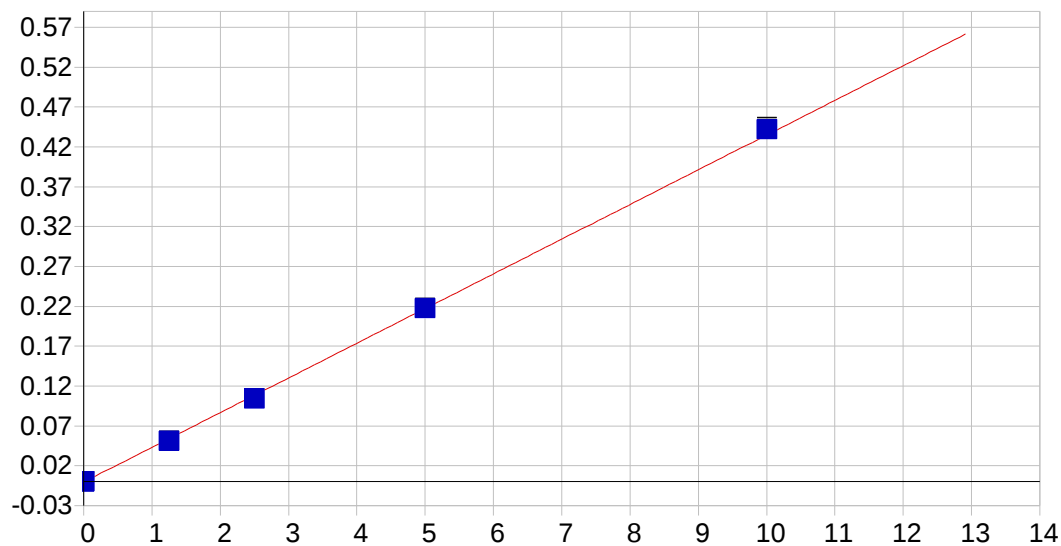


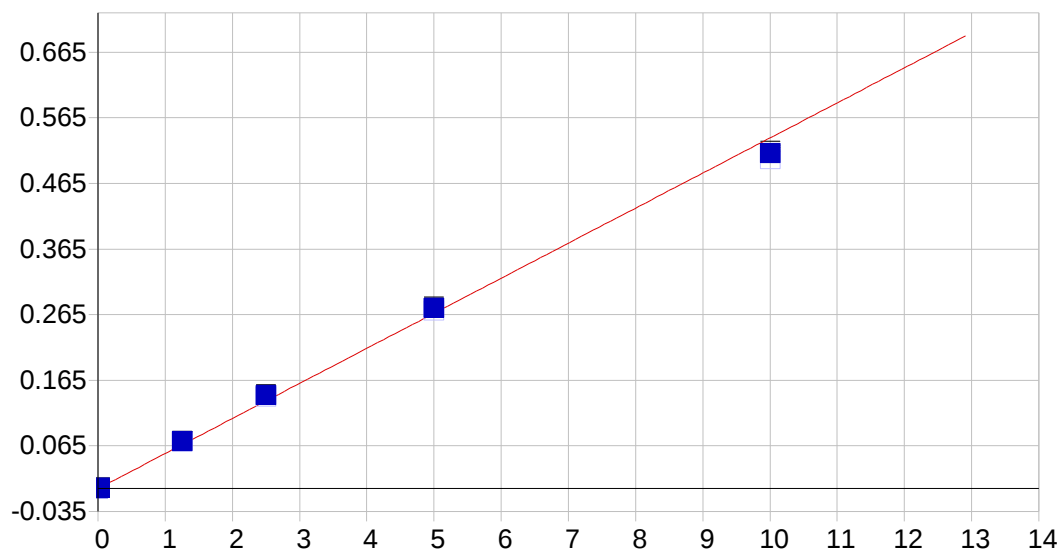


As 189.042 {479}

Date of Fit: 10/3/2017 15:34:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000353 Re-Slope: 1.000000
 A1 (Gain): 0.043521 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999703 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.004676
 Predicted MQL: 0.015588

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00035	.000	1
S1	.01000	.01186	.002	18.6	.00016	.000	1
S2	1.2500	1.1815	-.068	-5.48	.05105	.000	1
S3	2.5000	2.3966	-.103	-4.14	.10392	.000	1
S4	5.0000	5.0043	.004	.087	.21738	.000	1
S5	10.000	10.166	.166	1.66	.44194	.002	1

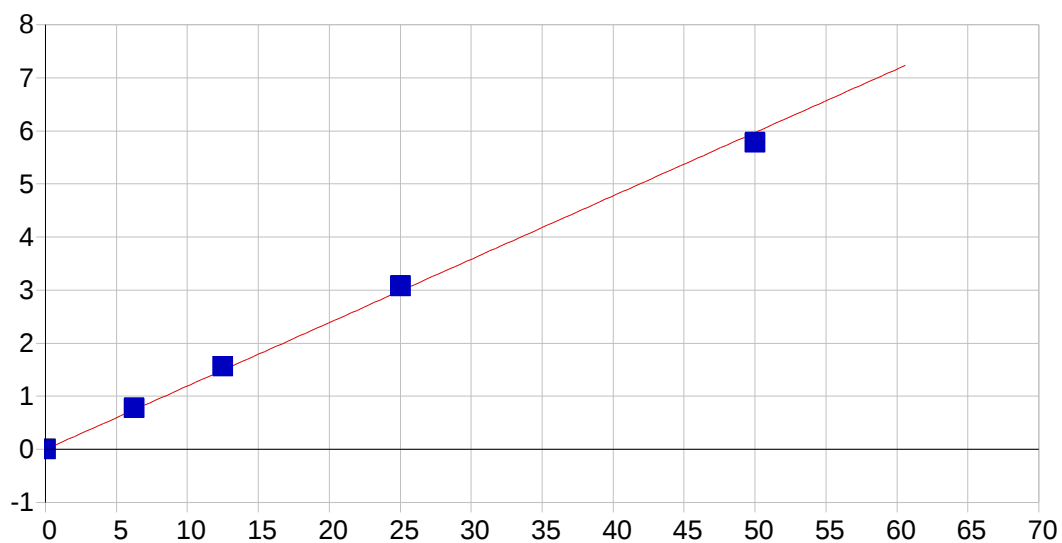


TI 190.856 {477}

Date of Fit: 10/3/2017 15:34:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000152 Re-Slope: 1.000000
 A1 (Gain): 0.053445 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998814 Status: OK.
 Std Error of Est: 0.000068
 Predicted MDL: 0.002271
 Predicted MQL: 0.007571

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00015	.000	1
S1	.02500	.02792	.003	11.7	.00123	.000	1
S2	1.2500	1.3499	.100	7.99	.07078	.000	1
S3	2.5000	2.6677	.168	6.71	.14000	.001	1
S4	5.0000	5.1585	.159	3.17	.27069	.001	1
S5	10.000	9.5711	-.429	-4.29	.50166	.003	1

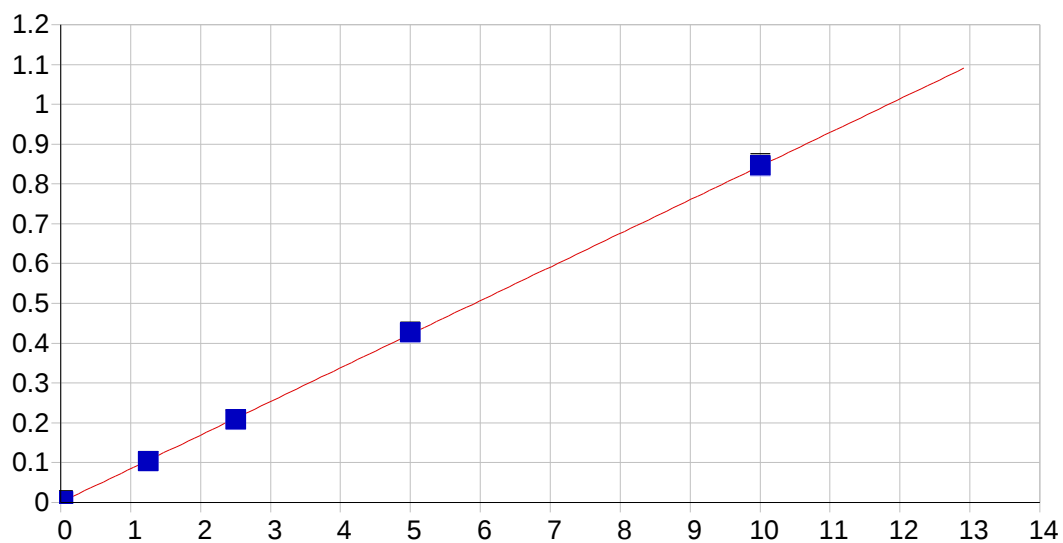


Pb 220.353 {453}

Date of Fit: 10/3/2017 15:34:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000187 Re-Slope: 1.000000
 A1 (Gain): 0.119392 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999412 Status: OK.
 Std Error of Est: 0.000154
 Predicted MDL: 0.001910
 Predicted MQL: 0.006366

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00019	.000	1
S1	.01000	.00986	.000	-1.41	.00099	.000	1
S2	6.2500	6.5158	.266	4.25	.77797	.001	1
S3	12.500	13.098	.598	4.79	1.5641	.003	1
S4	25.000	25.717	.717	2.87	3.0711	.011	1
S5	50.000	48.419	-1.58	-3.16	5.7824	.002	1

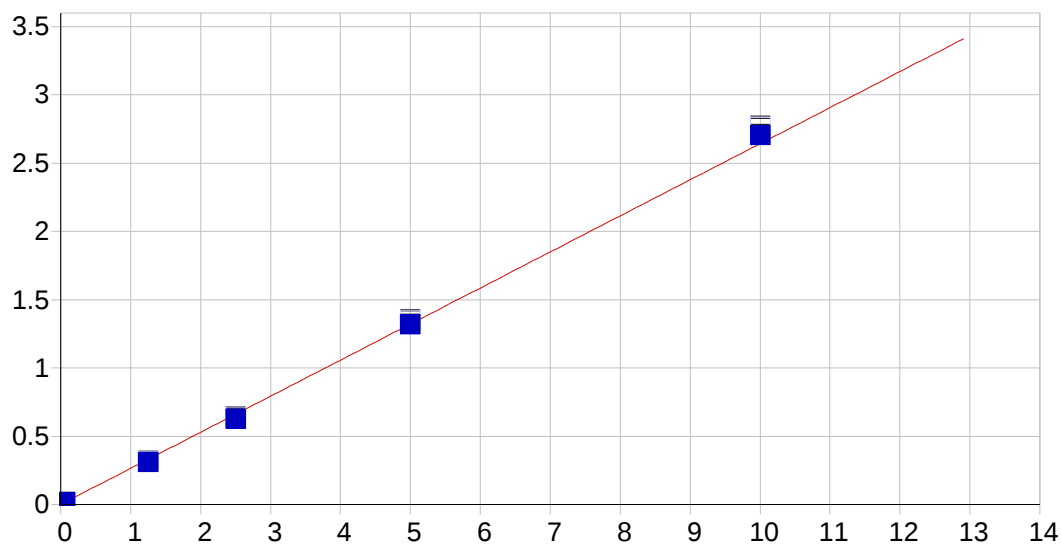


Se 196.090 {472}

Date of Fit: 10/3/2017 15:34:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000371 Re-Slope: 1.000000
 A1 (Gain): 0.084434 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.003312
 Predicted MQL: 0.011040

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00037	.000	1
S1	.03500	.03368	-.001	-3.78	.00321	.000	1
S2	1.2500	1.2226	-.027	-2.19	.10321	.000	1
S3	2.5000	2.4598	-.040	-1.61	.20728	.000	1
S4	5.0000	5.0565	.056	1.13	.42575	.001	1
S5	10.000	10.012	.012	.124	.84264	.005	1

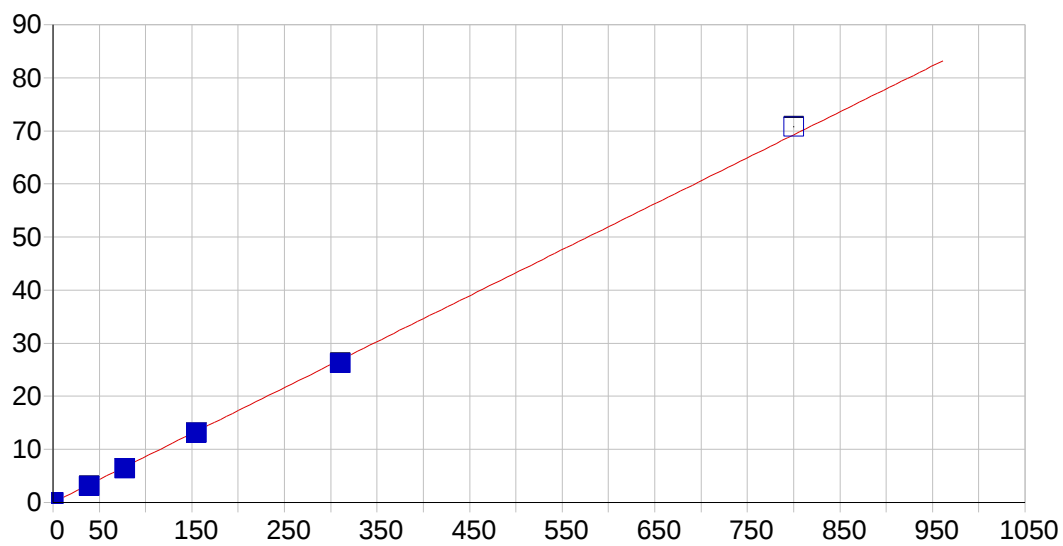


Sb 206.833 {463}

Date of Fit: 10/3/2017 15:34:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000580 Re-Slope: 1.000000
 A1 (Gain): 0.264191 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999559 Status: OK.
 Std Error of Est: 0.000330
 Predicted MDL: 0.001297
 Predicted MQL: 0.004324

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00058	.000	1
S1	.06000	.05526	-.005	-7.89	.01518	.000	1
S2	1.2500	1.1701	-.080	-6.39	.31765	.001	1
S3	2.5000	2.3705	-.130	-5.18	.64272	.000	1
S4	5.0000	4.9868	-.013	-.265	1.3498	.005	1
S5	10.000	10.227	.227	2.27	2.7660	.008	1

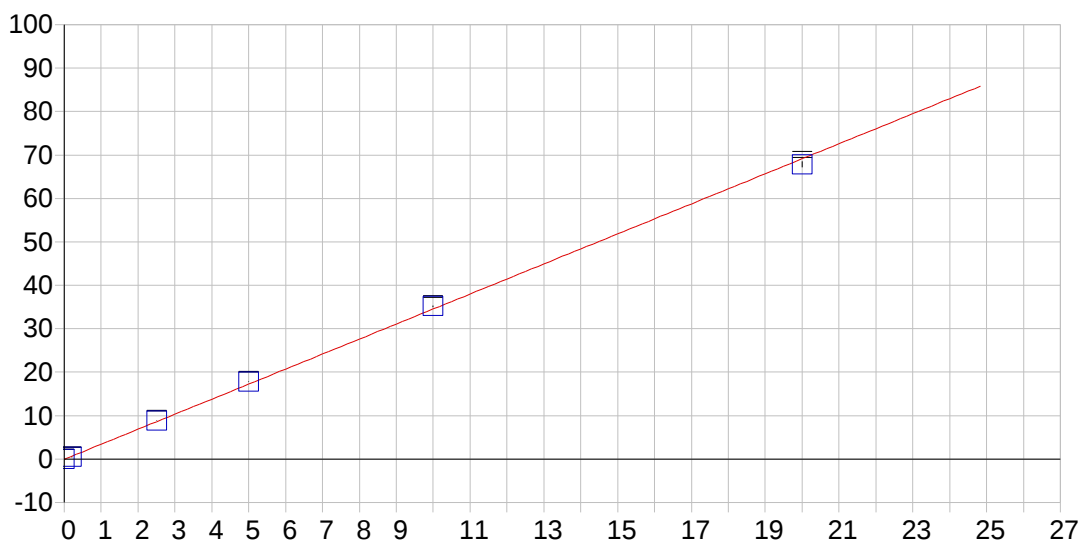


AI 396.152 { 85}

Date of Fit: 10/3/2017 15:34:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000553 Re-Slope: 1.000000
 A1 (Gain): 0.086560 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999638 Status: OK.
 Std Error of Est: 0.001449
 Predicted MDL: 0.003799
 Predicted MQL: 0.012662

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00006	.000	.000	.00056	.000	1
S1	.20000	.17319	-.027	-13.4	.01558	.000	1
S2	38.750	35.891	-2.86	-7.38	3.1113	.020	1
S3	77.500	73.750	-3.75	-4.84	6.3924	.015	1
S4	155.00	151.81	-3.19	-2.06	13.157	.014	1
S5	310.00	302.70	-7.30	-2.36	26.234	.094	1
S6	800.00	817.15	17.1	2.14	70.733	.101	1

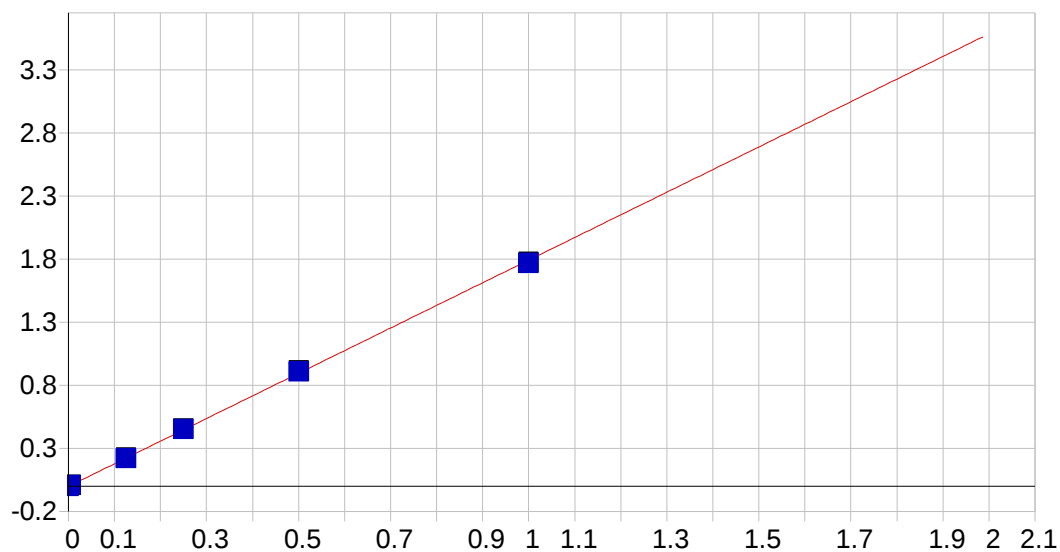


Ba 493.409 { 68}

Date of Fit: 10/3/2017 15:34:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.052058 Re-Slope: 1.000000
 A1 (Gain): 3.459180 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999603 Status: OK.
 Std Error of Est: 0.010359
 Predicted MDL: 0.000352
 Predicted MQL: 0.001172

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	-.05193	.001	1
S1	.20000	.15068	-.049	-24.7	.46916	.004	1
S2	2.5000	2.5721	.072	2.88	8.8451	.058	1
S3	5.0000	5.1650	.165	3.30	17.815	.038	1
S4	10.000	10.183	.183	1.83	35.173	.200	1
S5	20.000	19.629	-.371	-1.85	67.849	.747	1

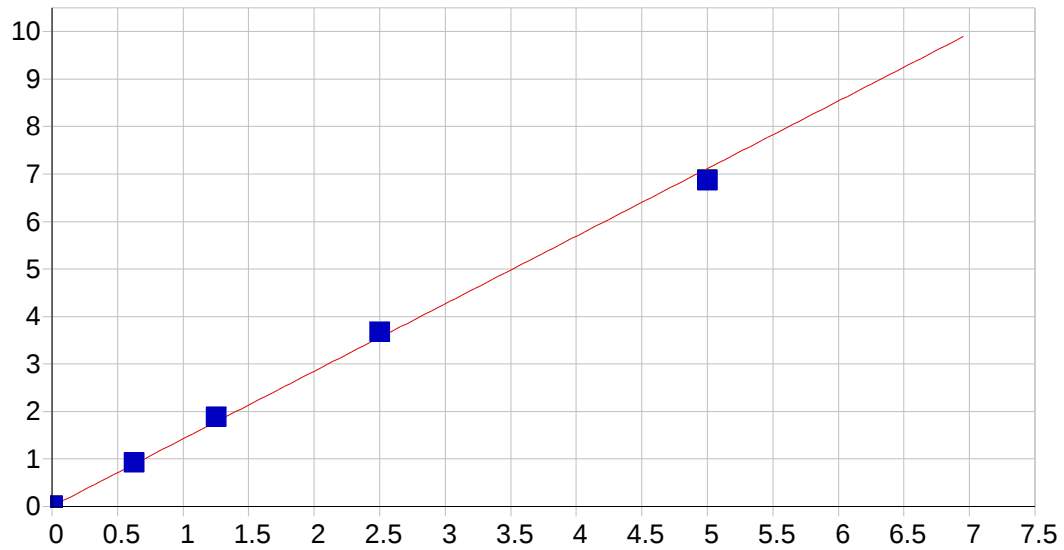


Be 234.861 {144}

Date of Fit: 10/3/2017 15:34:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001237 Re-Slope: 1.000000
 A1 (Gain): 1.792867 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999895 Status: OK.
 Std Error of Est: 0.000097
 Predicted MDL: 0.000090
 Predicted MQL: 0.000301

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00124	.000	1
S1	.00500	.00558	.001	11.7	.00877	.000	1
S2	.12500	.12492	.000	-.066	.22197	.002	1
S3	.25000	.25351	.004	1.41	.45177	.001	1
S4	.50000	.50802	.008	1.60	.90656	.006	1
S5	1.0000	.98797	-.012	-1.20	1.7640	.008	1

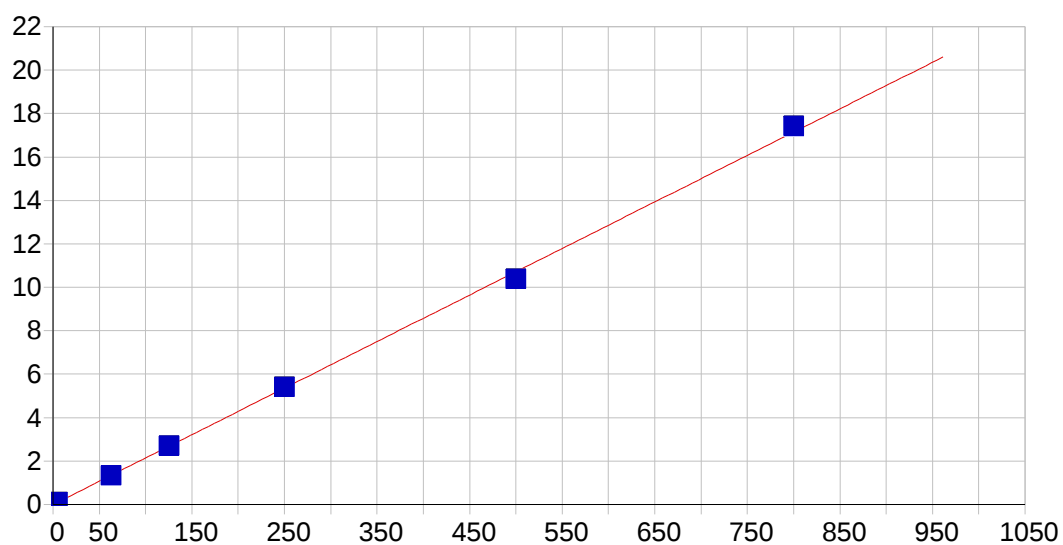


Cd 214.438 {457}

Date of Fit: 10/3/2017 15:34:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000904 Re-Slope: 1.000000
 A1 (Gain): 1.422911 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999237 Status: OK.
 Std Error of Est: 0.000467
 Predicted MDL: 0.000129
 Predicted MQL: 0.000428

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00090	.000	1
S1	.00500	.00506	.000	1.19	.00811	.000	1
S2	.62500	.64796	.023	3.67	.92499	.002	1
S3	1.2500	1.3238	.074	5.91	1.8888	.011	1
S4	2.5000	2.5827	.083	3.31	3.6842	.005	1
S5	5.0000	4.8204	-.180	-3.59	6.8767	.008	1

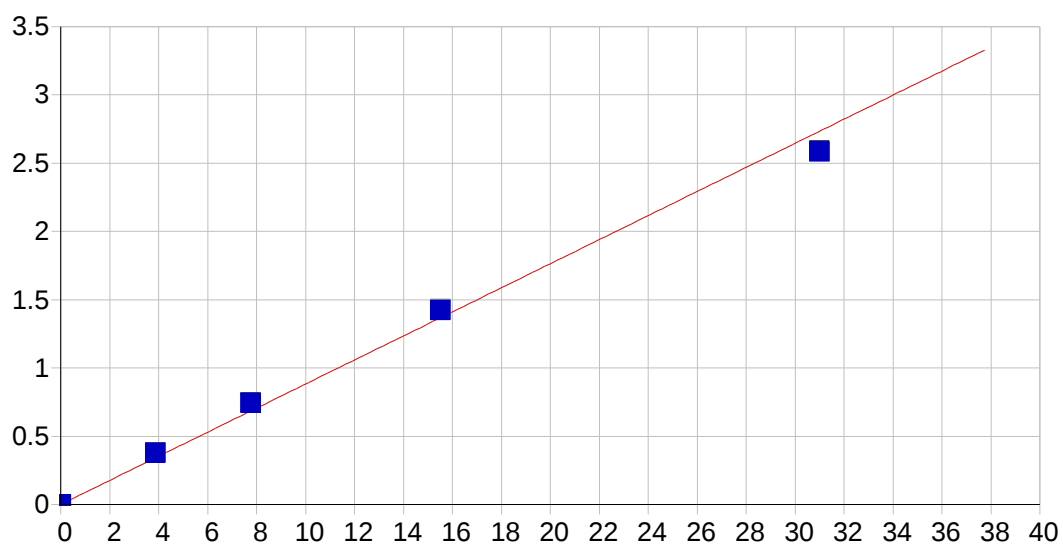


Ca 373.690 { 90}

Date of Fit: 10/3/2017 15:34:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000754 Re-Slope: 1.000000
 A1 (Gain): 0.021430 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999788 Status: OK.
 Std Error of Est: 0.001539
 Predicted MDL: 0.010867
 Predicted MQL: 0.036224

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00024	.000	.000	.00076	.000	1
S1	5.0000	4.7906	-.209	-4.19	.10341	.001	1
S2	62.500	61.909	-.591	-.946	1.3258	.002	1
S3	125.00	126.26	1.26	1.01	2.7033	.007	1
S4	250.00	252.22	2.22	.887	5.3993	.012	1
S5	500.00	484.45	-15.5	-3.11	10.370	.010	1
S6	800.00	812.88	12.9	1.61	17.386	.010	1

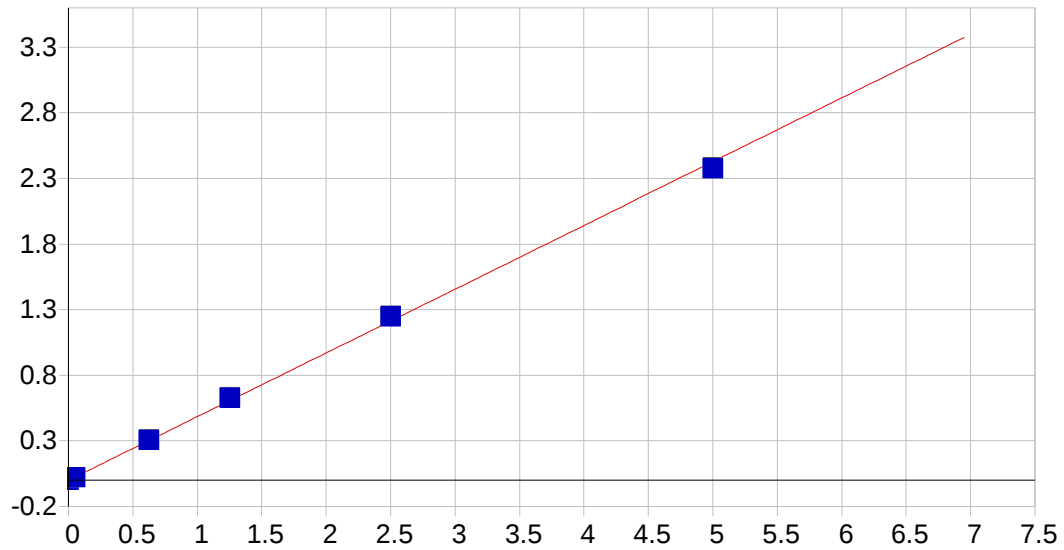


Cr 267.716 {126}

Date of Fit: 10/3/2017 15:34:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000057 Re-Slope: 1.000000
 A1 (Gain): 0.088184 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998099 Status: OK.
 Std Error of Est: 0.000161
 Predicted MDL: 0.000519
 Predicted MQL: 0.001729

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00006	.000	1
S1	.01000	.01180	.002	18.0	.00111	.000	1
S2	3.8750	4.2768	.402	10.4	.37808	.002	1
S3	7.7500	8.4226	.673	8.68	.74457	.002	1
S4	15.500	16.145	.645	4.16	1.4273	.004	1
S5	31.000	29.279	-1.72	-5.55	2.5890	.003	1

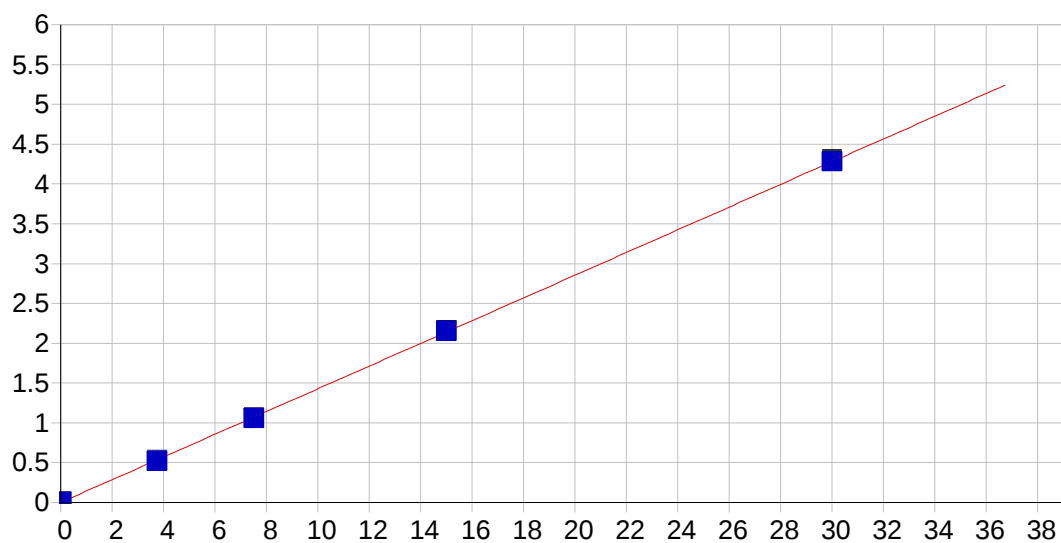


Co 228.616 {448}

Date of Fit: 10/3/2017 15:34:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000394 Re-Slope: 1.000000
 A1 (Gain): 0.485545 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999673 Status: OK.
 Std Error of Est: 0.000331
 Predicted MDL: 0.000320
 Predicted MQL: 0.001068

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00039	.000	1
S1	.05000	.04504	-.005	-9.92	.02156	.000	1
S2	.62500	.63170	.007	1.07	.30696	.000	1
S3	1.2500	1.2900	.040	3.20	.62721	.003	1
S4	2.5000	2.5690	.069	2.76	1.2495	.003	1
S5	5.0000	4.8893	-.111	-2.21	2.3786	.006	1

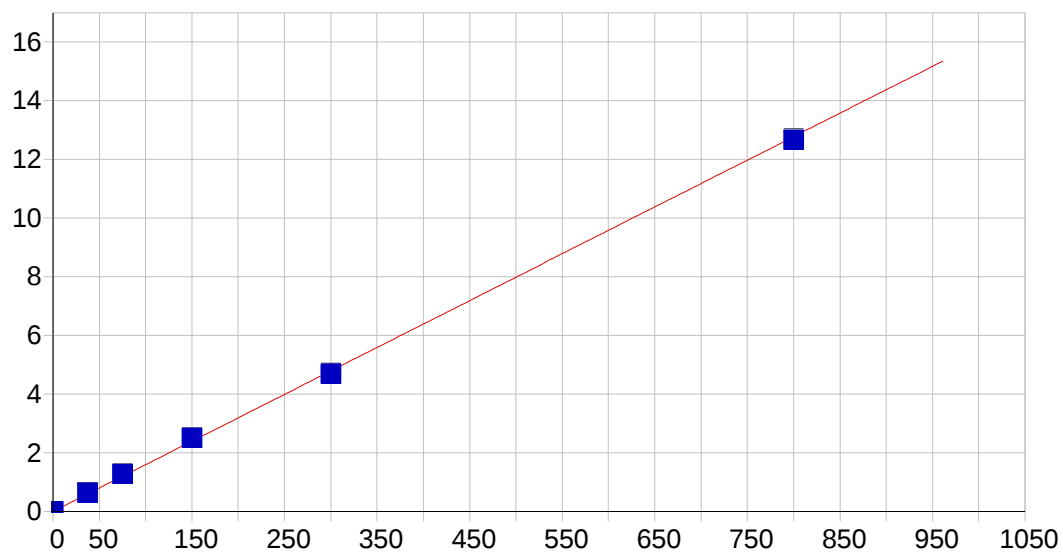


Cu 324.754 {104}

Date of Fit: 10/3/2017 15:34:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000981 Re-Slope: 1.000000
 A1 (Gain): 0.142623 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999972 Status: OK.
 Std Error of Est: 0.000049
 Predicted MDL: 0.001137
 Predicted MQL: 0.003791

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00098	.000	1
S1	.02500	.02423	-.001	-3.07	.00441	.000	1
S2	3.7500	3.6781	-.072	-1.92	.52404	.004	1
S3	7.5000	7.4178	-.082	-1.10	1.0559	.002	1
S4	15.000	15.105	.105	.700	2.1492	.002	1
S5	30.000	30.050	.050	.166	4.2746	.017	1

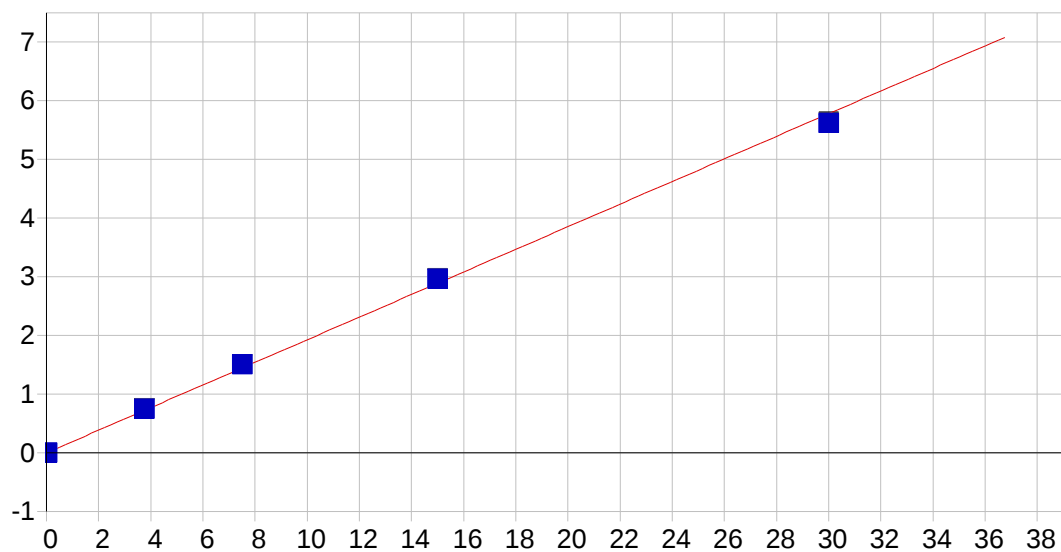


Fe 259.837 {130}

Date of Fit: 10/3/2017 15:34:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000218 Re-Slope: 1.000000
 A1 (Gain): 0.015974 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999675 Status: OK.
 Std Error of Est: 0.000178
 Predicted MDL: 0.006434
 Predicted MQL: 0.021448

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00022	.000	1
S1	.10000	.09888	-.001	-1.12	.00181	.000	1
S2	37.500	39.915	2.42	6.44	.63855	.001	1
S3	75.000	79.542	4.54	6.06	1.2723	.002	1
S4	150.00	156.29	6.29	4.19	2.4996	.008	1
S5	300.00	293.63	-6.37	-2.12	4.6964	.021	1
S6	800.00	793.13	-6.87	-.859	12.676	.026	1

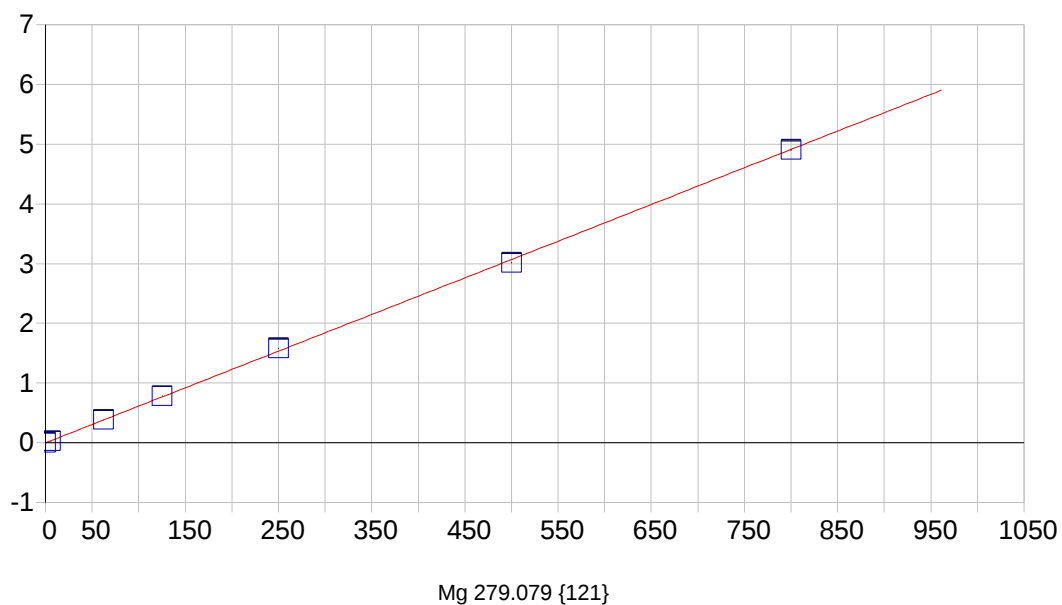


Mn 257.610 {131}

Date of Fit: 10/3/2017 15:34:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000012 Re-Slope: 1.000000
 A1 (Gain): 0.192705 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999533 Status: OK.
 Std Error of Est: 0.000210
 Predicted MDL: 0.000468
 Predicted MQL: 0.001559

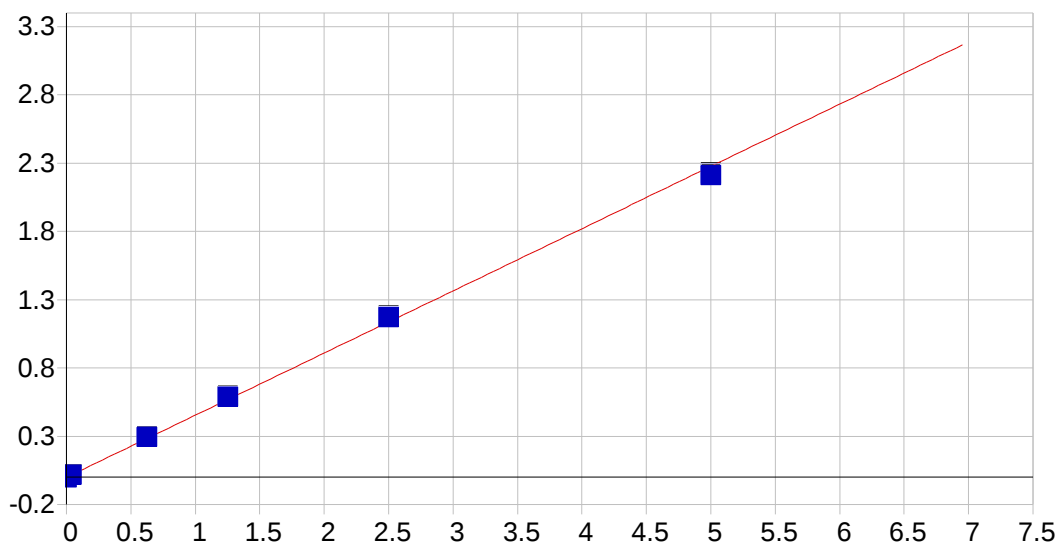
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00001	.000	1
S1	.01500	.01574	.001	4.92	.00305	.000	1
S2	3.7500	3.9064	.156	4.17	.75295	.001	1
S3	7.5000	7.7990	.299	3.99	1.5032	.002	1
S4	15.000	15.391	.391	2.61	2.9666	.011	1
S5	30.000	29.153	-.847	-2.82	5.6192	.022	1



Date of Fit: 10/3/2017 15:34:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000082 Re-Slope: 1.000000
 A1 (Gain): 0.006139 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999869 Status: OK.
 Std Error of Est: 0.000347
 Predicted MDL: 0.019563
 Predicted MQL: 0.065210

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00005	.000	.000	-.00008	.000	1
S1	5.0000	4.7965	-.204	-4.07	.02936	.000	1
S2	62.500	62.381	-.119	-.191	.38287	.001	1
S3	125.00	127.49	2.49	1.99	.78256	.001	1
S4	250.00	257.89	7.89	3.16	1.5831	.007	1
S5	500.00	491.42	-8.58	-1.72	3.0167	.009	1
S6	800.00	798.52	-1.48	-.185	4.9019	.011	1

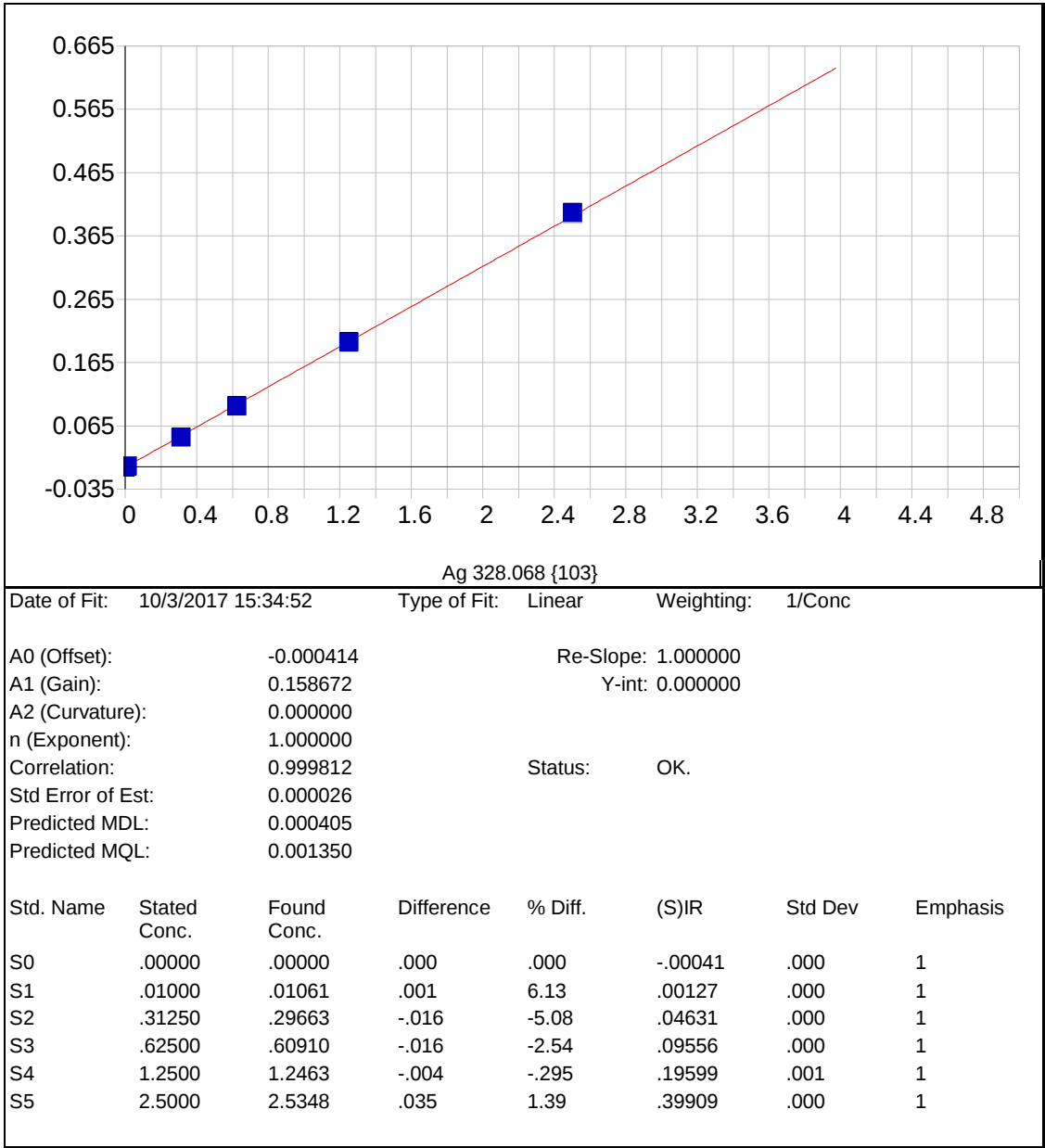


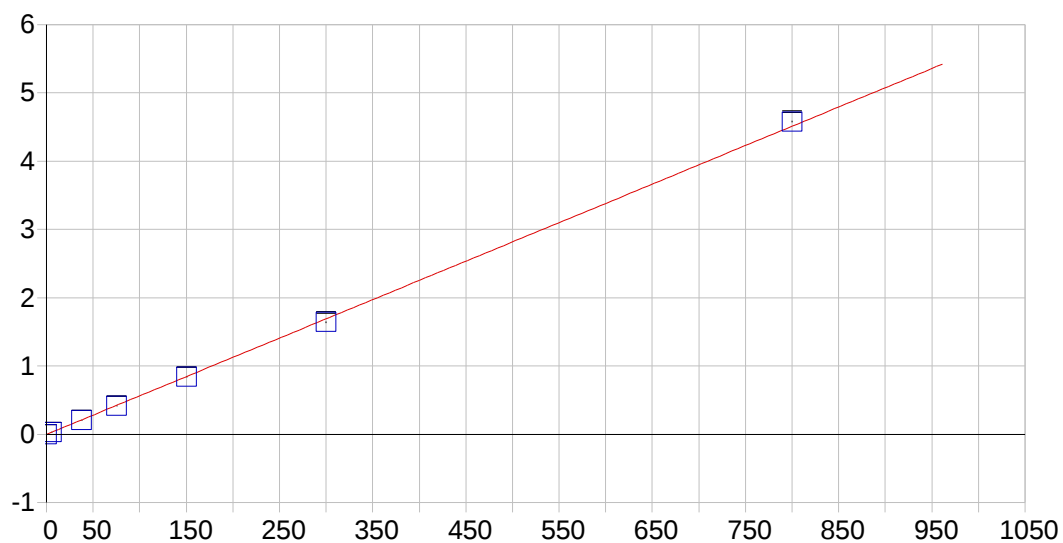
Ni 231.604 {446}

Date of Fit: 10/3/2017 15:34:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001228 Re-Slope: 1.000000
 A1 (Gain): 0.455444 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999546 Status: OK.
 Std Error of Est: 0.000328
 Predicted MDL: 0.000451
 Predicted MQL: 0.001502

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00123	.000	1
S1	.04000	.03872	-.001	-3.21	.01643	.000	1
S2	.62500	.64521	.020	3.23	.29413	.001	1
S3	1.2500	1.2967	.047	3.73	.59234	.003	1
S4	2.5000	2.5750	.075	3.00	1.1775	.003	1
S5	5.0000	4.8593	-.141	-2.81	2.2239	.008	1



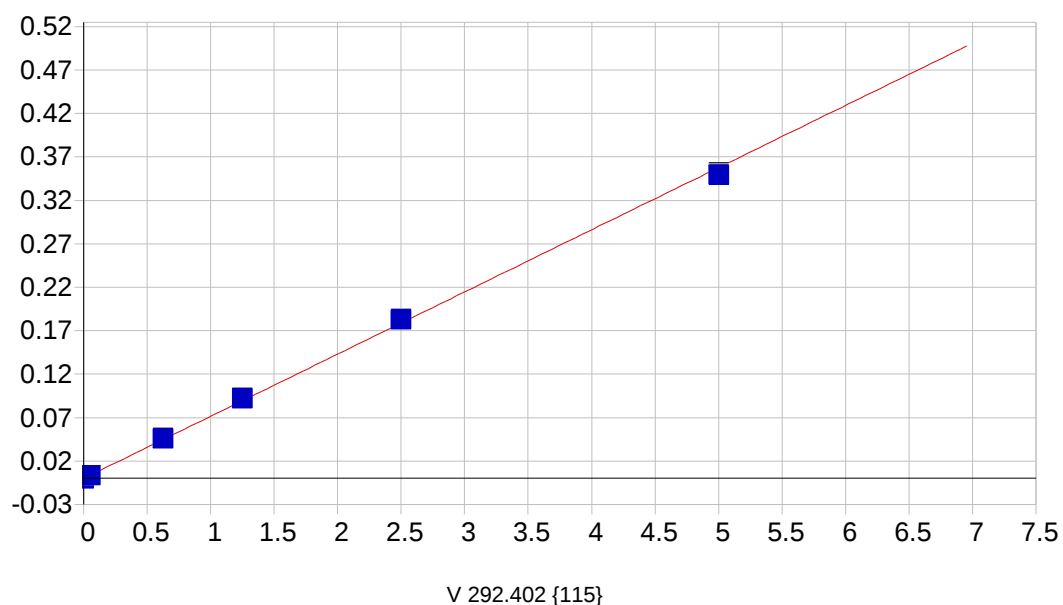


Na 818.326 { 41}

Date of Fit: 10/3/2017 15:34:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001321	Re-Slope: 1.000000
A1 (Gain):	0.005640	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999805	Status: OK.
Std Error of Est:	0.000344	
Predicted MDL:	0.108179	
Predicted MQL:	0.360598	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00065	.001	.000	-.00132	.000	1
S1	5.0000	4.6817	-.318	-6.37	.02508	.000	1
S2	37.500	36.320	-1.18	-3.15	.20352	.001	1
S3	75.000	73.849	-1.15	-1.53	.41518	.000	1
S4	150.00	149.37	-.630	-.420	.84112	.001	1
S5	300.00	291.03	-8.97	-2.99	1.6401	.008	1
S6	800.00	812.25	12.2	1.53	4.5797	.011	1



Date of Fit: 10/3/2017 15:34:52

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000100

Re-Slope: 1.000000

A1 (Gain): 0.071568

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999695

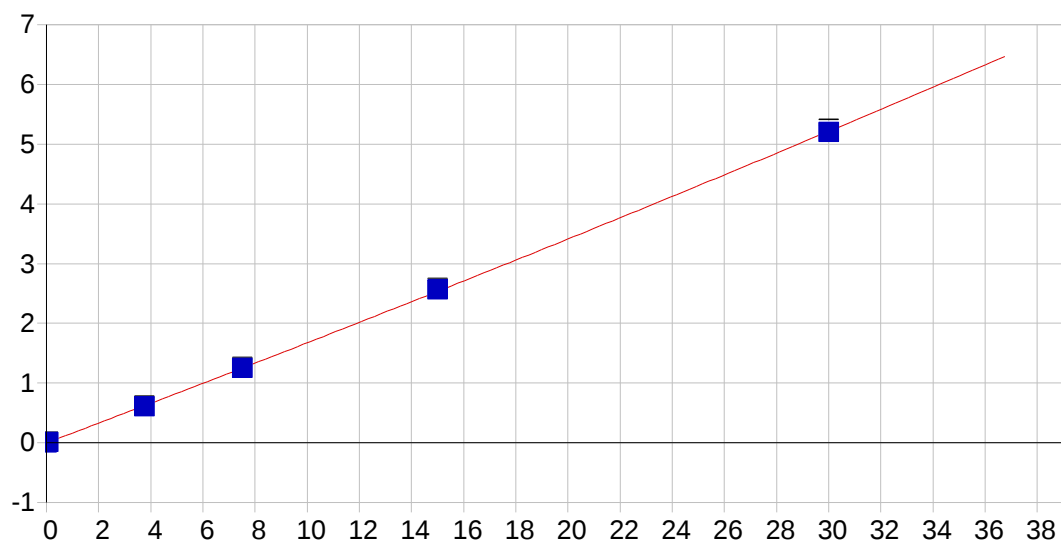
Status: OK.

Std Error of Est: 0.000047

Predicted MDL: 0.001919

Predicted MQL: 0.006397

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00010	.000	1
S1	.05000	.05188	.002	3.76	.00362	.000	1
S2	.62500	.64402	.019	3.04	.04618	.000	1
S3	1.2500	1.2861	.036	2.89	.09232	.000	1
S4	2.5000	2.5593	.059	2.37	.18380	.000	1
S5	5.0000	4.8837	-.116	-2.33	.35089	.001	1

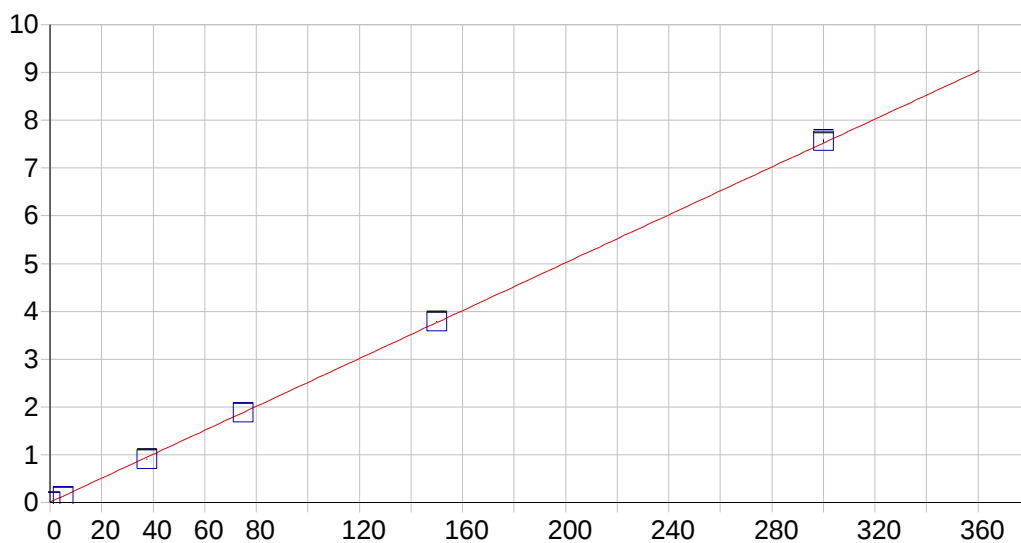


Zn 213.856 {158}

Date of Fit: 10/3/2017 15:34:52 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000472 Re-Slope: 1.000000
 A1 (Gain): 0.164199 Y-int: 0.000000
 A2 (Curvature): 0.000320
 n (Exponent): 1.000000
 Correlation: 0.999960 Status: Warning Positive Curvature
 Std Error of Est: 0.000125
 Predicted MDL: 0.003719
 Predicted MQL: 0.012396

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00047	.000	1
S1	.06000	.05548	-.005	-7.53	.00868	.000	1
S2	3.7500	3.6574	-.093	-2.47	.60584	.008	1
S3	7.5000	7.5005	.001	.007	1.2521	.015	1
S4	15.000	15.163	.163	1.09	2.5689	.019	1
S5	30.000	29.933	-.067	-.223	5.2135	.043	1

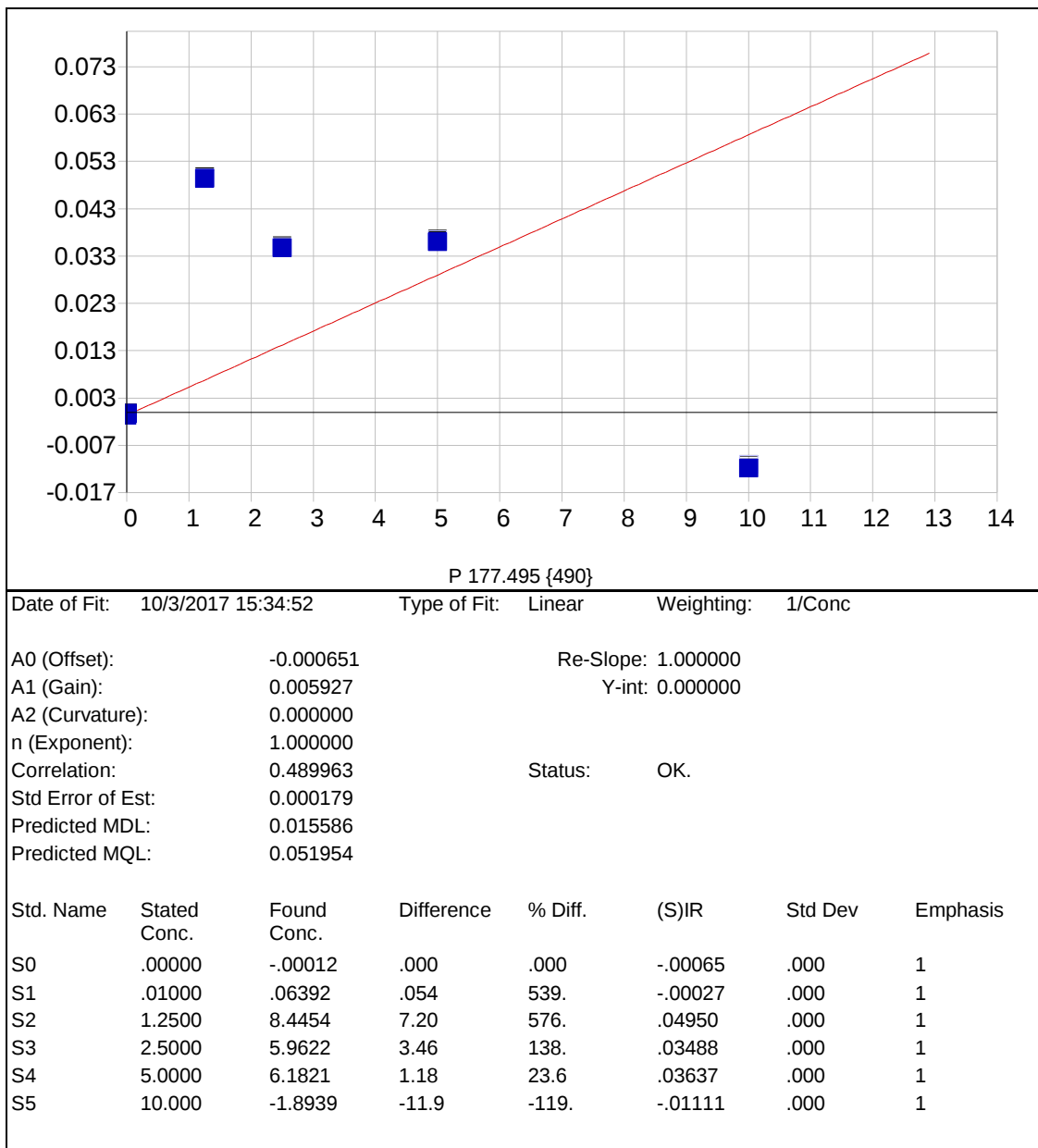


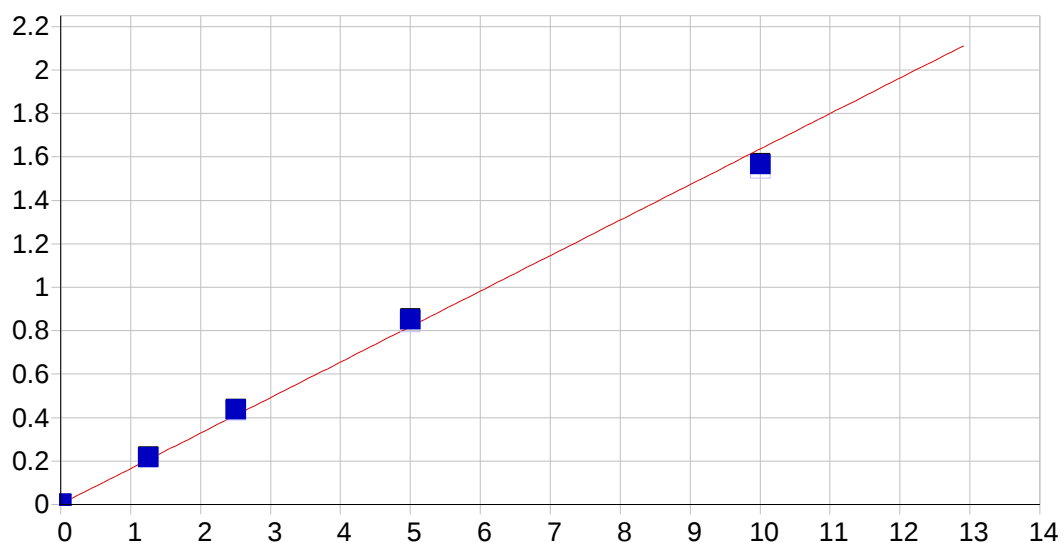
K 769.896 { 44}

Date of Fit: 10/3/2017 15:34:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007491 Re-Slope: 1.000000
 A1 (Gain): 0.025054 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999890 Status: OK.
 Std Error of Est: 0.000765
 Predicted MDL: 0.023023
 Predicted MQL: 0.076744

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00065	.001	.000	.00751	.000	1
S1	5.0000	4.5279	-.472	-9.44	.12093	.001	1
S2	37.500	35.919	-1.58	-4.22	.90741	.009	1
S3	75.000	74.711	-.289	-.385	1.8793	.004	1
S4	150.00	150.78	.777	.518	3.7851	.013	1
S5	300.00	301.56	1.56	.522	7.5629	.034	1



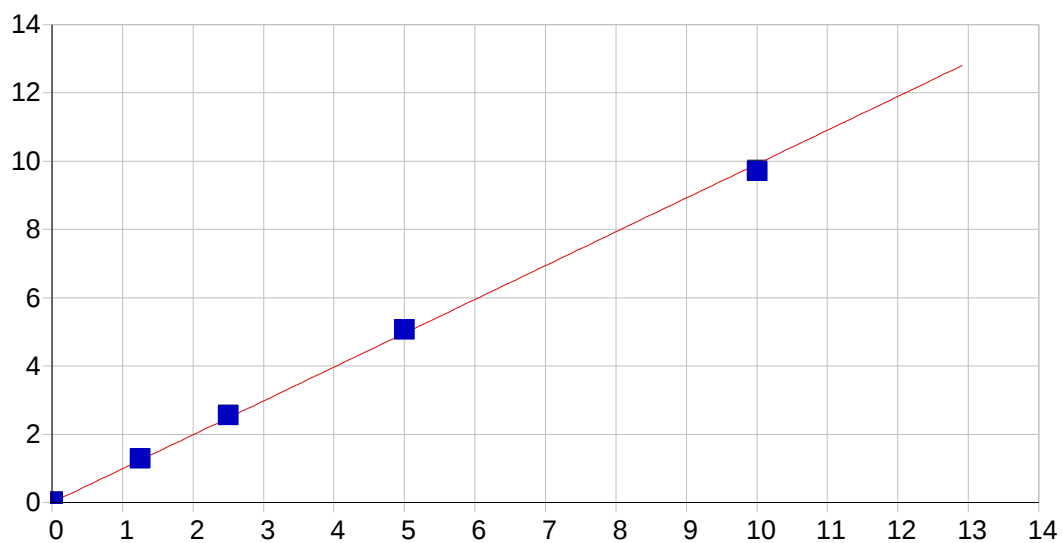


B 249.678 {135}

Date of Fit: 10/3/2017 15:34:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001742 Re-Slope: 1.000000
 A1 (Gain): 0.163435 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998902 Status: OK.
 Std Error of Est: 0.000127
 Predicted MDL: 0.001038
 Predicted MQL: 0.003460

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00174	.000	1
S1	.01000	.00955	.000	-4.53	.00331	.000	1
S2	1.2500	1.3218	.072	5.75	.21522	.001	1
S3	2.5000	2.6650	.165	6.60	.43218	.002	1
S4	5.0000	5.1888	.189	3.78	.83953	.006	1
S5	10.000	9.5748	-.425	-4.25	1.5461	.004	1

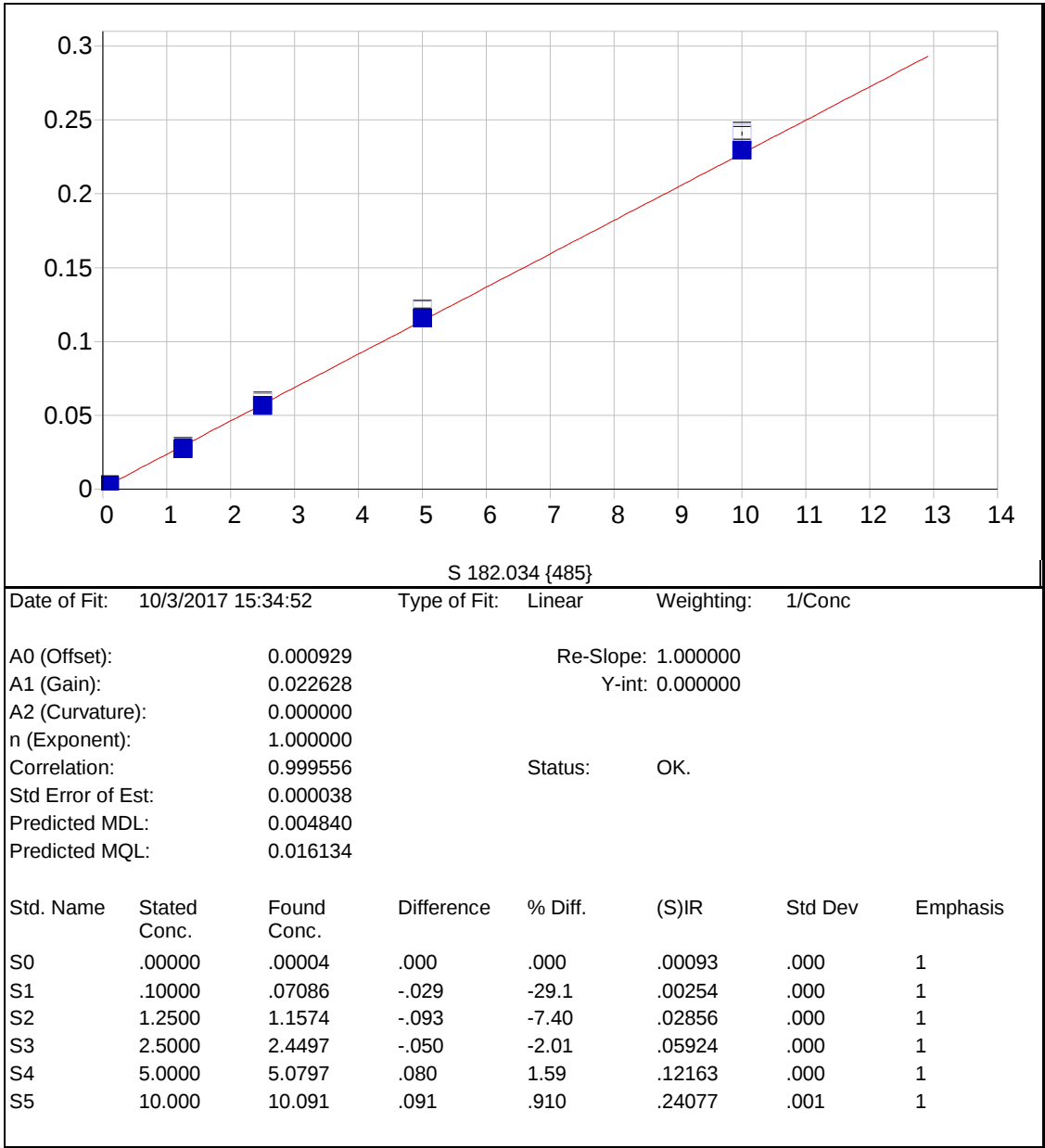


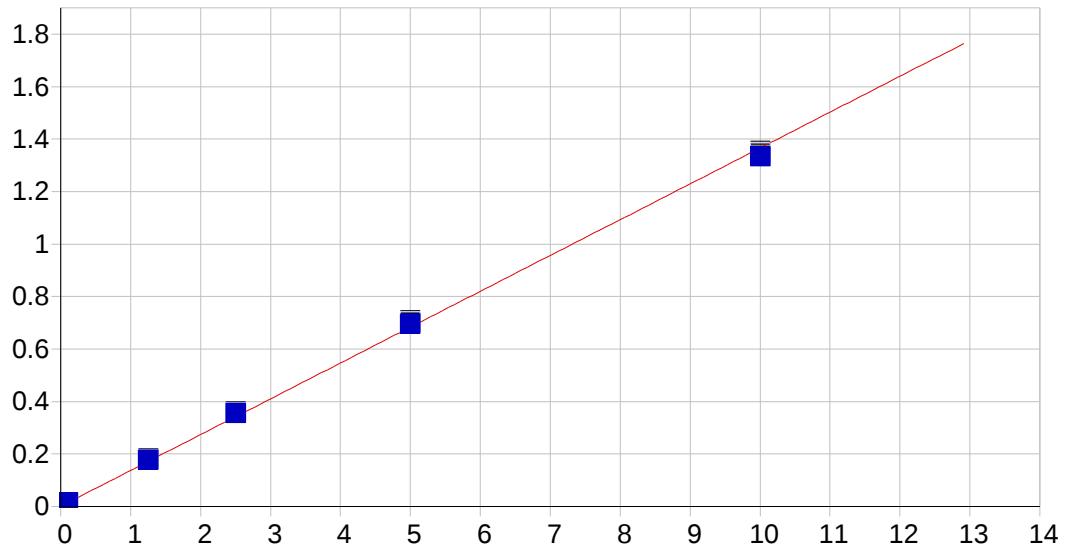
Mo 202.030 {467}

Date of Fit: 10/3/2017 15:34:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000281	Re-Slope: 1.000000
A1 (Gain):	0.991459	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999734	Status: OK.
Std Error of Est:	0.000383	
Predicted MDL:	0.000313	
Predicted MQL:	0.001043	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00028	.000	1
S1	.01000	.01040	.000	3.99	.01061	.000	1
S2	1.2500	1.2894	.039	3.15	1.2798	.003	1
S3	2.5000	2.5735	.074	2.94	2.5541	.003	1
S4	5.0000	5.1001	.100	2.00	5.0613	.006	1
S5	10.000	9.7865	-.213	-2.13	9.7122	.023	1



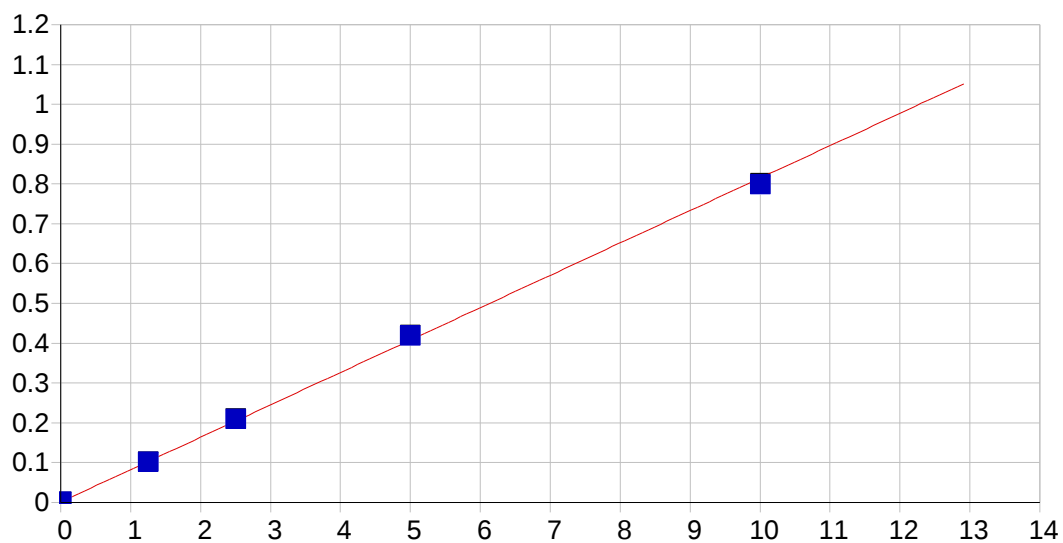


Si 251.611 {134}

Date of Fit: 10/3/2017 15:34:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000717 Re-Slope: 1.000000
 A1 (Gain): 0.136529 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999644 Status: OK.
 Std Error of Est: 0.000196
 Predicted MDL: 0.001143
 Predicted MQL: 0.003810

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00072	.000	1
S1	.10000	.09890	-.001	-1.10	.01427	.000	1
S2	1.2500	1.3028	.053	4.22	.18059	.001	1
S3	2.5000	2.6015	.102	4.06	.35992	.001	1
S4	5.0000	5.0881	.088	1.76	.70342	.005	1
S5	10.000	9.7587	-.241	-2.41	1.3491	.006	1

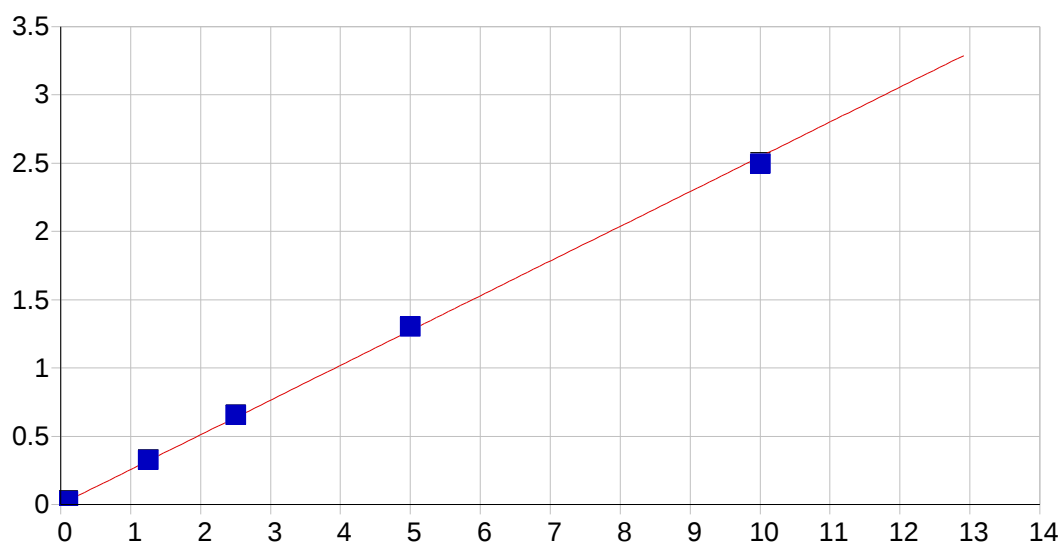


Sn 189.989 {478}

Date of Fit: 10/3/2017 15:34:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001170 Re-Slope: 1.000000
 A1 (Gain): 0.081353 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999738 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.001334
 Predicted MQL: 0.004447

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00117	.000	1
S1	.00700	.00767	.001	9.63	.00179	.000	1
S2	1.2500	1.2405	-.010	-.761	.10201	.000	1
S3	2.5000	2.5650	.065	2.60	.20968	.001	1
S4	5.0000	5.1422	.142	2.84	.41918	.001	1
S5	10.000	9.8017	-.198	-1.98	.79792	.003	1



Ti 336.121 {100}

Date of Fit: 10/3/2017 15:34:52

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000897

Re-Slope: 1.000000

A1 (Gain): 0.254626

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999765

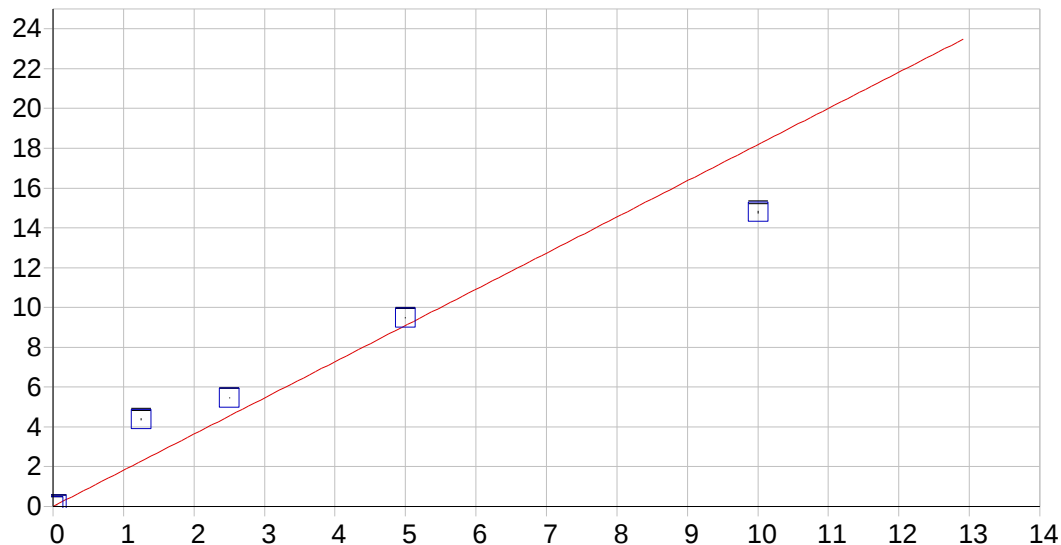
Status: OK.

Std Error of Est: 0.000293

Predicted MDL: 0.000709

Predicted MQL: 0.002363

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00090	.000	1
S1	.10000	.09853	-.001	-1.47	.02598	.000	1
S2	1.2500	1.2822	.032	2.58	.32728	.001	1
S3	2.5000	2.5656	.066	2.62	.65395	.000	1
S4	5.0000	5.1054	.105	2.11	1.3004	.003	1
S5	10.000	9.7982	-.202	-2.02	2.4949	.008	1



Li 670.784 { 50}

Date of Fit: 10/3/2017 15:34:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003050 Re-Slope: 1.000000
 A1 (Gain): 1.818033 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.961380 Status: OK.
 Std Error of Est: 0.019532
 Predicted MDL: 0.000373
 Predicted MQL: 0.001244

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	.00298	.001	1
S5	10.000	8.1334	-1.87	-18.7	14.790	.070	1
S4	5.0000	5.2172	.217	4.34	9.4882	.030	1
S3	2.5000	3.0012	.501	20.0	5.4594	.011	1
S2	1.2500	2.4113	1.16	92.9	4.3868	.057	1
S1	.05000	.03690	-.013	-26.2	.07014	.000	1



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

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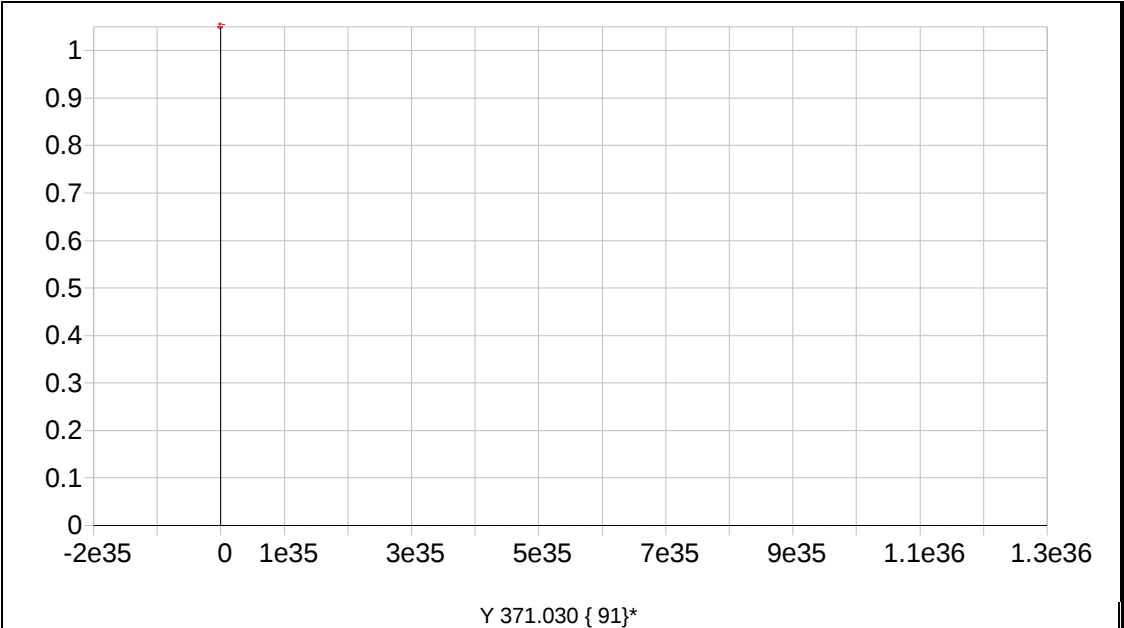
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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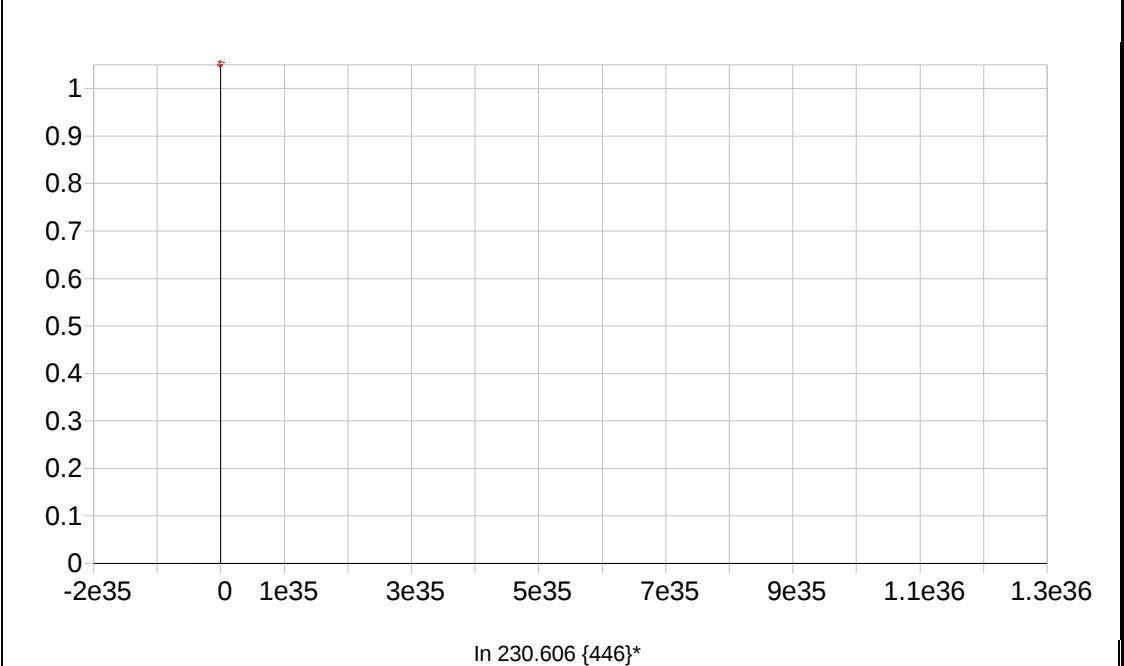
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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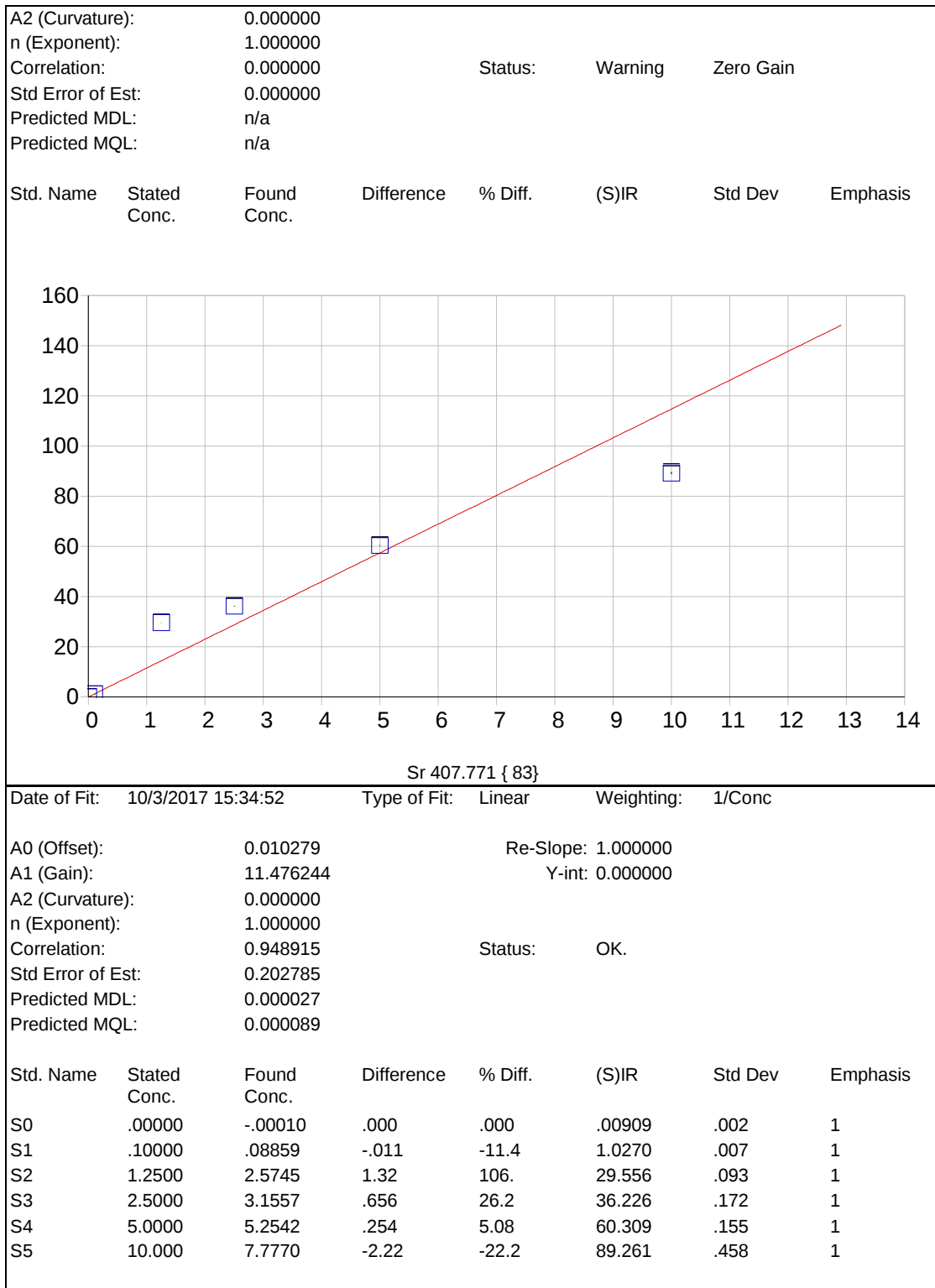


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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



Sample Name: S0 Acquired: 10/3/2017 14:31:08 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) 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	-.00035	-.00015	-.00019	.00037	.00058	.00056	-.05193	-.00124
Stddev	.00016	.00007	.00005	.00015	.00008	.00033	.00141	.00010
%RSD	46.560	46.945	24.678	40.878	13.437	58.786	2.7109	8.2172

#1	-.00019	-.00019	-.00015	.00032	.00052	.00086	-.05040	-.00120
#2	-.00052	-.00007	-.00024	.00054	.00055	.00060	-.05222	-.00116
#3	-.00035	-.00020	-.00017	.00025	.00067	.00021	-.05317	-.00135

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	.00090	.00076	.00006	-.00039	.00098	.00022	.00001	-.00008
Stddev	.00011	.00029	.00002	.00004	.00010	.00006	.00006	.00012
%RSD	12.664	37.751	29.964	11.096	10.240	27.025	495.62	148.86

#1	.00101	.00081	.00004	-.00038	.00106	.00016	-.00002	-.00020
#2	.00092	.00102	.00006	-.00035	.00101	.00022	-.00003	-.00009
#3	.00078	.00045	.00007	-.00044	.00087	.00027	.00008	.00004

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	-.00123	-.00041	-.00132	-.00010	-.00047	.00751	-.00065	.00174
Stddev	.00011	.00004	.00025	.00004	.00025	.00016	.00003	.00006
%RSD	8.8816	9.5709	19.096	44.416	52.688	2.1294	4.3100	3.5478

#1	-.00113	-.00040	-.00125	-.00005	-.00070	.00736	-.00066	.00170
#2	-.00135	-.00038	-.00111	-.00011	-.00021	.00749	-.00068	.00181
#3	-.00121	-.00046	-.00160	-.00014	-.00051	.00768	-.00062	.00171

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	.00028	.00093	.00072	.00117	.00090	.00298	.00909	
Stddev	.00018	.00006	.00014	.00008	.00018	.00051	.00153	
%RSD	64.766	6.9222	19.608	6.5806	20.134	17.114	16.850	

#1	.00008	.00100	.00081	.00118	.00069	.00356	.01060	
#2	.00035	.00087	.00055	.00109	.00103	.00278	.00914	
#3	.00042	.00092	.00079	.00124	.00096	.00260	.00753	

Sample Name: S0 Acquired: 10/3/2017 14:31:08 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) 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	1326.7	1410.4	56819.	12492.	3171.4
Stddev	5.3	7.5	112.	21.	12.3
%RSD	.40067	.53336	.19779	.17183	.38769
#1	1326.0	1418.5	56801.	12480.	3182.7
#2	1332.3	1409.2	56939.	12480.	3173.0
#3	1321.8	1403.6	56716.	12517.	3158.3

Sample Name: S1 Acquired: 10/3/2017 14:35:18 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) 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	.00016	.00123	.00099	.00321	.01518	.01558	.46916	.00877
Stddev	.00024	.00012	.00012	.00045	.00017	.00016	.00361	.00014
%RSD	148.70	9.5475	11.942	14.164	1.0961	1.0217	.76984	1.5803

#1	.00042	.00116	.00085	.00366	.01499	.01547	.47002	.00877
#2	-.00007	.00116	.00107	.00275	.01529	.01550	.46520	.00891
#3	.00014	.00136	.00105	.00323	.01525	.01576	.47227	.00863

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	.00811	.10341	.00111	.02156	.00441	.00181	.00305	.02936
Stddev	.00005	.00095	.00001	.00038	.00009	.00011	.00001	.00025
%RSD	.58265	.91878	.59894	1.7762	2.1379	5.8759	.34451	.84012

#1	.00811	.10315	.00111	.02195	.00432	.00169	.00304	.02914
#2	.00815	.10262	.00110	.02154	.00451	.00188	.00306	.02932
#3	.00806	.10447	.00111	.02119	.00442	.00185	.00305	.02963

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	.01643	.00127	.02508	.00362	.00868	.12093	-.00027	.00331
Stddev	.00013	.00001	.00031	.00004	.00019	.00145	.00006	.00006
%RSD	.81617	.72622	1.2372	1.0601	2.2283	1.1959	22.469	1.7250

#1	.01657	.00127	.02540	.00367	.00885	.12099	-.00033	.00336
#2	.01642	.00127	.02477	.00361	.00847	.11946	-.00028	.00331
#3	.01630	.00126	.02508	.00359	.00871	.12235	-.00021	.00325

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	.01061	.00254	.01427	.00179	.02598	.07014	1.0270	
Stddev	.00033	.00006	.00026	.00010	.00031	.00036	.0074	
%RSD	3.1448	2.4556	1.8427	5.8400	1.1816	.51585	.71818	

#1	.01096	.00249	.01445	.00185	.02593	.07003	1.0240	
#2	.01060	.00261	.01439	.00167	.02570	.06984	1.0216	
#3	.01029	.00252	.01397	.00184	.02631	.07054	1.0354	

Sample Name: S1 Acquired: 10/3/2017 14:35:18 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) 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	1281.5	1358.3	55697.	12426.	3022.9
Stddev	7.5	2.4	139.	24.	5.3
%RSD	.58235	.17996	.25042	.19164	.17510
#1	1279.5	1359.1	55656.	12449.	3027.0
#2	1289.7	1360.2	55853.	12401.	3016.9
#3	1275.2	1355.5	55583.	12429.	3024.8

Sample Name: S2 Acquired: 10/3/2017 14:39:27 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) 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	.05105	.07078	.77797	.10321	.31765	3.1113	8.8451	.22197
Stddev	.00023	.00037	.00113	.00034	.00128	.0202	.0584	.00164
%RSD	.44523	.52580	.14501	.33095	.40382	.64952	.66054	.73973

#1	.05131	.07120	.77751	.10327	.31913	3.1184	8.8664	.22036
#2	.05096	.07048	.77714	.10352	.31680	3.1271	8.8899	.22364
#3	.05088	.07067	.77925	.10285	.31703	3.0885	8.7791	.22192

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	.92499	1.3258	.37808	.30696	.52404	.63855	.75295	.38287
Stddev	.00199	.0016	.00203	.00021	.00377	.00150	.00107	.00119
%RSD	.21496	.12209	.53622	.06859	.71887	.23484	.14216	.31198

#1	.92597	1.3240	.37628	.30717	.52576	.64027	.75402	.38406
#2	.92270	1.3266	.37769	.30675	.52663	.63786	.75295	.38286
#3	.92629	1.3270	.38028	.30696	.51972	.63752	.75188	.38168

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	.29413	.04631	.20352	.04618	.60584	.90741	.04950	.21522
Stddev	.00126	.00010	.00137	.00032	.00780	.00880	.00024	.00075
%RSD	.42801	.20875	.67336	.69085	1.2874	.96929	.48881	.34808

#1	.29553	.04636	.20314	.04581	.61354	.90893	.04974	.21572
#2	.29309	.04620	.20505	.04633	.59795	.91535	.04951	.21558
#3	.29377	.04637	.20238	.04639	.60603	.89796	.04926	.21436

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	1.2798	.02856	.18059	.10201	.32728	4.3868	29.556	
Stddev	.0033	.00033	.00080	.00026	.00089	.0566	.093	
%RSD	.25448	1.1612	.44491	.25736	.27052	1.2910	.31487	

#1	1.2831	.02885	.18049	.10229	.32711	4.3932	29.618	
#2	1.2766	.02820	.18144	.10177	.32824	4.4400	29.601	
#3	1.2797	.02863	.17985	.10196	.32649	4.3273	29.449	

Sample Name: S2 Acquired: 10/3/2017 14:39:27 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) 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	1212.8	1278.5	52455.	11955.	2606.7
Stddev	13.9	2.8	123.	64.	5.2
%RSD	1.1485	.21896	.23356	.53187	.19897
#1	1197.6	1279.1	52316.	11912.	2608.3
#2	1215.9	1281.0	52545.	11926.	2610.9
#3	1224.9	1275.5	52505.	12028.	2600.9

Sample Name: S3 Acquired: 10/3/2017 14:43:32 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) 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	.10392	.14000	1.5641	.20728	.64272	6.3924	17.815	.45177
Stddev	.00042	.00073	.0034	.00046	.00030	.0146	.038	.00129
%RSD	.40494	.52069	.21971	.22262	.04684	.22881	.21466	.28528

#1	.10432	.14012	1.5634	.20680	.64298	6.3875	17.810	.45099
#2	.10348	.13922	1.5610	.20772	.64278	6.3808	17.779	.45106
#3	.10394	.14066	1.5678	.20733	.64239	6.4088	17.855	.45326

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	1.8888	2.7033	.74457	.62721	1.0559	1.2723	1.5032	.78256
Stddev	.0113	.0068	.00219	.00337	.0018	.0019	.0016	.00072
%RSD	.59870	.25030	.29472	.53786	.16894	.14549	.10370	.09181

#1	1.8805	2.7011	.74343	.62589	1.0568	1.2709	1.5047	.78255
#2	1.8842	2.6979	.74318	.62470	1.0538	1.2715	1.5034	.78185
#3	1.9017	2.7109	.74710	.63104	1.0570	1.2744	1.5016	.78329

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	.59234	.09556	.41518	.09232	1.2521	1.8793	.03488	.43218
Stddev	.00263	.00026	.00036	.00036	.0147	.0043	.00028	.00225
%RSD	.44421	.27617	.08630	.39108	1.1721	.22935	.78853	.52059

#1	.59129	.09582	.41491	.09272	1.2669	1.8764	.03457	.43097
#2	.59039	.09529	.41506	.09219	1.2518	1.8772	.03509	.43477
#3	.59533	.09555	.41559	.09204	1.2376	1.8843	.03498	.43079

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	2.5541	.05924	.35992	.20968	.65395	5.4594	36.226	
Stddev	.0026	.00029	.00137	.00117	.00037	.0110	.172	
%RSD	.09998	.48595	.37952	.55705	.05633	.20189	.47507	

#1	2.5528	.05931	.35874	.20980	.65388	5.4558	36.210	
#2	2.5524	.05892	.36142	.20846	.65362	5.4506	36.062	
#3	2.5570	.05948	.35960	.21078	.65435	5.4718	36.405	

Sample Name: S3 Acquired: 10/3/2017 14:43:32 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) 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	1156.7	1216.2	50239.	11571.	2397.8
Stddev	8.4	4.9	203.	23.	8.0
%RSD	.73023	.39976	.40399	.19538	.33462
#1	1148.5	1211.5	50061.	11554.	2388.9
#2	1156.1	1215.9	50196.	11563.	2400.0
#3	1165.4	1221.2	50460.	11597.	2404.4

Sample Name: S4 Acquired: 10/3/2017 14:47:36 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) 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	.21738	.27069	3.0711	.42575	1.3498	13.157	35.173	.90656
Stddev	.00045	.00107	.0109	.00140	.0054	.014	.200	.00625
%RSD	.20645	.39610	.35607	.32956	.40182	.10958	.56721	.68996

#1	.21687	.26947	3.0606	.42413	1.3444	13.141	34.964	.90011
#2	.21753	.27148	3.0702	.42664	1.3553	13.167	35.361	.90696
#3	.21773	.27112	3.0825	.42647	1.3496	13.164	35.195	.91260

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	3.6842	5.3993	1.4273	1.2495	2.1492	2.4996	2.9666	1.5831
Stddev	.0048	.0120	.0044	.0029	.0019	.0075	.0110	.0070
%RSD	.13113	.22235	.30699	.23475	.08668	.30031	.37175	.43950

#1	3.6791	5.3895	1.4223	1.2479	2.1470	2.4934	2.9586	1.5797
#2	3.6847	5.4127	1.4293	1.2477	2.1505	2.4976	2.9621	1.5785
#3	3.6888	5.3958	1.4304	1.2529	2.1501	2.5080	2.9792	1.5911

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	1.1775	.19599	.84112	.18380	2.5689	3.7851	.03637	.83953
Stddev	.0032	.00078	.00061	.00044	.0186	.0128	.00013	.00596
%RSD	.27065	.39810	.07277	.24000	.72404	.33711	.35714	.70988

#1	1.1746	.19653	.84102	.18415	2.5686	3.7704	.03631	.83281
#2	1.1771	.19633	.84178	.18331	2.5876	3.7926	.03629	.84162
#3	1.1810	.19509	.84057	.18395	2.5504	3.7923	.03652	.84417

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	5.0613	.12163	.70342	.41918	1.3004	9.4882	60.309	
Stddev	.0065	.00044	.00454	.00051	.0029	.0299	.155	
%RSD	.12798	.35789	.64529	.12254	.21917	.31560	.25763	

#1	5.0540	.12146	.69883	.41863	1.2972	9.4714	60.416	
#2	5.0663	.12212	.70353	.41965	1.3026	9.5227	60.131	
#3	5.0637	.12130	.70790	.41927	1.3015	9.4704	60.380	

Sample Name: S4 Acquired: 10/3/2017 14:47:36 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) 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	1079.7	1102.2	47893.	11243.	2134.9
Stddev	6.6	3.7	245.	7.	9.5
%RSD	.61449	.33234	.51232	.06150	.44530
#1	1078.7	1106.1	47651.	11250.	2142.8
#2	1073.6	1101.7	47884.	11243.	2137.6
#3	1086.7	1098.9	48142.	11236.	2124.4

Sample Name: S5 Acquired: 10/3/2017 14:51:47 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) 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	.44194	.50166	5.7824	.84264	2.7660	26.234	67.849	1.7640
Stddev	.00245	.00272	.0019	.00501	.0080	.094	.747	.0079
%RSD	.55423	.54276	.03278	.59434	.28783	.35899	1.1011	.44533

#1	.44346	.50460	5.7825	.84524	2.7665	26.308	68.699	1.7646
#2	.43912	.50116	5.7843	.83686	2.7578	26.128	67.547	1.7559
#3	.44325	.49922	5.7805	.84581	2.7737	26.266	67.299	1.7716

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.8767	10.370	2.5890	2.3786	4.2746	4.6964	5.6192	3.0167
Stddev	.0079	.010	.0031	.0064	.0171	.0213	.0220	.0090
%RSD	.11445	.09438	.11774	.26927	.40103	.45302	.39123	.29703

#1	6.8726	10.377	2.5881	2.3776	4.2940	4.7147	5.6330	3.0243
#2	6.8858	10.359	2.5865	2.3855	4.2617	4.6730	5.5938	3.0068
#3	6.8717	10.373	2.5924	2.3728	4.2680	4.7014	5.6307	3.0191

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	2.2239	.39909	1.6401	.35089	5.2135	7.5629	-.01111	1.5461
Stddev	.0085	.00021	.0083	.00139	.0434	.0343	.00005	.0040
%RSD	.38102	.05274	.50289	.39682	.83157	.45322	.43680	.25796

#1	2.2204	.39931	1.6494	.35215	5.1911	7.5987	-.01116	1.5504
#2	2.2336	.39889	1.6337	.34940	5.2634	7.5303	-.01111	1.5425
#3	2.2178	.39906	1.6372	.35113	5.1859	7.5598	-.01106	1.5455

Elem	Mo2020	S_ 1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	9.7122	.24077	1.3491	.79792	2.4949	14.790	89.261	
Stddev	.0227	.00138	.0059	.00315	.0084	.070	.458	
%RSD	.23412	.57488	.43408	.39540	.33867	.47050	.51320	

#1	9.7115	.24223	1.3533	.79898	2.4998	14.864	89.210	
#2	9.6898	.23948	1.3424	.80041	2.4852	14.726	88.830	
#3	9.7353	.24061	1.3516	.79437	2.4998	14.780	89.742	

Sample Name: S5 Acquired: 10/3/2017 14:51:47 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) 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	985.58	1001.8	45597.	10965.	1910.4
Stddev	7.12	5.1	171.	45.	3.0
%RSD	.72215	.51227	.37441	.41495	.15737
#1	986.34	1003.9	45483.	10918.	1913.8
#2	978.11	1005.6	45516.	11009.	1909.3
#3	992.28	995.96	45794.	10968.	1908.1

Sample Name: S6 Acquired: 10/3/2017 14:55:56 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) 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	70.733	17.386	12.676	4.9019	4.5797
Stddev	.101	.010	.026	.0107	.0108
%RSD	.14306	.05613	.20578	.21797	.23496

#1	70.774	17.395	12.647	4.8902	4.5712
#2	70.807	17.388	12.697	4.9112	4.5918
#3	70.617	17.376	12.684	4.9044	4.5762

Int. Std.	Y_3710
Units	Cts/S
Avg	10254.
Stddev	5.
%RSD	.05019

#1	10250.
#2	10252.
#3	10260.

Sample Name: ICV Acquired: 10/3/2017 15:39:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) 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	.9033612	F 1.144635	.9782359	.9335681	F .8606088	F 2.058018
Stddev	.0097728	.007915	.0034645	.0044930	.0042932	.008507
%RSD	1.081823	.6915227	.3541597	.4812749	.4988580	.4133629

#1	.9094376	1.149210	.9775676	.9360208	.8620507	2.049595
#2	.9085580	1.149201	.9751543	.9283826	.8639955	2.066607
#3	.8920880	1.135495	.9819860	.9363010	.8557803	2.057851

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4893445	.4561208	.4676262	9.182958	.5071245	.4704767
Stddev	.0014535	.0026357	.0020737	.057944	.0019910	.0025835
%RSD	.2970210	.5778551	.4434539	.6309923	.3926028	.5491274

#1	.4884791	.4552534	.4657719	9.152733	.5068326	.4690057
#2	.4910225	.4590809	.4672413	9.146376	.5092454	.4689646
#3	.4885318	.4540280	.4698654	9.249765	.5052956	.4734598

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4731356	5.107177	.5065607	5.729559	.4870735	F .4407125
Stddev	.0018652	.052832	.0043952	.017224	.0015236	.0012637
%RSD	.3942099	1.034473	.8676625	.3006172	.3128055	.2867455

#1	.4723583	5.090244	.5021931	5.732252	.4870603	.4420298
#2	.4752637	5.064887	.5065060	5.711146	.4855566	.4395103
#3	.4717848	5.166400	.5109831	5.745277	.4886037	.4405974

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.135143	F .4304217	.9591347	9.874157	F -.039585	5.443403
Stddev	.061390	.0037929	.0104870	.061472	.004335	.018044
%RSD	.6720253	.8812176	1.093381	.6225563	10.95181	.3314886

#1	9.074407	.4268166	.9591418	9.826821	-.041312	5.444203
#2	9.197168	.4300706	.9486441	9.943632	-.042790	5.461034
#3	9.133853	.4343781	.9696181	9.852017	-.034652	5.424972

Sample Name: ICV Acquired: 10/3/2017 15:39:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.036033	.0030800	4.820561	4.679858	5.044801	-.000576
Stddev	.005760	.0018321	.014255	.012840	.006848	.000330
%RSD	.1143851	59.48227	.2957033	.2743685	.1357440	57.40254

#1	5.036892	.0024548	4.823083	4.672802	5.037525	-.000213
#2	5.029891	.0051428	4.833386	4.672094	5.051121	-.000653
#3	5.041315	.0016424	4.805214	4.694679	5.045757	-.000861

Elem	Sr4077
Units	ppm
Avg	.0087012
Stddev	.0000440
%RSD	.5054423

#1	.0086707
#2	.0087516
#3	.0086813

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1257.395	1309.138	55248.45	12085.55	2880.652
Stddev	10.383	2.641	196.77	35.49	2.147
%RSD	.8257756	.2017690	.3561485	.2936224	.0745399

#1	1257.549	1306.213	55208.44	12122.28	2878.173
#2	1267.700	1309.852	55462.15	12082.93	2881.859
#3	1246.935	1311.349	55074.77	12051.45	2881.923

Sample Name: ICB Acquired: 10/3/2017 15:43:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) 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	.0006554	-.001857	-.000702	-.000236	-.001416	-.007706	-.004072
Stddev	.0044143	.001025	.000821	.001183	.000943	.004940	.000284
%RSD	673.5098	55.20444	116.9164	500.3114	66.62236	64.10232	6.977394

#1	.0004013	-.000731	-.001643	.000348	-.002495	-.013394	-.003749
#2	.0051913	-.002736	-.000329	.000541	-.000746	-.004492	-.004185
#3	-.003626	-.002104	-.000134	-.001598	-.001007	-.005233	-.004283

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000323	-.000160	-.001425	-.000365	-.000118	.0000834	-.010860
Stddev	.0000879	.000069	.007956	.000390	.000416	.0000882	.003303
%RSD	272.5762	43.38423	558.3532	106.7599	353.0743	105.8778	30.41526

#1	.0001290	-.000211	.007708	.000040	.000343	.0001196	-.007125
#2	.0000104	-.000081	-.005127	-.000398	-.000229	.0001477	-.012059
#3	-.000043	-.000188	-.006855	-.000737	-.000467	-.000017	-.013396

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000470	-.004956	.0003502	.0003558	-.063896	-.000257	.0014870
Stddev	.000171	.013893	.0004124	.0003175	.078450	.001366	.0010568
%RSD	36.43686	280.3432	117.7818	89.24282	122.7779	531.3626	71.06528

#1	-.000663	.008924	.0008060	.0003384	-.022378	-.001256	.0022430
#2	-.000335	-.018862	.0000028	.0000473	-.014929	-.000815	.0002795
#3	-.000413	-.004929	.0002417	.0006816	-.154380	.001300	.0019386

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038099	-.007841	-.003964	.0000384	-.002929	.0000982	.0026911
Stddev	.0083297	.018204	.000171	.0001634	.001785	.0010160	.0010082
%RSD	218.6326	232.1755	4.314470	425.5422	60.95337	1034.717	37.46261

#1	.0134160	-.018970	-.003978	-.000150	-.002242	.0005475	.0015941
#2	-.000574	-.017720	-.003787	.000137	-.004956	.0008121	.0035771
#3	-.001412	.013167	-.004128	.000129	-.001589	-.001065	.0029021

Sample Name: ICB Acquired: 10/3/2017 15:43:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) 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	.0007885	-.000591	-.000952
Stddev	.0003524	.000223	.000022
%RSD	44.69937	37.71780	2.273425

#1	.0006531	-.000343	-.000976
#2	.0005238	-.000776	-.000945
#3	.0011885	-.000654	-.000934

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1243.629	1277.872	55291.02	11736.32	2942.645
Stddev	1.634	6.094	64.92	13.95	13.879
%RSD	.1313807	.4768789	.1174121	.1188376	.4716639

#1	1242.303	1282.589	55339.24	11730.95	2953.818
#2	1245.455	1280.035	55217.21	11725.85	2947.009
#3	1243.131	1270.991	55316.62	11752.15	2927.108

Sample Name: ICSA Acquired: 10/3/2017 15:47:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) 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	.0044509	-.018963	-.000854	-.005933	.0044691	239.9178
Stddev	.0040728	.004882	.001111	.002918	.0008267	.1103
%RSD	91.50517	25.74263	130.1718	49.18336	18.49809	.0459717

#1	.0076872	-.014269	-.001807	-.008870	.0054236	240.0435
#2	-.000122	-.024012	-.001121	-.005896	.0040025	239.8374
#3	.005788	-.018608	.000367	-.003034	.0039811	239.8724

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010522	.0008354	.0034809	245.7508	.0525772	-.000493
Stddev	.0001777	.0000266	.0001427	.6389	.0003048	.000280
%RSD	16.88517	3.180719	4.098662	.2599991	.5796758	56.82620

#1	.0009497	.0008047	.0036412	245.9296	.0524703	-.000662
#2	.0012574	.0008505	.0033679	245.0415	.0529211	-.000170
#3	.0009496	.0008510	.0034335	246.2813	.0523403	-.000648

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0210368	104.1031	.0118539	269.9299	.0017273	-.007231
Stddev	.0008196	.3022	.0003671	.1636	.0008931	.000421
%RSD	3.896027	.2902751	3.097030	.0606087	51.70595	5.816052

#1	.0214013	104.1970	.0114388	269.7626	.0019475	-.006771
#2	.0216109	103.7650	.0121359	270.0896	.0024898	-.007597
#3	.0200981	104.3471	.0119870	269.9375	.0007447	-.007324

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2892344	.0002326	.0135067	-.025733	-.009245	F -.201582
Stddev	.0225956	.0010783	.0064124	.025761	.018662	.000256
%RSD	7.812202	463.5803	47.47568	100.1094	201.8686	.1268227

#1	.2631640	-.000880	.0209034	-.023980	-.029369	-.201858
#2	.3031682	.001273	.0101001	-.052326	.007491	-.201354
#3	.3013711	.000305	.0095165	-.000893	-.005856	-.201533

Sample Name: ICSA Acquired: 10/3/2017 15:47:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) 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	.0001939	.0113645	-.004421	-.001043	.0010290	.0036453
Stddev	.0004230	.0077883	.001084	.000348	.0004732	.0002061
%RSD	218.1283	68.53166	24.51820	33.36625	45.99040	5.653894

#1	.0004698	.0170353	-.004692	-.001243	.0006473	.0034082
#2	-.000293	.0145740	-.005344	-.000641	.0008812	.0037814
#3	.000405	.0024844	-.003228	-.001246	.0015585	.0037464

Elem	Sr4077
Units	ppm
Avg	.0833616
Stddev	.0001247
%RSD	.1496305

#1	.0832215
#2	.0834030
#3	.0834604

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1078.418	1120.621	47604.91	10918.47	2211.059
Stddev	5.269	2.348	310.20	11.86	8.427
%RSD	.4885988	.2095550	.6516127	.1085810	.3811107

#1	1082.652	1122.498	47920.47	10920.58	2213.440
#2	1080.086	1121.378	47300.36	10929.14	2218.039
#3	1072.517	1117.988	47593.90	10905.71	2201.698

Sample Name: ICSAB Acquired: 10/3/2017 15:51:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) 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	.1061303	.0990252	.0462401	.0433059	.5915537	241.8331
Stddev	.0041469	.0037625	.0015390	.0027962	.0047633	.2800
%RSD	3.907410	3.799561	3.328210	6.456899	.8052212	.1157745

#1	.1013699	.0947594	.0448517	.0439149	.5924122	242.0904
#2	.1089589	.1018717	.0459736	.0457474	.5864195	241.8739
#3	.1080621	.1004444	.0478949	.0402554	.5958294	241.5349

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5247226	.5084046	1.007648	248.0540	.5640591	.5015610
Stddev	.0004862	.0028596	.004180	.5624	.0016461	.0019169
%RSD	.0926498	.5624631	.4148752	.2267351	.2918298	.3821824

#1	.5252690	.5111384	1.004204	247.7409	.5647364	.4998743
#2	.5245606	.5086415	1.006441	247.7179	.5652586	.5011630
#3	.5243380	.5054339	1.012299	248.7033	.5621825	.5036456

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5272793	105.4477	.5526773	273.4964	1.015123	.1865507
Stddev	.0018161	.4181	.0015857	.8110	.003664	.0007734
%RSD	.3444360	.3964809	.2869033	.2965186	.3609386	.4145949

#1	.5252194	104.9651	.5509597	272.5849	1.010924	.1859416
#2	.5279686	105.7013	.5540853	273.7665	1.017670	.1862896
#3	.5286499	105.6765	.5529869	274.1379	1.016775	.1874209

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3172335	.5352524	1.071223	-.001434	-.031513	F -.203377
Stddev	.0324420	.0013584	.007793	.011108	.006797	.000287
%RSD	10.22654	.2537828	.7274992	774.5046	21.56949	.1411688

#1	.3489709	.5336854	1.062224	.010978	-.024572	-.203700
#2	.2841300	.5359759	1.075735	-.004840	-.031810	-.203282
#3	.3185996	.5360959	1.075709	-.010441	-.038157	-.203150

Sample Name: ICSAB Acquired: 10/3/2017 15:51:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) 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	-.000612	.0137592	-.000955	F -.014120	-.000398	.0038868
Stddev	.000407	.0046009	.000559	.002848	.000549	.0002289
%RSD	66.52667	33.43870	58.58487	20.17359	137.8814	5.889718

#1	-.000651	.0154675	-.001578	-.017119	-.000382	.0036383
#2	-.000998	.0172617	-.000791	-.011451	-.000956	.0040891
#3	-.000187	.0085485	-.000495	-.013789	.000142	.0039329

Elem	Sr4077
Units	ppm
Avg	.0841704
Stddev	.0001742
%RSD	.2069543

#1	.0842758
#2	.0842660
#3	.0839693

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1106.949	1151.304	48571.22	11007.30	2274.765
Stddev	6.710	.782	269.87	15.19	3.320
%RSD	.6061798	.0679614	.5556174	.1380233	.1459562

#1	1110.105	1151.740	48791.67	10992.41	2277.345
#2	1111.499	1150.400	48651.73	11022.78	2275.931
#3	1099.243	1151.770	48270.25	11006.71	2271.019

Sample Name: CCV005 Acquired: 10/3/2017 16:18:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.072593	4.879257	24.71892	4.943516	5.117926	411.2823
Stddev	.034105	.019903	.10184	.022006	.012176	2.1323
%RSD	.6723365	.4079024	.4119957	.4451557	.2379062	.5184489

#1	5.099429	4.902032	24.83312	4.964709	5.128893	408.8502
#2	5.084136	4.870531	24.63753	4.945061	5.120060	412.1659
#3	5.034215	4.865208	24.68611	4.920778	5.104824	412.8307

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.39345	.5318601	2.523375	404.8269	15.45388	2.523692
Stddev	.11168	.0016490	.008846	1.6802	.01957	.009473
%RSD	1.074505	.3100374	.3505645	.4150402	.1266658	.3753827

#1	10.26688	.5325861	2.528842	402.9628	15.47647	2.532439
#2	10.47809	.5299727	2.513169	405.2935	15.44216	2.513630
#3	10.43540	.5330215	2.528114	406.2245	15.44300	2.525008

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.92659	417.0052	15.78051	423.5286	2.496783	1.287441
Stddev	.07012	1.5953	.07266	.9736	.009410	.001429
%RSD	.4402695	.3825640	.4604616	.2298749	.3768719	.1109994

#1	16.00754	415.4343	15.71144	422.6314	2.504419	1.288851
#2	15.88449	416.9575	15.77379	423.3907	2.486271	1.285994
#3	15.88775	418.6238	15.85630	424.5638	2.499659	1.287477

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	408.1788	2.606397	15.71906	162.6695	F -1.03305	4.517437
Stddev	1.3922	.009852	.10572	.2939	.04813	.021836
%RSD	.3410677	.3779965	.6725751	.1806840	4.658897	.4833650

#1	409.0015	2.596149	15.60084	162.8305	-1.08526	4.520817
#2	406.5715	2.607245	15.75178	162.8477	-.99045	4.494108
#3	408.9636	2.615798	15.80455	162.3302	-1.02343	4.537385

Sample Name: CCV005 Acquired: 10/3/2017 16:18:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV005 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.985882	5.082092	5.215573	5.057490	5.201813	4.283940
Stddev	.004051	.029143	.020310	.014574	.006068	.019427
%RSD	.0812496	.5734379	.3894134	.2881749	.1166446	.4534876

#1	4.990334	5.084194	5.226002	5.072812	5.204148	4.306294
#2	4.984902	5.051955	5.192167	5.043801	5.194925	4.271148
#3	4.982412	5.110127	5.228549	5.055856	5.206367	4.274376

Elem	Sr4077
Units	ppm
Avg	4.164738
Stddev	.018895
%RSD	.4536946

#1	4.173825
#2	4.177374
#3	4.143017

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	983.4712	1016.066	44458.87	10442.46	1908.741
Stddev	2.0950	5.548	202.21	7.68	10.430
%RSD	.2130214	.5460216	.4548318	.0735433	.5464324

#1	985.8895	1012.481	44353.29	10434.14	1898.044
#2	982.2070	1013.260	44331.30	10443.97	1909.296
#3	982.3172	1022.456	44692.02	10449.28	1918.882

Sample Name: CCB005 Acquired: 10/3/2017 16:22:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000194	-.000893	-.001804	-.000694	-.001263	.0032423	-.003377
Stddev	.003882	.001982	.001268	.001308	.001881	.0012521	.000286
%RSD	2000.963	221.9741	70.31190	188.4228	148.8954	38.61780	8.467460

#1	-.004149	.000804	-.001602	-.001615	-.003229	.0019616	-.003486
#2	.003612	-.003071	-.003161	-.001271	.000520	.0044638	-.003053
#3	-.000045	-.000411	-.000648	.000803	-.001081	.0033016	-.003593

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000098	-.000002	.0039357	-.000297	-.000096	.0004166	.0084477
Stddev	.000027	.000028	.0035642	.000234	.000184	.0004225	.0045215
%RSD	27.86281	1588.676	90.56055	78.49424	191.0794	101.4027	53.52403

#1	-.000075	.000022	.0080458	-.000393	-.000094	.0004348	.0136577
#2	-.000128	-.000033	.0016981	-.000031	-.000282	.0008297	.0055494
#3	-.000090	.000006	.0020631	-.000468	.000086	-.000015	.0061359

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000848	.0106023	.0001652	.0005554	-.076238	-.000120	-.000619
Stddev	.0000978	.0102399	.0001882	.0003298	.120707	.000939	.003773
%RSD	115.3465	96.58183	113.9502	59.38222	158.3296	785.2490	609.6386

#1	.0001415	.0021024	.0001062	.0003715	-.215555	.000947	-.000295
#2	-.000028	.0077341	.0000135	.0003586	-.010229	-.000824	-.004543
#3	.000141	.0219705	.0003759	.0009362	-.002930	-.000482	.002982

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0338078	-.013649	.0026894	.0000972	-.010025	-.001981	.0017492
Stddev	.0240879	.012444	.0007674	.0001630	.002263	.000848	.0002986
%RSD	71.24955	91.16877	28.53483	167.7795	22.57077	42.82192	17.07102

#1	.0504143	-.014102	.0025795	.0002792	-.011343	-.002574	.0019004
#2	.0061811	-.025860	.0019829	.0000474	-.011320	-.001009	.0014053
#3	.0448280	-.000985	.0035059	-.000035	-.007412	-.002359	.0019420

Sample Name: CCB005 Acquired: 10/3/2017 16:22:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB005 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002653	-.000601	-.000847
Stddev	.0005064	.000191	.000007
%RSD	190.8918	31.86060	.8209747

#1	.0005603	-.000545	-.000842
#2	.0005551	-.000444	-.000844
#3	-.000319	-.000814	-.000855

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1277.354	1338.931	56679.88	11975.63	3060.835
Stddev	11.010	2.174	85.87	146.89	5.511
%RSD	.8619388	.1623503	.1514958	1.226593	.1800542

#1	1289.256	1337.672	56766.66	11856.70	3059.244
#2	1275.274	1341.441	56678.02	12139.83	3066.967
#3	1267.533	1337.681	56594.96	11930.35	3056.295

Sample Name: I5353-17 Acquired: 10/3/2017 16:27:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BJ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0330375	-.016301	.1019324	.0032387	.0027730	99.13111	.1702827
Stddev	.0033958	.000962	.0011649	.0033561	.0023251	1.76138	.0033926
%RSD	10.27872	5.898831	1.142813	103.6222	83.84725	1.776822	1.992349

#1	.0342717	-.016731	.1007356	-.000555	.0053067	100.9542	.1740002
#2	.0356436	-.015200	.1030625	.004451	.0022748	99.0005	.1694941
#3	.0291972	-.016973	.1019992	.005820	.0007374	97.4387	.1673539

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023805	.0041570	18.18889	.1422389	.0084350	.1043679	132.4150
Stddev	.0000300	.0001742	.27474	.0019103	.0002868	.0021054	1.6019
%RSD	1.258543	4.189233	1.510490	1.342990	3.400163	2.017256	1.209743

#1	.0023827	.0043559	18.49131	.1443914	.0083642	.1064040	134.1039
#2	.0024094	.0040831	18.12066	.1415798	.0087506	.1045002	132.2238
#3	.0023495	.0040320	17.95469	.1407454	.0081902	.1021995	130.9173

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1472058	2.357366	.0294431	-.009136	.5754486	.2374768	.1308955
Stddev	.0013109	.042818	.0006790	.000543	.0592867	.0013339	.0061055
%RSD	.8905017	1.816368	2.306249	5.945767	10.30270	.5617107	4.664434

#1	.1486982	2.393407	.0296532	-.009170	.5722253	.2386914	.1374879
#2	.1462406	2.368659	.0286839	-.008577	.5178392	.2376899	.1297634
#3	.1466786	2.310034	.0299923	-.009661	.6362812	.2360492	.1254353

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.992287	4.009202	-.231737	.0020776	.2974246	10.04734	-.005397
Stddev	.055009	.083821	.004355	.0003306	.0077979	.14660	.000410
%RSD	2.761086	2.090725	1.879176	15.91239	2.621799	1.459077	7.605331

#1	2.046503	4.100432	-.234174	.0022889	.3063838	10.18653	-.005401
#2	1.993840	3.935590	-.234328	.0016966	.2921666	10.06116	-.005805
#3	1.936518	3.991584	-.226709	.0022473	.2937233	9.89431	-.004985

Sample Name: I5353-17 Acquired: 10/3/2017 16:27:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BJ0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8112955	.0271707	.0575955
Stddev	.0136568	.0005689	.0011800
%RSD	1.683329	2.093740	2.048743

#1	.8261083	.0272862	.0587844
#2	.8085735	.0276730	.0575774
#3	.7992047	.0265529	.0564246

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1191.729	1249.819	53202.54	11886.24	2591.295
Stddev	21.978	20.220	759.69	143.51	30.648
%RSD	1.844208	1.617828	1.427929	1.207399	1.182717

#1	1167.831	1248.498	52328.45	11742.96	2581.413
#2	1211.073	1270.667	53703.75	11885.78	2625.665
#3	1196.282	1230.292	53575.40	12029.99	2566.808

Sample Name: I5353-18 Acquired: 10/3/2017 16:31:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BJ0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0325683	-.018325	.0990561	-.002182	.0028553	96.02848	.1662924
Stddev	.0027429	.002621	.0031026	.006208	.0018565	.07405	.0010825
%RSD	8.421856	14.30364	3.132196	284.5449	65.01972	.0771125	.6509368

#1	.0329624	-.016835	.1024042	.004825	.0048024	95.95114	.1657452
#2	.0350928	-.016787	.0984861	-.004373	.0011051	96.09873	.1675392
#3	.0296497	-.021351	.0962780	-.006998	.0026584	96.03558	.1655927

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021764	.0041470	17.61868	.1329255	.0084229	.1003196	127.3466
Stddev	.0001866	.0004600	.00806	.0008912	.0004478	.0010168	.9439
%RSD	8.571930	11.09187	.0457489	.6704489	5.316329	1.013538	.7412264

#1	.0019625	.0044592	17.61229	.1335464	.0088187	.0995642	127.5414
#2	.0023058	.0043630	17.62773	.1333259	.0079369	.0999189	126.3205
#3	.0022608	.0036188	17.61600	.1319044	.0085131	.1014757	128.1779

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1402961	2.251264	.0292248	-.008056	.4682376	.2301819	.1241105
Stddev	.0002631	.025596	.0005709	.000340	.1002324	.0023783	.0015443
%RSD	.1875274	1.136945	1.953648	4.220818	21.40632	1.033206	1.244313

#1	.1400736	2.274137	.0290437	-.007917	.4071692	.2327502	.1231837
#2	.1402282	2.256038	.0298644	-.007809	.5839160	.2280558	.1232546
#3	.1405865	2.223617	.0287664	-.008444	.4136277	.2297397	.1258933

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.938885	3.943986	-.229273	.0020779	.2920959	9.624370	-.004337
Stddev	.020864	.037876	.000550	.0005449	.0043422	.083341	.001894
%RSD	1.076067	.9603379	.2401084	26.22324	1.486578	.8659328	43.66858

#1	1.926649	3.951697	-.228910	.0025296	.2969456	9.712480	-.003121
#2	1.927031	3.977412	-.229906	.0022314	.2885686	9.546801	-.003371
#3	1.962976	3.902848	-.229002	.0014727	.2907735	9.613828	-.006519

Sample Name: I5353-18 Acquired: 10/3/2017 16:31:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0BJ0D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7863531	.0262027	.0556696
Stddev	.0010460	.0009641	.0001079
%RSD	.1330172	3.679392	.1938725

#1	.7866671	.0251997	.0557895
#2	.7851861	.0271226	.0556391
#3	.7872061	.0262857	.0555802

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1224.847	1280.287	55016.09	12160.69	2644.088
Stddev	14.577	9.457	360.72	49.99	15.581
%RSD	1.190099	.7386933	.6556676	.4110713	.5892854

#1	1237.777	1276.053	55302.07	12124.38	2635.137
#2	1209.050	1273.688	54610.83	12217.70	2635.047
#3	1227.713	1291.122	55135.37	12139.99	2662.079

Sample Name: I5353-19 Acquired: 10/3/2017 16:35:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BJ0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0971598	.1153701	.1476772	.0695903	.0503980	106.5198	4.339740
Stddev	.0003710	.0031347	.0010196	.0043926	.0026385	.5420	.029531
%RSD	.3818170	2.717126	.6904341	6.312142	5.235419	.5088685	.6804744

#1	.0972846	.1166176	.1470912	.0742644	.0533363	107.1452	4.373237
#2	.0967425	.1118036	.1488546	.0689592	.0482310	106.1837	4.328517
#3	.0974523	.1176890	.1470860	.0655474	.0496268	106.2306	4.317466

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0966115	.1005677	20.43310	.5512216	.9941144	.5911772	132.0785
Stddev	.0004237	.0002823	.01628	.0010637	.0012423	.0046699	.7267
%RSD	.4385760	.2806690	.0796979	.1929652	.1249671	.7899290	.5502301

#1	.0968025	.1002418	20.41929	.5500924	.9939571	.5965031	132.8570
#2	.0961258	.1007355	20.45106	.5513677	.9929582	.5892448	131.4180
#3	.0969060	.1007257	20.42895	.5522046	.9954279	.5877836	131.9606

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.207062	2.493957	1.030739	-.001790	.3979500	1.281897	1.040224
Stddev	.004611	.023494	.001884	.000254	.0414093	.010209	.005544
%RSD	.3820077	.9420420	.1827699	14.17809	10.40566	.7963666	.5329601

#1	1.210831	2.520095	1.028861	-.001607	.4365975	1.292844	1.035504
#2	1.201921	2.487180	1.032629	-.001683	.3542437	1.272638	1.046329
#3	1.208435	2.474596	1.030727	-.002080	.4030088	1.280208	1.038838

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.029077	4.004424	-.235554	.0023265	.2965266	10.01927	-.004737
Stddev	.013466	.015313	.003244	.0002879	.0034244	.04158	.000515
%RSD	.6636656	.3824093	1.377346	12.37578	1.154856	.4150436	10.86567

#1	2.042405	3.986901	-.234009	.0020727	.2984208	10.06313	-.005247
#2	2.015477	4.011136	-.239283	.0026394	.2925735	10.01425	-.004218
#3	2.029348	4.015236	-.233372	.0022675	.2985855	9.98042	-.004745

Sample Name: I5353-19 Acquired: 10/3/2017 16:35:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BJ0S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7807179	.0254346	.0606957
Stddev	.0050625	.0002687	.0003953
%RSD	.6484393	1.056451	.6512751

#1	.7865632	.0257448	.0611506
#2	.7778486	.0252824	.0605010
#3	.7777418	.0252764	.0604356

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1256.662	1299.156	55677.12	12039.04	2669.856
Stddev	8.893	6.169	106.29	53.08	10.192
%RSD	.7076819	.4748182	.1909128	.4409369	.3817406

#1	1255.383	1293.178	55560.13	11980.60	2658.835
#2	1248.477	1305.499	55703.44	12052.24	2678.941
#3	1266.125	1298.791	55767.77	12084.28	2671.793

Sample Name: I5353-17LX5 Acquired: 10/3/2017 16:39:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BJ0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095741	-.004645	.0210824	-.002120	.0010698	19.09573	.0303886
Stddev	.0007418	.001180	.0014793	.001559	.0006107	.07568	.0005022
%RSD	7.748502	25.40674	7.016898	73.51934	57.08474	.3962938	1.652746

#1	.0104282	-.003326	.0227532	-.002215	.0011957	19.06180	.0305167
#2	.0092042	-.005005	.0199390	-.003629	.0016077	19.04295	.0308145
#3	.0090899	-.005603	.0205551	-.000516	.0004060	19.18243	.0298348

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004488	.0006063	3.608586	.0278549	.0015317	.0201976	26.50946
Stddev	.0000636	.0000832	.010555	.0004810	.0000565	.0006840	.27871
%RSD	14.18130	13.71834	.2924932	1.726825	3.689631	3.386443	1.051355

#1	.0004983	.0005119	3.620038	.0283591	.0015239	.0196166	26.41586
#2	.0003770	.0006687	3.599248	.0274011	.0015916	.0209514	26.28961
#3	.0004711	.0006381	3.606472	.0278046	.0014794	.0200248	26.82293

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0295300	.4702831	.0053421	-.001583	.0789957	.0468213	.0255257
Stddev	.0002207	.0144105	.0001528	.000432	.1136166	.0009010	.0013036
%RSD	.7472340	3.064217	2.860261	27.25960	143.8263	1.924423	5.106920

#1	.0294069	.4645365	.0055153	-.001604	.0776340	.0458699	.0240205
#2	.0293983	.4596324	.0052844	-.002004	-.033934	.0469321	.0262814
#3	.0297847	.4866802	.0052265	-.001141	.193287	.0476617	.0262753

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3608183	.7491054	-.053150	-.000176	.0514605	2.095496	-.000929
Stddev	.0166094	.0078902	.000634	.000303	.0024206	.006998	.001125
%RSD	4.603266	1.053279	1.192487	172.2179	4.703894	.3339442	121.1413

#1	.3754878	.7573996	-.053761	-.000525	.0531466	2.102768	-.000356
#2	.3641828	.7482232	-.052495	.000009	.0525480	2.088810	-.000206
#3	.3427841	.7416935	-.053192	-.000011	.0486868	2.094909	-.002225

Sample Name: I5353-17LX5 Acquired: 10/3/2017 16:39:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0BJ0L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1589659	.0042158	.0104662
Stddev	.0004214	.0001603	.0000456
%RSD	.2651079	3.801317	.4361063

#1	.1585355	.0040735	.0104507
#2	.1589845	.0043894	.0104303
#3	.1593778	.0041845	.0105176

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1306.326	1352.452	57315.12	12235.92	3005.098
Stddev	11.418	12.034	566.85	36.93	15.503
%RSD	.8740627	.8897992	.9890094	.3017900	.5159064

#1	1293.231	1349.569	56689.15	12215.65	3003.657
#2	1314.197	1365.665	57462.46	12278.54	3021.271
#3	1311.552	1342.120	57793.76	12213.57	2990.365

Sample Name: I5353-20 Acquired: 10/3/2017 16:43:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BJ1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0880757	-.020893	1.118408	-.002919	.0059720	123.5888	.5684200
Stddev	.0030896	.002013	.005883	.004244	.0021209	.2408	.0015185
%RSD	3.507854	9.636250	.5260366	145.4096	35.51481	.1948195	.2671360

#1	.0900751	-.019808	1.123972	-.006959	.0071901	123.3843	.5677634
#2	.0845172	-.023216	1.119001	-.003301	.0035229	123.8542	.5673404
#3	.0896348	-.019656	1.112250	.001504	.0072029	123.5279	.5701563

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032673	.0066438	15.64844	.1497302	.0397683	.1799129	169.7112
Stddev	.0000684	.0003429	.05005	.0006233	.0005592	.0004146	.4887
%RSD	2.094162	5.160926	.3198524	.4162471	1.406086	.2304307	.2879521

#1	.0032991	.0070244	15.59096	.1497010	.0399165	.1802961	169.3808
#2	.0033140	.0065480	15.68239	.1491221	.0402385	.1799696	170.2726
#3	.0031888	.0063591	15.67197	.1503676	.0391500	.1794728	169.4803

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8968701	44.76163	.0786102	-.010679	.6597867	.2496542	.4920704
Stddev	.0058122	.10856	.0004111	.000334	.0848648	.0027026	.0045937
%RSD	.6480478	.2425229	.5229783	3.127726	12.86246	1.082523	.9335424

#1	.8916665	44.76791	.0781438	-.010772	.5692741	.2489582	.4973746
#2	.9031425	44.86690	.0787665	-.010956	.6725217	.2526367	.4894570
#3	.8958014	44.65006	.0789202	-.010308	.7375642	.2473678	.4893798

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.132960	8.444828	-.296595	.0032850	.5091478	10.71161	.0094851
Stddev	.029975	.078838	.002870	.0003139	.0096134	.06474	.0006601
%RSD	.4887532	.9335653	.9675252	9.555604	1.888142	.6044013	6.958921

#1	6.098351	8.519955	-.293389	.0029469	.5201458	10.63705	.0087673
#2	6.150690	8.451790	-.297472	.0035671	.5049527	10.75355	.0100659
#3	6.149839	8.362741	-.298923	.0033409	.5023448	10.74423	.0096223

Sample Name: I5353-20 Acquired: 10/3/2017 16:43:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BJ1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.005038	.0553491	.0471597
Stddev	.005012	.0001946	.0001166
%RSD	.4986598	.3516338	.2472566

#1	1.000772	.0554645	.0470253
#2	1.010557	.0554583	.0472206
#3	1.003784	.0551244	.0472333

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1184.434	1197.494	53047.79	11847.00	2505.351
Stddev	9.837	8.479	131.18	45.16	18.505
%RSD	.8305452	.7080376	.2472805	.3811849	.7386381

#1	1173.940	1187.921	52934.94	11898.49	2485.143
#2	1193.447	1200.503	53016.71	11814.10	2509.442
#3	1185.913	1204.058	53191.71	11828.43	2521.469

Sample Name: I5353-21 Acquired: 10/3/2017 16:47:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BJ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0922576	-.022821	.7097335	-.004309	.0041049	157.8299	.3580099
Stddev	.0017684	.004010	.0040582	.002422	.0017882	.2518	.0007153
%RSD	1.916819	17.56998	.5717887	56.20911	43.56296	.1595211	.1998105

#1	.0933593	-.018248	.7141744	-.003263	.0035653	158.0424	.3580083
#2	.0931957	-.024484	.7088082	-.002585	.0061008	157.8953	.3572953
#3	.0902178	-.025732	.7062179	-.007078	.0026486	157.5518	.3587260

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038821	.0101088	25.49234	.1836036	.0708622	3.598561	199.0178
Stddev	.0000790	.0002347	.07886	.0005172	.0003800	.006174	.7802
%RSD	2.036007	2.321799	.3093330	.2816747	.5362646	.1715742	.3920248

#1	.0037909	.0103162	25.45056	.1840665	.0711267	3.603957	199.3513
#2	.0039242	.0101564	25.58330	.1830455	.0704267	3.591827	199.5758
#3	.0039312	.0098540	25.44317	.1836988	.0710332	3.599899	198.1263

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.420809	72.64723	.0845437	-.013017	.7957497	.3655093	2.583268
Stddev	.009603	.22974	.0006736	.000234	.0137068	.0073503	.006006
%RSD	.6758657	.3162457	.7967711	1.795250	1.722499	2.010985	.2325108

#1	1.423030	72.81629	.0848474	-.013138	.8071055	.3639674	2.587842
#2	1.429106	72.73974	.0850120	-.013166	.7996196	.3735083	2.576466
#3	1.410290	72.38565	.0837717	-.012748	.7805240	.3590523	2.585495

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.403240	12.96088	-.323195	.0032530	4.450586	10.51574	.0042268
Stddev	.073714	.06387	.003100	.0002688	.011390	.05874	.0013439
%RSD	.7839236	.4927543	.9593146	8.263355	.2559165	.5586245	31.79484

#1	9.464818	13.03340	-.322158	.0029818	4.462210	10.57080	.0043088
#2	9.321560	12.91301	-.320747	.0032578	4.439445	10.52253	.0055278
#3	9.423342	12.93624	-.326682	.0035194	4.450102	10.45390	.0028437

Sample Name: I5353-21 Acquired: 10/3/2017 16:47:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BJ2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.488654	.1039377	.0584364
Stddev	.006849	.0004075	.0001117
%RSD	.4600800	.3920405	.1911110

#1	1.495027	.1042362	.0584991
#2	1.489522	.1034735	.0585027
#3	1.481412	.1041035	.0583075

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1185.018	1232.203	53105.14	11878.20	2491.659
Stddev	2.094	1.765	89.15	55.64	2.916
%RSD	.1766822	.1431996	.1678790	.4684178	.1170186

#1	1185.916	1231.284	53149.97	11830.96	2489.381
#2	1182.625	1234.237	53002.47	11864.11	2490.652
#3	1186.513	1231.087	53162.98	11939.53	2494.945

Sample Name: I5353-22 Acquired: 10/3/2017 16:51:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BJ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0378947	-.017614	.0873542	-.002325	.0036006	106.2354	.1485829
Stddev	.0085755	.001124	.0045161	.001152	.0017661	.2863	.0007189
%RSD	22.62977	6.382871	5.169839	49.53401	49.04964	.2694899	.4838246

#1	.0468784	-.018437	.0895087	-.001939	.0023380	106.2187	.1477609
#2	.0297960	-.018071	.0821643	-.003619	.0056187	106.5297	.1490936
#3	.0370099	-.016333	.0903895	-.001415	.0028450	105.9579	.1488944

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023442	.0041416	7.555813	.1501423	.0128544	.0904796	140.3597
Stddev	.0001877	.0001520	.021554	.0024576	.0000372	.0007340	.3745
%RSD	8.008151	3.670912	.2852599	1.636814	.2895368	.8112360	.2667850

#1	.0025270	.0042893	7.536897	.1493250	.0128597	.0912994	140.5532
#2	.0021519	.0039855	7.551265	.1481975	.0128148	.0902561	140.5979
#3	.0023538	.0041500	7.579278	.1529044	.0128887	.0898834	139.9281

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1911658	5.954957	.0310468	-.009863	.4816247	.2686075	.0691817
Stddev	.0014436	.056760	.0003965	.000348	.0866004	.0030646	.0004549
%RSD	.7551546	.9531609	1.277204	3.531784	17.98088	1.140928	.6574789

#1	.1925203	5.896220	.0311390	-.010257	.5529148	.2715684	.0688024
#2	.1896471	6.009509	.0313891	-.009598	.5067077	.2654488	.0696860
#3	.1913299	5.959143	.0306123	-.009734	.3852515	.2688054	.0690566

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.686949	4.013099	-.248498	.0029223	.3746791	9.026705	-.004181
Stddev	.013331	.037586	.004744	.0004894	.0062160	.012233	.000225
%RSD	.4961431	.9365859	1.908969	16.74630	1.659026	.1355214	5.371524

#1	2.672068	4.032269	-.245363	.0025536	.3810627	9.022490	-.003930
#2	2.697799	4.037236	-.246176	.0027358	.3743293	9.017136	-.004247
#3	2.690981	3.969794	-.253956	.0034775	.3686454	9.040488	-.004365

Sample Name: I5353-22 Acquired: 10/3/2017 16:51:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0BJ3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9470631	.0303237	.0347051
Stddev	.0037313	.0002093	.0001224
%RSD	.3939876	.6900736	.3528356

#1	.9477213	.0300852	.0345986
#2	.9504216	.0304766	.0348389
#3	.9430466	.0304092	.0346778

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1229.583	1261.915	54170.50	12041.55	2615.696
Stddev	20.797	2.833	946.34	26.09	8.349
%RSD	1.691390	.2244943	1.746960	.2166871	.3191724

#1	1242.666	1262.546	54566.13	12017.81	2610.143
#2	1240.481	1258.819	54854.81	12037.37	2611.647
#3	1205.602	1264.379	53090.55	12069.49	2625.297

Sample Name: PB102791BL Acquired: 10/3/2017 16:55:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) 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	.0070903	.0014240	.0017381	-.003576	-.001460	-.006442
Stddev	.0008278	.0001239	.0004957	.000273	.000344	.000414
%RSD	11.67547	8.703354	28.52133	7.645211	23.54652	6.422105

#1	.0075132	.0013904	.0012271	-.003816	-.001792	-.006781
#2	.0061364	.0013203	.0022170	-.003632	-.001106	-.005981
#3	.0076211	.0015612	.0017703	-.003278	-.001483	-.006563

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0135153	.0004401	-.000491	-.021125	-.000590	.0005643
Stddev	.0000453	.0000234	.000019	.002256	.000044	.0000116
%RSD	.3354911	5.320271	3.856435	10.67840	7.512131	2.063486

#1	.0134811	.0004473	-.000504	-.023591	-.000546	.0005605
#2	.0135667	.0004590	-.000498	-.020617	-.000590	.0005774
#3	.0134981	.0004139	-.000469	-.019166	-.000635	.0005551

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001779	-.009373	-.000133	.0126775	.0018586	-.000648
Stddev	.000438	.002841	.000028	.0006586	.0000365	.000024
%RSD	24.59764	30.30851	21.36915	5.195140	1.965332	3.751529

#1	-.001294	-.008452	-.000145	.0122606	.0018597	-.000663
#2	-.002144	-.007107	-.000101	.0123352	.0018945	-.000661
#3	-.001900	-.012560	-.000154	.0134368	.0018215	-.000620

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1368145	.0009534	.0025137	-.294763	F -.044329	-.009820
Stddev	.0373302	.0002876	.0001329	.003146	.001128	.000195
%RSD	27.28529	30.16546	5.285079	1.067249	2.544676	1.989122

#1	.1766725	.0010686	.0025295	-.296972	-.044324	-.009926
#2	.1311001	.0011657	.0023737	-.291161	-.043203	-.009939
#3	.1026709	.0006261	.0026380	-.296155	-.045459	-.009595

Sample Name: PB102791BL Acquired: 10/3/2017 16:55:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) 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	-.000318	-.033274	-.003002	F -.014180	.0004461	-.001947
Stddev	.000015	.000367	.000400	.000217	.0000984	.000096
%RSD	4.712377	1.102961	13.31632	1.528183	22.05582	4.943481

#1	-.000335	-.033624	-.003153	-.013945	.0003565	-.002012
#2	-.000307	-.033305	-.002549	-.014224	.0005514	-.001836
#3	-.000313	-.032892	-.003305	-.014372	.0004305	-.001991

Elem	Sr4077
Units	ppm
Avg	-.000965
Stddev	.000008
%RSD	.8250225

#1	-.000957
#2	-.000968
#3	-.000972

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8826.881	9275.514	288077.3	44307.48	17223.66
Stddev	29.316	56.307	606.4	648.67	72.99
%RSD	.3321207	.6070545	.2105038	1.464029	.4237992

#1	8857.935	9239.678	288527.9	44938.47	17171.83
#2	8799.686	9246.449	287387.8	44341.51	17192.01
#3	8823.020	9340.414	288316.3	43642.47	17307.14

Sample Name: PB102771BL Acquired: 10/3/2017 17:03:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002889	-.000681	-.000808	.0019299	.0000085	.0017589	-.004295
Stddev	.005970	.000770	.001375	.0012292	.0018329	.0046066	.000258
%RSD	206.6685	113.1513	170.1430	63.69463	21673.51	261.8981	6.009280

#1	-.000756	.000059	-.002178	.0009456	.0004705	.0041595	-.004457
#2	-.009632	-.000623	-.000818	.0033077	.0015661	.0046695	-.004431
#3	.001722	-.001479	.000572	.0015364	-.002011	-.003552	-.003997

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000043	-.000063	-.000836	-.000292	-.000142	.0003522	.0081554
Stddev	.000049	.000062	.000187	.000404	.000348	.0002002	.0073506
%RSD	116.0381	97.64073	22.40450	138.5928	245.9301	56.83240	90.13215

#1	-.000025	-.000064	-.001052	-.000143	-.000059	.0001211	.0145957
#2	-.000004	-.000001	-.000735	.000017	-.000524	.0004661	.0001474
#3	-.000098	-.000124	-.000721	-.000749	.000158	.0004696	.0097230

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000302	-.007580	-.000508	.0006824	-.053866	-.000859	-.000999
Stddev	.000276	.015311	.000267	.0003526	.107470	.001951	.005508
%RSD	91.31099	201.9811	52.55325	51.66503	199.5137	227.2725	551.5831

#1	-.000403	-.025067	-.000493	.0003662	.053032	.001366	-.000262
#2	-.000513	-.001088	-.000783	.0010626	-.052730	-.002282	.004104
#3	.000010	.003415	-.000249	.0006185	-.161900	-.001659	-.006838

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.018013	-.011481	-.007797	-.000369	-.004576	-.001236	-.000136
Stddev	.034478	.008225	.000574	.000039	.005673	.000903	.000310
%RSD	191.4063	71.63507	7.367710	10.66810	123.9782	73.06385	228.1512

#1	-.021163	-.009504	-.007484	-.000361	.000582	-.002249	.000178
#2	-.050808	-.004426	-.007446	-.000412	-.003658	-.000947	-.000443
#3	.017932	-.020514	-.008459	-.000334	-.010653	-.000513	-.000143

Sample Name: PB102771BL Acquired: 10/3/2017 17:03:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005532	-.000754	-.000966
Stddev	.0003135	.000227	.000013
%RSD	56.66136	30.07139	1.387594

#1	.0009116	-.001016	-.000973
#2	.0004181	-.000609	-.000951
#3	.0003300	-.000639	-.000976

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1259.772	1309.053	55929.95	11766.52	3003.003
Stddev	15.698	5.785	420.93	23.36	8.230
%RSD	1.246062	.4418882	.7526032	.1985543	.2740578

#1	1249.875	1302.376	55620.30	11740.03	2993.642
#2	1251.570	1312.565	55760.32	11775.35	3006.263
#3	1277.872	1312.217	56409.23	11784.17	3009.103

Sample Name: PB102771BS Acquired: 10/3/2017 17:07:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) 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	.0147889	.0533625	.0193007	.0661244	.1174768	.3722015
Stddev	.0020910	.0025872	.0023534	.0026520	.0004409	.0021658
%RSD	14.13881	4.848386	12.19332	4.010662	.3752777	.5818803

#1	.0168218	.0531953	.0209881	.0641044	.1171468	.3732633
#2	.0126444	.0508629	.0203017	.0691276	.1173060	.3736315
#3	.0149006	.0560292	.0166123	.0651412	.1179775	.3697098

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3712009	.0106919	.0106893	9.324636	.0239581	.0949627
Stddev	.0020893	.0000647	.0001069	.007117	.0003265	.0015415
%RSD	.5628367	.6051208	1.000144	.0763196	1.362935	1.623224

#1	.3730685	.0107274	.0107944	9.332644	.0235850	.0942264
#2	.3715896	.0106172	.0106928	9.322230	.0241916	.0939275
#3	.3689446	.0107311	.0105807	9.319035	.0240978	.0967342

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0506392	.2263918	.0339881	10.08602	.0790084	.0193756
Stddev	.0008127	.0078635	.0002152	.03302	.0011282	.0002885
%RSD	1.604821	3.473385	.6330492	.3273853	1.428015	1.489201

#1	.0502457	.2348053	.0340067	10.11866	.0779583	.0195876
#2	.0500982	.2192281	.0341933	10.05263	.0788658	.0194923
#3	.0515737	.2251420	.0337642	10.08679	.0802012	.0190470

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.530627	.1081198	.1174942	9.591192	F .1114597	F .0147697
Stddev	.015401	.0024620	.0029492	.068082	.0062113	.0006212
%RSD	.1615950	2.277138	2.510114	.7098401	5.572704	4.206165

#1	9.515717	.1065967	.1145008	9.629144	.1183789	.0146674
#2	9.529687	.1109603	.1175845	9.631840	.1096353	.0142059
#3	9.546476	.1068026	.1203972	9.512593	.1063649	.0154357

Sample Name: PB102771BS Acquired: 10/3/2017 17:07:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) 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	.0231234	.1509461	.1933250	F .0013530	.2058767	.0779845
Stddev	.0002650	.0078381	.0008699	.0009663	.0004216	.0005404
%RSD	1.145962	5.192632	.4499862	71.42176	.2047894	.6929604

#1	.0229881	.1457752	.1923390	.0014207	.2056789	.0784010
#2	.0229534	.1470986	.1939844	.0003546	.2055903	.0781788
#3	.0234288	.1599644	.1936515	.0022837	.2063608	.0773738

Elem	Sr4077
Units	ppm
Avg	.1794834
Stddev	.0007137
%RSD	.3976420

#1	.1801505
#2	.1795689
#3	.1787308

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1222.228	1267.432	54539.60	11722.99	2842.425
Stddev	13.578	10.389	504.38	61.99	25.280
%RSD	1.110893	.8196703	.9248024	.5288307	.8893800

#1	1216.139	1274.542	54427.35	11673.73	2861.723
#2	1212.762	1272.244	54100.80	11702.65	2851.744
#3	1237.785	1255.509	55090.65	11792.61	2813.809

Sample Name: I5411-11 Acquired: 10/3/2017 17:11:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BE6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0142358	-.009221	.0546376	.0027734	.0025828	85.14465	.1348334
Stddev	.0040512	.000564	.0011350	.0025192	.0008045	.43797	.0006588
%RSD	28.45751	6.114411	2.077286	90.83334	31.15016	.5143791	.4885897

#1	.0175389	-.009046	.0536256	.0029122	.0016541	84.97436	.1345968
#2	.0154530	-.009852	.0544224	.0052204	.0030669	84.81741	.1343256
#3	.0097156	-.008767	.0558647	.0001877	.0030274	85.64219	.1355779

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017271	.0013770	2.282265	.1160604	.0065014	.0471834	66.89325
Stddev	.0000272	.0002325	.021945	.0013541	.0004483	.0008064	.39935
%RSD	1.574805	16.88739	.9615402	1.166724	6.895540	1.709045	.5969978

#1	.0017070	.0013285	2.269922	.1152823	.0065173	.0466755	66.52517
#2	.0017581	.0011725	2.269271	.1176240	.0060454	.0481132	66.83672
#3	.0017162	.0016299	2.307602	.1152749	.0069416	.0467615	67.31785

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0787823	1.089243	.0285143	-.004311	.3343706	.1555377	.0370531
Stddev	.0006724	.010856	.0001554	.000295	.0226989	.0016963	.0018134
%RSD	.8535346	.9966481	.5448485	6.843169	6.788561	1.090574	4.894049

#1	.0780897	1.091593	.0286336	-.004645	.3457009	.1564065	.0382015
#2	.0788246	1.077405	.0283386	-.004087	.3491740	.1566236	.0349626
#3	.0794326	1.098732	.0285707	-.004200	.3082369	.1535831	.0379953

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.890623	2.478518	-.114249	.0010205	1.017300	9.063239	-.006873
Stddev	.020120	.019359	.001770	.0002548	.019729	.035327	.001223
%RSD	1.064205	.7810715	1.549624	24.97223	1.939361	.3897786	17.78937

#1	1.890849	2.456918	-.113159	.0009092	.999087	9.023091	-.005540
#2	1.870391	2.484332	-.113296	.0013121	1.014555	9.089562	-.007138
#3	1.910629	2.494304	-.116292	.0008403	1.038257	9.077066	-.007942

Sample Name: I5411-11 Acquired: 10/3/2017 17:11:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BE6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6605458	.0177611	.0129230
Stddev	.0063553	.0002600	.0001170
%RSD	.9621291	1.463754	.9054314

#1	.6570424	.0177247	.0128981
#2	.6567131	.0175212	.0128204
#3	.6678818	.0180374	.0130504

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1237.742	1264.039	54941.99	11785.33	2718.284
Stddev	11.651	14.230	172.22	44.04	29.615
%RSD	.9412944	1.125734	.3134655	.3736683	1.089467

#1	1242.227	1273.846	54879.60	11818.79	2738.997
#2	1246.484	1270.552	55136.72	11801.75	2731.491
#3	1224.515	1247.718	54809.66	11735.44	2684.363

Sample Name: I5411-12 Acquired: 10/3/2017 17:15:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BE7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0533703	-.021457	.1338064	.0025335	.0041661	139.6632	.5837609
Stddev	.0023043	.001884	.0017053	.0049829	.0008734	.1222	.0002018
%RSD	4.317504	8.782414	1.274478	196.6850	20.96531	.0875266	.0345630

#1	.0552318	-.023618	.1357755	.0021454	.0051551	139.7638	.5835693
#2	.0540861	-.020151	.1328411	.0076991	.0038426	139.5272	.5839715
#3	.0507932	-.020603	.1328028	-.002244	.0035005	139.6988	.5837420

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050482	.0052189	12.07766	.1466435	.0383008	.0986446	171.8711
Stddev	.0000110	.0001271	.02710	.0004538	.0005505	.0006157	.3623
%RSD	.2174197	2.434335	.2243787	.3094501	1.437346	.6241065	.2108074

#1	.0050424	.0052984	12.05189	.1462533	.0389364	.0991956	171.4887
#2	.0050414	.0050724	12.10592	.1465356	.0379785	.0979801	171.9154
#3	.0050609	.0052860	12.07517	.1471414	.0379874	.0987581	172.2092

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.066293	11.94504	.0704334	-.011056	1.354179	.2851846	.2291425
Stddev	.004724	.00906	.0006732	.000269	.093370	.0031669	.0041872
%RSD	.4429850	.0758722	.9557921	2.435556	6.894949	1.110455	1.827348

#1	1.060933	11.95408	.0712106	-.011350	1.277155	.2877277	.2330786
#2	1.069849	11.94510	.0700579	-.010821	1.458024	.2816375	.2247427
#3	1.068096	11.93595	.0700317	-.010998	1.327358	.2861887	.2296062

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.878371	8.500428	-.297274	.0067527	.2390079	9.087768	.0080815
Stddev	.032003	.140582	.003649	.0006770	.0066804	.044651	.0023032
%RSD	.6560170	1.653818	1.227407	10.02624	2.795060	.4913300	28.49971

#1	4.844231	8.657381	-.293995	.0067201	.2376856	9.038555	.0054276
#2	4.907690	8.457834	-.296621	.0060925	.2462506	9.099056	.0095583
#3	4.883192	8.386069	-.301205	.0074454	.2330876	9.125690	.0092587

Sample Name: I5411-12 Acquired: 10/3/2017 17:15:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BE7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.351776	.0728797	.0753313
Stddev	.001018	.0006890	.0001628
%RSD	.0752826	.9453756	.2160967

#1	1.350806	.0735502	.0754740
#2	1.351685	.0721736	.0751540
#3	1.352836	.0729153	.0753660

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1164.849	1198.237	51914.10	11497.01	2464.238
Stddev	11.338	12.748	134.28	9.40	24.302
%RSD	.9733547	1.063935	.2586534	.0817854	.9861778

#1	1152.190	1183.933	51761.25	11507.83	2436.948
#2	1168.287	1202.377	51967.98	11492.43	2472.222
#3	1174.071	1208.401	52013.07	11490.79	2483.543

Sample Name: I5411-13 Acquired: 10/3/2017 17:19:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BE7D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0536526	-.019806	.1288792	.0021125	.0050135	132.4430	.5469468
Stddev	.0046133	.004006	.0019192	.0032809	.0009995	.1281	.0013182
%RSD	8.598382	20.22865	1.489162	155.3072	19.93605	.0967458	.2410162

#1	.0588881	-.018774	.1306474	.0058959	.0061108	132.5130	.5484689
#2	.0501838	-.016416	.1268382	.0000506	.0041553	132.2952	.5461751
#3	.0518859	-.024227	.1291521	.0003911	.0047743	132.5209	.5461963

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049352	.0046929	11.56188	.1396533	.0350945	.0922845	164.4678
Stddev	.0000392	.0001741	.02790	.0002148	.0003225	.0007443	.7128
%RSD	.7943941	3.709054	.2413215	.1537778	.9189503	.8064936	.4334249

#1	.0049098	.0045319	11.58466	.1398835	.0347359	.0931284	163.6625
#2	.0049156	.0046692	11.53076	.1396178	.0351870	.0920034	164.7229
#3	.0049804	.0048775	11.57023	.1394584	.0353607	.0917217	165.0180

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.024130	11.41471	.0672615	-.010373	1.258709	.2704768	.2257754
Stddev	.002660	.07126	.0011271	.000402	.039362	.0021202	.0059407
%RSD	.2597101	.6242515	1.675651	3.879789	3.127165	.7838811	2.631229

#1	1.023779	11.33257	.0685360	-.010035	1.219191	.2681153	.2242447
#2	1.021663	11.45166	.0668521	-.010818	1.297913	.2710981	.2323316
#3	1.026948	11.45990	.0663963	-.010266	1.259022	.2722169	.2207499

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.553815	8.191245	-.284862	.0065115	.2349924	8.731457	.0062242
Stddev	.025392	.039987	.002504	.0005425	.0062204	.090339	.0013455
%RSD	.5575885	.4881652	.8789248	8.332040	2.647074	1.034637	21.61675

#1	4.566586	8.145119	-.282904	.0071167	.2309802	8.764293	.0054039
#2	4.570286	8.216099	-.283999	.0063490	.2421580	8.629292	.0077770
#3	4.524573	8.212518	-.287683	.0060687	.2318390	8.800785	.0054917

Sample Name: I5411-13 Acquired: 10/3/2017 17:19:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0BE7D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.283505	.0676032	.0709140
Stddev	.004385	.0001924	.0001052
%RSD	.3416266	.2845424	.1483507

#1	1.278520	.0678046	.0708921
#2	1.286767	.0674214	.0708215
#3	1.285226	.0675835	.0710284

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1238.673	1277.871	54796.07	11985.88	2626.194
Stddev	14.496	8.680	434.96	28.74	7.818
%RSD	1.170291	.6792777	.7937828	.2397964	.2976829

#1	1244.001	1268.193	55031.87	11992.90	2618.889
#2	1222.267	1284.967	54294.12	12010.45	2634.439
#3	1249.751	1280.454	55062.21	11954.27	2625.253

Sample Name: I5411-14 Acquired: 10/3/2017 17:23:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BE7S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1179333	.1102074	.1660632	.0778931	.0544419	140.8950	4.664830
Stddev	.0017356	.0036339	.0015906	.0058451	.0020347	3.5914	.123569
%RSD	1.471707	3.297364	.9578372	7.504022	3.737386	2.549004	2.648953

#1	.1192330	.1101763	.1677439	.0845998	.0567524	143.1181	4.743312
#2	.1186045	.1138568	.1658644	.0738837	.0529175	142.8152	4.728788
#3	.1159623	.1065891	.1645813	.0751959	.0536560	136.7517	4.522391

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0992074	.0986945	11.85102	.5482120	.9899775	.5687457	171.0267
Stddev	.0024052	.0005997	.28242	.0036436	.0018709	.0163399	4.1405
%RSD	2.424411	.6075952	2.383077	.6646409	.1889843	2.872967	2.420951

#1	.1014493	.0988926	12.04486	.5519774	.9890952	.5794334	173.4966
#2	.0995063	.0991700	11.98123	.5447038	.9921264	.5768673	173.3368
#3	.0966668	.0980208	11.52699	.5479549	.9887109	.5499363	166.2465

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.064695	11.92230	1.031118	-.004684	1.264067	1.323951	1.110537
Stddev	.047338	.29843	.000537	.000034	.146386	.041291	.008031
%RSD	2.292740	2.503111	.0520369	.7296095	11.58059	3.118774	.7231915

#1	2.093046	12.07036	1.031084	-.004709	1.431808	1.350840	1.118592
#2	2.090992	12.11775	1.031671	-.004698	1.198260	1.344604	1.102529
#3	2.010046	11.57879	1.030599	-.004645	1.162134	1.276408	1.110490

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.707237	8.629637	-.291999	.0071527	.2162323	3.194258	.0019744
Stddev	.146442	.041111	.007130	.0003332	.0097815	.087841	.0017095
%RSD	3.110986	.4763980	2.441930	4.658638	4.523604	2.749955	86.58443

#1	4.822992	8.677105	-.298818	.0070700	.2266855	3.260999	.0033826
#2	4.756110	8.606374	-.292586	.0068686	.2147105	3.227032	.0000723
#3	4.542609	8.605432	-.284593	.0075194	.2073009	3.094742	.0024681

Sample Name: I5411-14 Acquired: 10/3/2017 17:23:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BE7S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.189125	.0685514	.0738461
Stddev	.028173	.0014250	.0018818
%RSD	2.369219	2.078775	2.548309

#1	1.205035	.0694965	.0750485
#2	1.205743	.0692454	.0748124
#3	1.156596	.0669123	.0716775

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1258.274	1285.072	55184.39	11835.39	2642.204
Stddev	11.888	9.571	343.19	285.57	13.115
%RSD	.9447662	.7448107	.6218940	2.412874	.4963745

#1	1244.861	1288.171	54788.34	11613.67	2646.618
#2	1267.508	1292.711	55370.62	11734.87	2652.544
#3	1262.453	1274.336	55394.20	12157.64	2627.452

Sample Name: I5411-12LX5 Acquired: 10/3/2017 17:27:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BE7L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0192261	-.007644	.0285660	.0000404	.0001443	27.90982	.1138088
Stddev	.0036992	.001984	.0017400	.0040318	.0002068	.28505	.0016650
%RSD	19.24070	25.95626	6.091282	9977.578	143.3759	1.021337	1.462942

#1	.0233128	-.005418	.0300848	-.001682	-.000095	27.58796	.1119177
#2	.0182592	-.009225	.0289458	-.002844	.000265	28.13044	.1150543
#3	.0161063	-.008289	.0266674	.004647	.000263	28.01105	.1144543

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010965	.0008668	2.455135	.0291798	.0073835	.0204038	35.88310
Stddev	.0000398	.0000393	.011915	.0005807	.0002363	.0007387	.27259
%RSD	3.630656	4.531014	.4853211	1.989986	3.199977	3.620533	.7596497

#1	.0010888	.0008318	2.441395	.0286980	.0071121	.0199792	35.59048
#2	.0010611	.0009093	2.461374	.0298246	.0075430	.0199754	36.12983
#3	.0011396	.0008593	2.462634	.0290170	.0074953	.0212568	35.92899

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2219929	2.525590	.0137943	-.002205	.2414942	.0574563	.0502276
Stddev	.0017367	.024180	.0003981	.000437	.0208407	.0026691	.0059981
%RSD	.7823159	.9573828	2.886240	19.83293	8.629912	4.645479	11.94188

#1	.2209254	2.498697	.0138940	-.002543	.2650209	.0544462	.0437646
#2	.2210564	2.532539	.0133558	-.001711	.2253483	.0583880	.0556154
#3	.2239968	2.545534	.0141331	-.002362	.2341135	.0595347	.0513027

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9740288	1.677398	-.069386	.0010848	.0450661	1.960271	.0008929
Stddev	.0158769	.023335	.000896	.0005990	.0032696	.006827	.0005591
%RSD	1.630028	1.391124	1.291280	55.21497	7.255147	.3482623	62.60982

#1	.9906633	1.690546	-.068493	.0012048	.0414911	1.959426	.0012345
#2	.9723861	1.691193	-.069381	.0016147	.0458027	1.967481	.0011966
#3	.9590371	1.650456	-.070285	.0004349	.0479046	1.953906	.0002478

Sample Name: I5411-12LX5 Acquired: 10/3/2017 17:27:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0BE7L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2756418	.0134339	.0144769
Stddev	.0022166	.0003673	.0001802
%RSD	.8041756	2.734086	1.244839

#1	.2733163	.0130645	.0142698
#2	.2777305	.0134382	.0145979
#3	.2758787	.0137990	.0145630

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1225.643	1267.724	54185.55	11757.45	2800.406
Stddev	7.397	5.944	160.73	34.07	4.146
%RSD	.6035062	.4688744	.2966256	.2897584	.1480673

#1	1231.317	1274.023	54328.29	11784.73	2804.352
#2	1217.277	1262.214	54011.46	11719.26	2796.084
#3	1228.335	1266.935	54216.90	11768.35	2800.781

Sample Name: I5411-15 Acquired: 10/3/2017 17:31:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BE9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0623393	-.019619	.5864986	.0022888	.0024640	130.9676	.3747359
Stddev	.0007795	.001410	.0038499	.0113112	.0005908	.2953	.0005453
%RSD	1.250398	7.187409	.6564268	494.1976	23.97580	.2254786	.1455161

#1	.0614511	-.018058	.5857546	-.004846	.0031104	131.0721	.3741627
#2	.0626569	-.019998	.5906662	.015331	.0019522	131.1965	.3747967
#3	.0629098	-.020800	.5830750	-.003618	.0023293	130.6343	.3752483

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038354	.0054053	10.69506	.1684840	.0222998	.1180148	164.6063
Stddev	.0000837	.0001259	.05032	.0008977	.0006546	.0018345	.6461
%RSD	2.183388	2.329310	.4705271	.5328286	2.935469	1.554437	.3925031

#1	.0038936	.0053080	10.64066	.1694012	.0219438	.1193473	164.0730
#2	.0038731	.0053604	10.73995	.1684438	.0230552	.1187746	165.3248
#3	.0037394	.0055475	10.70457	.1676071	.0219002	.1159225	164.4212

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3957450	6.830481	.0458969	-.009844	.7296589	.3040336	.5229001
Stddev	.0042735	.055799	.0007300	.000396	.0502497	.0042964	.0096152
%RSD	1.079860	.8169179	1.590552	4.020688	6.886738	1.413127	1.838821

#1	.3924200	6.890300	.0457141	-.010006	.7044194	.3035533	.5266631
#2	.4005652	6.779838	.0467010	-.010133	.7875252	.2999976	.5300647
#3	.3942499	6.821307	.0452757	-.009393	.6970320	.3085500	.5119725

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.593167	6.397209	-.295241	.0044275	.6026703	6.643907	.0062840
Stddev	.011466	.046136	.001669	.0001894	.0151981	.036639	.0005054
%RSD	.3191109	.7211891	.5651631	4.278500	2.521788	.5514735	8.041836

#1	3.594195	6.354752	-.296600	.0042396	.5853628	6.673496	.0061202
#2	3.604085	6.446305	-.295745	.0046184	.6138379	6.655301	.0058808
#3	3.581222	6.390571	-.293379	.0044245	.6088101	6.602925	.0068509

Sample Name: I5411-15 Acquired: 10/3/2017 17:31:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0BE9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8879976	.0526923	.0566132
Stddev	.0042590	.0002922	.0000435
%RSD	.4796178	.5545393	.0768429

#1	.8856120	.0530279	.0566625
#2	.8929148	.0524949	.0565968
#3	.8854661	.0525540	.0565803

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1198.910	1248.478	53492.00	11636.02	2610.792
Stddev	19.058	9.896	689.53	63.26	20.586
%RSD	1.589599	.7926613	1.289025	.5436153	.7884998

#1	1179.339	1250.474	52794.77	11606.65	2623.478
#2	1199.980	1237.736	53507.68	11592.78	2587.040
#3	1217.410	1257.224	54173.55	11708.62	2621.859

Sample Name: I5411-16 Acquired: 10/3/2017 17:36:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BF0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0666362	-.022556	1.100220	-.001533	.0060470	140.2553	.3718089
Stddev	.0019654	.001112	.003166	.007202	.0030614	.1428	.0008033
%RSD	2.949422	4.929512	.2877771	469.8719	50.62734	.1018288	.2160433

#1	.0659183	-.023158	1.101300	-.003462	.0033855	140.2637	.3727080
#2	.0651306	-.023237	1.096655	-.007574	.0053628	140.1084	.3711620
#3	.0688596	-.021273	1.102705	.006437	.0093926	140.3937	.3715566

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038141	.0064603	13.71464	.1854501	.0335016	.1626184	188.2828
Stddev	.0001090	.0002557	.03279	.0009359	.0006434	.0004295	.9139
%RSD	2.856799	3.957598	.2390666	.5046345	1.920411	.2640873	.4853943

#1	.0038062	.0066881	13.72792	.1859075	.0330577	.1623384	187.3200
#2	.0039269	.0065090	13.67730	.1843736	.0332076	.1631128	188.3899
#3	.0037094	.0061838	13.73871	.1860694	.0342394	.1624039	189.1384

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4827974	9.139871	.0491837	-.011510	1.219706	.3338749	.9097362
Stddev	.0019709	.044397	.0006130	.000267	.073129	.0031216	.0173913
%RSD	.4082309	.4857554	1.246243	2.320304	5.995592	.9349692	1.911682

#1	.4805249	9.109240	.0485974	-.011756	1.242497	.3329719	.9289331
#2	.4838263	9.119585	.0491335	-.011226	1.137895	.3313044	.8950323
#3	.4840409	9.190788	.0498202	-.011548	1.278725	.3373485	.9052432

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.483057	6.974616	-.340182	.0035596	.9529453	10.48289	.0970709
Stddev	.026318	.062618	.003469	.0005845	.0131338	.04371	.0019607
%RSD	.7555866	.8977967	1.019637	16.42092	1.378231	.4169317	2.019863

#1	3.480091	6.920625	-.337106	.0040331	.9418796	10.43354	.0970419
#2	3.510731	6.959962	-.339500	.0029063	.9674592	10.49845	.0951249
#3	3.458347	7.043262	-.343942	.0037393	.9494970	10.51669	.0990460

Sample Name: I5411-16 Acquired: 10/3/2017 17:36:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BF0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9644514	.0512473	.0720892
Stddev	.0024428	.0001741	.0000486
%RSD	.2532875	.3397467	.0674729

#1	.9644505	.0513131	.0720958
#2	.9620090	.0513789	.0721342
#3	.9668947	.0510499	.0720376

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1216.184	1256.861	54168.11	11801.76	2610.555
Stddev	11.973	8.512	417.36	37.46	11.065
%RSD	.9844991	.6772231	.7704977	.3174072	.4238557

#1	1203.709	1247.707	53843.11	11842.62	2600.886
#2	1227.583	1264.536	54638.79	11793.63	2622.623
#3	1217.260	1258.341	54022.44	11769.04	2608.155

Sample Name: I5411-17 Acquired: 10/3/2017 17:40:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BF1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0475940	-.018907	.3737657	-.003230	.0055729	148.2803	.2459003
Stddev	.0006600	.003973	.0049073	.004114	.0021191	1.0433	.0024225
%RSD	1.386765	21.01277	1.312936	127.3527	38.02513	.7036249	.9851617

#1	.0482429	-.022747	.3788880	-.007172	.0041492	147.3085	.2439525
#2	.0476158	-.014814	.3691061	-.003556	.0045613	148.1495	.2451355
#3	.0469234	-.019160	.3733029	.001037	.0080083	149.3828	.2486129

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032901	.0060661	17.19670	.1829397	.0457333	.3038178	190.4016
Stddev	.0000475	.0001265	.14108	.0009460	.0006765	.0019761	.8483
%RSD	1.444622	2.086095	.8203973	.5171265	1.479285	.6504302	.4455231

#1	.0033171	.0060837	17.10392	.1819231	.0464608	.3017674	189.8014
#2	.0033179	.0061829	17.12712	.1831018	.0456160	.3039756	190.0312
#3	.0032352	.0059317	17.35905	.1837942	.0451230	.3057102	191.3720

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5910222	21.28957	.0576325	-.012595	1.479180	.5057030	.3457552
Stddev	.0041864	.08915	.0005569	.000595	.111777	.0056454	.0068784
%RSD	.7083329	.4187457	.9662552	4.720880	7.556685	1.116353	1.989372

#1	.5866088	21.19579	.0582724	-.012337	1.359769	.5111803	.3524282
#2	.5915207	21.29968	.0572575	-.012174	1.496460	.5060254	.3386884
#3	.5949370	21.37323	.0573677	-.013276	1.581310	.4999032	.3461489

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.719622	13.98557	-.339391	.0033018	1.049105	10.02936	.0061587
Stddev	.034191	.08489	.002324	.0002758	.006632	.07823	.0000559
%RSD	.7244459	.6069521	.6848391	8.353693	.6321474	.7800554	.9074876

#1	4.695517	14.01989	-.337476	.0030024	1.054281	10.09817	.0062182
#2	4.704597	14.04792	-.338721	.0035455	1.051405	9.94427	.0061505
#3	4.758753	13.88890	-.341977	.0033576	1.041629	10.04564	.0061074

Sample Name: I5411-17 Acquired: 10/3/2017 17:40:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BF1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.163263	.0591858	.0642682
Stddev	.010192	.0004049	.0004562
%RSD	.8761592	.6841389	.7098484

#1	1.158950	.0588634	.0638376
#2	1.155937	.0590537	.0642207
#3	1.174903	.0596402	.0647463

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1171.272	1247.421	52142.34	11643.39	2559.922
Stddev	5.618	11.897	104.10	29.17	20.182
%RSD	.4796683	.9537576	.1996542	.2505251	.7883675

#1	1165.792	1236.225	52061.46	11668.36	2540.108
#2	1177.019	1246.124	52259.79	11650.49	2559.206
#3	1171.005	1259.914	52105.75	11611.33	2580.452

Sample Name: I5411-18 Acquired: 10/3/2017 17:44:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BF2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0630128	-.018388	.9867968	.0002274	.0045864	109.1953	.3803393
Stddev	.0053437	.002070	.0063003	.0040108	.0016401	.1467	.0004432
%RSD	8.480295	11.25952	.6384565	1763.464	35.75936	.1343097	.1165241

#1	.0637607	-.016197	.9904181	.0041874	.0064801	109.3285	.3808300
#2	.0573346	-.020312	.9795219	-.003832	.0036287	109.0382	.3799683
#3	.0679431	-.018655	.9904503	.000327	.0036504	109.2193	.3802196

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034923	.0053491	11.98922	.1525044	.0310959	.1874562	148.1055
Stddev	.0000819	.0000114	.03946	.0023982	.0001186	.0024785	.1868
%RSD	2.346067	.2128378	.3290919	1.572567	.3813992	1.322185	.1261090

#1	.0035699	.0053464	12.01860	.1548477	.0310497	.1898918	148.1202
#2	.0035005	.0053615	11.94438	.1526107	.0310074	.1849368	147.9118
#3	.0034066	.0053393	12.00470	.1500548	.0312307	.1875399	148.2845

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4684312	7.056495	.0424290	-.009493	.7350557	.2695090	.5827159
Stddev	.0014579	.024677	.0001124	.000321	.0473258	.0020922	.0055822
%RSD	.3112224	.3497007	.2648929	3.386188	6.438389	.7763140	.9579664

#1	.4673971	7.035482	.0425432	-.009653	.7717500	.2718108	.5865859
#2	.4677979	7.083668	.0424254	-.009704	.7517781	.2689938	.5852450
#3	.4700986	7.050336	.0423185	-.009123	.6816390	.2677226	.5763167

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.586313	14.08790	-.267299	.0032676	.8996166	9.045007	.0243234
Stddev	.010656	.09890	.002150	.0005054	.0055439	.041881	.0024289
%RSD	.4120155	.7020461	.8044156	15.46543	.6162482	.4630276	9.985964

#1	2.584303	14.06320	-.267168	.0027657	.8932609	9.079768	.0230144
#2	2.576804	14.00368	-.265217	.0032608	.9034566	9.056742	.0228297
#3	2.597830	14.19681	-.269512	.0037763	.9021322	8.998510	.0271260

Sample Name: I5411-18 Acquired: 10/3/2017 17:44:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BF2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9119044	.0405548	.0729620
Stddev	.0016383	.0000526	.0001137
%RSD	.1796533	.1296082	.1558509

#1	.9135771	.0405682	.0730660
#2	.9103029	.0405994	.0728406
#3	.9118331	.0404969	.0729794

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1240.754	1282.283	54770.21	11986.43	2662.664
Stddev	3.241	9.609	124.48	22.35	14.190
%RSD	.2611721	.7493993	.2272721	.1864671	.5329241

#1	1239.527	1271.785	54717.16	11960.63	2647.233
#2	1238.305	1290.643	54681.05	11999.92	2675.151
#3	1244.428	1284.423	54912.43	11998.73	2665.607

Sample Name: I5411-19 Acquired: 10/3/2017 17:48:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BF3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0901353	-.018400	.9647257	.0039774	.0057739	124.2826	.4532227
Stddev	.0074078	.004409	.0034929	.0035034	.0027348	.2117	.0015363
%RSD	8.218486	23.96247	.3620604	88.08326	47.36452	.1703385	.3389711

#1	.0846920	-.016757	.9617516	.0063497	.0026840	124.4794	.4548630
#2	.0871427	-.023394	.9638533	.0056291	.0078831	124.0586	.4518175
#3	.0985712	-.015048	.9685721	-.000047	.0067548	124.3098	.4529874

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039409	.0055553	13.80016	.1630776	.0370435	.1559570	164.4835
Stddev	.0001489	.0001228	.04413	.0012157	.0004888	.0006545	.1046
%RSD	3.777180	2.211018	.3197923	.7454559	1.319493	.4196681	.0635693

#1	.0040056	.0055279	13.84464	.1620085	.0372641	.1562131	164.5865
#2	.0040465	.0056895	13.79945	.1643999	.0364833	.1564447	164.3775
#3	.0037706	.0054485	13.75639	.1628243	.0373830	.1552132	164.4865

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5432537	11.19466	.0599946	-.010692	.8390591	.3062195	.5655568
Stddev	.0011411	.04004	.0009981	.000352	.0680975	.0017192	.0016674
%RSD	.2100415	.3576316	1.663645	3.291422	8.115931	.5614373	.2948251

#1	.5423992	11.14851	.0597161	-.010867	.8188777	.3045725	.5673585
#2	.5428125	11.21542	.0591653	-.010287	.9149662	.3060831	.5640680
#3	.5445495	11.22006	.0611024	-.010922	.7833334	.3080028	.5652440

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.964503	8.175197	-.291870	.0036130	1.852263	9.912478	.0065115
Stddev	.023554	.084703	.004049	.0003887	.009190	.040640	.0018022
%RSD	.7945366	1.036099	1.387352	10.75881	.4961276	.4099930	27.67654

#1	2.973981	8.172552	-.296504	.0040100	1.855290	9.928643	.0069397
#2	2.937686	8.091848	-.290087	.0032332	1.841942	9.866242	.0080611
#3	2.981842	8.261192	-.289018	.0035957	1.859558	9.942549	.0045339

Sample Name: I5411-19 Acquired: 10/3/2017 17:48:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BF3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.003239	.0503820	.0783506
Stddev	.001715	.0004107	.0003990
%RSD	.1709431	.8151379	.5092303

#1	1.004785	.0501594	.0785920
#2	1.003538	.0501308	.0778901
#3	1.001395	.0508560	.0785697

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1227.448	1260.240	54395.50	11864.27	2626.483
Stddev	3.447	8.340	16.06	36.89	9.803
%RSD	.2807958	.6618072	.0295316	.3109065	.3732294

#1	1224.032	1260.603	54412.14	11821.74	2629.057
#2	1230.925	1268.393	54380.09	11887.53	2634.741
#3	1227.389	1251.724	54394.26	11883.54	2615.649

Sample Name: I5411-20 Acquired: 10/3/2017 17:52:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BF4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102768	-.007162	.0268606	.0038922	.0018960	37.53741	.0439723
Stddev	.0011089	.001344	.0010892	.0017325	.0020225	.03376	.0007931
%RSD	10.78991	18.76781	4.054990	44.51147	106.6723	.0899329	1.803720

#1	.0115396	-.008234	.0281172	.0058740	.0011757	37.54123	.0437233
#2	.0094624	-.007598	.0262778	.0026655	.0003323	37.56910	.0448600
#3	.0098283	-.005654	.0261867	.0031369	.0041801	37.50191	.0433335

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005723	.0009274	1.807749	.0485746	.0025474	.0254017	38.48268
Stddev	.0000987	.0002075	.014519	.0008622	.0002161	.0003003	.23551
%RSD	17.24530	22.37397	.8031542	1.774908	8.484516	1.182066	.6119838

#1	.0004940	.0007793	1.797163	.0490194	.0023007	.0255996	38.34164
#2	.0005398	.0011646	1.801783	.0491236	.0026378	.0255492	38.35183
#3	.0006832	.0008384	1.824300	.0475809	.0027036	.0250562	38.75455

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0568595	.6812911	.0113661	-.002205	.0416930	.0755114	.0228279
Stddev	.0002195	.0043641	.0004613	.000097	.0791880	.0010249	.0024551
%RSD	.3859892	.6405587	4.058325	4.388102	189.9314	1.357339	10.75479

#1	.0568251	.6768163	.0117843	-.002317	.1319622	.0746452	.0214275
#2	.0570941	.6855353	.0114425	-.002147	.0091819	.0766429	.0213935
#3	.0566592	.6815218	.0108713	-.002151	-.016065	.0752460	.0256628

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6000062	1.366161	-.073530	.0006606	.4649473	5.431558	-.011263
Stddev	.0056252	.021399	.000191	.0004256	.0039388	.020596	.000736
%RSD	.9375229	1.566357	.2595981	64.42592	.8471604	.3791982	6.531691

#1	.5985044	1.382832	-.073739	.0001745	.4606145	5.419811	-.010743
#2	.6062299	1.342031	-.073366	.0008408	.4683115	5.419523	-.012104
#3	.5952844	1.373621	-.073483	.0009663	.4659158	5.455340	-.010940

Sample Name: I5411-20 Acquired: 10/3/2017 17:52:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BF4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4335825	.0089015	.0079826
Stddev	.0029468	.0001514	.0000637
%RSD	.6796450	1.700614	.7973683

#1	.4305953	.0087269	.0080022
#2	.4336649	.0089962	.0080342
#3	.4364872	.0089813	.0079115

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1213.104	1255.252	54618.02	11794.84	2819.593
Stddev	9.549	.597	384.28	38.18	8.495
%RSD	.7871830	.0475955	.7035733	.3236951	.3012769

#1	1214.143	1254.568	54736.38	11763.50	2824.150
#2	1203.078	1255.511	54188.49	11837.36	2824.837
#3	1222.092	1255.676	54929.20	11783.66	2809.792

Sample Name: CCV006 Acquired: 10/3/2017 17:57:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.155840	4.915063	25.09403	5.024518	5.197460	412.5543
Stddev	.026997	.018823	.10116	.027525	.034319	4.0438
%RSD	.5236119	.3829593	.4031306	.5478060	.6603020	.9801790

#1	5.155955	4.919284	25.02202	5.047951	5.222538	416.8324
#2	5.182779	4.931417	25.20969	5.031397	5.211494	408.7949
#3	5.128786	4.894488	25.05038	4.994206	5.158348	412.0356

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.49801	.5428865	2.565150	411.6493	15.73659	2.559807
Stddev	.06345	.0011121	.015972	.8074	.06011	.008957
%RSD	.6044116	.2048444	.6226485	.1961257	.3819627	.3499143

#1	10.55606	.5437514	2.553031	411.5700	15.70038	2.552798
#2	10.50770	.5416320	2.583249	412.4934	15.70341	2.569898
#3	10.43027	.5432759	2.559168	410.8846	15.80597	2.556725

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.02854	424.2811	16.05119	430.0097	2.534617	1.302317
Stddev	.00476	.8768	.04079	.8646	.012236	.001634
%RSD	.0296800	.2066656	.2541205	.2010586	.4827490	.1254978

#1	16.02306	425.2362	16.08070	431.0039	2.525866	1.301008
#2	16.03100	423.5125	16.00464	429.4343	2.548599	1.304149
#3	16.03157	424.0946	16.06822	429.5908	2.529387	1.301794

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	414.6980	2.640525	15.92700	163.5473	F -1.04600	4.635707
Stddev	.5880	.000796	.05723	.2072	.03337	.014744
%RSD	.1418007	.0301441	.3593331	.1266886	3.190580	.3180603

#1	415.2535	2.641436	15.93140	163.7865	-1.07682	4.648348
#2	414.0821	2.640176	15.98190	163.4330	-1.05064	4.619510
#3	414.7585	2.639964	15.86769	163.4224	-1.01056	4.639265

Sample Name: CCV006 Acquired: 10/3/2017 17:57:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV006 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.056015	5.138252	5.316941	5.127547	5.267826	4.302839
Stddev	.026985	.033057	.011024	.023610	.010477	.006845
%RSD	.5337192	.6433496	.2073453	.4604519	.1988949	.1590702

#1	5.069716	5.148026	5.315457	5.113064	5.277667	4.306024
#2	5.073401	5.165320	5.306734	5.154791	5.269000	4.307510
#3	5.024928	5.101410	5.328633	5.114786	5.256811	4.294982

Elem	Sr4077
Units	ppm
Avg	4.224122
Stddev	.025024
%RSD	.5924187

#1	4.197703
#2	4.227196
#3	4.247468

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	987.2215	1014.867	44530.43	10450.90	1903.831
Stddev	4.4742	7.016	65.10	7.16	6.326
%RSD	.4532077	.6913142	.1461924	.0685342	.3322739

#1	986.6857	1007.811	44596.42	10444.18	1899.497
#2	983.0394	1014.949	44528.62	10450.10	1900.905
#3	991.9395	1021.842	44466.26	10458.43	1911.090

Sample Name: CCB006 Acquired: 10/3/2017 18:01:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000037	.0012480	-.001129	.0030036	-.000433	.0028070	-.004401
Stddev	.002508	.0011164	.002401	.0013628	.000744	.0011927	.000159
%RSD	6770.002	89.45714	212.7371	45.37334	171.9820	42.48832	3.613032

#1	-.002924	.0024300	-.002452	.0020350	-.000286	.0016531	-.004310
#2	.001213	.0011024	-.002577	.0045620	.000227	.0040350	-.004585
#3	.001601	.0002115	.001643	.0024138	-.001239	.0027330	-.004310

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000066	-.000023	.0081531	-.000013	.0001534	.0012147	.0070073
Stddev	.000035	.000038	.0034821	.000306	.0001473	.0009720	.0052707
%RSD	52.52928	169.5978	42.70851	2361.262	95.97896	80.01388	75.21678

#1	-.000027	-.000062	.0112286	-.000267	.0002680	.0013171	.0130357
#2	-.000078	.000015	.0043724	-.000098	-.000013	.0021314	.0047166
#3	-.000093	-.000020	.0088584	.000326	.000205	.0001956	.0032695

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000050	.0011555	.0002380	.0005250	-.031321	-.000364	-.003463
Stddev	.0001745	.0195028	.0002813	.0003044	.058541	.000737	.003697
%RSD	3481.500	1687.855	118.2103	57.98363	186.9078	202.4622	106.7542

#1	.0001327	.0023764	.0002012	.0001856	-.014189	-.000448	-.003133
#2	-.000194	.0200192	.0005358	.0006155	-.096517	.000411	-.007314
#3	.000076	-.018929	-.000023	.0007740	.016743	-.001056	.000058

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.014902	-.006035	.0020677	-.000038	-.004831	-.001094	.0000492
Stddev	.002508	.005177	.0006551	.000159	.002398	.001221	.0004381
%RSD	16.82915	85.78360	31.68016	419.4914	49.63406	111.6313	890.8498

#1	-.016230	-.003980	.0013229	.000108	-.007069	-.001489	.0001622
#2	-.012009	-.002201	.0023260	-.000014	-.005125	-.002068	-.000434
#3	-.016467	-.011924	.0025543	-.000207	-.002300	.000276	.000420

Sample Name: CCB006 Acquired: 10/3/2017 18:01:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB006 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009891	-.000764	-.000803
Stddev	.0002338	.000128	.000017
%RSD	23.64228	16.75056	2.091425

#1	.0012590	-.000904	-.000791
#2	.0008624	-.000653	-.000822
#3	.0008460	-.000734	-.000797

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1265.023	1316.256	56009.07	11788.20	3011.028
Stddev	8.777	5.975	85.09	36.58	9.999
%RSD	.6938496	.4539166	.1519194	.3103131	.3320893

#1	1255.773	1314.937	55926.30	11782.23	3008.134
#2	1266.062	1322.780	56004.60	11754.97	3022.155
#3	1273.235	1311.051	56096.31	11827.40	3002.795

Sample Name: PB102862BL Acquired: 10/3/2017 18:05:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021130	-.001613	-.001091	-.002000	-.000267	-.005025
Stddev	.0050058	.001756	.002425	.001150	.000874	.001795
%RSD	236.9062	108.8450	222.2058	57.51618	327.4768	35.73015

#1	.0052358	-.002127	-.003760	-.001365	-.001238	-.006266
#2	-.003661	.000342	.000978	-.003328	-.000017	-.002966
#3	.004764	-.003054	-.000493	-.001307	.000455	-.005841

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004713	-.000038	-.000012	-.002920	-.000512	-.000138
Stddev	.000541	.000017	.000192	.002857	.000271	.000310
%RSD	11.48857	45.66835	1581.799	97.82102	53.02137	223.7936

#1	-.004429	-.000057	.000153	-.001132	-.000646	.000156
#2	-.004372	-.000023	.000034	-.001414	-.000199	-.000461
#3	-.005337	-.000033	-.000223	-.006215	-.000690	-.000110

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000156	-.009239	-.000117	-.017861	.0002054	.0003969
Stddev	.000855	.001385	.000264	.011070	.0000863	.0002960
%RSD	547.9548	14.99122	225.7979	61.97896	42.03643	74.57102

#1	.000186	-.007832	-.000227	-.030385	.0002900	.0006043
#2	-.001130	-.010601	-.000308	-.009382	.0002089	.0000580
#3	.000475	-.009284	.000184	-.013817	.0001174	.0005284

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002707	-.000728	.0004297	-.006495	F -.018162	-.004439
Stddev	.1000269	.001442	.0022469	.010103	.016034	.000685
%RSD	36949.12	198.0376	522.9385	155.5532	88.28191	15.43259

#1	-.059137	-.002393	.0030238	-.009523	-.036676	-.003651
#2	-.055806	.000059	-.000831	.004776	-.008933	-.004892
#3	.115756	.000149	-.000904	-.014738	-.008877	-.004774

Sample Name: PB102862BL Acquired: 10/3/2017 18:05:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000280	-.009561	-.001751	.0008107	.0009054	-.001332
Stddev	.000210	.002449	.000634	.0010185	.0002869	.000242
%RSD	75.03598	25.61615	36.20246	125.6249	31.68720	18.16541

#1	-.000509	-.007928	-.002255	.0007470	.0006134	-.001243
#2	-.000234	-.008377	-.001039	-.000174	.0009158	-.001606
#3	-.000096	-.012377	-.001959	.001860	.0011869	-.001147

Elem	Sr4077
Units	ppm
Avg	-.000950
Stddev	.000021
%RSD	2.180382

#1	-.000928
#2	-.000952
#3	-.000969

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1261.586	1302.251	55988.12	11795.23	2978.809
Stddev	3.105	13.168	46.75	14.25	28.110
%RSD	.2461405	1.011174	.0835015	.1208406	.9436781

#1	1263.320	1317.112	56001.42	11802.23	3010.916
#2	1258.001	1297.605	56026.77	11778.82	2966.885
#3	1263.437	1292.036	55936.15	11804.63	2958.626

Sample Name: PB102862BS Acquired: 10/3/2017 18:09:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0190165	.0607019	.0228295	.0737515	.1207565	F .6321189
Stddev	.0034589	.0009936	.0013229	.0012235	.0016157	.0037702
%RSD	18.18906	1.636801	5.794483	1.658932	1.338007	.5964356

#1	.0163779	.0617153	.0238621	.0749727	.1215149	.6364308
#2	.0229325	.0597294	.0232880	.0725258	.1189010	.6294432
#3	.0177393	.0606609	.0213384	.0737559	.1218534	.6304828

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4070539	.0121192	.0113426	9.769313	.0241591	.1001591
Stddev	.0011551	.0002695	.0000560	.054942	.0001513	.0002531
%RSD	.2837699	2.223887	.4939697	.5623921	.6262690	.2526900

#1	.4078912	.0121430	.0113750	9.721448	.0243061	.1004513
#2	.4057361	.0118385	.0112779	9.757187	.0240038	.1000202
#3	.4075343	.0123760	.0113748	9.829306	.0241673	.1000059

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0524630	F .4583150	.0351527	10.59465	.0843438	.0207716
Stddev	.0010764	.0030758	.0005883	.02955	.0003100	.0003393
%RSD	2.051640	.6711018	1.673461	.2789243	.3675833	1.633350

#1	.0513274	.4558784	.0354893	10.56531	.0844089	.0205418
#2	.0534683	.4617710	.0354954	10.59424	.0840063	.0211613
#3	.0525932	.4572955	.0344735	10.62441	.0846161	.0206119

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.835029	.1127702	.1274777	9.949026	F .1403098	F .0186829
Stddev	.090572	.0015262	.0007141	.059371	.0038179	.0001997
%RSD	.9209078	1.353401	.5601663	.5967478	2.721069	1.068727

#1	9.877317	.1111651	.1277582	10.01218	.1367471	.0185498
#2	9.731048	.1142029	.1266659	9.89435	.1443399	.0185864
#3	9.896723	.1129426	.1280088	9.94056	.1398424	.0189125

Sample Name: PB102862BS Acquired: 10/3/2017 18:09:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0229378	.1904778	.2164274	.0049975	.2108928	.0791264
Stddev	.0002851	.0014926	.0004961	.0013594	.0010867	.0010599
%RSD	1.242784	.7835986	.2292420	27.20165	.5152641	1.339447

#1	.0229338	.1900147	.2158936	.0034704	.2116471	.0798379
#2	.0226547	.1892716	.2165141	.0054467	.2113842	.0779083
#3	.0232248	.1921470	.2168745	.0060755	.2096473	.0796329

Elem	Sr4077
Units	ppm
Avg	.1830601
Stddev	.0008192
%RSD	.4475313

#1	.1837371
#2	.1821494
#3	.1832939

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1241.082	1302.564	54505.08	11798.83	2872.355
Stddev	7.150	4.351	52.58	52.90	5.507
%RSD	.5761453	.3340404	.0964692	.4483522	.1917257

#1	1237.855	1300.546	54527.04	11742.36	2876.302
#2	1249.277	1307.558	54543.12	11847.23	2874.699
#3	1236.114	1299.588	54445.08	11806.92	2866.064

Sample Name: I5411-21 Acquired: 10/3/2017 18:13:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BF5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012293	.0000741	.0006214	.0003877	-.000318	-.004494	-.003332
Stddev	.0017299	.0008917	.0010429	.0018984	.000999	.003058	.000050
%RSD	140.7314	1203.841	167.8291	489.6979	314.5285	68.04601	1.511489

#1	.0027834	.0011000	.0009536	-.001709	.000829	-.007692	-.003288
#2	-.000635	-.000515	.0014578	.000881	-.000997	-.004194	-.003387
#3	.001539	-.000363	-.000547	.001991	-.000785	-.001597	-.003320

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000115	-.000158	.0120862	-.000554	-.000044	-.000585	-.007452
Stddev	.000046	.000173	.0067274	.000064	.000222	.000598	.004801
%RSD	39.73324	110.1289	55.66195	11.47459	510.8389	102.2060	64.42269

#1	-.000160	-.000178	.0048670	-.000621	.000088	-.000712	-.002760
#2	-.000068	.000025	.0132118	-.000494	.000082	.000066	-.007243
#3	-.000118	-.000320	.0181799	-.000547	-.000300	-.001109	-.012355

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000311	.0012778	-.000215	.0004026	-.088179	-.000200	.0034970
Stddev	.000668	.0256415	.000478	.0001540	.076384	.000699	.0044537
%RSD	214.7224	2006.653	222.7591	38.24766	86.62438	349.1975	127.3558

#1	.000446	-.002969	-.000747	.0005531	-.055020	.000606	.0021029
#2	-.000559	.028778	-.000074	.0004095	-.175539	-.000564	-.000093
#3	-.000820	-.021975	.000177	.0002453	-.033977	-.000643	.008481

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.280144	-.012916	-.007950	-.000397	-.017275	.0117156	-.014072
Stddev	.017834	.013682	.000521	.000243	.001032	.0009542	.000057
%RSD	6.366123	105.9336	6.554617	61.24890	5.975987	8.144435	.4066300

#1	-.266937	-.012297	-.008298	-.000659	-.017401	.0106182	-.014099
#2	-.300431	.000446	-.007351	-.000355	-.018238	.0121794	-.014006
#3	-.273065	-.026897	-.008201	-.000178	-.016185	.0123491	-.014110

Sample Name: I5411-21 Acquired: 10/3/2017 18:13:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BF5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005589	-.001995	-.000923
Stddev	.0007871	.000073	.000013
%RSD	140.8207	3.649977	1.410882

#1	.0009021	-.001911	-.000917
#2	-.000341	-.002045	-.000938
#3	.001116	-.002028	-.000915

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1283.167	1313.383	56239.88	11901.96	3020.307
Stddev	3.797	13.261	30.09	51.65	18.231
%RSD	.2958884	1.009685	.0535048	.4339395	.6036013

#1	1279.263	1324.095	56215.64	11915.05	3032.015
#2	1283.392	1317.504	56230.44	11945.80	3029.604
#3	1286.847	1298.551	56273.56	11845.03	2999.302

Sample Name: I5582-05 Acquired: 10/3/2017 18:18:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAH77 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1301622	-.055753	1.238738	-.011443	.0098215	71.21660
Stddev	.0007447	.002799	.009382	.003420	.0015850	.04631
%RSD	.5721476	5.019693	.7573693	29.88764	16.13831	.0650312

#1	.1300740	-.052526	1.227931	-.008733	.0085966	71.16801
#2	.1294655	-.057517	1.243489	-.015286	.0116117	71.22154
#3	.1309471	-.057215	1.244794	-.010310	.0092562	71.26024

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.728867	.0150908	.0160347	52.70588	.4035698	.3978674
Stddev	.004301	.0001653	.0000581	.12901	.0013907	.0020148
%RSD	.1576204	1.095007	.3622517	.2447742	.3446107	.5063955

#1	2.729125	.0152722	.0160784	52.55951	.4044084	.3974121
#2	2.724442	.0150511	.0160569	52.80305	.4043366	.3961192
#3	2.733033	.0149490	.0159687	52.75508	.4019644	.4000708

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2063750	366.1536	F 48.20732	14.10012	.0915475	-.023294
Stddev	.0024604	.9001	.14629	.01709	.0006453	.000495
%RSD	1.192221	.2458207	.3034650	.1211709	.7048832	2.127144

#1	.2062121	365.3036	48.08610	14.08042	.0922692	-.023743
#2	.2089128	367.0966	48.36982	14.11092	.0910263	-.023378
#3	.2040000	366.0607	48.16605	14.10902	.0913469	-.022762

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.295557	.5258218	.7676649	4.161601	16.76239	-.665734
Stddev	.073108	.0028741	.0065364	.024919	.07940	.003050
%RSD	5.642988	.5465912	.8514652	.5987777	.4737041	.4581849

#1	1.338945	.5283986	.7650441	4.172402	16.67202	-.662269
#2	1.211150	.5227222	.7751050	4.179297	16.79411	-.668014
#3	1.336575	.5263446	.7628457	4.133104	16.82102	-.666919

Sample Name: I5582-05 Acquired: 10/3/2017 18:18:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAH77 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0126889	.4746584	9.411636	.0242989	.7832318	.0400297
Stddev	.0003453	.0132212	.051542	.0003973	.0026708	.0002836
%RSD	2.721477	2.785404	.5476457	1.635062	.3409969	.7086064

#1	.0123343	.4640271	9.402010	.0240254	.7835636	.0397778
#2	.0130242	.4704857	9.467313	.0241168	.7857212	.0399741
#3	.0127083	.4894625	9.365585	.0247547	.7804106	.0403370

Elem	Sr4077
Units	ppm
Avg	.1443775
Stddev	.0003403
%RSD	.2356876

#1	.1440217
#2	.1444112
#3	.1446997

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1254.021	1300.473	56973.32	12617.93	2514.162
Stddev	9.428	3.690	57.90	37.79	4.809
%RSD	.7518338	.2837096	.1016296	.2995309	.1912720

#1	1264.632	1297.289	56993.76	12633.71	2512.490
#2	1246.608	1299.613	57018.23	12574.80	2519.584
#3	1250.823	1304.516	56907.97	12645.28	2510.413

Sample Name: I5582-06 Acquired: 10/3/2017 18:22:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAH78 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1305471	-.045781	.9280618	-.012761	.0069305	89.18106
Stddev	.0051737	.005473	.0011281	.001761	.0007442	.16781
%RSD	3.963095	11.95522	.1215488	13.80188	10.73748	.1881684

#1	.1357750	-.046181	.9288651	-.010914	.0063321	89.35119
#2	.1304372	-.051043	.9267721	-.014422	.0077638	89.01567
#3	.1254293	-.040119	.9285481	-.012947	.0066957	89.17633

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.625316	.0144485	.0154838	78.45666	.3106307	.3907746
Stddev	.009205	.0001732	.0002733	.28801	.0019938	.0014348
%RSD	.3506158	1.198843	1.765179	.3670929	.6418497	.3671730

#1	2.635686	.0145347	.0151703	78.59220	.3101977	.3892461
#2	2.618110	.0142491	.0156723	78.12588	.3128054	.3920925
#3	2.622153	.0145617	.0156087	78.65189	.3088889	.3909853

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2251148	316.1275	F 45.96176	18.16788	.1132995	-.018051
Stddev	.0025294	.2570	.08193	.06808	.0008530	.000709
%RSD	1.123601	.0812851	.1782543	.3747053	.7528551	3.925437

#1	.2279831	316.3143	45.95152	18.24465	.1142739	-.017967
#2	.2241575	315.8345	45.88543	18.14412	.1126878	-.018798
#3	.2232038	316.2338	46.04832	18.11487	.1129367	-.017388

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.388211	.4651979	.7313693	5.395793	12.31654	-.576843
Stddev	.097895	.0006170	.0102768	.022187	.06546	.004777
%RSD	7.051874	.1326383	1.405140	.4111942	.5315000	.8280997

#1	1.465566	.4649173	.7239302	5.375557	12.28625	-.576025
#2	1.420917	.4647710	.7430956	5.392304	12.39166	-.572528
#3	1.278150	.4659054	.7270822	5.419518	12.27171	-.581976

Sample Name: I5582-06 Acquired: 10/3/2017 18:22:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAH78 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117193	1.245158	12.17820	.0177626	.8133994	.0522408
Stddev	.0005662	.003435	.01442	.0006927	.0015891	.0001838
%RSD	4.831533	.2758306	.1183789	3.899739	.1953708	.3519083

#1	.0116030	1.246571	12.17076	.0173400	.8146310	.0524526
#2	.0123347	1.247660	12.16903	.0173857	.8116056	.0521234
#3	.0112202	1.241242	12.19482	.0185620	.8139617	.0521462

Elem	Sr4077
Units	ppm
Avg	.1962228
Stddev	.0008312
%RSD	.4236128

#1	.1971381
#2	.1955148
#3	.1960155

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1252.959	1317.884	56865.76	12670.86	2479.300
Stddev	7.542	4.007	146.62	26.84	5.951
%RSD	.6019488	.3040833	.2578438	.2118292	.2400352

#1	1261.151	1314.778	57033.28	12668.16	2474.057
#2	1246.302	1316.467	56760.72	12698.95	2478.075
#3	1251.424	1322.407	56803.29	12645.48	2485.769

Sample Name: I5582-07 Acquired: 10/3/2017 18:26:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAH79 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0730918	-.049133	.2892347	-.008419	.0072450	95.12457	.8332008
Stddev	.0038493	.001909	.0021100	.005805	.0022077	.13499	.0020849
%RSD	5.266386	3.886212	.7295002	68.94993	30.47240	.1419047	.2502277

#1	.0759534	-.051321	.2916446	-.012920	.0088167	95.02502	.8330262
#2	.0687156	-.047805	.2883397	-.010471	.0081974	95.07048	.8312088
#3	.0746065	-.048272	.2877197	-.001867	.0047210	95.27821	.8353676

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097646	.0133835	19.39074	.3492357	.1674112	.1317968	405.4057
Stddev	.0001575	.0004030	.05129	.0009633	.0014766	.0009875	.8928
%RSD	1.612620	3.011179	.2645191	.2758401	.8819920	.7492650	.2202258

#1	.0095979	.0130683	19.43339	.3497762	.1676593	.1325905	406.3547
#2	.0099108	.0132446	19.40501	.3481235	.1658263	.1306909	404.5824
#3	.0097852	.0138376	19.33382	.3498075	.1687480	.1321090	405.2801

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.29775	4.201089	.0635656	-.026602	1.268688	.5679707	.1827692
Stddev	.02400	.030858	.0008222	.000767	.067891	.0007050	.0043302
%RSD	.1804992	.7345155	1.293542	2.883189	5.351310	.1241196	2.369200

#1	13.32040	4.205891	.0629775	-.027108	1.285907	.5680363	.1790959
#2	13.30027	4.168111	.0632142	-.025719	1.326313	.5672352	.1816681
#3	13.27259	4.229264	.0645052	-.026978	1.193846	.5686405	.1875437

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.822132	7.503907	-.745734	.0065991	-.001673	6.255032	.0001436
Stddev	.034921	.116626	.001167	.0003999	.003226	.013438	.0018040
%RSD	1.237386	1.554204	.1564813	6.060083	192.8576	.2148426	1256.537

#1	2.785458	7.572644	-.745847	.0067192	-.005266	6.264993	.0006141
#2	2.854986	7.369249	-.746841	.0061529	.000973	6.260354	.0016657
#3	2.825950	7.569828	-.744515	.0069251	-.000725	6.239747	-.001849

Sample Name: I5582-07 Acquired: 10/3/2017 18:26:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAH79 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6352560	.0198896	.0625232
Stddev	.0018484	.0003445	.0001116
%RSD	.2909626	1.732018	.1785204

#1	.6373485	.0199491	.0626364
#2	.6345734	.0195192	.0624132
#3	.6338460	.0202004	.0625199

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1198.540	1257.619	53976.55	11881.36	2577.128
Stddev	7.432	7.012	220.74	45.28	15.136
%RSD	.6201032	.5575531	.4089545	.3810632	.5873314

#1	1190.662	1255.364	53732.20	11841.04	2573.131
#2	1205.427	1265.480	54035.88	11872.70	2593.862
#3	1199.531	1252.011	54161.55	11930.34	2564.391

Sample Name: I5582-08 Acquired: 10/3/2017 18:30:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAH80 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1647845	-.064796	3.338846	-.008784	-.001743	84.52763	2.456677
Stddev	.0067447	.000821	.004413	.008040	.003495	.19867	.008127
%RSD	4.093076	1.267570	.1321857	91.53148	200.4784	.2350298	.3308259

#1	.1722234	-.065612	3.334077	-.000174	-.003148	84.40706	2.448580
#2	.1630622	-.064807	3.339675	-.016095	.002235	84.41891	2.464834
#3	.1590678	-.063970	3.342787	-.010082	-.004317	84.75693	2.456617

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0168032	.0284694	128.5170	.3626273	.1523356	.8043643	401.7077
Stddev	.0001962	.0000751	.4681	.0020012	.0010525	.0012819	2.4562
%RSD	1.167894	.2637971	.3642598	.5518577	.6909179	.1593687	.6114375

#1	.0169333	.0284286	128.3167	.3648548	.1512122	.8051969	401.2603
#2	.0168989	.0285560	128.1824	.3620459	.1532988	.8028881	399.5059
#3	.0165775	.0284234	129.0520	.3609811	.1524959	.8050079	404.3568

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.81033	36.90459	.3019698	.0071327	1.943082	.4060946	4.636650
Stddev	.11590	.20885	.0007659	.0004136	.093257	.0021447	.056012
%RSD	.6161377	.5659147	.2536382	5.799034	4.799435	.5281177	1.208023

#1	18.75386	36.89423	.3017593	.0069014	1.876313	.4059185	4.614584
#2	18.73348	36.70111	.3013311	.0068864	2.049633	.4040434	4.595032
#3	18.94364	37.11842	.3028189	.0076102	1.903299	.4083219	4.700334

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.693843	31.82588	-.724369	.0067712	4.292711	17.55986	2.211465
Stddev	.042244	.25008	.003982	.0001734	.024763	.04869	.010568
%RSD	.4859037	.7857875	.5496975	2.560596	.5768518	.2772634	.4778919

#1	8.659893	31.56899	-.719794	.0066033	4.266322	17.50775	2.201351
#2	8.741150	31.84010	-.726256	.0067607	4.296371	17.56763	2.210610
#3	8.680485	32.06855	-.727056	.0069496	4.315439	17.60419	2.222436

Sample Name: I5582-08 Acquired: 10/3/2017 18:30:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAH80 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.396392	.0863926	.3498186
Stddev	.006426	.0007677	.0003946
%RSD	.4601882	.8886310	.1128061

#1	1.391513	.0855070	.3495299
#2	1.393990	.0868015	.3496576
#3	1.403673	.0868693	.3502683

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1206.213	1243.179	55166.27	12179.46	2292.405
Stddev	6.669	2.275	224.25	22.03	9.000
%RSD	.5528465	.1830053	.4064916	.1808872	.3926074

#1	1206.664	1244.690	54961.57	12199.01	2297.850
#2	1212.644	1244.284	55405.95	12183.79	2297.349
#3	1199.330	1240.562	55131.27	12155.59	2282.017

Sample Name: I5582-09 Acquired: 10/3/2017 18:34:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAH81 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1629996	-.051056	3.565089	-.007314	.0153019	82.67880	3.078194
Stddev	.0081669	.004833	.009026	.005521	.0024439	2.28087	.079272
%RSD	5.010360	9.465988	.2531661	75.48251	15.97091	2.758712	2.575291

#1	.1538853	-.054922	3.555496	-.001118	.0170992	84.25379	3.134506
#2	.1696532	-.045637	3.566358	-.009113	.0125192	83.71941	3.112535
#3	.1654603	-.052608	3.573412	-.011710	.0162873	80.06321	2.987541

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0134174	.0338946	110.1165	.2818798	.1397329	.7013341	317.6790
Stddev	.0002960	.0004367	3.2817	.0018356	.0002278	.0170520	9.4091
%RSD	2.205806	1.288452	2.980222	.6511803	.1630022	2.431371	2.961831

#1	.0135747	.0336802	111.7563	.2805987	.1395042	.7143123	323.1156
#2	.0136015	.0336066	112.2551	.2810581	.1399597	.7076687	323.1072
#3	.0130760	.0343971	106.3381	.2839827	.1397348	.6820213	306.8143

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.99531	32.75125	.1469009	-.018566	1.612526	.3936012	16.75545
Stddev	.62614	.92020	.0010349	.000551	.110505	.0084981	.19684
%RSD	2.982267	2.809658	.7044796	2.969324	6.852926	2.159055	1.174765

#1	21.36758	33.33504	.1458255	-.018712	1.730467	.3978318	16.95896
#2	21.34594	33.22821	.1469873	-.017956	1.511379	.3991535	16.74136
#3	20.27242	31.69049	.1478898	-.019029	1.595733	.3838182	16.56604

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.672938	33.19628	-.588868	.0071554	4.626551	11.46662	.0913405
Stddev	.162181	.19599	.013432	.0005184	.015476	.27259	.0008919
%RSD	2.858860	.5904120	2.281008	7.245066	.3344988	2.377287	.9764410

#1	5.781135	33.24806	-.597824	.0077537	4.609102	11.63677	.0923501
#2	5.751213	33.36118	-.595356	.0068738	4.638615	11.61088	.0906595
#3	5.486465	32.97959	-.573423	.0068388	4.631936	11.15221	.0910120

Sample Name: I5582-09 Acquired: 10/3/2017 18:34:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAH81 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.365880	.0681563	.2201761
Stddev	.038066	.0017780	.0061972
%RSD	2.786917	2.608771	2.814666

#1	1.391990	.0693090	.2244125
#2	1.383447	.0690513	.2230523
#3	1.322203	.0661086	.2130634

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1223.463	1284.440	55800.00	12520.61	2420.080
Stddev	16.135	5.856	243.44	351.98	11.539
%RSD	1.318818	.4559408	.4362805	2.811188	.4767856

#1	1204.834	1277.882	55520.12	12287.59	2406.874
#2	1233.044	1286.290	55917.17	12348.74	2425.155
#3	1232.511	1289.147	55962.70	12925.51	2428.212

Sample Name: I5582-10 Acquired: 10/3/2017 18:38:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAH82 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1282646	-.044047	.7461445	-.011920	.0065836	84.59657
Stddev	.0055998	.003927	.0026917	.005012	.0022472	.28562
%RSD	4.365829	8.915410	.3607432	42.04576	34.13352	.3376205

#1	.1336587	-.039586	.7484036	-.017418	.0059128	84.28934
#2	.1224796	-.046984	.7468637	-.010739	.0047482	84.64633
#3	.1286554	-.045570	.7431663	-.007605	.0090898	84.85404

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.085705	.0129099	.0134912	25.10755	.3637569	.2635275
Stddev	.004335	.0000567	.0002834	.11380	.0005760	.0004284
%RSD	.1404778	.4389891	2.100671	.4532388	.1583515	.1625560

#1	3.081962	.0128891	.0138171	25.05038	.3639485	.2630385
#2	3.084699	.0129740	.0133533	25.23860	.3642127	.2638368
#3	3.090454	.0128665	.0133031	25.03368	.3631095	.2637071

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1720075	301.2849	F 55.56336	4.363455	.0796403	-.017157
Stddev	.0009767	1.4288	.34514	.022791	.0006951	.000479
%RSD	.5678315	.4742252	.6211600	.5223179	.8727788	2.790635

#1	.1709305	299.6395	55.17583	4.348547	.0801961	-.017517
#2	.1722562	302.0042	55.83765	4.352127	.0798638	-.016613
#3	.1728358	302.2112	55.67660	4.389691	.0788609	-.017339

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.052376	.4780895	.8034597	3.608477	13.50603	-.557974
Stddev	.067554	.0020650	.0035039	.035042	.05532	.005710
%RSD	6.419178	.4319347	.4361062	.9710990	.4096091	1.023404

#1	1.106750	.4761862	.8059283	3.584062	13.56990	-.553180
#2	.976752	.4802851	.8050014	3.592741	13.47339	-.564292
#3	1.073626	.4777971	.7994492	3.648628	13.47480	-.556450

Sample Name: I5582-10 Acquired: 10/3/2017 18:38:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAH82 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092721	-.071482	10.94815	.0201682	.7819733	.0378688
Stddev	.0002470	.012902	.05234	.0019410	.0041256	.0003811
%RSD	2.664226	18.04959	.4780806	9.623941	.5275900	1.006319

#1	.0095418	-.068769	10.88900	.0223260	.7775490	.0377446
#2	.0090569	-.060152	10.96698	.0185645	.7826560	.0375653
#3	.0092174	-.085525	10.98847	.0196143	.7857150	.0382965

Elem	Sr4077
Units	ppm
Avg	.0918964
Stddev	.0002765
%RSD	.3009319

#1	.0915776
#2	.0920394
#3	.0920721

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1273.547	1339.222	56653.65	12354.87	2579.269
Stddev	5.810	5.120	133.27	49.12	4.941
%RSD	.4562143	.3822980	.2352417	.3975503	.1915560

#1	1270.696	1333.401	56499.77	12400.51	2574.008
#2	1269.713	1341.236	56728.66	12302.89	2579.989
#3	1280.232	1343.029	56732.51	12361.20	2583.811

Sample Name: I5582-11 Acquired: 10/3/2017 18:42:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAH83 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0551586	-.025439	.1449615	.0003688	.0064512	111.1245	.5752523
Stddev	.0074892	.003277	.0027227	.0016406	.0009753	.2591	.0026015
%RSD	13.57759	12.88286	1.878250	444.8130	15.11768	.2331616	.4522287

#1	.0511061	-.026668	.1470890	.0000349	.0058559	110.8491	.5725113
#2	.0638008	-.027924	.1459024	-.001079	.0059211	111.1612	.5776872
#3	.0505688	-.021725	.1418931	.002151	.0075768	111.3634	.5755582

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087759	.0070916	21.24919	.2139356	.0494062	.1152314	238.3758
Stddev	.0001520	.0003261	.11390	.0018253	.0009264	.0001734	.8208
%RSD	1.732493	4.598394	.5360027	.8532088	1.875008	.1505101	.3443373

#1	.0086004	.0073298	21.13625	.2124723	.0504759	.1154294	237.7964
#2	.0088665	.0067200	21.24731	.2159810	.0488762	.1151064	238.0158
#3	.0088608	.0072251	21.36402	.2133536	.0488665	.1151584	239.3151

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.698231	4.616447	.0550847	-.016104	.6998316	.3698763	.1812723
Stddev	.015542	.022709	.0008922	.000489	.0289757	.0046092	.0029119
%RSD	.4202589	.4919093	1.619658	3.034811	4.140376	1.246145	1.606347

#1	3.691784	4.641885	.0554606	-.015648	.6956581	.3657495	.1805971
#2	3.686950	4.609235	.0557275	-.016620	.6731691	.3690291	.1844624
#3	3.715960	4.598219	.0540661	-.016045	.7306678	.3748503	.1787573

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.519362	5.040594	-.442445	.0037013	.2479924	13.36583	-.000400
Stddev	.018120	.071036	.002242	.0003742	.0051122	.04713	.000421
%RSD	.5148749	1.409275	.5066180	10.11017	2.061455	.3526360	105.3801

#1	3.510006	5.122527	-.444934	.0041290	.2534735	13.31674	-.000353
#2	3.507833	4.996272	-.440584	.0034340	.2471501	13.37003	-.000842
#3	3.540248	5.002981	-.441817	.0035410	.2433536	13.41072	-.000004

Sample Name: I5582-11 Acquired: 10/3/2017 18:42:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAH83 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7845813	.0289158	.0485987
Stddev	.0035419	.0001511	.0002149
%RSD	.4514418	.5227108	.4421097

#1	.7819254	.0289699	.0484119
#2	.7832158	.0287450	.0485506
#3	.7886028	.0290324	.0488335

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1272.080	1326.376	55979.60	12145.71	2663.412
Stddev	3.483	11.380	206.61	40.71	25.722
%RSD	.2737967	.8579904	.3690772	.3351619	.9657541

#1	1268.996	1315.267	55817.61	12155.66	2637.079
#2	1275.858	1325.853	55908.91	12180.51	2664.683
#3	1271.387	1338.009	56212.27	12100.94	2688.476

Sample Name: I5582-12 Acquired: 10/3/2017 18:46:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAH84 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1517892	-.037006	2.174304	-.007576	.0050242	73.75765	2.108519
Stddev	.0037310	.003064	.007407	.002718	.0018147	.35889	.007293
%RSD	2.458041	8.278537	.3406653	35.88295	36.11940	.4865794	.3458801

#1	.1560921	-.033701	2.170803	-.009602	.0059526	73.75194	2.101964
#2	.1498237	-.039750	2.182813	-.008639	.0061868	73.40164	2.107218
#3	.1494519	-.037569	2.169297	-.004487	.0029331	74.11935	2.116375

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0138135	.0194008	70.92952	.2952824	.1331631	.3870501	258.6069
Stddev	.0001525	.0001814	.20886	.0006963	.0006391	.0026019	1.2670
%RSD	1.104324	.9351523	.2944582	.2358129	.4799503	.6722364	.4899342

#1	.0138366	.0193164	70.96718	.2957749	.1327308	.3877723	259.3502
#2	.0139531	.0192769	71.11699	.2955865	.1338972	.3841635	257.1439
#3	.0136507	.0196090	70.70440	.2944857	.1328613	.3892147	259.3264

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.98652	12.79077	.1182668	-.015441	1.091901	.3470662	4.608879
Stddev	.08474	.11709	.0003729	.000345	.041034	.0007554	.012227
%RSD	.4463141	.9153906	.3152768	2.232715	3.758030	.2176398	.2652813

#1	19.03023	12.79980	.1183214	-.015654	1.137096	.3463086	4.611079
#2	18.88885	12.66943	.1186093	-.015626	1.081626	.3470707	4.619857
#3	19.04048	12.90307	.1178696	-.015043	1.056980	.3478193	4.595702

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.505806	25.68597	-.458075	.0068760	2.653741	10.08830	.2220460
Stddev	.031133	.11204	.001962	.0000896	.005891	.02323	.0015331
%RSD	.5654645	.4362094	.4284075	1.303023	.2219891	.2302613	.6904489

#1	5.489771	25.81247	-.457053	.0069199	2.658426	10.10382	.2216111
#2	5.485958	25.59920	-.456833	.0069353	2.647127	10.06160	.2237496
#3	5.541688	25.64625	-.460337	.0067730	2.655669	10.09949	.2207773

Sample Name: I5582-12 Acquired: 10/3/2017 18:46:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAH84 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.316287	.0806700	.2192033
Stddev	.008112	.0004709	.0008583
%RSD	.6162838	.5837815	.3915554

#1	1.316976	.0803500	.2185745
#2	1.307852	.0804491	.2188542
#3	1.324033	.0812107	.2201811

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1257.352	1303.048	56948.60	12615.70	2485.994
Stddev	3.347	1.723	122.64	27.36	6.758
%RSD	.2662338	.1322452	.2153536	.2168962	.2718567

#1	1261.175	1301.432	57089.60	12623.88	2484.181
#2	1254.947	1302.852	56889.44	12638.05	2480.327
#3	1255.935	1304.862	56866.75	12585.18	2493.474

Sample Name: I5582-13 Acquired: 10/3/2017 18:50:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAHA5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0585142	-.037494	.1453249	-.004585	.0072143	82.23628	.1911545
Stddev	.0050801	.003884	.0015106	.001681	.0013759	.06634	.0001730
%RSD	8.681835	10.35891	1.039452	36.66605	19.07204	.0806640	.0904969

#1	.0630443	-.041464	.1438958	-.006278	.0056536	82.30456	.1912630
#2	.0594766	-.037316	.1469055	-.002916	.0077374	82.17208	.1909550
#3	.0530217	-.033703	.1451733	-.004560	.0082519	82.23219	.1912455

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070515	.0116953	16.65506	.6373104	.0533930	.1142422	350.4686
Stddev	.0000184	.0002490	.09714	.0012278	.0006924	.0010657	.4412
%RSD	.2612079	2.129124	.5832545	.1926480	1.296746	.9328504	.1258966

#1	.0070508	.0117412	16.56006	.6364452	.0528872	.1149602	349.9644
#2	.0070334	.0119182	16.65091	.6367703	.0531096	.1147487	350.6569
#3	.0070702	.0114265	16.75421	.6387156	.0541821	.1130177	350.7844

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.552668	3.071487	.0327937	-.022867	1.017579	.7009796	.3552236
Stddev	.000864	.021120	.0007365	.000367	.052359	.0035093	.0064869
%RSD	.0556476	.6875995	2.245793	1.602751	5.145450	.5006322	1.826146

#1	1.551966	3.047152	.0335544	-.023239	1.060092	.6971389	.3621139
#2	1.553633	3.082278	.0320841	-.022507	1.033552	.7040189	.3492343
#3	1.552407	3.085031	.0327425	-.022856	.959094	.7017811	.3543225

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.536469	6.064283	-.654763	.0021942	.1471043	11.88133	.0019823
Stddev	.013090	.063260	.002144	.0006446	.0075617	.02719	.0017198
%RSD	.8519474	1.043149	.3273952	29.37750	5.140360	.2288193	86.75843

#1	1.525631	5.999786	-.656133	.0020289	.1554035	11.90988	.0026347
#2	1.532765	6.066835	-.655864	.0029053	.1406049	11.87836	.0032804
#3	1.551012	6.126228	-.652293	.0016483	.1453045	11.85575	.0000317

Sample Name: I5582-13 Acquired: 10/3/2017 18:50:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAHA5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9371939	.0222692	.0628103
Stddev	.0012822	.0004629	.0001155
%RSD	.1368099	2.078545	.1839004

#1	.9358804	.0227843	.0629436
#2	.9372592	.0218881	.0627476
#3	.9384422	.0221352	.0627397

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1186.678	1224.898	52988.95	11572.51	2562.197
Stddev	4.987	2.294	141.07	21.59	4.421
%RSD	.4202522	.1872709	.2662330	.1866027	.1725665

#1	1181.807	1222.438	53006.97	11548.96	2558.782
#2	1191.773	1225.279	53120.15	11577.21	2560.618
#3	1186.452	1226.978	52839.74	11591.37	2567.191

Sample Name: I5582-14 Acquired: 10/3/2017 18:54:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAHA6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1036686	-.058760	1.343676	-.007569	.0107698	82.43108	1.315068
Stddev	.0042861	.004867	.008891	.002446	.0026344	.60850	.012090
%RSD	4.134439	8.283258	.6616793	32.31132	24.46090	.7381961	.9193353

#1	.1074042	-.063849	1.345979	-.005381	.0082755	82.75890	1.318971
#2	.0989892	-.058280	1.333861	-.010209	.0105090	82.80538	1.324725
#3	.1046122	-.054150	1.351189	-.007116	.0135249	81.72895	1.301509

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123241	.0274936	77.24017	1.035085	.1424175	.2528431	433.3946
Stddev	.0000811	.0003823	.12112	.011263	.0014123	.0018551	1.4182
%RSD	.6584565	1.390533	.1568140	1.088165	.9916722	.7336794	.3272197

#1	.0123560	.0271386	77.23724	1.035561	.1429879	.2543514	435.0225
#2	.0123845	.0274437	77.36273	1.023591	.1408091	.2534062	432.7346
#3	.0122319	.0278983	77.12053	1.046103	.1434553	.2507718	432.4267

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.892350	8.843346	.0850333	-.028048	1.561390	.6543303	2.436810
Stddev	.016744	.019859	.0007558	.000436	.009462	.0050385	.031121
%RSD	.2121551	.2245679	.8888823	1.553470	.6060091	.7700237	1.277133

#1	7.902419	8.861310	.0844574	-.028073	1.569217	.6599263	2.442018
#2	7.873021	8.846707	.0847533	-.027600	1.564078	.6501539	2.403413
#3	7.901610	8.822021	.0858891	-.028470	1.550875	.6529107	2.464999

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.839166	15.01498	-.819207	.0096741	1.563950	9.837204	.0338405
Stddev	.053491	.04469	.003562	.0005219	.005645	.036844	.0017147
%RSD	1.393298	.2976096	.4347498	5.394586	.3609722	.3745335	5.066886

#1	3.886397	14.96339	-.823296	.0092894	1.557538	9.864465	.0347040
#2	3.850020	15.04029	-.816784	.0094649	1.566135	9.851860	.0318657
#3	3.781080	15.04126	-.817540	.0102682	1.568176	9.795288	.0349517

Sample Name: I5582-14 Acquired: 10/3/2017 18:54:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAHA6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.127479	.0372819	.1998340
Stddev	.004044	.0005281	.0017483
%RSD	.3586845	1.416405	.8748589

#1	1.130673	.0371212	.2005829
#2	1.128832	.0378716	.2010830
#3	1.122932	.0368528	.1978360

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1223.079	1276.921	55577.30	12272.40	2478.812
Stddev	10.283	12.324	700.41	67.00	18.231
%RSD	.8407708	.9650951	1.260249	.5459111	.7354576

#1	1222.311	1272.587	55327.44	12220.33	2469.792
#2	1233.725	1290.826	56368.38	12248.88	2499.794
#3	1213.202	1267.350	55036.07	12347.98	2466.850

Sample Name: I5582-15 Acquired: 10/3/2017 18:58:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAHA7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1306359	-.049955	.8106476	-.011592	.0126530	69.94642	1.560026
Stddev	.0070155	.002400	.0143225	.002932	.0021216	.45937	.010378
%RSD	5.370256	4.803995	1.766802	25.29577	16.76723	.6567442	.6652621

#1	.1228413	-.047185	.7945353	-.012953	.0117327	70.11782	1.567706
#2	.1326230	-.051392	.8219333	-.013595	.0111470	70.29545	1.564154
#3	.1364436	-.051289	.8154743	-.008226	.0150793	69.42600	1.548220

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0162870	.0224827	27.43946	.5854429	.1098641	.2304708	375.9384
Stddev	.0002194	.0004087	.21673	.0023625	.0013113	.0017685	1.8822
%RSD	1.347071	1.817917	.7898590	.4035402	1.193603	.7673191	.5006607

#1	.0160372	.0222472	27.58297	.5862493	.1084558	.2304160	375.8166
#2	.0164488	.0229546	27.54526	.5827828	.1110501	.2322661	377.8785
#3	.0163749	.0222462	27.19014	.5872967	.1100865	.2287304	374.1201

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.35704	2.946148	.0685078	-.024185	1.322640	.7093469	2.214472
Stddev	.08334	.032207	.0007925	.000268	.113747	.0033139	.015391
%RSD	.5094909	1.093189	1.156848	1.109821	8.599968	.4671714	.6949976

#1	16.35024	2.909662	.0675942	-.023887	1.192679	.7130408	2.225248
#2	16.44358	2.970627	.0690098	-.024264	1.404076	.7083649	2.221323
#3	16.27732	2.958154	.0689195	-.024406	1.371166	.7066351	2.196846

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.350709	47.25249	-.700533	.0218946	1.068614	4.177463	.0904798
Stddev	.016675	.50081	.001249	.0004637	.018315	.012836	.0039163
%RSD	.4976483	1.059862	.1783093	2.117921	1.713865	.3072699	4.328409

#1	3.368261	46.69586	-.701295	.0214052	1.054720	4.182861	.0867365
#2	3.335077	47.66658	-.701213	.0223274	1.089368	4.186718	.0945489
#3	3.348790	47.39504	-.699092	.0219514	1.061753	4.162809	.0901541

Sample Name: I5582-15 Acquired: 10/3/2017 18:58:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAHA7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7280161	.0913159	.2596050
Stddev	.0060602	.0008578	.0011536
%RSD	.8324198	.9393584	.4443720

#1	.7299731	.0913708	.2603467
#2	.7328560	.0921449	.2601924
#3	.7212193	.0904319	.2582759

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1337.810	1386.016	60533.13	13287.29	2553.997
Stddev	5.368	8.423	84.68	81.45	23.005
%RSD	.4012271	.6077123	.1398972	.6129983	.9007308

#1	1332.802	1392.193	60477.14	13260.68	2577.560
#2	1337.151	1376.421	60491.69	13222.46	2531.595
#3	1343.476	1389.433	60630.55	13378.71	2552.836

Sample Name: I5582-16 Acquired: 10/3/2017 19:02:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAHA8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0753572	-.039589	.3067076	-.006172	.0058762	85.48684
Stddev	.0034145	.001550	.0017449	.002294	.0013937	.07726
%RSD	4.531078	3.915975	.5689136	37.16907	23.71738	.0903781

#1	.0792693	-.041144	.3087221	-.005654	.0070408	85.39843
#2	.0738262	-.039579	.3056682	-.004181	.0062559	85.52069
#3	.0729762	-.038044	.3057324	-.008681	.0043321	85.54140

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.789588	.0127359	.0127317	17.41288	.4768815	.1703931
Stddev	.003297	.0001564	.0004933	.04964	.0027205	.0008678
%RSD	.1842558	1.227816	3.874292	.2850738	.5704685	.5092786

#1	1.786547	.0129085	.0121807	17.35561	.4799514	.1709801
#2	1.789125	.0126037	.0128825	17.44359	.4759234	.1693963
#3	1.793093	.0126954	.0131320	17.43943	.4747698	.1708029

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0997311	308.6592	F 31.05169	2.972971	.0511098	-.020200
Stddev	.0005985	.5473	.04091	.018400	.0005938	.000502
%RSD	.6001256	.1773055	.1317582	.6189078	1.161793	2.485328

#1	.0996305	308.1174	31.00954	2.989625	.0504482	-.020396
#2	.1003736	308.6484	31.05430	2.953219	.0515964	-.020573
#3	.0991893	309.2118	31.09124	2.976069	.0512849	-.019629

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.083233	.5981390	.2181553	2.811572	20.09695	-.565295
Stddev	.037186	.0052098	.0028460	.024308	.18752	.003198
%RSD	3.432888	.8709986	1.304593	.8645739	.9330982	.5656527

#1	1.096979	.5922583	.2208810	2.823146	20.13679	-.568987
#2	1.041131	.6021772	.2152025	2.783640	19.89271	-.563382
#3	1.111589	.5999814	.2183822	2.827930	20.26135	-.563517

Sample Name: I5582-16 Acquired: 10/3/2017 19:02:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAHA8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102755	-.158809	10.13458	.0017583	.5755396	.0381159
Stddev	.0005319	.002704	.08056	.0019398	.0008771	.0002539
%RSD	5.176110	1.702662	.7949309	110.3286	.1524035	.6661868

#1	.0108368	-.160641	10.21456	.0015039	.5759063	.0378526
#2	.0097790	-.160081	10.05345	-.000042	.5745386	.0383593
#3	.0102108	-.155703	10.13574	.003813	.5761738	.0381357

Elem	Sr4077
Units	ppm
Avg	.1143612
Stddev	.0001591
%RSD	.1390936

#1	.1141782
#2	.1144659
#3	.1144396

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1338.823	1398.572	59379.29	12943.91	2593.812
Stddev	8.238	4.852	233.21	39.94	10.300
%RSD	.6153112	.3468921	.3927478	.3085727	.3971096

#1	1348.307	1395.767	59625.52	12897.88	2588.912
#2	1333.442	1404.174	59161.76	12964.29	2605.648
#3	1334.722	1395.775	59350.58	12969.54	2586.877

Sample Name: I5582-17 Acquired: 10/3/2017 19:06:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAHA9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0620297	-.042152	.3424798	-.003580	.0082384	98.12422	1.935937
Stddev	.0020829	.001351	.0016412	.003275	.0013217	.29309	.007311
%RSD	3.357981	3.205825	.4792215	91.49708	16.04306	.2986960	.3776285

#1	.0596346	-.040643	.3430670	-.007159	.0073816	98.02003	1.932728
#2	.0634176	-.043250	.3437466	-.002846	.0097605	98.45517	1.944303
#3	.0630369	-.042563	.3406257	-.000733	.0075730	97.89745	1.930779

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0133511	.0132794	19.47560	.4349043	.1613970	.1394515	351.9192
Stddev	.0000734	.0002916	.13904	.0017329	.0003270	.0006880	1.1334
%RSD	.5494495	2.195976	.7139343	.3984649	.2026327	.4933547	.3220632

#1	.0132795	.0132602	19.32986	.4331733	.1615925	.1400661	350.6108
#2	.0134261	.0135802	19.60680	.4366391	.1615791	.1387083	352.5968
#3	.0133476	.0129979	19.49015	.4349004	.1610195	.1395802	352.5501

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.91362	3.755407	.0582687	-.023617	1.212962	.6466732	.3507204
Stddev	.07963	.013183	.0003842	.000452	.074356	.0015855	.0024578
%RSD	.2958793	.3510368	.6594380	1.914124	6.130109	.2451744	.7007830

#1	26.82755	3.746332	.0587075	-.024127	1.247328	.6479180	.3503502
#2	26.98468	3.770528	.0579926	-.023266	1.263918	.6448882	.3533423
#3	26.92863	3.749360	.0581060	-.023458	1.127639	.6472134	.3484687

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.529479	22.06424	-.642067	.0062874	-.016893	6.738535	.0036933
Stddev	.029322	.09290	.004822	.0004606	.004728	.028543	.0037803
%RSD	.8307686	.4210464	.7510573	7.325501	27.98660	.4235757	102.3545

#1	3.507421	22.11632	-.637170	.0064012	-.020329	6.712722	-.000186
#2	3.562754	22.11941	-.646811	.0066804	-.018848	6.769188	.003900
#3	3.518263	21.95698	-.642219	.0057806	-.011501	6.733693	.007366

Sample Name: I5582-17 Acquired: 10/3/2017 19:06:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAHA9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5092553	.0197443	.1081439
Stddev	.0017073	.0002881	.0003623
%RSD	.3352514	1.458960	.3350078

#1	.5087947	.0198587	.1077927
#2	.5111456	.0199575	.1085164
#3	.5078255	.0194166	.1081226

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1294.589	1354.503	56998.34	12325.18	2575.072
Stddev	14.652	3.975	199.63	39.90	10.716
%RSD	1.131813	.2934569	.3502347	.3237611	.4161471

#1	1281.175	1353.058	56906.87	12316.77	2571.845
#2	1310.226	1351.454	57227.31	12290.15	2566.340
#3	1292.367	1358.999	56860.83	12368.62	2587.030

Sample Name: I5582-18 Acquired: 10/3/2017 19:10:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAHBO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2101982	-.042522	2.334819	-.007459	.0181519	86.05635	3.463630
Stddev	.0116749	.003570	.024805	.006840	.0020267	.63437	.026832
%RSD	5.554237	8.395496	1.062405	91.70003	11.16499	.7371524	.7746854

#1	.2035987	-.040314	2.310818	.000420	.0158127	85.51657	3.442595
#2	.2033177	-.046640	2.360357	-.010924	.0193801	86.75508	3.493848
#3	.2236782	-.040610	2.333282	-.011873	.0192628	85.89740	3.454446

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0155053	.0307802	87.70987	.4106647	.1175169	.6109976	301.5929
Stddev	.0001818	.0001667	.56937	.0007426	.0011204	.0035699	1.8973
%RSD	1.172163	.5415654	.6491461	.1808297	.9534136	.5842784	.6291067

#1	.0153257	.0306836	87.25670	.4101169	.1163892	.6093509	299.9502
#2	.0155011	.0309727	88.34895	.4115099	.1186299	.6150937	303.6696
#3	.0156891	.0306843	87.52395	.4103673	.1175317	.6085483	301.1588

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.10477	8.785723	.1564697	-.018528	2.187775	.5797780	4.991274
Stddev	.08556	.089025	.0010354	.000362	.055170	.0024065	.029847
%RSD	.6066107	1.013292	.6616931	1.952705	2.521720	.4150733	.5979741

#1	14.03801	8.690410	.1564650	-.018718	2.246128	.5770410	5.016851
#2	14.20122	8.866727	.1575074	-.018754	2.180734	.5815623	4.998489
#3	14.07508	8.800030	.1554367	-.018110	2.136464	.5807307	4.958481

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.999518	117.8332	-.458374	.0231300	4.211201	9.144918	.1307404
Stddev	.104291	.9480	.007385	.0003502	.051236	.094849	.0026412
%RSD	1.158850	.8045128	1.611030	1.514270	1.216667	1.037178	2.020162

#1	8.899879	116.9990	-.449880	.0231333	4.162055	9.043292	.1289958
#2	9.107909	118.8641	-.461969	.0227782	4.264299	9.231094	.1337791
#3	8.990767	117.6364	-.463272	.0234786	4.207250	9.160367	.1294464

Sample Name: I5582-18 Acquired: 10/3/2017 19:10:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAHBO Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.248545	.1209637	.8602624
Stddev	.006415	.0013696	.0062795
%RSD	.5137801	1.132214	.7299500

#1	1.244305	.1199867	.8551507
#2	1.255925	.1225291	.8672719
#3	1.245405	.1203751	.8583644

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1295.524	1334.281	58339.12	12837.69	2417.430
Stddev	9.460	9.131	259.23	75.66	15.322
%RSD	.7302336	.6843056	.4443511	.5893575	.6338175

#1	1285.063	1344.079	58068.78	12888.63	2435.103
#2	1298.031	1332.754	58362.98	12750.75	2407.879
#3	1303.479	1326.011	58585.59	12873.68	2409.307

Sample Name: I5582-19 Acquired: 10/3/2017 19:14:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAHB1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2168138	-.043485	2.489867	-.005678	.0126153	88.88289	3.772818
Stddev	.0085104	.004697	.031927	.001269	.0036338	.06631	.004852
%RSD	3.925195	10.80151	1.282275	22.35756	28.80481	.0746026	.1286056

#1	.2177830	-.047317	2.522898	-.004250	.0167462	88.81310	3.778222
#2	.2247981	-.044893	2.487533	-.006678	.0111874	88.94506	3.768837
#3	.2078603	-.038245	2.459172	-.006106	.0099124	88.89052	3.771393

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0166176	.0324243	87.05861	.4097246	.1283148	.6980346	311.1650
Stddev	.0002432	.0006085	.17787	.0025993	.0018421	.0022244	1.1005
%RSD	1.463769	1.876717	.2043115	.6343932	1.435575	.3186609	.3536678

#1	.0163473	.0329385	86.92049	.4092118	.1302921	.6968627	309.8950
#2	.0168189	.0325819	87.25931	.4125420	.1280051	.6966413	311.8375
#3	.0166866	.0317525	86.99602	.4074199	.1266473	.7005999	311.7626

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.47286	7.898015	.1637218	-.017604	2.075283	.5315368	5.602508
Stddev	.09709	.045805	.0022833	.000194	.030998	.0008870	.023763
%RSD	.5556368	.5799586	1.394648	1.104794	1.493658	.1668788	.4241508

#1	17.36325	7.846533	.1655322	-.017738	2.108022	.5305220	5.602856
#2	17.54805	7.913251	.1644766	-.017693	2.071441	.5319236	5.578573
#3	17.50728	7.934261	.1611566	-.017381	2.046385	.5321647	5.626096

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.938496	107.6951	-.517643	.0250902	4.867052	5.068345	.1489816
Stddev	.029466	1.4500	.002300	.0001217	.078822	.008295	.0033774
%RSD	.3296486	1.346387	.4442396	.4849815	1.619500	.1636620	2.266993

#1	8.904741	109.1267	-.515082	.0250551	4.943600	5.076021	.1497868
#2	8.959073	107.7313	-.519530	.0252255	4.871418	5.069467	.1518836
#3	8.951674	106.2274	-.518317	.0249899	4.786138	5.059546	.1452743

Sample Name: I5582-19 Acquired: 10/3/2017 19:14:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAH B1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.215671	.1112342	.8347720
Stddev	.001597	.0002736	.0010982
%RSD	.1313402	.2459439	.1315524

#1	1.215810	.1115374	.8342006
#2	1.217193	.1111594	.8340774
#3	1.214009	.1110058	.8360381

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1240.474	1305.923	57088.33	12614.48	2397.159
Stddev	6.679	15.739	153.14	36.94	35.696
%RSD	.5384257	1.205201	.2682504	.2928074	1.489109

#1	1235.343	1290.388	56915.53	12653.88	2362.747
#2	1248.026	1305.523	57207.22	12580.64	2394.717
#3	1238.054	1321.859	57142.26	12608.91	2434.014

Sample Name: I5582-20 Acquired: 10/3/2017 19:18:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAHB2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0893188	-.056332	1.766262	-.006571	.0135623	108.7768	2.152090
Stddev	.0048082	.002558	.000830	.003309	.0006953	1.5385	.033894
%RSD	5.383187	4.541344	.0469748	50.35537	5.126832	1.414387	1.574948

#1	.0844663	-.057243	1.765327	-.003063	.0140533	108.1060	2.137151
#2	.0894088	-.058310	1.766912	-.007015	.0127667	107.6876	2.128231
#3	.0940814	-.053443	1.766545	-.009635	.0138670	110.5369	2.190887

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0174366	.0303735	166.8020	.5914879	.1537053	.7468212	412.5730
Stddev	.0002638	.0005256	2.7588	.0033435	.0010828	.0105720	5.5131
%RSD	1.513107	1.730393	1.653956	.5652732	.7044692	1.415598	1.336277

#1	.0171323	.0309025	164.3371	.5905818	.1545403	.7420932	408.6817
#2	.0175773	.0303665	166.2867	.5951912	.1540937	.7394383	410.1554
#3	.0176003	.0298514	169.7821	.5886909	.1524819	.7589320	418.8819

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.46266	35.37957	.1860030	-.026391	2.323041	.6850218	3.653780
Stddev	.22509	.53534	.0008625	.000250	.074309	.0077819	.018280
%RSD	1.367255	1.513135	.4636781	.9456767	3.198799	1.136006	.5003146

#1	16.30188	34.98886	.1858200	-.026556	2.338368	.6829583	3.632681
#2	16.36620	35.16008	.1869422	-.026513	2.242263	.6784797	3.663788
#3	16.71990	35.98977	.1852467	-.026104	2.388492	.6936275	3.664870

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.810149	42.43304	-.733744	.0078515	3.527285	12.92522	.0476553
Stddev	.122319	.26947	.008209	.0004466	.028937	.15264	.0027128
%RSD	1.566157	.6350539	1.118759	5.687733	.8203632	1.180975	5.692544

#1	7.789018	42.70025	-.725202	.0081408	3.546451	12.82257	.0507447
#2	7.699772	42.43752	-.734457	.0080765	3.541404	12.85245	.0465595
#3	7.941657	42.16136	-.741574	.0073372	3.493999	13.10063	.0456619

Sample Name: I5582-20 Acquired: 10/3/2017 19:18:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAHB2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.069026	.0537885	.3706186
Stddev	.012366	.0013930	.0055083
%RSD	1.156759	2.589754	1.486233

#1	1.063154	.0538770	.3678068
#2	1.060690	.0523533	.3670838
#3	1.083234	.0551351	.3769653

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1172.117	1216.431	52797.31	11609.74	2266.884
Stddev	5.245	5.446	168.20	126.61	12.488
%RSD	.4475076	.4476797	.3185706	1.090545	.5509045

#1	1169.796	1212.890	52704.18	11672.56	2254.412
#2	1168.433	1213.702	52696.27	11692.65	2266.852
#3	1178.122	1222.702	52991.47	11464.00	2279.389

Sample Name: I5582-21 Acquired: 10/3/2017 19:22:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAH3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1147295	-.051016	.7102819	-.004997	.0099601	104.4224	2.019506
Stddev	.0022957	.000262	.0177675	.000293	.0019466	.1641	.005946
%RSD	2.000993	.5136199	2.501465	5.865516	19.54371	.1571480	.2944123

#1	.1126667	-.051315	.6996938	-.005218	.0078954	104.6115	2.026184
#2	.1172028	-.050907	.7003574	-.004665	.0102230	104.3378	2.014788
#3	.1143191	-.050827	.7307944	-.005110	.0117618	104.3179	2.017546

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0167230	.0182576	35.94969	.5636850	.1423714	.1920773	402.2645
Stddev	.0000687	.0010901	.15430	.0058508	.0039197	.0013373	1.4872
%RSD	.4109731	5.970665	.4292112	1.037959	2.753151	.6962419	.3697163

#1	.0167857	.0176112	35.77301	.5608320	.1405875	.1930035	401.2574
#2	.0167338	.0176454	36.05791	.5598080	.1396609	.1926842	403.9727
#3	.0166495	.0195162	36.01817	.5704151	.1468657	.1905441	401.5634

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.02111	6.901317	.0819399	-.026401	1.685526	.7929765	.8858647
Stddev	.07215	.029619	.0022233	.000867	.062162	.0082045	.0113637
%RSD	.4238928	.4291774	2.713325	3.283602	3.688001	1.034652	1.282786

#1	16.98116	6.898006	.0810239	-.026588	1.614318	.7838864	.8779491
#2	17.10440	6.873493	.0803209	-.025456	1.728952	.7952102	.8807592
#3	16.97777	6.932453	.0844748	-.027159	1.713309	.7998329	.8988857

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.852500	25.78280	-.732411	.0165567	.5439658	7.555153	.0280051
Stddev	.025733	.74876	.005709	.0002858	.0194426	.027269	.0010892
%RSD	.5302974	2.904113	.7794503	1.725959	3.574240	.3609271	3.889344

#1	4.875905	25.29254	-.735823	.0168546	.5406320	7.582834	.0268551
#2	4.824944	25.41118	-.735590	.0165308	.5264055	7.554309	.0290211
#3	4.856652	26.64468	-.725821	.0162848	.5648597	7.528316	.0281390

Sample Name: I5582-21 Acquired: 10/3/2017 19:22:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAH3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8791712	.1023494	.3282454
Stddev	.0014493	.0003992	.0007457
%RSD	.1648492	.3900013	.2271843

#1	.8798938	.1022424	.3289121
#2	.8801172	.1020146	.3283841
#3	.8775027	.1027911	.3274401

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1324.470	1369.371	59211.18	12948.45	2535.505
Stddev	14.106	21.019	558.96	73.04	52.475
%RSD	1.065037	1.534934	.9440047	.5641032	2.069622

#1	1333.433	1381.797	59414.30	12918.23	2566.116
#2	1331.767	1381.213	59640.17	12895.37	2565.487
#3	1308.210	1345.103	58579.06	13031.76	2474.913

Sample Name: I5582-22 Acquired: 10/3/2017 19:26:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAH4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0796748	-.041754	.4661553	-.007055	.0071965	87.78190	1.459604
Stddev	.0007686	.002974	.0060881	.002982	.0012583	.06090	.003451
%RSD	.9646429	7.123589	1.306030	42.25995	17.48448	.0693737	.2364088

#1	.0802037	-.039810	.4715124	-.008542	.0084865	87.79432	1.463310
#2	.0800276	-.040274	.4595345	-.009001	.0071307	87.83563	1.459018
#3	.0787932	-.045178	.4674190	-.003623	.0059725	87.71575	1.456484

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0154343	.0150929	20.88140	.5097615	.1358587	.1547789	344.7254
Stddev	.0001557	.0000219	.07913	.0005612	.0008554	.0002792	.5708
%RSD	1.008679	.1451231	.3789683	.1100908	.6296177	.1804148	.1655754

#1	.0154377	.0151162	20.79175	.5103741	.1365704	.1544613	344.0827
#2	.0155883	.0150728	20.94154	.5096383	.1349097	.1548895	345.1730
#3	.0152770	.0150896	20.91090	.5092721	.1360960	.1549859	344.9206

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.29156	4.160042	.0666444	-.021669	1.212180	.6689020	.6382346
Stddev	.09227	.035415	.0006453	.000437	.042732	.0038616	.0012820
%RSD	.4139419	.8513053	.9682991	2.014616	3.525196	.5773113	.2008682

#1	22.18597	4.119160	.0668253	-.021422	1.253673	.6701291	.6395237
#2	22.35673	4.179643	.0671801	-.021411	1.168309	.6720010	.6382202
#3	22.33198	4.181323	.0659280	-.022173	1.214557	.6645759	.6369598

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.187695	18.51064	-.636362	.0061177	.2377023	10.34455	.0148618
Stddev	.023984	.05134	.003506	.0005904	.0087174	.00735	.0018864
%RSD	.7524088	.2773787	.5509627	9.650602	3.667370	.0710960	12.69291

#1	3.160445	18.56593	-.639242	.0054409	.2475457	10.33682	.0136870
#2	3.205601	18.50154	-.637387	.0065269	.2346035	10.35146	.0138607
#3	3.197039	18.46446	-.632458	.0063853	.2309576	10.34538	.0170378

Sample Name: I5582-22 Acquired: 10/3/2017 19:26:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAHB4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8158230	.0371627	.1738859
Stddev	.0021787	.0003758	.0005054
%RSD	.2670598	1.011209	.2906562

#1	.8137862	.0370686	.1742336
#2	.8155626	.0368429	.1741180
#3	.8181203	.0375766	.1733062

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1324.671	1372.777	58907.10	12761.95	2558.651
Stddev	6.681	.658	157.91	25.41	7.520
%RSD	.5043769	.0478962	.2680709	.1991318	.2939112

#1	1326.505	1373.349	59007.60	12751.65	2553.380
#2	1317.264	1372.058	58725.08	12743.30	2567.262
#3	1330.243	1372.924	58988.61	12790.89	2555.309

Sample Name: I5581-05 Acquired: 10/3/2017 19:30:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAGC6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1397911	-.040291	3.714531	-.002564	.0202460	61.32906	2.444346
Stddev	.0040284	.002726	.025332	.003454	.0009380	.16007	.001360
%RSD	2.881703	6.765354	.6819580	134.6877	4.633170	.2610074	.0556336

#1	.1391426	-.039921	3.685505	-.006460	.0192081	61.32816	2.445894
#2	.1441043	-.043184	3.732179	-.001354	.0210333	61.16944	2.443345
#3	.1361263	-.037770	3.725907	.000121	.0204966	61.48958	2.443799

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086681	.0412826	270.7320	.2994987	.0596227	1.874721	249.8282
Stddev	.0002471	.0003637	.4756	.0013991	.0006021	.003587	1.5154
%RSD	2.850140	.8811201	.1756867	.4671557	1.009920	.1913224	.6065711

#1	.0083914	.0408822	270.8702	.2978917	.0589439	1.870631	249.9909
#2	.0087461	.0415926	270.2026	.3001582	.0600927	1.876199	248.2381
#3	.0088667	.0413732	271.1233	.3004463	.0598313	1.877332	251.2557

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.784938	71.42235	.1733658	-.015071	2.526121	.2519149	7.066867
Stddev	.053493	.37722	.0018809	.000308	.051219	.0055055	.034978
%RSD	.9246868	.5281576	1.084937	2.044378	2.027566	2.185453	.4949635

#1	5.784704	71.50365	.1712889	-.014919	2.488375	.2540865	7.081330
#2	5.731562	71.01111	.1749544	-.014868	2.584425	.2456548	7.026977
#3	5.838547	71.75230	.1738541	-.015426	2.505564	.2560035	7.092295

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.258350	63.56388	-.422254	.0170875	7.119033	12.64048	.0545345
Stddev	.022318	.16417	.001235	.0003487	.031082	.02384	.0016571
%RSD	.3074853	.2582765	.2924640	2.040429	.4366046	.1886302	3.038670

#1	7.282141	63.45352	-.423287	.0170920	7.087030	12.64623	.0550490
#2	7.237875	63.75254	-.422587	.0174339	7.149104	12.61428	.0526811
#3	7.255034	63.48558	-.420886	.0167367	7.120964	12.66091	.0558733

Sample Name: I5581-05 Acquired: 10/3/2017 19:30:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAGC6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9126712	.0502074	.5030010
Stddev	.0040999	.0002748	.0002325
%RSD	.4492163	.5472896	.0462284

#1	.9135169	.0499578	.5028487
#2	.9082145	.0501627	.5028856
#3	.9162823	.0505018	.5032686

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1127.122	1156.237	51223.15	11370.17	2236.046
Stddev	2.030	3.948	57.45	24.78	11.602
%RSD	.1800794	.3414450	.1121539	.2179230	.5188438

#1	1124.875	1160.689	51246.03	11383.90	2249.242
#2	1127.668	1154.858	51157.79	11385.04	2227.453
#3	1128.823	1153.163	51265.64	11341.56	2231.442

Sample Name: I5581-06 Acquired: 10/3/2017 19:34:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAGQ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0666583	-.051956	.1408165	-.004569	.0110333	129.5667	.5544513
Stddev	.0060989	.000996	.0067433	.008426	.0011211	6.4476	.0270089
%RSD	9.149514	1.916580	4.788709	184.3876	10.16116	4.976299	4.871283

#1	.0736964	-.051637	.1332070	-.007189	.0109681	130.9982	.5610516
#2	.0633507	-.051159	.1460510	-.011374	.0121856	122.5237	.5247541
#3	.0629277	-.053073	.1431913	.004855	.0099462	135.1783	.5775483

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0157277	.0150069	22.53303	.5619063	.1100167	.1167279	457.3755
Stddev	.0006415	.0006259	1.23267	.0071495	.0035480	.0067125	22.2469
%RSD	4.078583	4.171025	5.470509	1.272360	3.225002	5.750540	4.864041

#1	.0158896	.0143048	22.83770	.5666738	.1060974	.1172243	461.9537
#2	.0150208	.0155066	21.17660	.5653593	.1109431	.1097810	433.1956
#3	.0162727	.0152093	23.58480	.5536857	.1130097	.1231784	476.9771

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.977553	5.912160	.0498007	-.028815	1.447376	.7486079	.2152413
Stddev	.236764	.253456	.0015001	.001597	.070438	.0343293	.0057855
%RSD	4.756644	4.287030	3.012153	5.543535	4.866628	4.585757	2.687932

#1	5.022402	5.965613	.0481095	-.028714	1.489912	.7606821	.2188991
#2	4.721572	5.636240	.0503223	-.030460	1.366070	.7098727	.2085712
#3	5.188686	6.134626	.0509704	-.027270	1.486146	.7752689	.2182538

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.236460	7.680657	-.856683	-.002223	.2568735	3.673962	.0068572
Stddev	.123290	.217317	.036015	.000187	.0087692	.153290	.0011690
%RSD	5.512723	2.829402	4.204009	8.393768	3.413814	4.172323	17.04747

#1	2.278954	7.455132	-.880056	-.002434	.2468682	3.740519	.0081641
#2	2.097544	7.698126	-.815208	-.002156	.2632249	3.498644	.0059114
#3	2.332883	7.888711	-.874786	-.002079	.2605273	3.782723	.0064960

Sample Name: I5581-06 Acquired: 10/3/2017 19:34:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAGQ3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3304695	.0238962	.0746612
Stddev	.0165734	.0014629	.0036962
%RSD	5.015106	6.121759	4.950665

#1	.3328407	.0241724	.0754111
#2	.3128382	.0223149	.0706475
#3	.3457295	.0252013	.0779250

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1267.565	1306.048	55980.61	11884.27	2585.604
Stddev	6.496	23.448	409.88	481.73	55.899
%RSD	.5124497	1.795334	.7321865	4.053549	2.161941

#1	1260.190	1331.664	55661.26	11715.66	2647.641
#2	1270.070	1300.834	55837.77	12427.65	2570.020
#3	1272.435	1285.646	56442.80	11509.51	2539.150

Sample Name: CCV007 Acquired: 10/3/2017 19:39:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.052684	4.976217	25.13517	4.971423	5.060589	409.1668
Stddev	.026831	.011302	.07121	.014043	.002836	4.6602
%RSD	.5310303	.2271160	.2832986	.2824687	.0560343	1.138943

#1	5.059250	4.985272	25.16038	4.983191	5.057475	411.0740
#2	5.075623	4.979828	25.05478	4.975199	5.063023	412.5709
#3	5.023179	4.963551	25.19034	4.955878	5.061268	403.8556

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.33217	F .5520496	2.606080	415.0172	15.91537	2.564993
Stddev	.02943	.0050870	.013500	1.1317	.04200	.006663
%RSD	.2848085	.9214740	.5180117	.2726804	.2639215	.2597803

#1	10.32549	.5553922	2.603964	416.1002	15.96314	2.564061
#2	10.36436	.5545613	2.593762	415.1090	15.89877	2.558844
#3	10.30666	.5461953	2.620512	413.8425	15.88421	2.572073

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.69460	420.3313	15.87148	425.3121	2.532325	1.314774
Stddev	.03845	2.0178	.08009	2.1890	.005050	.002308
%RSD	.2450201	.4800529	.5045919	.5146736	.1994267	.1755162

#1	15.68209	421.2340	15.91473	425.3653	2.534043	1.317077
#2	15.73776	421.7401	15.92065	427.4740	2.526639	1.314783
#3	15.66396	418.0197	15.77907	423.0971	2.536291	1.312462

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	410.7377	2.624939	15.27624	160.2156	F -1.01047	4.745035
Stddev	2.2820	.011484	.15575	.4256	.02211	.040970
%RSD	.5555860	.4374895	1.019581	.2656428	2.188125	.8634197

#1	412.2054	2.632337	15.15348	160.3497	-1.03571	4.775532
#2	411.8992	2.630770	15.22379	160.5581	-.99452	4.761105
#3	408.1086	2.611709	15.45145	159.7392	-1.00118	4.698466

Sample Name: CCV007 Acquired: 10/3/2017 19:39:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV007 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.043058	5.344995	5.357812	5.154938	5.201488	4.234448
Stddev	.005688	.018954	.047280	.022274	.019765	.012135
%RSD	.1127963	.3546135	.8824463	.4320925	.3799918	.2865690

#1	5.046105	5.364680	5.372306	5.157034	5.212039	4.231809
#2	5.036495	5.326867	5.396148	5.131690	5.213738	4.247685
#3	5.046575	5.343438	5.304982	5.176090	5.178686	4.223850

Elem	Sr4077
Units	ppm
Avg	4.174548
Stddev	.040211
%RSD	.9632366

#1	4.193594
#2	4.201698
#3	4.128353

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1024.498	1049.306	45311.16	10497.53	1948.795
Stddev	8.229	2.463	15.60	75.06	1.742
%RSD	.8032620	.2347317	.0344375	.7150459	.0893686

#1	1031.625	1047.723	45315.87	10469.43	1946.838
#2	1026.378	1048.051	45293.75	10440.57	1949.371
#3	1015.491	1052.143	45323.87	10582.58	1950.176

Sample Name: CCB007 Acquired: 10/3/2017 19:43:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026587	-.000333	.0011967	.0024367	-.000621	.0034094	-.003069
Stddev	.0029558	.001047	.0015279	.0035252	.000818	.0005041	.000128
%RSD	111.1737	314.5138	127.6790	144.6698	131.7120	14.78553	4.173190

#1	.0046353	-.000831	.0009455	.0053047	-.000229	.0035100	-.002931
#2	-.000739	-.001038	.0028346	-.001499	-.001561	.0028626	-.003094
#3	.004080	.000871	-.000190	.003504	-.000073	.0038556	-.003183

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000037	-.000145	-.002223	.0001249	.0000671	.0005475	.0114929
Stddev	.0000413	.000077	.003501	.0001271	.0000864	.0008080	.0039052
%RSD	1112.666	52.80979	157.4703	101.7391	128.8454	147.5968	33.97949

#1	.0000011	-.000231	.001622	.0001088	.0001667	.0006885	.0070530
#2	-.000036	-.000084	-.003067	.0000067	.0000116	.0012757	.0130299
#3	.000046	-.000121	-.005225	.0002593	.0000230	-.000322	.0143957

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006375	-.006608	.0001888	.0005262	.0173716	-.000771	.0018053
Stddev	.0000996	.017946	.0002037	.0002277	.0466881	.000251	.0047245
%RSD	15.62658	271.5725	107.8741	43.27770	268.7611	32.53319	261.7039

#1	.0005891	-.004315	.0000728	.0006563	.0009363	-.000989	.0015431
#2	.0005714	.010081	.0004240	.0002632	.0700548	-.000827	-.002783
#3	.0007521	-.025591	.0000697	.0006590	-.018876	-.000497	.006656

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008737	-.008411	.0011785	.0000456	-.002376	-.001271	.0006531
Stddev	.0085586	.006997	.0005725	.0003152	.002259	.000743	.0018301
%RSD	979.5542	83.19501	48.57668	691.8914	95.06697	58.47866	280.2325

#1	.0048115	-.001596	.0008810	-.000303	-.004983	-.000890	.0026757
#2	-.008945	-.015578	.0018385	.000310	-.001035	-.000795	.0001718
#3	.006755	-.008058	.0008161	.000131	-.001109	-.002127	-.000888

Sample Name: CCB007 Acquired: 10/3/2017 19:43:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB007 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010839	-.000686	-.000839
Stddev	.0001494	.000241	.000010
%RSD	13.78309	35.14883	1.134344

#1	.0010665	-.000962	-.000838
#2	.0009440	-.000581	-.000830
#3	.0012413	-.000515	-.000848

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1330.272	1370.668	57961.61	12167.78	3136.398
Stddev	6.899	5.285	11.39	36.88	6.890
%RSD	.5185931	.3855686	.0196570	.3030548	.2196659

#1	1326.467	1376.173	57964.88	12158.43	3143.676
#2	1338.235	1365.634	57971.01	12136.47	3135.542
#3	1326.114	1370.198	57948.94	12208.43	3129.977

Sample Name: I5581-07 Acquired: 10/3/2017 19:47:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAGQ4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2509820	-.056728	1.998963	-.005915	.0085217	93.83284	3.101649
Stddev	.0023723	.003589	.013687	.002198	.0026090	.76863	.022037
%RSD	.9452055	6.326941	.6846875	37.15190	30.61634	.8191529	.7104768

#1	.2524765	-.055427	1.999116	-.006050	.0098866	93.58679	3.095343
#2	.2482466	-.060786	1.985200	-.003653	.0055133	94.69437	3.126152
#3	.2522228	-.053971	2.012572	-.008042	.0101651	93.21736	3.083454

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0191211	.0377539	52.55205	.4826115	.1668998	.5436007	390.9844
Stddev	.0002721	.0002950	.48906	.0032145	.0006168	.0040390	3.1608
%RSD	1.423225	.7814291	.9306152	.6660677	.3695469	.7430021	.8084154

#1	.0193117	.0375563	52.27652	.4849555	.1674283	.5416712	389.9865
#2	.0192422	.0376125	53.11671	.4789471	.1662221	.5482426	394.5237
#3	.0188095	.0380931	52.26293	.4839320	.1670489	.5408884	388.4430

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.49487	8.539923	.1413358	-.024754	2.076971	.6561741	4.794974
Stddev	.20163	.061175	.0010310	.000660	.040924	.0074448	.033198
%RSD	.8963580	.7163443	.7294306	2.665275	1.970350	1.134579	.6923584

#1	22.44046	8.549371	.1410050	-.025383	2.085196	.6545061	4.756835
#2	22.71813	8.595825	.1405108	-.024067	2.032560	.6643114	4.810697
#3	22.32603	8.474574	.1424915	-.024813	2.113158	.6497048	4.817390

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.575036	44.32036	-.672499	.0133916	3.077623	7.573777	.0842609
Stddev	.036871	.24065	.005412	.0006449	.020115	.066543	.0013277
%RSD	.6613615	.5429858	.8047224	4.815384	.6535880	.8786030	1.575758

#1	5.578575	44.21750	-.670665	.0134776	3.083778	7.577136	.0850607
#2	5.610010	44.14824	-.678590	.0127081	3.055150	7.638577	.0849938
#3	5.536523	44.59535	-.668243	.0139892	3.093942	7.505618	.0827283

Sample Name: I5581-07 Acquired: 10/3/2017 19:47:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAGQ4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.107388	.0788628	.4336155
Stddev	.011658	.0007231	.0023286
%RSD	1.052767	.9169639	.5370252

#1	1.103515	.0786730	.4327896
#2	1.120490	.0796619	.4362445
#3	1.098159	.0782535	.4318123

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1359.319	1405.460	61676.60	13615.55	2503.791
Stddev	5.534	1.301	77.84	122.82	4.648
%RSD	.4070822	.0925736	.1262046	.9020907	.1856550

#1	1365.705	1406.446	61665.67	13616.54	2500.976
#2	1356.320	1405.950	61604.80	13492.23	2509.157
#3	1355.933	1403.986	61759.32	13737.87	2501.242

Sample Name: I5581-08 Acquired: 10/3/2017 19:51:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAGQ5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1371542	-.031615	3.140141	-.002096	.0234126	62.18986	2.100649
Stddev	.0088963	.001746	.014244	.002017	.0012862	.13917	.004640
%RSD	6.486331	5.523607	.4536144	96.20393	5.493687	.2237867	.2208986

#1	.1472772	-.030631	3.136151	-.000075	.0219594	62.27423	2.099911
#2	.1305804	-.033632	3.155955	-.002105	.0244049	62.02922	2.096423
#3	.1336050	-.030584	3.128319	-.004109	.0238734	62.26612	2.105615

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073783	.0308780	205.5366	.2682491	.0504603	1.244410	197.2181
Stddev	.0001656	.0001466	.2467	.0036770	.0003884	.005552	.1859
%RSD	2.243989	.4747961	.1200161	1.370725	.7697503	.4461511	.0942647

#1	.0075580	.0309809	205.3880	.2721173	.0501415	1.244553	197.1735
#2	.0073450	.0307101	205.8213	.2678308	.0503465	1.238787	197.0586
#3	.0072319	.0309429	205.4003	.2647991	.0508929	1.249888	197.4222

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.851708	68.76818	.1458201	-.012713	1.592666	.2419083	5.047083
Stddev	.004097	.29066	.0004704	.000306	.089467	.0015057	.067773
%RSD	.0844545	.4226729	.3225792	2.406228	5.617407	.6224074	1.342817

#1	4.852118	68.71897	.1462554	-.012407	1.489376	.2425975	5.071381
#2	4.847422	68.50527	.1458838	-.012712	1.645930	.2401814	4.970510
#3	4.855586	69.08031	.1453211	-.013019	1.642691	.2429459	5.099357

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.262396	56.23245	-.266125	.0214681	6.509235	10.90505	.0441880
Stddev	.031750	.16369	.001554	.0006432	.020278	.03584	.0016248
%RSD	.4371902	.2910944	.5840700	2.996238	.3115232	.3286695	3.677090

#1	7.256010	56.36714	-.267912	.0211548	6.527006	10.93432	.0453229
#2	7.234325	56.05027	-.265087	.0222080	6.487146	10.86508	.0423267
#3	7.296855	56.27995	-.265376	.0210416	6.513554	10.91576	.0449144

Sample Name: I5581-08 Acquired: 10/3/2017 19:51:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAGQ5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.042665	.0462615	.4014096
Stddev	.001497	.0001554	.0008623
%RSD	.1435900	.3358452	.2148074

#1	1.041458	.0464382	.4012825
#2	1.042196	.0461465	.4006180
#3	1.044341	.0461997	.4023284

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1111.434	1164.109	50763.54	11599.85	2290.406
Stddev	13.662	5.995	354.92	18.43	8.330
%RSD	1.229185	.5150023	.6991667	.1588634	.3636984

#1	1106.291	1157.601	50384.65	11595.74	2280.879
#2	1126.920	1169.406	51088.27	11619.99	2294.026
#3	1101.089	1165.320	50817.71	11583.83	2296.315

Sample Name: I5581-09 Acquired: 10/3/2017 19:55:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAH70 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1465680	-.038978	3.217072	-.011831	.0082293	103.0963
Stddev	.0061301	.001001	.076902	.002532	.0018849	.3061
%RSD	4.182411	2.567753	2.390440	21.40348	22.90533	.2969151

#1	.1536402	-.037875	3.225601	-.009533	.0066688	103.2779
#2	.1427748	-.039829	3.289354	-.014546	.0103235	103.2683
#3	.1432890	-.039231	3.136261	-.011414	.0076955	102.7429

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.400747	.0186121	.0295872	66.48172	.3541281	.1922654
Stddev	.007127	.0003600	.0006918	.38242	.0066157	.0050224
%RSD	.2095636	1.934069	2.338078	.5752235	1.868160	2.612219

#1	3.407504	.0189603	.0296923	66.06046	.3583893	.1929419
#2	3.401436	.0182414	.0302204	66.57766	.3574883	.1969153
#3	3.393301	.0186346	.0288489	66.80703	.3465067	.1869391

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5768499	266.6505	F 39.40941	14.44314	.1614403	-.013733
Stddev	.0032757	.5420	.07493	.09056	.0036990	.000510
%RSD	.5678615	.2032736	.1901233	.6270362	2.291224	3.714478

#1	.5806324	266.4198	39.36999	14.54706	.1630291	-.014118
#2	.5749558	267.2697	39.49582	14.38104	.1640795	-.013927
#3	.5749616	266.2620	39.36243	14.40133	.1572124	-.013154

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.077815	.4011899	4.454128	8.171576	65.06453	-.484574
Stddev	.015076	.0021101	.106990	.044469	1.43566	.004278
%RSD	.7255901	.5259662	2.402035	.5441885	2.206524	.8828540

#1	2.061683	.4020297	4.499679	8.222917	65.09486	-.486620
#2	2.080214	.4027508	4.530804	8.145181	66.48479	-.487445
#3	2.091548	.3987891	4.331901	8.146629	63.61394	-.479657

Sample Name: I5581-09 Acquired: 10/3/2017 19:55:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAH70 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101056	3.395969	12.92896	.0711381	.9889279	.0570828
Stddev	.0005143	.100381	.05439	.0036279	.0003410	.0007797
%RSD	5.089553	2.955884	.4207163	5.099748	.0344786	1.365983
#1	.0103964	3.410786	12.98544	.0721422	.9887918	.0579818
#2	.0104086	3.488117	12.92452	.0741582	.9893158	.0565898
#3	.0095117	3.289003	12.87692	.0671139	.9886759	.0566770

Elem	Sr4077
Units	ppm
Avg	.2183639
Stddev	.0004078
%RSD	.1867625
#1	.2188162
#2	.2182516
#3	.2180241

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1372.247	1413.285	61806.04	13392.80	2417.736
Stddev	36.635	17.861	1426.17	51.40	45.920
%RSD	2.669685	1.263783	2.307485	.3838027	1.899278
#1	1351.405	1412.335	60996.80	13343.90	2412.165
#2	1350.788	1395.918	60968.56	13388.11	2374.857
#3	1414.547	1431.602	63452.75	13446.38	2466.187

Sample Name: I5581-10 Acquired: 10/3/2017 19:59:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAH71 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0590761	-.025886	.1503642	-.002790	.0050017	119.9040	.8439726
Stddev	.0035849	.000522	.0015962	.007830	.0018613	.9962	.0059218
%RSD	6.068291	2.015719	1.061543	280.5940	37.21386	.8308721	.7016597

#1	.0612983	-.025645	.1499399	-.003355	.0046606	120.1131	.8480695
#2	.0549404	-.025528	.1521297	.005306	.0070100	120.7791	.8466653
#3	.0609895	-.026484	.1490231	-.010323	.0033346	118.8198	.8371829

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086704	.0074513	18.19741	.2062973	.0723425	.1113625	242.2385
Stddev	.0000723	.0003994	.16775	.0007322	.0006888	.0018599	2.5275
%RSD	.8342666	5.360177	.9218191	.3549227	.9520951	1.670127	1.043410

#1	.0086226	.0073975	18.25751	.2064526	.0715821	.1107402	241.5263
#2	.0087536	.0070816	18.32682	.2069394	.0725207	.1134537	245.0457
#3	.0086349	.0078749	18.00789	.2054999	.0729246	.1098935	240.1435

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.291212	6.526928	.0596942	-.015395	.9158807	.3711623	.2094622
Stddev	.089819	.095126	.0002812	.000781	.0274921	.0043597	.0042852
%RSD	1.083306	1.457439	.4710241	5.072275	3.001707	1.174615	2.045796

#1	8.257876	6.436282	.0594067	-.015929	.8927784	.3713946	.2124704
#2	8.392933	6.625976	.0599686	-.014499	.9085766	.3754012	.2045558
#3	8.222827	6.518526	.0597075	-.015758	.9462873	.3666911	.2113603

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.007161	9.510723	-.443099	.0021367	.1638771	15.56031	-.001353
Stddev	.043546	.098767	.004894	.0003794	.0131829	.13352	.000560
%RSD	.8696688	1.038484	1.104407	17.75523	8.044365	.8580628	41.35592

#1	5.045827	9.433784	-.437618	.0021413	.1746149	15.50878	-.000783
#2	5.015665	9.476286	-.447029	.0025138	.1491641	15.71192	-.001902
#3	4.959991	9.622098	-.444651	.0017551	.1678524	15.46024	-.001374

Sample Name: I5581-10 Acquired: 10/3/2017 19:59:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAH71 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8673538	.0279781	.0839125
Stddev	.0062487	.0001418	.0007457
%RSD	.7204311	.5066891	.8886735

#1	.8687142	.0279673	.0843477
#2	.8728102	.0281249	.0843383
#3	.8605369	.0278420	.0830514

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1278.577	1323.343	55999.27	12053.44	2672.174
Stddev	9.692	3.932	173.28	85.33	7.356
%RSD	.7579919	.2971526	.3094404	.7079057	.2752804

#1	1269.196	1321.314	55825.36	12071.38	2671.805
#2	1288.552	1327.875	56171.92	11960.56	2679.708
#3	1277.983	1320.840	56000.53	12128.36	2665.009

Sample Name: I5581-11 Acquired: 10/3/2017 20:03:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAH72 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0749332	-.034676	.1325699	-.006345	.0067822	128.2043	.7586949
Stddev	.0061304	.006080	.0044491	.003352	.0009496	.1954	.0012531
%RSD	8.181156	17.53408	3.356078	52.83031	14.00092	.1524479	.1651708

#1	.0712098	-.028974	.1357613	-.008181	.0068642	128.2763	.7600937
#2	.0715810	-.033979	.1344608	-.008377	.0057944	128.3535	.7583163
#3	.0820087	-.041074	.1274877	-.002476	.0076882	127.9830	.7576747

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069510	.0080059	19.51772	.1818455	.0773544	.1260586	279.4358
Stddev	.0002269	.0001685	.04813	.0014076	.0003317	.0007262	.7391
%RSD	3.263733	2.104484	.2466098	.7740569	.4287727	.5760837	.2645028

#1	.0068432	.0081766	19.50260	.1802931	.0772273	.1265003	278.7294
#2	.0067980	.0078397	19.47897	.1822051	.0771051	.1252204	280.2038
#3	.0072116	.0080015	19.57160	.1830385	.0777308	.1264550	279.3741

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.228982	6.831895	.0514432	-.018276	.9615811	.4103123	.2033880
Stddev	.041322	.009070	.0008219	.000134	.0139356	.0040187	.0024866
%RSD	.4477427	.1327568	1.597735	.7329360	1.449241	.9794308	1.222598

#1	9.191068	6.825361	.0512640	-.018213	.9561014	.4063416	.2005211
#2	9.273027	6.842250	.0507257	-.018185	.9512182	.4143774	.2049591
#3	9.222851	6.828073	.0523400	-.018430	.9774237	.4102179	.2046837

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.384379	14.85059	-.517042	.0044458	.0952180	2.170377	-.000705
Stddev	.024035	.04905	.003377	.0002818	.0009713	.001988	.000641
%RSD	.4463840	.3302573	.6531077	6.339300	1.020092	.0915799	90.85303

#1	5.407087	14.90721	-.513696	.0041637	.0945950	2.170314	-.001068
#2	5.386845	14.82316	-.520449	.0047274	.0963372	2.172395	-.001083
#3	5.359207	14.82139	-.516981	.0044463	.0947217	2.168422	.000035

Sample Name: I5581-11 Acquired: 10/3/2017 20:03:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAH72 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7341347	.0300618	.0921276
Stddev	.0011603	.0003068	.0002590
%RSD	.1580561	1.020589	.2811087

#1	.7337815	.0297703	.0924036
#2	.7354306	.0300333	.0920892
#3	.7331919	.0303819	.0918899

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1174.271	1216.417	51774.64	11263.60	2517.287
Stddev	7.095	3.530	193.74	32.82	5.092
%RSD	.6042144	.2902100	.3741972	.2914009	.2022955

#1	1173.922	1213.183	51715.83	11256.28	2511.781
#2	1167.357	1220.183	51617.11	11235.06	2518.254
#3	1181.535	1215.886	51990.96	11299.47	2521.828

Sample Name: I5581-12 Acquired: 10/3/2017 20:07:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAH73 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0743691	-.036405	.2595362	-.008016	.0053333	124.2827	.6751730
Stddev	.0069046	.003925	.0004876	.004267	.0015964	.3404	.0009446
%RSD	9.284197	10.78148	.1878612	53.22838	29.93289	.2738643	.1398995

#1	.0816594	-.032457	.2591430	-.009221	.0065943	124.6580	.6740968
#2	.0679289	-.036451	.2593840	-.011551	.0058673	123.9940	.6755575
#3	.0735191	-.040307	.2600818	-.003276	.0035384	124.1962	.6758647

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072374	.0092899	17.15236	.2488212	.1714998	.1288965	316.5272
Stddev	.0000593	.0003193	.05575	.0020901	.0013513	.0015784	1.6175
%RSD	.8200754	3.437080	.3250438	.8399914	.7878995	1.224508	.5110079

#1	.0071907	.0092228	17.09649	.2469115	.1707288	.1287381	318.3108
#2	.0072174	.0090094	17.15261	.2484979	.1707105	.1274033	315.1554
#3	.0073042	.0096374	17.20799	.2510540	.1730600	.1305481	316.1155

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.65039	5.507066	.0536922	-.019870	1.107556	.4646308	.1965448
Stddev	.10381	.027068	.0008415	.000166	.021990	.0077241	.0046435
%RSD	.4047121	.4915053	1.567202	.8359111	1.985427	1.662412	2.362546

#1	25.75587	5.508557	.0546583	-.020051	1.124688	.4724896	.1968548
#2	25.54833	5.533356	.0532985	-.019834	1.082760	.4570489	.2010255
#3	25.64698	5.479283	.0531197	-.019724	1.115221	.4643540	.1917541

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.844482	16.32004	-.585393	.0072038	-.223183	7.438733	.0000995
Stddev	.014037	.11628	.000358	.0003517	.004459	.024218	.0019476
%RSD	.2897426	.7125168	.0612272	4.881421	1.997735	.3255614	1957.541

#1	4.843161	16.27686	-.585782	.0076063	-.218516	7.464752	.0007019
#2	4.831153	16.45174	-.585319	.0070484	-.227399	7.416849	.0016747
#3	4.859132	16.23153	-.585077	.0069566	-.223633	7.434599	-.002078

Sample Name: I5581-12 Acquired: 10/3/2017 20:07:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAH73 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7452588	.0281395	.0844722
Stddev	.0038987	.0002378	.0002784
%RSD	.5231280	.8451612	.3295536

#1	.7483597	.0280245	.0847569
#2	.7408821	.0279811	.0842006
#3	.7465346	.0284130	.0844592

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1215.567	1270.972	53782.81	11702.06	2625.184
Stddev	13.243	5.000	126.87	35.94	7.838
%RSD	1.089478	.3933632	.2358878	.3071302	.2985724

#1	1204.350	1268.758	53643.06	11660.62	2624.725
#2	1212.173	1276.696	53814.64	11720.85	2633.241
#3	1230.177	1267.461	53890.73	11724.72	2617.585

Sample Name: I5581-13 Acquired: 10/3/2017 20:11:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAH74 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0734250	-.036113	.3736380	-.007231	.0045882	105.6746	1.668486
Stddev	.0045750	.002715	.0024141	.000684	.0018310	.1434	.002868
%RSD	6.230771	7.518375	.6461045	9.455457	39.90723	.1357104	.1718782

#1	.0782047	-.039132	.3745568	-.007377	.0031179	105.5100	1.665269
#2	.0729836	-.033871	.3708994	-.007831	.0040075	105.7732	1.670776
#3	.0690868	-.035336	.3754578	-.006487	.0066391	105.7405	1.669412

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115635	.0096758	18.16700	.2046265	.1690301	.1255465	244.4674
Stddev	.0001101	.0002463	.06736	.0010553	.0003270	.0018173	.6321
%RSD	.9520191	2.545433	.3707982	.5157227	.1934667	1.447507	.2585531

#1	.0115624	.0096509	18.24417	.2039811	.1691643	.1234491	244.1450
#2	.0116741	.0099337	18.11996	.2058444	.1686573	.1266530	244.0615
#3	.0114540	.0094430	18.13688	.2040541	.1692686	.1265374	245.1957

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.15706	5.854404	.0800936	-.015055	.9948704	.3768837	.3284766
Stddev	.04978	.020632	.0010210	.000593	.0442514	.0011046	.0047514
%RSD	.1768063	.3524136	1.274774	3.938750	4.447951	.2930903	1.446503

#1	28.15389	5.834258	.0792156	-.015628	.9438108	.3776772	.3337716
#2	28.10894	5.853466	.0812140	-.015093	1.022093	.3756221	.3270735
#3	28.20836	5.875489	.0798512	-.014444	1.018708	.3773518	.3245848

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.060785	10.84006	-.458315	.0031616	.0249420	3.947995	.0024953
Stddev	.061789	.02590	.001901	.0001803	.0056438	.002504	.0010040
%RSD	1.220935	.2389331	.4147013	5.702940	22.62777	.0634221	40.23394

#1	4.994270	10.81042	-.459995	.0033587	.0262496	3.946159	.0013795
#2	5.071687	10.85833	-.458699	.0031210	.0298171	3.950847	.0033255
#3	5.116397	10.85143	-.456252	.0030050	.0187591	3.946979	.0027810

Sample Name: I5581-13 Acquired: 10/3/2017 20:11:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAH74 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5525058	.0231599	.0734149
Stddev	.0016634	.0001353	.0001483
%RSD	.3010735	.5841343	.2019475

#1	.5513577	.0230210	.0732661
#2	.5544134	.0232913	.0734159
#3	.5517462	.0231673	.0735626

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1301.153	1338.971	57255.66	12425.43	2595.558
Stddev	3.652	6.136	42.01	15.57	8.835
%RSD	.2806575	.4582462	.0733697	.1252900	.3403716

#1	1297.181	1345.477	57223.98	12427.10	2603.297
#2	1304.364	1333.289	57303.31	12409.09	2597.444
#3	1301.915	1338.148	57239.70	12440.09	2585.932

Sample Name: I5581-14 Acquired: 10/3/2017 20:15:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAH95 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0736970	-.039568	.2851334	-.007932	.0057103	155.4096	1.013554
Stddev	.0085191	.001516	.0032715	.010337	.0009722	.2691	.002632
%RSD	11.55966	3.831254	1.147341	130.3182	17.02455	.1731248	.2597188

#1	.0641767	-.041279	.2816700	-.013641	.0045928	155.1614	1.014632
#2	.0806015	-.039034	.2881712	-.014154	.0061774	155.6955	1.015476
#3	.0763127	-.038391	.2855591	.004000	.0063608	155.3719	1.010553

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088598	.0105412	15.47097	.3680026	.1637451	.1349754	326.4334
Stddev	.0001989	.0002564	.04767	.0025730	.0000434	.0012643	.6632
%RSD	2.245060	2.432282	.3081259	.6991817	.0265080	.9366748	.2031513

#1	.0086389	.0105102	15.48010	.3651517	.1637935	.1335383	326.3262
#2	.0089156	.0108117	15.41939	.3687037	.1637323	.1354714	325.8304
#3	.0090248	.0103017	15.51341	.3701524	.1637096	.1359164	327.1437

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.47227	7.558643	.1483453	-.020109	1.115000	.5490533	.2860416
Stddev	.05071	.098625	.0001257	.000356	.043923	.0041284	.0064686
%RSD	.2477012	1.304793	.0847453	1.771465	3.939293	.7519137	2.261434

#1	20.44464	7.666365	.1482186	-.020289	1.165102	.5453714	.2785735
#2	20.44138	7.536780	.1484700	-.020340	1.083124	.5535165	.2898906
#3	20.53079	7.472785	.1483474	-.019699	1.096773	.5482718	.2896609

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.292113	8.998230	-.601852	.0032149	.9873179	15.51485	.0056913
Stddev	.018217	.036426	.003848	.0002187	.0041454	.01052	.0007539
%RSD	.3442266	.4048077	.6393433	6.801683	.4198684	.0677953	13.24594

#1	5.271585	8.979719	-.606184	.0033674	.9828486	15.52131	.0062683
#2	5.306352	8.974776	-.600539	.0033131	.9910369	15.52053	.0048383
#3	5.298403	9.040193	-.598832	.0029644	.9880683	15.50271	.0059672

Sample Name: I5581-14 Acquired: 10/3/2017 20:15:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAH95 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.126375	.0381123	.0771257
Stddev	.001858	.0003119	.0003305
%RSD	.1649782	.8184611	.4285746

#1	1.124231	.0380311	.0769482
#2	1.127369	.0384568	.0775070
#3	1.127525	.0378490	.0769217

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1198.286	1245.225	53019.62	11531.69	2520.202
Stddev	1.570	3.615	248.85	23.28	1.898
%RSD	.1310288	.2903173	.4693606	.2018634	.0753079

#1	1200.010	1241.154	53243.05	11506.90	2518.124
#2	1196.938	1248.060	52751.42	11553.08	2520.636
#3	1197.910	1246.461	53064.38	11535.08	2521.845

Sample Name: I5581-15 Acquired: 10/3/2017 20:19:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAH96 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2480715	-.051721	2.748212	-.001083	.0149927	81.50377	4.220760
Stddev	.0070631	.000796	.021475	.000586	.0006383	.14454	.001504
%RSD	2.847201	1.538324	.7814267	54.05822	4.257604	.1773445	.0356274

#1	.2401463	-.052389	2.758925	-.000543	.0144184	81.45621	4.220692
#2	.2537015	-.051933	2.762223	-.001001	.0148796	81.38900	4.222297
#3	.2503668	-.050841	2.723487	-.001705	.0156800	81.66610	4.219292

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0144345	.0290419	63.67103	.3789884	.1397439	.8799801	377.1446
Stddev	.0001368	.0002511	.20446	.0024970	.0016312	.0018227	1.2519
%RSD	.9474578	.8647623	.3211147	.6588658	1.167263	.2071302	.3319314

#1	.0143744	.0288500	63.45260	.3769309	.1410262	.8818259	377.1186
#2	.0143381	.0293262	63.70265	.3817665	.1402974	.8781815	375.9059
#3	.0145910	.0289496	63.85783	.3782679	.1379080	.8799328	378.4092

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.19324	6.070988	.1195007	-.022191	1.947261	.5509010	4.740725
Stddev	.08239	.053138	.0011060	.000444	.053961	.0050970	.027084
%RSD	.5805213	.8752772	.9255517	2.000830	2.771132	.9252159	.5713128

#1	14.18841	6.096847	.1207779	-.022352	1.916538	.5475046	4.771992
#2	14.11337	6.009870	.1188667	-.022531	2.009568	.5484365	4.725689
#3	14.27795	6.106247	.1188576	-.021689	1.915677	.5567619	4.724494

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.211045	116.3087	-.688104	.0197704	7.738552	2.684708	.1617136
Stddev	.082461	1.0165	.004871	.0006330	.092258	.019440	.0015880
%RSD	1.143538	.8739640	.7078731	3.201578	1.192187	.7240907	.9819578

#1	7.263062	117.0080	-.686647	.0204016	7.804088	2.677747	.1599518
#2	7.115968	116.7755	-.684128	.0191357	7.778517	2.669707	.1630346
#3	7.254105	115.1427	-.693537	.0197740	7.633049	2.706670	.1621544

Sample Name: I5581-15 Acquired: 10/3/2017 20:19:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAH96 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9321710	.1095404	.6320998
Stddev	.0029942	.0003687	.0010637
%RSD	.3212031	.3365582	.1682838

#1	.9325520	.1097666	.6332539
#2	.9290046	.1091150	.6311587
#3	.9349565	.1097397	.6318867

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1270.345	1331.107	57115.91	12498.03	2557.210
Stddev	11.925	8.435	134.44	58.14	18.453
%RSD	.9387516	.6337149	.2353743	.4651647	.7216224

#1	1258.608	1323.732	56973.50	12482.13	2545.501
#2	1282.450	1329.284	57240.63	12562.46	2547.647
#3	1269.976	1340.305	57133.59	12449.50	2578.482

Sample Name: I5581-16 Acquired: 10/3/2017 20:23:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAH97 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1323529	-.065883	1.981338	-.019971	.0133291	82.58156
Stddev	.0071901	.000897	.010586	.003488	.0022573	.11376
%RSD	5.432547	1.360796	.5342979	17.46347	16.93547	.1377560

#1	.1265315	-.064865	1.979976	-.017514	.0110028	82.50539
#2	.1403901	-.066226	1.971499	-.018437	.0134739	82.52697
#3	.1301371	-.066557	1.992540	-.023963	.0155106	82.71233

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.714380	.0152121	.0313896	89.08272	.4167883	.2859228
Stddev	.003969	.0001915	.0005450	.18047	.0010061	.0016066
%RSD	.0841933	1.258687	1.736142	.2025910	.2413950	.5618926

#1	4.711026	.0150068	.0311149	88.94530	.4158453	.2851825
#2	4.718762	.0152435	.0310366	89.01575	.4178474	.2848198
#3	4.713352	.0153859	.0320172	89.28710	.4166722	.2877661

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5387378	473.5095	F 52.59199	33.16802	.2526577	-.031828
Stddev	.0012837	.9350	.16027	.04179	.0024531	.000807
%RSD	.2382800	.1974554	.3047442	.1259998	.9709254	2.536978

#1	.5390759	473.6832	52.59741	33.15283	.2533597	-.032193
#2	.5373188	472.4998	52.42908	33.21529	.2499301	-.032389
#3	.5398186	474.3454	52.74948	33.13595	.2546833	-.030902

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.853550	.5434147	2.898974	6.232522	69.34191	-.886798
Stddev	.026719	.0045768	.015880	.043996	.99033	.008324
%RSD	1.441507	.8422366	.5477696	.7059131	1.428191	.9386742

#1	1.881793	.5414818	2.891667	6.198254	68.25757	-.886545
#2	1.828673	.5401213	2.888064	6.282136	69.56958	-.878603
#3	1.850186	.5486408	2.917192	6.217176	70.19858	-.895245

Sample Name: I5581-16 Acquired: 10/3/2017 20:23:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAH97 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0380511	2.944790	2.807138	.0628821	.5928009	.0566024
Stddev	.0004893	.054454	.011168	.0007302	.0028024	.0004261
%RSD	1.285929	1.849165	.3978263	1.161214	.4727431	.7527336

#1	.0374912	2.895663	2.809143	.0620445	.5934194	.0566010
#2	.0382656	2.935366	2.795104	.0633848	.5897409	.0570292
#3	.0383965	3.003341	2.817167	.0632169	.5952424	.0561771

Elem	Sr4077
Units	ppm
Avg	.1960427
Stddev	.0000853
%RSD	.0435250

#1	.1959979
#2	.1959890
#3	.1961410

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1247.314	1290.692	55811.16	12214.16	2390.100
Stddev	5.779	6.594	46.36	26.97	14.154
%RSD	.4633270	.5109124	.0830656	.2208417	.5921790

#1	1252.772	1297.640	55839.68	12231.52	2401.885
#2	1247.908	1289.916	55757.67	12227.87	2394.013
#3	1241.260	1284.520	55836.13	12183.09	2374.401

Sample Name: I5581-17 Acquired: 10/3/2017 20:27:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAH98 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0904706	-.048442	1.738262	-.002655	.0088481	84.66002	1.915171
Stddev	.0004796	.001271	.005023	.003340	.0027247	.11272	.002550
%RSD	.5301009	2.623971	.2889433	125.8121	30.79421	.1331476	.1331644

#1	.0899849	-.047618	1.739435	-.006051	.0057046	84.53304	1.912579
#2	.0904831	-.047802	1.742594	-.002538	.0105320	84.74829	1.917677
#3	.0909438	-.049906	1.732756	.000625	.0103078	84.69873	1.915256

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0143800	.0204311	127.6428	.3994151	.0832093	.3727470	313.4409
Stddev	.0001409	.0002102	.7044	.0023835	.0003907	.0022362	.7155
%RSD	.9795308	1.028909	.5518792	.5967502	.4695599	.5999347	.2282716

#1	.0143391	.0205872	126.9458	.4017626	.0828505	.3703271	312.9802
#2	.0142642	.0205141	127.6282	.3969972	.0836256	.3747372	313.0772
#3	.0145368	.0201921	128.3544	.3994855	.0831519	.3731768	314.2651

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.896016	24.08417	.1417000	-.021758	1.385313	.4200672	2.933967
Stddev	.024691	.06553	.0003013	.000816	.067335	.0025627	.030991
%RSD	.2775476	.2720671	.2126373	3.748707	4.860641	.6100720	1.056295

#1	8.869359	24.04949	.1420019	-.022699	1.424395	.4171669	2.969723
#2	8.900588	24.15975	.1413993	-.021280	1.307561	.4210084	2.914817
#3	8.918101	24.04327	.1416989	-.021294	1.423982	.4220262	2.917362

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.977955	70.45521	-.573272	.0153809	3.845586	3.397512	.0515965
Stddev	.023747	.23250	.005192	.0000413	.028635	.023367	.0011555
%RSD	.3972487	.3299960	.9056788	.2683815	.7446134	.6877594	2.239473

#1	5.953064	70.59108	-.567334	.0153404	3.849447	3.370660	.0527084
#2	6.000364	70.58780	-.576957	.0153795	3.872094	3.413226	.0516794
#3	5.980438	70.18675	-.575526	.0154229	3.815217	3.408650	.0504018

Sample Name: I5581-17 Acquired: 10/3/2017 20:27:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAH98 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6849409	.0524303	.2325043
Stddev	.0015144	.0004302	.0006403
%RSD	.2210933	.8205065	.2753771

#1	.6832632	.0528736	.2318735
#2	.6862067	.0524029	.2324858
#3	.6853529	.0520145	.2331536

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1264.994	1304.562	56646.44	12505.21	2471.451
Stddev	11.587	3.641	446.87	56.62	5.572
%RSD	.9160103	.2790863	.7888738	.4527407	.2254610

#1	1253.418	1307.511	56205.74	12569.94	2468.816
#2	1264.972	1300.492	56634.35	12464.87	2467.686
#3	1276.593	1305.682	57099.23	12480.83	2477.853

Sample Name: I5581-18 Acquired: 10/3/2017 20:31:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAH99 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0916347	-.048406	1.291254	-.008480	.0091136	60.39484	1.878883
Stddev	.0024393	.001875	.004005	.001627	.0011642	.05963	.007331
%RSD	2.662033	3.872547	.3101815	19.18398	12.77385	.0987286	.3901876

#1	.0888204	-.047439	1.287375	-.008068	.0083806	60.41804	1.886833
#2	.0931435	-.050566	1.295375	-.007098	.0085042	60.43938	1.877427
#3	.0929402	-.047212	1.291013	-.010273	.0104560	60.32710	1.872389

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124115	.0220907	80.43958	.1962076	.0996026	.9690848	313.3057
Stddev	.0001375	.0001124	.03655	.0009573	.0003876	.0043094	.5245
%RSD	1.107460	.5087742	.0454318	.4879198	.3891794	.4446862	.1673944

#1	.0124634	.0220231	80.44513	.1953603	.0992740	.9733431	312.7103
#2	.0122557	.0220287	80.40058	.1972461	.1000301	.9647260	313.6993
#3	.0125155	.0222205	80.47304	.1960164	.0995036	.9691853	313.5074

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.02020	27.16119	.1222899	-.020366	1.389187	.3263786	3.093178
Stddev	.04276	.02837	.0004881	.000318	.041901	.0024876	.015539
%RSD	.2669320	.1044362	.3991421	1.559787	3.016229	.7621811	.5023547

#1	15.97252	27.13252	.1228201	-.020729	1.436827	.3286917	3.089091
#2	16.05516	27.18924	.1221904	-.020140	1.358051	.3266970	3.080092
#3	16.03290	27.16181	.1218592	-.020229	1.372684	.3237471	3.110352

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.991110	53.06788	-.566087	.0050845	3.899367	3.834448	.0367712
Stddev	.057151	.18391	.006042	.0005888	.011822	.015896	.0018568
%RSD	.8174814	.3465534	1.067263	11.57957	.3031761	.4145611	5.049721

#1	7.055131	53.03704	-.571724	.0046231	3.886669	3.846929	.0352708
#2	6.972960	53.26526	-.566827	.0048829	3.910055	3.839863	.0388479
#3	6.945237	52.90134	-.559709	.0057477	3.901376	3.816552	.0361951

Sample Name: I5581-18 Acquired: 10/3/2017 20:31:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAH99 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4129803	.0385772	.1831420
Stddev	.0005687	.0007036	.0005416
%RSD	.1377025	1.823840	.2956979

#1	.4124397	.0380037	.1836758
#2	.4135734	.0383657	.1831572
#3	.4129277	.0393623	.1825931

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1228.778	1282.178	56078.07	12384.99	2432.371
Stddev	3.999	3.355	178.20	30.61	6.814
%RSD	.3254392	.2616314	.3177789	.2471504	.2801213

#1	1229.466	1278.683	56273.63	12358.34	2436.692
#2	1232.389	1282.478	56035.75	12378.20	2424.517
#3	1224.480	1285.372	55924.84	12418.42	2435.905

Sample Name: I5581-19 Acquired: 10/3/2017 20:35:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAHA0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1233328	-.051862	1.541748	-.009973	.0101710	91.32226	2.086536
Stddev	.0019972	.002261	.005939	.005217	.0019658	.08720	.008148
%RSD	1.619391	4.359211	.3851933	52.30702	19.32797	.0954806	.3904936

#1	.1246764	-.052592	1.539390	-.006041	.0081031	91.31474	2.081574
#2	.1210377	-.049326	1.537349	-.015891	.0103941	91.41297	2.095940
#3	.1242843	-.053667	1.548503	-.007987	.0120157	91.23907	2.082094

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0153446	.0238045	81.50298	.3711400	.1294250	.4276340	371.6444
Stddev	.0000621	.0001764	.31004	.0017269	.0001458	.0028132	1.1088
%RSD	.4048073	.7410047	.3804014	.4652887	.1126775	.6578500	.2983430

#1	.0152899	.0239046	81.57793	.3707644	.1294659	.4253714	372.0233
#2	.0153318	.0236008	81.16233	.3730237	.1292631	.4307838	370.3959
#3	.0154121	.0239081	81.76867	.3696317	.1295460	.4267466	372.5141

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.26069	22.91177	.1319147	-.023535	1.562991	.4878947	2.821362
Stddev	.06474	.08291	.0010861	.000285	.087046	.0014496	.003104
%RSD	.3545349	.3618736	.8233646	1.209925	5.569178	.2971120	.1100293

#1	18.27184	22.88601	.1309027	-.023540	1.634705	.4895644	2.822421
#2	18.19109	23.00450	.1317791	-.023818	1.588124	.4871617	2.817867
#3	18.31912	22.84480	.1330623	-.023248	1.466144	.4869581	2.823799

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.006699	47.26430	-.690811	.0083592	4.904271	8.573268	.0840355
Stddev	.014916	.54795	.002468	.0005058	.040767	.014273	.0009773
%RSD	.1862899	1.159332	.3573188	6.050268	.8312462	.1664816	1.162949

#1	8.010109	46.99655	-.693010	.0082938	4.872497	8.586386	.0832234
#2	8.019614	46.90171	-.688141	.0078894	4.890079	8.558069	.0837630
#3	7.990374	47.89464	-.691282	.0088945	4.950236	8.575350	.0851201

Sample Name: I5581-19 Acquired: 10/3/2017 20:35:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAHA0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6001125	.0597099	.1804427
Stddev	.0018659	.0004700	.0001357
%RSD	.3109262	.7870537	.0751803

#1	.6018955	.0596291	.1803025
#2	.6002686	.0602151	.1804524
#3	.5981735	.0592857	.1805733

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1256.738	1309.809	56770.27	12429.65	2431.381
Stddev	3.126	7.812	118.95	20.37	11.134
%RSD	.2487405	.5964105	.2095283	.1638966	.4579225

#1	1259.189	1303.070	56636.69	12409.28	2428.236
#2	1257.806	1318.371	56864.73	12450.03	2443.749
#3	1253.217	1307.986	56809.41	12429.64	2422.157

Sample Name: I5581-20 Acquired: 10/3/2017 20:39:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAHA1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1165359	-.056580	1.535541	-.010350	.0083815	86.23840	2.033299
Stddev	.0029421	.002358	.003641	.002009	.0028681	.29030	.005137
%RSD	2.524642	4.166869	.2370900	19.40914	34.21996	.3366212	.2526538

#1	.1181177	-.058323	1.531801	-.012350	.0113878	86.44024	2.033022
#2	.1131413	-.053897	1.539073	-.010367	.0080814	85.90571	2.028305
#3	.1183488	-.057519	1.535748	-.008333	.0056752	86.36925	2.038569

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0148909	.0285687	123.5163	.3994125	.1460812	.5191864	383.6754
Stddev	.0002430	.0001613	.5681	.0011336	.0007914	.0031525	2.7544
%RSD	1.631650	.5645017	.4599381	.2838266	.5417680	.6072051	.7178889

#1	.0150226	.0286242	123.3223	.3984941	.1469947	.5181700	385.5854
#2	.0146105	.0286948	123.0707	.4006795	.1456012	.5166675	380.5180
#3	.0150396	.0283870	124.1560	.3990639	.1456478	.5227218	384.9228

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.27733	33.29895	.2854006	-.024457	1.619090	.4336652	3.557968
Stddev	.13733	.27988	.0004989	.000216	.055001	.0031105	.010831
%RSD	.8437163	.8405034	.1748132	.8831695	3.397050	.7172512	.3044257

#1	16.36407	33.49872	.2849893	-.024304	1.610438	.4362389	3.553551
#2	16.11899	32.97907	.2859556	-.024704	1.677905	.4302087	3.550042
#3	16.34894	33.41908	.2852568	-.024364	1.568928	.4345479	3.570310

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.594710	44.32926	-.711179	.0093679	4.863084	9.727576	.1635884
Stddev	.021760	.30663	.003345	.0002253	.032232	.049441	.0039606
%RSD	.2531823	.6917072	.4704037	2.405034	.6627982	.5082566	2.421064

#1	8.582135	44.56845	-.708774	.0096034	4.899888	9.746403	.1637903
#2	8.582157	44.43576	-.709765	.0093460	4.849480	9.671488	.1595308
#3	8.619836	43.98359	-.715000	.0091544	4.839884	9.764839	.1674442

Sample Name: I5581-20 Acquired: 10/3/2017 20:39:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAHA1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5848882	.0661214	.2113599
Stddev	.0034003	.0002729	.0007264
%RSD	.5813542	.4127088	.3436799

#1	.5881892	.0661028	.2119412
#2	.5813967	.0658583	.2105456
#3	.5850787	.0664031	.2115928

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1293.269	1341.622	58323.23	12711.89	2448.057
Stddev	4.817	5.159	30.60	89.20	6.124
%RSD	.3724300	.3845063	.0524613	.7017433	.2501698

#1	1288.554	1335.767	58288.40	12635.33	2441.347
#2	1293.072	1343.601	58345.79	12809.84	2449.479
#3	1298.181	1345.498	58335.49	12690.49	2453.345

Sample Name: I5581-21 Acquired: 10/3/2017 20:43:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAHA2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1369823	-.042077	8.152933	-.007119	.0068800	67.58207	6.536552
Stddev	.0038211	.003468	.020059	.003504	.0017342	.16794	.024986
%RSD	2.789464	8.241665	.2460393	49.22533	25.20567	.2484997	.3822536

#1	.1330509	-.045419	8.173157	-.005853	.0065874	67.71478	6.562013
#2	.1406825	-.038495	8.133042	-.011080	.0053108	67.63816	6.535575
#3	.1372136	-.042316	8.152599	-.004423	.0087419	67.39325	6.512069

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0137521	.0724293	143.3054	.5255206	.1240929	.6170666	263.5793
Stddev	.0000896	.0004288	.3255	.0034735	.0005854	.0023987	.1410
%RSD	.6512162	.5920365	.2271192	.6609690	.4717629	.3887313	.0534788

#1	.0138549	.0720115	143.2001	.5220109	.1241252	.6185778	263.7074
#2	.0136914	.0724080	143.0455	.5289568	.1234919	.6183212	263.6021
#3	.0137099	.0728683	143.6704	.5255939	.1246614	.6143008	263.4283

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.55395	35.05991	.1567721	-.015808	2.230053	.2568509	12.11934
Stddev	.00325	.11072	.0010693	.000329	.042435	.0001819	.12866
%RSD	.0258772	.3158131	.6820637	2.081238	1.902855	.0707986	1.061598

#1	12.55511	35.09842	.1570705	-.015699	2.272439	.2570495	12.07255
#2	12.55028	35.14625	.1555853	-.015548	2.230150	.2566925	12.02063
#3	12.55646	34.93508	.1576605	-.016178	2.187570	.2568108	12.26485

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.977559	50.90442	-.437189	.0075900	7.079993	3.850033	.0721221
Stddev	.043410	.23512	.003877	.0004872	.018266	.012955	.0009316
%RSD	.5441565	.4618772	.8866966	6.419004	.2579900	.3364947	1.291681

#1	8.005780	50.91259	-.436164	.0074400	7.082280	3.835354	.0714921
#2	7.999325	51.13535	-.441475	.0081346	7.097008	3.859869	.0716820
#3	7.927571	50.66533	-.433928	.0071955	7.060692	3.854874	.0731922

Sample Name: I5581-21 Acquired: 10/3/2017 20:43:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAHA2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7285881	.0562576	.3854594
Stddev	.0024152	.0002229	.0011462
%RSD	.3314963	.3961168	.2973575

#1	.7305089	.0565121	.3863985
#2	.7293788	.0560979	.3857974
#3	.7258766	.0561627	.3841822

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1255.336	1301.970	56648.57	12525.46	2439.967
Stddev	9.305	4.184	159.60	24.37	5.365
%RSD	.7412242	.3213765	.2817415	.1945857	.2198803

#1	1254.761	1306.108	56499.23	12501.37	2441.787
#2	1264.915	1302.060	56816.76	12550.11	2444.184
#3	1246.332	1297.741	56629.72	12524.91	2433.928

Sample Name: I5581-22 Acquired: 10/3/2017 20:47:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAHA3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0810588	-.031326	.3093048	-.007807	.0061357	84.09179	.5608200
Stddev	.0009282	.003564	.0030620	.001626	.0012609	.21765	.0013712
%RSD	1.145133	11.37800	.9899488	20.82941	20.55008	.2588232	.2444904

#1	.0808012	-.028535	.3058936	-.009585	.0074363	83.84059	.5624007
#2	.0802867	-.030101	.3102051	-.006397	.0060519	84.21060	.5599523
#3	.0820887	-.035341	.3118157	-.007438	.0049187	84.22418	.5601069

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078033	.0093370	18.27758	.5130840	.1622439	.1162550	289.4324
Stddev	.0000889	.0003320	.09572	.0028791	.0009061	.0003393	1.3994
%RSD	1.139239	3.555308	.5237192	.5611327	.5584871	.2918641	.4834966

#1	.0078919	.0089866	18.30294	.5153245	.1620810	.1159801	287.8503
#2	.0077141	.0096468	18.35808	.5098368	.1614304	.1161506	290.5080
#3	.0078039	.0093776	18.17174	.5140908	.1632205	.1166342	289.9390

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.393690	4.246938	.0491808	-.019782	1.099822	.5470111	.2915719
Stddev	.038322	.030352	.0006073	.000282	.040884	.0022769	.0011523
%RSD	.5993648	.7146772	1.234884	1.425038	3.717298	.4162533	.3952095

#1	6.349717	4.280711	.0492294	-.020102	1.089022	.5458395	.2903334
#2	6.419951	4.221940	.0497624	-.019572	1.145021	.5455586	.2926124
#3	6.411404	4.238164	.0485507	-.019670	1.065422	.5496353	.2917699

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.512857	6.373870	-.537609	.0102499	.1559348	3.114567	.0049507
Stddev	.028751	.061692	.002423	.0001456	.0048421	.010377	.0006413
%RSD	1.144166	.9678965	.4507680	1.420112	3.105185	.3331674	12.95298

#1	2.495439	6.339381	-.536016	.0103753	.1574824	3.110076	.0056746
#2	2.497090	6.337135	-.540398	.0100903	.1505081	3.126432	.0047232
#3	2.546043	6.445095	-.536414	.0102843	.1598139	3.107191	.0044542

Sample Name: I5581-22 Acquired: 10/3/2017 20:47:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAHA3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6235870	.0276384	.0680384
Stddev	.0037598	.0002982	.0001213
%RSD	.6029332	1.078754	.1782023

#1	.6192644	.0275351	.0681052
#2	.6253976	.0274057	.0681115
#3	.6260989	.0279745	.0678984

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1259.291	1301.567	55452.55	12018.59	2643.910
Stddev	12.282	3.649	132.82	57.37	6.732
%RSD	.9753381	.2803907	.2395251	.4773109	.2546404

#1	1270.688	1305.715	55532.48	12051.25	2648.902
#2	1246.282	1300.137	55299.23	11952.36	2646.576
#3	1260.903	1298.849	55525.95	12052.17	2636.253

Sample Name: I5581-23 Acquired: 10/3/2017 20:52:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAHA4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0864191	-.036268	.2648410	-.003466	.0072322	92.01712	.3264639
Stddev	.0043975	.001735	.0010773	.003939	.0013216	.22996	.0005632
%RSD	5.088602	4.783731	.4067891	113.6220	18.27378	.2499051	.1725213

#1	.0907688	-.036098	.2637074	-.001515	.0086620	92.27488	.3269759
#2	.0819753	-.034624	.2658515	-.008000	.0060553	91.94343	.3265552
#3	.0865134	-.038082	.2649640	-.000885	.0069794	91.83304	.3258606

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084914	.0113008	18.44171	.7206611	.1298223	.1230761	359.9937
Stddev	.0000495	.0000394	.04745	.0013804	.0002969	.0006383	1.5962
%RSD	.5835166	.3486321	.2572861	.1915519	.2286816	.5186275	.4433974

#1	.0084415	.0112879	18.40546	.7220717	.1294797	.1235616	358.6965
#2	.0084922	.0113450	18.49541	.7205986	.1300033	.1233135	359.5085
#3	.0085406	.0112695	18.42425	.7193129	.1299840	.1223531	361.7763

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.283621	3.782987	.0411853	-.023428	1.168652	.6566235	.4853148
Stddev	.018548	.041315	.0006150	.000138	.029611	.0038265	.0099251
%RSD	.4330053	1.092116	1.493309	.5888518	2.533762	.5827536	2.045082

#1	4.267196	3.823669	.0418909	-.023464	1.143777	.6545294	.4745302
#2	4.279929	3.741068	.0407629	-.023276	1.160773	.6610400	.4873492
#3	4.303738	3.784224	.0409021	-.023545	1.201405	.6543012	.4940651

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.643699	6.440073	-.671993	.0048613	.1116335	3.334888	.0032645
Stddev	.016761	.051081	.002601	.0001716	.0067736	.019476	.0013834
%RSD	1.019729	.7931784	.3870415	3.529412	6.067717	.5839943	42.37778

#1	1.633292	6.465569	-.669174	.0046635	.1184705	3.321030	.0039522
#2	1.663034	6.381263	-.674299	.0049694	.1115049	3.326478	.0041692
#3	1.634770	6.473388	-.672507	.0049510	.1049251	3.357155	.0016720

Sample Name: I5581-23 Acquired: 10/3/2017 20:52:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAHA4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6909317	.0245809	.0668651
Stddev	.0009462	.0001495	.0000923
%RSD	.1369402	.6083203	.1381042

#1	.6919292	.0246998	.0667888
#2	.6900470	.0246298	.0669677
#3	.6908190	.0244130	.0668386

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1202.384	1236.049	53317.36	11592.61	2568.386
Stddev	6.080	7.839	156.38	42.56	7.128
%RSD	.5056610	.6342180	.2932977	.3671251	.2775153

#1	1208.010	1239.307	53494.85	11622.08	2570.982
#2	1195.934	1241.734	53199.82	11611.93	2573.852
#3	1203.209	1227.106	53257.43	11543.82	2560.324

Sample Name: I5407-01 Acquired: 10/3/2017 20:56:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BF6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0469135	-.008855	.4375935	.0031754	.0014874	75.79200	.4170850
Stddev	.0024243	.002120	.0018815	.0019926	.0003792	1.12210	.0068587
%RSD	5.167600	23.94497	.4299637	62.75241	25.49374	1.480495	1.644429

#1	.0497129	-.008757	.4358078	.0013032	.0012657	75.32558	.4126822
#2	.0455237	-.006786	.4374146	.0029532	.0019253	77.07207	.4249875
#3	.0455041	-.011023	.4395580	.0052699	.0012712	74.97832	.4135854

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026782	.0021548	91.35768	.0968386	.0123035	.0857522	61.60431
Stddev	.0000569	.0000568	1.39078	.0006096	.0004187	.0025414	.82292
%RSD	2.125148	2.634533	1.522350	.6295464	3.402806	2.963606	1.335812

#1	.0027435	.0020901	90.23229	.0961403	.0118864	.0846879	61.35857
#2	.0026388	.0021782	92.91255	.0972651	.0123004	.0886527	62.52211
#3	.0026524	.0021962	90.92821	.0971103	.0127237	.0839161	60.93226

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3422933	8.331508	.0449106	-.003998	.8150948	.1459308	.4375066
Stddev	.0046750	.090984	.0001430	.000141	.0624150	.0029015	.0039502
%RSD	1.365786	1.092043	.3184784	3.536228	7.657396	1.988302	.9028991

#1	.3391174	8.303527	.0447914	-.003869	.8768082	.1485362	.4409828
#2	.3476616	8.433196	.0450692	-.003978	.7520010	.1428039	.4383260
#3	.3401010	8.257802	.0448712	-.004149	.8164753	.1464522	.4332109

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.325102	11.48296	-.092567	.0096009	2.338535	17.91977	.0013020
Stddev	.034992	.10286	.001417	.0002764	.009892	.16990	.0004037
%RSD	1.504959	.8957662	1.530504	2.878920	.4230002	.9481320	31.00789

#1	2.306529	11.37574	-.093852	.0095681	2.330660	17.87083	.0014587
#2	2.365465	11.49233	-.092802	.0093424	2.335307	18.10877	.0008435
#3	2.303314	11.58082	-.091047	.0098923	2.349638	17.77971	.0016040

Sample Name: I5407-01 Acquired: 10/3/2017 20:56:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0BF6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8780179	.0386279	.2968432
Stddev	.0109976	.0004442	.0042569
%RSD	1.252550	1.149940	1.434061

#1	.8744164	.0381401	.2944297
#2	.8903647	.0390091	.3017583
#3	.8692725	.0387344	.2943414

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1195.262	1236.257	53284.69	11632.84	2590.897
Stddev	.291	6.529	76.50	139.30	13.106
%RSD	.0243475	.5281314	.1435776	1.197431	.5058495

#1	1195.486	1243.783	53310.64	11667.97	2603.242
#2	1195.367	1232.880	53198.58	11479.34	2592.305
#3	1194.933	1232.108	53344.84	11751.20	2577.144

Sample Name: I5407-02 Acquired: 10/3/2017 21:00:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BF7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0361213	-.013233	.1293728	.0040046	.0028674	95.06124	.3479113
Stddev	.0010250	.001297	.0040968	.0030629	.0009144	.27154	.0013420
%RSD	2.837737	9.803062	3.166675	76.48514	31.88997	.2856505	.3857234

#1	.0350150	-.013920	.1262025	.0070077	.0020369	95.03524	.3490119
#2	.0363101	-.014043	.1279172	.0041208	.0027179	94.80363	.3464163
#3	.0370388	-.011737	.1339986	.0008852	.0038473	95.34485	.3483056

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033781	.0026934	7.533778	.1107352	.0211305	.0667141	93.91738
Stddev	.0000788	.0000595	.054258	.0010770	.0001670	.0004832	.37834
%RSD	2.333882	2.210396	.7201971	.9726121	.7901835	.7243208	.4028452

#1	.0033217	.0027539	7.489636	.1119530	.0213180	.0672720	93.60944
#2	.0033445	.0026349	7.517345	.1103446	.0209980	.0664276	93.80298
#3	.0034682	.0026913	7.594353	.1099080	.0210755	.0664426	94.33972

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2957694	4.910224	.0536206	-.006483	.9869609	.1874527	.2349001
Stddev	.0012182	.053308	.0000343	.000489	.0464367	.0011071	.0043352
%RSD	.4118833	1.085653	.0640014	7.537508	4.705017	.5905965	1.845548

#1	.2952973	4.935542	.0536235	-.006669	.9656222	.1872597	.2299001
#2	.2948579	4.848975	.0535849	-.006852	.9550291	.1886436	.2376087
#3	.2971531	4.946156	.0536533	-.005929	1.040231	.1864548	.2371916

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.659347	5.190381	-.160588	.0035060	.2328455	10.92022	-.005587
Stddev	.020418	.039213	.000579	.0007663	.0075219	.04421	.000441
%RSD	.7677759	.7554971	.3606569	21.85806	3.230410	.4048591	7.894789

#1	2.642505	5.166210	-.159933	.0037673	.2245522	10.87160	-.005098
#2	2.653479	5.235625	-.160800	.0026432	.2347574	10.95802	-.005954
#3	2.682056	5.169307	-.161031	.0041075	.2392269	10.93103	-.005709

Sample Name: I5407-02 Acquired: 10/3/2017 21:00:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BF7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.254197	.0342117	.0556291
Stddev	.003347	.0002602	.0000324
%RSD	.2668546	.7606425	.0583087

#1	1.250790	.0345018	.0556313
#2	1.254321	.0339987	.0556604
#3	1.257480	.0341347	.0555956

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1227.627	1267.328	54419.66	11728.68	2640.973
Stddev	4.884	1.618	236.38	16.97	4.031
%RSD	.3978759	.1276308	.4343658	.1446482	.1526443

#1	1225.055	1266.565	54150.72	11733.88	2636.795
#2	1233.260	1269.186	54513.79	11742.44	2644.840
#3	1224.566	1266.233	54594.48	11709.72	2641.283

Sample Name: I5407-03 Acquired: 10/3/2017 21:04:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BF8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0435524	-.009627	.1642251	.0027046	.0040959	94.20561	.3810048
Stddev	.0073018	.002583	.0033364	.0047104	.0003637	.21382	.0014453
%RSD	16.76561	26.83519	2.031617	174.1657	8.880718	.2269725	.3793466

#1	.0480706	-.011310	.1604047	.0015531	.0037828	94.05585	.3795353
#2	.0474582	-.006652	.1665658	.0078839	.0040101	94.11050	.3810546
#3	.0351284	-.010917	.1657048	-.001323	.0044949	94.45049	.3824246

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037913	.0029075	7.371260	.1125181	.0199862	.0646840	97.95042
Stddev	.0000490	.0001153	.026172	.0003552	.0003401	.0013902	.12483
%RSD	1.291964	3.964227	.3550546	.3157149	1.701689	2.149200	.1274379

#1	.0037353	.0029790	7.351775	.1128384	.0197371	.0634263	97.97349
#2	.0038126	.0027745	7.401008	.1125799	.0203736	.0644490	97.81567
#3	.0038260	.0029690	7.360998	.1121360	.0198477	.0661767	98.06210

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3469375	5.008213	.0518247	-.006870	1.304150	.1963773	.2842756
Stddev	.0005611	.032864	.0004072	.000235	.087602	.0013072	.0015299
%RSD	.1617346	.6562061	.7858072	3.419323	6.717182	.6656709	.5381676

#1	.3467322	4.985337	.0519570	-.007120	1.391037	.1975784	.2840396
#2	.3465079	4.993430	.0521492	-.006654	1.305563	.1949850	.2859098
#3	.3475723	5.045873	.0513677	-.006836	1.215850	.1965684	.2828774

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.603188	5.928838	-.172125	.0049465	.2123118	11.41376	-.004626
Stddev	.012073	.029820	.001068	.0001823	.0040480	.01666	.001658
%RSD	.4637716	.5029718	.6204533	3.685240	1.906624	.1459796	35.85098

#1	2.596610	5.938348	-.170910	.0051076	.2129115	11.39456	-.006021
#2	2.595832	5.952742	-.172547	.0049833	.2160265	11.42238	-.002792
#3	2.617121	5.895422	-.172917	.0047487	.2079974	11.42435	-.005064

Sample Name: I5407-03 Acquired: 10/3/2017 21:04:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0BF8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.090846	.0316969	.0607860
Stddev	.003103	.0001971	.0001978
%RSD	.2844789	.6218234	.3253730

#1	1.092170	.0314763	.0607729
#2	1.087300	.0317588	.0605951
#3	1.093067	.0318557	.0609900

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1311.476	1354.214	57538.81	12365.71	2764.063
Stddev	6.872	4.624	174.66	10.25	6.592
%RSD	.5239785	.3414848	.3035537	.0828893	.2384984

#1	1303.764	1351.455	57346.76	12358.14	2758.729
#2	1313.712	1359.552	57581.50	12377.37	2771.433
#3	1316.951	1351.633	57688.16	12361.61	2762.027

Sample Name: CCV008 Acquired: 10/3/2017 21:08:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV008 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.115162	4.942456	24.85869	5.004970	5.120133	409.6449
Stddev	.018711	.018479	.08592	.015264	.006711	.4771
%RSD	.3657857	.3738779	.3456535	.3049820	.1310755	.1164753

#1	5.131940	4.941202	24.84114	5.018183	5.127837	410.0457
#2	5.094985	4.924636	24.78289	5.008465	5.117011	409.7719
#3	5.118561	4.961530	24.95203	4.988261	5.115552	409.1171

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.43016	.5450221	2.558724	409.9406	15.66817	2.536413
Stddev	.03540	.0025687	.012361	2.0409	.01252	.007680
%RSD	.3393974	.4713064	.4830957	.4978482	.0799293	.3027718

#1	10.46431	.5476390	2.561760	410.3292	15.68175	2.534406
#2	10.43253	.5425044	2.545128	407.7333	15.66568	2.529935
#3	10.39363	.5449228	2.569284	411.7592	15.65708	2.544896

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.71742	417.2328	15.74628	422.0955	2.516698	1.295686
Stddev	.04500	1.0831	.04310	.4451	.009721	.002485
%RSD	.2863337	.2595901	.2737459	.1054613	.3862618	.1918155

#1	15.74198	416.9295	15.73513	422.4211	2.517877	1.294804
#2	15.74481	416.3336	15.70984	421.5882	2.506442	1.298492
#3	15.66548	418.4352	15.79386	422.2771	2.525777	1.293762

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	410.8429	2.602995	15.28512	161.1682	F -1.06957	4.665865
Stddev	.2704	.012353	.04694	.5121	.02964	.025506
%RSD	.0658248	.4745877	.3070922	.3177413	2.771205	.5466539

#1	410.9846	2.599270	15.26062	161.5301	-1.05035	4.689828
#2	411.0130	2.592933	15.25549	161.3921	-1.05465	4.639055
#3	410.5311	2.616783	15.33924	160.5822	-1.10370	4.668712

Sample Name: CCV008 Acquired: 10/3/2017 21:08:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV008 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.035485	5.245910	5.323821	5.106276	5.186505	4.250035
Stddev	.003954	.032655	.031459	.012523	.002879	.018657
%RSD	.0785161	.6224816	.5909046	.2452467	.0555077	.4389932

#1	5.040045	5.257711	5.354658	5.102007	5.186184	4.259770
#2	5.033014	5.208995	5.291775	5.096447	5.183799	4.261811
#3	5.033397	5.271023	5.325030	5.120376	5.189530	4.228524

Elem	Sr4077
Units	ppm
Avg	4.176107
Stddev	.016668
%RSD	.3991215

#1	4.194575
#2	4.171562
#3	4.162182

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1006.777	1036.657	45263.31	10543.35	1940.536
Stddev	1.691	2.496	36.43	48.09	1.600
%RSD	.1679136	.2407594	.0804852	.4560772	.0824690

#1	1006.871	1035.883	45254.62	10491.26	1941.149
#2	1008.418	1034.640	45303.30	10586.04	1941.739
#3	1005.041	1039.448	45232.01	10552.76	1938.720

Sample Name: CCB008 Acquired: 10/3/2017 21:12:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB008 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000814	-.002934	.0000214	-.002128	.0006653	.0011001	-.004020
Stddev	.006693	.002541	.0017474	.002227	.0016584	.0022678	.000253
%RSD	822.7439	86.59515	8165.237	104.6688	249.2670	206.1552	6.293951

#1	-.007193	-.004412	.0012933	-.003168	-.000102	.0010453	-.004275
#2	-.001403	-.004390	-.001971	.000429	-.000470	.0033948	-.003769
#3	.006155	-.000000	.000742	-.003645	.002568	-.001140	-.004016

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000023	-.000017	.0027048	-.000325	-.000121	.0000612	.0012024
Stddev	.000038	.000109	.0098279	.000321	.000207	.0006700	.0023740
%RSD	166.2880	648.3212	363.3557	98.90446	170.6912	1094.688	197.4464

#1	.000021	.000087	.0106981	-.000036	.000072	.0005120	.0035968
#2	-.000039	-.000130	.0056843	-.000671	-.000340	-.000709	-.001151
#3	-.000051	-.000008	-.008268	-.000268	-.000097	.000380	.001161

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000005	.0095241	-.000018	.0004263	-.051661	-.001238	.0009286
Stddev	.000231	.0061484	.000272	.0001569	.072110	.000977	.0004991
%RSD	4747.086	64.55666	1489.483	36.80490	139.5821	78.90741	53.74550

#1	.000241	.0166204	.000107	.0003091	-.133665	-.001641	.0014728
#2	-.000038	.0061621	.000168	.0006045	.001843	-.000124	.0004924
#3	-.000218	.0057897	-.000330	.0003652	-.023161	-.001949	.0008205

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020719	-.013905	.0021970	.0000454	-.008385	-.000644	.0014022
Stddev	.0209079	.020392	.0012673	.0001428	.005441	.000595	.0009610
%RSD	1009.117	146.6507	57.68324	314.2759	64.89532	92.47317	68.53424

#1	-.017929	-.014589	.0023700	-.000073	-.002108	-.000256	.0017015
#2	.000364	.006820	.0033689	.000005	-.011289	-.001329	.0003272
#3	.023782	-.033946	.0008521	.000204	-.011758	-.000346	.0021779

Sample Name: CCB008 Acquired: 10/3/2017 21:12:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB008 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000111	-.000888	-.000852
Stddev	.000315	.000096	.000018
%RSD	283.1732	10.85162	2.097045

#1	.000072	-.000854	-.000832
#2	-.000476	-.000997	-.000865
#3	.000069	-.000814	-.000859

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1281.954	1324.440	56051.72	11661.45	3019.986
Stddev	4.054	1.827	50.45	130.40	3.610
%RSD	.3162546	.1379491	.0900137	1.118179	.1195327

#1	1281.499	1323.422	56038.88	11512.65	3018.029
#2	1286.216	1326.549	56107.35	11755.78	3024.152
#3	1278.146	1323.348	56008.92	11715.93	3017.778

Sample Name: I5407-04 Acquired: 10/3/2017 21:16:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BF9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0233447	-.012013	.0587679	-.002540	.0011872	67.19067	.1929200
Stddev	.0052488	.002350	.0021280	.004603	.0004793	.12148	.0013167
%RSD	22.48402	19.56282	3.621036	181.2659	40.36926	.1808041	.6825100

#1	.0255729	-.009339	.0581493	-.003947	.0008236	67.05436	.1914946
#2	.0173493	-.013748	.0611367	.002603	.0010077	67.23016	.1940908
#3	.0271117	-.012953	.0570178	-.006275	.0017303	67.28750	.1931748

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022030	.0023852	3.748599	.0822802	.0157645	.0467693	86.30984
Stddev	.0000501	.0001063	.024174	.0006918	.0002884	.0003716	.08708
%RSD	2.273828	4.458455	.6448681	.8407684	1.829267	.7944227	.1008934

#1	.0021514	.0023819	3.748168	.0814814	.0159863	.0471925	86.40383
#2	.0022514	.0024931	3.772985	.0826822	.0158687	.0466191	86.23189
#3	.0022064	.0022805	3.724644	.0826769	.0154385	.0464965	86.29381

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3587800	1.366305	.0304248	-.005553	.7655855	.1449548	.1554856
Stddev	.0008066	.041199	.0006261	.000085	.0082427	.0019437	.0062946
%RSD	.2248163	3.015357	2.057974	1.525585	1.076651	1.340905	4.048344

#1	.3585125	1.318857	.0303614	-.005610	.7576837	.1470464	.1587520
#2	.3581411	1.393013	.0298328	-.005455	.7649413	.1446138	.1482292
#3	.3596863	1.387043	.0310802	-.005593	.7741313	.1432041	.1594754

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.862913	3.151092	-.147957	.0023641	.1548064	4.957055	-.006865
Stddev	.035895	.010725	.001698	.0002166	.0091980	.015021	.000800
%RSD	1.926802	.3403437	1.147725	9.162968	5.941649	.3030148	11.65630

#1	1.860052	3.141099	-.146237	.0022575	.1559239	4.969774	-.007219
#2	1.828535	3.162422	-.149632	.0022215	.1451007	4.960907	-.007426
#3	1.900153	3.149754	-.148002	.0026134	.1633947	4.940483	-.005948

Sample Name: I5407-04 Acquired: 10/3/2017 21:16:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BF9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7421261	.0178544	.0278476
Stddev	.0011492	.0001983	.0001112
%RSD	.1548535	1.110582	.3993550

#1	.7430565	.0177788	.0277716
#2	.7408415	.0180794	.0277960
#3	.7424802	.0177050	.0279753

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1276.149	1313.631	56213.25	11978.99	2786.867
Stddev	5.734	12.320	126.98	31.77	13.628
%RSD	.4492948	.9378935	.2258857	.2651961	.4890128

#1	1269.696	1316.610	56069.57	11942.38	2786.992
#2	1280.658	1300.094	56259.75	11999.35	2773.177
#3	1278.094	1324.188	56310.41	11995.23	2800.432

Sample Name: I5407-05 Acquired: 10/3/2017 21:20:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BG0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0324759	-.013892	.0716085	-.005176	.0031920	142.2897	.1720276
Stddev	.0031807	.004374	.0018056	.005426	.0021160	.3378	.0006344
%RSD	9.794183	31.48417	2.521451	104.8441	66.29187	.2373741	.3687688

#1	.0353942	-.017570	.0718720	-.008685	.0055522	142.5944	.1724071
#2	.0329479	-.009056	.0732678	.001075	.0025592	141.9265	.1723805
#3	.0290855	-.015051	.0696856	-.007917	.0014645	142.3481	.1712952

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023521	.0024923	9.759856	.1732160	.0127908	.0722977	98.24953
Stddev	.0000183	.0000980	.039567	.0013258	.0001698	.0010477	.44342
%RSD	.7802435	3.930909	.4054055	.7654064	1.327477	1.449095	.4513157

#1	.0023461	.0025497	9.803177	.1717384	.0129856	.0710912	98.35827
#2	.0023727	.0023792	9.725624	.1736081	.0126737	.0729780	97.76186
#3	.0023376	.0025481	9.750769	.1743016	.0127133	.0728238	98.62846

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1860966	1.406716	.0562110	-.006298	.5941409	.2376896	.0474448
Stddev	.0006681	.023791	.0008466	.000218	.0676687	.0025488	.0039523
%RSD	.3590205	1.691250	1.506072	3.462489	11.38933	1.072332	8.330326

#1	.1867759	1.431780	.0571322	-.006051	.5911475	.2355102	.0436596
#2	.1854402	1.403922	.0560336	-.006465	.5280186	.2370664	.0471293
#3	.1860738	1.384445	.0554672	-.006379	.6632566	.2404922	.0515453

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.461221	3.229422	-.167709	.0021563	.7689617	13.34170	-.003797
Stddev	.012605	.044843	.002345	.0001656	.0051657	.03533	.000599
%RSD	.5121404	1.388563	1.398240	7.679455	.6717740	.2648031	15.77361

#1	2.464357	3.278619	-.167396	.0021629	.7747973	13.33912	-.003623
#2	2.471963	3.190838	-.165536	.0019874	.7671131	13.30773	-.004463
#3	2.447345	3.218808	-.170194	.0023184	.7649746	13.37825	-.003304

Sample Name: I5407-05 Acquired: 10/3/2017 21:20:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BG0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6097340	.0202520	.0544631
Stddev	.0016854	.0000957	.0003087
%RSD	.2764080	.4725701	.5668815

#1	.6104344	.0203137	.0546317
#2	.6078114	.0201418	.0541067
#3	.6109562	.0203006	.0546508

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1282.075	1319.632	56203.49	12136.02	2677.544
Stddev	3.122	8.691	130.90	29.90	22.421
%RSD	.2434814	.6586078	.2329026	.2463944	.8373866

#1	1285.597	1310.004	56144.11	12119.93	2651.749
#2	1279.648	1321.993	56353.56	12170.52	2692.361
#3	1280.981	1326.899	56112.81	12117.60	2688.523

Sample Name: I5407-06 Acquired: 10/3/2017 21:25:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BG1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0308424	-.017617	.2626022	-.001092	.0031247	94.44034	.6124242
Stddev	.0028984	.002719	.0089610	.003333	.0024459	1.39263	.0095991
%RSD	9.397358	15.43457	3.412397	305.0862	78.27463	1.474615	1.567397

#1	.0277383	-.016319	.2729495	-.002167	.0041255	95.92042	.6229351
#2	.0334779	-.020741	.2574306	-.003755	.0049115	94.24475	.6102156
#3	.0313110	-.015789	.2574265	.002645	.0003372	93.15584	.6041218

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039830	.0033620	40.21018	.1033463	.0196644	.0679388	110.9890
Stddev	.0000875	.0002132	.29907	.0009993	.0008547	.0024829	1.1020
%RSD	2.195771	6.342607	.7437548	.9669894	4.346233	3.654675	.9929223

#1	.0039901	.0035539	40.49974	.1040028	.0206462	.0699870	112.1379
#2	.0038922	.0031324	40.22837	.1038398	.0190870	.0686520	110.8885
#3	.0040667	.0033997	39.90244	.1021962	.0192599	.0651773	109.9407

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9781849	6.977676	.0496062	-.007379	.6629976	.1939943	.1680157
Stddev	.0122608	.106489	.0009030	.000593	.1240941	.0013651	.0013621
%RSD	1.253419	1.526140	1.820231	8.031811	18.71712	.7036787	.8106840

#1	.9887577	7.088526	.0506066	-.007577	.7935695	.1955230	.1670571
#2	.9810524	6.968340	.0493603	-.007848	.5465984	.1935631	.1695748
#3	.9647445	6.876162	.0488517	-.006713	.6488248	.1928969	.1674152

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.541797	9.033805	-.191647	.0084463	.7570414	13.97137	-.001463
Stddev	.080895	.266177	.002477	.0002564	.0158729	.20317	.001589
%RSD	2.283999	2.946459	1.292234	3.035962	2.096697	1.454191	108.5909

#1	3.623462	9.339688	-.194013	.0087356	.7750096	14.18501	-.001961
#2	3.540233	8.854842	-.191853	.0083564	.7449261	13.94852	.000315
#3	3.461695	8.906886	-.189073	.0082469	.7511883	13.78060	-.002744

Sample Name: I5407-06 Acquired: 10/3/2017 21:25:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BG1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9627901	.0460034	.2544266
Stddev	.0117490	.0010744	.0037901
%RSD	1.220312	2.335461	1.489683

#1	.9760337	.0470540	.2585894
#2	.9587170	.0460496	.2535151
#3	.9536196	.0449067	.2511753

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1228.995	1274.884	54896.33	11956.64	2632.293
Stddev	4.337	25.473	449.11	177.36	62.289
%RSD	.3528833	1.998048	.8181106	1.483402	2.366345

#1	1224.905	1246.052	54833.54	11773.25	2561.068
#2	1228.538	1294.339	54481.91	11969.36	2676.575
#3	1233.543	1284.262	55373.53	12127.29	2659.238

Sample Name: I5407-07 Acquired: 10/3/2017 21:29:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BG2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0309461	-.017758	.0804376	.0005825	.0032147	119.1940	.5510223
Stddev	.0043046	.003372	.0033852	.0050466	.0027943	.5959	.0019592
%RSD	13.90997	18.98781	4.208546	866.3353	86.92214	.4999703	.3555578

#1	.0323858	-.013895	.0843311	-.005230	.0045178	118.6783	.5503028
#2	.0343463	-.020113	.0781905	.003134	.0000069	119.8464	.5532395
#3	.0261062	-.019265	.0787911	.003844	.0051194	119.0574	.5495245

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047264	.0037960	28.32183	.1241894	.0247441	.0632237	130.9170
Stddev	.0000576	.0002746	.28644	.0012063	.0004593	.0021202	1.1347
%RSD	1.219739	7.233622	1.011382	.9712996	1.856313	3.353418	.8667203

#1	.0046867	.0037639	28.08916	.1232651	.0243004	.0607969	129.9513
#2	.0047925	.0035388	28.64175	.1255540	.0247144	.0647162	132.1667
#3	.0046999	.0040852	28.23456	.1237492	.0252176	.0641580	130.6330

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7154746	9.221409	.0588179	-.008568	.9115766	.2326406	.1485618
Stddev	.0055619	.091357	.0009925	.000426	.0698473	.0028443	.0087866
%RSD	.7773717	.9907020	1.687342	4.969800	7.662246	1.222617	5.914447

#1	.7093527	9.156812	.0576719	-.008454	.8706762	.2312021	.1398681
#2	.7202168	9.325932	.0593930	-.009039	.9922266	.2359168	.1483788
#3	.7168542	9.181481	.0593888	-.008210	.8718272	.2308029	.1574385

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.007830	5.931184	-.237339	.0095167	.5212649	13.85886	-.004028
Stddev	.022723	.042086	.000798	.0003344	.0042242	.09520	.001638
%RSD	.5669701	.7095729	.3362915	3.513977	.8103693	.6869371	40.66284

#1	3.983901	5.883083	-.236705	.0092097	.5236006	13.78704	-.005014
#2	4.029116	5.949241	-.238235	.0098731	.5163887	13.96685	-.004932
#3	4.010472	5.961228	-.237077	.0094672	.5238055	13.82270	-.002137

Sample Name: I5407-07 Acquired: 10/3/2017 21:29:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BG2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.022393	.0528537	.1791616
Stddev	.004427	.0005629	.0008773
%RSD	.4330504	1.065012	.4896620

#1	1.018414	.0525067	.1786149
#2	1.027163	.0535032	.1801735
#3	1.021603	.0525513	.1786964

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1266.558	1294.974	56017.36	12017.17	2620.381
Stddev	5.112	4.417	137.53	63.60	7.403
%RSD	.4036244	.3410884	.2455157	.5292403	.2825211

#1	1263.597	1299.752	55859.08	12036.39	2628.923
#2	1272.462	1294.131	56107.66	11946.18	2615.811
#3	1263.617	1291.039	56085.35	12068.94	2616.410

Sample Name: I5407-08 Acquired: 10/3/2017 21:33:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BG3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0306758	-.014622	.0787418	.0010095	.0030817	127.1264	.5190280
Stddev	.0075657	.001266	.0010299	.0037967	.0022249	8.9310	.0343905
%RSD	24.66353	8.656482	1.307890	376.0924	72.19640	7.025328	6.625939

#1	.0283584	-.013681	.0779356	.0020199	.0024382	137.4178	.5586151
#2	.0391292	-.014124	.0783878	.0041988	.0055575	122.5545	.5019458
#3	.0245398	-.016061	.0799019	-.003190	.0012495	121.4069	.4965231

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047849	.0036423	24.71565	.1318242	.0282354	.0675543	145.7968
Stddev	.0001834	.0006161	1.71334	.0023289	.0001648	.0059598	10.5614
%RSD	3.832434	16.91673	6.932223	1.766642	.5836568	8.822228	7.243899

#1	.0049678	.0029945	26.69228	.1291456	.0280800	.0743924	157.9918
#2	.0047859	.0037113	23.79986	.1333692	.0282179	.0634650	139.7629
#3	.0046010	.0042210	23.65482	.1329579	.0284082	.0648054	139.6357

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9296573	10.87537	.0640281	-.008472	.9499383	.2525430	.1666510
Stddev	.0673040	.75432	.0004843	.000847	.1231265	.0143857	.0059612
%RSD	7.239652	6.936003	.7563362	9.995694	12.96152	5.696339	3.577028

#1	1.007351	11.74521	.0634775	-.007517	1.075504	.2687552	.1619657
#2	.889201	10.40143	.0643881	-.008767	.829406	.2413028	.1646266
#3	.892420	10.47946	.0642186	-.009132	.944905	.2475710	.1733607

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.628200	5.557799	-.261113	.0042323	.4667252	13.77059	-.005465
Stddev	.341446	.037071	.013806	.0004636	.0053977	.84858	.000682
%RSD	7.377512	.6670157	5.287475	10.95421	1.156496	6.162240	12.48017

#1	5.020640	5.521916	-.277037	.0045065	.4633469	14.74961	-.005380
#2	4.464821	5.555527	-.252498	.0036970	.4638783	13.31613	-.006185
#3	4.399139	5.595954	-.253804	.0044934	.4729503	13.24603	-.004829

Sample Name: I5407-08 Acquired: 10/3/2017 21:33:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BG3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.110804	.0561690	.1326087
Stddev	.079024	.0041332	.0094512
%RSD	7.114114	7.358497	7.127167

#1	1.201987	.0608899	.1434783
#2	1.068200	.0544151	.1280195
#3	1.062224	.0532019	.1263283

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1256.282	1304.541	55142.81	11436.17	2634.833
Stddev	13.778	6.515	463.30	685.60	8.459
%RSD	1.096721	.4994338	.8401851	5.994995	.3210296

#1	1270.879	1309.624	55670.32	10645.75	2640.740
#2	1254.463	1306.803	54801.94	11793.01	2638.616
#3	1243.504	1297.196	54956.18	11869.76	2625.143

Sample Name: I5407-09 Acquired: 10/3/2017 21:37:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BG4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0200912	-.010015	.0375742	.0017492	.0012304	58.28879	.1343068
Stddev	.0011105	.001706	.0016495	.0052720	.0023462	.36744	.0006543
%RSD	5.527153	17.03917	4.390035	301.3995	190.6891	.6303737	.4871588

#1	.0188853	-.011021	.0360411	.0004811	-.000349	58.70857	.1346100
#2	.0203167	-.010980	.0393196	.0075396	.000114	58.13229	.1335560
#3	.0210716	-.008045	.0373619	-.002773	.003926	58.02552	.1347545

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015226	.0014214	7.888461	.0724179	.0068865	.0339754	60.84043
Stddev	.0000294	.0000923	.050423	.0002749	.0002795	.0010065	.43646
%RSD	1.928101	6.492175	.6391948	.3795977	4.058531	2.962285	.7173886

#1	.0015521	.0014797	7.880083	.0725282	.0067895	.0351318	61.31693
#2	.0015223	.0014694	7.842753	.0726204	.0072016	.0332976	60.74432
#3	.0014934	.0013150	7.942548	.0721049	.0066685	.0334967	60.46003

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1029632	1.430369	.0205664	-.003633	.2970027	.1182318	.0320397
Stddev	.0001259	.013063	.0007608	.000461	.0556882	.0013806	.0015347
%RSD	.1222610	.9132414	3.699491	12.67935	18.75007	1.167715	4.789944

#1	.1029696	1.415969	.0213979	-.003854	.2437863	.1187643	.0338098
#2	.1028342	1.441458	.0199049	-.003103	.2923508	.1192670	.0310824
#3	.1030857	1.433680	.0203965	-.003941	.3548709	.1166643	.0312268

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.751720	2.321527	-.111817	.0012406	.2451768	8.022774	-.008492
Stddev	.034630	.019165	.002303	.0001117	.0030228	.063294	.000702
%RSD	1.976899	.8255491	2.059559	9.007304	1.232919	.7889335	8.270997

#1	1.791082	2.310864	-.114103	.0011116	.2481119	8.091915	-.008666
#2	1.738135	2.310063	-.111849	.0013086	.2420732	8.008715	-.007719
#3	1.725942	2.343652	-.109498	.0013015	.2453454	7.967690	-.009091

Sample Name: I5407-09 Acquired: 10/3/2017 21:37:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BG4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6204043	.0167552	.0340262
Stddev	.0020240	.0003935	.0001558
%RSD	.3262436	2.348663	.4580345

#1	.6223994	.0172084	.0341928
#2	.6183525	.0165004	.0340018
#3	.6204610	.0165568	.0338840

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1249.475	1293.808	55303.43	11813.42	2812.713
Stddev	12.283	2.418	249.26	115.22	4.309
%RSD	.9830822	.1869026	.4507181	.9753450	.1532116

#1	1237.527	1291.138	55201.53	11688.47	2808.110
#2	1248.828	1294.434	55121.26	11836.32	2813.377
#3	1262.069	1295.851	55587.50	11915.48	2816.652

Sample Name: I5407-10 Acquired: 10/3/2017 21:41:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BG5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0202949	-.008315	.0443631	-.000411	.0019563	57.02143	.0938875
Stddev	.0028970	.000560	.0040774	.004567	.0005437	.54029	.0006958
%RSD	14.27448	6.736915	9.190916	1110.515	27.79523	.9475173	.7411347

#1	.0176703	-.008387	.0396573	.003763	.0014308	56.39934	.0930846
#2	.0198110	-.007722	.0465856	-.005289	.0019214	57.37331	.0942634
#3	.0234034	-.008836	.0468463	.000292	.0025166	57.29163	.0943145

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016522	.0013450	3.510691	.0876549	.0060548	.0412312	62.72618
Stddev	.0000836	.0001494	.068464	.0002437	.0003528	.0003777	.76485
%RSD	5.060481	11.10843	1.950154	.2780538	5.827047	.9159634	1.219347

#1	.0016134	.0014670	3.444012	.0874323	.0056719	.0409026	61.87867
#2	.0017481	.0011784	3.580810	.0876172	.0061259	.0416438	63.36510
#3	.0015950	.0013897	3.507252	.0879154	.0063667	.0411473	62.93477

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0690015	.6970442	.0223206	-.003915	.3244956	.1373167	.0389264
Stddev	.0012273	.0250124	.0005615	.000067	.0601026	.0023958	.0028368
%RSD	1.778702	3.588347	2.515693	1.716227	18.52184	1.744758	7.287529

#1	.0676064	.7082415	.0216758	-.003993	.3758506	.1353277	.0359292
#2	.0694833	.7145016	.0227018	-.003884	.3392447	.1399764	.0392806
#3	.0699149	.6683894	.0225842	-.003870	.2583914	.1366459	.0415695

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.138830	2.169259	-.120149	.0014303	.5309706	4.134609	-.007874
Stddev	.016905	.017674	.001145	.0004743	.0070648	.024921	.001400
%RSD	1.484419	.8147396	.9532448	33.16136	1.330536	.6027438	17.78577

#1	1.120282	2.148851	-.119954	.0009574	.5239900	4.106104	-.009193
#2	1.142837	2.179588	-.121380	.0014274	.5381166	4.152279	-.006404
#3	1.153372	2.179337	-.119114	.0019060	.5308052	4.145444	-.008024

Sample Name: I5407-10 Acquired: 10/3/2017 21:41:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BG5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5362365	.0122595	.0123133
Stddev	.0062012	.0002554	.0000690
%RSD	1.156423	2.083497	.5607075

#1	.5290838	.0120897	.0122359
#2	.5401025	.0121355	.0123686
#3	.5395231	.0125532	.0123353

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1272.584	1318.006	55913.66	11767.75	2835.298
Stddev	2.482	2.071	139.78	102.13	6.463
%RSD	.1950495	.1570975	.2499902	.8679061	.2279414

#1	1269.785	1319.866	55853.27	11878.94	2836.918
#2	1273.445	1318.376	55814.24	11678.11	2840.797
#3	1274.520	1315.775	56073.49	11746.20	2828.179

Sample Name: I5407-11 Acquired: 10/3/2017 21:45:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BG6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1041896	-.013026	1.068452	.0008628	.0048251	85.60642	.6856972
Stddev	.0034700	.001203	.004898	.0039999	.0016541	.26287	.0013803
%RSD	3.330429	9.234284	.4584039	463.5749	34.28086	.3070623	.2013035

#1	.1042887	-.012405	1.073757	.0040941	.0055430	85.89368	.6871084
#2	.1006711	-.012260	1.064103	-.003611	.0059989	85.37789	.6843500
#3	.1076089	-.014412	1.067495	.002105	.0029333	85.54770	.6856332

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033205	.0045803	22.26314	.0983091	.0226657	.2110099	101.4034
Stddev	.0001067	.0002960	.13465	.0008946	.0003609	.0013332	.2710
%RSD	3.212439	6.462351	.6048164	.9100414	1.592199	.6318261	.2672718

#1	.0032140	.0042710	22.37612	.0977878	.0227374	.2122209	101.5766
#2	.0034273	.0046090	22.11414	.0993421	.0222743	.2112277	101.0910
#3	.0033201	.0048609	22.29915	.0977973	.0229853	.2095812	101.5424

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7404502	9.798596	.0508250	-.006266	.5543338	.1740763	.7785220
Stddev	.0033161	.049444	.0004703	.000327	.0584908	.0031560	.0086981
%RSD	.4478478	.5045985	.9254089	5.225423	10.55154	1.812993	1.117262

#1	.7400701	9.835453	.0513613	-.006038	.5619442	.1776883	.7766050
#2	.7373405	9.742408	.0506311	-.006641	.4924104	.1718520	.7709422
#3	.7439399	9.817929	.0504827	-.006120	.6086469	.1726884	.7880187

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.422283	20.70443	-.177921	.0032033	.6876933	9.199116	.0093518
Stddev	.008500	.19746	.001804	.0003078	.0010588	.019335	.0019180
%RSD	.2483664	.9537023	1.013762	9.608183	.1539661	.2101801	20.50973

#1	3.427063	20.92828	-.179998	.0031976	.6886359	9.218351	.0072270
#2	3.412469	20.63001	-.176750	.0035139	.6865476	9.179683	.0109554
#3	3.427316	20.55500	-.177016	.0028985	.6878963	9.199314	.0098728

Sample Name: I5407-11 Acquired: 10/3/2017 21:45:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BG6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8038455	.0463982	.0688905
Stddev	.0043164	.0003512	.0003415
%RSD	.5369690	.7569900	.4956657

#1	.8075706	.0459943	.0692848
#2	.7991152	.0465680	.0686949
#3	.8048507	.0466322	.0686919

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1271.015	1320.076	55905.50	12066.55	2785.763
Stddev	8.575	8.830	119.23	65.02	16.400
%RSD	.6746531	.6689358	.2132697	.5388162	.5887147

#1	1272.051	1311.051	55925.86	12011.11	2767.183
#2	1279.025	1328.698	56013.24	12138.11	2798.225
#3	1261.969	1320.480	55777.40	12050.42	2791.881

Sample Name: I5407-12 Acquired: 10/3/2017 21:49:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BG7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0755733	-.016123	.5088847	.0064566	.0048472	90.64456	.4667012
Stddev	.0043355	.001043	.0057276	.0024893	.0008340	.18131	.0015348
%RSD	5.736800	6.471064	1.125518	38.55499	17.20548	.2000186	.3288669

#1	.0765513	-.015995	.5041845	.0088176	.0047932	90.55871	.4652650
#2	.0708323	-.015150	.5152642	.0038562	.0040415	90.85285	.4683186
#3	.0793362	-.017225	.5072054	.0066959	.0057069	90.52213	.4665201

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035112	.0031890	9.014884	.1099482	.0189881	.1278714	108.9296
Stddev	.0000812	.0001432	.014019	.0008172	.0006045	.0001638	.3639
%RSD	2.313658	4.491122	.1555135	.7432643	3.183609	.1280960	.3340637

#1	.0035004	.0030594	9.009931	.1100165	.0189785	.1280516	108.6079
#2	.0034358	.0033428	9.004014	.1107292	.0195973	.1278310	109.3245
#3	.0035972	.0031648	9.030708	.1090991	.0183885	.1277316	108.8563

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5093282	7.343935	.0517073	-.007031	.4290020	.1898060	.3791897
Stddev	.0019061	.031538	.0008040	.000459	.0954765	.0033623	.0036659
%RSD	.3742393	.4294403	1.555011	6.524197	22.25548	1.771461	.9667587

#1	.5071487	7.322185	.0516254	-.007220	.4913154	.1860781	.3832432
#2	.5106834	7.380105	.0525492	-.007365	.3190827	.1926094	.3761070
#3	.5101526	7.329515	.0509474	-.006508	.4766077	.1907304	.3782189

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.142429	8.603887	-.194100	.0050512	.3955570	4.926212	.0017318
Stddev	.018304	.049251	.000999	.0005013	.0117277	.016495	.0004779
%RSD	.5824883	.5724251	.5145884	9.923786	2.964863	.3348346	27.59527

#1	3.127921	8.619498	-.195032	.0055873	.4058379	4.935280	.0020461
#2	3.162994	8.643441	-.193046	.0045941	.3827833	4.936182	.0011818
#3	3.136373	8.548723	-.194222	.0049723	.3980499	4.907172	.0019674

Sample Name: I5407-12 Acquired: 10/3/2017 21:49:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BG7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8192941	.0425971	.0302385
Stddev	.0011436	.0000921	.0001354
%RSD	.1395840	.2162245	.4478939

#1	.8193788	.0425042	.0302329
#2	.8203930	.0425988	.0303766
#3	.8181105	.0426884	.0301059

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1207.534	1249.031	53059.01	11376.28	2648.770
Stddev	2.870	1.918	416.57	24.77	3.222
%RSD	.2376554	.1535496	.7851068	.2177504	.1216538

#1	1204.457	1251.229	52732.67	11383.66	2650.613
#2	1208.008	1247.695	52916.14	11348.66	2645.049
#3	1210.138	1248.170	53528.21	11396.52	2650.648

Sample Name: I5407-13 Acquired: 10/3/2017 21:53:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BG9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0408297	-.013952	.1543075	.0004752	.0034633	79.00059	.2563594
Stddev	.0036994	.002170	.0007824	.0039388	.0016213	.10558	.0006760
%RSD	9.060462	15.55646	.5070541	828.8331	46.81387	.1336448	.2636955

#1	.0439698	-.013841	.1534770	.0028809	.0020958	78.87915	.2555794
#2	.0367516	-.016176	.1550308	.0026150	.0052543	79.05203	.2567234
#3	.0417676	-.011839	.1544146	-.004070	.0030397	79.07059	.2567753

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031989	.0029159	5.704930	.1033469	.0159198	.0687750	110.0985
Stddev	.0001537	.0000992	.016744	.0005092	.0003447	.0008990	.4427
%RSD	4.805906	3.403212	.2934923	.4926827	2.165052	1.307137	.4021054

#1	.0032691	.0028215	5.722273	.1028290	.0162507	.0677954	109.6154
#2	.0033050	.0029068	5.703658	.1033648	.0155628	.0689676	110.1955
#3	.0030226	.0030194	5.688858	.1038469	.0159460	.0695621	110.4847

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3539689	4.598905	.0406926	-.007797	.4701629	.1892671	.1365962
Stddev	.0021579	.051203	.0003389	.000570	.0988687	.0034651	.0058503
%RSD	.6096315	1.113370	.8327244	7.304916	21.02861	1.830782	4.282894

#1	.3515637	4.630677	.0405508	-.008357	.3648863	.1858561	.1433153
#2	.3546076	4.539838	.0404477	-.007816	.4845565	.1927838	.1326315
#3	.3557354	4.626201	.0410794	-.007218	.5610458	.1891615	.1338419

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.554362	4.843146	-.194178	.0051645	.2776843	9.337873	-.005070
Stddev	.025817	.038306	.002101	.0000501	.0069936	.018316	.000555
%RSD	1.010719	.7909410	1.081788	.9700970	2.518544	.1961427	10.93837

#1	2.582230	4.817747	-.193145	.0051595	.2700528	9.316752	-.004584
#2	2.549596	4.824485	-.196595	.0052169	.2837870	9.347489	-.005674
#3	2.531260	4.887207	-.192794	.0051170	.2792132	9.349378	-.004951

Sample Name: I5407-13 Acquired: 10/3/2017 21:53:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BG9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.066576	.0309295	.0202825
Stddev	.003135	.0003984	.0000500
%RSD	.2938955	1.287966	.2466384

#1	1.062959	.0312711	.0202432
#2	1.068490	.0310255	.0202654
#3	1.068280	.0304919	.0203388

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1273.414	1323.393	56488.09	12185.51	2801.244
Stddev	13.774	4.847	210.10	13.46	11.523
%RSD	1.081629	.3662710	.3719372	.1104856	.4113549

#1	1257.998	1320.645	56261.62	12170.30	2801.903
#2	1277.733	1328.990	56525.98	12190.33	2812.424
#3	1284.510	1320.545	56676.67	12195.90	2789.406

Sample Name: I5407-14 Acquired: 10/3/2017 21:57:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BH0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0312785	-.013347	.0600751	.0014607	.0027019	81.48970	.2097405
Stddev	.0032949	.000471	.0027682	.0047482	.0007842	.19038	.0002312
%RSD	10.53413	3.528836	4.607939	325.0610	29.02354	.2336224	.1102273

#1	.0342637	-.013686	.0620485	-.003564	.0029490	81.47099	.2098093
#2	.0318287	-.012809	.0569107	.005874	.0018239	81.30937	.2099295
#3	.0277431	-.013546	.0612662	.002072	.0033328	81.68875	.2094828

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030260	.0026172	4.926854	.1079866	.0142566	.0677302	114.3591
Stddev	.0000640	.0001372	.029642	.0013297	.0002838	.0000542	.5029
%RSD	2.114736	5.240974	.6016442	1.231335	1.990480	.0800661	.4397514

#1	.0029810	.0027742	4.955014	.1065535	.0144157	.0677889	113.9327
#2	.0029976	.0025568	4.895924	.1082261	.0139290	.0677198	114.2308
#3	.0030992	.0025207	4.929624	.1091803	.0144252	.0676820	114.9137

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2347762	3.365430	.0420751	-.007808	.4547196	.1975052	.1055850
Stddev	.0004384	.015206	.0002669	.000383	.0548310	.0010186	.0021822
%RSD	.1867313	.4518154	.6344086	4.909522	12.05819	.5157266	2.066765

#1	.2349635	3.352416	.0419327	-.007394	.3959218	.1984199	.1038706
#2	.2350898	3.361730	.0419095	-.008151	.4637825	.1964075	.1048430
#3	.2342752	3.382144	.0423830	-.007879	.5044544	.1976882	.1080415

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.672066	4.018805	-.201466	.0030772	.1842332	1.860460	-.005198
Stddev	.009694	.017267	.000237	.0003059	.0039561	.010760	.000270
%RSD	.3627753	.4296626	.1174088	9.940708	2.147352	.5783562	5.189513

#1	2.681936	4.023725	-.201431	.0033663	.1869560	1.848069	-.004890
#2	2.662559	4.033078	-.201719	.0031085	.1860483	1.867448	-.005395
#3	2.671702	3.999611	-.201250	.0027569	.1796952	1.865862	-.005308

Sample Name: I5407-14 Acquired: 10/3/2017 21:57:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BH0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8733795	.0313846	.0187542
Stddev	.0020645	.0002611	.0000605
%RSD	.2363786	.8318298	.3223611

#1	.8718942	.0312680	.0186844
#2	.8725074	.0316837	.0187866
#3	.8757369	.0312022	.0187915

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1251.165	1294.086	55245.89	11994.53	2740.973
Stddev	5.082	4.585	174.82	11.82	6.960
%RSD	.4062188	.3543341	.3164407	.0985442	.2539287

#1	1245.357	1288.877	55291.08	11988.72	2734.392
#2	1253.338	1297.510	55052.91	11986.74	2748.258
#3	1254.800	1295.873	55393.67	12008.13	2740.269

Sample Name: I5407-15 Acquired: 10/3/2017 22:01:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BH1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0283431	-.009717	.0690560	.0000434	.0017323	67.74036	.2035364
Stddev	.0024349	.001384	.0012303	.0023977	.0010250	.25040	.0006699
%RSD	8.590949	14.23871	1.781603	5531.052	59.16949	.3696501	.3291483

#1	.0258676	-.011314	.0677943	-.001012	.0014284	67.92768	.2043081
#2	.0307354	-.008897	.0702523	-.001646	.0008937	67.45595	.2031045
#3	.0284264	-.008940	.0691214	.002788	.0028750	67.83744	.2031965

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026220	.0023172	4.334760	.1008623	.0131037	.0587003	94.81519
Stddev	.0000852	.0001709	.066978	.0004291	.0003427	.0007786	.09915
%RSD	3.248280	7.375591	1.545143	.4254635	2.615026	1.326339	.1045757

#1	.0026981	.0021199	4.257425	.1012275	.0127957	.0587220	94.83771
#2	.0025300	.0024189	4.372645	.1003896	.0134728	.0594678	94.70672
#3	.0026379	.0024128	4.374209	.1009697	.0130426	.0579111	94.90115

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2019830	2.826427	.0352801	-.006496	.3744400	.1636830	.0941720
Stddev	.0006792	.016817	.0007404	.000251	.1129357	.0032803	.0041941
%RSD	.3362832	.5949782	2.098678	3.857143	30.16123	2.004056	4.453625

#1	.2020838	2.807029	.0358251	-.006678	.5046164	.1624898	.0988654
#2	.2012590	2.835366	.0355780	-.006211	.3160635	.1611664	.0928592
#3	.2026062	2.836887	.0344371	-.006600	.3026401	.1673929	.0907913

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.134819	3.485964	-.171504	.0025278	.1656227	8.638213	-.007460
Stddev	.007311	.029333	.001587	.0004036	.0053842	.017103	.002232
%RSD	.3424595	.8414665	.9255809	15.96740	3.250861	.1979919	29.92429

#1	2.127072	3.506865	-.172073	.0029938	.1686017	8.618483	-.005086
#2	2.141598	3.498597	-.172728	.0023034	.1594074	8.647325	-.007778
#3	2.135788	3.452431	-.169710	.0022863	.1688591	8.648831	-.009516

Sample Name: I5407-15 Acquired: 10/3/2017 22:01:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BH1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8810484	.0260921	.0178155
Stddev	.0002445	.0003585	.0000541
%RSD	.0277558	1.373990	.3038345

#1	.8809590	.0263224	.0177572
#2	.8808611	.0256790	.0178251
#3	.8813251	.0262749	.0178642

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1253.398	1292.197	55022.34	11911.97	2748.978
Stddev	4.315	6.381	162.72	6.14	9.473
%RSD	.3442303	.4937729	.2957327	.0515307	.3446013

#1	1248.525	1285.748	54835.53	11905.16	2742.655
#2	1256.732	1292.337	55133.18	11917.08	2744.408
#3	1254.937	1298.506	55098.32	11913.67	2759.869

Sample Name: I5407-16 Acquired: 10/3/2017 22:06:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BH2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0234866	-.011640	.0526132	.0012608	.0022110	65.92307	.1115650
Stddev	.0037864	.004816	.0022491	.0050027	.0018065	.22718	.0004351
%RSD	16.12131	41.37173	4.274832	396.7861	81.70671	.3446145	.3899674

#1	.0254192	-.016940	.0531742	.0026440	.0038818	66.18534	.1119970
#2	.0259166	-.010449	.0545288	.0054265	.0002940	65.78714	.1115711
#3	.0191239	-.007532	.0501367	-.004288	.0024570	65.79674	.1111269

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019130	.0018075	4.312622	.0977321	.0144178	.0687060	87.40195
Stddev	.0000505	.0002945	.027162	.0015425	.0003873	.0005090	.19837
%RSD	2.639036	16.29481	.6298275	1.578273	2.686460	.7408650	.2269621

#1	.0018785	.0021434	4.302009	.0962119	.0141581	.0692180	87.22032
#2	.0019710	.0016857	4.343489	.0976885	.0148630	.0682000	87.37189
#3	.0018896	.0015934	4.292369	.0992959	.0142324	.0687001	87.61363

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2447943	6.927750	.0273331	-.005793	.2752222	.1497569	.0836149
Stddev	.0012461	.045776	.0004740	.000270	.0657741	.0014264	.0007149
%RSD	.5090274	.6607602	1.734265	4.662341	23.89855	.9524703	.8550364

#1	.2460611	6.953657	.0275376	-.006064	.2582940	.1485936	.0833835
#2	.2435701	6.954698	.0276706	-.005524	.3478059	.1513483	.0844169
#3	.2447517	6.874897	.0267911	-.005791	.2195668	.1493288	.0830443

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.712415	3.241867	-.158595	.0013877	.2762250	8.053815	-.007270
Stddev	.027670	.089856	.001582	.0002933	.0056938	.050112	.001086
%RSD	1.615863	2.771733	.9974340	21.13319	2.061275	.6222178	14.93477

#1	1.735494	3.291769	-.160018	.0014106	.2796927	8.083389	-.006857
#2	1.720012	3.295697	-.158876	.0010837	.2793285	7.995955	-.006451
#3	1.681740	3.138135	-.156892	.0016688	.2696538	8.082101	-.008502

Sample Name: I5407-16 Acquired: 10/3/2017 22:06:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BH2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7342323	.0240281	.0116367
Stddev	.0023531	.0005129	.0000716
%RSD	.3204898	2.134683	.6154962

#1	.7339042	.0246173	.0117123
#2	.7320603	.0236806	.0115698
#3	.7367322	.0237866	.0116280

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1263.182	1326.628	55533.21	11878.05	2856.473
Stddev	6.364	34.334	594.58	25.10	70.813
%RSD	.5038081	2.588056	1.070682	.2113028	2.479037

#1	1270.255	1305.656	56014.44	11850.96	2815.631
#2	1257.920	1307.978	55716.67	11882.69	2815.547
#3	1261.370	1366.251	54868.52	11900.51	2938.241

Sample Name: I5407-17 Acquired: 10/3/2017 22:10:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BH3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0278081	-.012555	.0637689	.0009098	.0024689	66.33496	.2044064
Stddev	.0007992	.000542	.0018468	.0034931	.0015947	.05468	.0007964
%RSD	2.873860	4.319974	2.896028	383.9496	64.59025	.0824326	.3896347

#1	.0271307	-.012894	.0618217	.0044417	.0014467	66.35061	.2045771
#2	.0276041	-.011929	.0654955	.0008310	.0016536	66.27416	.2051037
#3	.0286895	-.012841	.0639895	-.002543	.0043064	66.38011	.2035384

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025143	.0021473	4.410375	.0991236	.0121796	.0568892	93.87698
Stddev	.0000673	.0001260	.018131	.0015109	.0002824	.0010750	.18838
%RSD	2.677314	5.866675	.4111001	1.524275	2.318359	1.889615	.2006689

#1	.0025792	.0021216	4.431283	.0986135	.0123025	.0577647	93.90189
#2	.0024448	.0020362	4.398978	.0979337	.0118566	.0556894	93.67738
#3	.0025190	.0022842	4.400865	.1008235	.0123797	.0572136	94.05167

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1966541	2.753429	.0352807	-.006462	.3863712	.1632152	.0968724
Stddev	.0005395	.036022	.0008971	.000201	.1179726	.0006502	.0056925
%RSD	.2743211	1.308252	2.542736	3.106803	30.53348	.3983615	5.876252

#1	.1964515	2.764845	.0348570	-.006691	.5054420	.1639644	.0985016
#2	.1972656	2.713082	.0346740	-.006381	.3841434	.1627986	.0905430
#3	.1962454	2.782359	.0363112	-.006315	.2695284	.1628825	.1015727

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.084177	3.338124	-.169405	.0022201	.1741735	7.352570	-.007604
Stddev	.007687	.073854	.001735	.0005317	.0078835	.026868	.001170
%RSD	.3688473	2.212435	1.024322	23.94836	4.526216	.3654283	15.39130

#1	2.075302	3.318905	-.171288	.0026321	.1658218	7.372008	-.007941
#2	2.088481	3.275779	-.167870	.0024082	.1752131	7.321910	-.008568
#3	2.088749	3.419687	-.169056	.0016199	.1814855	7.363793	-.006302

Sample Name: I5407-17 Acquired: 10/3/2017 22:10:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0BH3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8669892	.0256244	.0171802
Stddev	.0021661	.0000516	.0000344
%RSD	.2498420	.2013445	.2003020

#1	.8644884	.0256739	.0172100
#2	.8682812	.0256283	.0171425
#3	.8681978	.0255709	.0171881

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1291.204	1324.902	56772.93	12146.48	2828.813
Stddev	5.425	23.170	147.67	38.48	57.140
%RSD	.4201425	1.748811	.2601106	.3168004	2.019940

#1	1296.506	1336.153	56876.92	12105.18	2861.385
#2	1285.664	1340.299	56603.90	12181.32	2862.218
#3	1291.442	1298.255	56837.96	12152.94	2762.834

Sample Name: CCV009 Acquired: 10/3/2017 22:14:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.273851	5.030985	25.43654	5.193700	5.260421	432.6700
Stddev	.122732	.090484	.45909	.106220	.095007	4.3636
%RSD	2.327178	1.798540	1.804859	2.045164	1.806069	1.008525

#1	5.400830	5.124009	25.93572	5.314289	5.362035	428.7735
#2	5.264862	5.025670	25.34149	5.152808	5.245424	431.8518
#3	5.155861	4.943275	25.03242	5.114003	5.173805	437.3848

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.02222	F .5712565	2.628689	429.4906	16.44448	2.595837
Stddev	.05607	.0037723	.050017	3.5258	.05682	.047134
%RSD	.5087062	.6603427	1.902734	.8209202	.3455119	1.815762

#1	11.06711	.5670462	2.684219	426.5467	16.48653	2.646672
#2	10.95937	.5723947	2.614673	428.5273	16.46707	2.587258
#3	11.04019	.5743286	2.587176	433.3980	16.37984	2.553582

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 16.61997	F 440.7280	F 16.63240	F 446.2676	2.565499	1.362872
Stddev	.17380	4.5535	.18176	4.1328	.043388	.004617
%RSD	1.045745	1.033172	1.092816	.9260894	1.691222	.3387787

#1	16.47151	436.1840	16.44722	441.9403	2.611788	1.367448
#2	16.57725	440.7092	16.63944	446.6887	2.558952	1.362953
#3	16.81115	445.2909	16.81054	450.1738	2.525756	1.358215

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	435.4064	2.734472	16.05080	F 170.0987	F -1.00816	4.966602
Stddev	3.7998	.029583	.05066	1.6517	.02262	.014731
%RSD	.8726957	1.081853	.3156179	.9710517	2.243970	.2965930

#1	431.8441	2.706210	16.08673	168.4621	-1.03258	4.949732
#2	434.9692	2.731986	16.07280	170.0689	-.98791	4.976919
#3	439.4058	2.765219	15.99285	171.7652	-1.00399	4.973155

Sample Name: CCV009 Acquired: 10/3/2017 22:14:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV009 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.187909	5.344435	5.603397	5.225540	5.475477	4.493934
Stddev	.099374	.099228	.040288	.103047	.049609	.042142
%RSD	1.915498	1.856660	.7189864	1.971995	.9060272	.9377441

#1	5.297456	5.455529	5.558039	5.332281	5.428281	4.457893
#2	5.162714	5.313174	5.617127	5.217706	5.470960	4.483640
#3	5.103557	5.264602	5.635024	5.126634	5.527190	4.540268

Elem	Sr4077
Units	ppm
Avg	4.413451
Stddev	.035171
%RSD	.7969062

#1	4.381779
#2	4.407271
#3	4.451302

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	952.6293	1010.804	43124.72	10080.69	1898.643
Stddev	4.3888	16.663	236.88	70.76	29.431
%RSD	.4607034	1.648453	.5493008	.7019574	1.550109

#1	947.7962	993.572	42855.40	10146.55	1868.861
#2	953.7258	1012.009	43217.95	10089.65	1899.359
#3	956.3658	1026.831	43300.81	10005.88	1927.710

Sample Name: CCB009 Acquired: 10/3/2017 22:18:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014115	-.001701	.0012227	.0009190	-.000394	.0055496	-.004630
Stddev	.0048462	.001534	.0018299	.0007573	.000218	.0016891	.000423
%RSD	343.3343	90.16392	149.6651	82.39693	55.40491	30.43624	9.132243

#1	-.004120	-.001720	.0031338	.0007659	-.000615	.0074644	-.004329
#2	.004910	-.000158	-.000513	.0017411	-.000179	.0042709	-.005114
#3	.003445	-.003226	.001048	.0002501	-.000388	.0049135	-.004448

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000049	-.000025	.0157149	.0000929	.0001874	.0000305	.0078265
Stddev	.000098	.000072	.0053899	.0005791	.0003080	.0003340	.0081993
%RSD	200.6044	286.1992	34.29783	623.2242	164.3529	1094.267	104.7637

#1	-.000046	.000050	.0205801	-.000576	.0005428	.0003626	.0127032
#2	-.000149	-.000032	.0166436	.000410	.0000206	-.000305	-.001640
#3	.000048	-.000094	.0099210	.000444	-.000001	.000034	.012416

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001493	.0182636	.0000422	.0006799	.0137591	-.000308	-.000790
Stddev	.0002719	.0118830	.0001873	.0003710	.0326182	.001392	.001819
%RSD	182.1390	65.06406	443.5879	54.57576	237.0665	451.8576	230.2700

#1	-.000057	.0314796	-.000137	.0002893	.0338703	-.001098	.001208
#2	.000458	.0084605	.000237	.0010277	-.023875	.001299	-.002350
#3	.000047	.0148507	.000027	.0007227	.031282	-.001126	-.001228

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106407	-.007743	.0023115	.0001848	-.003747	-.000937	.0021224
Stddev	.0123499	.008505	.0008620	.0001053	.003558	.001194	.0013277
%RSD	116.0624	109.8383	37.29319	56.96532	94.94765	127.4000	62.55911

#1	.0245841	-.006246	.0029697	.0000637	-.000749	.000027	.0029912
#2	.0062586	-.016897	.0013357	.0002545	-.002813	-.000565	.0027820
#3	.0010794	-.000086	.0026291	.0002363	-.007679	-.002273	.0005940

Sample Name: CCB009 Acquired: 10/3/2017 22:18:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v190) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB009 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008251	-.000827	-.000799
Stddev	.0005610	.000051	.000025
%RSD	67.99396	6.117795	3.145874

#1	.0002441	-.000862	-.000774
#2	.0008675	-.000850	-.000799
#3	.0013636	-.000769	-.000824

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1243.029	1289.010	54548.62	11496.51	2960.725
Stddev	12.548	3.722	142.14	34.74	10.542
%RSD	1.009457	.2887554	.2605680	.3021976	.3560750

#1	1254.298	1286.454	54711.19	11511.10	2949.667
#2	1245.280	1287.295	54486.89	11456.85	2961.845
#3	1229.507	1293.280	54447.80	11521.58	2970.662