089821

#1	4.233216	61.45292	.3715537	-.020907	3.430823	1.034174	.5659020
#2	4.265596	61.87737	.3755748	-.020536	3.436916	1.047614	.5790430
#3	4.253948	61.43036	.3718323	-.020038	3.505185	1.038888	.5554027

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.481831	-188.715	-.584873	-.005104	.1093474	2.464540	.0132309
Stddev	.050071	.645	.002711	.000231	.0090135	.047674	.0008114
%RSD	1.117202	.3418777	.4635612	4.518518	8.242996	1.934416	6.132535

#1	4.473065	-188.037	-.587830	-.004880	.1012041	2.410193	.0138893
#2	4.535706	-189.321	-.584287	-.005340	.1078058	2.499309	.0123244
#3	4.436721	-188.787	-.582503	-.005092	.1190323	2.484117	.0134790

Sample Name: I5614-06 Acquired: 10/13/2017 16:31:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ463 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	19.73099	.0928584	.3977597
Stddev	.05018	.0007584	.0012189
%RSD	.2543176	.8167295	.3064458

#1	19.69087	.0929250	.3975653
#2	19.78725	.0935813	.3990641
#3	19.71483	.0920688	.3966496

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	991.9038	1044.093	52194.59	11968.49	2125.640
Stddev	13.3584	10.704	284.68	37.06	13.360
%RSD	1.346748	1.025166	.5454125	.3096620	.6284969

#1	994.5186	1031.736	52147.18	11969.33	2110.869
#2	977.4312	1050.510	51936.60	11931.01	2129.173
#3	1003.762	1050.032	52500.00	12005.12	2136.878

Sample Name: I5614-07 Acquired: 10/13/2017 16:35:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ480 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0136594	.0072686	.1128492	-.008528	.0202221	116.1408	.5555076
Stddev	.0116768	.0040221	.0004409	.006887	.0013273	.2268	.0016319
%RSD	85.48554	55.33497	.3906707	80.76099	6.563387	.1952873	.2937684

#1	.0026735	.0029750	.1131516	-.002121	.0215972	116.3134	.5558321
#2	.0123826	.0109487	.1130527	-.007652	.0201206	116.2251	.5569530
#3	.0259222	.0078823	.1123434	-.015811	.0189485	115.8839	.5537379

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054468	.0355350	81.42893	.1500593	.1967830	.6651685	408.4302
Stddev	.0002024	.0002828	.28181	.0010575	.0003451	.0028697	1.4956
%RSD	3.715747	.7958401	.3460866	.7047234	.1753858	.4314300	.3661756

#1	.0055794	.0354036	81.75405	.1500410	.1967219	.6643327	409.9236
#2	.0055471	.0358596	81.27821	.1490111	.1971546	.6683633	408.4346
#3	.0052138	.0353418	81.25452	.1511259	.1964725	.6628094	406.9324

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.849491	90.41945	.3447564	-.024110	5.008620	.7033406	.6518076
Stddev	.018510	.10027	.0029293	.000371	.049685	.0021691	.0036961
%RSD	.3816865	.1108924	.8496724	1.538229	.9919925	.3083927	.5670506

#1	4.868436	90.52495	.3463392	-.024064	5.036629	.7036344	.6500250
#2	4.848588	90.40799	.3465537	-.024502	5.037977	.7053478	.6560572
#3	4.831449	90.32540	.3413762	-.023764	4.951254	.7010397	.6493408

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.15134	-446.299	-.641384	.0783181	3.355247	2.063870	.0152864
Stddev	.01700	3.779	.001301	.0005105	.040102	.040994	.0028797
%RSD	.1122093	.8468380	.2029040	.6518717	1.195194	1.986291	18.83868

#1	15.16748	-450.541	-.641135	.0781407	3.392927	2.110958	.0152060
#2	15.15295	-445.067	-.640225	.0788937	3.359717	2.044520	.0124477
#3	15.13359	-443.290	-.642791	.0779200	3.313098	2.036132	.0182055

Sample Name: I5614-07 Acquired: 10/13/2017 16:35:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ480 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	10.59813	.1052003	.2757731
Stddev	.03005	.0005199	.0007339
%RSD	.2835091	.4942408	.2661235

#1	10.62786	.1050924	.2765721
#2	10.59876	.1057657	.2756182
#3	10.56777	.1047427	.2751291

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	930.4680	982.9568	49324.92	11436.27	2130.728
Stddev	2.4912	4.7628	143.94	32.25	12.785
%RSD	.2677340	.4845425	.2918141	.2819712	.6000238

#1	928.0258	977.6429	49158.98	11399.46	2118.426
#2	930.3728	984.3864	49399.89	11459.52	2129.811
#3	933.0054	986.8411	49415.90	11449.83	2143.947

Sample Name: I5614-08 Acquired: 10/13/2017 16:39:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ481 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.011388	.0296066	.0452171	-.021718	.0101069	241.7869	.9820176
Stddev	.001646	.0062311	.0043893	.002514	.0007390	.5959	.0022635
%RSD	14.44899	21.04642	9.707102	11.57595	7.311687	.2464679	.2304991

#1	-.009553	.0244723	.0501931	-.021358	.0109563	241.4017	.9845067
#2	-.012733	.0365391	.0435630	-.024393	.0096119	242.4733	.9814638
#3	-.011879	.0278084	.0418952	-.019404	.0097524	241.4857	.9800824

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091133	.0404764	55.53117	.2783294	.2849940	1.012080	426.3915
Stddev	.0000292	.0007615	.08324	.0004234	.0006841	.002614	2.3339
%RSD	.3205539	1.881422	.1498947	.1521055	.2400557	.2582980	.5473533

#1	.0091340	.0412388	55.58138	.2778693	.2857597	1.009904	423.9029
#2	.0090799	.0404746	55.43509	.2787024	.2844428	1.014980	426.7400
#3	.0091261	.0397158	55.57705	.2784164	.2847795	1.011357	428.5315

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.962491	72.36993	.4310746	-.026214	3.368252	1.356879	.7285508
Stddev	.048924	.49947	.0025922	.000563	.026504	.009648	.0191911
%RSD	.8205333	.6901555	.6013437	2.146316	.7868889	.7110438	2.634143

#1	5.905998	71.79973	.4300901	-.026324	3.386527	1.345876	.7109349
#2	5.990698	72.58007	.4340148	-.026713	3.380374	1.363889	.7257158
#3	5.990777	72.72999	.4291188	-.025604	3.337854	1.360873	.7490016

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.349654	-351.070	-.675921	-.002741	2.713254	2.466025	.0147027
Stddev	.070597	1.593	.002783	.000385	.011034	.048560	.0015738
%RSD	.7550726	.4537694	.4116734	14.03803	.4066754	1.969165	10.70408

#1	9.299755	-352.154	-.675404	-.003085	2.713258	2.469508	.0128910
#2	9.430429	-349.241	-.678926	-.002325	2.724287	2.415816	.0157320
#3	9.318779	-351.816	-.673434	-.002814	2.702218	2.512749	.0154850

Sample Name: I5614-08 Acquired: 10/13/2017 16:39:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ481 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	22.01457	.0971624	.2535266
Stddev	.06526	.0005485	.0001319
%RSD	.2964613	.5645409	.0520081

#1	21.94065	.0969114	.2534700
#2	22.03882	.0977915	.2534325
#3	22.06423	.0967843	.2536773

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1036.670	1085.360	54184.88	12500.90	2106.197
Stddev	6.477	3.885	93.39	31.70	7.400
%RSD	.6248151	.3579838	.1723490	.2535604	.3513540

#1	1042.115	1080.945	54078.75	12537.50	2098.738
#2	1029.507	1086.871	54221.39	12482.36	2106.316
#3	1038.389	1088.262	54254.49	12482.84	2113.537

Sample Name: I5614-09 Acquired: 10/13/2017 16:43:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ484 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002375	.0354950	.0707871	-.017090	.0054575	291.7130	1.484897
Stddev	.003628	.0024266	.0043041	.005748	.0023296	1.5153	.007860
%RSD	152.7828	6.836400	6.080339	33.63591	42.68554	.5194564	.5293192

#1	-.003728	.0382956	.0658667	-.015284	.0027687	293.2608	1.491450
#2	-.005133	.0340191	.0738536	-.012461	.0067327	291.6458	1.487058
#3	.001736	.0341704	.0726410	-.023524	.0068709	290.2324	1.476183

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092093	.0287154	19.75188	.3092858	.2173362	.6409936	339.8650
Stddev	.0002081	.0002580	.04156	.0007797	.0006738	.0063973	.7437
%RSD	2.259357	.8983918	.2104242	.2520853	.3100070	.9980234	.2188312

#1	.0093156	.0286565	19.77029	.3095571	.2166735	.6450717	340.1072
#2	.0093427	.0289978	19.70429	.3084067	.2173147	.6442886	339.0303
#3	.0089695	.0284920	19.78106	.3098935	.2180205	.6336205	340.4574

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.238044	49.38708	.3175070	-.020669	3.714735	1.116072	.5277310
Stddev	.011974	.10679	.0008371	.000431	.058373	.010049	.0155332
%RSD	.3697862	.2162253	.2636365	2.085602	1.571400	.9004027	2.943402

#1	3.230406	49.51012	.3169543	-.021116	3.726913	1.105067	.5294394
#2	3.231883	49.33253	.3184700	-.020256	3.766058	1.118390	.5114142
#3	3.251844	49.31858	.3170965	-.020635	3.651233	1.124760	.5423394

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.501512	-291.255	-.527536	-.002553	1.520369	4.163882	.0208837
Stddev	.046509	.738	.002444	.000226	.008629	.022234	.0041900
%RSD	1.328243	.2533703	.4633534	8.843401	.5675426	.5339756	20.06346

#1	3.496537	-290.924	-.524896	-.002752	1.529915	4.154868	.0240039
#2	3.550308	-290.740	-.529721	-.002598	1.518065	4.189207	.0225260
#3	3.457691	-292.100	-.527993	-.002308	1.513126	4.147570	.0161214

Sample Name: I5614-09 Acquired: 10/13/2017 16:43:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ484 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	19.22652	.1202432	.2551476
Stddev	.01640	.0017393	.0011940
%RSD	.0853164	1.446476	.4679482

#1	19.24059	.1219054	.2558245
#2	19.23047	.1203883	.2558492
#3	19.20851	.1184359	.2537690

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1011.993	1053.050	52761.57	12112.93	2142.251
Stddev	5.473	5.999	110.89	54.03	3.052
%RSD	.5408588	.5696781	.2101701	.4460374	.1424841

#1	1006.339	1055.297	52692.48	12076.66	2145.344
#2	1017.266	1057.601	52889.47	12087.10	2142.167
#3	1012.375	1046.252	52702.74	12175.02	2139.241

Sample Name: I5614-10 Acquired: 10/13/2017 16:47:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ485 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071561	.0313275	.0532122	-.018811	.0053776	273.1673	1.106735
Stddev	.0049635	.0032930	.0058393	.004128	.0018711	1.6346	.007086
%RSD	69.36016	10.51156	10.97364	21.94284	34.79390	.5983789	.6402561

#1	.0125407	.0280795	.0475152	-.018099	.0051112	273.2096	1.108215
#2	.0061638	.0346637	.0591841	-.015085	.0073676	274.7803	1.112965
#3	.0027637	.0312392	.0529372	-.023248	.0036540	271.5120	1.099026

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071282	.0240209	22.36429	.3065578	.1602443	.4280600	283.4519
Stddev	.0001969	.0001832	.18808	.0017498	.0006082	.0040181	3.0301
%RSD	2.762485	.7625247	.8409665	.5707981	.3795376	.9386863	1.069003

#1	.0069673	.0242282	22.14712	.3071619	.1609377	.4274690	279.9639
#2	.0070694	.0239535	22.47301	.3045859	.1599942	.4323408	284.9569
#3	.0073478	.0238809	22.47274	.3079255	.1598011	.4243700	285.4348

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.669476	34.92037	.2478161	-.017938	3.385707	.9246200	.4539515
Stddev	.050272	.27265	.0001474	.000283	.037449	.0036772	.0093375
%RSD	1.370013	.7807790	.0594963	1.578837	1.106089	.3976955	2.056931

#1	3.613828	34.61328	.2477356	-.018145	3.345580	.9220661	.4633207
#2	3.682989	35.13402	.2479862	-.018054	3.419728	.9288346	.4446461
#3	3.711611	35.01381	.2477264	-.017616	3.391812	.9229592	.4538878

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.290529	-176.113	-.457275	.0004932	1.788353	4.952050	.0204377
Stddev	.035601	.952	.001998	.0005656	.014169	.027105	.0012415
%RSD	1.554291	.5408223	.4368517	114.6770	.7922987	.5473510	6.074469

#1	2.328386	-175.986	-.454970	-.000155	1.785670	4.925024	.0215512
#2	2.285478	-177.122	-.458361	.000888	1.803672	4.979233	.0206628
#3	2.257722	-175.230	-.458494	.000746	1.775717	4.951893	.0190990

Sample Name: I5614-10 Acquired: 10/13/2017 16:47:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ485 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	18.57137	.0896998	.1082310
Stddev	.11669	.0021003	.0003894
%RSD	.6283440	2.341440	.3597693

#1	18.44419	.0914141	.1078001
#2	18.67351	.0903282	.1085575
#3	18.59642	.0873571	.1083355

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	956.9688	990.0922	50094.40	11463.15	2137.381
Stddev	5.6794	2.0213	91.49	65.02	5.734
%RSD	.5934823	.2041555	.1826260	.5672143	.2682743

#1	950.4134	988.6880	49988.94	11505.70	2131.457
#2	960.4084	992.4089	50141.73	11388.30	2137.782
#3	960.0847	989.1798	50152.51	11495.43	2142.904

Sample Name: I5512-13A Acquired: 10/13/2017 16:51:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METNA6A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0158805	.0422203	.0231743	.0853491	-.002780	.0401783	.1517410
Stddev	.0049329	.0037242	.0023139	.0029577	.000978	.0043220	.0003253
%RSD	31.06229	8.820770	9.984885	3.465435	35.18988	10.75694	.2143915

#1	.0128267	.0422463	.0210707	.0882823	-.002003	.0389792	.1518856
#2	.0132435	.0384832	.0227993	.0823675	-.002459	.0449732	.1513684
#3	.0215714	.0459314	.0256528	.0853974	-.003879	.0365825	.1519689

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001505	.0001866	104.6403	.0026514	-.000633	.0011459	1.695515
Stddev	.0000475	.0001904	.6917	.0001773	.000153	.0010673	.017526
%RSD	31.53075	102.0322	.6610562	6.688006	24.10345	93.14751	1.033640

#1	.0001918	.0003894	104.7460	.0024580	-.000528	.0015440	1.713463
#2	.0000987	.0001587	105.2731	.0028064	-.000562	.0019569	1.678445
#3	.0001611	.0000117	103.9018	.0026898	-.000808	-.000063	1.694637

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1569127	43.02640	.0023483	.0001165	30.39264	-.000682	.0075523
Stddev	.0004780	.29397	.0006897	.0000485	.15684	.001134	.0025674
%RSD	.3046015	.6832316	29.37135	41.62400	.5160617	166.1802	33.99503

#1	.1573161	43.02087	.0031442	.0000662	30.41865	.000583	.0083719
#2	.1563848	42.73523	.0019253	.0001629	30.22442	-.001025	.0046751
#3	.1570373	43.32309	.0019754	.0001205	30.53486	-.001606	.0096097

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.619220	-42.7660	.1676079	.0108094	15.34408	5.977129	-.005948
Stddev	.036225	.2382	.0017147	.0001520	.06613	.038833	.002384
%RSD	.7842183	.5569614	1.023057	1.406139	.4309575	.6496924	40.08304

#1	4.593708	-42.8130	.1688955	.0107306	15.40700	5.964457	-.007211
#2	4.603268	-42.9772	.1656615	.0107131	15.27515	5.946215	-.003198
#3	4.660683	-42.5078	.1682666	.0109847	15.35010	6.020715	-.007435

Sample Name: I5512-13A Acquired: 10/13/2017 16:51:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METNA6A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0014617	.0173227	.8942333
Stddev	.0003819	.0003097	.0030599
%RSD	26.12511	1.788042	.3421793

#1	.0018325	.0173630	.8950210
#2	.0014830	.0169948	.8908566
#3	.0010697	.0176104	.8968223

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	871.5314	900.2398	45528.08	10715.07	2288.721
Stddev	1.8784	3.5727	78.97	48.20	2.899
%RSD	.2155260	.3968660	.1734457	.4498420	.1266764

#1	870.4681	896.1185	45501.92	10701.59	2285.386
#2	870.4259	902.4607	45465.51	10768.58	2290.643
#3	873.7003	902.1403	45616.80	10675.05	2290.133

Sample Name: I5614-11 Acquired: 10/13/2017 16:55:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ4B4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002022	.0098910	.7584680	-.014266	.0125887	100.4156	1.124183
Stddev	.002456	.0045192	.0011765	.003237	.0017905	.2456	.002703
%RSD	121.4919	45.68993	.1551218	22.69246	14.22268	.2445916	.2404741

#1	-.000318	.0051328	.7588017	-.017962	.0141516	100.3460	1.126126
#2	-.000910	.0104145	.7594416	-.011932	.0129794	100.6885	1.125328
#3	-.004837	.0141255	.7571606	-.012905	.0106352	100.2123	1.121096

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052146	.0287142	60.01438	.1268129	.1400216	2.259710	303.5503
Stddev	.0001127	.0001843	.29027	.0003294	.0007329	.003532	.9792
%RSD	2.161805	.6417688	.4836602	.2597670	.5234337	.1562938	.3225697

#1	.0053366	.0287144	60.20193	.1265261	.1402070	2.255815	304.4754
#2	.0051143	.0285299	60.16116	.1271727	.1406440	2.262703	303.6507
#3	.0051930	.0288985	59.68003	.1267398	.1392138	2.260613	302.5248

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.192839	70.31494	.2329253	-.017253	5.040431	.6194051	.7283253
Stddev	.023236	.16435	.0009189	.000111	.116139	.0055883	.0025850
%RSD	.7277421	.2337271	.3945177	.6447884	2.304139	.9022127	.3549298

#1	3.205053	70.44902	.2331744	-.017262	4.981802	.6144606	.7269784
#2	3.207420	70.36419	.2319075	-.017138	5.174197	.6254682	.7266919
#3	3.166044	70.13160	.2336940	-.017360	4.965294	.6182866	.7313057

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.351517	-168.328	-.474011	.0114079	16.13486	.6567613	.1012046
Stddev	.039670	.844	.004905	.0005414	.07065	.0127026	.0015304
%RSD	.5396110	.5012918	1.034742	4.746259	.4378572	1.934136	1.512147

#1	7.305906	-169.032	-.478800	.0115405	16.09454	.6582068	.1020787
#2	7.370651	-167.393	-.474237	.0118707	16.09360	.6686794	.0994375
#3	7.377992	-168.560	-.468998	.0108125	16.21643	.6433977	.1020976

Sample Name: I5614-11 Acquired: 10/13/2017 16:55:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ4B4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	10.89810	.1024367	.3310611
Stddev	.04469	.0006641	.0003562
%RSD	.4100999	.6483018	.1075925

#1	10.93533	.1017364	.3313908
#2	10.91044	.1030574	.3311091
#3	10.84854	.1025163	.3306833

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	867.7205	918.8561	47665.80	10960.37	2095.684
Stddev	5.8092	11.9478	87.12	23.19	20.956
%RSD	.6694807	1.300294	.1827737	.2115676	.9999611

#1	861.4022	906.2462	47628.32	10951.37	2073.706
#2	872.8306	920.3142	47765.39	10943.03	2097.903
#3	868.9286	930.0080	47603.69	10986.71	2115.442

Sample Name: I5614-12 Acquired: 10/13/2017 16:59:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ4B5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094666	.0068264	.0505708	.0032198	.0031256	36.27394	.1777033
Stddev	.0028500	.0016357	.0024163	.0021099	.0014023	.14657	.0010300
%RSD	30.10629	23.96121	4.777997	65.53018	44.86563	.4040570	.5796102

#1	.0065533	.0086348	.0528076	.0038351	.0015877	36.32196	.1776608
#2	.0095976	.0063943	.0480082	.0008706	.0043335	36.39048	.1787539
#3	.0122488	.0054502	.0508967	.0049537	.0034555	36.10939	.1766952

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014372	.0050012	25.96203	.0336371	.0265813	.1382156	50.44306
Stddev	.0001416	.0000165	.19969	.0002325	.0004086	.0014997	.16275
%RSD	9.855063	.3299068	.7691724	.6910711	1.537218	1.085053	.3226438

#1	.0015034	.0050021	26.01341	.0338730	.0269354	.1395463	50.59788
#2	.0012746	.0049842	26.13102	.0334082	.0266744	.1385099	50.45791
#3	.0015336	.0050172	25.74167	.0336300	.0261342	.1365905	50.27340

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9575727	8.789598	.0388271	-.003051	1.041534	.1673596	.1957614
Stddev	.0035324	.063259	.0002940	.000366	.053333	.0011106	.0073710
%RSD	.3688952	.7197006	.7571103	11.98587	5.120646	.6635890	3.765287

#1	.9588316	8.777645	.0391663	-.003359	1.044404	.1660772	.2013536
#2	.9603033	8.857980	.0386690	-.002647	1.093375	.1680029	.1985220
#3	.9535833	8.733168	.0386461	-.003147	.986824	.1679986	.1874086

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.118961	-31.6191	-.050371	.0118628	9.834624	.7625666	.0123624
Stddev	.020407	.1603	.001029	.0003099	.013679	.0117522	.0018514
%RSD	1.823764	.5068385	2.043086	2.612076	.1390908	1.541136	14.97645

#1	1.096410	-31.6458	-.050506	.0121443	9.841316	.7601248	.0104944
#2	1.124319	-31.7643	-.051326	.0115307	9.843669	.7753479	.0123959
#3	1.136155	-31.4471	-.049281	.0119134	9.818887	.7522272	.0141968

Sample Name: I5614-12 Acquired: 10/13/2017 16:59:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ4B5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.028172	.0131268	.2070119
Stddev	.009882	.0001498	.0009886
%RSD	.3263268	1.141284	.4775374

#1	3.032387	.0132719	.2073064
#2	3.035246	.0129726	.2078198
#3	3.016881	.0131359	.2059096

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	879.1189	932.4289	47619.41	10742.23	2459.462
Stddev	15.8050	10.9347	417.31	67.46	14.802
%RSD	1.797822	1.172716	.8763400	.6279724	.6018361

#1	861.0750	922.9164	47137.63	10715.36	2444.691
#2	885.7720	929.9948	47867.99	10692.34	2459.401
#3	890.5097	944.3756	47852.61	10818.98	2474.295

Sample Name: I5614-13 Acquired: 10/13/2017 17:03:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ4C1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049694	.0207329	.0516596	-.016792	.0065506	225.6502	.9938076
Stddev	.0054321	.0035297	.0034612	.004942	.0011425	.3230	.0028782
%RSD	109.3111	17.02447	6.700042	29.43217	17.44170	.1431266	.2896155

#1	.0072936	.0220919	.0547755	-.022321	.0052584	225.2985	.9908770
#2	-.001238	.0233809	.0479341	-.012803	.0074269	225.9334	.9939153
#3	.008853	.0167257	.0522691	-.015253	.0069666	225.7186	.9966304

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073376	.0288263	37.97579	.2010775	.1985617	.7642130	317.0818
Stddev	.0001522	.0004380	.04178	.0011448	.0018124	.0018696	1.2264
%RSD	2.074893	1.519424	.1100162	.5693419	.9127513	.2446473	.3867769

#1	.0073053	.0292704	38.00403	.1999590	.1992966	.7659074	316.1249
#2	.0075035	.0283947	37.92779	.2022470	.1964973	.7645244	318.4643
#3	.0072042	.0288137	37.99553	.2010264	.1998911	.7622073	316.6564

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.994919	60.92994	.3344538	-.019384	4.136873	.8826418	.5257926
Stddev	.021285	.20943	.0004815	.000176	.059617	.0026942	.0098399
%RSD	.3550480	.3437154	.1439714	.9070449	1.441121	.3052458	1.871443

#1	5.975727	60.74495	.3349302	-.019449	4.070442	.8820196	.5371175
#2	6.017811	61.15732	.3344639	-.019519	4.154453	.8855927	.5193339
#3	5.991217	60.88755	.3339673	-.019185	4.185723	.8803131	.5209264

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.395202	-246.735	-.490727	-.002543	2.498017	2.095085	.0126788
Stddev	.011529	.771	.002027	.000471	.013393	.032610	.0012152
%RSD	.3395638	.3123191	.4130102	18.51345	.5361388	1.556517	9.584470

#1	3.383239	-245.848	-.491737	-.002711	2.489905	2.081070	.0120017
#2	3.396125	-247.125	-.492051	-.002908	2.490670	2.132360	.0119530
#3	3.406242	-247.234	-.488394	-.002012	2.513475	2.071825	.0140817

Sample Name: I5614-13 Acquired: 10/13/2017 17:03:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ4C1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	16.00734	.1114928	.2966393
Stddev	.01726	.0005720	.0008364
%RSD	.1078308	.5130350	.2819577

#1	15.99229	.1109274	.2956891
#2	16.02618	.1114798	.2969646
#3	16.00354	.1120712	.2972642

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	980.2776	1029.233	51641.91	11819.85	2140.048
Stddev	8.8439	2.562	88.05	45.14	6.315
%RSD	.9021878	.2488917	.1705004	.3818922	.2950741

#1	981.3883	1026.631	51561.82	11804.46	2133.629
#2	988.5138	1031.752	51736.19	11784.41	2146.253
#3	970.9308	1029.316	51627.72	11870.67	2140.261

Sample Name: I5614-14 Acquired: 10/13/2017 17:07:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ4C2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.011498	.0231684	.0559254	-.019261	.0112919	368.5050	1.664343
Stddev	.003886	.0046406	.0033389	.004849	.0011586	1.8504	.003520
%RSD	33.79422	20.03002	5.970290	25.17322	10.26071	.5021430	.2114914

#1	-.013612	.0178290	.0545982	-.017935	.0099603	367.7051	1.662583
#2	-.013867	.0254460	.0534541	-.015214	.0120700	370.6208	1.668396
#3	-.007013	.0262303	.0597238	-.024635	.0118454	367.1891	1.662050

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117482	.0466397	26.90133	.3633007	.2937620	.8176275	497.1654
Stddev	.0001172	.0005201	.06343	.0034441	.0022191	.0029766	.3771
%RSD	.9973745	1.115064	.2357966	.9480011	.7554057	.3640471	.0758437

#1	.0118268	.0467261	26.92131	.3658288	.2922219	.8148073	496.9863
#2	.0118044	.0471111	26.83031	.3593780	.2927584	.8207390	496.9113
#3	.0116136	.0460818	26.95236	.3646952	.2963056	.8173361	497.5986

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.459674	74.77436	.4489347	-.027843	4.430141	1.282201	.7344782
Stddev	.006842	.17698	.0012873	.000689	.034024	.001165	.0053734
%RSD	.1059117	.2366806	.2867476	2.474128	.7680228	.0908205	.7315987

#1	6.464351	74.57892	.4481505	-.028025	4.413247	1.281322	.7397021
#2	6.462848	74.82037	.4482332	-.027081	4.469306	1.283522	.7347658
#3	6.451822	74.92379	.4504204	-.028422	4.407869	1.281758	.7289668

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.114315	-341.479	-.796962	-.004039	.3994445	3.440953	.0237969
Stddev	.033435	1.967	.005909	.000650	.0224125	.015310	.0037321
%RSD	.5468336	.5759994	.7414361	16.08658	5.610925	.4449241	15.68325

#1	6.078717	-341.313	-.802652	-.004147	.4136211	3.437857	.0222617
#2	6.145056	-339.601	-.790856	-.003342	.3736055	3.427428	.0210773
#3	6.119172	-343.524	-.797380	-.004629	.4111069	3.457574	.0280518

Sample Name: I5614-14 Acquired: 10/13/2017 17:07:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ4C2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	18.71966	.1150229	.5565036
Stddev	.01601	.0005971	.0007845
%RSD	.0855115	.5190889	.1409621

#1	18.71874	.1148222	.5572572
#2	18.73610	.1156945	.5565619
#3	18.70413	.1145520	.5556915

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1026.121	1061.047	53540.34	12320.61	2039.220
Stddev	5.420	6.963	111.21	46.13	9.532
%RSD	.5282047	.6562575	.2077110	.3744450	.4674389

#1	1029.816	1067.992	53610.37	12267.52	2048.672
#2	1019.899	1061.083	53412.11	12343.42	2039.380
#3	1028.648	1054.065	53598.55	12350.90	2029.609

Sample Name: I5614-15 Acquired: 10/13/2017 17:11:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ464 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017377	.0195850	.0413183	-.020729	.0067550	199.0102	.8177105
Stddev	.0092767	.0042330	.0050425	.001004	.0016414	.7486	.0038148
%RSD	533.8444	21.61354	12.20394	4.841302	24.29881	.3761506	.4665239

#1	-.008945	.0161216	.0359911	-.021888	.0076355	199.4317	.8212411
#2	.006395	.0243037	.0419467	-.020125	.0048612	198.1459	.8136640
#3	.007763	.0183298	.0460172	-.020176	.0077682	199.4530	.8182264

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077712	.0381152	48.15351	.2884294	.2687393	.9232596	391.2507
Stddev	.0000545	.0002705	.41965	.0015746	.0008148	.0061726	2.1343
%RSD	.7012209	.7096347	.8714752	.5459292	.3031774	.6685621	.5455020

#1	.0077123	.0384222	47.78672	.2867972	.2678116	.9301649	391.7084
#2	.0077814	.0380113	48.06266	.2899393	.2690679	.9182779	388.9247
#3	.0078198	.0379121	48.61113	.2885518	.2693385	.9213359	393.1190

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.372383	79.92490	.4205015	-.025122	3.847010	1.075908	.7716325
Stddev	.022754	.47659	.0012783	.000430	.030154	.004996	.0156254
%RSD	.5203995	.5963032	.3040037	1.713354	.7838329	.4643617	2.024985

#1	4.375327	80.16625	.4201764	-.025348	3.829390	1.078442	.7716028
#2	4.348300	79.37591	.4194172	-.024626	3.829812	1.070153	.7560220
#3	4.393521	80.23254	.4219110	-.025393	3.881828	1.079129	.7872728

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.902407	-220.992	-.616800	-.005344	3.322796	1.124268	.0141950
Stddev	.014543	.754	.001089	.000444	.021266	.028451	.0021949
%RSD	.3726686	.3412211	.1765639	8.309006	.6400028	2.530645	15.46266

#1	3.911126	-220.301	-.616831	-.005847	3.319295	1.153044	.0167229
#2	3.910478	-220.879	-.617873	-.005008	3.345595	1.096153	.0127723
#3	3.885618	-221.797	-.615696	-.005177	3.303498	1.123607	.0130899

Sample Name: I5614-15 Acquired: 10/13/2017 17:11:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ464 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	17.43572	.0957954	.2554200
Stddev	.07394	.0005940	.0010500
%RSD	.4240940	.6200255	.4110916

#1	17.48919	.0957201	.2563071
#2	17.35134	.0952427	.2542606
#3	17.46664	.0964234	.2556922

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	930.0205	987.7039	50631.51	11854.07	2048.012
Stddev	13.2148	1.9821	417.40	62.32	.725
%RSD	1.420918	.2006770	.8243850	.5257409	.0353946

#1	920.5950	985.4845	50322.38	11786.46	2048.458
#2	945.1256	988.3297	51106.31	11909.23	2048.402
#3	924.3408	989.2976	50465.84	11866.51	2047.176

Sample Name: I5614-16 Acquired: 10/13/2017 17:16:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ465 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0212572	.0239020	.1193719	-.010273	.0081304	134.5524	.7152704
Stddev	.0064962	.0017418	.0013864	.004867	.0009168	1.0292	.0045131
%RSD	30.56025	7.287199	1.161447	47.37305	11.27584	.7648969	.6309669

#1	.0258185	.0250464	.1181417	-.015047	.0087312	135.0631	.7177605
#2	.0138193	.0247621	.1190998	-.010453	.0085849	135.2264	.7179898
#3	.0241337	.0218975	.1208742	-.005319	.0070752	133.3678	.7100607

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042842	.0139069	19.46217	.1448645	.1085651	.3349924	173.3619
Stddev	.0001504	.0001142	.14523	.0008842	.0006996	.0036911	.7677
%RSD	3.510594	.8212487	.7462063	.6103517	.6443909	1.101844	.4428107

#1	.0042976	.0137754	19.47907	.1438825	.1084455	.3372255	174.2458
#2	.0041275	.0139814	19.30923	.1451136	.1079331	.3370198	172.8616
#3	.0044274	.0139639	19.59820	.1455973	.1093168	.3307320	172.9783

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.589704	24.45166	.1594234	-.011061	1.707129	.5323336	.4373207
Stddev	.007153	.21875	.0008264	.000204	.095347	.0055008	.0121142
%RSD	.4499582	.8946117	.5183569	1.848098	5.585240	1.033329	2.770099

#1	1.595875	24.65591	.1584702	-.010931	1.751274	.5375537	.4273327
#2	1.581864	24.47823	.1599376	-.011297	1.772402	.5328575	.4507961
#3	1.591374	24.22084	.1598625	-.010956	1.597709	.5265897	.4338333

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.730573	-106.177	-.277758	-.000290	4.773245	4.805955	.0278712
Stddev	.025315	.691	.001244	.000436	.048982	.028406	.0011642
%RSD	.9270773	.6512022	.4479989	150.1944	1.026175	.5910557	4.177044

#1	2.739493	-105.717	-.279050	.000026	4.725801	4.835966	.0284675
#2	2.750220	-106.972	-.277655	-.000787	4.770302	4.802412	.0286165
#3	2.702006	-105.842	-.276568	-.000109	4.823632	4.779487	.0265297

Sample Name: I5614-16 Acquired: 10/13/2017 17:16:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ465 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	12.35692	.0471439	.2090833
Stddev	.04565	.0007668	.0008287
%RSD	.3694593	1.626423	.3963242

#1	12.39744	.0472336	.2094931
#2	12.36587	.0478619	.2096271
#3	12.30746	.0463363	.2081296

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	905.0999	949.3560	48898.44	11114.16	2233.897
Stddev	12.5524	5.0955	275.94	69.95	2.488
%RSD	1.386856	.5367328	.5643225	.6293432	.1113885

#1	899.7808	945.1064	48744.40	11073.89	2231.077
#2	896.0828	947.9566	48733.91	11073.66	2235.784
#3	919.4361	955.0050	49217.02	11194.92	2234.830

Sample Name: I5614-17 Acquired: 10/13/2017 17:20:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ466 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0137630	.0237622	.1209840	-.009335	.0121333	249.0376	1.137552
Stddev	.0067665	.0024260	.0037717	.000980	.0011861	.1760	.000299
%RSD	49.16409	10.20932	3.117501	10.49407	9.775738	.0706569	.0262578

#1	.0203071	.0215659	.1168129	-.010445	.0123653	249.0309	1.137696
#2	.0141879	.0263662	.1241544	-.008973	.0131863	248.8650	1.137752
#3	.0067941	.0233545	.1219846	-.008588	.0108483	249.2168	1.137209

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089628	.0374645	29.38782	.3027271	.2207511	.7678265	398.7065
Stddev	.0000947	.0006168	.34993	.0014206	.0004423	.0023050	1.6507
%RSD	1.057149	1.646335	1.190729	.4692522	.2003461	.3001972	.4140219

#1	.0090706	.0380008	29.10341	.3043205	.2202718	.7684868	398.9829
#2	.0088926	.0367905	29.77859	.3022680	.2211435	.7652634	400.2017
#3	.0089252	.0376023	29.28147	.3015930	.2208380	.7697292	396.9351

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.364403	63.51760	.3500773	-.020220	3.773255	1.062614	1.942576
Stddev	.018097	.16850	.0012299	.000755	.067976	.001252	.006060
%RSD	.2843470	.2652808	.3513243	3.733624	1.801511	.1177821	.3119564

#1	6.368555	63.64165	.3488511	-.019847	3.847978	1.061285	1.938936
#2	6.380064	63.58539	.3513109	-.019724	3.715084	1.063771	1.939221
#3	6.344591	63.32577	.3500697	-.021089	3.756703	1.062786	1.949572

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.548268	-269.818	-.661607	-.002577	2.443671	1.988881	.0687327
Stddev	.033539	.423	.001609	.000541	.013245	.047584	.0014385
%RSD	.7373967	.1566215	.2431366	21.00828	.5419953	2.392485	2.092860

#1	4.551919	-270.077	-.661469	-.002101	2.428381	1.952073	.0671579
#2	4.513054	-269.330	-.663281	-.002465	2.451012	2.042613	.0690629
#3	4.579833	-270.046	-.660072	-.003166	2.451619	1.971957	.0699775

Sample Name: I5614-17 Acquired: 10/13/2017 17:20:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ466 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	19.50741	.1168244	.3941889
Stddev	.03000	.0008434	.0005768
%RSD	.1537809	.7219373	.1463138

#1	19.52337	.1167942	.3948070
#2	19.52605	.1159966	.3940947
#3	19.47280	.1176826	.3936651

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	962.6238	1002.735	51257.21	11714.90	2083.398
Stddev	4.7732	3.626	101.06	28.18	7.843
%RSD	.4958508	.3615648	.1971565	.2405140	.3764693

#1	965.3735	998.604	51307.82	11712.02	2074.508
#2	965.3858	1004.210	51322.97	11688.27	2086.345
#3	957.1122	1005.391	51140.85	11744.40	2089.341

Sample Name: I5614-18 Acquired: 10/13/2017 17:24:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ467 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0164257	.0147843	.0884614	-.009024	.0037280	200.2977	1.131274
Stddev	.0059796	.0010901	.0023669	.002357	.0013220	.1871	.002194
%RSD	36.40408	7.373322	2.675579	26.12151	35.46154	.0934284	.1939482

#1	.0230494	.0143294	.0867952	-.009505	.0048240	200.0901	1.133581
#2	.0114255	.0139953	.0874184	-.006464	.0041003	200.4534	1.129214
#3	.0148021	.0160282	.0911707	-.011104	.0022598	200.3497	1.131027

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056384	.0128474	18.95008	.1489825	.1084284	.2774274	164.0749
Stddev	.0002123	.0001699	.07539	.0002858	.0007598	.0014143	.7308
%RSD	3.766012	1.322799	.3978167	.1918520	.7006946	.5098044	.4454324

#1	.0053950	.0129065	19.03662	.1488927	.1087681	.2773107	163.6263
#2	.0057344	.0126558	18.91488	.1487524	.1075580	.2760750	164.9182
#3	.0057858	.0129798	18.89872	.1493024	.1089590	.2788964	163.6801

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.175430	26.97751	.1546208	-.009906	2.325410	.4826441	.6029562
Stddev	.027784	.16750	.0006804	.000192	.063655	.0029064	.0024090
%RSD	.6654144	.6208970	.4400599	1.933457	2.737370	.6021892	.3995237

#1	4.159797	26.81208	.1546391	-.010125	2.327956	.4796779	.6030623
#2	4.207509	27.14701	.1552919	-.009823	2.260520	.4827675	.6053104
#3	4.158985	26.97344	.1539314	-.009769	2.387754	.4854869	.6004960

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.292363	-148.173	-.265064	.0055314	2.488469	4.202209	.0372702
Stddev	.013509	.160	.003715	.0004322	.011244	.035538	.0025189
%RSD	.4103056	.1080720	1.401533	7.812843	.4518356	.8457074	6.758531

#1	3.279271	-148.109	-.268860	.0054436	2.477449	4.195980	.0343823
#2	3.306253	-148.355	-.261436	.0060008	2.488035	4.240450	.0390140
#3	3.291564	-148.054	-.264897	.0051499	2.499924	4.170197	.0384144

Sample Name: I5614-18 Acquired: 10/13/2017 17:24:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ467 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	11.28396	.0747937	.3096092
Stddev	.01403	.0002823	.0004221
%RSD	.1243786	.3773824	.1363485

#1	11.26835	.0748925	.3100266
#2	11.29553	.0744753	.3096186
#3	11.28799	.0750133	.3091825

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	947.2470	1001.632	50211.43	11495.51	2233.299
Stddev	8.6389	7.803	303.05	40.83	11.747
%RSD	.9120003	.7790682	.6035419	.3551673	.5259770

#1	946.7459	992.754	50281.27	11498.28	2220.764
#2	938.8695	1004.734	49879.56	11453.37	2235.078
#3	956.1255	1007.406	50473.46	11534.88	2244.054

Sample Name: I5614-19 Acquired: 10/13/2017 17:28:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ482 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0279008	.0135812	.0853549	-.013944	.0116120	132.9830	.6292421
Stddev	.0022413	.0054998	.0043390	.002784	.0030065	.6157	.0007581
%RSD	8.032972	40.49582	5.083498	19.96356	25.89166	.4629925	.1204856

#1	.0253788	.0141986	.0852571	-.014934	.0100442	133.4561	.6301155
#2	.0286587	.0077987	.0897420	-.016096	.0097133	132.2869	.6287543
#3	.0296648	.0187462	.0810656	-.010800	.0150783	133.2061	.6288563

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057566	.0306218	96.24940	.1363658	.1821992	.6918370	338.9220
Stddev	.0000616	.0002703	.23820	.0009764	.0021946	.0029328	1.7635
%RSD	1.070945	.8828629	.2474872	.7160269	1.204500	.4239100	.5203302

#1	.0058050	.0308358	96.51962	.1352944	.1834848	.6951420	340.4869
#2	.0056872	.0303179	96.15875	.1372055	.1834476	.6895452	337.0111
#3	.0057776	.0307115	96.06983	.1365976	.1796652	.6908237	339.2681

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.276589	78.96289	.3390626	-.021904	4.360514	.7108103	.6513594
Stddev	.037855	.50452	.0021754	.000125	.038178	.0052317	.0106388
%RSD	.8851642	.6389375	.6415855	.5705666	.8755369	.7360162	1.633321

#1	4.316366	79.43067	.3401503	-.021985	4.390288	.7108526	.6568455
#2	4.241005	78.42828	.3404797	-.021965	4.373783	.7055576	.6390974
#3	4.272397	79.02972	.3365579	-.021760	4.317472	.7160207	.6581353

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.473313	-314.474	-.545979	.0129209	6.246973	3.735049	.0131730
Stddev	.041132	1.005	.001257	.0001351	.019363	.088797	.0026267
%RSD	.5503818	.3195927	.2302264	1.045180	.3099552	2.377403	19.94005

#1	7.511482	-314.405	-.547405	.0128182	6.256523	3.802699	.0106777
#2	7.429750	-315.512	-.545034	.0130738	6.224691	3.767951	.0129274
#3	7.478706	-313.506	-.545496	.0128706	6.259706	3.634497	.0159139

Sample Name: I5614-19 Acquired: 10/13/2017 17:28:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ482 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	12.76221	.1028002	.3162142
Stddev	.04683	.0005595	.0008276
%RSD	.3669098	.5442640	.2617039

#1	12.81216	.1031648	.3171522
#2	12.71931	.1021560	.3159033
#3	12.75517	.1030799	.3155872

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	928.5570	978.5787	49616.47	11367.06	2104.679
Stddev	9.0523	7.2059	259.84	84.53	9.450
%RSD	.9748792	.7363655	.5236889	.7436644	.4489799

#1	920.9006	970.4028	49346.73	11269.59	2093.974
#2	938.5479	981.3279	49865.12	11420.24	2108.200
#3	926.2225	984.0052	49637.55	11411.36	2111.862

Sample Name: I5614-20 Acquired: 10/13/2017 17:32:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ483 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014958	.0242523	.0405876	-.012830	.0083935	246.4464	1.026858
Stddev	.0007434	.0045700	.0029951	.001632	.0014208	.3560	.001060
%RSD	49.69977	18.84373	7.379395	12.72326	16.92771	.1444436	.1032647

#1	.0021204	.0243503	.0436188	-.014257	.0095138	246.5354	1.026959
#2	.0016933	.0287725	.0405140	-.013182	.0088714	246.7494	1.027865
#3	.0006735	.0196340	.0376299	-.011050	.0067954	246.0543	1.025751

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080388	.0271188	29.08031	.3406692	.2293939	.5670349	300.4420
Stddev	.0001878	.0002166	.12693	.0016135	.0002069	.0031549	1.4871
%RSD	2.336027	.7986538	.4364669	.4736116	.0901844	.5563869	.4949702

#1	.0078325	.0269273	28.94893	.3419713	.2291579	.5693946	302.1577
#2	.0081998	.0270753	29.20226	.3388642	.2294800	.5682587	299.5223
#3	.0080840	.0273539	29.08972	.3411722	.2295438	.5634514	299.6461

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.780107	52.14669	.3339878	-.018647	3.304319	1.071770	.4888061
Stddev	.013699	.25988	.0006394	.000366	.079354	.001759	.0126790
%RSD	.2865850	.4983584	.1914374	1.962614	2.401538	.1641207	2.593873

#1	4.794719	52.44321	.3332604	-.018269	3.379543	1.069912	.5032380
#2	4.767553	52.03832	.3344608	-.018671	3.221396	1.073410	.4794577
#3	4.778050	51.95853	.3342421	-.019000	3.312020	1.071988	.4837227

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.798062	-216.913	-.473946	-.002111	1.329750	2.185128	.0145111
Stddev	.028604	.997	.001011	.000595	.012263	.030110	.0011616
%RSD	.3251117	.4598422	.2132989	28.18056	.9221694	1.377932	8.004830

#1	8.774877	-216.259	-.475109	-.001613	1.324845	2.198025	.0133313
#2	8.789283	-218.061	-.473452	-.002770	1.320700	2.150718	.0145483
#3	8.830026	-216.419	-.473278	-.001949	1.343706	2.206641	.0156536

Sample Name: I5614-20 Acquired: 10/13/2017 17:32:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ483 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	16.56909	.0901023	.2557142
Stddev	.02986	.0005417	.0004238
%RSD	.1802364	.6011717	.1657502

#1	16.59484	.0897777	.2561795
#2	16.57609	.0907276	.2556132
#3	16.53636	.0898017	.2553501

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1027.962	1062.448	53400.42	12258.54	2134.112
Stddev	5.700	7.927	78.42	42.22	9.747
%RSD	.5544653	.7461151	.1468506	.3444176	.4567281

#1	1030.546	1071.034	53454.75	12210.12	2145.018
#2	1031.912	1060.903	53435.98	12277.86	2131.066
#3	1021.428	1055.407	53310.52	12287.65	2126.251

Sample Name: I5614-21 Acquired: 10/13/2017 17:36:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ4B7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000355	.0373658	.0502401	-.020059	.0093346	305.8888	1.179246
Stddev	.002640	.0032563	.0043682	.006033	.0012597	1.0256	.003007
%RSD	744.2826	8.714570	8.694652	30.07725	13.49489	.3352930	.2549971

#1	.002322	.0337329	.0523691	-.014514	.0086680	306.9230	1.180623
#2	-.000429	.0400217	.0531357	-.019179	.0085484	304.8720	1.175797
#3	-.002957	.0383428	.0452156	-.026483	.0107876	305.8715	1.181319

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097628	.0362403	41.69670	.3294191	.2539199	1.414156	372.6435
Stddev	.0000723	.0002374	.14450	.0021054	.0008185	.006928	1.2021
%RSD	.7403187	.6550753	.3465414	.6391093	.3223621	.4898864	.3225749

#1	.0096906	.0360004	41.53647	.3279453	.2546070	1.420689	373.9460
#2	.0097626	.0362455	41.73652	.3284818	.2530143	1.406891	371.5769
#3	.0098351	.0364751	41.81711	.3318304	.2541384	1.414888	372.4075

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.775113	61.00935	.4016103	-.023013	3.250640	1.322710	.6180343
Stddev	.014119	.29543	.0021020	.000541	.052544	.011873	.0162418
%RSD	.5087542	.4842366	.5233925	2.350477	1.616421	.8976355	2.627975

#1	2.785860	61.29883	.4039492	-.022771	3.237285	1.334378	.6319461
#2	2.759123	60.70831	.3998793	-.022636	3.308572	1.310642	.6219706
#3	2.780355	61.02090	.4010024	-.023633	3.206061	1.323111	.6001861

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.298768	-319.877	-.594431	-.004828	3.498795	6.512857	.0209320
Stddev	.026561	1.899	.004921	.000414	.018247	.037227	.0020570
%RSD	.8051824	.5938031	.8278301	8.570323	.5215106	.5715961	9.826855

#1	3.312132	-319.322	-.589485	-.004718	3.484183	6.522533	.0203314
#2	3.268179	-318.316	-.594484	-.004480	3.492955	6.471747	.0232224
#3	3.315993	-321.992	-.599326	-.005285	3.519247	6.544291	.0192422

Sample Name: I5614-21 Acquired: 10/13/2017 17:36:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ4B7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	21.26491	.1018125	.2937047
Stddev	.04734	.0005610	.0005915
%RSD	.2226080	.5509800	.2013930

#1	21.31875	.1021947	.2939504
#2	21.22981	.1011685	.2930300
#3	21.24617	.1020745	.2941338

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	994.8620	1048.542	52449.44	12106.41	2065.281
Stddev	14.8408	2.006	456.42	37.10	8.234
%RSD	1.491740	.1913121	.8702005	.3064747	.3986804

#1	981.8681	1047.246	52011.51	12098.23	2057.400
#2	991.6833	1050.852	52414.49	12146.92	2073.827
#3	1011.035	1047.527	52922.33	12074.08	2064.615

Sample Name: I5614-22 Acquired: 10/13/2017 17:40:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ4B8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001917	.0296053	.0347852	-.023301	.0084471	298.1051	1.271334
Stddev	.011214	.0113156	.0021845	.001383	.0016501	.4322	.000868
%RSD	585.0469	38.22154	6.279914	5.934526	19.53421	.1449850	.0682353

#1	-.012533	.0320286	.0324632	-.022120	.0077473	297.7517	1.272329
#2	.009811	.0395130	.0367995	-.022960	.0103318	298.5870	1.270936
#3	-.003028	.0172744	.0350931	-.024822	.0072623	297.9767	1.270737

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099495	.0367627	17.26738	.3599913	.2789637	.7879939	414.5097
Stddev	.0000870	.0006094	.16175	.0028644	.0026109	.0017204	.4206
%RSD	.8740311	1.657743	.9367346	.7956921	.9359418	.2183223	.1014630

#1	.0098852	.0363927	17.35251	.3592374	.2771638	.7860714	414.9499
#2	.0100484	.0374660	17.36879	.3575793	.2819582	.7893885	414.1119
#3	.0099148	.0364292	17.08085	.3631573	.2777691	.7885217	414.4672

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.638204	70.46830	.3918630	-.023958	3.389215	1.135692	.5132596
Stddev	.005355	.19462	.0022648	.000586	.022875	.004764	.0034854
%RSD	.1471785	.2761842	.5779457	2.444055	.6749306	.4194833	.6790784

#1	3.643685	70.33230	.3915211	-.024249	3.408293	1.140274	.5151168
#2	3.632985	70.38135	.3942792	-.023284	3.395495	1.136037	.5092389
#3	3.637942	70.69123	.3897886	-.024341	3.363855	1.130764	.5154232

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.591451	-266.001	-.675632	-.004297	1.202831	6.872021	.0167557
Stddev	.025265	1.947	.002955	.000596	.003710	.104288	.0015661
%RSD	.9749205	.7319526	.4374245	13.86662	.3084582	1.517569	9.346402

#1	2.580825	-265.081	-.672395	-.003735	1.199997	6.844119	.0181122
#2	2.620293	-264.685	-.678186	-.004922	1.207030	6.784523	.0150419
#3	2.573235	-268.238	-.676315	-.004234	1.201464	6.987422	.0171130

Sample Name: I5614-22 Acquired: 10/13/2017 17:40:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ4B8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	19.57922	.1048038	.2672891
Stddev	.00525	.0007714	.0003968
%RSD	.0268279	.7360267	.1484638

#1	19.58520	.1039343	.2676516
#2	19.57710	.1054059	.2668652
#3	19.57536	.1050712	.2673505

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	978.6343	1013.854	51386.38	11734.09	2087.796
Stddev	14.1948	5.416	285.77	12.90	8.443
%RSD	1.450469	.5342244	.5561164	.1099481	.4043985

#1	963.8473	1018.036	51097.58	11737.64	2097.537
#2	979.9040	1015.791	51392.55	11744.85	2082.599
#3	992.1516	1007.736	51669.02	11719.79	2083.251

Sample Name: I5614-02LX5 Acquired: 10/13/2017 17:44:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ460L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031267	.0072622	.0098873	-.001397	.0006742	44.69753	.2245784
Stddev	.0020070	.0016820	.0025365	.005388	.0009534	.26209	.0015212
%RSD	64.19066	23.16083	25.65397	385.6489	141.4197	.5863595	.6773459

#1	.0010433	.0080249	.0123305	.004633	-.000296	44.80435	.2237079
#2	.0032892	.0053340	.0072668	-.003084	.000708	44.88933	.2263349
#3	.0050475	.0084277	.0100646	-.005740	.001610	44.39890	.2236925

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017385	.0042607	7.124067	.0641813	.0353162	.0996917	62.77063
Stddev	.0000728	.0003114	.065851	.0008982	.0002698	.0001040	.26436
%RSD	4.190585	7.307526	.9243461	1.399421	.7639741	.1042923	.4211471

#1	.0016724	.0046166	7.063219	.0635346	.0354462	.0996606	63.05684
#2	.0018166	.0040382	7.115000	.0638024	.0350060	.0996068	62.71943
#3	.0017266	.0041275	7.193981	.0652068	.0354964	.0998076	62.53562

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3688704	9.424555	.0540499	-.003848	.5857630	.1962430	.1044686
Stddev	.0020596	.087429	.0005151	.000141	.0419853	.0006431	.0031961
%RSD	.5583516	.9276732	.9530857	3.666038	7.167627	.3276995	3.059402

#1	.3708028	9.514703	.0538561	-.003800	.5885423	.1962124	.1008510
#2	.3667036	9.418836	.0536598	-.004006	.6262896	.1969009	.1056449
#3	.3691048	9.340125	.0546338	-.003737	.5424571	.1956158	.1069099

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9376688	-33.2434	-.105782	-.000509	.1642647	.6604820	.0028412
Stddev	.0157972	.1062	.000723	.000436	.0022385	.0377859	.0015011
%RSD	1.684736	.3194415	.6834001	85.58819	1.362721	5.720953	52.83255

#1	.9308149	-33.3595	-.106597	-.000878	.1651944	.6413189	.0035488
#2	.9557355	-33.2198	-.105528	-.000620	.1617112	.7040099	.0038576
#3	.9264561	-33.1511	-.105220	-.000029	.1658885	.6361173	.0011171

Sample Name: I5614-02LX5 Acquired: 10/13/2017 17:44:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ460L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.712516	.0150869	.0811245
Stddev	.012800	.0001544	.0004425
%RSD	.3447891	1.023232	.5454032

#1	3.725560	.0149449	.0811978
#2	3.712014	.0152512	.0815257
#3	3.699974	.0150646	.0806500

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	954.7543	1000.625	50311.64	11202.29	2505.909
Stddev	8.3586	4.660	216.54	82.26	10.406
%RSD	.8754752	.4656832	.4303924	.7342894	.4152568

#1	946.8000	996.785	50109.78	11135.72	2494.111
#2	953.9972	999.282	50540.35	11176.89	2513.781
#3	963.4658	1005.809	50284.79	11294.25	2509.835

Sample Name: CCV056 Acquired: 10/13/2017 17:48:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV056 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.910871	5.298571	25.34834	4.798240	4.968549	389.7097
Stddev	.052884	.038863	.13299	.047248	.040743	2.8794
%RSD	1.076871	.7334589	.5246605	.9846989	.8200155	.7388459

#1	4.959142	5.324851	25.48751	4.852312	5.014920	392.7350
#2	4.919126	5.316933	25.33497	4.777493	4.952234	389.3915
#3	4.854345	5.253930	25.22254	4.764914	4.938492	387.0027

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.17839	.5170258	2.501341	394.4116	14.98791	2.476533
Stddev	.04199	.0018646	.014407	2.8213	.05626	.010801
%RSD	.4125661	.3606475	.5759775	.7153294	.3753881	.4361529

#1	10.14285	.5190433	2.513830	391.6531	15.04934	2.487919
#2	10.22473	.5153657	2.504614	394.2899	14.93889	2.475248
#3	10.16759	.5166684	2.485579	397.2919	14.97551	2.466431

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.67917	389.4881	14.99759	392.3144	2.430517	1.317429
Stddev	.16428	1.3673	.07787	.5030	.015685	.004352
%RSD	1.047765	.3510603	.5192389	.1282193	.6453210	.3303525

#1	15.82767	388.5428	14.93728	392.8264	2.444985	1.317509
#2	15.70716	388.8656	14.96999	391.8209	2.432717	1.321741
#3	15.50270	391.0559	15.08550	392.2959	2.413848	1.313038

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	391.2726	2.503360	15.59160	156.8338	F 4.165588	4.508907
Stddev	2.2575	.005003	.19824	1.8732	.452800	.027501
%RSD	.5769574	.1998385	1.271485	1.194411	10.87002	.6099368

#1	393.7516	2.505153	15.36270	158.8858	4.458080	4.540663
#2	390.7313	2.497708	15.70481	156.4002	4.394661	4.493116
#3	389.3350	2.507219	15.70731	155.2153	3.644023	4.492942

Sample Name: CCV056 Acquired: 10/13/2017 17:48:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV056 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.900166	4.855963	5.036437	4.841902	5.030724	5.191329
Stddev	.032815	.042358	.020014	.025181	.011467	.074094
%RSD	.6696680	.8722885	.3973878	.5200598	.2279365	1.427262

#1	4.937657	4.881982	5.058508	4.862593	5.040934	5.265258
#2	4.886179	4.878820	5.019467	4.849249	5.018318	5.191658
#3	4.876663	4.807086	5.031337	4.813865	5.032920	5.117072

Elem	Sr4077
Units	ppm
Avg	5.113342
Stddev	.026389
%RSD	.5160761

#1	5.095365
#2	5.101025
#3	5.143638

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	764.2641	803.1408	40640.44	9923.720	1723.361
Stddev	5.4475	4.6683	92.91	24.400	4.574
%RSD	.7127779	.5812598	.2286134	.2458739	.2654046

#1	770.0150	799.3275	40643.57	9896.208	1718.331
#2	759.1816	808.3471	40546.01	9932.218	1727.272
#3	763.5956	801.7479	40731.75	9942.735	1724.479

Sample Name: CCB056 Acquired: 10/13/2017 17:52:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB056 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025959	.0010858	.0020437	-.002993	-.001096	.0014073
Stddev	.0032080	.0003871	.0030033	.001949	.001200	.0012134
%RSD	123.5776	35.65088	146.9536	65.10559	109.4574	86.21970

#1	.0046603	.0009274	.0011338	-.002439	-.000128	.0027530
#2	.0042273	.0008030	.0053968	-.001382	-.002438	.0010727
#3	-.001100	.0015269	-.000399	-.005159	-.000722	.0003964

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000532	.0000151	.0000580	-.003924	-.000413	.0002405
Stddev	.000194	.0000337	.0000811	.004033	.000335	.0001287
%RSD	36.43877	222.4029	139.8932	102.7726	81.12617	53.51942

#1	-.000345	.0000513	-.000034	-.001784	-.000480	.0001007
#2	-.000732	.0000093	.000090	-.001412	-.000050	.0003540
#3	-.000518	-.000015	.000118	-.008575	-.000710	.0002667

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000332	.0102033	.0002446	.0181582	.0000407	.0000219
Stddev	.000276	.0068124	.0001794	.0065236	.0002609	.0001836
%RSD	83.26450	66.76686	73.32550	35.92682	641.4754	838.6811

#1	-.000321	.0168743	.0000928	.0107872	.0000598	.0001654
#2	-.000061	.0032578	.0001985	.0231889	.0002915	.0000852
#3	-.000613	.0104778	.0004425	.0204984	-.000229	-.000185

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.012357	-.000475	-.000668	-.104305	F -.093964	.0046533
Stddev	.042572	.000554	.003413	.008777	.090119	.0010731
%RSD	344.5149	116.5922	510.4953	8.414302	95.90860	23.06187

#1	.027163	-.000364	.001438	-.097810	-.137953	.0058503
#2	-.006799	-.001076	-.004606	-.100815	.009702	.0037773
#3	-.057435	.000015	.001163	-.114289	-.153640	.0043323

Sample Name: CCB056 Acquired: 10/13/2017 17:52:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB056 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000800	-.016249	-.000383	-.001386	.0000559	-.000384
Stddev	.0003344	.003420	.000392	.000520	.0003388	.000151
%RSD	417.9726	21.05105	102.4791	37.54328	606.5206	39.22938

#1	.0004565	-.013714	-.000439	-.001921	-.000291	-.000518
#2	-.000034	-.020139	-.000744	-.001355	.000386	-.000221
#3	-.000182	-.014893	.000035	-.000882	.000073	-.000413

Elem	Sr4077
Units	ppm
Avg	-.000031
Stddev	.000009
%RSD	28.35576

#1	-.000023
#2	-.000040
#3	-.000029

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1014.140	1057.371	52354.36	11437.98	2834.990
Stddev	7.492	2.433	121.62	57.37	5.192
%RSD	.7387221	.2301010	.2323087	.5015776	.1831306

#1	1009.780	1059.706	52237.08	11374.13	2839.152
#2	1009.849	1057.556	52346.10	11454.65	2836.646
#3	1022.791	1054.850	52479.90	11485.18	2829.172

Sample Name: I5595-01 Acquired: 10/13/2017 17:56:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C28 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0494798	.0071932	.4220479	-.008819	.0018784	91.56470	.2773097
Stddev	.0031344	.0049187	.0047126	.003087	.0018672	.19353	.0000703
%RSD	6.334635	68.38005	1.116594	34.99910	99.40346	.2113620	.0253375

#1	.0459497	.0128088	.4179123	-.012383	.0001705	91.44759	.2772377
#2	.0519361	.0051226	.4210528	-.007006	.0038720	91.45842	.2773132
#3	.0505536	.0036483	.4271785	-.007069	.0015927	91.78808	.2773781

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034281	.0091274	6.451288	.1243644	.0198337	.0963419	135.7090
Stddev	.0000519	.0001921	.061253	.0006380	.0004577	.0012151	.2472
%RSD	1.512505	2.104505	.9494732	.5130116	2.307901	1.261268	.1821883

#1	.0033682	.0091089	6.499002	.1248548	.0197669	.0950052	135.9601
#2	.0034580	.0089452	6.472648	.1245954	.0194130	.0973796	135.7013
#3	.0034581	.0093280	6.382215	.1236431	.0203211	.0966410	135.4657

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3808985	3.097011	.0404032	-.007599	.9171096	.2445877	.2445065
Stddev	.0009007	.018044	.0004356	.000309	.0364519	.0010356	.0181227
%RSD	.2364745	.5826321	1.078218	4.065920	3.974655	.4234093	7.411951

#1	.3807228	3.109262	.0400162	-.007395	.9334990	.2456482	.2552426
#2	.3800985	3.076290	.0408750	-.007446	.8753398	.2435789	.2546943
#3	.3818741	3.105480	.0403184	-.007954	.9424899	.2445362	.2235826

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.181369	-55.2010	-.210210	.0035374	.2172032	5.249487	.0139524
Stddev	.024130	.0961	.001147	.0003891	.0068677	.077131	.0018581
%RSD	1.106199	.1740959	.5454467	11.00039	3.161870	1.469306	13.31734

#1	2.172221	-55.1041	-.211496	.0034280	.2237097	5.213168	.0126336
#2	2.163150	-55.2963	-.209295	.0032147	.2100239	5.197220	.0131461
#3	2.208735	-55.2026	-.209838	.0039695	.2178759	5.338073	.0160774

Sample Name: I5595-01 Acquired: 10/13/2017 17:56:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C28 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.110326	.0341066	.0708759
Stddev	.001465	.0002489	.0002617
%RSD	.1319498	.7297912	.3692069

#1	1.110634	.0340424	.0711104
#2	1.111612	.0338962	.0705936
#3	1.108731	.0343814	.0709237

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	970.5587	1002.498	49545.41	11235.37	2420.905
Stddev	6.1870	8.529	202.45	44.49	16.684
%RSD	.6374683	.8507695	.4086118	.3959452	.6891807

#1	964.8632	997.424	49396.49	11219.60	2421.108
#2	977.1414	1012.345	49775.92	11285.60	2437.487
#3	969.6713	997.726	49463.82	11200.93	2404.120

Sample Name: I5595-02 Acquired: 10/13/2017 18:00:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C29 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0713731	.0043251	1.631375	-.003815	-.000287	69.24705	.6400981
Stddev	.0031690	.0044695	.008382	.001522	.000741	.45096	.0049811
%RSD	4.440094	103.3391	.5138052	39.89071	257.7295	.6512383	.7781814

#1	.0686635	.0094597	1.634369	-.002633	.000032	69.76336	.6449900
#2	.0748578	.0022089	1.637849	-.003280	.000240	69.04750	.6402720
#3	.0705981	.0013067	1.621907	-.005532	-.001135	68.93028	.6350323

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025163	.0052531	9.219077	.0710947	.0147309	.9286828	62.53725
Stddev	.0000640	.0002884	.051620	.0004424	.0001620	.0086810	.43579
%RSD	2.542764	5.489247	.5599303	.6222110	1.099651	.9347694	.6968539

#1	.0024963	.0052956	9.275488	.0709793	.0148877	.9377292	62.95923
#2	.0024648	.0055179	9.174197	.0715833	.0147407	.9278990	62.08885
#3	.0025879	.0049459	9.207545	.0707214	.0145642	.9204203	62.56367

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.061466	2.426620	.0359118	-.003027	.5995009	.1375409	.8670761
Stddev	.008475	.013882	.0002580	.000013	.0846020	.0027274	.0144387
%RSD	.7983905	.5720565	.7184982	.4289816	14.11208	1.982979	1.665215

#1	1.070867	2.428089	.0356763	-.003041	.5105827	.1397949	.8597008
#2	1.054413	2.439709	.0358716	-.003016	.6789981	.1383186	.8578145
#3	1.059118	2.412063	.0361876	-.003023	.6089220	.1345091	.8837128

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.398902	-132.773	-.094426	.0022634	.5313219	7.211110	.0319918
Stddev	.041844	1.130	.000294	.0001115	.0053974	.160133	.0019143
%RSD	1.744304	.8508803	.3116787	4.925213	1.015844	2.220639	5.983723

#1	2.435938	-133.904	-.094154	.0022079	.5263063	7.293675	.0325893
#2	2.407258	-132.772	-.094738	.0023917	.5306258	7.313111	.0298500
#3	2.353511	-131.644	-.094387	.0021905	.5370336	7.026546	.0335361

Sample Name: I5595-02 Acquired: 10/13/2017 18:00:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C29 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5171482	.0578035	.1406772
Stddev	.0159400	.0003630	.0008240
%RSD	3.082278	.6279107	.5857499

#1	.5337932	.0581384	.1415758
#2	.5156294	.0578543	.1404989
#3	.5020220	.0574178	.1399570

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	913.5479	956.7471	48192.26	10878.55	2411.876
Stddev	.8402	3.4592	106.62	86.85	3.934
%RSD	.0919665	.3615623	.2212366	.7983342	.1631258

#1	913.7201	953.0790	48096.81	10782.18	2407.371
#2	912.6349	959.9506	48172.63	10902.72	2414.638
#3	914.2886	957.2116	48307.32	10950.75	2413.619

Sample Name: I5595-03 Acquired: 10/13/2017 18:04:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0522786	.0061275	2.182930	-.005358	.0004779	49.35431	.4257208
Stddev	.0042195	.0016814	.005923	.003107	.0001384	.80033	.0069466
%RSD	8.071155	27.44057	.2713114	57.98799	28.95182	1.621606	1.631737

#1	.0542111	.0065729	2.178313	-.008277	.0004516	49.21102	.4250270
#2	.0551857	.0042682	2.189608	-.002093	.0003546	50.21661	.4329883
#3	.0474389	.0075413	2.180870	-.005703	.0006275	48.63530	.4191471

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021893	.0045908	8.488456	.0586000	.0117120	.1393033	54.04243
Stddev	.0000684	.0001083	.198940	.0010245	.0001404	.0022797	.85172
%RSD	3.125043	2.359725	2.343648	1.748367	1.198463	1.636473	1.576027

#1	.0021472	.0047159	8.590803	.0583675	.0115620	.1380408	54.04359
#2	.0022682	.0045309	8.615386	.0597208	.0117340	.1419349	54.89357
#3	.0021525	.0045257	8.259179	.0577117	.0118401	.1379342	53.19013

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8324486	2.364015	.0279639	-.002269	.7115028	.1043969	.5183951
Stddev	.0115142	.064887	.0007622	.000397	.0633630	.0023720	.0102121
%RSD	1.383167	2.744764	2.725729	17.48815	8.905517	2.272067	1.969944

#1	.8353714	2.322722	.0273576	-.002319	.7709463	.1026547	.5257577
#2	.8422196	2.438804	.0277146	-.001849	.7187233	.1070982	.5067369
#3	.8197547	2.330518	.0288196	-.002638	.6448389	.1034378	.5226907

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.812490	-90.6143	-.086396	.0017576	.4518032	5.175627	.0554905
Stddev	.022546	.0416	.000953	.0003981	.0056929	.040667	.0025089
%RSD	1.243904	.0459235	1.102639	22.64756	1.260032	.7857353	4.521382

#1	1.790008	-90.6408	-.085366	.0021699	.4556727	5.128676	.0528289
#2	1.835099	-90.6358	-.087245	.0017275	.4544704	5.199761	.0578121
#3	1.812363	-90.5663	-.086578	.0013755	.4452664	5.198446	.0558306

Sample Name: I5595-03 Acquired: 10/13/2017 18:04:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0C30 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4869696	.0403177	.0969689
Stddev	.0110416	.0007960	.0014784
%RSD	2.267414	1.974358	1.524596

#1	.4804489	.0398856	.0970281
#2	.4997183	.0412363	.0984168
#3	.4807418	.0398312	.0954618

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	954.3025	988.8587	49626.07	11123.08	2507.986
Stddev	7.1665	2.8148	255.34	141.08	4.647
%RSD	.7509653	.2846491	.5145350	1.268322	.1852745

#1	946.0579	985.6088	49331.59	11132.87	2506.287
#2	959.0401	990.5235	49760.70	10977.37	2504.428
#3	957.8094	990.4438	49785.93	11259.01	2513.243

Sample Name: I5595-04 Acquired: 10/13/2017 18:09:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C31 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0837685	.0040042	1.167586	-.001320	.0010886	40.47647	.5344211
Stddev	.0022900	.0018318	.003709	.003840	.0007673	.24576	.0036990
%RSD	2.733705	45.74547	.3176414	290.9715	70.48734	.6071646	.6921441

#1	.0855641	.0025539	1.171203	-.005753	.0018920	40.66099	.5370994
#2	.0811897	.0033961	1.163792	.000913	.0003635	40.57092	.5359634
#3	.0845518	.0060627	1.167763	.000882	.0010102	40.19750	.5302006

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028863	.0083512	11.81510	.0639679	.0201916	.1617914	80.44848
Stddev	.0000842	.0000615	.12182	.0005518	.0002678	.0017207	.09380
%RSD	2.916869	.7359539	1.031077	.8625979	1.326416	1.063507	.1166022

#1	.0028275	.0084198	11.81621	.0644726	.0200596	.1621470	80.36201
#2	.0029828	.0083011	11.69272	.0640523	.0200155	.1633065	80.43523
#3	.0028486	.0083327	11.93636	.0633788	.0204998	.1599208	80.54821

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6175858	3.737093	.0422233	-.004839	.6242190	.1594089	1.268475
Stddev	.0031777	.062192	.0005948	.000230	.0496554	.0028886	.011340
%RSD	.5145313	1.664192	1.408760	4.746427	7.954801	1.812075	.8939976

#1	.6143200	3.807031	.0428655	-.004687	.6764870	.1627440	1.265265
#2	.6177700	3.688002	.0421132	-.004728	.5776718	.1577833	1.259085
#3	.6206673	3.716245	.0416913	-.005103	.6184983	.1576993	1.281074

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.794599	-139.943	-.129243	.0035781	1.947576	3.979328	.0279325
Stddev	.028438	.533	.001472	.0003836	.007326	.057572	.0015307
%RSD	1.584636	.3808178	1.139086	10.72127	.3761610	1.446766	5.480142

#1	1.822140	-140.472	-.130217	.0039935	1.940599	3.982196	.0296244
#2	1.796316	-139.952	-.129963	.0035038	1.946921	4.035411	.0275297
#3	1.765342	-139.406	-.127550	.0032371	1.955207	3.920375	.0266434

Sample Name: I5595-04 Acquired: 10/13/2017 18:09:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C31 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8339824	.0283932	.1288237
Stddev	.0030158	.0006966	.0003906
%RSD	.3616078	2.453498	.3032323

#1	.8374646	.0290573	.1291067
#2	.8322670	.0284542	.1289864
#3	.8322157	.0276680	.1283780

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	921.6859	971.8325	49151.94	11018.78	2472.863
Stddev	3.6476	4.3972	122.27	66.41	8.385
%RSD	.3957541	.4524629	.2487627	.6027186	.3390726

#1	923.4658	967.5272	49104.40	10988.15	2463.769
#2	917.4900	976.3162	49060.58	10973.22	2480.286
#3	924.1018	971.6542	49290.84	11094.98	2474.535

Sample Name: I5595-05 Acquired: 10/13/2017 18:13:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C32 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0636378	.0024527	.2779241	-.000536	.0016881	36.30136	.2109192
Stddev	.0012161	.0025253	.0025364	.002330	.0007262	.04542	.0002305
%RSD	1.910962	102.9590	.9126238	434.5855	43.02181	.1251278	.1092979

#1	.0622583	.0049639	.2787066	-.001519	.0010266	36.27003	.2111120
#2	.0641007	.0024806	.2750886	.002124	.0024652	36.35345	.2106638
#3	.0645545	-.000086	.2799770	-.002213	.0015724	36.28059	.2109818

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017583	.0039443	2.867450	.0517936	.0100670	.0586222	55.03265
Stddev	.0000085	.0001672	.040540	.0006594	.0002697	.0011809	.20119
%RSD	.4833619	4.239265	1.413808	1.273184	2.679245	2.014469	.3655920

#1	.0017547	.0038149	2.870782	.0512577	.0099127	.0575044	54.83737
#2	.0017523	.0038849	2.906222	.0525300	.0103784	.0585048	55.23928
#3	.0017681	.0041331	2.825347	.0515931	.0099098	.0598575	55.02131

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2265089	1.643564	.0220041	-.003132	.4809738	.1014278	.2540670
Stddev	.0016000	.017945	.0005753	.000570	.0403280	.0023364	.0049904
%RSD	.7063619	1.091848	2.614622	18.19188	8.384662	2.303525	1.964188

#1	.2273933	1.663367	.0214311	-.003220	.4834299	.0988395	.2534198
#2	.2274715	1.638948	.0219994	-.003653	.5200177	.1020628	.2593493
#3	.2246620	1.628378	.0225817	-.002524	.4394739	.1033811	.2494318

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9807759	-40.9095	-.088833	.0014302	.2672124	8.101156	.0131108
Stddev	.0197925	.1712	.000377	.0001919	.0038156	.158996	.0004220
%RSD	2.018042	.4186058	.4241317	13.41425	1.427943	1.962631	3.219117

#1	1.002318	-40.9939	-.088915	.0012134	.2715822	8.255741	.0126306
#2	.963395	-40.7124	-.088423	.0015781	.2645398	7.938089	.0132791
#3	.976615	-41.0221	-.089163	.0014991	.2655151	8.109637	.0134228

Sample Name: I5595-05 Acquired: 10/13/2017 18:13:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C32 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5824048	.0196619	.0281555
Stddev	.0032089	.0002865	.0004654
%RSD	.5509690	1.457240	1.652918

#1	.5798323	.0193599	.0286892
#2	.5813815	.0196959	.0278343
#3	.5860005	.0199299	.0279431

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	981.5957	1028.383	50798.83	11268.11	2616.496
Stddev	4.5607	1.712	147.28	34.13	2.775
%RSD	.4646220	.1664767	.2899345	.3028891	.1060671

#1	977.4900	1028.081	50789.82	11229.04	2613.637
#2	980.7923	1026.841	50656.26	11283.22	2616.672
#3	986.5047	1030.225	50950.41	11292.08	2619.179

Sample Name: I5595-06 Acquired: 10/13/2017 18:17:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C33 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1399117	.0043258	.9895103	-.004192	.0021019	68.86293	.4623456
Stddev	.0044722	.0019744	.0028769	.001349	.0009565	.26357	.0001371
%RSD	3.196463	45.64287	.2907359	32.18023	45.50885	.3827447	.0296463

#1	.1365788	.0064394	.9873052	-.003291	.0030388	68.89544	.4625007
#2	.1449943	.0025288	.9884612	-.003541	.0011268	68.58461	.4622953
#3	.1381621	.0040094	.9927644	-.005742	.0021401	69.10873	.4622408

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026337	.0068797	5.825814	.0870044	.0178463	.1114528	87.19188
Stddev	.0001370	.0000358	.060853	.0006356	.0001448	.0011068	.28072
%RSD	5.201606	.5201764	1.044541	.7305642	.8111359	.9930632	.3219546

#1	.0025152	.0068821	5.789061	.0868493	.0180046	.1110930	87.21347
#2	.0027837	.0068428	5.792325	.0877032	.0177206	.1105707	86.90099
#3	.0026023	.0069143	5.896056	.0864607	.0178138	.1126948	87.46118

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5030282	4.164188	.0379772	-.004711	.5366868	.1601659	.5816835
Stddev	.0012409	.035747	.0008872	.000387	.0506851	.0030682	.0064375
%RSD	.2466792	.8584462	2.336115	8.221315	9.444070	1.915656	1.106707

#1	.5023408	4.153493	.0388475	-.004450	.5878362	.1569578	.5801543
#2	.5022831	4.135008	.0370740	-.005156	.4864792	.1604682	.5761482
#3	.5044606	4.204062	.0380101	-.004527	.5357449	.1630719	.5887479

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.577993	-54.6504	-.137889	.0019837	.3085323	6.825547	.0291689
Stddev	.002410	.5200	.000660	.0003251	.0055764	.030710	.0016626
%RSD	.1527405	.9514754	.4787482	16.38778	1.807410	.4499315	5.699923

#1	1.577273	-55.0666	-.137538	.0023269	.3039979	6.852871	.0303509
#2	1.576024	-54.0675	-.137479	.0019439	.3147588	6.792310	.0272677
#3	1.580681	-54.8171	-.138651	.0016804	.3068401	6.831460	.0298879

Sample Name: I5595-06 Acquired: 10/13/2017 18:17:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C33 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8441692	.0285193	.0560758
Stddev	.0106265	.0003416	.0002469
%RSD	1.258813	1.197681	.4402232

#1	.8320471	.0288490	.0560770
#2	.8518780	.0281670	.0558283
#3	.8485824	.0285420	.0563220

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	974.8422	1012.016	49978.04	11091.67	2491.625
Stddev	10.7022	10.368	329.48	66.32	17.874
%RSD	1.097839	1.024493	.6592554	.5979136	.7173712

#1	970.6673	1011.909	49717.33	11063.31	2491.232
#2	987.0026	1022.438	50348.36	11167.46	2509.693
#3	966.8566	1001.702	49868.43	11044.25	2473.951

Sample Name: I5595-07 Acquired: 10/13/2017 18:21:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C34 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0925596	.0063446	1.053030	-.000093	.0028862	61.01142	.2960388
Stddev	.0015490	.0022047	.004977	.002558	.0004447	.16333	.0006641
%RSD	1.673484	34.74985	.4726021	2758.554	15.40728	.2677084	.2243384

#1	.0935241	.0059220	1.056904	.001188	.0024323	61.17842	.2960110
#2	.0933819	.0043817	1.054769	-.003038	.0029052	60.85202	.2953890
#3	.0907729	.0087300	1.047417	.001571	.0033210	61.00382	.2967164

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023657	.0057451	3.715363	.0895283	.0189279	.1078389	83.11441
Stddev	.0000942	.0001256	.009479	.0000850	.0005947	.0017843	.16993
%RSD	3.981510	2.186842	.2551294	.0949294	3.141991	1.654575	.2044536

#1	.0023982	.0057072	3.722817	.0894381	.0191172	.1057995	83.26714
#2	.0022596	.0056428	3.718576	.0896069	.0182615	.1086048	82.93136
#3	.0024393	.0058854	3.704694	.0895398	.0194048	.1091123	83.14473

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4023733	1.735104	.0321177	-.004577	.6846996	.1524739	.4612142
Stddev	.0016080	.020137	.0003164	.000418	.0309465	.0013044	.0070070
%RSD	.3996234	1.160554	.9851411	9.125675	4.519718	.8555198	1.519256

#1	.4005581	1.742183	.0318801	-.004695	.6936060	.1539771	.4610495
#2	.4029427	1.712383	.0324768	-.004922	.6502765	.1516397	.4683021
#3	.4036192	1.750745	.0319961	-.004113	.7102162	.1518048	.4542909

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.431751	-46.6516	-.132283	.0018842	.2736188	4.939239	.0129767
Stddev	.012630	.1596	.000294	.0002632	.0068374	.029003	.0023756
%RSD	.8821033	.3421515	.2224841	13.96714	2.498894	.5871887	18.30678

#1	1.419238	-46.8009	-.132605	.0021314	.2718594	4.968187	.0150013
#2	1.444494	-46.6706	-.132027	.0016076	.2678330	4.910182	.0103615
#3	1.431520	-46.4834	-.132217	.0019136	.2811640	4.939349	.0135674

Sample Name: I5595-07 Acquired: 10/13/2017 18:21:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C34 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7261052	.0245574	.0366645
Stddev	.0042321	.0002089	.0002105
%RSD	.5828566	.8505845	.5740629

#1	.7302402	.0245864	.0366416
#2	.7217822	.0243355	.0364664
#3	.7262932	.0247502	.0368855

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	952.0496	984.8217	49385.20	11105.07	2474.881
Stddev	11.0751	2.3876	347.92	39.78	6.789
%RSD	1.163291	.2424414	.7045111	.3582349	.2743328

#1	948.8670	982.6222	49327.09	11064.48	2467.157
#2	942.9142	987.3610	49069.99	11144.00	2477.585
#3	964.3675	984.4819	49758.52	11106.72	2479.903

Sample Name: I5595-08 Acquired: 10/13/2017 18:25:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C35 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0548318	.0045432	.4238348	-.010045	.0008945	72.71772	.2889877
Stddev	.0020812	.0013432	.0021261	.007100	.0009541	.01117	.0007691
%RSD	3.795644	29.56569	.5016450	70.67846	106.6691	.0153651	.2661353

#1	.0570198	.0056420	.4233729	-.016258	.0001833	72.71164	.2881149
#2	.0545985	.0030458	.4261539	-.002307	.0019788	72.73062	.2895660
#3	.0528771	.0049418	.4219775	-.011572	.0005214	72.71092	.2892823

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028415	.0072704	4.275328	.0963677	.0162583	.0877908	106.3866
Stddev	.0001357	.0003017	.047436	.0014124	.0003073	.0010384	.3383
%RSD	4.774660	4.149131	1.109540	1.465622	1.890267	1.182759	.3179562

#1	.0027455	.0073383	4.325408	.0960886	.0161107	.0883123	106.7597
#2	.0029967	.0075324	4.269505	.0951157	.0160527	.0884650	106.0999
#3	.0027823	.0069406	4.231072	.0978988	.0166116	.0865950	106.3002

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2755847	1.818323	.0328353	-.005973	.7094411	.1942338	.2090740
Stddev	.0019579	.020838	.0008954	.000208	.0306128	.0044759	.0132544
%RSD	.7104671	1.146028	2.726925	3.490218	4.315052	2.304362	6.339583

#1	.2776659	1.833629	.0318536	-.005810	.7097331	.1921787	.2237354
#2	.2753091	1.826750	.0336072	-.006208	.7399069	.1911545	.1979404
#3	.2737792	1.794591	.0330452	-.005901	.6786835	.1993681	.2055461

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.756563	-45.0816	-.173110	.0026808	.2069675	6.882082	.0120065
Stddev	.038694	.4503	.001193	.0002849	.0063555	.180619	.0009660
%RSD	2.202807	.9988698	.6894124	10.62547	3.070780	2.624484	8.045867

#1	1.744816	-44.9743	-.171841	.0023657	.2085467	6.782220	.0129689
#2	1.799769	-45.5759	-.174211	.0027568	.2123846	6.773444	.0110369
#3	1.725105	-44.6947	-.173277	.0029200	.1999713	7.090581	.0120138

Sample Name: I5595-08 Acquired: 10/13/2017 18:25:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0C35 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8700725	.0291552	.0419875
Stddev	.0067993	.0001780	.0000812
%RSD	.7814641	.6103895	.1933540

#1	.8741603	.0289894	.0420662
#2	.8738337	.0293433	.0419920
#3	.8622237	.0291329	.0419041

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	945.9375	984.6676	48954.82	10958.94	2435.845
Stddev	9.5866	5.0733	254.92	20.94	8.191
%RSD	1.013449	.5152288	.5207295	.1911089	.3362682

#1	941.2102	979.4306	48778.34	10934.77	2430.257
#2	939.6328	985.0124	48839.03	10970.26	2432.030
#3	956.9697	989.5596	49247.08	10971.78	2445.247

Sample Name: I5595-09 Acquired: 10/13/2017 18:29:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C36 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0361766	.0070041	.2172730	-.005953	.0003409	58.81510	.2930745
Stddev	.0046885	.0010512	.0023795	.004687	.0008564	.07065	.0009065
%RSD	12.96003	15.00793	1.095178	78.72949	251.2332	.1201144	.3093138

#1	.0308917	.0081614	.2146203	-.002725	.0000915	58.87778	.2936442
#2	.0378019	.0061085	.2192194	-.011329	.0012943	58.82897	.2935502
#3	.0398361	.0067424	.2179793	-.003805	-.000363	58.73854	.2920292

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019227	.0034381	3.386677	.0663702	.0076929	.0565623	49.82277
Stddev	.0000767	.0002384	.017065	.0003883	.0005006	.0008651	.04580
%RSD	3.991486	6.934849	.5038875	.5850263	6.507317	1.529552	.0919326

#1	.0019431	.0033760	3.367537	.0666541	.0079643	.0574575	49.80928
#2	.0018378	.0032369	3.400304	.0659277	.0071152	.0557307	49.87381
#3	.0019872	.0037014	3.392190	.0665288	.0079992	.0564989	49.78524

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2165272	1.767682	.0228103	-.002834	.5278284	.1167766	.1495447
Stddev	.0013543	.021836	.0007462	.000514	.0847313	.0037497	.0106536
%RSD	.6254672	1.235296	3.271147	18.15114	16.05281	3.211003	7.123995

#1	.2168246	1.747440	.0233912	-.002995	.5797592	.1209826	.1601999
#2	.2177081	1.790823	.0219688	-.003249	.4300522	.1137834	.1388928
#3	.2150489	1.764785	.0230709	-.002258	.5736738	.1155639	.1495414

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.374473	-40.9210	-.082336	.0017558	.2584511	6.706055	.0107177
Stddev	.010818	.2059	.000807	.0003441	.0038823	.059461	.0014695
%RSD	.7870748	.5031813	.9797204	19.59806	1.502128	.8866812	13.71090

#1	1.364089	-40.7659	-.083098	.0019084	.2583465	6.764507	.0114532
#2	1.373651	-40.8425	-.081491	.0019973	.2623846	6.645633	.0090256
#3	1.385679	-41.1546	-.082419	.0013618	.2546221	6.708026	.0116742

Sample Name: I5595-09 Acquired: 10/13/2017 18:29:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0C36 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5055248	.0272808	.0406247
Stddev	.0062946	.0003893	.0000568
%RSD	1.245172	1.427018	.1398861

#1	.5016237	.0274070	.0406734
#2	.5127865	.0268440	.0406383
#3	.5021641	.0275913	.0405623

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	961.7018	992.9836	49756.98	11060.14	2514.222
Stddev	5.5456	7.6207	18.23	26.81	5.391
%RSD	.5766492	.7674538	.0366362	.2423751	.2144121

#1	967.9034	987.4560	49736.93	11032.65	2511.766
#2	959.9830	989.8178	49772.54	11061.58	2510.496
#3	957.2191	1001.677	49761.47	11086.20	2520.403

Sample Name: I5595-13 Acquired: 10/13/2017 18:33:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C38 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0497136	-.005647	1.575295	-.006888	.0063731	68.36138	.6241310
Stddev	.0118022	.002003	.002636	.002754	.0011667	.13375	.0009714
%RSD	23.74044	35.46720	.1673541	39.98534	18.30721	.1956471	.1556382

#1	.0592193	-.007484	1.578335	-.005297	.0050494	68.40021	.6252522
#2	.0534180	-.005945	1.573899	-.005299	.0072523	68.47141	.6235421
#3	.0365036	-.003512	1.573650	-.010068	.0068174	68.21251	.6235987

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065994	.0303386	307.4353	.1601115	.0481557	2.859691	138.2342
Stddev	.0002735	.0004218	1.6985	.0002670	.0006765	.010780	.5736
%RSD	4.144241	1.390467	.5524735	.1667672	1.404894	.3769632	.4149186

#1	.0065629	.0300784	305.7484	.1599940	.0482665	2.871588	137.7399
#2	.0068894	.0301121	309.1452	.1604171	.0474306	2.850572	138.8631
#3	.0063461	.0308253	307.4124	.1599234	.0487700	2.856914	138.0996

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.392464	181.5027	.1410886	-.007740	11.13857	.2935624	1.442413
Stddev	.010444	.2443	.0006435	.000280	.05173	.0015321	.011445
%RSD	.7500592	.1345867	.4561140	3.612790	.4643969	.5218900	.7934387

#1	1.381692	181.3317	.1404543	-.007990	11.14450	.2918372	1.432418
#2	1.402546	181.7825	.1410706	-.007791	11.08414	.2940856	1.439924
#3	1.393153	181.3939	.1417410	-.007438	11.18708	.2947643	1.454897

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.17828	-246.022	-.189665	.0180707	2.778276	2.738195	.1259912
Stddev	.04408	3.355	.001733	.0008430	.040969	.050922	.0022276
%RSD	.3943038	1.363839	.9136966	4.664933	1.474609	1.859694	1.768045

#1	11.22721	-247.042	-.189658	.0173684	2.786749	2.695490	.1281183
#2	11.16593	-242.275	-.191402	.0190056	2.733734	2.794551	.1236752
#3	11.14170	-248.749	-.187936	.0178381	2.814346	2.724542	.1261801

Sample Name: I5595-13 Acquired: 10/13/2017 18:33:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0C38 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.217166	.0925296	.7652979
Stddev	.004727	.0004189	.0006948
%RSD	.3884009	.4527166	.0907898

#1	1.212191	.0930056	.7655125
#2	1.217706	.0922172	.7658601
#3	1.221600	.0923660	.7645211

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	841.6534	878.5367	44965.23	10575.36	1968.060
Stddev	7.7752	4.5656	137.93	.53	4.764
%RSD	.9238019	.5196782	.3067446	.0050568	.2420614

#1	841.6966	879.8902	44810.94	10575.75	1969.840
#2	849.4069	873.4474	45076.58	10575.57	1962.662
#3	833.8567	882.2725	45008.17	10574.75	1971.677

Sample Name: I5595-14 Acquired: 10/13/2017 18:37:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C39 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2373339	.0054185	1.180110	-.003888	.0038021	65.61451	.6956839
Stddev	.0023630	.0037736	.002631	.001894	.0013110	.11194	.0009153
%RSD	.9956277	69.64303	.2229723	48.70123	34.48173	.1705963	.1315632

#1	.2399485	.0021775	1.179280	-.005559	.0034556	65.53786	.6967386
#2	.2353510	.0095613	1.177994	-.001831	.0026991	65.56270	.6952155
#3	.2367021	.0045166	1.183057	-.004275	.0052515	65.74296	.6950976

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050066	.0156742	21.71916	.1039583	.0331777	.8228258	156.3934
Stddev	.0000973	.0001239	.11623	.0013190	.0003147	.0025323	.8526
%RSD	1.944298	.7904965	.5351528	1.268785	.9486001	.3077508	.5451667

#1	.0050593	.0158167	21.58523	.1030540	.0334734	.8240272	155.5986
#2	.0050663	.0156143	21.79358	.1054718	.0332128	.8245337	156.2878
#3	.0048943	.0155915	21.77868	.1033491	.0328469	.8199164	157.2939

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8549948	7.952869	.0660315	-.009233	1.455945	.2505545	.7669767
Stddev	.0058250	.023301	.0003841	.000270	.007723	.0045588	.0130873
%RSD	.6812889	.2929933	.5817244	2.919725	.5304130	1.819489	1.706354

#1	.8490842	7.950292	.0656069	-.008924	1.451899	.2463805	.7548491
#2	.8551700	7.930962	.0663548	-.009418	1.451086	.2498637	.7652322
#3	.8607302	7.977351	.0661329	-.009358	1.464850	.2554193	.7808487

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.506162	-110.569	-.247675	.0066522	1.617999	7.305597	.0546779
Stddev	.007311	.401	.001751	.0002372	.015550	.067442	.0001729
%RSD	.2917087	.3630350	.7068471	3.565871	.9610504	.9231516	.3162061

#1	2.499825	-111.032	-.249672	.0068374	1.633385	7.353260	.0548731
#2	2.504501	-110.340	-.246946	.0063849	1.602290	7.228432	.0546167
#3	2.514161	-110.334	-.246406	.0067344	1.618323	7.335101	.0545439

Sample Name: I5595-14 Acquired: 10/13/2017 18:37:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C39 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.147269	.0422992	.2849091
Stddev	.012401	.0001051	.0003808
%RSD	1.080932	.2484630	.1336533

#1	1.136516	.0422065	.2852827
#2	1.144457	.0422777	.2845215
#3	1.160835	.0424133	.2849231

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	951.7584	1002.998	49503.26	11191.20	2404.242
Stddev	8.3179	.914	208.74	39.24	4.807
%RSD	.8739499	.0911748	.4216786	.3505984	.1999545

#1	942.7789	1002.870	49267.33	11165.93	2400.640
#2	959.2000	1003.970	49663.97	11236.40	2409.701
#3	953.2964	1002.154	49578.47	11171.26	2402.384

Sample Name: I5595-15 Acquired: 10/13/2017 18:41:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C40 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0597620	.0023429	.9883153	-.005459	.0023521	54.55632	.9397279
Stddev	.0066020	.0007881	.0020898	.003015	.0006782	.23630	.0046924
%RSD	11.04721	33.63823	.2114550	55.23882	28.83250	.4331264	.4993348

#1	.0666127	.0024650	.9876594	-.005478	.0015691	54.28852	.9352876
#2	.0534405	.0015009	.9866321	-.002434	.0027512	54.73548	.9446372
#3	.0592328	.0030629	.9906544	-.008464	.0027360	54.64496	.9392590

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028796	.0070114	9.102948	.0717652	.0178558	.1252880	89.42070
Stddev	.0001122	.0000586	.052166	.0008447	.0000957	.0004461	.25747
%RSD	3.896930	.8352080	.5730680	1.176983	.5358998	.3560670	.2879266

#1	.0027545	.0069519	9.159183	.0725499	.0177488	.1250332	89.31880
#2	.0029127	.0070690	9.056135	.0708712	.0179330	.1258031	89.22978
#3	.0029715	.0070133	9.093527	.0718744	.0178857	.1250277	89.71352

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4176149	3.639159	.0375611	-.004836	.8082092	.1509339	.7564378
Stddev	.0033649	.012594	.0003964	.000071	.0620401	.0013637	.0079968
%RSD	.8057550	.3460645	1.055400	1.468525	7.676240	.9035173	1.057171

#1	.4148618	3.625514	.0371817	-.004904	.7920442	.1520720	.7567006
#2	.4166169	3.650336	.0375290	-.004762	.7558517	.1494224	.7643000
#3	.4213660	3.641627	.0379726	-.004844	.8767316	.1513074	.7483128

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.831644	-59.0290	-.139797	.0034557	.6276361	3.813483	.0407635
Stddev	.005882	.0300	.003511	.0000234	.0114571	.094867	.0006762
%RSD	.3211407	.0508106	2.511684	.6772947	1.825435	2.487685	1.658930

#1	1.837403	-59.0623	-.138335	.0034294	.6152296	3.752014	.0399834
#2	1.831884	-59.0040	-.137252	.0034634	.6298616	3.765694	.0411231
#3	1.825646	-59.0208	-.143802	.0034743	.6378173	3.922741	.0411839

Sample Name: I5595-15 Acquired: 10/13/2017 18:41:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C40 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7468020	.0327292	.1060964
Stddev	.0008766	.0006542	.0004074
%RSD	.1173859	1.998705	.3840254

#1	.7459399	.0320327	.1057624
#2	.7476925	.0333306	.1065504
#3	.7467734	.0328245	.1059765

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	976.4667	1017.445	50475.05	11238.55	2506.670
Stddev	12.3837	1.866	293.62	29.12	3.598
%RSD	1.268220	.1834046	.5817153	.2590825	.1435257

#1	975.7500	1017.359	50560.48	11266.42	2507.976
#2	964.4569	1015.624	50148.19	11240.89	2502.602
#3	989.1932	1019.353	50716.48	11208.32	2509.432

Sample Name: I5595-16 Acquired: 10/13/2017 18:45:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C41 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0473084	.0025636	.4369930	-.003419	.0009834	61.77958	1.204671
Stddev	.0039857	.0037318	.0027482	.002414	.0011698	.25258	.004761
%RSD	8.424872	145.5686	.6288774	70.62673	118.9650	.4088437	.3952267

#1	.0490260	-.001223	.4401319	-.001732	-.000076	62.05315	1.207710
#2	.0501473	.006238	.4358271	-.006184	.000787	61.73036	1.207120
#3	.0427519	.002676	.4350200	-.002340	.002239	61.55523	1.199184

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031250	.0069447	7.849671	.0743841	.0207670	.1097616	99.99450
Stddev	.0000744	.0002518	.071373	.0005065	.0007440	.0012538	.33716
%RSD	2.381506	3.625193	.9092540	.6808653	3.582618	1.142250	.3371835

#1	.0032097	.0071530	7.845325	.0743629	.0211035	.1104894	100.0993
#2	.0030954	.0070160	7.780570	.0749007	.0212833	.1083139	99.6174
#3	.0030700	.0066649	7.923119	.0738885	.0199142	.1104815	100.2668

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4041212	3.292436	.0399671	-.005304	1.438360	.1674953	.3779513
Stddev	.0013199	.017650	.0002689	.000396	.058859	.0019396	.0057686
%RSD	.3266040	.5360778	.6727425	7.475128	4.092122	1.157977	1.526281

#1	.4056083	3.290431	.0402698	-.005203	1.416386	.1673707	.3785234
#2	.4030888	3.275874	.0398757	-.004968	1.505045	.1656210	.3719180
#3	.4036663	3.311003	.0397559	-.005742	1.393649	.1694941	.3834126

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.030385	-45.0577	-.157638	.0037878	.5210396	3.394314	.0241485
Stddev	.006760	.1795	.000829	.0002236	.0066752	.050212	.0006662
%RSD	.3329493	.3984428	.5261227	5.902940	1.281130	1.479287	2.758612

#1	2.037186	-45.0856	-.157612	.0038800	.5135060	3.451851	.0247463
#2	2.030301	-44.8659	-.158479	.0035329	.5233953	3.359355	.0242688
#3	2.023667	-45.2217	-.156821	.0039506	.5262176	3.371735	.0234303

Sample Name: I5595-16 Acquired: 10/13/2017 18:45:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0C41 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7418746	.0408319	.1028619
Stddev	.0061313	.0004749	.0001811
%RSD	.8264541	1.163121	.1760580

#1	.7458583	.0413251	.1030708
#2	.7348143	.0407928	.1027664
#3	.7449513	.0403777	.1027486

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	944.0136	976.2846	49444.67	11060.16	2438.924
Stddev	8.9498	1.8765	358.44	33.95	3.064
%RSD	.9480592	.1922043	.7249223	.3069895	.1256446

#1	940.8814	977.9457	49205.83	11023.55	2439.196
#2	954.1086	976.6589	49856.82	11066.31	2441.843
#3	937.0509	974.2492	49271.36	11090.62	2435.732

Sample Name: I5595-17 Acquired: 10/13/2017 18:50:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C42 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5542984	.0061601	1.641549	-.003073	.0018403	73.46147	.5118339
Stddev	.0041412	.0011407	.005645	.005347	.0006243	.35284	.0016939
%RSD	.7471085	18.51761	.3439024	173.9839	33.92745	.4803064	.3309538

#1	.5507009	.0069617	1.646915	-.008245	.0024838	73.64447	.5137895
#2	.5588254	.0066644	1.642072	-.003407	.0017998	73.05473	.5108209
#3	.5533691	.0048541	1.635661	.002433	.0012371	73.68522	.5108913

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033831	.0088901	9.481343	.1055437	.0221802	.2282715	106.8721
Stddev	.0001393	.0003105	.083542	.0010052	.0001436	.0016101	.5328
%RSD	4.118021	3.492536	.8811188	.9524161	.6476249	.7053582	.4985604

#1	.0032464	.0090408	9.385526	.1062076	.0221337	.2288697	106.9657
#2	.0035248	.0090965	9.519581	.1060363	.0220656	.2264479	106.2986
#3	.0033780	.0085330	9.538923	.1043872	.0223413	.2294969	107.3519

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8285750	4.148611	.0409994	-.005825	.9536216	.1851440	.5722302
Stddev	.0082788	.019214	.0003141	.000798	.0694872	.0013919	.0070699
%RSD	.9991561	.4631437	.7660627	13.69579	7.286666	.7517931	1.235506

#1	.8268380	4.159133	.0412243	-.006007	.8755250	.1835383	.5727857
#2	.8213025	4.126434	.0411335	-.004953	1.008612	.1860085	.5648989
#3	.8375844	4.160266	.0406406	-.006517	.976728	.1858850	.5790060

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.146330	-74.0219	-.168521	.0031225	.8049932	3.706064	.0379110
Stddev	.004564	.2674	.000701	.0003042	.0132725	.035360	.0035848
%RSD	.2126199	.3612691	.4156922	9.741743	1.648777	.9541084	9.455899

#1	2.146733	-74.1978	-.167720	.0033818	.8096019	3.685267	.0418755
#2	2.141579	-73.7142	-.169019	.0027876	.8153471	3.686032	.0348978
#3	2.150679	-74.1538	-.168824	.0031981	.7900306	3.746891	.0369596

Sample Name: I5595-17 Acquired: 10/13/2017 18:50:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C42 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7396830	.0426973	.1002913
Stddev	.0085214	.0002062	.0002130
%RSD	1.152030	.4830215	.2123981

#1	.7401634	.0429293	.1004567
#2	.7309316	.0425347	.1000509
#3	.7479540	.0426279	.1003662

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	947.5521	984.0927	49747.68	11160.89	2431.417
Stddev	9.5810	5.5707	183.74	65.08	4.676
%RSD	1.011133	.5660698	.3693349	.5831517	.1923058

#1	950.7636	989.8906	49698.77	11101.93	2435.862
#2	955.1148	978.7812	49950.92	11230.73	2426.540
#3	936.7779	983.6063	49593.35	11150.01	2431.848

Sample Name: I5595-18 Acquired: 10/13/2017 18:54:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C43 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0323632	.0035571	.0962549	-.005309	.0020004	110.6807	.2791786
Stddev	.0054386	.0042996	.0046552	.004338	.0016558	.5885	.0017801
%RSD	16.80506	120.8717	4.836327	81.70181	82.77355	.5316780	.6376261

#1	.0279867	-.001369	.0980640	-.000310	.0039096	111.0415	.2794762
#2	.0306509	.006558	.0909667	-.008079	.0009564	110.9988	.2807911
#3	.0384519	.005482	.0997341	-.007539	.0011353	110.0016	.2772684

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025995	.0059709	6.736077	.1162276	.0127774	.0713718	88.58860
Stddev	.0000552	.0001310	.008170	.0009346	.0002094	.0003205	.23942
%RSD	2.125036	2.194788	.1212944	.8040654	1.638528	.4489838	.2702554

#1	.0026467	.0059567	6.727192	.1162454	.0127636	.0713793	88.85952
#2	.0025387	.0058476	6.737771	.1171531	.0129932	.0716885	88.50084
#3	.0026131	.0061085	6.743267	.1152843	.0125752	.0710477	88.40546

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1245192	2.997247	.0408801	-.004465	.6523532	.2101331	.0953679
Stddev	.0005351	.041771	.0003951	.000117	.0928814	.0029020	.0041776
%RSD	.4297616	1.393658	.9664734	2.616870	14.23790	1.381010	4.380529

#1	.1239035	2.984445	.0412103	-.004487	.7063457	.2116576	.0920044
#2	.1247815	3.043921	.0409876	-.004568	.5451039	.2119552	.1000442
#3	.1248727	2.963375	.0404424	-.004338	.7056101	.2067867	.0940549

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.136053	-31.1297	-.139615	.0027640	.3811396	5.509736	.0169125
Stddev	.021689	.1251	.001984	.0004183	.0055084	.105087	.0011418
%RSD	1.015372	.4017911	1.420901	15.13284	1.445233	1.907287	6.751332

#1	2.156636	-30.9894	-.141858	.0030957	.3874982	5.428288	.0165309
#2	2.138118	-31.1701	-.138091	.0029023	.3780944	5.472564	.0181963
#3	2.113405	-31.2295	-.138896	.0022941	.3778262	5.628357	.0160104

Sample Name: I5595-18 Acquired: 10/13/2017 18:54:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C43 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4894620	.0372493	.0715763
Stddev	.0007673	.0001696	.0003820
%RSD	.1567727	.4552605	.5337376

#1	.4903479	.0373830	.0719346
#2	.4890065	.0373062	.0716201
#3	.4890315	.0370585	.0711743

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	998.1183	1030.339	51405.39	11392.18	2414.053
Stddev	7.1544	.886	402.91	64.28	3.064
%RSD	.7167909	.0859952	.7837803	.5642881	.1269412

#1	999.6750	1031.114	51359.47	11323.68	2415.186
#2	990.3138	1030.531	51027.42	11401.68	2416.389
#3	1004.366	1029.373	51829.29	11451.19	2410.583

Sample Name: I5595-19 Acquired: 10/13/2017 18:58:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C44 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2246115	.0026420	.9469260	.0003217	.0046003	91.01987	.6748475
Stddev	.0015940	.0023118	.0024375	.0039915	.0005221	.18749	.0014981
%RSD	.7096704	87.50193	.2574073	1240.614	11.34818	.2059873	.2219934

#1	.2263589	.0013840	.9446963	-.003190	.0041956	91.06462	.6742200
#2	.2232369	.0053099	.9495283	.004663	.0044157	90.81406	.6737651
#3	.2242387	.0012320	.9465533	-.000508	.0051896	91.18094	.6765573

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039776	.0110980	10.57055	.1038477	.0249258	.1484201	117.7681
Stddev	.0001072	.0002006	.11110	.0009434	.0001095	.0004243	.4827
%RSD	2.694154	1.807258	1.051075	.9084574	.4392040	.2858792	.4098436

#1	.0038630	.0109975	10.63856	.1049271	.0248704	.1480551	118.3218
#2	.0039947	.0113289	10.63075	.1034353	.0248550	.1483196	117.4362
#3	.0040752	.0109675	10.44234	.1031807	.0250519	.1488857	117.5463

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8655151	4.260064	.0491123	-.006170	.8950377	.2140002	.6756928
Stddev	.0048400	.020612	.0001736	.000538	.0305630	.0036490	.0021811
%RSD	.5592079	.4838539	.3535524	8.717986	3.414712	1.705135	.3228010

#1	.8691502	4.247552	.0489349	-.005959	.8613301	.2097963	.6780815
#2	.8673738	4.248787	.0492819	-.006781	.9209437	.2163484	.6738071
#3	.8600212	4.283855	.0491203	-.005769	.9028395	.2158558	.6751897

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.709043	-76.4385	-.187624	.0035221	.6477867	6.818106	.0370223
Stddev	.027651	.7060	.001948	.0004015	.0037108	.094701	.0004046
%RSD	1.020704	.9236409	1.038423	11.39919	.5728455	1.388967	1.092840

#1	2.690325	-76.7277	-.188464	.0039836	.6438028	6.735373	.0365614
#2	2.696001	-75.6338	-.189011	.0032531	.6511449	6.797548	.0371863
#3	2.740804	-76.9540	-.185397	.0033296	.6484125	6.921398	.0373191

Sample Name: I5595-19 Acquired: 10/13/2017 18:58:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C44 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8405332	.0525677	.1197592
Stddev	.0072923	.0002067	.0001290
%RSD	.8675815	.3932218	.1077276

#1	.8329197	.0524936	.1196250
#2	.8412249	.0524083	.1197702
#3	.8474550	.0528013	.1198823

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	946.6041	984.3320	49446.99	11078.12	2393.472
Stddev	2.2223	1.0053	258.65	13.07	1.704
%RSD	.2347672	.1021348	.5230892	.1180204	.0711880

#1	948.0788	983.1728	49148.70	11076.53	2395.038
#2	944.0481	984.9648	49583.14	11091.92	2393.720
#3	947.6855	984.8586	49609.13	11065.92	2391.657

Sample Name: I5595-20 Acquired: 10/13/2017 19:02:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C83 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2594181	.0028838	.7081853	.0037985	.0035918	43.47887	1.248266
Stddev	.0018573	.0042851	.0029948	.0053045	.0016519	.17438	.004538
%RSD	.7159518	148.5917	.4228853	139.6452	45.99049	.4010718	.3635292

#1	.2612928	-.000401	.7058821	-.002243	.0018838	43.63963	1.251173
#2	.2593828	.001322	.7071030	.007692	.0037104	43.50348	1.250587
#3	.2575786	.007731	.7115708	.005947	.0051811	43.29349	1.243037

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045244	.0128108	23.26528	.1118614	.0320861	.3580287	158.0020
Stddev	.0001054	.0003567	.03822	.0007942	.0007202	.0023955	.1159
%RSD	2.329577	2.784462	.1643006	.7099669	2.244441	.6690919	.0733489

#1	.0046133	.0125527	23.22504	.1124989	.0326623	.3596881	157.8686
#2	.0044079	.0126620	23.26968	.1121136	.0312788	.3591156	158.0596
#3	.0045519	.0132179	23.30111	.1109718	.0323173	.3552824	158.0779

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4488491	11.11395	.0646003	-.008719	1.258944	.2058852	.7311918
Stddev	.0005445	.13043	.0006354	.000026	.062955	.0014120	.0157446
%RSD	.1213120	1.173573	.9836004	.3034634	5.000652	.6858384	2.153275

#1	.4486326	11.23457	.0640381	-.008749	1.242385	.2043896	.7170234
#2	.4484461	11.13173	.0652897	-.008700	1.205923	.2071954	.7284103
#3	.4494685	10.97554	.0644731	-.008707	1.328524	.2060706	.7481418

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.027376	-105.318	-.250808	.0101067	2.389719	3.988347	.0907079
Stddev	.032708	.833	.000725	.0001229	.003776	.042978	.0023294
%RSD	1.080421	.7909383	.2890487	1.216235	.1580117	1.077579	2.567997

#1	3.058050	-106.207	-.251218	.0100828	2.385768	4.036736	.0889021
#2	3.031122	-105.190	-.251235	.0099975	2.390097	3.954615	.0933372
#3	2.992956	-104.556	-.249971	.0102398	2.393291	3.973689	.0898844

Sample Name: I5595-20 Acquired: 10/13/2017 19:02:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C83 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.142917	.0493678	.2676761
Stddev	.006003	.0001279	.0009223
%RSD	.2801291	.2590128	.3445467

#1	2.145484	.0494576	.2682105
#2	2.136058	.0494245	.2682067
#3	2.147211	.0492214	.2666112

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	939.0335	972.6264	48990.85	10949.64	2406.642
Stddev	10.8693	5.3875	139.54	43.56	7.553
%RSD	1.157494	.5539128	.2848249	.3978277	.3138331

#1	948.2467	966.5319	48967.45	10922.80	2398.564
#2	941.8078	974.5928	49140.61	10926.22	2407.835
#3	927.0459	976.7544	48864.50	10999.90	2413.528

Sample Name: I5595-21 Acquired: 10/13/2017 19:06:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C84 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0174785	.0016725	.1047621	-.001144	.0011918	46.99249	.2700434
Stddev	.0058004	.0008876	.0008821	.005291	.0017407	.07199	.0002616
%RSD	33.18567	53.07420	.8419662	462.4970	146.0633	.1531929	.0968905

#1	.0226605	.0026593	.1051596	-.005180	.0031576	46.96188	.2699225
#2	.0112127	.0014190	.1037512	-.003099	.0005715	46.94085	.2703436
#3	.0185624	.0009391	.1053755	.004846	-.000154	47.07472	.2698641

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011270	.0019078	8.942388	.0517774	.0072981	.0371920	27.10370
Stddev	.0000580	.0001080	.049894	.0008891	.0000109	.0001887	.12528
%RSD	5.142905	5.660221	.5579440	1.717084	.1497854	.5074699	.4622258

#1	.0011924	.0018669	8.891355	.0523596	.0072856	.0373554	27.20029
#2	.0011067	.0018262	8.944749	.0522185	.0073035	.0372353	26.96214
#3	.0010819	.0020303	8.991058	.0507540	.0073053	.0369854	27.14867

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2557308	5.502561	.0221705	-.001627	.4754216	.0851085	.2381908
Stddev	.0034127	.061865	.0006283	.000191	.0597556	.0005828	.0070098
%RSD	1.334489	1.124303	2.834058	11.75627	12.56898	.6848138	2.942946

#1	.2550516	5.573565	.0217437	-.001816	.5429043	.0854938	.2443472
#2	.2527087	5.460261	.0218757	-.001632	.4292186	.0844380	.2396637
#3	.2594320	5.473858	.0228920	-.001433	.4541418	.0853937	.2305616

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.009703	-41.3107	-.043230	.0008989	.4360093	4.592796	.0369092
Stddev	.007080	.5698	.001558	.0001474	.0143736	.045736	.0010070
%RSD	.3522994	1.379329	3.604328	16.39414	3.296634	.9958238	2.728247

#1	2.016557	-41.1717	-.045028	.0009729	.4306790	4.633034	.0370891
#2	2.002416	-40.8233	-.042271	.0009947	.4250622	4.602298	.0358244
#3	2.010135	-41.9372	-.042391	.0007292	.4522866	4.543055	.0378141

Sample Name: I5595-21 Acquired: 10/13/2017 19:06:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0C84 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3886306	.0522290	.0324550
Stddev	.0045184	.0002963	.0000360
%RSD	1.162646	.5672365	.1108283

#1	.3927880	.0525709	.0324846
#2	.3838219	.0520685	.0324150
#3	.3892819	.0520475	.0324654

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	965.8929	1014.215	49648.70	10985.64	2572.788
Stddev	.4987	4.273	53.02	22.36	3.359
%RSD	.0516337	.4212803	.1067885	.2035276	.1305525

#1	965.3873	1019.142	49601.89	10959.84	2575.348
#2	966.3845	1011.969	49706.28	10999.40	2568.985
#3	965.9068	1011.533	49637.92	10997.68	2574.032

Sample Name: I5595-22 Acquired: 10/13/2017 19:10:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0C85 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2434769	.0041805	1.083695	.0022065	.0050418	66.62562	1.090913
Stddev	.0005538	.0035049	.009218	.0020761	.0008474	.12560	.001452
%RSD	.2274510	83.84060	.8506262	94.08793	16.80718	.1885125	.1330593

#1	.2428975	.0026588	1.084403	.0016836	.0052652	66.69122	1.091808
#2	.2435323	.0016936	1.092540	.0004420	.0041051	66.70483	1.091692
#3	.2440009	.0081891	1.074144	.0044941	.0057551	66.48080	1.089238

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050345	.0130952	32.60101	.1294620	.0342166	.3468652	164.8944
Stddev	.0000397	.0004698	.23948	.0028944	.0001868	.0020177	.8233
%RSD	.7877745	3.587356	.7345728	2.235691	.5458395	.5816967	.4992769

#1	.0050398	.0132441	32.44398	.1314266	.0340899	.3468412	164.9583
#2	.0049924	.0134725	32.87665	.1308212	.0344311	.3488949	165.6838
#3	.0050711	.0125690	32.48242	.1261382	.0341289	.3448597	164.0410

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6483623	13.43389	.0693347	-.009218	1.331611	.2765895	.9430421
Stddev	.0057031	.04706	.0008155	.000329	.126434	.0034726	.0161461
%RSD	.8796224	.3502885	1.176210	3.570674	9.494823	1.255504	1.712128

#1	.6478274	13.43740	.0702644	-.009307	1.460367	.2771321	.9460147
#2	.6543141	13.47909	.0689993	-.008853	1.207634	.2797588	.9256163
#3	.6429455	13.38518	.0687403	-.009493	1.326831	.2728775	.9574954

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.795467	-149.942	-.253905	.0077420	2.313285	3.187517	.0726274
Stddev	.003685	.887	.002612	.0007054	.020743	.085448	.0018136
%RSD	.0970974	.5914131	1.028633	9.111064	.8967027	2.680715	2.497149

#1	3.794744	-150.480	-.254509	.0073970	2.328638	3.244993	.0745601
#2	3.792196	-150.427	-.256161	.0072754	2.321529	3.228232	.0709627
#3	3.799460	-148.918	-.251044	.0085534	2.289687	3.089325	.0723594

Sample Name: I5595-22 Acquired: 10/13/2017 19:10:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0C85 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.384616	.0578602	.2676559
Stddev	.007083	.0001119	.0013641
%RSD	.5115777	.1933893	.5096393

#1	1.390100	.0579724	.2686267
#2	1.387129	.0578597	.2682448
#3	1.376619	.0577486	.2660963

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	927.8390	971.4140	48706.08	11026.39	2379.104
Stddev	16.0748	2.8689	570.60	63.75	11.768
%RSD	1.732503	.2953333	1.171522	.5781619	.4946520

#1	917.2146	972.8105	48076.78	11003.75	2376.775
#2	946.3323	968.1142	49189.77	10977.05	2368.675
#3	919.9701	973.3173	48851.69	11098.37	2391.863

Sample Name: CCV057 Acquired: 10/13/2017 19:14:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV057 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.069699	5.414753	25.73682	4.952714	5.114765	395.6879	10.31082
Stddev	.012054	.032543	.08012	.013705	.026613	.5516	.05952
%RSD	.2377718	.6010107	.3112908	.2767095	.5203140	.1394106	.5772917

#1	5.072486	5.406180	25.68663	4.964490	5.144695	395.0526	10.34273
#2	5.056495	5.387355	25.69462	4.937671	5.093768	396.0456	10.24214
#3	5.080116	5.450725	25.82922	4.955981	5.105831	395.9655	10.34758

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5268170	2.535575	395.6609	15.22265	2.524234	15.97236	395.1918
Stddev	.0025388	.018845	1.5752	.03186	.004467	.08365	1.5453
%RSD	.4819209	.7432216	.3981077	.2092925	.1769782	.5237238	.3910239

#1	.5289176	2.519005	397.3945	15.24870	2.519506	15.90651	396.3438
#2	.5239957	2.531644	394.3175	15.18713	2.524812	16.06648	393.4357
#3	.5275376	2.556075	395.2708	15.23213	2.528384	15.94408	395.7958

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.21113	398.8826	2.458813	1.344468	401.1548	2.533342	15.70450
Stddev	.04895	.6915	.013193	.006633	1.2125	.004485	.08217
%RSD	.3218125	.1733688	.5365431	.4933419	.3022504	.1770546	.5232103

#1	15.24757	399.5168	2.446814	1.351960	400.2000	2.528708	15.61340
#2	15.15549	398.1453	2.456684	1.339344	402.5190	2.537662	15.72707
#3	15.23033	398.9855	2.472940	1.342101	400.7456	2.533657	15.77302

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	159.2630	4.540296	4.627937	5.001659	4.960946	5.152600	4.912377
Stddev	.4451	.215472	.014563	.013369	.007047	.014825	.031032
%RSD	.2794480	4.745775	.3146655	.2672968	.1420518	.2877116	.6317194

#1	158.8071	4.788742	4.642014	5.003334	4.958520	5.169394	4.887552
#2	159.2855	4.427642	4.612933	4.987532	4.955433	5.141332	4.902412
#3	159.6964	4.404502	4.628865	5.014112	4.968886	5.147073	4.947168

Sample Name: CCV057 Acquired: 10/13/2017 19:14:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCV057 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.105605	5.298137	5.228758
Stddev	.002561	.020544	.008575
%RSD	.0501670	.3877626	.1639937

#1	5.103577	5.277640	5.230343
#2	5.108483	5.318728	5.219502
#3	5.104753	5.298043	5.236430

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	753.4897	782.7514	39923.31	9756.355	1689.398
Stddev	.6119	4.5332	36.49	28.007	5.631
%RSD	.0812094	.5791317	.0913939	.2870605	.3333034

#1	754.1874	777.5346	39881.71	9724.048	1683.929
#2	753.2370	784.9877	39949.85	9773.758	1689.086
#3	753.0445	785.7319	39938.39	9771.258	1695.178

Sample Name: CCB057 Acquired: 10/13/2017 19:18:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB057 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030356	.0002250	.0007150	-.002425	-.001152	.0018923	-.001724
Stddev	.0062123	.0007406	.0018001	.001928	.000821	.0023304	.000237
%RSD	204.6496	329.1049	251.7635	79.49523	71.27496	123.1526	13.72399

#1	.0096072	.0002652	-.001138	-.002169	-.001893	.0037873	-.001717
#2	.0022403	-.000535	.002457	-.000638	-.001293	-.000710	-.001965
#3	-.002741	.000945	.000826	-.004469	-.000269	.002599	-.001492

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000700	-.000066	-.008488	-.000046	.0002045	-.001028	.0054698
Stddev	.0000739	.000043	.004366	.000409	.0002364	.001142	.0069472
%RSD	105.5820	65.19497	51.44345	881.2201	115.5962	111.0562	127.0094

#1	-.000004	-.000033	-.012105	.000016	.0004633	-.001392	.0003882
#2	.000070	-.000051	-.003637	.000329	.0001503	-.001944	.0133862
#3	.000144	-.000114	-.009721	-.000483	-.000000	.000251	.0026351

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000590	.0101587	.0001339	.0002494	-.004390	-.000148	-.001508
Stddev	.0006799	.0101810	.0001410	.0001610	.103948	.001410	.001182
%RSD	1153.390	100.2191	105.3618	64.58185	2367.590	950.8624	78.38385

#1	.0006704	.0133968	-.000023	.0002759	-.033321	.000630	-.001590
#2	-.000673	-.001247	.000175	.0003955	-.090808	-.001776	-.000287
#3	.000180	.018327	.000250	.0000767	.110958	.000700	-.002647

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.102418	-.013920	.0050885	.0003180	-.016849	-.000141	-.001669
Stddev	.013373	.042220	.0002919	.0001964	.003607	.001651	.000593
%RSD	13.05749	303.2938	5.737353	61.75482	21.40653	1174.129	35.49022

#1	-.117700	-.014100	.0050892	.0005447	-.020233	.001710	-.001819
#2	-.092855	.028389	.0053800	.0002030	-.017258	-.001462	-.002173
#3	-.096700	-.056050	.0047962	.0002062	-.013055	-.000669	-.001016

Sample Name: CCB057 Acquired: 10/13/2017 19:18:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB057 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005350	-.000402	-.000040
Stddev	.0001360	.000183	.000023
%RSD	25.42759	45.55462	56.76955

#1	.0003825	-.000212	-.000033
#2	.0005787	-.000577	-.000022
#3	.0006437	-.000417	-.000065

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	982.2427	1016.465	51197.08	11105.13	2764.938
Stddev	3.3283	4.408	112.46	20.58	9.364
%RSD	.3388497	.4336763	.2196623	.1852847	.3386588

#1	983.6750	1019.082	51312.82	11089.73	2768.378
#2	978.4379	1011.376	51190.19	11128.50	2754.340
#3	984.6150	1018.938	51088.22	11097.17	2772.094

Sample Name: I5683-01 Acquired: 10/13/2017 19:22:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AA0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0222403	.0020035	.1386916	-.007951	.0024013	96.38023	2.939433
Stddev	.0056806	.0015921	.0020519	.001801	.0008822	.83660	.020638
%RSD	25.54190	79.46353	1.479498	22.65524	36.73976	.8680183	.7021213

#1	.0240577	.0004905	.1364631	-.006142	.0032300	95.46009	2.916334
#2	.0267898	.0018558	.1405028	-.007966	.0024999	97.09506	2.956060
#3	.0158734	.0036643	.1391089	-.009745	.0014739	96.58554	2.945904

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092529	.0135075	79.73664	.1200843	.0940597	.1324131	146.9795
Stddev	.0001624	.0001089	.41146	.0007613	.0003943	.0013647	.2783
%RSD	1.754707	.8060941	.5160249	.6340025	.4191486	1.030629	.1893645

#1	.0091020	.0134418	80.21173	.1193174	.0945054	.1311243	146.7223
#2	.0094247	.0136332	79.50258	.1200955	.0939170	.1338427	147.2750
#3	.0092318	.0134476	79.49559	.1208400	.0937566	.1322723	146.9412

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.525231	41.15706	.1255302	-.008039	3.245328	.2584608	.4122453
Stddev	.009368	.41364	.0009126	.000390	.049915	.0014475	.0070055
%RSD	.1695419	1.005033	.7270384	4.855557	1.538064	.5600550	1.699349

#1	5.524579	40.78206	.1262938	-.008488	3.189165	.2575452	.4200675
#2	5.534907	41.60074	.1257774	-.007855	3.262196	.2577076	.4065489
#3	5.516206	41.08838	.1245194	-.007775	3.284624	.2601296	.4101196

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.00403	-465.501	-.217149	-.000168	.9918071	1.750970	.0325858
Stddev	.36892	2.014	.002848	.000114	.0100735	.007301	.0019064
%RSD	1.536902	.4325873	1.311608	68.04288	1.015671	.4169781	5.850407

#1	23.57840	-466.654	-.214093	-.000248	1.000208	1.748312	.0327868
#2	24.20181	-466.672	-.217623	-.000037	.994575	1.759228	.0305868
#3	24.23190	-463.175	-.219730	-.000219	.980639	1.745370	.0343837

Sample Name: I5683-01 Acquired: 10/13/2017 19:22:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0AA0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.885576	.0934359	.3904836
Stddev	.012373	.0017915	.0020379
%RSD	.4287875	1.917380	.5218835

#1	2.872008	.0913732	.3882173
#2	2.896236	.0943315	.3921651
#3	2.888485	.0946031	.3910685

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	998.5797	1044.281	52271.95	11950.62	2186.613
Stddev	8.8681	3.255	309.81	94.83	3.695
%RSD	.8880719	.3117063	.5926926	.7935511	.1689961

#1	997.2842	1046.362	52268.34	12060.13	2183.048
#2	1008.024	1045.950	52583.56	11895.39	2186.365
#3	990.431	1040.530	51963.97	11896.34	2190.426

Sample Name: I5683-02 Acquired: 10/13/2017 19:27:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AA1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0307697	.0046707	.0542303	-.001914	.0024761	63.85709	2.188602
Stddev	.0049441	.0030400	.0024032	.003671	.0021437	.22559	.006655
%RSD	16.06800	65.08717	4.431485	191.8162	86.57563	.3532797	.3040699

#1	.0295978	.0043603	.0544508	-.005364	.0041242	63.60121	2.180969
#2	.0265168	.0017978	.0517245	-.002322	.0000526	63.94279	2.193185
#3	.0361944	.0078539	.0565157	.001944	.0032515	64.02728	2.191652

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055274	.0097157	42.05749	.1031801	.0620366	.1171822	117.4560
Stddev	.0000650	.0001510	.17720	.0007340	.0007943	.0020258	.3243
%RSD	1.175930	1.554084	.4213328	.7113499	1.280421	1.728756	.2760962

#1	.0055821	.0097302	41.99509	.1023904	.0624423	.1152166	117.0867
#2	.0054556	.0095580	41.91993	.1033084	.0625461	.1192633	117.5873
#3	.0055445	.0098589	42.25745	.1038414	.0611213	.1170668	117.6941

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.206328	21.79935	.0913479	-.006465	3.109456	.2648739	.2481561
Stddev	.017237	.05411	.0002419	.000556	.048059	.0020749	.0061461
%RSD	.2777269	.2482109	.2648272	8.600043	1.545562	.7833721	2.476686

#1	6.191136	21.80177	.0914187	-.006897	3.064258	.2627848	.2510957
#2	6.202788	21.74407	.0915465	-.005838	3.104171	.2649026	.2522802
#3	6.225060	21.85220	.0910785	-.006661	3.159938	.2669344	.2410923

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.25089	-482.385	-.179522	.0061725	.3453066	2.474500	.0047970
Stddev	.04848	4.961	.000620	.0001875	.0071213	.048472	.0011558
%RSD	.4729465	1.028393	.3455994	3.036818	2.062316	1.958866	24.09396

#1	10.20459	-483.716	-.178831	.0059568	.3508808	2.418838	.0043549
#2	10.30129	-486.544	-.179700	.0062951	.3477549	2.497246	.0039276
#3	10.24678	-476.894	-.180033	.0062657	.3372841	2.507415	.0061086

Sample Name: I5683-02 Acquired: 10/13/2017 19:27:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0AA1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.759583	.0630514	.2333384
Stddev	.009877	.0005190	.0006174
%RSD	.2627236	.8231695	.2646157

#1	3.748187	.0625055	.2326445
#2	3.764887	.0635385	.2338272
#3	3.765675	.0631103	.2335434

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1004.814	1052.432	52153.72	11770.59	2343.927
Stddev	10.907	8.113	308.20	47.36	17.727
%RSD	1.085427	.7708805	.5909433	.4023202	.7563123

#1	996.080	1043.088	51869.06	11805.82	2330.371
#2	1001.323	1056.530	52111.10	11716.76	2337.421
#3	1017.039	1057.679	52481.02	11789.20	2363.988

Sample Name: I5683-03 Acquired: 10/13/2017 19:31:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AA2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0155474	.0078641	.0829615	-.006269	.0009608	67.71027	1.321166
Stddev	.0037852	.0017636	.0012054	.005107	.0013853	.34060	.009413
%RSD	24.34637	22.42580	1.452908	81.46883	144.1813	.5030264	.7124792

#1	.0198017	.0060216	.0819454	-.011844	.0018925	68.06989	1.330628
#2	.0142882	.0080341	.0842933	-.001818	.0016210	67.66837	1.321067
#3	.0125522	.0095365	.0826459	-.005144	-.000631	67.39257	1.311803

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061698	.0085311	43.50350	.1154329	.0429223	.0798332	112.5554
Stddev	.0001966	.0002711	.16490	.0004489	.0001916	.0015608	.3715
%RSD	3.186775	3.177392	.3790554	.3888933	.4464278	1.955020	.3300987

#1	.0059429	.0088316	43.34902	.1152809	.0430671	.0814170	112.4096
#2	.0062885	.0084564	43.48433	.1159381	.0427050	.0797860	112.2789
#3	.0062782	.0083052	43.67715	.1150798	.0429948	.0782966	112.9778

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7881998	28.26124	.0619077	-.007220	1.993744	.2304903	.2649465
Stddev	.0039477	.07438	.0003847	.000440	.039105	.0020372	.0051900
%RSD	.5008560	.2631856	.6214753	6.093121	1.961379	.8838324	1.958899

#1	.7844209	28.33264	.0616292	-.007419	1.993412	.2289254	.2623033
#2	.7878815	28.26687	.0623467	-.006716	1.954806	.2297517	.2616101
#3	.7922971	28.18420	.0617472	-.007525	2.033014	.2327937	.2709260

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.48303	-353.259	-.167379	-.000781	.3315889	1.540468	.0063435
Stddev	.23668	3.669	.001193	.000644	.0139758	.019381	.0028477
%RSD	.8936967	1.038572	.7125626	82.44398	4.214789	1.258122	44.89113

#1	26.68996	-355.163	-.166682	-.000511	.3202438	1.520469	.0047282
#2	26.53417	-349.029	-.168756	-.000316	.3273223	1.559166	.0046709
#3	26.22496	-355.584	-.166700	-.001515	.3472007	1.541768	.0096316

Sample Name: I5683-03 Acquired: 10/13/2017 19:31:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0AA2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.745532	.0672745	.2602238
Stddev	.003424	.0008137	.0007771
%RSD	.0914059	1.209549	.2986264

#1	3.748907	.0681724	.2609154
#2	3.742062	.0670651	.2603732
#3	3.745626	.0665859	.2593829

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1010.907	1067.734	52193.68	11853.78	2337.850
Stddev	9.012	6.936	389.87	28.07	13.103
%RSD	.8914522	.6495984	.7469721	.2368239	.5604522

#1	1002.072	1061.129	51754.47	11833.98	2323.866
#2	1010.562	1074.959	52327.71	11841.45	2349.844
#3	1020.086	1067.112	52498.85	11885.91	2339.839

Sample Name: I5683-04 Acquired: 10/13/2017 19:35:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AA3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0398262	.0029274	.0643135	-.005314	.0019378	85.30326	1.937939
Stddev	.0044578	.0034308	.0013559	.001335	.0024785	.21060	.001979
%RSD	11.19312	117.1960	2.108259	25.12696	127.9015	.2468829	.1020974

#1	.0448777	.0006795	.0627577	-.005437	-.000436	85.10944	1.936572
#2	.0364439	.0012263	.0649398	-.006583	.004509	85.52736	1.940208
#3	.0381570	.0068763	.0652431	-.003921	.001740	85.27297	1.937037

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064197	.0103545	45.50540	.0935808	.0687261	.1291298	128.9289
Stddev	.0000695	.0002163	.19118	.0004883	.0001161	.0005576	.5006
%RSD	1.082206	2.089355	.4201274	.5218363	.1688622	.4318123	.3883109

#1	.0063396	.0102023	45.69501	.0941108	.0688020	.1285735	128.5583
#2	.0064559	.0102591	45.31269	.0934824	.0687838	.1291271	128.7299
#3	.0064636	.0106021	45.50850	.0931491	.0685925	.1296887	129.4984

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.224797	24.22830	.0905359	-.007577	2.679417	.2511659	.2380924
Stddev	.017594	.09168	.0012995	.000030	.041409	.0009450	.0074574
%RSD	.3367392	.3783837	1.435341	.3955031	1.545431	.3762301	3.132160

#1	5.215250	24.13969	.0905549	-.007591	2.721369	.2512921	.2407551
#2	5.214041	24.22245	.0918257	-.007597	2.678307	.2501642	.2296690
#3	5.245101	24.32276	.0892269	-.007542	2.638574	.2520414	.2438529

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.46543	-465.028	-.198725	.0034767	.2714596	1.513648	.0079576
Stddev	.07510	2.643	.001140	.0001667	.0016231	.032864	.0010243
%RSD	.6024871	.5684600	.5735367	4.795907	.5979224	2.171208	12.87258

#1	12.42669	-466.629	-.197410	.0034008	.2699436	1.544791	.0078577
#2	12.55199	-466.479	-.199441	.0036679	.2712632	1.516857	.0069868
#3	12.41760	-461.977	-.199323	.0033614	.2731720	1.479297	.0090282

Sample Name: I5683-04 Acquired: 10/13/2017 19:35:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0AA3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.654353	.0668160	.2328700
Stddev	.006886	.0003627	.0005456
%RSD	.2594214	.5428282	.2342834

#1	2.652584	.0672312	.2323845
#2	2.648524	.0666562	.2327650
#3	2.661950	.0665606	.2334604

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1019.773	1070.199	52618.17	11949.08	2340.314
Stddev	4.607	7.840	122.89	29.96	9.918
%RSD	.4517914	.7325567	.2335527	.2507570	.4237757

#1	1024.391	1061.823	52580.54	11975.91	2328.874
#2	1019.751	1077.361	52518.50	11916.75	2345.583
#3	1015.176	1071.412	52755.48	11954.59	2346.486

Sample Name: I5683-05 Acquired: 10/13/2017 19:39:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AA3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0343310	.0021535	.0657779	-.005666	.0029476	86.40559	1.966224
Stddev	.0039489	.0012858	.0022141	.002847	.0003088	.26080	.009299
%RSD	11.50245	59.70891	3.365957	50.24879	10.47475	.3018301	.4729191

#1	.0304916	.0034671	.0661611	-.007492	.0027807	86.48629	1.972276
#2	.0341204	.0020960	.0633973	-.007122	.0027582	86.61651	1.970880
#3	.0383810	.0008973	.0677754	-.002386	.0033038	86.11399	1.955518

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062829	.0105149	45.01931	.0929405	.0682362	.1308558	130.2690
Stddev	.0000841	.0003764	.31628	.0004890	.0008468	.0008383	.6389
%RSD	1.338550	3.580111	.7025393	.5261156	1.241045	.6406403	.4904233

#1	.0061893	.0107793	44.68283	.0929827	.0676247	.1306912	129.5498
#2	.0063071	.0100839	45.31051	.0934070	.0678811	.1301119	130.7710
#3	.0063522	.0106814	45.06458	.0924318	.0692027	.1317642	130.4860

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.258807	24.68407	.0912047	-.007587	2.643578	.2513105	.2436955
Stddev	.036244	.05129	.0004980	.000390	.038024	.0019598	.0071762
%RSD	.6892064	.2077906	.5459710	5.144907	1.438357	.7798449	2.944729

#1	5.216981	24.62552	.0906471	-.007964	2.636612	.2490490	.2368653
#2	5.278478	24.72106	.0916051	-.007612	2.684603	.2525138	.2511737
#3	5.280963	24.70563	.0913619	-.007184	2.609518	.2523687	.2430476

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.69914	-468.396	-.198297	.0036956	.2646260	1.519988	.0076331
Stddev	.09254	1.482	.001323	.0003899	.0093664	.006636	.0011601
%RSD	.7286814	.3164866	.6669923	10.54891	3.539498	.4366090	15.19878

#1	12.75285	-467.848	-.197231	.0037361	.2554101	1.512890	.0083386
#2	12.75227	-470.075	-.199777	.0040636	.2643320	1.521033	.0062942
#3	12.59228	-467.266	-.197883	.0032871	.2741360	1.526039	.0082667

Sample Name: I5683-05 Acquired: 10/13/2017 19:39:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AA3D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.684873	.0681959	.2359933
Stddev	.010587	.0003772	.0007317
%RSD	.3943082	.5531089	.3100456

#1	2.680413	.0686031	.2359224
#2	2.696960	.0681260	.2367579
#3	2.677246	.0678585	.2352997

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	981.7380	1029.884	51503.45	11820.84	2283.482
Stddev	3.0198	7.531	129.28	16.50	7.844
%RSD	.3075923	.7312861	.2510069	.1395643	.3435100

#1	979.8782	1027.920	51381.57	11824.08	2284.133
#2	980.1136	1038.203	51489.76	11802.97	2290.980
#3	985.2223	1023.529	51639.03	11835.48	2275.333

Sample Name: I5683-06 Acquired: 10/13/2017 19:43:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AA3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0937053	.1093130	.1036865	.0733593	.0513574	100.4216	5.972363
Stddev	.0077075	.0031826	.0014255	.0026475	.0020545	.3688	.003855
%RSD	8.225237	2.911424	1.374859	3.609023	4.000417	.3672022	.0645411

#1	.0849980	.1123623	.1034885	.0762918	.0502568	100.5276	5.968492
#2	.0964645	.1060121	.1023702	.0726409	.0537277	100.0114	5.972395
#3	.0996534	.1095647	.1052006	.0711450	.0500876	100.7257	5.976201

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0884354	.1059516	46.71731	.4529199	1.045984	.5706807	146.2596
Stddev	.0004587	.0007186	.08167	.0023569	.002661	.0015098	.7588
%RSD	.5186994	.6782186	.1748074	.5203676	.2544041	.2645524	.5188043

#1	.0879560	.1066017	46.80855	.4503271	1.048453	.5701369	145.7736
#2	.0884801	.1051800	46.65105	.4535003	1.043166	.5695182	145.8714
#3	.0888701	.1060730	46.69233	.4549323	1.046334	.5723870	147.1340

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.470350	29.46686	1.079014	-.007269	3.192161	1.179942	1.162272
Stddev	.030426	.12152	.002860	.000209	.047572	.005586	.007794
%RSD	.4702348	.4123863	.2650893	2.870391	1.490265	.4733823	.6706215

#1	6.450243	29.43811	1.082244	-.007028	3.231579	1.181070	1.168003
#2	6.455453	29.36229	1.076803	-.007398	3.139320	1.173879	1.153396
#3	6.505354	29.60017	1.077994	-.007380	3.205585	1.184878	1.165416

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.85028	-485.730	-.220059	.0088433	.3026553	1.680739	.0121800
Stddev	.09313	4.688	.000452	.0004507	.0056634	.012154	.0025408
%RSD	.6271140	.9652357	.2053214	5.096402	1.871251	.7231539	20.86041

#1	14.88021	-490.869	-.220549	.0083271	.3041574	1.691425	.0113696
#2	14.74587	-481.686	-.219659	.0091582	.2963923	1.667517	.0150271
#3	14.92477	-484.636	-.219968	.0090448	.3074163	1.683275	.0101432

Sample Name: I5683-06 Acquired: 10/13/2017 19:43:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AA3S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.623769	.0809150	.2520190
Stddev	.013729	.0003986	.0008642
%RSD	.3788622	.4925698	.3429129

#1	3.621214	.0805929	.2512419
#2	3.611497	.0807914	.2518654
#3	3.638596	.0813607	.2529497

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	981.1059	1032.751	51531.33	11852.62	2259.366
Stddev	6.0155	5.827	73.21	19.58	7.346
%RSD	.6131344	.5642402	.1420767	.1652132	.3251191

#1	974.3366	1035.042	51446.95	11862.30	2262.769
#2	985.8392	1026.126	51568.93	11865.47	2250.936
#3	983.1419	1037.084	51578.10	11830.08	2264.393

Sample Name: I5683-04LX5 Acquired: 10/13/2017 19:47:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AA3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104225	.0001095	.0138938	.0026374	.0004835	18.71331	.4215688
Stddev	.0018888	.0041097	.0032375	.0033912	.0004473	.07669	.0020454
%RSD	18.12242	3752.976	23.30172	128.5794	92.52169	.4098064	.4851949

#1	.0083453	-.004504	.0106223	.0025641	.0000825	18.64409	.4195157
#2	.0108852	.003378	.0170962	-.000716	.0004019	18.70009	.4215842
#3	.0120369	.001455	.0139630	.006065	.0009660	18.79575	.4236065

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014634	.0018778	9.712624	.0202609	.0133068	.0283298	28.97570
Stddev	.0001788	.0000304	.066491	.0003566	.0003431	.0009060	.10849
%RSD	12.21687	1.618762	.6845872	1.760138	2.578590	3.198061	.3744247

#1	.0015675	.0019118	9.648847	.0206160	.0131000	.0293091	28.85858
#2	.0015659	.0018533	9.707493	.0202640	.0131175	.0275214	28.99575
#3	.0012570	.0018682	9.781533	.0199027	.0137028	.0281588	29.07277

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.124436	5.502371	.0174458	-.001620	.5579480	.0559080	.0486701
Stddev	.002016	.079722	.0008262	.000176	.0475066	.0026138	.0060997
%RSD	.1792621	1.448874	4.735825	10.86868	8.514514	4.675242	12.53266

#1	1.123023	5.411474	.0166373	-.001429	.5767198	.0533966	.0422857
#2	1.126744	5.560426	.0182886	-.001777	.5932006	.0557140	.0544383
#3	1.123541	5.535214	.0174114	-.001654	.5039237	.0586135	.0492864

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.795249	-85.5501	-.048104	.0006083	.0430703	.3145467	.0021353
Stddev	.006895	.6913	.001128	.0002353	.0034845	.0058578	.0002878
%RSD	.2466856	.8081139	2.344992	38.67673	8.090326	1.862282	13.47693

#1	2.789425	-85.3558	-.049295	.0008398	.0401613	.3210505	.0024676
#2	2.793459	-84.9768	-.047967	.0003694	.0421176	.3096857	.0019733
#3	2.802863	-86.3179	-.047051	.0006157	.0469321	.3129040	.0019650

Sample Name: I5683-04LX5 Acquired: 10/13/2017 19:47:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0AA3L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5965648	.0147472	.0520480
Stddev	.0044053	.0000478	.0001624
%RSD	.7384494	.3238918	.3119850

#1	.5940089	.0147918	.0518605
#2	.5940338	.0146968	.0521448
#3	.6016516	.0147531	.0521387

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	978.6415	1026.149	50841.81	11214.72	2607.704
Stddev	6.3151	3.581	145.28	53.66	6.505
%RSD	.6452954	.3489865	.2857426	.4785213	.2494493

#1	976.7465	1022.081	50693.91	11157.11	2600.198
#2	985.6872	1027.539	50984.32	11223.78	2611.693
#3	973.4909	1028.827	50847.19	11263.28	2611.222

Sample Name: I5683-07 Acquired: 10/13/2017 19:51:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AA5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0275432	.0039920	.0649924	-.006670	.0008687	57.13078	2.385085
Stddev	.0087283	.0025200	.0026569	.001566	.0010633	.21720	.004363
%RSD	31.68949	63.12613	4.088100	23.48264	122.3977	.3801867	.1829249

#1	.0210099	.0069017	.0627516	-.004871	-.000331	57.25697	2.387641
#2	.0374559	.0025114	.0679276	-.007409	.001694	57.25540	2.387566
#3	.0241638	.0025629	.0642980	-.007731	.001243	56.87998	2.380047

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054536	.0077851	143.6629	.0987299	.0403157	.0908124	82.88139
Stddev	.0000981	.0002604	.3765	.0002562	.0001292	.0009286	.19236
%RSD	1.798292	3.344483	.2620517	.2595037	.3204828	1.022582	.2320885

#1	.0055525	.0074859	144.0958	.0985566	.0403970	.0915805	83.07500
#2	.0054518	.0079602	143.4807	.0986089	.0401667	.0910763	82.87888
#3	.0053564	.0079092	143.4122	.0990242	.0403833	.0897803	82.69031

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.042953	62.46411	.0709845	-.004085	8.365041	.2025015	.3524724
Stddev	.019895	.28981	.0003570	.000077	.038939	.0016446	.0007165
%RSD	.3945186	.4639572	.5028767	1.874645	.4654955	.8121289	.2032717

#1	5.065843	62.79581	.0711458	-.004120	8.390010	.2019654	.3527465
#2	5.029818	62.33657	.0705754	-.004138	8.384939	.2043473	.3516593
#3	5.033198	62.25994	.0712324	-.003997	8.320174	.2011919	.3530114

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.334112	-428.775	-.087182	.0044767	1.198788	3.157939	.0029018
Stddev	.071641	1.854	.000447	.0002101	.010037	.033166	.0013925
%RSD	.7675193	.4323614	.5132751	4.693173	.8372994	1.050255	47.98837

#1	9.377837	-430.821	-.087220	.0043263	1.187382	3.196092	.0044949
#2	9.373065	-428.297	-.086717	.0043869	1.206271	3.141742	.0019165
#3	9.251434	-427.207	-.087609	.0047167	1.202712	3.135983	.0022940

Sample Name: I5683-07 Acquired: 10/13/2017 19:51:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AA5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.483767	.0716261	.3529591
Stddev	.008798	.0001956	.0012277
%RSD	.3542022	.2730667	.3478430

#1	2.492385	.0717373	.3537091
#2	2.484117	.0717408	.3536259
#3	2.474801	.0714003	.3515422

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	958.6300	994.0229	49811.38	11424.41	2174.927
Stddev	9.9525	2.1998	197.39	49.97	5.010
%RSD	1.038204	.2213014	.3962775	.4373838	.2303453

#1	949.0436	992.4791	49596.01	11377.24	2169.157
#2	957.9341	993.0479	49854.44	11419.21	2177.441
#3	968.9122	996.5417	49983.68	11476.78	2178.181

Sample Name: I5683-08 Acquired: 10/13/2017 19:55:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AA6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0298467	.0029531	.0660139	-.007658	.0003073	78.53028	2.139560
Stddev	.0057325	.0020374	.0009857	.003220	.0007456	.18274	.003714
%RSD	19.20631	68.99165	1.493089	42.04746	242.6350	.2326975	.1735742

#1	.0357691	.0009333	.0656221	-.011373	-.000139	78.74125	2.142793
#2	.0294458	.0050077	.0652844	-.005667	-.000108	78.42824	2.140385
#3	.0243252	.0029185	.0671352	-.005934	.001168	78.42134	2.135504

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067308	.0088512	43.05954	.0635883	.0539128	.1222059	109.5528
Stddev	.0000539	.0000223	.33243	.0013429	.0006214	.0000848	.3594
%RSD	.8015193	.2520623	.7720148	2.111851	1.152577	.0693895	.3280516

#1	.0066784	.0088388	43.06792	.0630098	.0540809	.1223006	109.7643
#2	.0067861	.0088770	43.38769	.0626317	.0544329	.1221369	109.7561
#3	.0067280	.0088378	42.72300	.0651235	.0532247	.1221804	109.1378

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.023430	20.89574	.0918284	-.005090	2.596238	.2208193	.2165296
Stddev	.006397	.03048	.0005530	.000459	.020255	.0038969	.0054233
%RSD	.2115851	.1458821	.6022515	9.011722	.7801744	1.764749	2.504663

#1	3.028091	20.89325	.0918034	-.004568	2.573238	.2223608	.2227632
#2	3.026061	20.86658	.0912883	-.005428	2.604065	.2237097	.2128940
#3	3.016136	20.92739	.0923935	-.005275	2.611413	.2163875	.2139315

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.74321	-463.688	-.173041	.0020618	.3697784	2.251279	.0060250
Stddev	.08506	1.990	.002028	.0004444	.0082119	.024806	.0007825
%RSD	.7917512	.4290860	1.171712	21.55319	2.220764	1.101850	12.98760

#1	10.82263	-464.151	-.172558	.0016021	.3659308	2.226766	.0069281
#2	10.65346	-461.508	-.171298	.0020941	.3792078	2.276367	.0055991
#3	10.75353	-465.406	-.175266	.0024891	.3641968	2.250704	.0055479

Sample Name: I5683-08 Acquired: 10/13/2017 19:55:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0AA6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.117763	.0716234	.2416162
Stddev	.011898	.0005014	.0004221
%RSD	.3816307	.7000815	.1746897

#1	3.116507	.0721301	.2418428
#2	3.130239	.0716128	.2418766
#3	3.106542	.0711274	.2411292

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1024.057	1059.567	52792.80	11961.89	2314.410
Stddev	5.424	4.619	66.13	36.57	9.803
%RSD	.5296941	.4358941	.1252723	.3057207	.4235527

#1	1029.059	1060.989	52808.99	11920.42	2319.832
#2	1018.291	1063.308	52849.33	11975.73	2320.304
#3	1024.821	1054.405	52720.07	11989.51	2303.094

Sample Name: I5683-09 Acquired: 10/13/2017 19:59:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AA7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0337689	.0003360	.0774767	-.008120	.0018111	72.06747	2.969122
Stddev	.0040415	.0044829	.0036060	.005910	.0018917	.42437	.015400
%RSD	11.96801	1334.050	4.654269	72.78670	104.4483	.5888560	.5186866

#1	.0295324	.0054563	.0781640	-.014047	.0001399	72.54430	2.986451
#2	.0375820	-.001566	.0735766	-.008088	.0014287	71.92685	2.963916
#3	.0341922	-.002883	.0806896	-.002226	.0038649	71.73126	2.957000

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072150	.0124128	362.6842	.1400468	.0624747	.1105863	129.6703
Stddev	.0001166	.0003200	.7674	.0008480	.0007278	.0008603	.5791
%RSD	1.616206	2.577801	.2115873	.6055004	1.164981	.7778974	.4465604

#1	.0072897	.0123291	363.1914	.1408545	.0616448	.1112821	130.2321
#2	.0072746	.0121430	363.0598	.1391636	.0630044	.1108522	129.7034
#3	.0070806	.0127663	361.8013	.1401225	.0627748	.1096245	129.0755

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.094500	42.33075	.1023925	-.008260	4.550922	.2682790	.3864639
Stddev	.010999	.15556	.0007811	.000094	.128588	.0020589	.0086359
%RSD	.2686258	.3674935	.7628609	1.140320	2.825534	.7674403	2.234602

#1	4.107073	42.50380	.1016399	-.008250	4.681066	.2674370	.3836291
#2	4.089766	42.20252	.1031993	-.008359	4.547751	.2706254	.3961609
#3	4.086660	42.28592	.1023382	-.008172	4.423949	.2667745	.3796017

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.12280	-614.328	-.175823	.0039552	1.581316	3.173969	-.000090
Stddev	.10753	2.408	.000864	.0001993	.013447	.084010	.001430
%RSD	.7613780	.3919157	.4914624	5.038092	.8503855	2.646845	1584.819

#1	14.23622	-615.218	-.176631	.0038701	1.587473	3.191700	-.000153
#2	14.02234	-611.602	-.175926	.0041829	1.565892	3.082509	-.001488
#3	14.10985	-616.164	-.174912	.0038126	1.590582	3.247698	.001370

Sample Name: I5683-09 Acquired: 10/13/2017 19:59:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0AA7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.401992	.0939287	.7444964
Stddev	.014978	.0011363	.0031637
%RSD	.4402739	1.209755	.4249384

#1	3.418541	.0951342	.7479742
#2	3.398069	.0928773	.7437257
#3	3.389366	.0937746	.7417893

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	966.9002	1002.107	49824.36	11534.16	2060.044
Stddev	4.8790	2.502	162.73	71.42	3.340
%RSD	.5046014	.2496449	.3266006	.6191667	.1621422

#1	968.3819	1004.812	49773.98	11452.51	2059.798
#2	961.4521	1001.630	49692.79	11584.99	2063.501
#3	970.8665	999.877	50006.32	11564.97	2056.834

Sample Name: I5683-10 Acquired: 10/13/2017 20:03:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AA8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0438403	-.002620	.1742604	-.004929	.0032503	82.63069	2.192331
Stddev	.0038321	.005044	.0003368	.000652	.0003706	.35102	.012288
%RSD	8.740941	192.5374	.1932949	13.22165	11.40182	.4248107	.5605150

#1	.0397497	-.006385	.1739629	-.005427	.0035685	82.84254	2.202002
#2	.0444244	.003111	.1746261	-.005169	.0033390	82.82402	2.196487
#3	.0473468	-.004585	.1741922	-.004192	.0028434	82.22550	2.178504

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078329	.0127983	69.92842	.1054568	.0763787	.1635524	118.2283
Stddev	.0001795	.0002057	.42628	.0009517	.0000297	.0004136	.4221
%RSD	2.290951	1.607568	.6095951	.9024310	.0388938	.2528638	.3570603

#1	.0076406	.0127856	69.69872	.1063587	.0763549	.1637137	118.0600
#2	.0078620	.0125992	69.66626	.1055496	.0764119	.1638611	117.9163
#3	.0079959	.0130101	70.42029	.1044622	.0763692	.1630825	118.7087

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.059972	36.34728	.1153006	-.006632	1.928160	.2108555	.4830829
Stddev	.024820	.19173	.0010031	.000167	.040701	.0009373	.0092979
%RSD	.4095725	.5274833	.8699977	2.518367	2.110859	.4445306	1.924701

#1	6.052858	36.54088	.1158433	-.006684	1.948493	.2116984	.4732534
#2	6.039486	36.34348	.1159155	-.006768	1.881299	.2098461	.4842576
#3	6.087572	36.15749	.1141431	-.006446	1.954687	.2110220	.4917376

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.26275	-343.731	-.170213	.0001895	2.933874	2.458099	.0069357
Stddev	.22964	3.022	.000878	.0005647	.031774	.016152	.0015064
%RSD	.9871775	.8790774	.5155750	298.0062	1.082989	.6570894	21.71889

#1	23.28199	-343.999	-.169777	-.000152	2.920841	2.469909	.0055573
#2	23.48217	-346.609	-.171223	-.000121	2.970092	2.464697	.0067063
#3	23.02409	-340.584	-.169639	.000841	2.910690	2.439693	.0085436

Sample Name: I5683-10 Acquired: 10/13/2017 20:03:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AA8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.877953	.0881300	.3472716
Stddev	.005973	.0013457	.0014034
%RSD	.3180460	1.526963	.4041104

#1	1.882158	.0882961	.3479893
#2	1.871116	.0893850	.3481710
#3	1.880585	.0867090	.3456546

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	998.1232	1054.048	52277.23	11791.08	2268.115
Stddev	2.9460	9.014	90.10	50.10	9.201
%RSD	.2951564	.8551923	.1723466	.4248686	.4056669

#1	1000.799	1043.941	52290.59	11768.94	2257.708
#2	994.966	1061.254	52181.20	11755.86	2271.463
#3	998.604	1056.950	52359.90	11848.43	2275.173

Sample Name: I5683-11 Acquired: 10/13/2017 20:07:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AA9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0340548	.0004519	.0637048	-.009920	.0015236	75.40167	1.806464
Stddev	.0012952	.0048563	.0030350	.004765	.0011531	.19441	.007121
%RSD	3.803326	1074.739	4.764101	48.02788	75.68218	.2578322	.3942080

#1	.0330069	.0060202	.0623276	-.006115	.0026879	75.52477	1.806695
#2	.0336546	-.001759	.0616025	-.015264	.0015008	75.50269	1.813467
#3	.0355029	-.002905	.0671841	-.008382	.0003820	75.17755	1.799230

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059652	.0073384	40.68298	.0669445	.0574405	.1034704	97.86734
Stddev	.0000407	.0003431	.28778	.0003278	.0004252	.0008593	.56369
%RSD	.6816036	4.675664	.7073613	.4897268	.7401860	.8305204	.5759708

#1	.0059496	.0070606	40.79799	.0673174	.0572502	.1043300	98.12730
#2	.0059347	.0072326	40.35549	.0667015	.0571438	.1026113	97.22058
#3	.0060114	.0077219	40.89547	.0668147	.0579276	.1034699	98.25413

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.606530	20.18792	.0786401	-.005467	2.634622	.2122484	.2228879
Stddev	.033132	.07793	.0014270	.000492	.063623	.0024049	.0064972
%RSD	.7192295	.3860163	1.814590	9.007553	2.414891	1.133034	2.915023

#1	4.615892	20.24423	.0801337	-.005070	2.658920	.2120710	.2238680
#2	4.569725	20.09898	.0772906	-.005312	2.682516	.2099372	.2159562
#3	4.633974	20.22056	.0784960	-.006018	2.562430	.2147371	.2288393

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.53068	-422.017	-.146213	.0009263	.1901426	1.605069	.0069000
Stddev	.09056	4.168	.002105	.0004611	.0072298	.024345	.0005943
%RSD	.8599753	.9876266	1.439368	49.77824	3.802309	1.516774	8.612202

#1	10.55666	-421.342	-.148069	.0007393	.1820366	1.624777	.0066980
#2	10.60540	-426.482	-.146643	.0014516	.1959248	1.577854	.0064332
#3	10.42996	-418.229	-.143927	.0005882	.1924665	1.612575	.0075690

Sample Name: I5683-11 Acquired: 10/13/2017 20:07:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0AA9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.622031	.0662795	.2200789
Stddev	.008898	.0004079	.0006002
%RSD	.3393480	.6153981	.2727140

#1	2.626895	.0666171	.2205752
#2	2.611762	.0663951	.2202496
#3	2.627437	.0658263	.2194119

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1033.903	1076.170	53144.46	12032.11	2370.252
Stddev	7.511	1.317	210.27	84.23	2.237
%RSD	.7264930	.1223636	.3956628	.7000293	.0943779

#1	1031.044	1077.380	53085.51	11937.19	2368.222
#2	1042.424	1074.768	53377.92	12061.20	2369.882
#3	1028.241	1076.362	52969.96	12097.93	2372.650

Sample Name: I5683-12 Acquired: 10/13/2017 20:11:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AB0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0202849	.0032119	.0728165	.0005916	.0010297	31.97971	1.840277
Stddev	.0052887	.0024559	.0007808	.0032793	.0008711	.14839	.003167
%RSD	26.07216	76.46306	1.072289	554.2613	84.59567	.4639993	.1721185

#1	.0202524	.0042918	.0735071	.0015066	.0000337	32.07476	1.837506
#2	.0255897	.0004011	.0719692	-.003048	.0014058	32.05564	1.843730
#3	.0150125	.0049429	.0729730	.003316	.0016495	31.80872	1.839596

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034914	.0052077	64.90522	.0481576	.0353894	.0782572	52.06770
Stddev	.0000706	.0001192	.05551	.0002563	.0006932	.0003447	.13854
%RSD	2.023511	2.288078	.0855213	.5322692	1.958731	.4404307	.2660724

#1	.0034518	.0052012	64.85960	.0484525	.0361818	.0783568	52.22033
#2	.0034495	.0050919	64.88904	.0479882	.0350909	.0778737	52.03288
#3	.0035730	.0053299	64.96702	.0480322	.0348954	.0785410	51.94989

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.777872	16.70092	.0439136	-.003211	1.478957	.1331500	.3739478
Stddev	.003073	.07520	.0004832	.000470	.014950	.0019444	.0048845
%RSD	.1728656	.4502500	1.100245	14.64882	1.010836	1.460322	1.306193

#1	1.778045	16.71466	.0439905	-.003754	1.463380	.1332629	.3794836
#2	1.774716	16.76830	.0433967	-.002929	1.480304	.1350355	.3721149
#3	1.780855	16.61980	.0443537	-.002950	1.493189	.1311515	.3702448

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.820797	-222.383	-.065646	-.000260	6.642651	2.947110	.0013329
Stddev	.024401	.851	.001984	.000516	.005279	.042539	.0015605
%RSD	.2484613	.3828271	3.022295	198.7163	.0794675	1.443426	117.0819

#1	9.815547	-221.976	-.064032	-.000439	6.648316	2.978975	.0027102
#2	9.847395	-223.362	-.065044	.000322	6.637870	2.898804	.0016503
#3	9.799448	-221.812	-.067861	-.000662	6.641768	2.963552	-.000362

Sample Name: I5683-12 Acquired: 10/13/2017 20:11:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AB0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.547067	.0412696	.3387273
Stddev	.002322	.0004689	.0006320
%RSD	.1500951	1.136118	.1865962

#1	1.547458	.0411471	.3386440
#2	1.544574	.0417876	.3393969
#3	1.549169	.0408742	.3381411

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	922.1425	955.5974	48845.23	11006.24	2329.732
Stddev	6.8930	1.8905	212.08	45.75	7.976
%RSD	.7475028	.1978293	.4341776	.4156519	.3423475

#1	915.0439	956.9888	48603.25	11030.80	2330.363
#2	922.5739	956.3584	48933.63	10953.45	2337.373
#3	928.8098	953.4451	48998.81	11034.45	2321.459

Sample Name: I5683-13 Acquired: 10/13/2017 20:15:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AB1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0154135	.0039991	.0742972	.0011257	-.000119	35.78024	1.313493
Stddev	.0031919	.0005433	.0022585	.0019173	.000604	.15440	.001356
%RSD	20.70818	13.58445	3.039889	170.3153	507.3042	.4315139	.1032338

#1	.0178155	.0044558	.0767764	.0005997	-.000727	35.78470	1.315040
#2	.0117916	.0041430	.0723568	-.000474	.000480	35.62366	1.312509
#3	.0166332	.0033983	.0737585	.003251	-.000110	35.93236	1.312931

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034979	.0056531	41.38132	.0593326	.0389840	.0744479	71.08603
Stddev	.0000167	.0000542	.04177	.0002643	.0002782	.0006133	.61312
%RSD	.4782393	.9583646	.1009456	.4454883	.7136198	.8238419	.8624972

#1	.0034860	.0057076	41.42884	.0596367	.0387421	.0740323	70.93554
#2	.0034907	.0055992	41.36470	.0591581	.0392880	.0741591	70.56217
#3	.0035171	.0056525	41.35042	.0592029	.0389218	.0751523	71.76038

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.194288	17.18974	.0456732	-.004274	1.674828	.1928100	.2901797
Stddev	.011903	.11147	.0012294	.000130	.065441	.0011429	.0027727
%RSD	.9966792	.6484661	2.691791	3.032055	3.907297	.5927439	.9554984

#1	1.194219	17.22629	.0469746	-.004266	1.719499	.1937144	.2912854
#2	1.182419	17.06459	.0445313	-.004408	1.599712	.1915255	.2922289
#3	1.206225	17.27835	.0455139	-.004149	1.705274	.1931901	.2870248

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.33685	-283.180	-.098598	-.000840	2.786525	2.844583	.0053770
Stddev	.06118	1.339	.001276	.000234	.030659	.033884	.0012166
%RSD	.5918818	.4727929	1.294444	27.85668	1.100246	1.191167	22.62624

#1	10.36050	-284.726	-.098073	-.000570	2.818794	2.869608	.0054318
#2	10.26737	-282.365	-.097669	-.000983	2.783002	2.806024	.0065653
#3	10.38268	-282.451	-.100054	-.000966	2.757781	2.858118	.0041339

Sample Name: I5683-13 Acquired: 10/13/2017 20:15:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0AB1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.692807	.0454294	.2494757
Stddev	.015574	.0002211	.0007288
%RSD	.5783620	.4866462	.2921214

#1	2.695064	.0454091	.2502471
#2	2.676228	.0452192	.2487987
#3	2.707130	.0456599	.2493814

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	949.5313	1002.871	50096.67	11177.10	2409.669
Stddev	16.0384	4.901	217.81	47.32	11.860
%RSD	1.689083	.4887188	.4347708	.4233637	.4921973

#1	941.4475	1003.117	49915.62	11146.56	2400.042
#2	939.1434	997.851	50036.01	11231.61	2406.047
#3	968.0030	1007.644	50338.37	11153.13	2422.918

Sample Name: I5683-14 Acquired: 10/13/2017 20:19:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AB2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0289008	.0032900	.0959496	.0024425	-.000291	31.57705	1.365401
Stddev	.0019765	.0027377	.0041034	.0011434	.000526	.09731	.004750
%RSD	6.838995	83.21342	4.276661	46.81145	180.5960	.3081568	.3478622

#1	.0277393	.0062285	.0930255	.0011263	-.000092	31.62089	1.368077
#2	.0277802	.0028302	.0941829	.0031897	.000106	31.64473	1.368208
#3	.0311830	.0008113	.1006405	.0030116	-.000888	31.46554	1.359917

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037639	.0058929	76.82382	.0727389	.0406222	.1114300	59.54409
Stddev	.0001624	.0001482	.51964	.0003464	.0005153	.0014163	.18031
%RSD	4.313664	2.515028	.6764035	.4762607	1.268614	1.271061	.3028094

#1	.0035810	.0057222	77.38556	.0724594	.0409166	.1110092	59.73749
#2	.0038909	.0059674	76.72562	.0726307	.0400272	.1130091	59.38063
#3	.0038198	.0059891	76.36030	.0731265	.0409230	.1102718	59.51414

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.652025	26.01287	.0469312	-.003139	1.342161	.1971782	.5274053
Stddev	.008193	.04539	.0004334	.000142	.054027	.0025519	.0062521
%RSD	.4959595	.1744788	.9235714	4.527167	4.025351	1.294233	1.185446

#1	1.659680	25.98095	.0472210	-.003081	1.368542	.1995858	.5252601
#2	1.643383	25.99283	.0471396	-.003301	1.280013	.1974458	.5225082
#3	1.653014	26.06482	.0464329	-.003036	1.377929	.1945030	.5344476

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.159625	-227.238	-.080649	-.000437	6.678428	2.275518	.0097372
Stddev	.070480	1.198	.001234	.000578	.042623	.048134	.0011641
%RSD	.7694644	.5271638	1.529631	132.3222	.6382189	2.115289	11.95547

#1	9.082094	-226.175	-.081675	.000176	6.640259	2.226077	.0109963
#2	9.219818	-227.003	-.079281	-.000513	6.670605	2.278248	.0087000
#3	9.176964	-228.536	-.080992	-.000972	6.724421	2.322228	.0095154

Sample Name: I5683-14 Acquired: 10/13/2017 20:19:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AB2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.434281	.0419538	.2886782
Stddev	.003878	.0002056	.0009177
%RSD	.2704103	.4900660	.3179135

#1	1.438759	.0417215	.2891513
#2	1.431976	.0421124	.2892628
#3	1.432108	.0420275	.2876204

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	922.1610	957.9823	48644.20	10884.09	2320.040
Stddev	4.8338	4.9804	69.36	26.84	5.875
%RSD	.5241867	.5198806	.1425889	.2466424	.2532121

#1	919.1499	955.0333	48643.06	10880.85	2318.547
#2	927.7367	955.1811	48714.12	10912.40	2315.055
#3	919.5965	963.7325	48575.41	10859.00	2326.516

Sample Name: I5683-15 Acquired: 10/13/2017 20:23:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AB5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0260359	.0032662	.0839223	-.001544	.0001652	32.69525	1.779093
Stddev	.0120427	.0026423	.0041490	.003925	.0021153	.07561	.004692
%RSD	46.25427	80.89861	4.943871	254.2016	1280.327	.2312547	.2637074

#1	.0352886	.0004378	.0805990	-.000285	.0025456	32.77675	1.780955
#2	.0303994	.0056713	.0885724	-.005944	-.000551	32.62739	1.773756
#3	.0124197	.0036893	.0825955	.001597	-.001499	32.68162	1.782568

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034308	.0049775	44.10333	.0528114	.0301099	.0670585	59.18108
Stddev	.0001294	.0004265	.27509	.0004474	.0000761	.0003679	.30443
%RSD	3.772428	8.568437	.6237462	.8472174	.2526578	.5486253	.5143999

#1	.0032880	.0052522	44.26480	.0531657	.0301564	.0674034	59.29858
#2	.0034640	.0044862	44.25949	.0529597	.0300221	.0671009	59.40926
#3	.0035404	.0051941	43.78569	.0523086	.0301512	.0666713	58.83542

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7018851	16.68295	.0391651	-.003904	1.610277	.1555430	.3029849
Stddev	.0070820	.06948	.0009640	.000375	.100660	.0011985	.0115161
%RSD	1.009003	.4164534	2.461388	9.612495	6.251106	.7705058	3.800870

#1	.7051722	16.76261	.0402736	-.003472	1.668572	.1544773	.3162738
#2	.7067263	16.63495	.0385228	-.004146	1.494045	.1553113	.2967563
#3	.6937568	16.65127	.0386990	-.004094	1.668214	.1568404	.2959245

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.664584	-270.021	-.081458	-.000671	4.810353	2.582712	.0036133
Stddev	.091983	.783	.000935	.000413	.019049	.019703	.0011387
%RSD	.9517585	.2899931	1.148380	61.57401	.3959957	.7628982	31.51471

#1	9.690770	-269.148	-.082538	-.000533	4.800335	2.599905	.0035958
#2	9.562346	-270.250	-.080890	-.000345	4.832321	2.587020	.0024834
#3	9.740634	-270.663	-.080947	-.001136	4.798405	2.561211	.0047606

Sample Name: I5683-15 Acquired: 10/13/2017 20:23:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0AB5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.965788	.0403195	.2660984
Stddev	.002540	.0002595	.0003991
%RSD	.1292095	.6436170	.1499646

#1	1.968615	.0405503	.2658417
#2	1.965048	.0400386	.2658953
#3	1.963700	.0403695	.2665581

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	966.6585	1001.618	50041.07	11087.00	2408.912
Stddev	8.3343	4.423	158.18	23.50	2.098
%RSD	.8621810	.4415484	.3161082	.2119966	.0870901

#1	960.1558	1006.722	50056.60	11061.45	2409.841
#2	963.7659	999.209	49875.70	11091.85	2410.386
#3	976.0537	998.923	50190.92	11107.70	2406.511

Sample Name: I5683-16 Acquired: 10/13/2017 20:27:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AE2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0360956	.0003823	.0725304	-.007291	.0015841	78.90826	1.775509
Stddev	.0054380	.0042229	.0007871	.003407	.0026437	.22876	.005580
%RSD	15.06563	1104.495	1.085217	46.72875	166.8868	.2899108	.3142826

#1	.0335584	.0015283	.0734214	-.005893	-.001061	79.17231	1.780343
#2	.0323898	-.004295	.0722402	-.011175	.004227	78.78257	1.769402
#3	.0423385	.003914	.0719295	-.004806	.001586	78.76988	1.776782

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066550	.0081447	41.73138	.1024818	.0568727	.1092686	106.3033
Stddev	.0001006	.0001170	.09750	.0002506	.0002465	.0011975	.2706
%RSD	1.511240	1.436696	.2336471	.2445094	.4334651	1.095930	.2545289

#1	.0065408	.0082177	41.64116	.1025407	.0565968	.1106065	106.5894
#2	.0066941	.0080097	41.83482	.1026977	.0569501	.1082973	106.2691
#3	.0067302	.0082066	41.71817	.1022071	.0570713	.1089018	106.0515

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.324809	21.38225	.0999503	-.005941	2.829362	.2136635	.2364018
Stddev	.007386	.12833	.0009437	.000152	.061557	.0009096	.0025944
%RSD	.2221351	.6001545	.9441824	2.553260	2.175662	.4257081	1.097433

#1	3.332920	21.51070	.0988638	-.005959	2.900348	.2144887	.2334321
#2	3.323032	21.25405	.1005660	-.005781	2.790709	.2138137	.2382278
#3	3.318473	21.38200	.1004211	-.006083	2.797028	.2126882	.2375455

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.97727	-358.026	-.160627	.0040995	.2725983	1.813190	.0047663
Stddev	.06580	1.205	.001525	.0001900	.0076459	.021269	.0005053
%RSD	.5994414	.3364530	.9496254	4.633512	2.804835	1.172999	10.60222

#1	11.05310	-357.911	-.162370	.0040224	.2670981	1.831189	.0052801
#2	10.94358	-359.284	-.159975	.0039603	.2693675	1.818662	.0042699
#3	10.93514	-356.884	-.159535	.0043159	.2813293	1.789721	.0047490

Sample Name: I5683-16 Acquired: 10/13/2017 20:27:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AE2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.341183	.0792899	.2451782
Stddev	.001330	.0006469	.0006624
%RSD	.0567902	.8158212	.2701898

#1	2.341395	.0800345	.2457767
#2	2.342394	.0789684	.2444664
#3	2.339760	.0788667	.2452914

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1006.385	1054.672	52152.91	11831.75	2344.721
Stddev	3.910	1.581	68.79	48.60	4.468
%RSD	.3885301	.1499485	.1319057	.4107858	.1905511

#1	1007.674	1054.289	52186.67	11777.16	2341.058
#2	1009.489	1053.317	52198.31	11870.31	2343.407
#3	1001.994	1056.410	52073.76	11847.79	2349.699

Sample Name: CCV058 Acquired: 10/13/2017 20:31:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV058 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.950523	5.367046	25.59413	4.836726	4.967400	392.3619
Stddev	.005942	.019134	.06636	.007586	.023712	.4971
%RSD	.1200310	.3565081	.2592889	.1568423	.4773492	.1266860

#1	4.943832	5.359792	25.54494	4.830234	4.946823	392.5814
#2	4.952553	5.352600	25.56785	4.845065	4.962047	392.7115
#3	4.955184	5.388747	25.66961	4.834879	4.993331	391.7929

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.26254	.5295025	2.544959	399.7661	15.29772	2.512450
Stddev	.06121	.0030380	.006423	3.1945	.04028	.007042
%RSD	.5964054	.5737380	.2523854	.7991027	.2633242	.2802793

#1	10.21128	.5323128	2.540516	403.1548	15.34417	2.508869
#2	10.24602	.5299155	2.542038	396.8097	15.27656	2.507918
#3	10.33031	.5262792	2.552324	399.3338	15.27242	2.520563

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.73790	396.2604	15.25567	398.8149	2.445423	1.348375
Stddev	.04335	1.8694	.08342	1.0636	.010535	.002706
%RSD	.2754704	.4717674	.5468453	.2666909	.4308085	.2006932

#1	15.68895	398.3589	15.34929	399.9983	2.436482	1.350094
#2	15.77147	395.6492	15.22853	398.5077	2.442749	1.349776
#3	15.75328	394.7731	15.18920	397.9387	2.457037	1.345256

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	398.3727	2.538506	15.58966	156.7783	F 4.130239	4.643531
Stddev	.3657	.008025	.04571	1.1477	.225140	.045446
%RSD	.0917934	.3161216	.2931995	.7320427	5.451025	.9786974

#1	398.6608	2.547216	15.56824	155.7090	4.141719	4.690586
#2	398.4959	2.531412	15.55859	157.9909	4.349419	4.640122
#3	397.9613	2.536890	15.64215	156.6349	3.899578	4.599886

Sample Name: CCV058 Acquired: 10/13/2017 20:31:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV058 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.933626	4.931358	5.152610	4.870055	5.104380	5.210299
Stddev	.015301	.020496	.028153	.026746	.025956	.028129
%RSD	.3101354	.4156159	.5463799	.5492022	.5085084	.5398776

#1	4.916007	4.907812	5.182367	4.839426	5.132730	5.183740
#2	4.941298	4.945187	5.149067	4.881940	5.081783	5.239772
#3	4.943574	4.941077	5.126397	4.888799	5.098626	5.207384

Elem	Sr4077
Units	ppm
Avg	5.178147
Stddev	.002397
%RSD	.0462816

#1	5.178917
#2	5.180064
#3	5.175460

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	766.9073	808.2626	40453.54	9840.774	1728.582
Stddev	3.0373	1.5184	149.55	22.831	4.501
%RSD	.3960477	.1878648	.3696787	.2320041	.2603643

#1	769.4594	809.6707	40626.22	9817.521	1730.491
#2	767.7146	808.4633	40366.37	9841.643	1731.814
#3	763.5479	806.6538	40368.04	9863.158	1723.442

Sample Name: CCB058 Acquired: 10/13/2017 20:36:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB058 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008578	.0030154	.0016263	-.001766	-.000932	.0058768
Stddev	.0035283	.0009700	.0017103	.000824	.001396	.0012785
%RSD	411.2967	32.16667	105.1661	46.64471	149.7889	21.75481

#1	.0006920	.0024338	.0012339	-.000860	-.002218	.0073506
#2	.0044661	.0024773	.0034987	-.001969	-.001131	.0050663
#3	-.002585	.0041352	.0001463	-.002469	.000553	.0052134

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001302	.0000281	.0000781	-.003478	-.000399	.0002899
Stddev	.000047	.0000224	.0001576	.002583	.000288	.0002342
%RSD	3.588451	79.81046	201.7922	74.26274	72.14428	80.79782

#1	-.001348	.0000309	.0001005	-.000918	-.000099	.0000227
#2	-.001303	.0000044	-.000089	-.003433	-.000425	.0003871
#3	-.001255	.0000490	.000223	-.006084	-.000672	.0004598

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000232	.0106029	.0004050	.0277457	.0000733	.0000462
Stddev	.000459	.0027537	.0001493	.0056267	.0003666	.0002846
%RSD	198.1458	25.97106	36.85560	20.27940	499.9705	615.7068

#1	.000267	.0136078	.0002677	.0313311	-.000349	-.000254
#2	-.000324	.0082001	.0005639	.0306454	.000312	.000313
#3	-.000638	.0100008	.0003833	.0212607	.000256	.000079

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0190447	-.001681	-.002132	-.103948	F -.063058	.0052098
Stddev	.0949458	.001996	.002116	.009853	.091616	.0009398
%RSD	498.5430	118.7192	99.22180	9.478713	145.2875	18.03900

#1	-.088292	-.003753	-.002999	-.094341	-.085413	.0062319
#2	.092048	.000229	-.003677	-.103474	-.141428	.0043831
#3	.053377	-.001519	.000279	-.114030	.037666	.0050143

Sample Name: CCB058 Acquired: 10/13/2017 20:36:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v219) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB058 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001353	-.017264	.0006161	-.002288	.0002470	-.000532
Stddev	.0002789	.007284	.0013978	.000465	.0005731	.000044
%RSD	206.1841	42.19490	226.8657	20.32739	232.0629	8.366892

#1	-.000055	-.011729	-.000928	-.002713	-.000332	-.000509
#2	.000456	-.014546	.001794	-.002362	.000814	-.000504
#3	.000005	-.025516	.000983	-.001791	.000259	-.000583

Elem	Sr4077
Units	ppm
Avg	.0000288
Stddev	.0000268
%RSD	93.27422

#1	.0000588
#2	.0000072
#3	.0000203

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	997.9648	1037.409	51704.45	11221.96	2803.183
Stddev	4.6825	.790	122.22	35.89	1.264
%RSD	.4692031	.0761420	.2363838	.3197950	.0450832

#1	994.8353	1036.513	51682.06	11186.63	2801.999
#2	995.7111	1038.006	51594.98	11258.38	2804.514
#3	1003.348	1037.707	51836.32	11220.88	2803.038