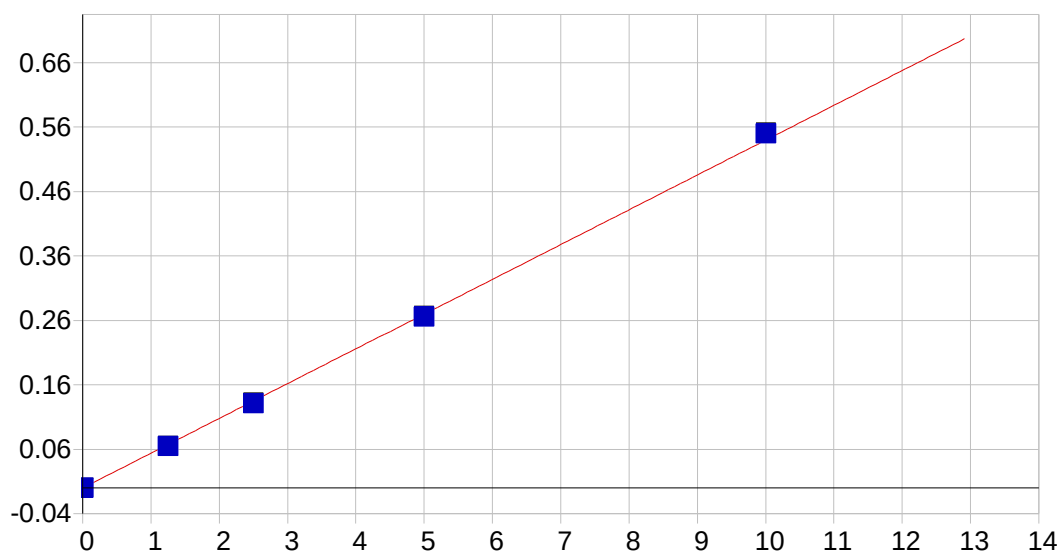


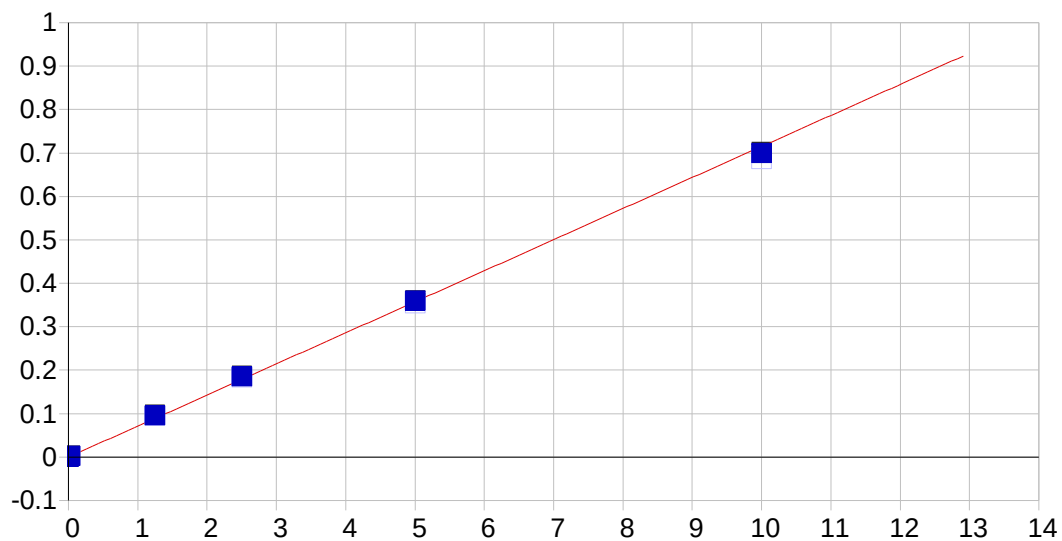


As 189.042 {479}

Date of Fit: 8/15/2017 11:33:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000315 Re-Slope: 1.000000
 A1 (Gain): 0.054028 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999774 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.003176
 Predicted MQL: 0.010587

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00032	.000	1
S1	.01000	.00846	-.002	-15.4	.00014	.000	1
S2	1.2500	1.2012	-.049	-3.90	.06457	.000	1
S3	2.5000	2.4336	-.066	-2.66	.13113	.000	1
S4	5.0000	4.9282	-.072	-1.44	.26587	.001	1
S5	10.000	10.189	.189	1.89	.55000	.001	1



Date of Fit: 8/15/2017 11:33:35

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000158

Re-Slope: 1.000000

A1 (Gain): 0.071524

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999544

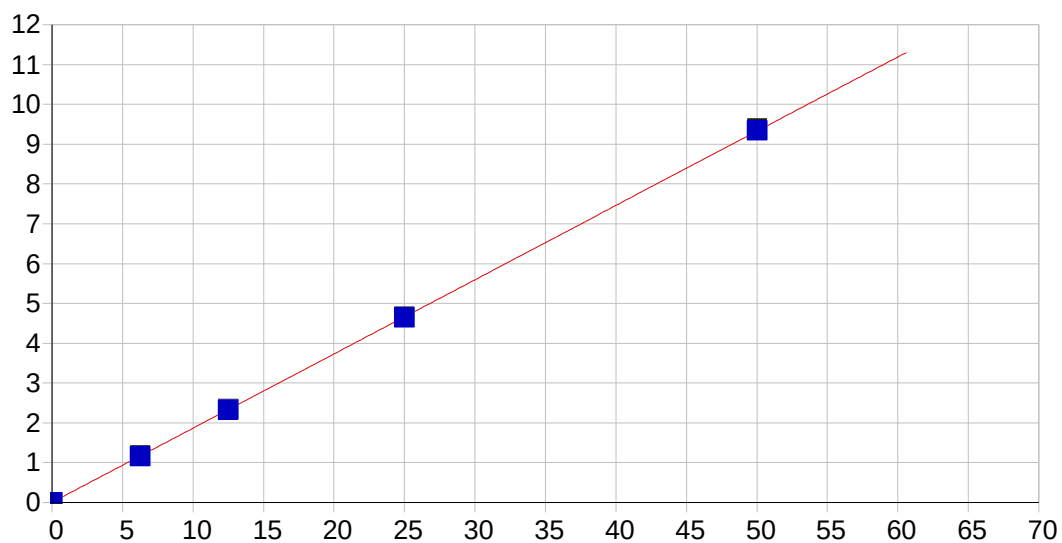
Status: OK.

Std Error of Est: 0.000056

Predicted MDL: 0.001705

Predicted MQL: 0.005682

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00016	.000	1
S1	.02500	.02852	.004	14.1	.00173	.000	1
S2	1.2500	1.3419	.092	7.35	.09420	.001	1
S3	2.5000	2.6013	.101	4.05	.18265	.000	1
S4	5.0000	5.0275	.027	.550	.35293	.001	1
S5	10.000	9.7760	-.224	-2.24	.68607	.002	1

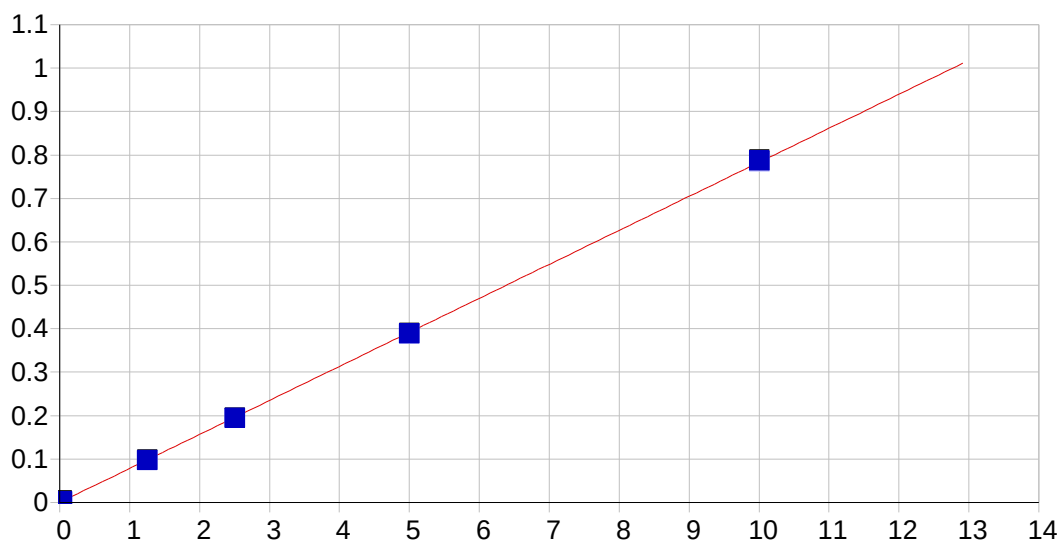


Pb 220.353 {453}

Date of Fit: 8/15/2017 11:33:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000495 Re-Slope: 1.000000
 A1 (Gain): 0.186498 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999997 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.001351
 Predicted MQL: 0.004504

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00049	.000	1
S1	.01000	.00934	-.001	-6.55	.00223	.000	1
S2	6.2500	6.2346	-.015	-.246	1.1636	.008	1
S3	12.500	12.500	.000	.000	2.3324	.004	1
S4	25.000	24.917	-.083	-.334	4.6488	.010	1
S5	50.000	50.100	.100	.199	9.3467	.034	1

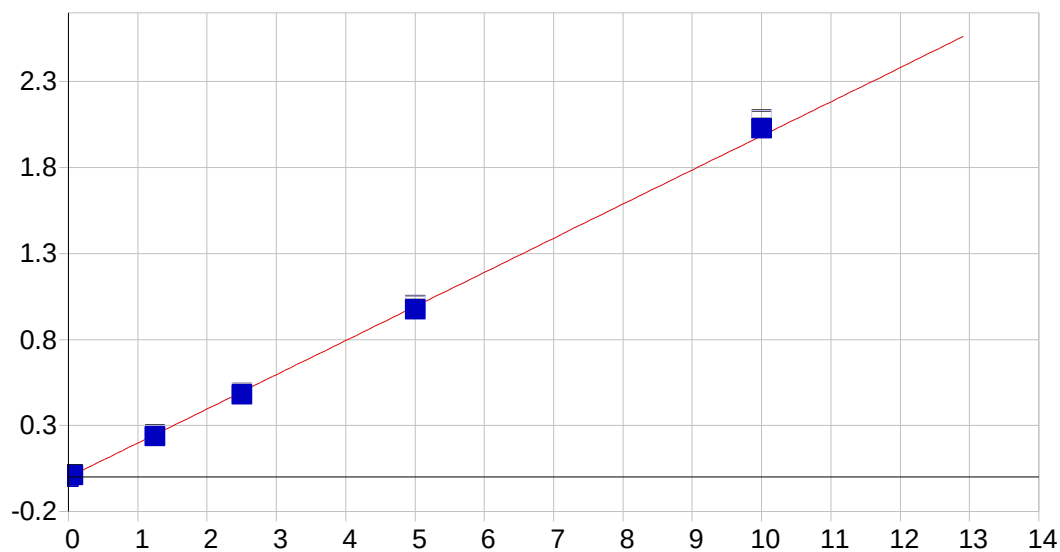


Se 196.090 {472}

Date of Fit: 8/15/2017 11:33:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000172 Re-Slope: 1.000000
 A1 (Gain): 0.078300 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.002717
 Predicted MQL: 0.009056

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00017	.000	1
S1	.03500	.03682	.002	5.19	.00305	.000	1
S2	1.2500	1.2418	-.008	-.657	.09704	.001	1
S3	2.5000	2.4871	-.013	-.516	.19419	.000	1
S4	5.0000	4.9684	-.032	-.632	.38775	.001	1
S5	10.000	10.051	.051	.509	.78426	.002	1

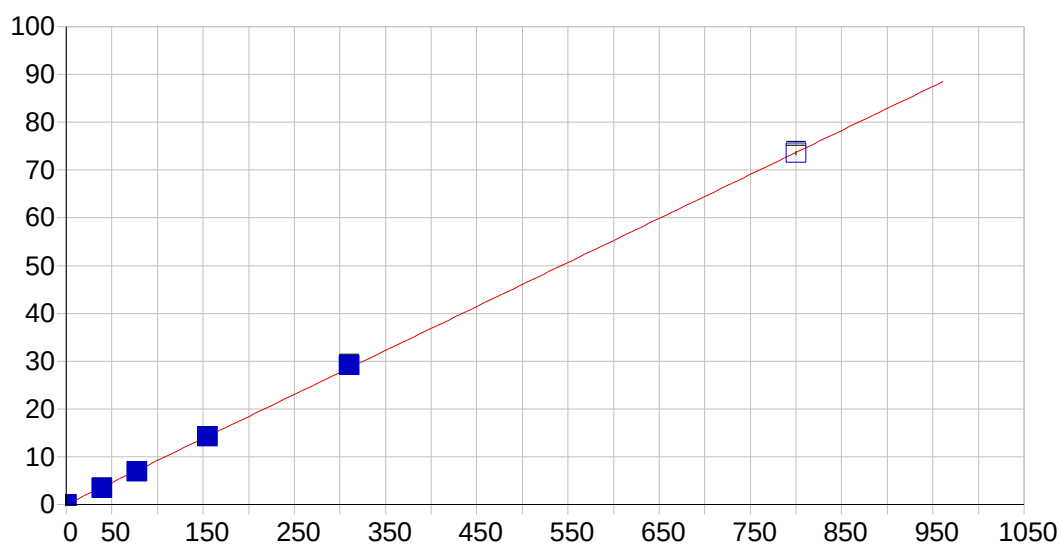


Sb 206.833 {463}

Date of Fit: 8/15/2017 11:33:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000114 Re-Slope: 1.000000
 A1 (Gain): 0.198465 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999721 Status: OK.
 Std Error of Est: 0.000197
 Predicted MDL: 0.001304
 Predicted MQL: 0.004347

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00011	.000	1
S1	.06000	.06006	.000	.097	.01180	.001	1
S2	1.2500	1.2018	-.048	-3.85	.24437	.001	1
S3	2.5000	2.4203	-.080	-3.19	.49215	.001	1
S4	5.0000	4.9072	-.093	-1.86	.99764	.002	1
S5	10.000	10.221	.221	2.21	2.0760	.003	1



AI 396.152 { 85}

Date of Fit: 8/15/2017 11:33:35

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000645

Re-Slope: 1.000000

A1 (Gain): 0.092100

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999883

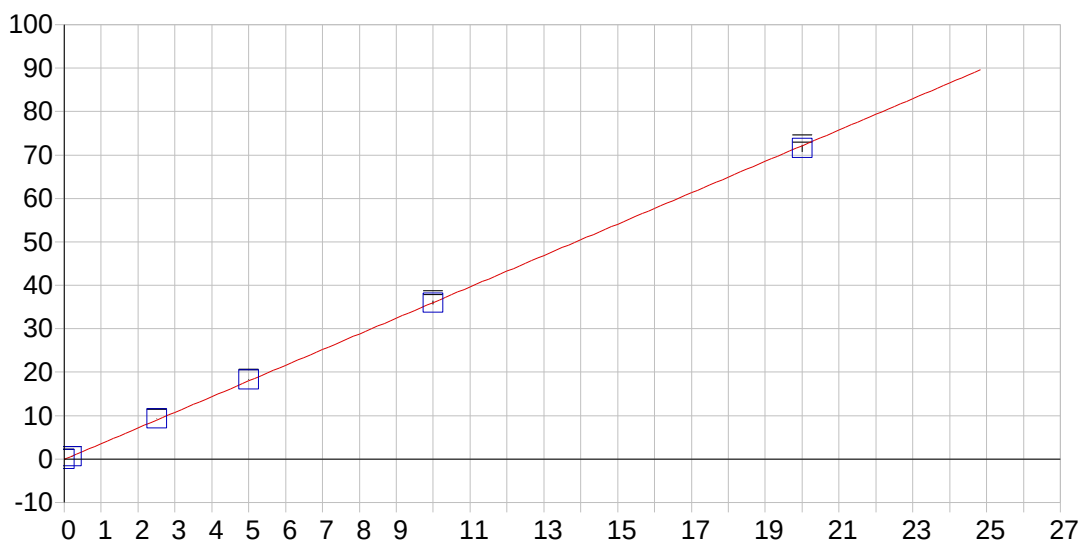
Status: OK.

Std Error of Est: 0.000875

Predicted MDL: 0.004594

Predicted MQL: 0.015313

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00065	.000	1
S1	.20000	.19107	-.009	-4.46	.01828	.001	1
S2	38.750	36.911	-1.84	-4.75	3.4044	.012	1
S3	77.500	74.804	-2.70	-3.48	6.8986	.047	1
S4	155.00	154.22	-.785	-.506	14.221	.056	1
S5	310.00	316.48	6.48	2.09	29.182	.186	1
S6	800.00	798.85	-1.15	-.143	73.575	.415	1

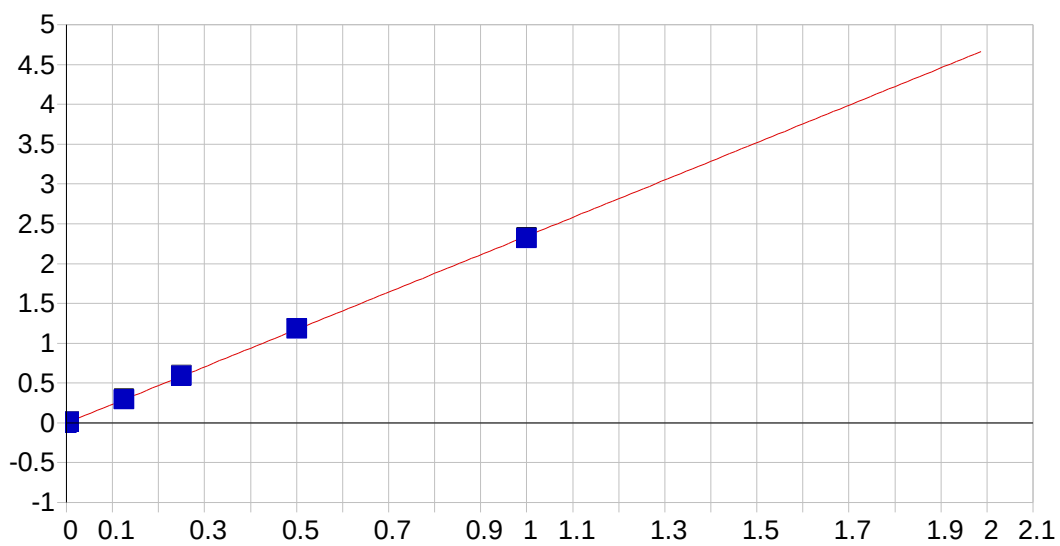


Ba 493.409 { 68}

Date of Fit: 8/15/2017 11:33:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.077752 Re-Slope: 1.000000
 A1 (Gain): 3.611013 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999878 Status: OK.
 Std Error of Est: 0.006001
 Predicted MDL: 0.000437
 Predicted MQL: 0.001456

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.07771	.002	1
S1	.20000	.17792	-.022	-11.0	.56471	.017	1
S2	2.5000	2.5942	.094	3.77	9.2898	.033	1
S3	5.0000	5.0964	.096	1.93	18.325	.044	1
S4	10.000	9.9972	-.003	-.028	36.022	.397	1
S5	20.000	19.834	-.166	-.828	71.544	.828	1

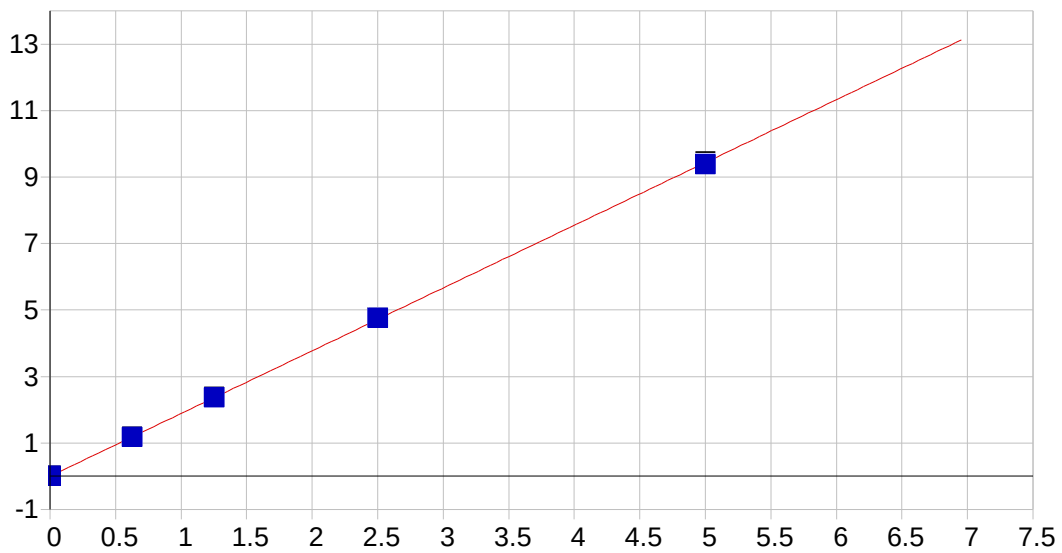


Be 234.861 {144}

Date of Fit: 8/15/2017 11:33:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001183 Re-Slope: 1.000000
 A1 (Gain): 2.346649 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999896 Status: OK.
 Std Error of Est: 0.000126
 Predicted MDL: 0.000087
 Predicted MQL: 0.000290

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00119	.000	1
S1	.00500	.00577	.001	15.4	.01235	.000	1
S2	.12500	.12735	.002	1.88	.29668	.001	1
S3	.25000	.25390	.004	1.56	.59266	.005	1
S4	.50000	.50423	.004	.846	1.1781	.002	1
S5	1.0000	.98874	-.011	-1.13	2.3112	.008	1

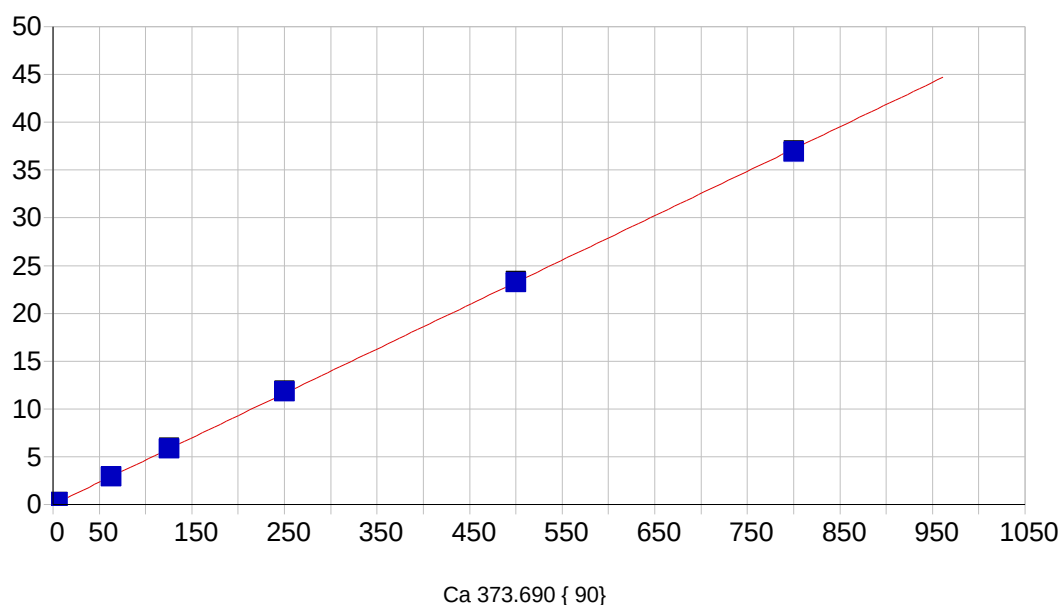


Cd 214.438 {457}

Date of Fit: 8/15/2017 11:33:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000358 Re-Slope: 1.000000
 A1 (Gain): 1.887677 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000104
 Predicted MDL: 0.000095
 Predicted MQL: 0.000317

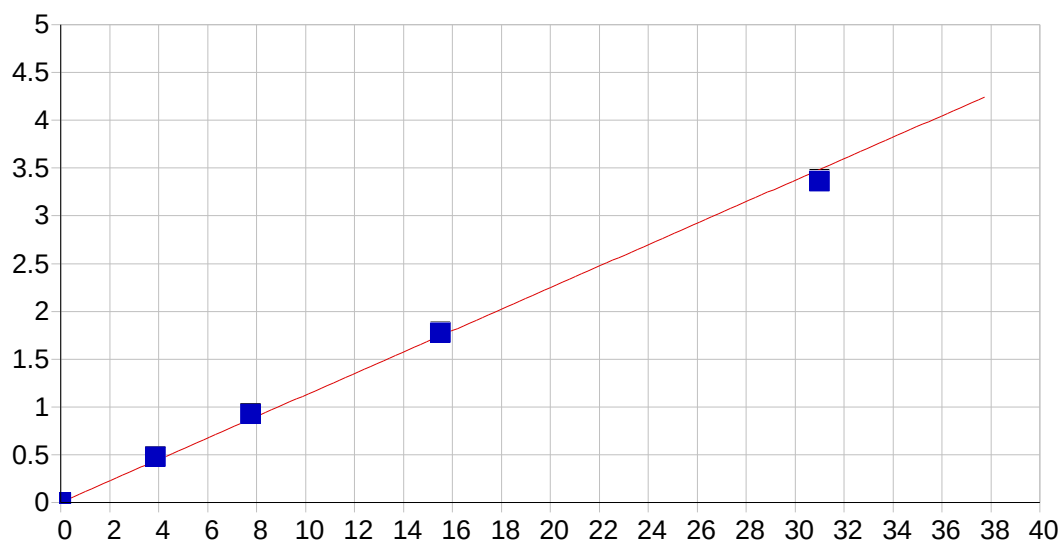
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00036	.000	1
S1	.00500	.00539	.000	7.84	.00983	.001	1
S2	.62500	.62327	-.002	-.276	1.1790	.007	1
S3	1.2500	1.2581	.008	.646	2.3800	.007	1
S4	2.5000	2.5206	.021	.824	4.7688	.014	1
S5	5.0000	4.9727	-.027	-.547	9.4086	.056	1



Date of Fit: 8/15/2017 11:33:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001268 Re-Slope: 1.000000
 A1 (Gain): 0.046495 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964 Status: OK.
 Std Error of Est: 0.001374
 Predicted MDL: 0.008656
 Predicted MQL: 0.028853

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00006	.000	.000	.00126	.000	1
S1	5.0000	4.9697	-.030	-.606	.23232	.004	1
S2	62.500	62.407	-.093	-.149	2.8993	.014	1
S3	125.00	126.14	1.14	.916	5.8593	.060	1
S4	250.00	254.25	4.25	1.70	11.808	.057	1
S5	500.00	500.49	.486	.097	23.243	.093	1
S6	800.00	794.24	-5.76	-.720	36.854	.094	1

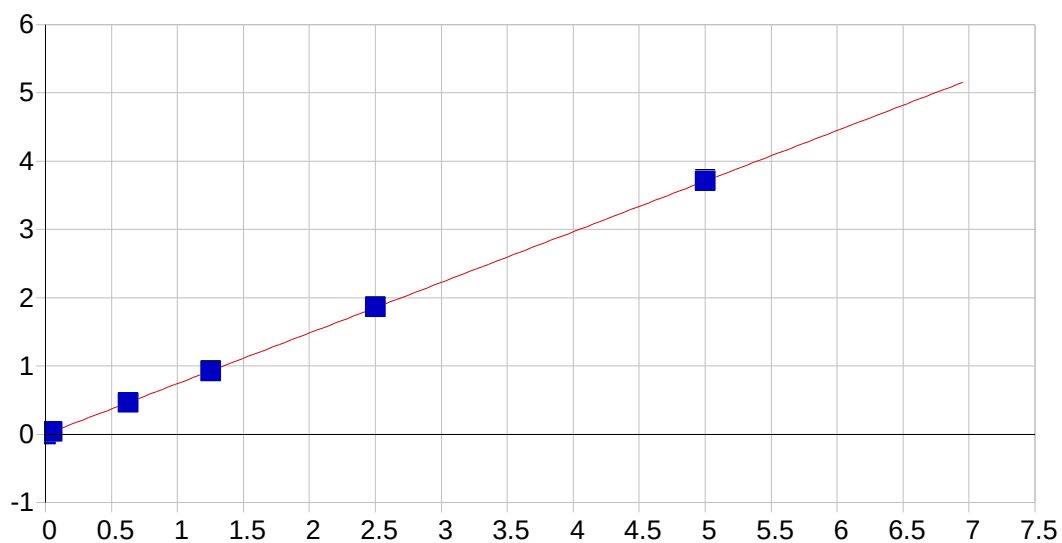


Cr 267.716 {126}

Date of Fit: 8/15/2017 11:33:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000168 Re-Slope: 1.000000
 A1 (Gain): 0.112403 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999092 Status: OK.
 Std Error of Est: 0.000142
 Predicted MDL: 0.000538
 Predicted MQL: 0.001794

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00017	.000	1
S1	.01000	.01093	.001	9.28	.00141	.000	1
S2	3.8750	4.2243	.349	9.01	.47612	.001	1
S3	7.7500	8.2194	.469	6.06	.92631	.006	1
S4	15.500	15.800	.300	1.94	1.7807	.002	1
S5	31.000	29.880	-1.12	-3.61	3.3678	.012	1

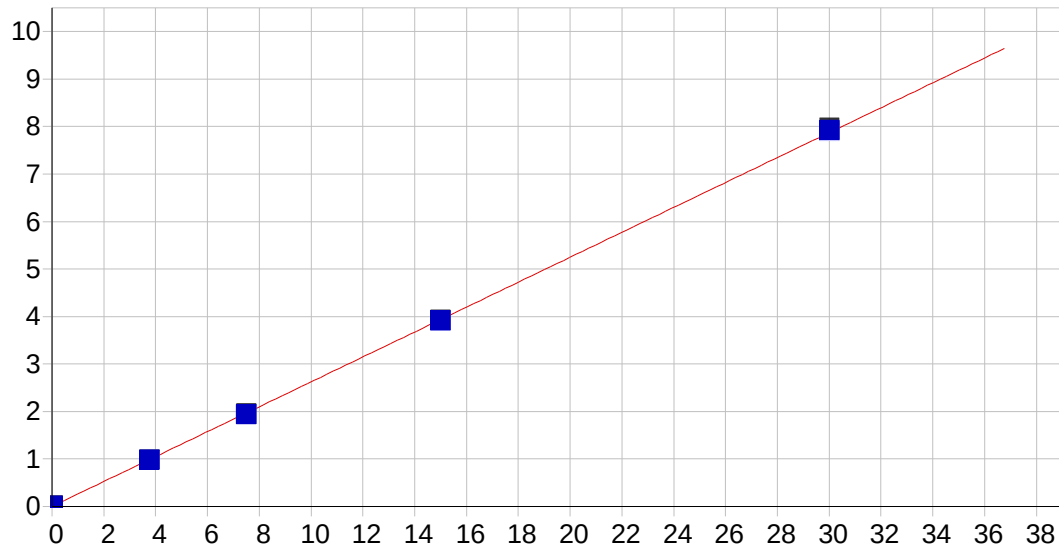


Co 228.616 {448}

Date of Fit: 8/15/2017 11:33:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000325 Re-Slope: 1.000000
 A1 (Gain): 0.741657 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999992 Status: OK.
 Std Error of Est: 0.000081
 Predicted MDL: 0.000236
 Predicted MQL: 0.000788

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00032	.000	1
S1	.05000	.04778	-.002	-4.43	.03525	.001	1
S2	.62500	.62189	-.003	-.497	.46187	.003	1
S3	1.2500	1.2441	-.006	-.469	.92433	.003	1
S4	2.5000	2.5053	.005	.213	1.8616	.004	1
S5	5.0000	5.0059	.006	.117	3.7200	.013	1

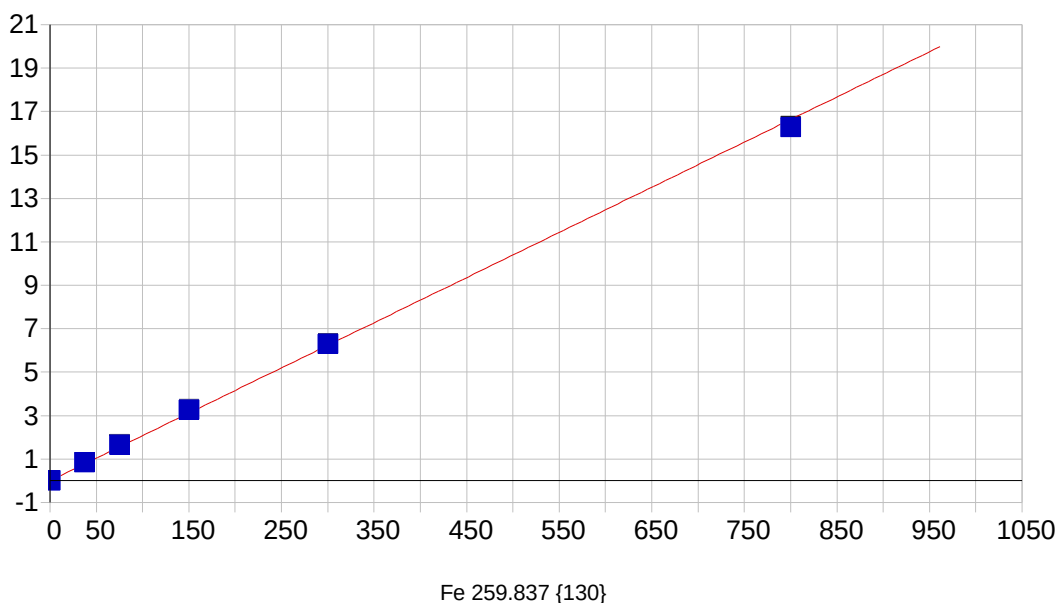


Cu 324.754 {104}

Date of Fit: 8/15/2017 11:33:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001330 Re-Slope: 1.000000
 A1 (Gain): 0.262355 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970 Status: OK.
 Std Error of Est: 0.000093
 Predicted MDL: 0.001060
 Predicted MQL: 0.003535

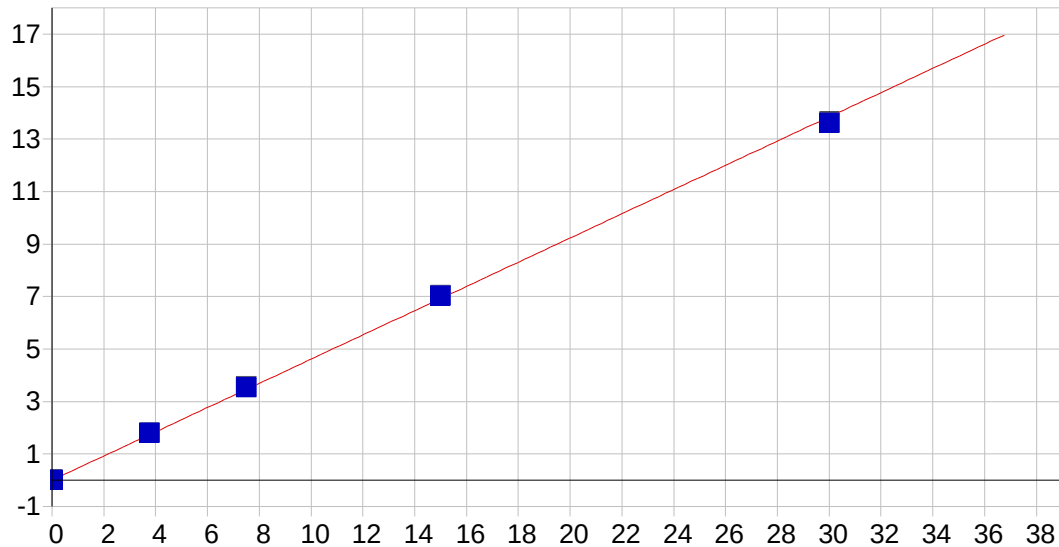
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00133	.000	1
S1	.02500	.02696	.002	7.86	.00836	.000	1
S2	3.7500	3.7349	-.015	-.403	.97839	.005	1
S3	7.5000	7.3938	-.106	-1.42	1.9355	.006	1
S4	15.000	14.924	-.076	-.504	3.9056	.014	1
S5	30.000	30.195	.195	.650	7.9007	.052	1



Date of Fit: 8/15/2017 11:33:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000058 Re-Slope: 1.000000
 A1 (Gain): 0.020791 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999544 Status: OK.
 Std Error of Est: 0.000275
 Predicted MDL: 0.006533
 Predicted MQL: 0.021778

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00006	.000	1
S1	.10000	.11457	.015	14.6	.00245	.000	1
S2	37.500	40.343	2.84	7.58	.83976	.004	1
S3	75.000	79.707	4.71	6.28	1.6591	.013	1
S4	150.00	156.93	6.93	4.62	3.2666	.015	1
S5	300.00	303.00	3.00	1.000	6.3072	.029	1
S6	800.00	782.49	-17.5	-2.19	16.277	.039	1

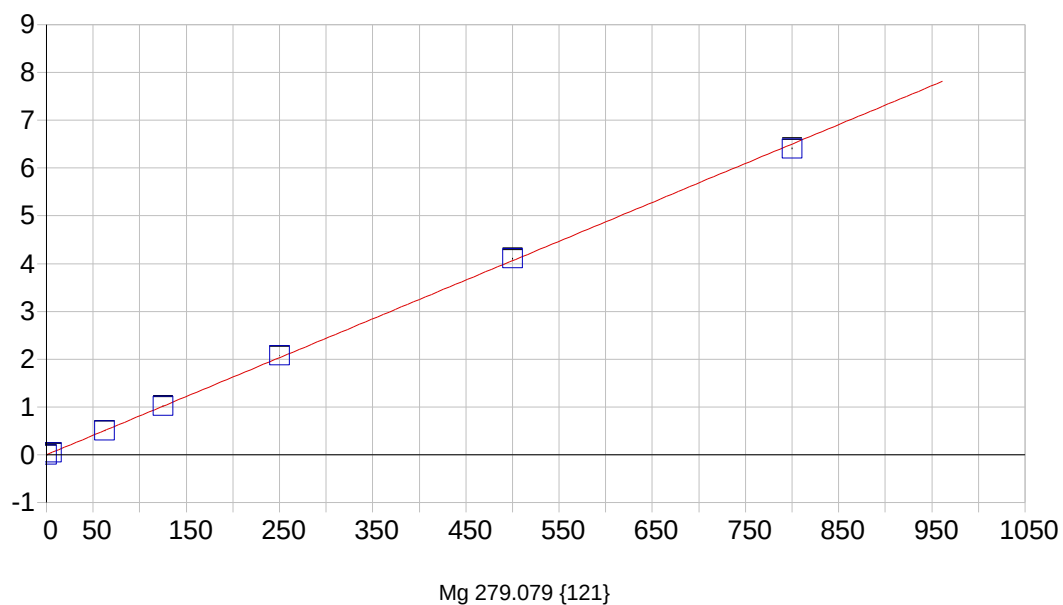


Mn 257.610 {131}

Date of Fit: 8/15/2017 11:33:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000069 Re-Slope: 1.000000
 A1 (Gain): 0.461564 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999806 Status: OK.
 Std Error of Est: 0.000324
 Predicted MDL: 0.000332
 Predicted MQL: 0.001107

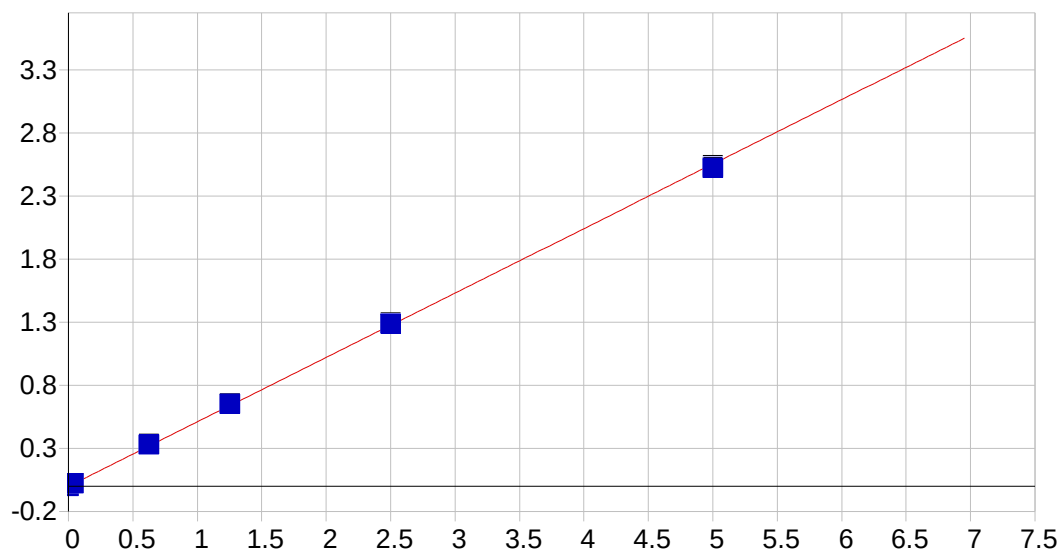
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00007	.000	1
S1	.01500	.01647	.001	9.83	.00754	.000	1
S2	3.7500	3.8827	.133	3.54	1.7924	.007	1
S3	7.5000	7.6817	.182	2.42	3.5463	.036	1
S4	15.000	15.217	.217	1.45	7.0252	.027	1
S5	30.000	29.467	-.533	-1.78	13.604	.046	1



Date of Fit: 8/15/2017 11:33:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000087 Re-Slope: 1.000000
 A1 (Gain): 0.008126 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999901 Status: OK.
 Std Error of Est: 0.000399
 Predicted MDL: 0.019633
 Predicted MQL: 0.065442

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	-.00009	.000	1
S1	5.0000	4.8885	-.112	-2.23	.03964	.001	1
S2	62.500	61.896	-.604	-.966	.50288	.002	1
S3	125.00	126.00	1.00	.803	1.0238	.010	1
S4	250.00	255.42	5.42	2.17	2.0754	.007	1
S5	500.00	505.38	5.38	1.08	4.1065	.015	1
S6	800.00	788.92	-11.1	-1.38	6.4106	.017	1

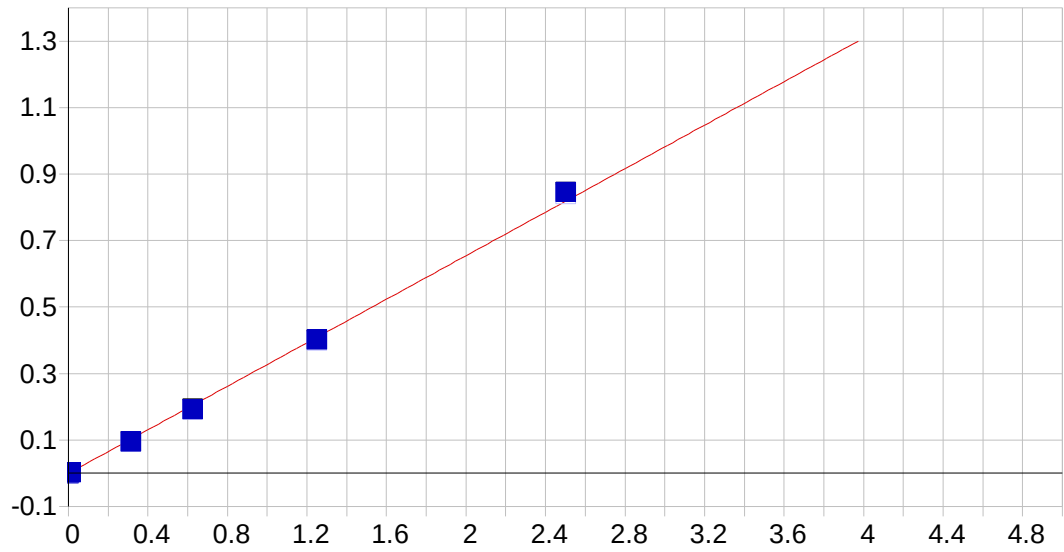


Ni 231.604 {446}

Date of Fit: 8/15/2017 11:33:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000253 Re-Slope: 1.000000
 A1 (Gain): 0.510415 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999888 Status: OK.
 Std Error of Est: 0.000183
 Predicted MDL: 0.000395
 Predicted MQL: 0.001316

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00025	.000	1
S1	.04000	.04072	.001	1.79	.02056	.001	1
S2	.62500	.64566	.021	3.31	.33098	.002	1
S3	1.2500	1.2741	.024	1.93	.65342	.002	1
S4	2.5000	2.5191	.019	.764	1.2923	.002	1
S5	5.0000	4.9354	-.065	-1.29	2.5323	.010	1

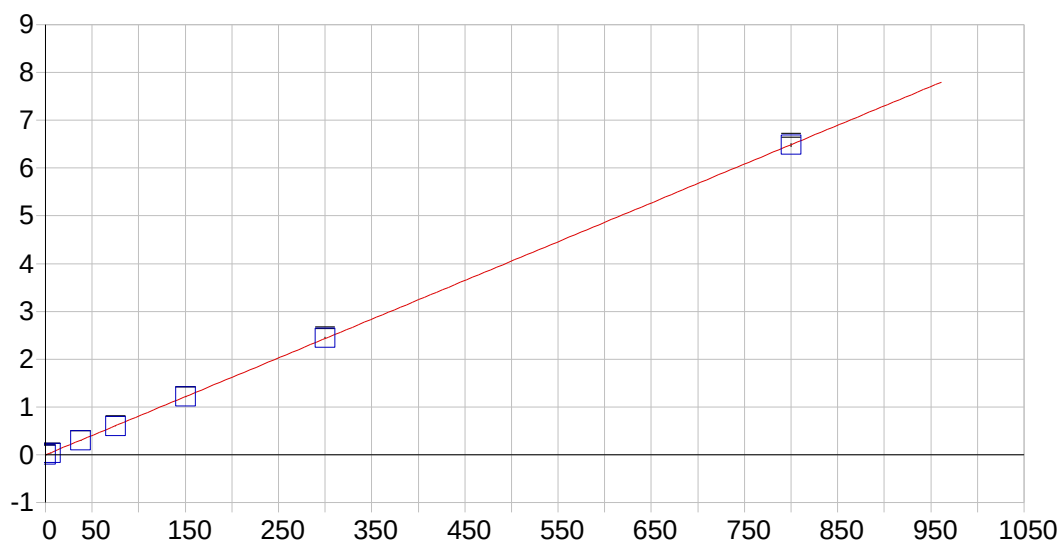


Ag 328.068 {103}

Date of Fit: 8/15/2017 11:33:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000209 Re-Slope: 1.000000
 A1 (Gain): 0.327275 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999258 Status: OK.
 Std Error of Est: 0.000105
 Predicted MDL: 0.000317
 Predicted MQL: 0.001056

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00021	.000	1
S1	.01000	.00969	.000	-3.15	.00295	.000	1
S2	.31250	.29023	-.022	-7.13	.09408	.000	1
S3	.62500	.58917	-.036	-5.73	.19122	.001	1
S4	1.2500	1.2255	-.025	-1.96	.39807	.001	1
S5	2.5000	2.5829	.083	3.32	.83954	.001	1

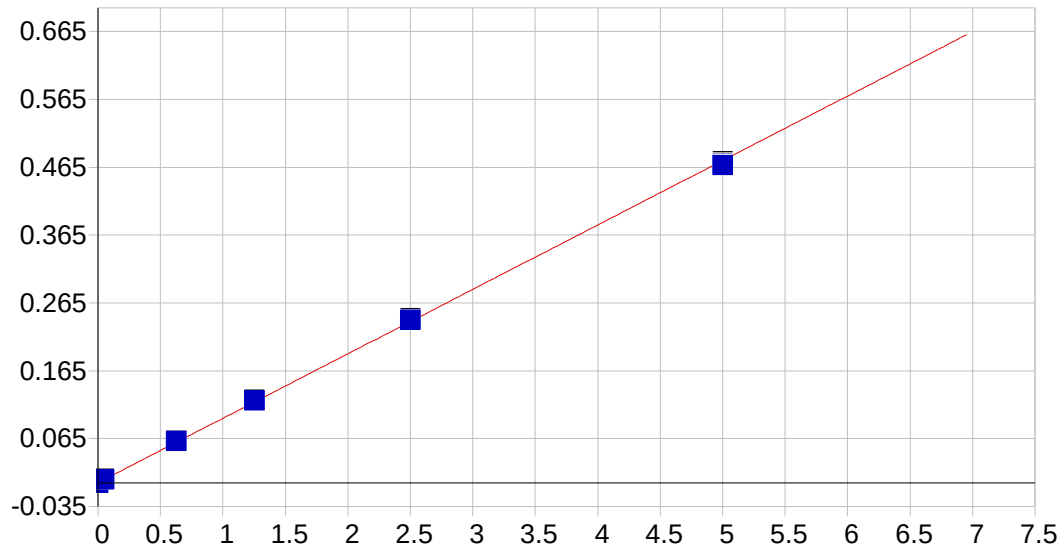


Na 818.326 { 41}

Date of Fit: 8/15/2017 11:33:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002337 Re-Slope: 1.000000
 A1 (Gain): 0.008112 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984 Status: OK.
 Std Error of Est: 0.000141
 Predicted MDL: 0.111085
 Predicted MQL: 0.370284

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00024	.000	.000	-.00234	.001	1
S1	5.0000	4.8736	-.126	-2.53	.03720	.001	1
S2	37.500	36.780	-.720	-1.92	.29603	.002	1
S3	75.000	74.138	-.862	-1.15	.59907	.004	1
S4	150.00	150.19	.194	.130	1.2160	.005	1
S5	300.00	302.15	2.15	.715	2.4487	.018	1
S6	800.00	799.37	-.632	-.079	6.4822	.039	1



V 292.402 {115}

Date of Fit: 8/15/2017 11:33:35

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000069

Re-Slope: 1.000000

A1 (Gain): 0.094974

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999866

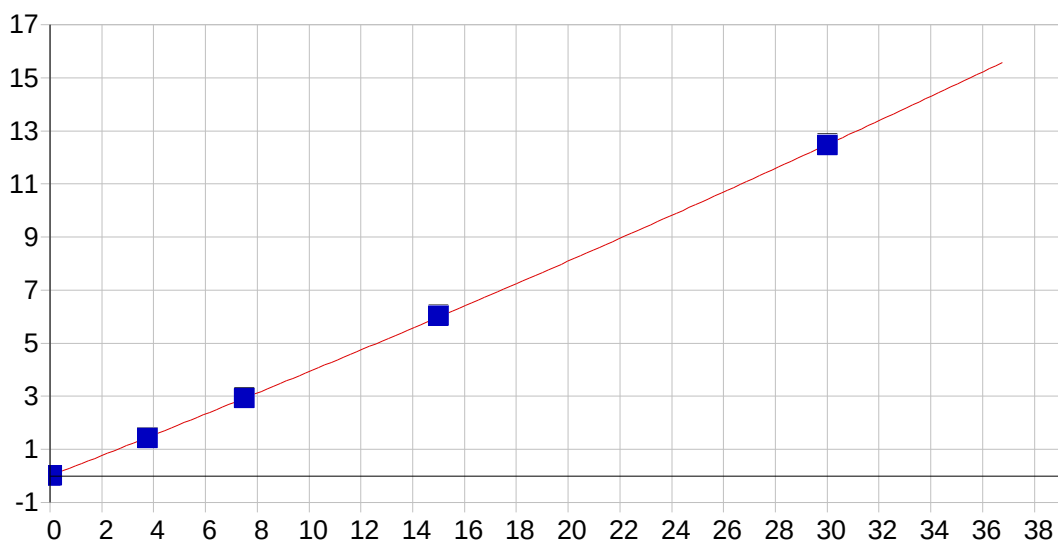
Status: OK.

Std Error of Est: 0.000042

Predicted MDL: 0.001928

Predicted MQL: 0.006427

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00007	.000	1
S1	.05000	.05084	.001	1.69	.00491	.000	1
S2	.62500	.64786	.023	3.66	.06184	.000	1
S3	1.2500	1.2715	.022	1.72	.12132	.001	1
S4	2.5000	2.5270	.027	1.08	.24105	.001	1
S5	5.0000	4.9278	-.072	-1.44	.47005	.003	1



Zn 213.856 {158}

Date of Fit: 8/15/2017 11:33:35

Type of Fit: Curvilinear

Weighting: 1/Conc

A0 (Offset): -0.000195

Re-Slope: 1.000000

A1 (Gain): 0.381687

Y-int: 0.000000

A2 (Curvature): 0.001145

n (Exponent): 1.000000

Correlation: 0.999982

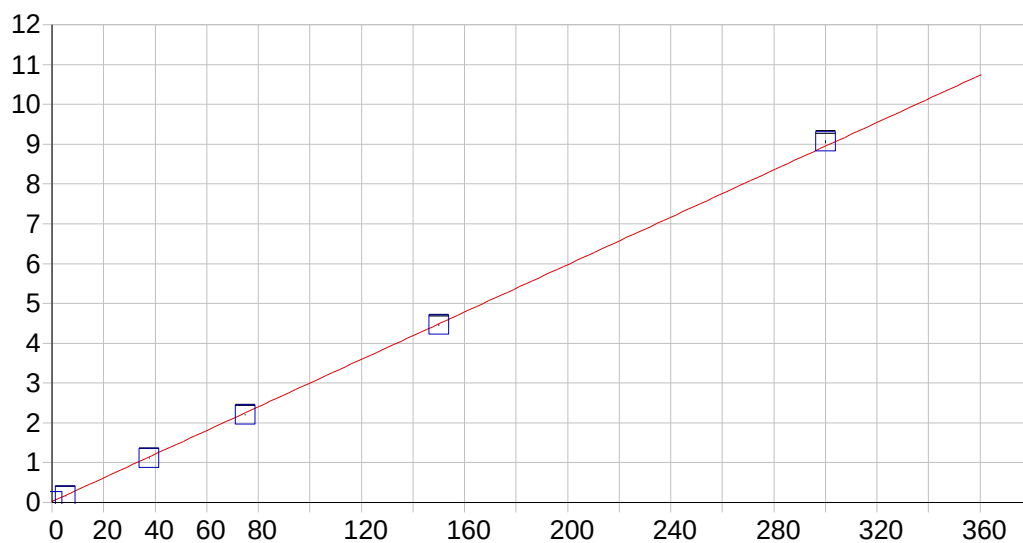
Status: Warning Positive Curvature

Std Error of Est: 0.000200

Predicted MDL: 0.002163

Predicted MQL: 0.007210

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00019	.001	1
S1	.06000	.05711	-.003	-4.82	.02169	.001	1
S2	3.7500	3.6993	-.051	-1.35	1.4309	.012	1
S3	7.5000	7.4746	-.025	-.339	2.9236	.017	1
S4	15.000	15.125	.125	.834	6.0486	.021	1
S5	30.000	29.953	-.047	-.156	12.488	.026	1

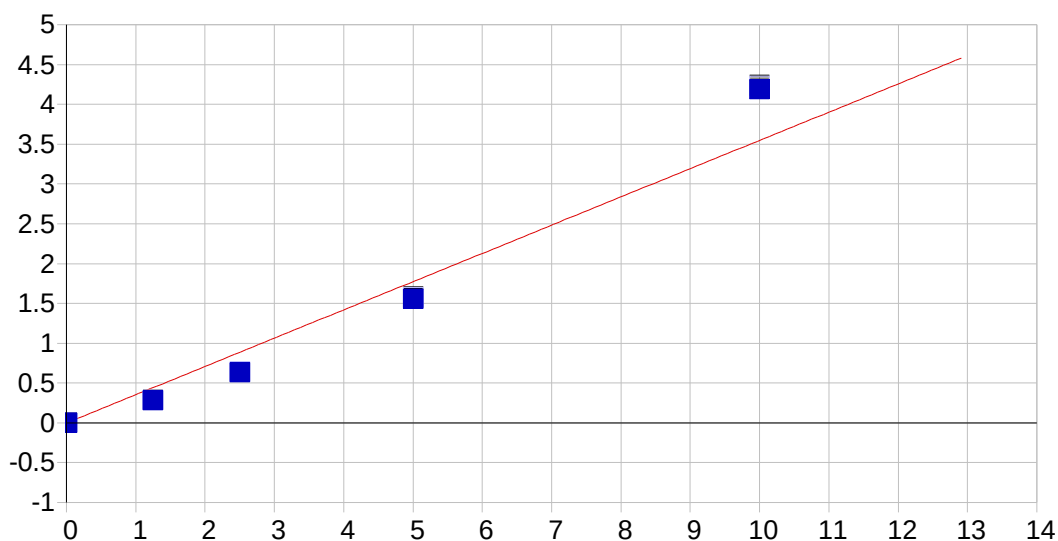


K 769.896 { 44}

Date of Fit: 8/15/2017 11:33:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.023035 Re-Slope: 1.000000
 A1 (Gain): 0.029754 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999892 Status: OK.
 Std Error of Est: 0.000901
 Predicted MDL: 0.028131
 Predicted MQL: 0.093768

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00040	.000	.000	.02305	.001	1
S1	5.0000	4.8003	-.200	-3.99	.16587	.002	1
S2	37.500	36.677	-.823	-2.19	1.1143	.004	1
S3	75.000	73.181	-1.82	-2.43	2.2005	.011	1
S4	150.00	149.10	-.904	-.602	4.4593	.021	1
S5	300.00	303.75	3.75	1.25	9.0608	.038	1

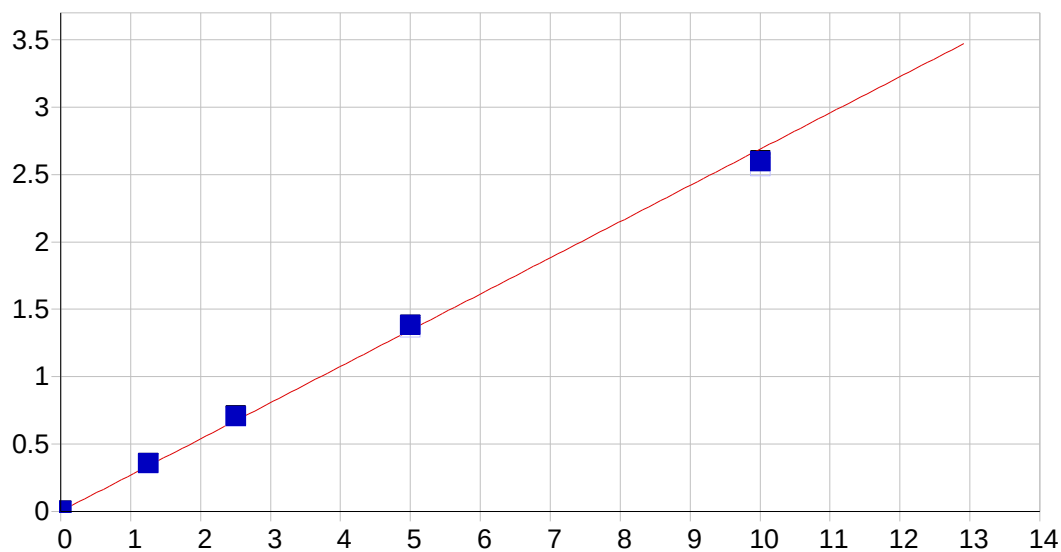


P 177.495 {490}

Date of Fit: 8/15/2017 11:33:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000844 Re-Slope: 1.000000
 A1 (Gain): 0.354790 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.980287 Status: OK.
 Std Error of Est: 0.001214
 Predicted MDL: 0.000292
 Predicted MQL: 0.000975

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00084	.000	1
S1	.01000	.00136	-.009	-86.4	-.00029	.000	1
S2	1.2500	.78983	-.460	-36.8	.28511	.001	1
S3	2.5000	1.7835	-.717	-28.7	.64338	.001	1
S4	5.0000	4.3852	-.615	-12.3	1.5779	.005	1
S5	10.000	11.800	1.80	18.0	4.2316	.009	1

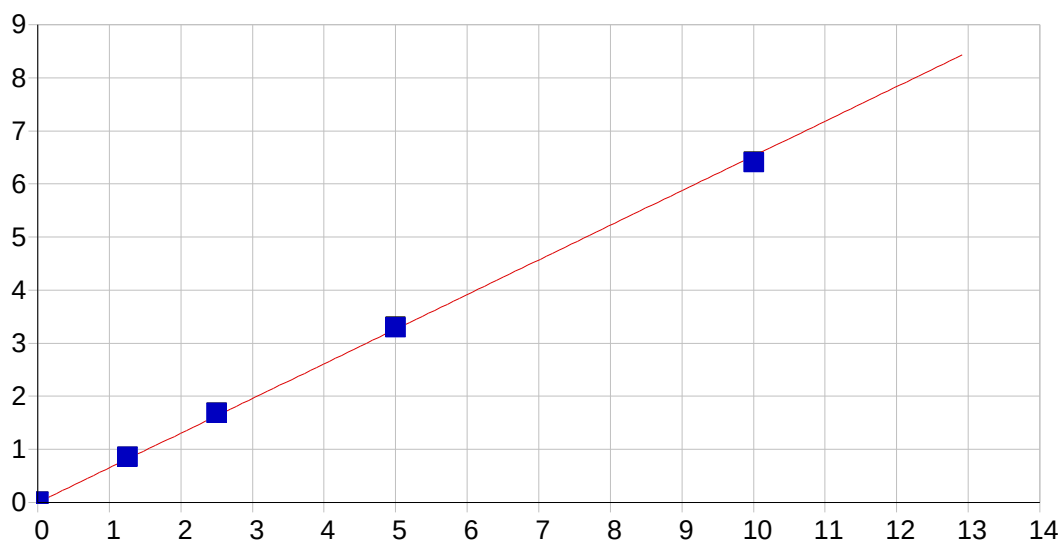


B 249.678 {135}

Date of Fit: 8/15/2017 11:33:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001384 Re-Slope: 1.000000
 A1 (Gain): 0.268721 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999253 Status: OK.
 Std Error of Est: 0.000172
 Predicted MDL: 0.000898
 Predicted MQL: 0.002993

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00138	.000	1
S1	.01000	.01053	.001	5.35	.00422	.000	1
S2	1.2500	1.3240	.074	5.92	.35296	.001	1
S3	2.5000	2.6338	.134	5.35	.70074	.005	1
S4	5.0000	5.1380	.138	2.76	1.3652	.002	1
S5	10.000	9.6536	-.346	-3.46	2.5619	.011	1

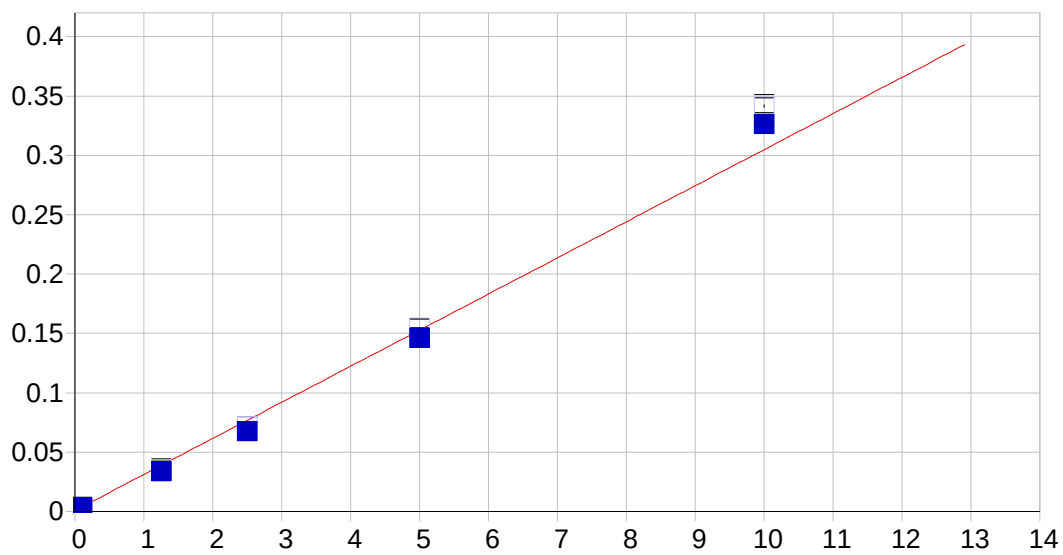


Mo 202.030 {467}

Date of Fit: 8/15/2017 11:33:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000170 Re-Slope: 1.000000
 A1 (Gain): 0.652729 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999739 Status: OK.
 Std Error of Est: 0.000250
 Predicted MDL: 0.000317
 Predicted MQL: 0.001057

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00017	.000	1
S1	.01000	.01168	.002	16.8	.00781	.000	1
S2	1.2500	1.3094	.059	4.75	.85559	.005	1
S3	2.5000	2.5810	.081	3.24	1.6863	.001	1
S4	5.0000	5.0482	.048	.964	3.2982	.008	1
S5	10.000	9.8097	-.190	-1.90	6.4092	.005	1

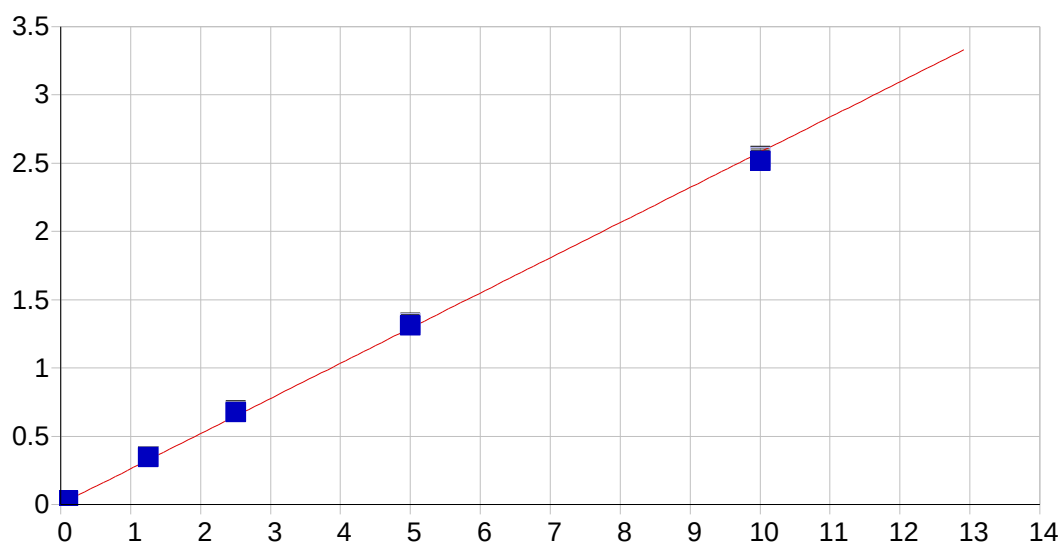


S 182.034 {485}

Date of Fit: 8/15/2017 11:33:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000742 Re-Slope: 1.000000
 A1 (Gain): 0.030405 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997164 Status: OK.
 Std Error of Est: 0.000128
 Predicted MDL: 0.003550
 Predicted MQL: 0.011834

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00074	.000	1
S1	.10000	.08455	-.015	-15.5	.00332	.000	1
S2	1.2500	1.0862	-.164	-13.1	.03570	.000	1
S3	2.5000	2.2003	-.300	-12.0	.07151	.000	1
S4	5.0000	4.7788	-.221	-4.42	.15377	.000	1
S5	10.000	10.699	.699	6.99	.34152	.001	1

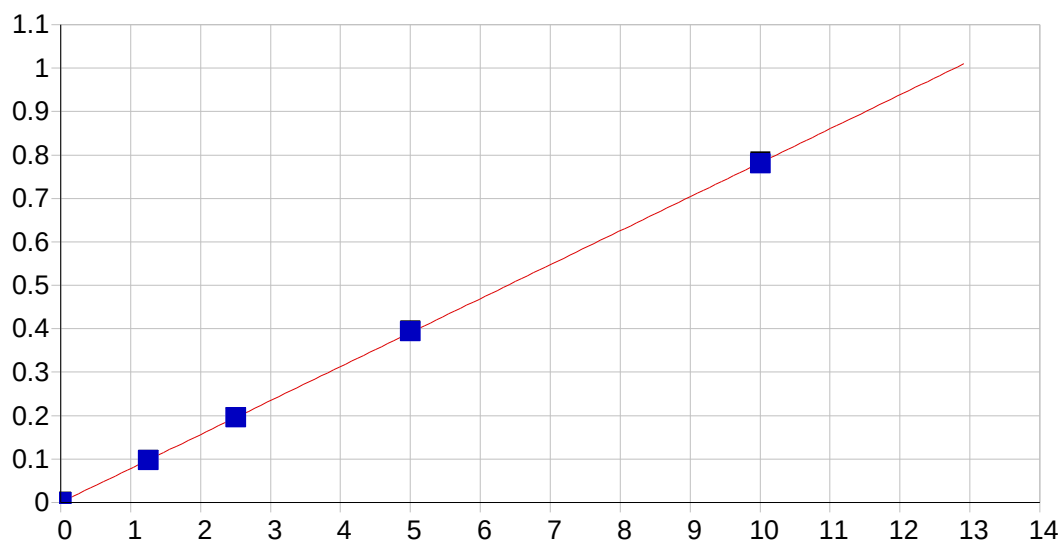


Si 251.611 {134}

Date of Fit: 8/15/2017 11:33:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003694 Re-Slope: 1.000000
 A1 (Gain): 0.257651 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999563 Status: OK.
 Std Error of Est: 0.000409
 Predicted MDL: 0.000972
 Predicted MQL: 0.003239

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00369	.000	1
S1	.10000	.09893	-.001	-1.07	.02928	.000	1
S2	1.2500	1.3333	.083	6.67	.35102	.001	1
S3	2.5000	2.5981	.098	3.93	.68069	.005	1
S4	5.0000	5.0724	.072	1.45	1.3258	.005	1
S5	10.000	9.7472	-.253	-2.53	2.5454	.008	1

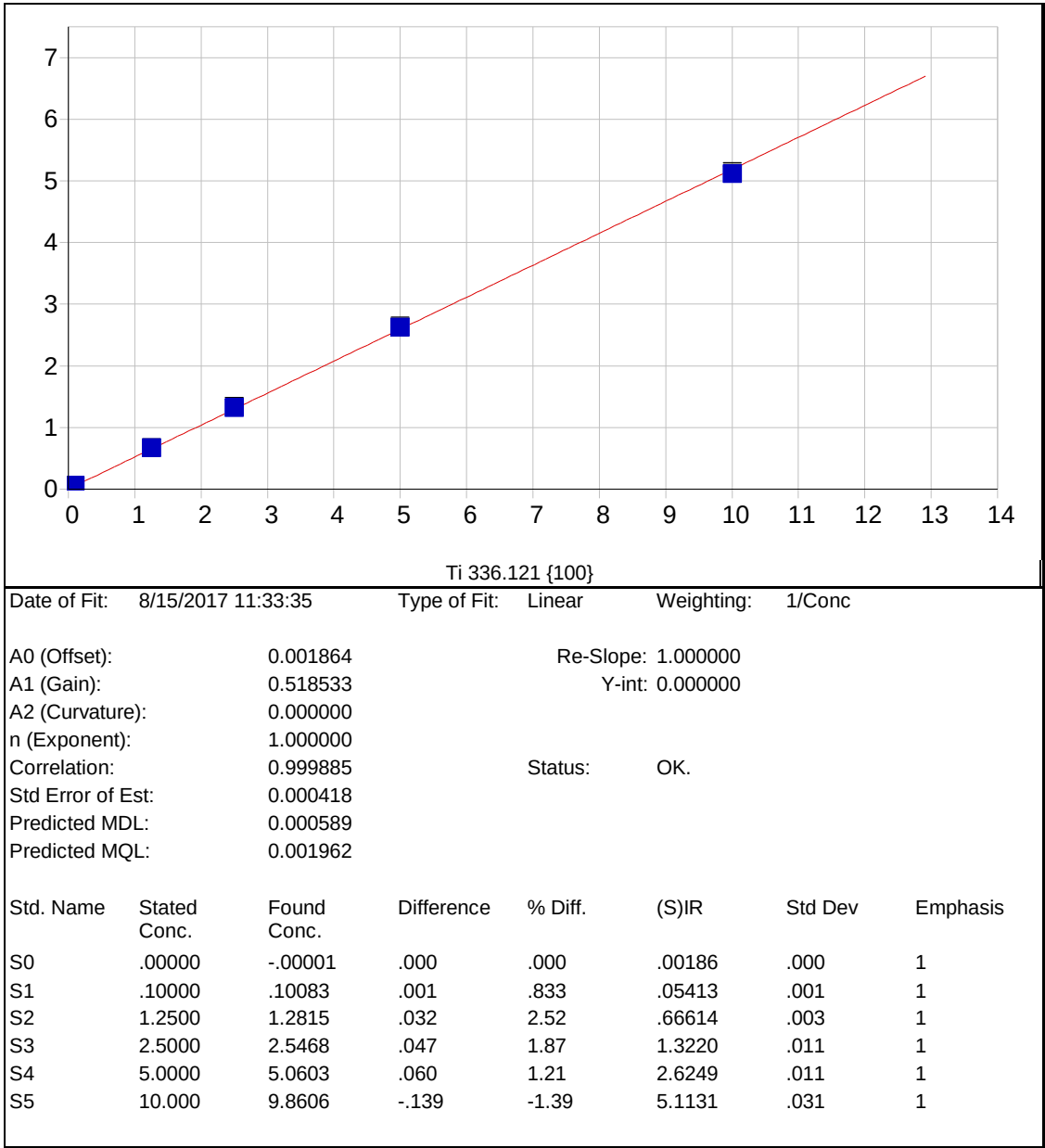


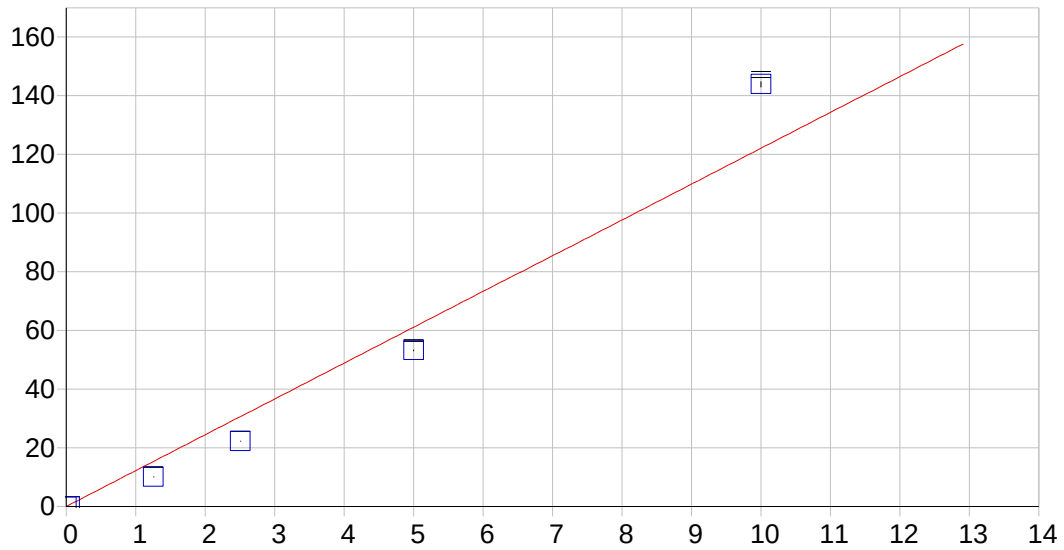
Sn 189.989 {478}

Date of Fit: 8/15/2017 11:33:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000059 Re-Slope: 1.000000
 A1 (Gain): 0.078202 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989 Status: OK.
 Std Error of Est: 0.000005
 Predicted MDL: 0.001206
 Predicted MQL: 0.004019

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00006	.000	1
S1	.00700	.00694	.000	-.878	.00059	.000	1
S2	1.2500	1.2367	-.013	-1.06	.09670	.000	1
S3	2.5000	2.4980	-.002	-.079	.19525	.000	1
S4	5.0000	5.0350	.035	.701	.39350	.001	1
S5	10.000	9.9803	-.020	-.197	.77992	.004	1



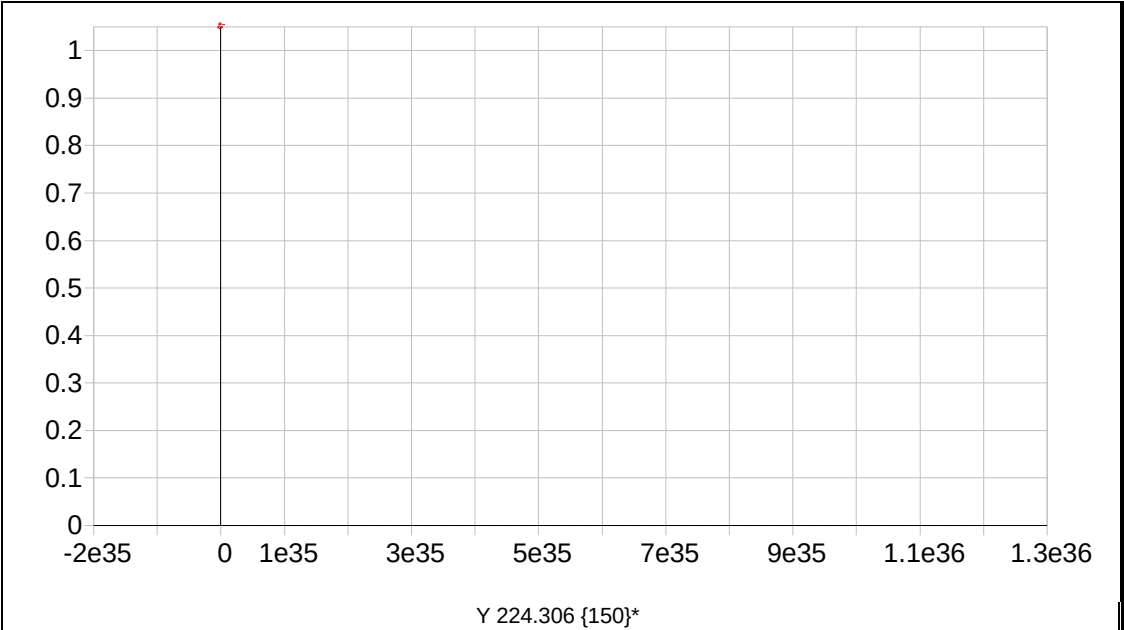


Li 670.784 { 50}

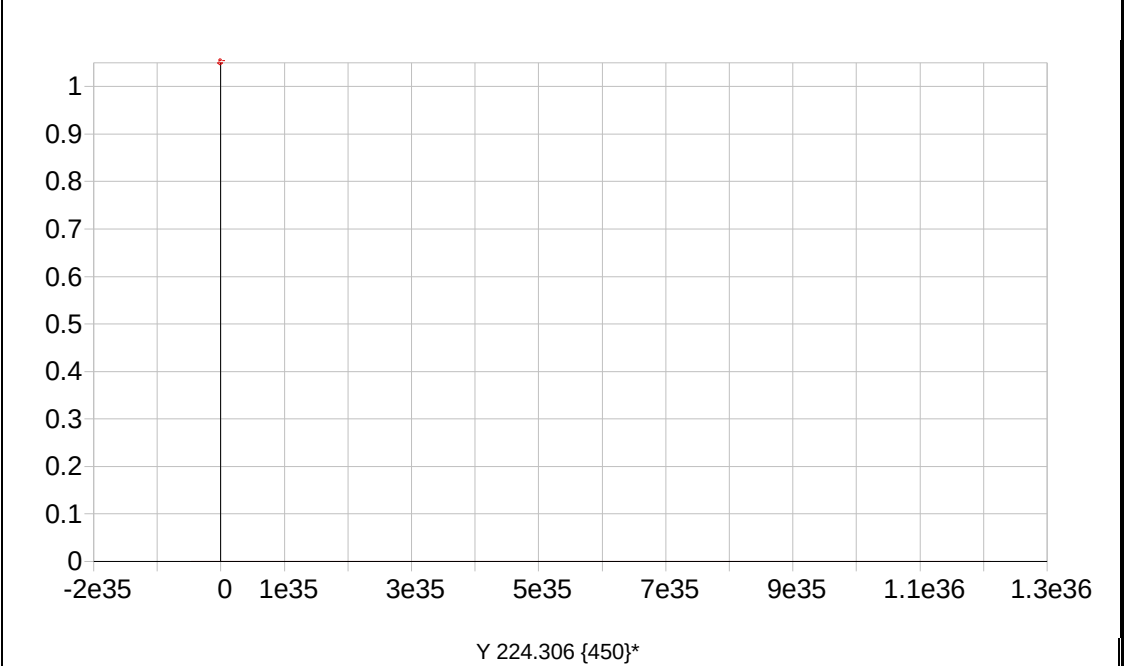
Date of Fit: 8/15/2017 11:33:35 Type of Fit: Linear Weighting: 1/Conc

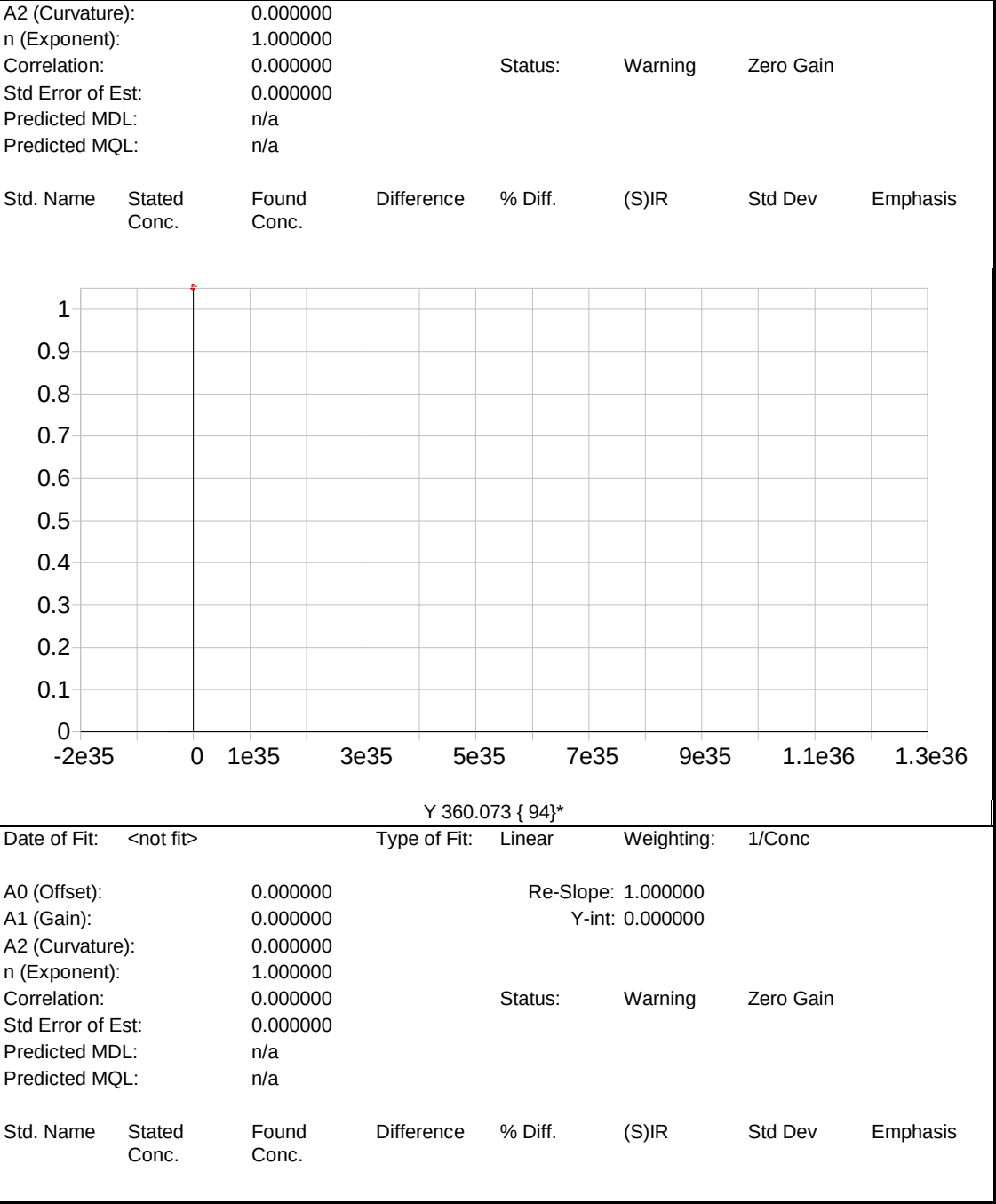
A0 (Offset): 0.004620 Re-Slope: 1.000000
 A1 (Gain): 12.214271 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.980219 Status: OK.
 Std Error of Est: 0.092552
 Predicted MDL: 0.000070
 Predicted MQL: 0.000233

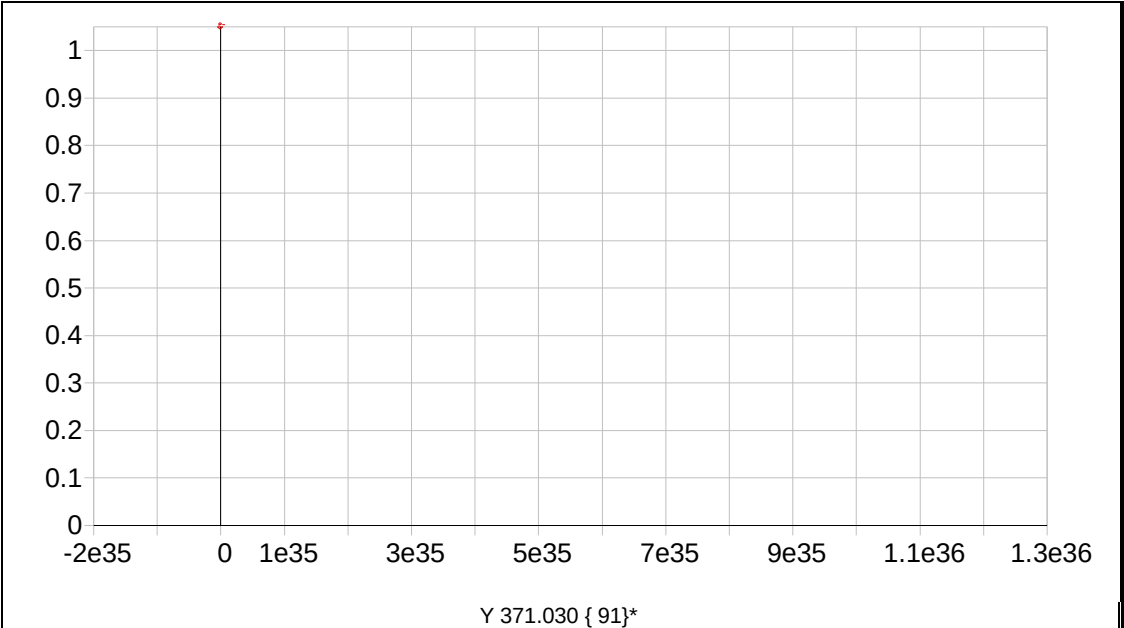
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00007	.000	.000	.00550	.000	1
S5	10.000	11.786	1.79	17.9	143.96	.989	1
S4	5.0000	4.3571	-.643	-12.9	53.223	.343	1
S3	2.5000	1.8244	-.676	-27.0	22.289	.046	1
S2	1.2500	.82667	-.423	-33.9	10.102	.061	1
S1	.05000	.00598	-.044	-88.0	.07760	.002	1



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

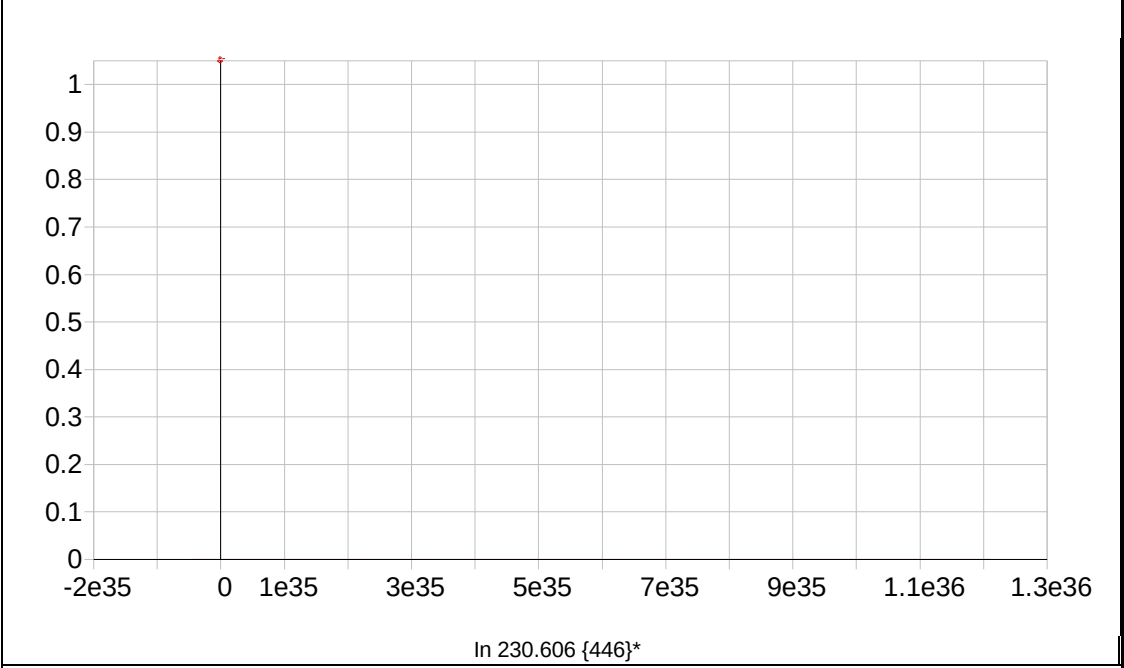




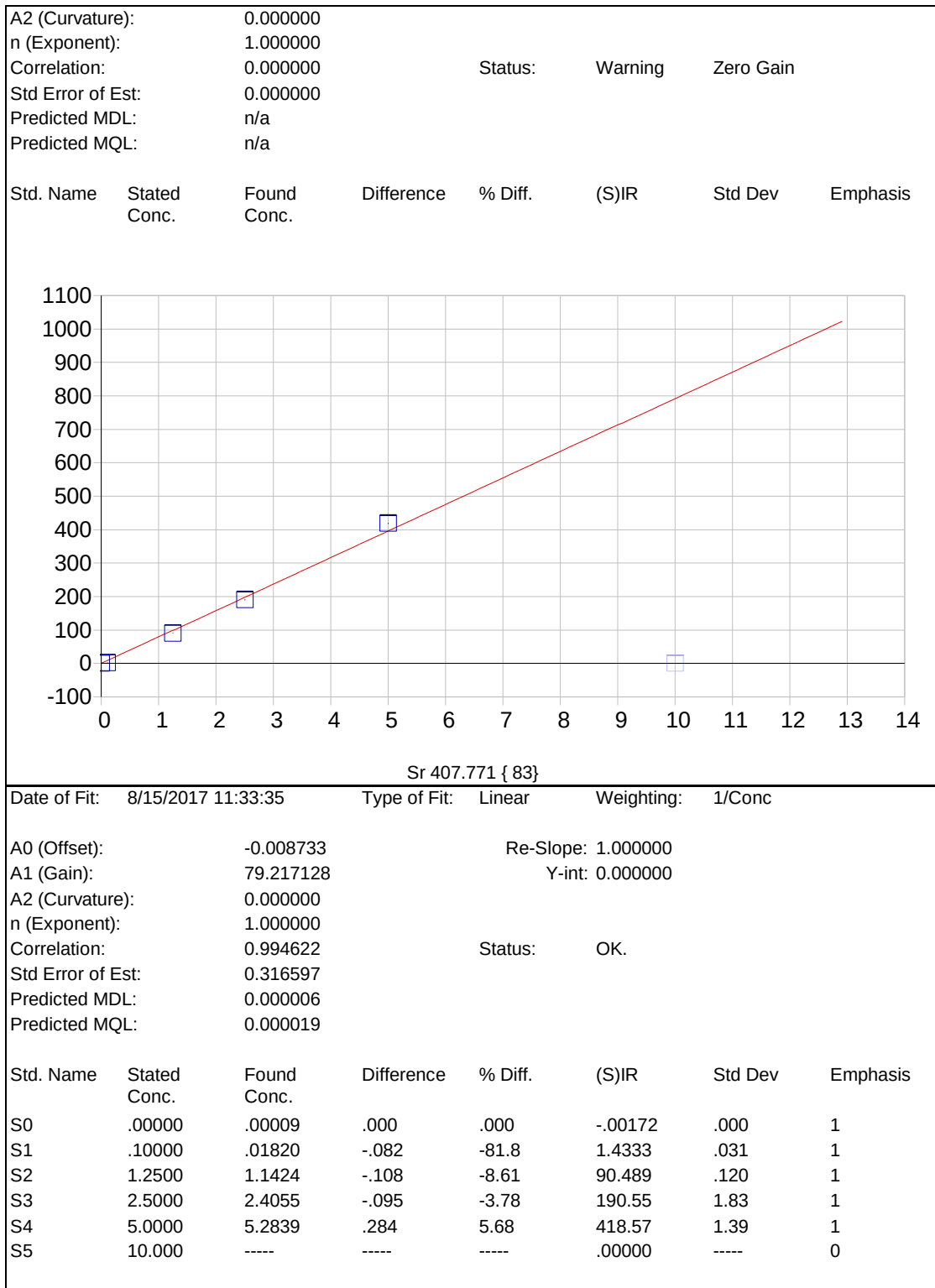


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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



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



Sample Name: S0 Acquired: 8/15/2017 11:00:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) 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	-.00032	-.00016	.00049	.00017	-.00011	.00065	-.07771	-.00119
Stddev	.00023	.00008	.00021	.00008	.00022	.00027	.00177	.00019
%RSD	72.147	52.200	42.509	48.381	194.02	42.320	2.2779	15.711

#1	-.00011	-.00025	.00073	.00014	-.00036	.00058	-.07972	-.00098
#2	-.00056	-.00010	.00034	.00027	.00006	.00095	-.07701	-.00134
#3	-.00028	-.00012	.00041	.00011	-.00003	.00041	-.07639	-.00124

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	-.00036	.00126	.00017	-.00032	.00133	.00006	-.00007	-.00009
Stddev	.00009	.00026	.00004	.00009	.00005	.00009	.00002	.00002
%RSD	23.940	20.649	21.582	29.346	3.6415	164.21	23.109	24.438

#1	-.00043	.00141	.00021	-.00024	.00138	-.00003	-.00006	-.00010
#2	-.00038	.00096	.00014	-.00042	.00129	.00016	-.00009	-.00006
#3	-.00027	.00142	.00016	-.00031	.00131	.00004	-.00007	-.00009

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	-.00025	-.00021	-.00234	.00007	-.00019	.02305	-.00084	.00138
Stddev	.00009	.00004	.00077	.00017	.00053	.00095	.00004	.00014
%RSD	33.930	17.832	32.855	243.57	272.64	4.1373	4.3042	9.9285

#1	-.00018	-.00024	-.00215	.00002	-.00069	.02229	-.00080	.00132
#2	-.00035	-.00021	-.00318	.00025	-.00025	.02274	-.00087	.00129
#3	-.00024	-.00017	-.00167	-.00007	.00036	.02412	-.00084	.00154

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	.00017	.00074	.00369	.00006	.00186	.00550	-.00172	
Stddev	.00011	.00003	.00016	.00003	.00032	.00024	.00003	
%RSD	65.128	3.5277	4.3901	57.420	17.363	4.4327	2.0141	

#1	.00024	.00077	.00364	.00004	.00197	.00522	-.00172	
#2	.00022	.00071	.00387	.00010	.00150	.00562	-.00175	
#3	.00004	.00075	.00356	.00004	.00212	.00566	-.00169	

Sample Name: S0 Acquired: 8/15/2017 11:00:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) 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	1113.1	2022.2	39722.	9098.5	3398.9
Stddev	2.7	14.9	97.	34.8	19.9
%RSD	.24040	.73625	.24515	.38287	.58678
#1	1111.8	2007.3	39610.	9060.8	3378.9
#2	1116.2	2022.1	39770.	9129.5	3399.0
#3	1111.3	2037.1	39786.	9105.0	3418.8

Sample Name: S1 Acquired: 8/15/2017 11:04:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) 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	.00014	.00173	.00223	.00305	.01180	.01828	.56471	.01235
Stddev	.00016	.00010	.00023	.00014	.00078	.00060	.01654	.00041
%RSD	115.45	6.0207	10.324	4.5687	6.5839	3.2911	2.9287	3.3225

#1	.00002	.00166	.00219	.00296	.01092	.01882	.57833	.01238
#2	.00033	.00168	.00203	.00321	.01238	.01838	.56949	.01193
#3	.00007	.00185	.00249	.00298	.01211	.01763	.54630	.01275

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	.00983	.23232	.00141	.03525	.00836	.00245	.00754	.03964
Stddev	.00054	.00406	.00004	.00137	.00024	.00004	.00018	.00099
%RSD	5.5075	1.7458	2.7366	3.8975	2.9242	1.7509	2.3409	2.4911

#1	.00924	.23591	.00145	.03372	.00811	.00250	.00770	.04018
#2	.00993	.23314	.00140	.03563	.00859	.00244	.00756	.04024
#3	.01031	.22792	.00138	.03639	.00838	.00242	.00735	.03850

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	.02056	.00295	.03720	.00491	.02169	.16587	-.00029	.00422
Stddev	.00091	.00003	.00096	.00020	.00115	.00218	.00007	.00011
%RSD	4.4430	.91897	2.5879	4.1585	5.3202	1.3164	24.606	2.5603

#1	.01958	.00294	.03830	.00509	.02063	.16795	-.00035	.00410
#2	.02070	.00298	.03655	.00495	.02292	.16606	-.00021	.00425
#3	.02139	.00293	.03674	.00469	.02153	.16359	-.00032	.00431

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	.00781	.00332	.02928	.00059	.05413	.07760	1.4333	
Stddev	.00041	.00015	.00023	.00003	.00115	.00200	.0315	
%RSD	5.2233	4.4897	.79576	5.1870	2.1162	2.5818	2.1974	

#1	.00738	.00315	.02910	.00062	.05457	.07964	1.4561	
#2	.00786	.00340	.02954	.00060	.05500	.07753	1.4465	
#3	.00819	.00341	.02918	.00056	.05284	.07564	1.3974	

Sample Name: S1 Acquired: 8/15/2017 11:04:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) 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	1115.4	1991.0	39608.	9178.5	3281.7
Stddev	1.3	14.4	68.	25.3	18.6
%RSD	.11684	.72259	.17270	.27555	.56676
#1	1115.3	1995.0	39529.	9203.3	3288.6
#2	1116.7	1975.0	39650.	9179.6	3260.6
#3	1114.1	2002.9	39644.	9152.7	3295.9

Sample Name: S2 Acquired: 8/15/2017 11:09:02 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) 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	.06457	.09420	1.1636	.09704	.24437	3.4044	9.2898	.29668
Stddev	.00041	.00069	.0076	.00076	.00148	.0122	.0326	.00091
%RSD	.63918	.73544	.65680	.78682	.60504	.35923	.35035	.30714

#1	.06423	.09344	1.1565	.09621	.24412	3.4116	9.3213	.29566
#2	.06503	.09481	1.1717	.09722	.24596	3.3902	9.2563	.29700
#3	.06444	.09434	1.1625	.09770	.24303	3.4113	9.2919	.29740

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	1.1790	2.8993	.47612	.46187	.97839	.83976	1.7924	.50288
Stddev	.0069	.0141	.00124	.00314	.00520	.00351	.0074	.00248
%RSD	.58915	.48608	.26073	.68012	.53154	.41754	.41208	.49251

#1	1.1715	2.8962	.47485	.45939	.98269	.83978	1.7935	.50322
#2	1.1853	2.8871	.47618	.46540	.97261	.83625	1.7846	.50025
#3	1.1800	2.9147	.47733	.46083	.97987	.84326	1.7992	.50516

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	.33098	.09408	.29603	.06184	1.4309	1.1143	.28511	.35296
Stddev	.00169	.00029	.00212	.00045	.0124	.0039	.00111	.00114
%RSD	.50978	.30604	.71587	.72422	.86501	.35056	.39018	.32260

#1	.33026	.09395	.29653	.06200	1.4267	1.1178	.28411	.35414
#2	.33291	.09441	.29370	.06134	1.4448	1.1101	.28631	.35287
#3	.32977	.09387	.29785	.06219	1.4211	1.1151	.28493	.35186

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	.85559	.03570	.35102	.09670	.66614	10.102	90.489	
Stddev	.00487	.00028	.00054	.00023	.00259	.061	.120	
%RSD	.56919	.77249	.15405	.24261	.38859	.60286	.13220	

#1	.85129	.03541	.35107	.09644	.66758	10.162	90.572	
#2	.86088	.03596	.35046	.09690	.66315	10.040	90.352	
#3	.85459	.03573	.35154	.09674	.66769	10.103	90.542	

Sample Name: S2 Acquired: 8/15/2017 11:09:02 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) 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	1016.0	1843.3	36908.	9008.8	2783.4
Stddev	5.1	9.4	93.	29.6	10.8
%RSD	.49934	.50976	.25264	.32875	.38734
#1	1011.5	1847.1	36806.	8982.6	2789.4
#2	1015.0	1832.6	36931.	9040.9	2770.9
#3	1021.5	1850.2	36988.	9003.0	2789.7

Sample Name: S3 Acquired: 8/15/2017 11:13:03 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) 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	.13113	.18265	2.3324	.19419	.49215	6.8986	18.325	.59266
Stddev	.00044	.00024	.0042	.00018	.00121	.0466	.044	.00494
%RSD	.33794	.13276	.18142	.09109	.24652	.67548	.24017	.83356

#1	.13079	.18279	2.3371	.19399	.49202	6.8582	18.285	.58906
#2	.13163	.18279	2.3312	.19426	.49342	6.8881	18.318	.59061
#3	.13097	.18237	2.3289	.19432	.49100	6.9496	18.372	.59829

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	2.3800	5.8593	.92631	.92433	1.9355	1.6591	3.5463	1.0238
Stddev	.0069	.0596	.00606	.00274	.0062	.0129	.0363	.0096
%RSD	.29112	1.0165	.65394	.29694	.32224	.77867	1.0237	.94059

#1	2.3878	5.8087	.91948	.92748	1.9288	1.6495	3.5217	1.0159
#2	2.3777	5.8443	.93101	.92307	1.9367	1.6541	3.5292	1.0210
#3	2.3746	5.9249	.92846	.92245	1.9411	1.6738	3.5880	1.0345

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	.65342	.19122	.59907	.12132	2.9236	2.2005	.64338	.70074
Stddev	.00189	.00080	.00422	.00072	.0165	.0113	.00065	.00499
%RSD	.28871	.42008	.70505	.59080	.56603	.51225	.10063	.71149

#1	.65492	.19038	.59501	.12111	2.9074	2.1910	.64398	.69772
#2	.65402	.19129	.59878	.12073	2.9230	2.1975	.64269	.69801
#3	.65130	.19198	.60344	.12212	2.9404	2.2129	.64347	.70649

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	1.6863	.07151	.68069	.19525	1.3220	22.289	190.55	
Stddev	.0013	.00002	.00526	.00044	.0108	.046	1.83	
%RSD	.07464	.02647	.77292	.22399	.81856	.20652	.95959	

#1	1.6859	.07152	.67686	.19564	1.3134	22.267	188.48	
#2	1.6878	.07148	.67852	.19478	1.3184	22.257	191.97	
#3	1.6854	.07152	.68669	.19534	1.3342	22.341	191.19	

Sample Name: S3 Acquired: 8/15/2017 11:13:03 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) 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	983.19	1769.5	35948.	8842.5	2584.3
Stddev	1.63	5.1	101.	56.9	7.9
%RSD	.16540	.28667	.28150	.64311	.30552
#1	984.96	1769.7	36062.	8879.0	2578.3
#2	982.86	1764.4	35912.	8871.5	2581.5
#3	981.76	1774.5	35870.	8777.0	2593.3

Sample Name: S4 Acquired: 8/15/2017 11:17:07 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) 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	.26587	.35293	4.6488	.38775	.99764	14.221	36.022	1.1781
Stddev	.00075	.00078	.0101	.00128	.00223	.056	.397	.0024
%RSD	.28120	.22162	.21686	.33081	.22321	.39428	1.1014	.20382

#1	.26670	.35360	4.6514	.38867	.99953	14.194	36.444	1.1759
#2	.26525	.35311	4.6572	.38829	.99518	14.183	35.656	1.1778
#3	.26566	.35207	4.6376	.38628	.99820	14.285	35.967	1.1807

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	4.7688	11.808	1.7807	1.8616	3.9056	3.2666	7.0252	2.0754
Stddev	.0139	.057	.0022	.0040	.0144	.0149	.0273	.0066
%RSD	.29141	.48615	.12376	.21646	.36866	.45578	.38916	.31961

#1	4.7769	11.765	1.7795	1.8613	3.8983	3.2633	7.0163	2.0710
#2	4.7767	11.787	1.7793	1.8659	3.8963	3.2536	7.0034	2.0722
#3	4.7527	11.873	1.7832	1.8578	3.9222	3.2828	7.0558	2.0830

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	1.2923	.39807	1.2160	.24105	6.0486	4.4593	1.5779	1.3652
Stddev	.0021	.00084	.0046	.00097	.0205	.0208	.0052	.0024
%RSD	.16576	.21086	.38276	.40305	.33968	.46691	.32802	.17282

#1	1.2904	.39852	1.2178	.24091	6.0362	4.4605	1.5820	1.3669
#2	1.2946	.39710	1.2108	.24016	6.0373	4.4379	1.5798	1.3625
#3	1.2917	.39859	1.2196	.24209	6.0723	4.4795	1.5721	1.3663

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	3.2982	.15377	1.3258	.39350	2.6249	53.223	418.57	
Stddev	.0080	.00036	.0052	.00094	.0113	.343	1.39	
%RSD	.24099	.23202	.39346	.23896	.43079	.64386	.33174	

#1	3.3072	.15384	1.3250	.39351	2.6210	53.569	419.03	
#2	3.2953	.15408	1.3209	.39443	2.6161	52.884	419.67	
#3	3.2922	.15338	1.3313	.39255	2.6377	53.217	417.01	

Sample Name: S4 Acquired: 8/15/2017 11:17:07 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) 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	910.61	1664.7	34376.	8570.8	2331.7
Stddev	2.80	3.4	74.	5.6	5.4
%RSD	.30727	.20226	.21560	.06513	.23302
#1	907.86	1660.9	34320.	8568.2	2332.5
#2	910.53	1665.5	34348.	8567.1	2326.0
#3	913.46	1667.5	34460.	8577.2	2336.8

Sample Name: S5 Acquired: 8/15/2017 11:21:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) 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	.55000	.68607	9.3467	.78426	2.0760	29.182	71.544	2.3112
Stddev	.00128	.00239	.0342	.00246	.0030	.186	.828	.0075
%RSD	.23336	.34845	.36601	.31406	.14430	.63575	1.1571	.32569

#1	.55003	.68880	9.3860	.78315	2.0743	29.385	72.482	2.3193
#2	.55126	.68437	9.3240	.78708	2.0795	29.022	70.914	2.3097
#3	.54870	.68504	9.3301	.78254	2.0744	29.139	71.237	2.3045

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	9.4086	23.243	3.3678	3.7200	7.9007	6.3072	13.604	4.1065
Stddev	.0560	.093	.0116	.0127	.0522	.0293	.046	.0151
%RSD	.59477	.40206	.34544	.34042	.66125	.46404	.34150	.36696

#1	9.4732	23.347	3.3583	3.7347	7.9600	6.3410	13.657	4.1239
#2	9.3774	23.165	3.3808	3.7124	7.8616	6.2901	13.571	4.0969
#3	9.3752	23.218	3.3642	3.7131	7.8805	6.2905	13.583	4.0988

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	2.5323	.83954	2.4487	.47005	12.488	9.0608	4.2316	2.5619
Stddev	.0098	.00051	.0181	.00325	.026	.0382	.0086	.0112
%RSD	.38575	.06041	.74036	.69051	.20694	.42169	.20213	.43771

#1	2.5432	.83965	2.4692	.47280	12.497	9.1049	4.2376	2.5748
#2	2.5243	.83998	2.4348	.46647	12.508	9.0394	4.2218	2.5543
#3	2.5294	.83898	2.4421	.47087	12.458	9.0381	4.2354	2.5566

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	6.4092	.34152	2.5454	.77992	5.1131	143.96	^ *****
Stddev	.0050	.00144	.0077	.00352	.0306	.99	-----
%RSD	.07808	.42116	.30172	.45143	.59748	.68686	-----

#1	6.4114	.34294	2.5535	.78388	5.1470	143.26	^ -----
#2	6.4127	.34006	2.5383	.77716	5.0877	145.09	^ -----
#3	6.4035	.34155	2.5444	.77871	5.1047	143.52	^ -----

Sample Name: S5 Acquired: 8/15/2017 11:21:22 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) 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	813.21	1496.6	32163.	8237.3	2001.4
Stddev	2.79	3.2	46.	33.2	2.2
%RSD	.34256	.21330	.14179	.40278	.10840
#1	811.18	1500.0	32171.	8199.9	2000.9
#2	812.06	1493.7	32114.	8249.0	2003.8
#3	816.38	1496.2	32204.	8263.1	1999.5

Sample Name: S6 Acquired: 8/15/2017 11:25:32 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) 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	73.575	36.854	16.277	6.4106	6.4822
Stddev	.415	.094	.039	.0168	.0390
%RSD	.56362	.25504	.24128	.26149	.60123

#1	73.474	36.939	16.303	6.4217	6.5150
#2	73.220	36.753	16.232	6.3913	6.4391
#3	74.030	36.871	16.297	6.4188	6.4924

Int. Std.	Y_3710
Units	Cts/S
Avg	8152.0
Stddev	12.9
%RSD	.15775

#1	8147.9
#2	8166.4
#3	8141.6

Sample Name: ICV Acquired: 8/15/2017 11:29:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) 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	.9597981	1.091305	.9678884	.9978014	.9549760	2.298785
Stddev	.0112601	.002605	.0059709	.0058521	.0056215	.010170
%RSD	1.173175	.2386913	.6168953	.5865034	.5886524	.4424121

#1	.9480692	1.090912	.9609957	.9910620	.9485816	2.298414
#2	.9608030	1.094084	.9711934	1.000743	.9572065	2.309135
#3	.9705221	1.088918	.9714760	1.001600	.9591399	2.288805

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4884126	.4885635	.4713093	10.08719	.5276332	.4701878
Stddev	.0019136	.0025665	.0027293	.03161	.0017688	.0024090
%RSD	.3917940	.5253048	.5790932	.3134071	.3352363	.5123448

#1	.4895514	.4892652	.4681636	10.12369	.5259897	.4674611
#2	.4894831	.4857191	.4730482	10.06847	.5274048	.4720274
#3	.4862033	.4907061	.4727161	10.06940	.5295051	.4710750

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4909850	5.389796	.5240858	5.784519	.4780309	.4583692
Stddev	.0026482	.021979	.0012256	.050342	.0017848	.0016389
%RSD	.5393733	.4077893	.2338596	.8702881	.3733556	.3575553

#1	.4916909	5.414593	.5254909	5.840511	.4760816	.4565474
#2	.4932088	5.372717	.5232372	5.770050	.4784266	.4588364
#3	.4880554	5.382079	.5235293	5.742996	.4795847	.4597238

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.595347	.5221838	.9295575	9.346585	F -.004213	F .0432027
Stddev	.089463	.0011834	.0021881	.019444	.000151	.0005783
%RSD	.9323605	.2266225	.2353956	.2080365	3.587944	1.338488

#1	9.541262	.5221245	.9275856	9.349341	-.004144	.0433762
#2	9.698612	.5210312	.9319115	9.364504	-.004386	.0436744
#3	9.546168	.5233957	.9291754	9.325910	-.004108	.0425576

Sample Name: ICV Acquired: 8/15/2017 11:29:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0437593	- .001575	. 0437865	F .0391775	. 0425754	. 0008406
Stddev	.0002173	.002698	.0004655	.0011226	.0004736	.0000492
%RSD	.4965557	171.3139	1.063074	2.865423	1.112412	5.853306
#1	. 0436631	- .003109	. 0442828	. 0384425	. 0430874	. 0008823
#2	. 0440081	. 001540	. 0437171	. 0404697	. 0421531	. 0007863
#3	. 0436067	- .003156	. 0433596	. 0386203	. 0424856	. 0008532

Elem	Sr4077
Units	ppm
Avg	. 0020571
Stddev	.0000119
%RSD	.5795001
#1	. 0020677
#2	. 0020595
#3	. 0020442

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1068.608	1909.945	38594.50	8951.989	3155.735
Stddev	4.733	7.168	48.45	48.017	13.218
%RSD	.4428664	.3752733	.1255298	.5363891	.4188620
#1	1069.314	1903.700	38587.62	8898.057	3142.863
#2	1063.563	1908.366	38549.86	8967.810	3155.068
#3	1072.949	1917.771	38646.02	8990.100	3169.274

Sample Name: ICB Acquired: 8/15/2017 11:40:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) 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	.0008380	-.001635	-.002062	.0017432	-.000846	-.002498	-.002572
Stddev	.0035062	.000757	.000394	.0004404	.001786	.001125	.000278
%RSD	418.4081	46.31069	19.13473	25.26652	211.1700	45.01952	10.81648

#1	.0033292	-.001170	-.001616	.0017175	-.001839	-.002794	-.002770
#2	.0023562	-.002509	-.002203	.0013161	-.001915	-.003446	-.002254
#3	-.003171	-.001226	-.002366	.0021959	.001216	-.001255	-.002692

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000056	-.000000	-.001459	-.001205	-.000091	.0008139	-.001638
Stddev	.000047	.000105	.006049	.000401	.000175	.0007166	.002219
%RSD	84.07885	52236.94	414.5894	33.30540	192.4362	88.04437	135.4492

#1	-.000109	.000110	.001914	-.000755	.000099	.0001566	-.002999
#2	-.000022	-.000010	-.008443	-.001525	-.000128	.0007073	-.002837
#3	-.000036	-.000100	.002151	-.001335	-.000244	.0015777	.000922

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000123	.0140468	.0001078	-.000018	.0259067	-.002275	-.002027
Stddev	.000379	.0222213	.0004283	.000090	.0953116	.000815	.000946
%RSD	309.0941	158.1945	397.2830	500.3456	367.9026	35.81882	46.65250

#1	.000313	-.003751	.0005304	-.000090	.0318320	-.001640	-.003097
#2	-.000306	.038953	.0001189	-.000048	-.072229	-.001992	-.001303
#3	-.000375	.006939	-.000326	.000083	.118118	-.003194	-.001681

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.014832	-.000247	.0031421	.0002953	-.000928	-.001648	.0016862
Stddev	.010769	.000084	.0002343	.0001252	.003219	.001031	.0003590
%RSD	72.60995	34.08676	7.457036	42.37487	346.9445	62.54435	21.28784

#1	-.024975	-.000262	.0030658	.0004001	-.004397	-.000597	.0019989
#2	-.015990	-.000323	.0029554	.0003292	.001964	-.001690	.0012942
#3	-.003530	-.000157	.0034051	.0001567	-.000351	-.002657	.0017654

Sample Name: ICB Acquired: 8/15/2017 11:40:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) 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	.0004780	.0002421	.0000856
Stddev	.0001890	.0000772	.0000051
%RSD	39.53866	31.90297	5.938124

#1	.0004315	.0001909	.0000798
#2	.0006858	.0002045	.0000893
#3	.0003166	.0003310	.0000876

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1073.853	1914.496	39200.97	8966.464	3317.535
Stddev	5.606	8.192	38.12	24.389	9.741
%RSD	.5220482	.4279147	.0972303	.2720032	.2936181

#1	1068.427	1905.309	39165.51	8944.540	3307.712
#2	1079.624	1917.134	39196.12	8992.734	3317.702
#3	1073.509	1921.044	39241.28	8962.120	3327.191

Sample Name: ICSA Acquired: 8/15/2017 11:44:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) 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	.0032844	-.015007	F .0140444	-.000572	.0009366	243.0834
Stddev	.0041022	.002502	.0009019	.002266	.0010209	.8734
%RSD	124.8983	16.67415	6.421972	396.2961	109.0027	.3593177

#1	-.000793	-.017878	.0140771	-.002801	.0019420	242.1925
#2	.003235	-.013850	.0131266	.001730	-.000099	243.9382
#3	.007411	-.013293	.0149296	-.000645	.000967	243.1194

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021257	.0012652	-.001145	257.8439	.0473520	.0025452
Stddev	.0007872	.0000497	.000100	.4791	.0003765	.0003378
%RSD	37.03453	3.930845	8.698547	.1857948	.7950206	13.27207

#1	.0021040	.0012669	-.001044	257.4761	.0477617	.0021858
#2	.0013495	.0013140	-.001243	257.6701	.0470214	.0025934
#3	.0029236	.0012146	-.001148	258.3856	.0472729	.0028562

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0223374	105.4968	.0191116	263.9819	.0002556	.0010755
Stddev	.0010555	.0915	.0007014	.1937	.0004146	.0001912
%RSD	4.725055	.0867490	3.670034	.0733625	162.2012	17.77376

#1	.0213147	105.3912	.0189861	263.8107	.0003806	.0011970
#2	.0234228	105.5537	.0198672	264.1921	.0005933	.0008552
#3	.0222747	105.5455	.0184814	263.9429	-.000207	.0011743

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3452778	-.000536	.0105466	-.119380	-.016055	F -.273792
Stddev	.0432449	.001617	.0039023	.013978	.000666	.001002
%RSD	12.52467	301.3575	37.00026	11.70868	4.146368	.3660933

#1	.3092236	-.000181	.0098378	-.125673	-.015815	-.273199
#2	.3333853	.000873	.0070474	-.129105	-.015542	-.273228
#3	.3932247	-.002301	.0147548	-.103362	-.016807	-.274949

Sample Name: ICSA Acquired: 8/15/2017 11:44:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) 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	-.000178	.0125495	-.007384	-.000739	.0001399	.0011324
Stddev	.000641	.0009715	.001484	.000716	.0004034	.0000490
%RSD	360.6449	7.741279	20.10078	96.96943	288.3225	4.323501

#1	.000490	.0132218	-.008936	.000088	.0004283	.0010792
#2	-.000237	.0129912	-.005979	-.001183	-.000321	.0011422
#3	-.000787	.0114357	-.007236	-.001120	.000313	.0011756

Elem	Sr4077
Units	ppm
Avg	.0172766
Stddev	.0000119
%RSD	.0685797

#1	.0172660
#2	.0172894
#3	.0172745

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	961.4192	1731.443	34890.69	8571.140	2520.765
Stddev	4.5570	5.359	98.20	5.475	4.854
%RSD	.4739859	.3095155	.2814475	.0638812	.1925484

#1	956.5825	1729.966	34812.97	8577.359	2516.826
#2	965.6323	1726.976	35001.06	8569.021	2519.282
#3	962.0430	1737.385	34858.05	8567.041	2526.187

Sample Name: ICSAB Acquired: 8/15/2017 11:48:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) 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	.0971319	.1048436	.0458819	.0416974	.5856118	242.6076
Stddev	.0027518	.0042904	.0038060	.0096623	.0135160	.5204
%RSD	2.833015	4.092223	8.295290	23.17231	2.308007	.2145147

#1	.0941115	.1049244	.0443989	.0330870	.5834090	242.9811
#2	.0977878	.1090932	.0502062	.0521472	.6000939	242.0131
#3	.0994965	.1005134	.0430406	.0398581	.5733326	242.8286

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5025509	.5055565	.9991908	256.5692	.5660042	.4998959
Stddev	.0025603	.0014500	.0229063	1.6556	.0040514	.0116504
%RSD	.5094679	.2868116	2.292482	.6452749	.7157889	2.330562

#1	.5048880	.5042951	.9919198	256.2498	.5670355	.4968106
#2	.4998143	.5052338	1.024850	255.0965	.5694403	.5127784
#3	.5029503	.5071407	.980803	258.3612	.5615368	.4900988

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5175796	104.9677	.5431894	263.2159	.9733542	.2004272
Stddev	.0007411	.4899	.0020818	.5262	.0239659	.0012344
%RSD	.1431842	.4667362	.3832510	.1999034	2.462195	.6158766

#1	.5168398	105.1132	.5435290	263.1579	.9659117	.1996502
#2	.5175770	104.4215	.5409588	262.7211	1.000158	.2018505
#3	.5183220	105.3684	.5450806	263.7687	.953993	.1997808

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4101829	.5240952	.9979652	-.207773	-.020678	F -.257223
Stddev	.0405625	.0012538	.0020864	.025922	.000538	.002194
%RSD	9.888877	.2392414	.2090695	12.47612	2.602967	.8528920

#1	.3800776	.5240365	1.000269	-.233604	-.020316	-.259267
#2	.4563092	.5253774	.997425	-.181761	-.021296	-.254905
#3	.3941619	.5228717	.996202	-.207953	-.020420	-.257496

Sample Name: ICSAB Acquired: 8/15/2017 11:48:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0139181	.0149029	.0062275	F .0121827	.0136233	.0015778
Stddev	.0006423	.0027198	.0006500	.0008574	.0001480	.0000210
%RSD	4.614918	18.25019	10.43789	7.037511	1.086145	1.327843
#1	.0146532	.0142366	.0069193	.0122627	.0137884	.0015562
#2	.0136356	.0178940	.0061340	.0129972	.0135790	.0015791
#3	.0134654	.0125782	.0056294	.0112881	.0135025	.0015980

Elem	Sr4077
Units	ppm
Avg	.0179085
Stddev	.0000620
%RSD	.3462055
#1	.0178974
#2	.0178529
#3	.0179754

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	966.6754	1704.992	35101.67	8597.910	2491.145
Stddev	2.4438	36.209	87.95	28.982	54.099
%RSD	.2528003	2.123697	.2505597	.3370853	2.171658
#1	964.3689	1706.158	35109.38	8603.939	2500.724
#2	969.2365	1668.214	35010.12	8623.403	2432.896
#3	966.4207	1740.604	35185.51	8566.387	2539.815

Sample Name: CCV012 Acquired: 8/15/2017 11:52:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV012 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.899336	4.734635	24.12911	4.905145	4.856809	406.8084
Stddev	.013667	.013178	.03334	.034362	.024367	3.0979
%RSD	.2789492	.2783409	.1381878	.7005307	.5017028	.7615137

#1	4.908177	4.746658	24.14665	4.935702	4.868812	404.4334
#2	4.883595	4.720546	24.15002	4.867947	4.828770	410.3124
#3	4.906236	4.736703	24.09065	4.911785	4.872847	405.6793

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.786893	.4980298	2.491757	405.3244	15.93598	2.490157
Stddev	.047273	.0005344	.011068	.5663	.02148	.005379
%RSD	.4830262	.1073050	.4441743	.1397250	.1348202	.2160020

#1	9.792728	.4975280	2.497175	404.8911	15.93985	2.494427
#2	9.830979	.4979697	2.499072	405.1169	15.95527	2.491927
#3	9.736974	.4985917	2.479024	405.9653	15.91283	2.484116

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.87408	406.3100	14.74600	405.0386	2.385197	1.290322
Stddev	.01513	.4165	.03425	.4681	.002818	.001923
%RSD	.1016899	.1025065	.2322950	.1155666	.1181585	.1490306

#1	14.86772	405.8575	14.70714	404.7758	2.388160	1.291923
#2	14.89135	406.3951	14.75905	404.7609	2.382550	1.288189
#3	14.86318	406.6774	14.77181	405.5790	2.384881	1.290855

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	403.0392	2.452825	14.97088	148.7330	F 5.996041	F 4.168595
Stddev	.6001	.002910	.08885	.2698	.007539	.014771
%RSD	.1488959	.1186431	.5935042	.1814057	.1257373	.3543314

#1	402.7881	2.453179	14.87675	148.5119	6.000420	4.170488
#2	402.6053	2.449754	14.98259	149.0337	5.987335	4.152969
#3	403.7240	2.455542	15.05329	148.6536	6.000367	4.182328

Sample Name: CCV012 Acquired: 8/15/2017 11:52:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV012 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.832327	5.188617	4.825938	4.889691	4.895852	5.838503
Stddev	.011404	.020375	.006714	.010775	.001889	.062362
%RSD	.2359980	.3926845	.1391288	.2203586	.0385743	1.068125

#1	4.840716	5.211992	4.833442	4.901922	4.895447	5.881885
#2	4.819342	5.179240	4.820499	4.885550	4.894199	5.767037
#3	4.836923	5.174619	4.823873	4.881600	4.897910	5.866587

Elem	Sr4077
Units	ppm
Avg	6.890901
Stddev	.051010
%RSD	.7402563

#1	6.875867
#2	6.849097
#3	6.947739

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	859.1613	1551.828	32746.47	8301.295	2079.410
Stddev	3.2733	8.120	36.74	10.098	7.817
%RSD	.3809905	.5232443	.1121899	.1216478	.3759161

#1	862.0538	1551.555	32773.46	8310.804	2079.476
#2	859.8220	1560.081	32704.63	8302.384	2087.193
#3	855.6079	1543.848	32761.32	8290.696	2071.560

Sample Name: CCB012 Acquired: 8/15/2017 11:56:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB012 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010077	.0002834	-.002050	.0012576	-.000162	-.000176	-.002362
Stddev	.0017849	.0009092	.000596	.0028982	.000984	.002916	.000134
%RSD	177.1263	320.7973	29.09466	230.4584	609.1308	1656.105	5.692676

#1	.0016753	.0004723	-.001362	.0037831	.000740	.001332	-.002517
#2	.0023626	.0010833	-.002430	-.001907	-.000014	-.003537	-.002294
#3	-.001015	-.000705	-.002357	.001896	-.001212	.001677	-.002276

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000026	-.000033	-.002115	-.000568	.0000790	.0008636	-.001376
Stddev	.000029	.000047	.003591	.000100	.0001044	.0005456	.003683
%RSD	111.4566	142.5408	169.7831	17.69308	132.1845	63.17224	267.7417

#1	-.000023	.000004	-.002757	-.000678	.0001890	.0006384	-.005627
#2	.000001	-.000086	-.005341	-.000481	-.000019	.0014858	.000836
#3	-.000056	-.000017	.001754	-.000544	.000067	.0004667	.000664

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002330	.0013569	.0002483	.0001951	-.056367	-.001417	.0020106
Stddev	.0000753	.0080304	.0002090	.0002432	.073279	.000396	.0009065
%RSD	32.31433	591.8138	84.16895	124.6676	130.0042	27.94195	45.08744

#1	.0002962	.0079956	.0003643	.0004295	.027822	-.001682	.0021292
#2	.0002530	.0036442	.0003735	-.000056	-.105816	-.001607	.0010506
#3	.0001497	-.007569	.0000070	.000212	-.091107	-.000962	.0028520

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057234	-.000073	.0069329	.0004572	.0007629	-.001632	-.000299
Stddev	.0234064	.000149	.0011620	.0002332	.0008730	.000167	.000439
%RSD	408.9621	206.0814	16.76105	51.00979	114.4371	10.21148	146.8991

#1	-.019731	.000015	.0082747	.0005650	.0011629	-.001813	.000184
#2	.010581	.000012	.0062664	.0006169	-.000238	-.001599	-.000405
#3	.026320	-.000245	.0062577	.0001896	.001364	-.001485	-.000675

Sample Name: CCB012 Acquired: 8/15/2017 11:56:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB012 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005382	.0006842	.0001328
Stddev	.0004020	.0000793	.0000083
%RSD	74.70337	11.59593	6.271282

#1	.0001902	.0007719	.0001397
#2	.0004460	.0006633	.0001350
#3	.0009783	.0006174	.0001235

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1088.317	1935.655	39486.91	8920.143	3345.806
Stddev	3.623	8.560	185.74	63.689	13.883
%RSD	.3329218	.4422043	.4703866	.7139928	.4149403

#1	1091.004	1937.532	39587.06	8871.628	3351.743
#2	1084.197	1943.121	39272.59	8896.534	3355.734
#3	1089.751	1926.313	39601.08	8992.265	3329.942

Sample Name: I4726-03DLX10 Acquired: 8/15/2017 12:04:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3Y4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1931657	-.002132	9.970286	-.001989	.0315987	18.57864	.3579292
Stddev	.0030688	.002398	.008645	.001606	.0003445	.06877	.0016667
%RSD	1.588678	112.5046	.0867075	80.75730	1.090214	.3701553	.4656573

#1	.1938323	-.004527	9.978903	-.003659	.0319934	18.54916	.3570437
#2	.1958463	-.002138	9.961613	-.001854	.0313586	18.52953	.3568921
#3	.1898183	.000270	9.970342	-.000454	.0314440	18.65724	.3598518

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017344	.0287020	48.29298	.0111021	.0097874	.3328632	52.11242
Stddev	.0000800	.0001635	.16022	.0002703	.0002655	.0010571	.04292
%RSD	4.609974	.5695516	.3317637	2.435046	2.712483	.3175896	.0823634

#1	.0018252	.0285695	48.20424	.0108932	.0100909	.3323624	52.16043
#2	.0016746	.0286519	48.19675	.0110057	.0096729	.3340777	52.07777
#3	.0017033	.0288847	48.47793	.0114074	.0095983	.3321496	52.09905

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.739529	30.54334	.0217277	.0078154	.2726794	.1449319	6.837439
Stddev	.013199	.15195	.0000756	.0002984	.0769788	.0022134	.016786
%RSD	.2784777	.4974755	.3478500	3.817925	28.23053	1.527222	.2454992

#1	4.741499	30.64368	.0218104	.0080384	.2721385	.1443412	6.839436
#2	4.725457	30.36853	.0217106	.0079313	.1959724	.1473807	6.819744
#3	4.751633	30.61783	.0216622	.0074764	.3499273	.1430737	6.853137

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.866354	.1406344	-.124923	-.000865	.5309620	.6489068	.0033976
Stddev	.000776	.0009885	.001789	.000332	.0104292	.0043854	.0011724
%RSD	.0270819	.7028719	1.432022	38.35879	1.964212	.6758131	34.50583

#1	2.865486	.1417725	-.126834	-.001227	.5415537	.6475688	.0046122
#2	2.866982	.1399900	-.124648	-.000790	.5207033	.6453463	.0022726
#3	2.866593	.1401408	-.123288	-.000577	.5306290	.6538054	.0033079

Sample Name: I4726-03DLX10 Acquired: 8/15/2017 12:04:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ3Y4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3046427	.0027435	.0049701
Stddev	.0013008	.0000617	.0000269
%RSD	.4269917	2.249489	.5403524

#1	.3049450	.0028112	.0049530
#2	.3032173	.0027290	.0049562
#3	.3057657	.0026904	.0050010

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1055.211	1891.439	38767.26	9065.510	2997.706
Stddev	1.824	1.791	98.72	25.802	6.219
%RSD	.1729026	.0947016	.2546541	.2846209	.2074476

#1	1053.125	1890.776	38659.25	9040.377	2990.545
#2	1056.512	1893.467	38789.72	9091.933	3000.820
#3	1055.996	1890.074	38852.82	9064.220	3001.753

Sample Name: I4726-06DLX10 Acquired: 8/15/2017 12:08:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3Y7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1668968	-.003092	8.433525	-.001660	.0304538	8.490061	.1936621
Stddev	.0019044	.001120	.032248	.001663	.0002296	.019584	.0008860
%RSD	1.141083	36.23142	.3823731	100.2130	.7538388	.2306676	.4574758

#1	.1673600	-.002350	8.451833	-.000062	.0306400	8.500659	.1934553
#2	.1685269	-.002545	8.452450	-.001535	.0305240	8.502061	.1946332
#3	.1648035	-.004380	8.396290	-.003382	.0301973	8.467462	.1928978

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009982	.0163747	76.53193	.0037317	.0052119	.2641015	39.18261
Stddev	.0001105	.0001008	.22876	.0004918	.0001660	.0008824	.14585
%RSD	11.07314	.6153487	.2989102	13.18038	3.184759	.3340985	.3722187

#1	.0011258	.0162935	76.72674	.0038624	.0053422	.2640751	39.35099
#2	.0009364	.0164875	76.28003	.0041450	.0050250	.2649968	39.10108
#3	.0009323	.0163432	76.58901	.0031877	.0052686	.2632327	39.09577

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.026501	44.87121	.0102771	.0056652	.1878743	.1013437	5.828950
Stddev	.014201	.06701	.0005738	.0001264	.0112697	.0010751	.037904
%RSD	.3526934	.1493316	5.583602	2.231635	5.998532	1.060805	.6502640

#1	4.039936	44.93095	.0104136	.0055405	.1897983	.1020845	5.797063
#2	4.011641	44.88393	.0107704	.0057932	.1757665	.1018360	5.818931
#3	4.027926	44.79876	.0096473	.0056619	.1980582	.1001107	5.870857

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.303418	.0772264	-.093004	-.000303	.3058807	.4654887	.0010993
Stddev	.023989	.0007403	.000373	.000091	.0008921	.0016851	.0005609
%RSD	1.840483	.9585588	.4006437	29.89761	.2916624	.3620007	51.01886

#1	1.321644	.0774413	-.093305	-.000289	.3049779	.4635430	.0017093
#2	1.276240	.0778354	-.093120	-.000400	.3067618	.4664556	.0006059
#3	1.312371	.0764025	-.092587	-.000220	.3059024	.4664676	.0009828

Sample Name: I4726-06DLX10 Acquired: 8/15/2017 12:08:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3Y7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1909324	.0015964	.0050353
Stddev	.0004505	.0000317	.0000197
%RSD	.2359263	1.984292	.3908710

#1	.1904921	.0016302	.0050543
#2	.1913923	.0015675	.0050367
#3	.1909128	.0015914	.0050150

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1039.949	1850.971	37901.15	8924.589	2954.513
Stddev	5.219	12.384	59.58	20.323	11.867
%RSD	.5018451	.6690806	.1572018	.2277201	.4016681

#1	1045.400	1837.229	37964.69	8913.862	2943.381
#2	1039.449	1854.412	37846.53	8911.876	2953.161
#3	1034.998	1861.270	37892.22	8948.028	2966.999

Sample Name: I4726-11 Acquired: 8/15/2017 12:12:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3Z2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0223200	-.004588	.4249587	.0076326	-.001648	12.91939	.2816011
Stddev	.0010015	.001977	.0010001	.0022993	.000933	.02347	.0004466
%RSD	4.487126	43.09054	.2353302	30.12474	56.58298	.1817023	.1585798

#1	.0222178	-.005764	.4261078	.0080782	-.002583	12.94566	.2816207
#2	.0213735	-.002305	.4242854	.0051431	-.001645	12.90047	.2820376
#3	.0233687	-.005694	.4244829	.0096765	-.000717	12.91204	.2811451

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009414	.0004178	30.66773	.0383749	.0069196	.0188787	23.55629
Stddev	.0000769	.0001478	.10586	.0017044	.0002129	.0001562	.12092
%RSD	8.170046	35.38431	.3451747	4.441582	3.076402	.8273179	.5133129

#1	.0009775	.0004521	30.56681	.0369942	.0071161	.0189279	23.42190
#2	.0008531	.0002559	30.65846	.0402799	.0066935	.0187038	23.59069
#3	.0009936	.0005456	30.77792	.0378505	.0069492	.0190044	23.65628

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9644034	17.73937	.0100049	.0005385	.2193317	.0347953	.2359283
Stddev	.0033781	.10703	.0001056	.0003399	.0371719	.0007690	.0028000
%RSD	.3502740	.6033556	1.055563	63.11033	16.94779	2.209988	1.186803

#1	.9605080	17.61879	.0099175	.0003209	.1877906	.0343142	.2343091
#2	.9665265	17.82315	.0101223	.0009302	.2603137	.0356822	.2391614
#3	.9661756	17.77616	.0099749	.0003646	.2098908	.0343895	.2343142

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.687075	.2510580	-.049898	.0003368	1.309717	1.521144	.0026274
Stddev	.025955	.0007345	.001176	.0000794	.005097	.019120	.0006503
%RSD	1.538440	.2925577	2.356791	23.57391	.3891400	1.256945	24.75206

#1	1.688423	.2507186	-.048582	.0002571	1.305580	1.501691	.0030489
#2	1.660473	.2519008	-.050846	.0003375	1.315411	1.539913	.0018784
#3	1.712330	.2505546	-.050266	.0004159	1.308161	1.521828	.0029549

Sample Name: I4726-11 Acquired: 8/15/2017 12:12:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ3Z2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4945139	.0014220	.0076311
Stddev	.0008196	.0000122	.0000406
%RSD	.1657372	.8592138	.5326616

#1	.4946178	.0014191	.0075845
#2	.4936474	.0014116	.0076496
#3	.4952767	.0014355	.0076593

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1046.030	1887.114	38856.24	9215.265	3053.642
Stddev	23.536	1.867	870.26	36.624	3.265
%RSD	2.250024	.0989577	2.239681	.3974307	.1069124

#1	1054.165	1885.632	39259.44	9256.509	3050.033
#2	1019.505	1886.499	37857.51	9186.548	3054.505
#3	1064.419	1889.211	39451.78	9202.739	3056.389

Sample Name: I4726-12 Acquired: 8/15/2017 12:16:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3Z3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0846730	-.006115	.0773250	.0347738	.0138450	18.61876	.7539090
Stddev	.0043922	.000713	.0012850	.0021215	.0001869	.01455	.0009333
%RSD	5.187286	11.66088	1.661772	6.100976	1.350145	.0781363	.1237903

#1	.0881038	-.005331	.0782790	.0356646	.0136874	18.60219	.7549049
#2	.0797228	-.006724	.0758639	.0363047	.0140515	18.62464	.7537674
#3	.0861925	-.006290	.0778323	.0323521	.0137961	18.62945	.7530546

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017875	.0016190	97.35510	.1572158	.0116252	.0563848	42.83889
Stddev	.0000306	.0000768	.66334	.0007520	.0001630	.0002599	.21948
%RSD	1.712461	4.741509	.6813655	.4782916	1.402230	.4609143	.5123321

#1	.0017522	.0016523	96.64176	.1580832	.0115858	.0562020	42.58693
#2	.0018049	.0015312	97.47013	.1567487	.0118043	.0566823	42.98848
#3	.0018055	.0016734	97.95341	.1568155	.0114855	.0562701	42.94126

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4526929	21.05607	.0157919	.0009032	.8357048	.1665025	.1756307
Stddev	.0033476	.07752	.0005415	.0000147	.1184268	.0019995	.0006145
%RSD	.7394908	.3681452	3.429095	1.629722	14.17089	1.200880	.3499111

#1	.4488314	20.97185	.0151796	.0009154	.7689345	.1643724	.1749295
#2	.4547753	21.07192	.0162078	.0009074	.7657401	.1667962	.1758871
#3	.4544720	21.12443	.0159884	.0008869	.9724399	.1683389	.1760755

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.163120	1.017902	-.015551	.0225673	34.93901	6.991887	.0039778
Stddev	.024539	.000866	.001513	.0001460	.16794	.046802	.0008340
%RSD	.7757795	.0850313	9.727462	.6469726	.4806571	.6693769	20.96733

#1	3.163407	1.018769	-.016706	.0225422	34.96887	6.952606	.0048194
#2	3.138438	1.017900	-.013839	.0227243	34.75814	6.979384	.0031516
#3	3.187514	1.017038	-.016109	.0224355	35.09001	7.043671	.0039623

Sample Name: I4726-12 Acquired: 8/15/2017 12:16:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3Z3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6919897	.0017475	.0282566
Stddev	.0012386	.0000116	.0000257
%RSD	.1789967	.6610375	.0907590

#1	.6905777	.0017546	.0282273
#2	.6924986	.0017341	.0282751
#3	.6928929	.0017536	.0282674

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	977.4195	1742.216	37679.20	9084.302	2870.705
Stddev	3.6010	6.287	115.41	17.117	10.354
%RSD	.3684239	.3608613	.3062910	.1884292	.3606818

#1	973.2614	1736.095	37545.94	9103.098	2858.986
#2	979.4782	1741.894	37745.37	9080.200	2874.511
#3	979.5187	1748.657	37746.28	9069.608	2878.617

Sample Name: I4726-13 Acquired: 8/15/2017 12:20:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3Z3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0798347	-.005000	.0774482	.0345077	.0134512	18.63522	.7500255
Stddev	.0017638	.001394	.0012593	.0033554	.0005249	.03591	.0009420
%RSD	2.209329	27.87063	1.626041	9.723702	3.902450	.1926844	.1255946

#1	.0816853	-.003667	.0761648	.0312186	.0135856	18.60962	.7492388
#2	.0781729	-.004888	.0774979	.0343789	.0138958	18.67626	.7510694
#3	.0796458	-.006447	.0786820	.0379257	.0128721	18.61977	.7497684

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018406	.0016742	97.81675	.1559991	.0113048	.0569160	43.14294
Stddev	.0000994	.0000834	.14251	.0003167	.0000172	.0003088	.07191
%RSD	5.402244	4.982707	.1456871	.2030454	.1524920	.5425974	.1666890

#1	.0019454	.0016434	97.94725	.1561537	.0112849	.0567856	43.09715
#2	.0018288	.0017687	97.66469	.1556347	.0113136	.0566937	43.10584
#3	.0017476	.0016106	97.83829	.1562089	.0113159	.0572686	43.22583

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4576517	21.18900	.0160835	.0010058	.9198924	.1645271	.1717468
Stddev	.0007777	.07941	.0004250	.0002293	.0125211	.0012716	.0056485
%RSD	.1699338	.3747896	2.642660	22.79717	1.361150	.7729065	3.288884

#1	.4583542	21.25593	.0164030	.0011508	.9333592	.1636386	.1772129
#2	.4568160	21.20981	.0156011	.0011252	.9086024	.1659838	.1720957
#3	.4577849	21.10125	.0162463	.0007415	.9177157	.1639590	.1659320

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.159771	1.007881	-.017448	.0226622	34.66023	7.049632	.0035213
Stddev	.016242	.004460	.002153	.0004571	.13925	.037071	.0005586
%RSD	.5140280	.4425348	12.34192	2.017073	.4017625	.5258530	15.86177

#1	3.170540	1.010667	-.019919	.0230167	34.71790	7.082599	.0030042
#2	3.141089	1.002736	-.015967	.0228237	34.50141	7.009503	.0041137
#3	3.167684	1.010239	-.016459	.0221463	34.76138	7.056793	.0034462

Sample Name: I4726-13 Acquired: 8/15/2017 12:20:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ3Z3D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6914324	.0017036	.0283874
Stddev	.0008379	.0000267	.0000860
%RSD	.1211825	1.569536	.3030778

#1	.6916627	.0017026	.0282946
#2	.6921310	.0017308	.0284645
#3	.6905034	.0016773	.0284032

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	990.1699	1767.223	38053.39	9075.802	2915.905
Stddev	8.1131	11.347	103.26	39.402	16.216
%RSD	.8193636	.6420767	.2713546	.4341411	.5561163

#1	983.0752	1754.209	37977.75	9030.305	2897.222
#2	988.4189	1772.414	38011.38	9098.747	2926.328
#3	999.0154	1775.047	38171.03	9098.354	2924.164

Sample Name: I4726-14 Acquired: 8/15/2017 12:24:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3Z3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1517693	.1134236	.1023793	.1338596	.1609493	20.25730	4.657237
Stddev	.0018848	.0035990	.0022892	.0026384	.0007757	.06829	.023779
%RSD	1.241884	3.173093	2.235954	1.971005	.4819670	.3370942	.5105912

#1	.1517236	.1146978	.1008202	.1366200	.1618434	20.18514	4.663238
#2	.1499078	.1162121	.1013103	.1313631	.1605499	20.32090	4.677442
#3	.1536766	.1093608	.1050074	.1335956	.1604548	20.26587	4.631032

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0860219	.0855318	90.84058	.5452571	.8874625	.5261962	45.01252
Stddev	.0001525	.0001699	1.13592	.0029595	.0013870	.0018268	.36850
%RSD	.1772629	.1986832	1.250459	.5427759	.1562908	.3471766	.8186614

#1	.0858858	.0855504	89.75550	.5466414	.8860689	.5282449	44.61610
#2	.0859933	.0856917	90.74492	.5472709	.8874756	.5256072	45.07681
#3	.0861867	.0853533	92.02130	.5418592	.8888429	.5247365	45.34464

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.445483	19.96307	.8644718	.0392875	.9864206	1.147715	1.064606
Stddev	.013949	.10045	.0001484	.0003473	.0625264	.008960	.013376
%RSD	.9650010	.5031572	.0171686	.8838959	6.338721	.7807235	1.256428

#1	1.431301	19.87295	.8646427	.0389039	1.005210	1.137804	1.053281
#2	1.445961	19.94488	.8643744	.0393784	.916654	1.155242	1.061173
#3	1.459187	20.07136	.8643985	.0395803	1.037398	1.150099	1.079364

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.623963	.9693666	-.027774	.0203961	31.39204	6.265745	.0055325
Stddev	.016373	.0026891	.001406	.0003040	.08741	.020871	.0012506
%RSD	.4517926	.2774041	5.062215	1.490675	.2784611	.3330935	22.60522

#1	3.605057	.9662911	-.029358	.0202474	31.29599	6.287554	.0069322
#2	3.633405	.9712748	-.026675	.0207458	31.41320	6.245960	.0051406
#3	3.633426	.9705337	-.027289	.0201950	31.46694	6.263721	.0045248

Sample Name: I4726-14 Acquired: 8/15/2017 12:24:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ3Z3S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5981620	.0015231	.0263873
Stddev	.0041654	.0000420	.0000648
%RSD	.6963577	2.757550	.2454190

#1	.5933979	.0014955	.0264550
#2	.5999721	.0015023	.0263810
#3	.6011162	.0015714	.0263260

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	991.7803	1767.644	38052.13	9070.757	2933.506
Stddev	3.2887	9.056	3.29	14.561	10.314
%RSD	.3315964	.5123095	.0086416	.1605231	.3516014

#1	992.1296	1757.222	38048.59	9066.700	2921.792
#2	994.8804	1773.593	38052.71	9086.915	2937.500
#3	988.3308	1772.117	38055.09	9058.654	2941.226

Sample Name: I4726-12LX5 Acquired: 8/15/2017 12:28:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3Z3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0175141	-.002546	.0151583	.0071572	.0014473	3.814486	.1495405
Stddev	.0037725	.001042	.0007260	.0041226	.0006363	.010562	.0006908
%RSD	21.53965	40.91205	4.789264	57.60102	43.96557	.2768906	.4619728

#1	.0133113	-.001388	.0158236	.0096155	.0019722	3.812262	.1502769
#2	.0186236	-.002844	.0152673	.0094583	.0016302	3.825983	.1494380
#3	.0206075	-.003405	.0143840	.0023977	.0007396	3.805213	.1489067

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004302	.0002999	19.93692	.0315727	.0018079	.0124053	8.946065
Stddev	.0000425	.0000710	.02428	.0002686	.0001010	.0002950	.017011
%RSD	9.889843	23.68366	.1217653	.8506926	5.588421	2.378413	.1901521

#1	.0004353	.0002201	19.90935	.0314260	.0017714	.0124303	8.927955
#2	.0004700	.0003563	19.94630	.0318827	.0019221	.0120985	8.948529
#3	.0003854	.0003232	19.95511	.0314095	.0017302	.0126871	8.961709

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0946703	4.397432	.0031032	.0001205	.0967073	.0323522	.0354203
Stddev	.0003549	.027428	.0000698	.0002969	.0432225	.0005967	.0014385
%RSD	.3748391	.6237273	2.247545	246.3277	44.69417	1.844516	4.061196

#1	.0948794	4.367355	.0031575	-.000213	.0993808	.0328109	.0342799
#2	.0942605	4.403879	.0030245	.000357	.1385310	.0325681	.0370364
#3	.0948708	4.421062	.0031274	.000217	.0522101	.0316776	.0349447

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6155654	.1979420	-.005072	.0046385	7.187794	1.537576	.0012634
Stddev	.0078615	.0012977	.001115	.0002228	.011596	.010607	.0012329
%RSD	1.277114	.6555717	21.98148	4.802419	.1613343	.6898649	97.58333

#1	.6202781	.1988061	-.004045	.0048865	7.186421	1.544419	.0004584
#2	.6064900	.1964498	-.006258	.0044554	7.200017	1.542952	.0006491
#3	.6199281	.1985701	-.004913	.0045736	7.176946	1.525357	.0026827

Sample Name: I4726-12LX5 Acquired: 8/15/2017 12:28:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ3Z3L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1407252	.0003581	.0057825
Stddev	.0000608	.0000901	.0000148
%RSD	.0432315	25.15323	.2566380

#1	.1406606	.0004291	.0057787
#2	.1407336	.0002568	.0057989
#3	.1407814	.0003884	.0057700

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1048.964	1880.587	39174.79	9128.078	3222.463
Stddev	1.572	6.333	85.83	17.334	7.965
%RSD	.1498394	.3367431	.2190987	.1898934	.2471837

#1	1049.948	1873.610	39267.12	9137.788	3213.358
#2	1049.792	1882.179	39159.84	9108.066	3225.884
#3	1047.151	1885.972	39097.42	9138.380	3228.146

Sample Name: I4726-15 Acquired: 8/15/2017 12:33:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3Z4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.002794	-.031245	F 73.43975	-.024447	.1286255	153.1711
Stddev	.013521	.005358	.40701	.002067	.0028474	.2267
%RSD	1.348300	17.14715	.5542028	8.456614	2.213712	.1480102

#1	1.011673	-.028274	73.75040	-.025916	.1317025	153.0509
#2	.987233	-.028031	72.97902	-.022083	.1280905	153.0298
#3	1.009475	-.037430	73.58985	-.025342	.1260836	153.4326

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.479106	.0114222	.0829336	F 1144.582	.0944362	.0904400
Stddev	.004506	.0001878	.0006759	10.707	.0024239	.0010623
%RSD	.1817528	1.644303	.8150337	.9354434	2.566676	1.174591

#1	2.479315	.0115960	.0832977	1133.639	.0944555	.0914016
#2	2.474500	.0114475	.0821537	1145.070	.0968503	.0892997
#3	2.483504	.0112230	.0833494	1155.036	.0920027	.0906187

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.411040	305.3218	24.97436	376.3840	.2432759	.0689127
Stddev	.005959	.2745	.03222	.5230	.0016044	.0002400
%RSD	.4222853	.0899035	.1290209	.1389618	.6594941	.3482731

#1	1.408133	305.2203	24.94484	375.7922	.2436626	.0688247
#2	1.407093	305.6325	25.00873	376.7844	.2415136	.0691843
#3	1.417894	305.1125	24.96951	376.5754	.2446517	.0687291

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.449668	.7581425	21.34547	27.16096	1.642382	-.759711
Stddev	.057224	.0012648	.16963	.08203	.010523	.004346
%RSD	2.335989	.1668262	.7946882	.3020009	.6407287	.5720757

#1	2.496746	.7593719	21.44786	27.08410	1.653728	-.762113
#2	2.385975	.7568451	21.43888	27.15146	1.632941	-.762326
#3	2.466284	.7582105	21.14966	27.24733	1.640478	-.754695

Sample Name: I4726-15 Acquired: 8/15/2017 12:33:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3Z4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012810	6.167594	9.708504	.0279692	2.504183	.0250877
Stddev	.0004766	.022379	.018056	.0045839	.003092	.0001471
%RSD	37.20393	.3628422	.1859800	16.38895	.1234697	.5864949

#1	.0007750	6.193049	9.690032	.0329908	2.502047	.0250937
#2	.0013464	6.151015	9.726113	.0240095	2.502774	.0249377
#3	.0017214	6.158719	9.709366	.0269073	2.507729	.0252318

Elem	Sr4077
Units	ppm
Avg	.0615643
Stddev	.0001470
%RSD	.2387986

#1	.0615758
#2	.0614118
#3	.0617052

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	981.6887	1764.748	37454.68	9478.961	2073.429
Stddev	9.3436	9.725	430.55	15.200	13.229
%RSD	.9517868	.5510754	1.149512	.1603574	.6380174

#1	975.1882	1757.504	37119.29	9472.015	2060.172
#2	977.4817	1775.801	37304.57	9468.475	2086.630
#3	992.3961	1760.940	37940.19	9496.394	2073.486

Sample Name: I4726-16 Acquired: 8/15/2017 12:37:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3Z5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0182069	-.004415	.8031742	.0015888	.0021083	10.33097	.1589549
Stddev	.0029346	.001096	.0030194	.0004086	.0012278	.00480	.0006303
%RSD	16.11798	24.82050	.3759366	25.71752	58.23516	.0464792	.3965007

#1	.0207017	-.005002	.8052349	.0012367	.0007246	10.33329	.1590956
#2	.0189455	-.005091	.7997083	.0014929	.0025328	10.33417	.1595029
#3	.0149736	-.003150	.8045794	.0020369	.0030676	10.32545	.1582661

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013684	.0020804	7.676305	.0147744	.0083510	.0309129	22.48121
Stddev	.0000536	.0000505	.014030	.0007155	.0001690	.0002116	.05612
%RSD	3.915339	2.427007	.1827713	4.842888	2.024092	.6845206	.2496332

#1	.0013116	.0020323	7.668373	.0141177	.0084561	.0309784	22.50473
#2	.0013757	.0020759	7.692504	.0155370	.0081560	.0306763	22.41716
#3	.0014180	.0021330	7.668036	.0146685	.0084408	.0310840	22.52175

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.953315	6.257266	.0163388	.0001270	.0782367	.0257343	.5756056
Stddev	.004826	.014701	.0004172	.0001552	.0666331	.0005977	.0015004
%RSD	.2470856	.2349478	2.553229	122.1906	85.16860	2.322783	.2606647

#1	1.955227	6.248174	.0164830	.0000345	.1419319	.0261634	.5740394
#2	1.947825	6.249397	.0158687	.0000404	.0837678	.0259879	.5757473
#3	1.956892	6.274227	.0166647	.0003062	.0090104	.0250515	.5770302

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.206884	.1117649	-.055644	.0004820	.3532023	1.092146	.0022791
Stddev	.007031	.0012373	.000264	.0000219	.0023134	.002518	.0003457
%RSD	.5825956	1.107007	.4750480	4.541228	.6549895	.2306006	15.17062

#1	1.208790	.1119810	-.055764	.0004767	.3541801	1.094574	.0026103
#2	1.212765	.1128799	-.055827	.0004633	.3505605	1.089546	.0023065
#3	1.199096	.1104339	-.055341	.0005061	.3548663	1.092319	.0019204

Sample Name: I4726-16 Acquired: 8/15/2017 12:37:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ3Z5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2442759	.0012546	.0030713
Stddev	.0002593	.0000331	.0000129
%RSD	.1061590	2.635316	.4196564

#1	.2444493	.0012185	.0030823
#2	.2444007	.0012622	.0030744
#3	.2439778	.0012833	.0030571

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1076.456	1911.063	39894.43	9176.382	3195.970
Stddev	3.215	3.361	54.97	37.648	4.958
%RSD	.2986637	.1758860	.1377897	.4102722	.1551434

#1	1077.738	1908.682	39831.47	9137.939	3194.786
#2	1078.832	1909.599	39918.96	9178.023	3191.710
#3	1072.798	1914.908	39932.88	9213.182	3201.413

Sample Name: I4726-17 Acquired: 8/15/2017 12:41:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3Z6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1510467	-.015139	1.597817	.0006013	.0104732	71.96108
Stddev	.0048632	.002236	.006995	.0026073	.0018785	.14515
%RSD	3.219654	14.76751	.4378087	433.6388	17.93648	.2017053

#1	.1551251	-.013553	1.595004	-.002100	.0123889	72.05794
#2	.1523505	-.014169	1.605781	.000800	.0086342	71.79419
#3	.1456645	-.017696	1.592666	.003104	.0103964	72.03109

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.082228	.0052485	.0110209	F 1131.064	.0662324	.0400751
Stddev	.002655	.0000513	.0001434	4.552	.0006766	.0004028
%RSD	.2453144	.9773923	1.301523	.4024857	1.021591	1.005011

#1	1.084226	.0052335	.0108560	1132.819	.0664189	.0399629
#2	1.079216	.0052064	.0111174	1134.478	.0654821	.0397404
#3	1.083244	.0053056	.0110891	1125.896	.0667963	.0405221

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1680521	96.03816	7.071674	580.3014	.0928595	.0037917
Stddev	.0008720	.05904	.019117	1.2354	.0002557	.0000723
%RSD	.5188711	.0614765	.2703381	.2128929	.2753560	1.908082

#1	.1684225	96.03681	7.056199	579.7324	.0926971	.0037141
#2	.1686777	96.09786	7.093045	581.7188	.0927273	.0038574
#3	.1670560	95.97980	7.065778	579.4530	.0931543	.0038036

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.451988	.1360851	1.615464	17.73557	1.250136	-.155852
Stddev	.061232	.0009804	.005394	.07287	.003274	.002516
%RSD	4.217089	.7204083	.3338901	.4108901	.2618533	1.614494

#1	1.381794	.1356033	1.610763	17.72991	1.253855	-.152989
#2	1.479742	.1372132	1.621353	17.66569	1.248861	-.157712
#3	1.494427	.1354390	1.614277	17.81111	1.247691	-.156854

Sample Name: I4726-17 Acquired: 8/15/2017 12:41:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3Z6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023645	6.108339	9.442511	-.002809	1.359571	.0138436
Stddev	.0010505	.015845	.016872	.001446	.004103	.0000505
%RSD	44.42615	.2594016	.1786804	51.48075	.3018217	.3644399

#1	.0035715	6.125643	9.428915	-.003009	1.358978	.0138344
#2	.0016574	6.094540	9.437225	-.004145	1.355797	.0137984
#3	.0018645	6.104834	9.461393	-.001274	1.363939	.0138980

Elem	Sr4077
Units	ppm
Avg	.0803311
Stddev	.0001669
%RSD	.2078260

#1	.0804750
#2	.0801481
#3	.0803704

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	919.3020	1634.132	34548.75	8798.780	2143.706
Stddev	7.1109	9.422	103.13	34.383	9.915
%RSD	.7735091	.5765689	.2984917	.3907712	.4624995

#1	917.7558	1625.030	34497.60	8774.716	2137.353
#2	913.0914	1633.522	34481.19	8783.463	2138.634
#3	927.0588	1643.844	34667.45	8838.159	2155.130

Sample Name: I4726-18 Acquired: 8/15/2017 12:45:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3Z7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1387843	-.017833	1.551865	-.000293	.0086101	72.66923
Stddev	.0009020	.003834	.003298	.005209	.0023295	.21190
%RSD	.6499347	21.49794	.2125249	1777.985	27.05530	.2915926

#1	.1395077	-.013775	1.548095	.000643	.0109510	72.91390
#2	.1377736	-.021394	1.554216	.004385	.0085870	72.54573
#3	.1390715	-.018330	1.553283	-.005906	.0062922	72.54805

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.078040	.0050931	.0102990	F 1074.614	.0678360	.0404494
Stddev	.003804	.0002198	.0001470	3.792	.0002888	.0003347
%RSD	.3528925	4.315847	1.427355	.3528694	.4257337	.8275410

#1	1.082085	.0048666	.0103071	1078.820	.0680432	.0408278
#2	1.074534	.0053056	.0101482	1071.456	.0675061	.0401918
#3	1.077500	.0051072	.0104419	1073.567	.0679586	.0403286

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1681239	95.43040	7.122772	575.6041	.0901065	.0037791
Stddev	.0001427	.21796	.019034	.3245	.0014298	.0002939
%RSD	.0848929	.2284017	.2672306	.0563761	1.586837	7.776917

#1	.1679616	95.33002	7.113031	575.2294	.0917505	.0036422
#2	.1681802	95.68046	7.144705	575.7929	.0891527	.0041165
#3	.1682299	95.28070	7.110580	575.7900	.0894163	.0035786

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.492798	.1360691	1.627651	17.98070	1.184687	-.149458
Stddev	.022092	.0011766	.005459	.06669	.006201	.002010
%RSD	1.479891	.8647225	.3353884	.3708704	.5234496	1.344598

#1	1.468276	.1364929	1.627070	18.05276	1.179896	-.151392
#2	1.498970	.1369751	1.622506	17.96816	1.191691	-.147381
#3	1.511147	.1347393	1.633378	17.92116	1.182474	-.149602

Sample Name: I4726-18 Acquired: 8/15/2017 12:45:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3Z7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022236	6.078563	7.704860	-.003189	1.352753	.0136431
Stddev	.0004597	.029540	.024070	.002558	.001065	.0000630
%RSD	20.67501	.4859657	.3123943	80.21156	.0787088	.4620181

#1	.0022023	6.046060	7.711450	-.001511	1.351764	.0136958
#2	.0026937	6.103773	7.724948	-.006132	1.352614	.0135733
#3	.0017750	6.085856	7.678182	-.001923	1.353880	.0136602

Elem	Sr4077
Units	ppm
Avg	.0754523
Stddev	.0003007
%RSD	.3985048

#1	.0757755
#2	.0751808
#3	.0754007

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	918.5263	1643.964	34633.14	8762.664	2160.417
Stddev	1.0018	13.978	135.45	34.231	11.013
%RSD	.1090615	.8502809	.3910954	.3906490	.5097840

#1	919.5951	1632.712	34496.75	8731.326	2153.423
#2	918.3750	1639.568	34635.05	8757.472	2154.715
#3	917.6088	1659.612	34767.63	8799.195	2173.112

Sample Name: I4726-19 Acquired: 8/15/2017 12:49:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3Z8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1657704	-.022677	1.605284	-.014010	.0081638	230.8988	2.597436
Stddev	.0045841	.000967	.005346	.005308	.0013194	.6016	.011741
%RSD	2.765322	4.262837	.3330262	37.88680	16.16174	.2605579	.4520383

#1	.1608295	-.023793	1.611197	-.017387	.0072517	231.3506	2.607467
#2	.1698853	-.022132	1.600791	-.016751	.0075630	230.2158	2.584521
#3	.1665965	-.022107	1.603864	-.007892	.0096767	231.1299	2.600320

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0125843	.0142294	243.7268	.1427271	.1013372	.1972469	241.9606
Stddev	.0002122	.0001604	.8599	.0005699	.0002940	.0006949	.5113
%RSD	1.686398	1.127330	.3528187	.3993299	.2900991	.3522877	.2113274

#1	.0123759	.0144112	242.7348	.1422078	.1016763	.1978140	241.4705
#2	.0125769	.0141696	244.1848	.1433369	.1011542	.1964717	241.9205
#3	.0128001	.0141076	244.2607	.1426367	.1011811	.1974549	242.4908

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.86044	155.8740	.1903238	.0038508	2.133184	.3142029	2.839012
Stddev	.03187	.1825	.0009440	.0002816	.037962	.0025471	.014978
%RSD	.1890174	.1170502	.4959700	7.313835	1.779578	.8106545	.5275643

#1	16.82585	155.7048	.1914086	.0041754	2.175822	.3155517	2.853417
#2	16.86683	155.8499	.1898738	.0037059	2.120672	.3157919	2.840096
#3	16.88862	156.0673	.1896891	.0036712	2.103058	.3112650	2.823521

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.26296	.8494687	-.592727	-.000234	2.637676	6.377989	.0039958
Stddev	.04094	.0015122	.001224	.000050	.014585	.015658	.0009182
%RSD	.2125093	.1780165	.2064860	21.51840	.5529371	.2455024	22.97929

#1	19.30391	.8503732	-.593275	-.000273	2.654336	6.373412	.0030337
#2	19.22203	.8503100	-.591325	-.000177	2.631482	6.365129	.0040909
#3	19.26294	.8477230	-.593581	-.000251	2.627211	6.395425	.0048627

Sample Name: I4726-19 Acquired: 8/15/2017 12:49:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3Z8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.480861	.0333281	.0281705
Stddev	.009478	.0001746	.0001247
%RSD	.2115133	.5238350	.4426918

#1	4.472516	.0335171	.0283052
#2	4.478903	.0331728	.0280591
#3	4.491165	.0332945	.0281472

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1082.405	1924.984	40367.12	9907.324	2427.934
Stddev	11.151	14.572	204.83	36.795	16.947
%RSD	1.030201	.7570074	.5074284	.3713906	.6979950

#1	1070.429	1933.232	40153.36	9865.303	2433.167
#2	1084.297	1933.562	40386.34	9933.771	2441.647
#3	1092.488	1908.159	40561.67	9922.897	2408.988

Sample Name: PB101506BL Acquired: 8/15/2017 12:53:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006780	.0000631	.0038354	.0017594	-.000085	.0075257	-.003316
Stddev	.0016481	.0015895	.0010452	.0021695	.000604	.0050360	.000697
%RSD	243.0658	2520.953	27.25114	123.3095	713.0195	66.91729	21.01940

#1	.0015090	-.001772	.0026684	.0040420	-.000265	.0133223	-.003484
#2	-.001220	.000965	.0041527	.0015118	.000589	.0050286	-.003913
#3	.001745	.000996	.0046853	-.000276	-.000578	.0042262	-.002550

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000023	.0000385	.0600548	-.000566	.0002484	.0017048	.0344854
Stddev	.000067	.0000329	.0018501	.000379	.0003050	.0008911	.0016158
%RSD	284.3208	85.48713	3.080634	66.92008	122.7945	52.26907	4.685561

#1	-.000074	.0000045	.0616237	-.000996	.0002989	.0026825	.0357807
#2	.000052	.0000702	.0580147	-.000422	-.000079	.0009384	.0326747
#3	-.000049	.0000408	.0605261	-.000281	.000525	.0014934	.0350008

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032923	.0344104	.0002069	.0001840	-.042527	-.001010	.0023080
Stddev	.0001176	.0212884	.0001164	.0000821	.120680	.001539	.0013188
%RSD	3.572554	61.86605	56.25548	44.61885	283.7724	152.3535	57.13994

#1	.0034247	.0480842	.0003346	.0002651	.058597	-.000447	.0034623
#2	.0032523	.0452643	.0001067	.0001860	-.176119	-.002752	.0025912
#3	.0031999	.0098827	.0001795	.0001009	-.010058	.000168	.0008707

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.019542	.0000527	-.003056	.0001414	.0020477	-.001272	.0000030
Stddev	.017511	.0002252	.000477	.0005867	.0012082	.001100	.0005106
%RSD	89.60947	427.4142	15.61052	415.0548	59.00147	86.43164	17160.62

#1	-.026451	-.000031	-.003543	-.000030	.0023438	-.002082	.0005793
#2	.000370	-.000118	-.003036	.000795	.0007190	-.000020	-.000177
#3	-.032544	.000308	-.002589	-.000340	.0030803	-.001714	-.000393

Sample Name: PB101506BL Acquired: 8/15/2017 12:53:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008934	-.000052	.0000860
Stddev	.0003133	.000019	.0000058
%RSD	35.07238	36.93916	6.708898

#1	.0006873	-.000058	.0000825
#2	.0007388	-.000030	.0000927
#3	.0012540	-.000067	.0000828

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1085.268	1909.927	39634.79	8793.973	3341.947
Stddev	10.593	17.069	234.87	145.902	20.551
%RSD	.9760759	.8937210	.5925963	1.659118	.6149490

#1	1084.123	1926.980	39575.11	8853.929	3356.012
#2	1096.387	1909.959	39893.75	8627.644	3351.468
#3	1075.294	1892.841	39435.51	8900.345	3318.362

Sample Name: PB101506BS Acquired: 8/15/2017 12:57:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) 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	.0241261	.0569095	.0190811	.0745076	.1191528	.4063818
Stddev	.0022931	.0001772	.0004296	.0010099	.0011519	.0024809
%RSD	9.504780	.3113729	2.251211	1.355387	.9667158	.6104785

#1	.0240630	.0567115	.0195702	.0735834	.1188062	.4035174
#2	.0218652	.0570533	.0187653	.0743539	.1204382	.4078464
#3	.0264501	.0569636	.0189078	.0755855	.1182141	.4077817

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3642187	.0127038	.0107350	10.47098	.0234592	.0947345
Stddev	.0012156	.0000497	.0000456	.03562	.0005789	.0007752
%RSD	.3337595	.3911488	.4248999	.3401706	2.467579	.8182535

#1	.3633679	.0127588	.0107707	10.43513	.0231294	.0944171
#2	.3636772	.0126907	.0107506	10.47146	.0241277	.0956180
#3	.3656109	.0126621	.0106836	10.50637	.0231207	.0941684

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0538882	.2405459	.0350815	10.39115	.0768264	.0215489
Stddev	.0012420	.0040676	.0003291	.07450	.0005647	.0001417
%RSD	2.304754	1.690996	.9381724	.7169830	.7350387	.6576618

#1	.0537694	.2359264	.0354555	10.31224	.0764404	.0215801
#2	.0551852	.2421204	.0348361	10.40094	.0774745	.0213941
#3	.0527098	.2435910	.0349529	10.46028	.0765643	.0216724

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.21414	.1091957	.1188842	9.110123	F .0026982	F .0218241
Stddev	.11319	.0020832	.0019218	.036165	.0003166	.0002034
%RSD	1.108162	1.907720	1.616532	.3969712	11.73531	.9317822

#1	10.10903	.1075950	.1207293	9.068370	.0023329	.0219702
#2	10.19941	.1084411	.1168939	9.130351	.0028682	.0219104
#3	10.33397	.1115510	.1190294	9.131647	.0028935	.0215919

Sample Name: PB101506BS Acquired: 8/15/2017 12:57:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) 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	.0235601	.1737727	.2220435	F .0128091	.2090566	.0119744
Stddev	.0004181	.0021027	.0038922	.0008750	.0012037	.0000509
%RSD	1.774466	1.210039	1.752903	6.831430	.5757959	.4246373

#1	.0237859	.1743444	.2179673	.0127295	.2077434	.0119157
#2	.0238169	.1714432	.2224422	.0137212	.2093188	.0120026
#3	.0230777	.1755304	.2257210	.0119766	.2101076	.0120049

Elem	Sr4077
Units	ppm
Avg	.0377990
Stddev	.0000343
%RSD	.0907506

#1	.0377614
#2	.0378071
#3	.0378286

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1104.415	1929.629	39807.69	9146.527	3266.781
Stddev	7.575	1.800	95.84	33.174	6.709
%RSD	.6859212	.0932895	.2407532	.3626926	.2053592

#1	1095.776	1930.303	39699.96	9184.611	3273.661
#2	1107.548	1927.590	39883.48	9131.051	3260.258
#3	1109.922	1930.996	39839.63	9123.920	3266.423

Sample Name: I4724-01 Acquired: 8/15/2017 13:01:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3S9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047186	-.001015	-.001069	.0027860	-.000719	.0087100	.0167884
Stddev	.0025945	.001125	.000646	.0007033	.000469	.0037041	.0001113
%RSD	54.98354	110.8223	60.40293	25.24576	65.22338	42.52662	.6628157

#1	.0076921	.000279	-.001256	.0024972	-.001061	.0052571	.0167774
#2	.0029157	-.001569	-.000350	.0022730	-.000910	.0082505	.0169047
#3	.0035481	-.001756	-.001600	.0035877	-.000184	.0126223	.0166830

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000013	-.000119	22.22764	-.000920	-.000891	.0017407	.0068268
Stddev	.000046	.000034	.11331	.000376	.000124	.0004406	.0029971
%RSD	362.3530	29.04911	.5097806	40.85029	13.93855	25.30861	43.90214

#1	-.000064	-.000097	22.13581	-.000578	-.000987	.0013679	.0102492
#2	-.000002	-.000158	22.35427	-.000860	-.000936	.0016274	.0055602
#3	.000027	-.000100	22.19283	-.001322	-.000751	.0022269	.0046709

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001906	12.65791	-.000344	.0000126	1.230278	-.000449	.0015513
Stddev	.0002078	.04309	.000430	.0000456	.102416	.000726	.0029236
%RSD	109.0323	.3404481	124.9508	361.7477	8.324600	161.4368	188.4541

#1	.0004037	12.61516	-.000383	.0000254	1.329368	-.000316	.0042855
#2	-.000011	12.70134	.000104	.0000505	1.236631	-.001233	.0018990
#3	.000179	12.65723	-.000754	-.000038	1.124833	.000200	-.001531

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.331655	.0005507	.0009229	.0003108	.6026170	3.345014	-.001218
Stddev	.032943	.0000349	.0010522	.0001082	.0036521	.012006	.000447
%RSD	9.932960	6.335036	114.0077	34.80546	.6060354	.3589286	36.71172

#1	-.353306	.0005881	-.000008	.0001890	.6040058	3.336250	-.000943
#2	-.293743	.0005451	.000713	.0003476	.6053709	3.340094	-.000976
#3	-.347916	.0005190	.002064	.0003958	.5984743	3.358699	-.001734

Sample Name: I4724-01 Acquired: 8/15/2017 13:01:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3S9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001650	-.000162	.0040815
Stddev	.0003853	.000039	.0000186
%RSD	233.5615	23.97711	.4563114

#1	-.000212	-.000185	.0040762
#2	.000149	-.000185	.0041023
#3	.000558	-.000117	.0040662

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1086.932	1904.788	39365.25	9090.543	3259.344
Stddev	4.622	3.827	73.86	28.984	3.243
%RSD	.4252482	.2009387	.1876332	.3188335	.0995090

#1	1090.154	1906.906	39291.23	9123.964	3261.897
#2	1081.636	1907.089	39365.57	9072.307	3260.440
#3	1089.006	1900.370	39438.96	9075.358	3255.694

Sample Name: I4724-02 Acquired: 8/15/2017 13:05:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3T0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001297	-.000743	-.001215	.0007849	-.000681	.0043575	-.002592
Stddev	.001108	.000230	.000184	.0006160	.000554	.0033572	.000449
%RSD	85.43197	30.99748	15.15836	78.48729	81.28666	77.04399	17.32818

#1	-.000614	-.000986	-.001418	.0012580	-.000846	.0043004	-.002132
#2	-.000701	-.000716	-.001166	.0010084	-.001134	.0010292	-.003030
#3	-.002575	-.000527	-.001060	.0000883	-.000064	.0077430	-.002615

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000159	-.000009	.0148667	-.001199	.0000261	.0053411	.0204436
Stddev	.0000701	.000040	.0046864	.000464	.0001379	.0004483	.0009334
%RSD	439.7660	445.7163	31.52277	38.65794	527.5097	8.392453	4.565930

#1	-.000052	.000003	.0201985	-.001276	.0001059	.0048597	.0193847
#2	.000088	-.000054	.0113997	-.001620	-.000133	.0054172	.0211472
#3	.000013	.000024	.0130021	-.000702	.000106	.0057464	.0207989

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013702	.0138307	.0003587	.0001543	.6017933	-.000802	.0366439
Stddev	.0003966	.0158399	.0002041	.0002657	.0843468	.000763	.0006587
%RSD	28.94310	114.5270	56.88962	172.2332	14.01591	95.03264	1.797511

#1	.0017677	.0162331	.0005883	-.000060	.6991823	-.000255	.0374015
#2	.0009745	-.003073	.0001979	.000451	.5521393	-.000479	.0362068
#3	.0013684	.028332	.0002900	.000072	.5540582	-.001673	.0363234

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.727801	-.000199	-.000370	.0000918	.0010471	.3223539	.0001965
Stddev	.007837	.000356	.000215	.0000405	.0017655	.0031176	.0009510
%RSD	1.076804	179.2296	58.19781	44.05834	168.6146	.9671244	483.8890

#1	-.726507	-.000001	-.000523	.0001367	.0010328	.3192222	-.000555
#2	-.720691	.000014	-.000464	.0000809	-.000711	.3254571	-.000122
#3	-.736204	-.000610	-.000124	.0000580	.002820	.3223823	.001266

Sample Name: I4724-02 Acquired: 8/15/2017 13:05:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ3T0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008801	-.000334	.0000851
Stddev	.0009052	.000035	.0000025
%RSD	102.8544	10.52341	2.929904

#1	.0005387	-.000359	.0000879
#2	.0001952	-.000348	.0000833
#3	.0019063	-.000294	.0000840

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1100.417	1946.298	40376.47	9170.094	3415.736
Stddev	1.129	4.050	22.86	45.461	.965
%RSD	.1026056	.2080752	.0566138	.4957479	.0282450

#1	1101.141	1950.973	40350.73	9219.361	3416.676
#2	1099.116	1943.864	40394.39	9161.152	3415.785
#3	1100.994	1944.057	40384.29	9129.768	3414.748

Sample Name: I4724-03 Acquired: 8/15/2017 13:10:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3T1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024734	-.000501	-.002153	.0008407	-.001338	-.005016	-.002869
Stddev	.0001965	.000896	.000333	.0004837	.000659	.001509	.000076
%RSD	7.943064	178.7033	15.44924	57.53590	49.30067	30.08483	2.651854

#1	.0025754	.000481	-.002184	.0010183	-.001518	-.005281	-.002806
#2	.0022469	-.000711	-.001806	.0012105	-.000607	-.006375	-.002953
#3	.0025978	-.001274	-.002470	.0002933	-.001888	-.003392	-.002846

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000290	-.000021	.1708214	-.001375	.0000258	.0000910	-.000104
Stddev	.0000353	.000072	.0074539	.000386	.0001731	.0004665	.002566
%RSD	121.6954	337.5685	4.363547	28.05114	670.1048	512.6262	2460.282

#1	.0000683	.000019	.1754359	-.000929	-.000023	.0001042	-.001606
#2	-.000000	.000022	.1748062	-.001599	-.000118	.0005508	.002858
#3	.000019	-.000105	.1622221	-.001596	.000218	-.000382	-.001566

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000720	.0770530	.0001008	.0000930	.6733907	-.002984	-.001026
Stddev	.0002072	.0161812	.0002914	.0000757	.0074247	.000377	.001326
%RSD	287.6878	21.00013	289.1761	81.36681	1.102581	12.62665	129.2519

#1	-.000144	.0649169	-.000157	.0001637	.6816209	-.002654	-.002318
#2	.000091	.0954243	.000042	.0001020	.6713549	-.003394	.000332
#3	.000269	.0708179	.000417	.0000132	.6671963	-.002903	-.001093

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.724156	.0001151	.0004027	-.000027	.0120245	.4636040	-.000012
Stddev	.021488	.0001089	.0006489	.000134	.0027383	.0019473	.000455
%RSD	2.967312	94.64185	161.1416	500.1694	22.77270	.4200390	3646.413

#1	-.699368	.0001214	.0006294	-.000164	.0143709	.4615204	-.000522
#2	-.735606	.0002208	.0009078	-.000019	.0126868	.4639137	.000131
#3	-.737495	.0000032	-.000329	.000103	.0090158	.4653779	.000354

Sample Name: I4724-03 Acquired: 8/15/2017 13:10:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ3T1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006242	-.000286	.0002354
Stddev	.0003302	.000029	.0000011
%RSD	52.90198	10.07573	.4800609

#1	.0002483	-.000302	.0002351
#2	.0007569	-.000253	.0002366
#3	.0008675	-.000304	.0002344

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1102.354	1947.115	40483.21	9133.966	3426.849
Stddev	4.904	6.775	180.21	53.803	12.166
%RSD	.4448220	.3479531	.4451471	.5890452	.3550111

#1	1107.549	1949.203	40675.29	9182.142	3434.543
#2	1097.805	1939.541	40317.85	9143.851	3412.824
#3	1101.708	1952.600	40456.48	9075.906	3433.182

Sample Name: I4724-04 Acquired: 8/15/2017 13:14:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3T2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000940	-.002082	-.001080	.0041128	-.001950	.0046571	.0166869
Stddev	.002419	.001541	.000435	.0005213	.001062	.0052661	.0001328
%RSD	257.5238	73.98873	40.30013	12.67443	54.45730	113.0764	.7957414

#1	.001529	-.003252	-.000622	.0035202	-.002772	.0096026	.0165340
#2	-.001041	-.002658	-.001132	.0043174	-.000751	.0052484	.0167732
#3	-.003307	-.000337	-.001488	.0045007	-.002326	-.000880	.0167535

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000246	-.000092	18.39415	-.000948	-.000788	.0015263	-.000590
Stddev	.0000101	.000051	.03498	.000502	.000165	.0010643	.003689
%RSD	41.03445	55.83965	.1901736	52.96909	20.89148	69.72892	625.2310

#1	.0000359	-.000131	18.37712	-.000625	-.000943	.0027285	-.002544
#2	.0000165	-.000111	18.37094	-.001526	-.000616	.0011461	.003665
#3	.0000213	-.000034	18.43438	-.000692	-.000804	.0007044	-.002892

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001276	10.61168	-.000014	.0000266	.9112166	-.001180	.0114321
Stddev	.0002456	.00457	.000158	.0002657	.0982249	.000742	.0025566
%RSD	192.4691	.0430322	1129.233	998.2242	10.77954	62.86427	22.36355

#1	.0004108	10.61670	-.000190	.0001502	.8272534	-.000495	.0118884
#2	-.000002	10.60777	.000113	.0002081	1.019234	-.001968	.0086781
#3	-.000026	10.61058	.000036	-.000278	.887162	-.001078	.0137299

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.358449	.0002711	.0000870	.0002358	.6280072	2.956996	-.001395
Stddev	.024858	.0002031	.0008532	.0002530	.0039859	.016242	.000650
%RSD	6.934844	74.91077	980.4199	107.2822	.6346902	.5492670	46.57646

#1	-.366241	.0001388	-.000562	.0005173	.6236852	2.941784	-.001824
#2	-.378478	.0001696	-.000231	.0000278	.6315385	2.955103	-.000647
#3	-.330629	.0005049	.001053	.0001622	.6287979	2.974101	-.001714

Sample Name: I4724-04 Acquired: 8/15/2017 13:14:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ3T2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004777	-.000163	.0037102
Stddev	.0005283	.000054	.0000171
%RSD	110.5964	33.02226	.4613188

#1	.0010070	-.000118	.0036905
#2	.0004758	-.000223	.0037187
#3	-.000050	-.000149	.0037214

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1068.601	1877.430	39108.61	9036.179	3239.645
Stddev	4.658	17.794	68.95	4.426	14.423
%RSD	.4359293	.9477631	.1763012	.0489786	.4452007

#1	1070.543	1885.155	39157.67	9040.943	3242.859
#2	1063.286	1890.055	39029.78	9035.401	3252.189
#3	1071.974	1857.079	39138.38	9032.194	3223.886

Sample Name: I4724-05 Acquired: 8/15/2017 13:18:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3T3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014260	-.001176	-.001966	.0013767	-.001055	.0008124	-.003279
Stddev	.0016580	.000285	.000307	.0008350	.000675	.0012986	.000358
%RSD	116.2697	24.25388	15.62092	60.65293	64.02331	159.8396	10.92596

#1	.0031116	-.001325	-.002022	.0004739	-.001305	-.000513	-.003660
#2	.0013694	-.001357	-.001634	.0021214	-.001569	.002083	-.002949
#3	-.000203	-.000847	-.002240	.0015349	-.000290	.000868	-.003227

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000022	-.000078	.1981906	-.001534	.0000317	.0013570	.0044154
Stddev	.000027	.000045	.0071571	.000329	.0000887	.0002976	.0022711
%RSD	125.2222	57.66885	3.611219	21.43197	279.6962	21.93341	51.43663

#1	.000009	-.000027	.1906195	-.001909	.0001252	.0015575	.0064524
#2	-.000030	-.000096	.1991068	-.001399	-.000051	.0014985	.0019665
#3	-.000044	-.000112	.2048455	-.001294	.000021	.0010150	.0048274

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000492	.0600692	.0000059	.0003840	.6909082	-.000982	.0014766
Stddev	.0002631	.0076700	.0000460	.0002167	.0683572	.001264	.0006710
%RSD	534.5969	12.76865	774.3770	56.41408	9.893823	128.6980	45.44463

#1	-.000204	.0688687	.0000520	.0004852	.6668565	.000412	.0007505
#2	.000031	.0565395	.0000057	.0001353	.7680404	-.001305	.0016055
#3	.000321	.0547996	-.000040	.0005316	.6378275	-.002054	.0020739

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.721227	-.000050	-.000038	.0000551	.0141056	.4624842	.0001318
Stddev	.020346	.000163	.000646	.0002398	.0020948	.0030822	.0007311
%RSD	2.821093	322.4717	1687.891	434.8718	14.85084	.6664445	554.8133

#1	-.706288	-.000096	.000653	-.000222	.0146308	.4640034	-.000062
#2	-.712993	-.000185	-.000626	.000199	.0117981	.4589373	-.000483
#3	-.744400	.000130	-.000142	.000189	.0158877	.4645118	.000940

Sample Name: I4724-05 Acquired: 8/15/2017 13:18:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3T3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002175	-.000308	.0002346
Stddev	.0001150	.000036	.0000024
%RSD	52.86721	11.74172	1.035894

#1	.0002249	-.000289	.0002349
#2	.0003286	-.000350	.0002368
#3	.0000990	-.000286	.0002320

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1082.041	1922.904	39892.06	9142.668	3384.303
Stddev	5.944	15.636	207.32	8.683	17.952
%RSD	.5493377	.8131440	.5197022	.0949702	.5304576

#1	1085.191	1933.076	39994.14	9150.679	3394.897
#2	1075.184	1904.899	39653.49	9143.884	3363.575
#3	1085.746	1930.736	40028.55	9133.441	3394.437

Sample Name: I4724-06 Acquired: 8/15/2017 13:22:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3T4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006237	.0003061	-.001584	.0021414	-.000967	-.003653	-.003271
Stddev	.0023157	.0015576	.001894	.0022514	.000829	.000493	.000297
%RSD	371.2669	508.8923	119.6036	105.1379	85.77804	13.50517	9.068923

#1	.0013559	.0014589	-.003118	.0019026	-.001479	-.004211	-.003515
#2	.0024849	.0009252	-.002167	.0000189	-.000010	-.003274	-.002941
#3	-.001970	-.001466	.000534	.0045026	-.001412	-.003475	-.003358

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000013	-.000061	.0004004	-.001173	.0000393	.0014939	.0030215
Stddev	.000077	.000072	.0069866	.000188	.0000620	.0004036	.0015668
%RSD	608.9000	118.2319	1744.754	16.02792	157.7946	27.01718	51.85589

#1	-.000081	-.000061	.0080693	-.001089	.0000463	.0015588	.0040379
#2	-.000028	.000011	-.005603	-.001389	.0000976	.0018611	.0012171
#3	.000071	-.000133	-.001265	-.001042	-.000026	.0010618	.0038096

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003223	-.004088	-.000064	.0000722	.5351176	-.000079	.0016944
Stddev	.0004825	.014455	.000044	.0002403	.1178648	.001983	.0021054
%RSD	149.7359	353.5870	69.69590	332.8913	22.02597	2524.731	124.2564

#1	-.000081	-.001141	-.000115	-.000185	.4019759	.001632	-.000448
#2	.000857	-.019789	-.000037	.000291	.6261238	-.002252	.003761
#3	.000191	.008666	-.000039	.000111	.5772531	.000385	.001770

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.734247	-.000048	-.000501	.0001629	-.004800	.3068533	-.000318
Stddev	.010462	.000166	.000361	.0001362	.001639	.0017906	.001152
%RSD	1.424814	346.7343	72.05585	83.60040	34.14296	.5835317	361.8149

#1	-.737215	-.000219	-.000284	.0002024	-.006404	.3047977	.000949
#2	-.722622	-.000036	-.000917	.0002748	-.004868	.3076889	-.000603
#3	-.742904	.000112	-.000301	.0000113	-.003128	.3080734	-.001302

Sample Name: I4724-06 Acquired: 8/15/2017 13:22:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ3T4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007056	-.000320	.0000765
Stddev	.0003030	.000041	.0000040
%RSD	42.94851	12.73500	5.191934

#1	.0004222	-.000290	.0000787
#2	.0006695	-.000304	.0000719
#3	.0010251	-.000366	.0000788

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1088.965	1899.497	39999.26	9070.022	3362.879
Stddev	2.012	25.074	27.07	48.668	28.330
%RSD	.1847446	1.320058	.0676664	.5365776	.8424336

#1	1089.734	1871.717	39987.77	9119.701	3330.603
#2	1086.682	1906.319	39979.84	9022.433	3374.406
#3	1090.480	1920.454	40030.18	9067.933	3383.629

Sample Name: CCV013 Acquired: 8/15/2017 13:26:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV013 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.972132	4.715888	24.27283	5.014786	4.925767	400.0443
Stddev	.064353	.054445	.29575	.062007	.052519	1.1603
%RSD	1.294275	1.154509	1.218443	1.236480	1.066209	.2900405

#1	5.044815	4.777980	24.61431	5.085628	4.985136	399.0932
#2	4.922405	4.676315	24.09845	4.970370	4.885370	399.7026
#3	4.949176	4.693368	24.10573	4.988360	4.906795	401.3370

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.787123	.4970481	2.502663	406.1053	14.90104	2.513420
Stddev	.079477	.0019777	.031852	1.8669	.05161	.030563
%RSD	.8120555	.3978938	1.272711	.4597030	.3463295	1.216002

#1	9.703069	.4984195	2.539441	404.1064	14.93809	2.548671
#2	9.861053	.4979437	2.484220	406.4059	14.92294	2.494320
#3	9.797246	.4947810	2.484326	407.8037	14.84210	2.497270

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.91550	405.6789	14.79912	408.9274	2.366535	1.308349
Stddev	.03842	1.2832	.04809	1.5939	.026261	.004627
%RSD	.2575728	.3163035	.3249653	.3897642	1.109677	.3536361

#1	14.88534	404.3267	14.74533	407.1891	2.396846	1.313594
#2	14.95875	405.8305	14.81409	409.2726	2.352110	1.304843
#3	14.90239	406.8795	14.83795	410.3202	2.350648	1.306612

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	408.0100	2.455673	14.35089	149.5322	F 6.222353	F 4.190868
Stddev	.9413	.012219	.14890	.2248	.090745	.023063
%RSD	.2307057	.4975721	1.037567	.1503194	1.458368	.5503059

#1	406.9262	2.443133	14.26219	149.5462	6.326080	4.204536
#2	408.6230	2.456343	14.26769	149.7496	6.157636	4.203827
#3	408.4809	2.467543	14.52280	149.3007	6.183343	4.164241

Sample Name: CCV013 Acquired: 8/15/2017 13:26:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV013 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.894916	5.258957	4.822564	4.885584	4.909450	6.048490
Stddev	.059797	.080756	.017810	.064026	.012139	.062046
%RSD	1.221611	1.535593	.3693122	1.310518	.2472605	1.025812

#1	4.963594	5.349976	4.830439	4.959204	4.901649	6.107940
#2	4.854395	5.195893	4.835079	4.854642	4.923436	6.053390
#3	4.866760	5.231003	4.802174	4.842905	4.903264	5.984139

Elem	Sr4077
Units	ppm
Avg	7.006019
Stddev	.025955
%RSD	.3704684

#1	6.980337
#2	7.032239
#3	7.005482

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	835.8018	1502.960	32237.39	8157.622	2039.619
Stddev	5.4689	17.860	23.52	11.184	26.051
%RSD	.6543268	1.188353	.0729475	.1370979	1.277235

#1	838.2419	1482.352	32227.95	8159.703	2009.544
#2	839.6257	1513.958	32264.15	8145.544	2054.165
#3	829.5376	1512.569	32220.05	8167.620	2055.148

Sample Name: CCB013 Acquired: 8/15/2017 13:31:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB013 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000821	.0015687	-.002749	.0016056	-.000780	-.001266	-.003714
Stddev	.0017080	.0021136	.000338	.0033010	.001598	.001274	.000401
%RSD	2081.160	134.7316	12.28727	205.5912	204.9729	100.5685	10.80308

#1	-.001873	.0015475	-.002403	.0054113	.001058	-.001085	-.004044
#2	.000833	.0036928	-.002767	-.000482	-.001844	-.000093	-.003267
#3	.001286	-.000534	-.003078	-.000112	-.001553	-.002621	-.003831

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000113	.0000110	.0077363	-.000728	.0001951	.0003532	.0036825
Stddev	.0000232	.0000522	.0059526	.000307	.0001484	.0005853	.0029504
%RSD	205.2608	474.3347	76.94378	42.17541	76.06685	165.7320	80.11972

#1	-.000002	.0000694	.0085913	-.001035	.0001554	.0006307	.0005745
#2	.000038	-.000005	.0132152	-.000421	.0003593	.0007481	.0064448
#3	-.000002	-.000031	.0014024	-.000729	.0000706	-.000319	.0040281

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000890	.0020473	.0003810	.0001811	-.155018	-.002314	-.000890
Stddev	.0002124	.0094232	.0000514	.0001031	.079266	.000624	.001974
%RSD	238.6091	460.2625	13.48901	56.92450	51.13319	26.97265	221.7884

#1	-.000137	.0039513	.0003928	.0000629	-.245355	-.002528	-.003148
#2	.000285	.0103732	.0004254	.0002279	-.097103	-.002802	.000508
#3	.000120	-.008182	.0003247	.0002526	-.122597	-.001611	-.000030

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.035419	-.000255	.0036148	.0006849	.0010216	-.002648	.0016068
Stddev	.007971	.000288	.0007093	.0003963	.0008104	.000870	.0008484
%RSD	22.50630	113.1665	19.62106	57.86195	79.33195	32.84539	52.79923

#1	-.026663	-.000571	.0041639	.0004717	.0000870	-.003651	.0013666
#2	-.037338	-.000006	.0028140	.0011421	.0015304	-.002106	.0025493
#3	-.042256	-.000188	.0038664	.0004408	.0014473	-.002187	.0009044

Sample Name: CCB013 Acquired: 8/15/2017 13:31:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB013 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004758	.0004878	.0001539
Stddev	.0004779	.0000689	.0000198
%RSD	100.4434	14.12572	12.84184

#1	.0009107	.0004834	.0001720
#2	.0005526	.0005588	.0001570
#3	-.000036	.0004212	.0001328

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1072.067	1921.263	38962.67	8857.136	3357.907
Stddev	15.240	3.030	486.06	36.654	5.738
%RSD	1.421528	.1577213	1.247512	.4138394	.1708805

#1	1071.414	1920.391	38910.42	8835.638	3352.318
#2	1057.165	1918.764	38504.84	8836.310	3363.783
#3	1087.623	1924.633	39472.74	8899.459	3357.618

Sample Name: I4724-07 Acquired: 8/15/2017 13:35:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3T5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050671	.0002024	.0056716	.0026614	-.001236	.0619440	.0510026
Stddev	.0027030	.0013670	.0012142	.0012612	.001111	.0032717	.0006882
%RSD	53.34366	675.3388	21.40812	47.38703	89.88852	5.281622	1.349283

#1	.0078586	-.001374	.0062765	.0035159	-.002473	.0617760	.0517853
#2	.0048803	.001059	.0042738	.0012129	-.000913	.0587595	.0507300
#3	.0024624	.000922	.0064644	.0032554	-.000322	.0652964	.0504925

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000289	-.000051	35.63437	-.000502	-.000799	.0019590	.1639607
Stddev	.0000676	.000091	.18307	.000595	.000275	.0005985	.0035471
%RSD	234.2239	178.8315	.5137461	118.4503	34.35748	30.54973	2.163404

#1	.0000506	-.000058	35.79687	-.000111	-.001031	.0023029	.1675358
#2	.0000829	.000044	35.43603	-.000209	-.000871	.0012680	.1604422
#3	-.000047	-.000138	35.67022	-.001187	-.000496	.0023062	.1639042

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0289986	17.92873	.0002454	.0002046	1.751108	.0003025	.0043665
Stddev	.0005839	.05369	.0002795	.0000482	.059649	.0020457	.0007868
%RSD	2.013623	.2994753	113.9013	23.53388	3.406346	676.2900	18.02022

#1	.0289702	17.92498	.0002538	.0002542	1.758194	.0021489	.0039663
#2	.0284293	17.87701	-.000038	.0002017	1.688233	.0006552	.0038602
#3	.0295961	17.98419	.000521	.0001580	1.806898	-.001897	.0052730

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.174733	.0012467	.0069905	.0006399	.4988940	5.997466	-.001824
Stddev	.017836	.0002451	.0006944	.0002852	.0064651	.036936	.000541
%RSD	10.20748	19.65883	9.934049	44.56615	1.295888	.6158651	29.66290

#1	-.180835	.0011093	.0067210	.0006230	.4990808	6.015277	-.002411
#2	-.188718	.0011011	.0064712	.0003636	.4923375	5.954999	-.001716
#3	-.154647	.0015296	.0077793	.0009332	.5052637	6.022121	-.001345

Sample Name: I4724-07 Acquired: 8/15/2017 13:35:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3T5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0023128	-.000042	.0103052
Stddev	.0001459	.000057	.0000415
%RSD	6.308820	135.9682	.4022906

#1	.0024451	.000000	.0102808
#2	.0023369	-.000019	.0102818
#3	.0021563	-.000108	.0103531

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1068.974	1880.201	38959.13	9031.827	3190.375
Stddev	3.283	3.198	181.44	51.959	5.409
%RSD	.3070947	.1700767	.4657211	.5752882	.1695450

#1	1072.664	1876.880	38999.89	9019.310	3196.557
#2	1067.879	1883.259	38760.77	9088.900	3188.058
#3	1066.378	1880.466	39116.72	8987.269	3186.510

Sample Name: I4724-08 Acquired: 8/15/2017 13:39:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3T6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010642	-.000031	.0035079	.0012113	-.001269	.0621054	.0510327
Stddev	.0021891	.000560	.0006413	.0046046	.000819	.0022971	.0001451
%RSD	205.6944	1780.410	18.28037	380.1354	64.54821	3.698747	.2843413

#1	.0033739	.000280	.0038078	-.003914	-.002176	.0647574	.0510963
#2	.0007988	-.000677	.0039442	.005000	-.001050	.0607344	.0511352
#3	-.000980	.000303	.0027716	.002547	-.000582	.0608244	.0508667

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000604	-.000142	35.17428	-.000746	-.000901	.0018007	.1461264
Stddev	.0000602	.000060	.17381	.000205	.000108	.0007081	.0068543
%RSD	99.66410	42.44923	.4941303	27.52633	11.97952	39.32399	4.690631

#1	.0000028	-.000074	35.01787	-.000733	-.000802	.0022130	.1396729
#2	.0001230	-.000164	35.14358	-.000958	-.000885	.0009831	.1533211
#3	.0000556	-.000189	35.36139	-.000548	-.001016	.0022061	.1453853

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0268625	17.73533	.0001707	.0002859	1.743643	-.001274	.0026713
Stddev	.0001626	.09479	.0001007	.0002011	.019480	.000446	.0019419
%RSD	.6054100	.5344864	58.96861	70.34461	1.117178	34.97965	72.69334

#1	.0266976	17.70435	.0002153	.0002200	1.735996	-.001119	.0029168
#2	.0270227	17.65991	.0000554	.0001260	1.729146	-.000928	.0006184
#3	.0268670	17.84174	.0002413	.0005117	1.765785	-.001777	.0044788

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.146882	.0010968	.0057544	.0004083	.4918093	5.877603	-.001324
Stddev	.030111	.0002559	.0004958	.0003825	.0057172	.028573	.001393
%RSD	20.50000	23.32756	8.616128	93.66518	1.162492	.4861301	105.1822

#1	-.119229	.0012672	.0057924	.0008497	.4905817	5.891186	-.002903
#2	-.142456	.0008026	.0062302	.0002013	.4868055	5.844772	-.000804
#3	-.178961	.0012207	.0052407	.0001741	.4980406	5.896850	-.000266

Sample Name: I4724-08 Acquired: 8/15/2017 13:39:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3T6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0019363	-.000033	.0102998
Stddev	.0003241	.000008	.0000522
%RSD	16.73698	23.89166	.5072376

#1	.0020448	-.000032	.0102841
#2	.0021922	-.000026	.0102573
#3	.0015719	-.000041	.0103581

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1057.373	1865.145	38613.88	8999.164	3172.939
Stddev	8.602	8.701	121.38	40.932	5.021
%RSD	.8135215	.4664996	.3143482	.4548443	.1582599

#1	1055.090	1866.131	38529.28	8994.977	3175.099
#2	1066.887	1855.992	38752.96	9042.028	3167.199
#3	1050.144	1873.310	38559.40	8960.486	3176.519

Sample Name: I4724-09 Acquired: 8/15/2017 13:43:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3T6D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006313	.0004269	.0044380	.0010987	-.001466	.0575860	.0511792
Stddev	.0011545	.0009114	.0008388	.0034104	.001380	.0037075	.0003695
%RSD	182.8867	213.5119	18.90008	310.4029	94.17247	6.438125	.7219480

#1	.0019396	-.000624	.0050348	-.002838	-.000104	.0533483	.0513759
#2	-.000245	.000897	.0034790	.003159	-.002864	.0602309	.0507530
#3	.000199	.001007	.0048003	.002975	-.001430	.0591788	.0514088

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000874	-.000129	35.37493	-.001109	-.000848	.0015259	.1504547
Stddev	.0000512	.000037	.94717	.000586	.000114	.0002109	.0055419
%RSD	58.59902	28.25264	2.677519	52.79093	13.42706	13.82060	3.683454

#1	.0001341	-.000087	34.80790	-.001628	-.000979	.0016663	.1554799
#2	.0000326	-.000155	34.84851	-.000474	-.000782	.0016281	.1445109
#3	.0000955	-.000145	36.46838	-.001226	-.000781	.0012834	.1513732

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0268529	17.70669	-.000207	.0002573	1.798331	-.001404	.0031281
Stddev	.0006964	.42247	.000236	.0001324	.035451	.002554	.0030001
%RSD	2.593448	2.385948	114.1816	51.45099	1.971313	181.9094	95.90753

#1	.0269228	17.40606	-.000085	.0001045	1.758121	-.003992	.0002514
#2	.0261242	17.52428	-.000479	.0003363	1.811792	-.001334	.0028949
#3	.0275117	18.18972	-.000056	.0003311	1.825079	.001114	.0062380

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.159422	.0008529	.0058581	.0003450	.4926107	5.851093	-.000989
Stddev	.016951	.0004101	.0007403	.0001838	.0092207	.101429	.000694
%RSD	10.63301	48.07857	12.63661	53.27457	1.871808	1.733499	70.10219

#1	-.162075	.0005060	.0055457	.0001721	.4844793	5.788780	-.000360
#2	-.174891	.0013055	.0053252	.0005380	.4907239	5.796368	-.000876
#3	-.141301	.0007472	.0067033	.0003248	.5026289	5.968130	-.001733

Sample Name: I4724-09 Acquired: 8/15/2017 13:43:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3T6D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0019630	-.000026	.0103241
Stddev	.0003703	.000054	.0001646
%RSD	18.86472	204.9763	1.594252

#1	.0016385	-.000083	.0102291
#2	.0018840	-.000021	.0102290
#3	.0023664	.000024	.0105141

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1064.980	1870.249	38833.80	8997.626	3178.848
Stddev	4.436	4.649	92.33	175.374	7.110
%RSD	.4165436	.2486016	.2377449	1.949115	.2236800

#1	1069.087	1869.817	38928.33	9103.448	3174.571
#2	1065.577	1865.831	38829.23	9094.238	3174.917
#3	1060.276	1875.100	38743.85	8795.191	3187.056

Sample Name: I4724-10 Acquired: 8/15/2017 13:47:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3T6S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0448187	.0711516	.0239508	.0558096	.1010183	2.034666	2.194469
Stddev	.0053668	.0014420	.0016933	.0011040	.0009290	.004832	.005614
%RSD	11.97442	2.026608	7.070085	1.978059	.9196314	.2374992	.2558087

#1	.0413239	.0720455	.0228862	.0570675	.1019128	2.032902	2.188774
#2	.0509981	.0694881	.0230628	.0553599	.1000583	2.040132	2.194635
#3	.0421342	.0719213	.0259035	.0550015	.1010837	2.030963	2.199998

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0549605	.0481016	34.92583	.2272459	.4878081	.2636467	1.318972
Stddev	.0001673	.0000375	.10563	.0016412	.0014122	.0018817	.004313
%RSD	.3043122	.0780263	.3024301	.7222007	.2894938	.7137245	.3270312

#1	.0549330	.0480648	34.87699	.2290945	.4889741	.2614990	1.320150
#2	.0551398	.0481398	34.85346	.2259604	.4882124	.2644358	1.314192
#3	.0548087	.0481003	35.04704	.2266827	.4862379	.2650055	1.322574

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5913055	17.55762	.4873918	.0239470	1.843456	.5637075	.4860721
Stddev	.0013744	.05147	.0011596	.0003851	.078020	.0019113	.0126009
%RSD	.2324326	.2931520	.2379294	1.607933	4.232267	.3390631	2.592395

#1	.5925348	17.54930	.4879004	.0241388	1.905773	.5649801	.5003970
#2	.5898216	17.51081	.4882102	.0241985	1.868640	.5646328	.4811190
#3	.5915601	17.61274	.4860647	.0235038	1.755954	.5615096	.4767003

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.171294	-.001602	.0029986	.0000330	.4889452	5.854752	-.001379
Stddev	.013493	.000289	.0003606	.0002637	.0032329	.026193	.001085
%RSD	7.877039	18.02825	12.02586	800.3324	.6611989	.4473873	78.70904

#1	-.182066	-.001934	.0025825	.0003236	.4923628	5.829417	-.002126
#2	-.175657	-.001408	.0032199	-.000191	.4885370	5.881727	-.001876
#3	-.156160	-.001464	.0031935	-.000034	.4859358	5.853112	-.000134

Sample Name: I4724-10 Acquired: 8/15/2017 13:47:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3T6S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0016501	-.000028	.0102684
Stddev	.0004689	.000029	.0000216
%RSD	28.41633	106.6826	.2101920

#1	.0011602	.000004	.0102438
#2	.0016954	-.000054	.0102769
#3	.0020948	-.000034	.0102843

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1058.492	1868.304	38645.20	9087.963	3164.169
Stddev	11.790	1.663	301.65	23.218	7.392
%RSD	1.113856	.0889989	.7805521	.2554768	.2336270

#1	1044.959	1869.364	38313.94	9093.033	3161.601
#2	1066.542	1866.388	38904.06	9062.629	3158.404
#3	1063.976	1869.161	38717.61	9108.226	3172.503

Sample Name: I4724-08LX5 Acquired: 8/15/2017 13:51:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3T6L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022432	-.001607	-.000164	.0016858	-.000278	.0111951	.0067839
Stddev	.0037629	.002173	.000321	.0004758	.001273	.0007665	.0005171
%RSD	167.7445	135.1678	195.8534	28.22402	457.8502	6.847184	7.621760

#1	.0064448	-.002716	.000206	.0012595	-.001558	.0118588	.0072925
#2	-.000816	.000896	-.000364	.0015988	-.000263	.0103561	.0062588
#3	.001101	-.003002	-.000334	.0021991	.000987	.0113705	.0068005

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000101	-.000053	6.984570	-.001242	-.000221	.0010639	.0300834
Stddev	.0000430	.000055	.016101	.000282	.000232	.0006535	.0057884
%RSD	423.8853	103.3875	.2305167	22.75181	104.8954	61.42827	19.24105

#1	-.000031	.000009	6.969152	-.001106	-.000453	.0009355	.0342513
#2	.000055	-.000074	7.001276	-.001052	.000010	.0017721	.0234744
#3	.000006	-.000093	6.983284	-.001566	-.000219	.0004841	.0325246

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055213	3.492802	.0003713	.0002769	.2938461	-.002696	-.000976
Stddev	.0001850	.015404	.0001707	.0000960	.0479388	.000976	.002815
%RSD	3.351078	.4410352	45.96877	34.67798	16.31425	36.19515	288.3820

#1	.0053411	3.508532	.0001774	.0001666	.3132046	-.002651	-.003064
#2	.0055119	3.492130	.0004990	.0003225	.3290787	-.001744	-.002091
#3	.0057108	3.477745	.0004376	.0003416	.2392552	-.003694	.002226

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.066873	.0001701	-.001147	.0001240	.0988044	1.179317	-.000051
Stddev	.017462	.0001644	.000404	.0001672	.0025098	.006413	.001212
%RSD	26.11212	96.66878	35.24866	134.8514	2.540209	.5437555	2366.940

#1	-.046794	.0003127	-.001604	.0002474	.0996590	1.178919	-.000755
#2	-.078505	-.000010	-.000835	.0001908	.0959789	1.185919	-.000747
#3	-.075321	.000207	-.001003	-.000066	.1007753	1.173112	.001348

Sample Name: I4724-08LX5 Acquired: 8/15/2017 13:51:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3T6L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0013841	.0000592	.0021381
Stddev	.0003290	.0000218	.0000056
%RSD	23.76852	36.77830	.2596363

#1	.0017142	.0000811	.0021332
#2	.0013819	.0000591	.0021441
#3	.0010562	.0000375	.0021369

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1060.312	1877.371	38676.23	8798.630	3249.551
Stddev	4.480	13.790	84.11	29.170	22.285
%RSD	.4224878	.7345308	.2174697	.3315339	.6857784

#1	1060.908	1864.198	38727.82	8812.899	3226.753
#2	1055.565	1876.210	38579.17	8765.072	3250.617
#3	1064.465	1891.704	38721.70	8817.919	3271.284

Sample Name: I4724-11 Acquired: 8/15/2017 13:55:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3T7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014315	.0004029	.0044228	.0007887	-.000954	.0365896	.0509569
Stddev	.0030009	.0000322	.0013690	.0028360	.000530	.0006335	.0005474
%RSD	209.6357	7.981368	30.95230	359.5757	55.60935	1.731301	1.074305

#1	.0048966	.0003703	.0045117	.0032349	-.001529	.0359574	.0510916
#2	-.000313	.0004037	.0057451	-.002320	-.000848	.0365871	.0503547
#3	-.000290	.0004346	.0030115	.001451	-.000484	.0372243	.0514245

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000017	-.000128	35.33910	-.001334	-.000822	.0010556	.1228943
Stddev	.000038	.000064	.03704	.000164	.000171	.0001487	.0047653
%RSD	219.0358	49.81677	.1048195	12.29752	20.85365	14.08993	3.877539

#1	-.000041	-.000073	35.36860	-.001333	-.000679	.0010956	.1214982
#2	-.000037	-.000114	35.29753	-.001498	-.001012	.0011802	.1189830
#3	.000026	-.000198	35.35116	-.001170	-.000775	.0008910	.1282017

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0271837	17.80232	-.000084	.0003948	1.811621	-.000919	.0017719
Stddev	.0005132	.03079	.000283	.0001677	.085688	.000878	.0024277
%RSD	1.887793	.1729766	336.6164	42.47714	4.729882	95.54308	137.0105

#1	.0268908	17.83730	-.000409	.0004459	1.715931	-.001362	.0001328
#2	.0277763	17.77931	.000050	.0005311	1.881260	.000092	.0006220
#3	.0268841	17.79034	.000107	.0002075	1.837671	-.001488	.0045608

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.161923	.0005701	.0051266	.0000265	.4958757	5.839971	-.001947
Stddev	.008023	.0002224	.0003793	.0001749	.0007125	.006172	.001268
%RSD	4.954897	39.01460	7.399253	660.5211	.1436747	.1056896	65.13498

#1	-.164865	.0008248	.0055434	.0002176	.4960093	5.838312	-.001382
#2	-.152844	.0004142	.0050346	-.000125	.4951059	5.834797	-.003400
#3	-.168060	.0004713	.0048017	-.000013	.4965118	5.846803	-.001060

Sample Name: I4724-11 Acquired: 8/15/2017 13:55:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3T7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0014766	-.000032	.0102963
Stddev	.0003214	.000045	.0000262
%RSD	21.76508	139.1242	.2544339

#1	.0011088	-.000083	.0102879
#2	.0017032	-.000015	.0102753
#3	.0016179	.000001	.0103256

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1063.760	1869.060	38746.42	9008.163	3175.092
Stddev	2.232	5.779	27.21	14.026	1.415
%RSD	.2098004	.3092040	.0702181	.1557001	.0445645

#1	1064.399	1869.921	38775.15	9023.473	3174.805
#2	1065.602	1874.360	38743.04	9005.082	3176.628
#3	1061.278	1862.898	38721.05	8995.934	3173.842

Sample Name: I4724-12 Acquired: 8/15/2017 14:00:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3T8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035225	.0005377	-.001550	.0017602	-.001896	.0039962	.0326104
Stddev	.0029917	.0017693	.000726	.0019620	.000477	.0032495	.0003176
%RSD	84.93064	329.0363	46.85795	111.4669	25.17568	81.31522	.9739997

#1	.0053661	.0001154	-.001484	.0038473	-.001577	.0053800	.0324033
#2	.0051308	-.000982	-.002307	.0014796	-.002445	.0063248	.0324518
#3	.0000707	.002480	-.000859	-.000046	-.001665	.0002838	.0329761

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000295	-.000057	22.66229	-.001193	-.000751	.0009672	.0651613
Stddev	.0000560	.000024	.06644	.000241	.000061	.0001945	.0044191
%RSD	190.1357	42.50318	.2931679	20.19525	8.132862	20.10667	6.781759

#1	.0000340	-.000052	22.67336	-.001250	-.000697	.0011907	.0622880
#2	.0000831	-.000036	22.72250	-.001400	-.000817	.0008365	.0702499
#3	-.000029	-.000084	22.59101	-.000928	-.000740	.0008745	.0629461

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031477	12.79604	-.000261	.0003301	1.886465	.0021930	.0030212
Stddev	.0003126	.02692	.000084	.0001660	.105261	.0003640	.0012828
%RSD	9.930264	.2103494	32.19381	50.27636	5.579800	16.59944	42.45897

#1	.0028082	12.81499	-.000179	.0003571	1.819644	.0019953	.0024032
#2	.0034236	12.80789	-.000347	.0001523	1.831948	.0019706	.0021644
#3	.0032113	12.76523	-.000258	.0004808	2.007802	.0026131	.0044960

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.305523	.0014861	.0052749	.0003287	.4837346	5.145442	-.000154
Stddev	.014141	.0002141	.0011513	.0000374	.0023012	.026387	.000767
%RSD	4.628545	14.40520	21.82523	11.36883	.4757182	.5128222	497.2599

#1	-.317196	.0012862	.0054944	.0003143	.4816226	5.121923	.000635
#2	-.309574	.0017119	.0063007	.0003711	.4861871	5.140426	-.000896
#3	-.289798	.0014601	.0040298	.0003007	.4833942	5.173977	-.000201

Sample Name: I4724-12 Acquired: 8/15/2017 14:00:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3T8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003323	-.000167	.0061318
Stddev	.0003268	.000016	.0000106
%RSD	98.32751	9.539890	.1733958

#1	-.000010	-.000185	.0061424
#2	.000365	-.000154	.0061317
#3	.000642	-.000163	.0061212

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1065.808	1873.899	38927.12	9005.026	3213.684
Stddev	1.699	3.218	21.42	30.683	4.596
%RSD	.1594110	.1717049	.0550300	.3407368	.1430127

#1	1066.903	1877.563	38947.88	9038.001	3218.895
#2	1063.850	1871.534	38905.10	8977.315	3211.948
#3	1066.669	1872.600	38928.39	8999.762	3210.209

Sample Name: I4724-13 Acquired: 8/15/2017 14:04:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3T9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001064	.0000798	-.002539	.0052466	-.001564	-.003073	-.002844
Stddev	.0017627	.0011533	.000452	.0037128	.001094	.003140	.000554
%RSD	1656.519	1446.070	17.78224	70.76513	69.94149	102.1947	19.49364

#1	.0021348	-.000456	-.002335	.0094949	-.002156	.000150	-.002214
#2	-.001054	-.000709	-.002225	.0036211	-.002233	-.003246	-.003063
#3	-.000762	.001403	-.003057	.0026238	-.000302	-.006123	-.003256

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000592	-.000032	.0107701	.0001192	.0001459	.0014035	.0020840
Stddev	.0000185	.000033	.0064020	.0003633	.0002139	.0002238	.0011852
%RSD	31.28295	103.8606	59.44207	304.7127	146.6126	15.94862	56.86835

#1	.0000725	.000005	.0037601	-.000069	.0003853	.0012022	.0027928
#2	.0000380	-.000058	.0163073	.000538	-.000026	.0013638	.0007158
#3	.0000669	-.000043	.0122430	-.000111	.000078	.0016446	.0027435

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000115	.0029390	.0009036	.0001207	.0297373	-.002295	-.000328
Stddev	.0003547	.0162084	.0004087	.0001593	.0326376	.000283	.002278
%RSD	3092.794	551.4978	45.22736	132.0025	109.7532	12.34685	695.4523

#1	.0003159	-.014753	.0010673	-.000063	.0590085	-.002576	.001106
#2	.0000966	.017072	.0004385	.000198	.0356593	-.002300	.000866
#3	-.000378	.006498	.0012050	.000226	-.005456	-.002010	-.002954

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.734487	-.000015	-.004277	.0000095	-.010231	.0000161	.0004061
Stddev	.014843	.000235	.000426	.0001443	.000566	.0002531	.0003237
%RSD	2.020919	1614.239	9.967221	1515.914	5.528441	1570.102	79.70331

#1	-.741505	-.000224	-.004764	.0001755	-.009580	.0000948	.0007446
#2	-.744520	-.000060	-.004096	-.000061	-.010604	-.000267	.0000996
#3	-.717436	.000240	-.003970	-.000086	-.010509	.000221	.0003741

Sample Name: I4724-13 Acquired: 8/15/2017 14:04:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3T9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008653	-.000294	.0000865
Stddev	.0002973	.000033	.0000040
%RSD	34.36401	11.31614	4.594624

#1	.0005923	-.000297	.0000824
#2	.0011821	-.000325	.0000903
#3	.0008215	-.000259	.0000868

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1088.600	1927.913	40000.58	9161.268	3397.113
Stddev	10.617	5.059	343.47	47.581	18.579
%RSD	.9752460	.2624117	.8586747	.5193662	.5468956

#1	1088.715	1923.210	40003.56	9125.187	3377.040
#2	1099.158	1933.266	40342.56	9143.425	3413.706
#3	1077.926	1927.263	39655.63	9215.190	3400.594

Sample Name: I4724-14 Acquired: 8/15/2017 14:08:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3W0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008994	.0008037	-.000379	.0004743	-.001347	.0285533	.0038846
Stddev	.0017862	.0011280	.000261	.0002549	.001677	.0046815	.0003838
%RSD	198.5914	140.3542	68.80027	53.74634	124.5415	16.39549	9.879879

#1	-.001159	-.000389	-.000156	.0002541	-.001787	.0339020	.0041526
#2	.001811	.001854	-.000315	.0004153	-.002760	.0252010	.0040562
#3	.002046	.000945	-.000666	.0007535	.000507	.0265570	.0034449

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000181	-.000061	2.615535	-.001658	-.000242	.0009674	.0307854
Stddev	.0000212	.000040	.012842	.000096	.000133	.0010495	.0025240
%RSD	117.1573	65.20533	.4909869	5.774533	54.96316	108.4885	8.198625

#1	.0000088	-.000089	2.619692	-.001681	-.000203	.0010618	.0279329
#2	.0000031	-.000016	2.601130	-.001553	-.000390	.0019666	.0316937
#3	.0000423	-.000078	2.625784	-.001741	-.000133	-.000126	.0327294

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022789	1.117001	.0001562	.0001819	.3897871	-.000580	.0018941
Stddev	.0001009	.018738	.0001977	.0000392	.0556083	.000568	.0020996
%RSD	4.428707	1.677553	126.5512	21.55075	14.26633	98.00671	110.8501

#1	.0021630	1.133669	.0000003	.0001389	.3550067	.000076	.0005083
#2	.0023265	1.120615	.0000897	.0002157	.4539216	-.000925	.0008642
#3	.0023473	1.096719	.0003785	.0001911	.3604331	-.000890	.0043097

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.625919	.0011291	-.001460	.0000647	.1036737	1.518931	.0000509
Stddev	.029592	.0001135	.000676	.0004170	.0018523	.004459	.0003926
%RSD	4.727764	10.04889	46.27065	644.0656	1.786706	.2935540	770.8817

#1	-.593527	.0011936	-.000716	.0001413	.1017697	1.517117	-.000300
#2	-.632692	.0011956	-.001629	.0004382	.1054697	1.515664	.000475
#3	-.651537	.0009981	-.002036	-.000385	.1037816	1.524011	-.000023

Sample Name: I4724-14 Acquired: 8/15/2017 14:08:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3W0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011498	-.000246	.0014989
Stddev	.0004144	.000056	.0000176
%RSD	36.03990	22.85610	1.172528

#1	.0006722	-.000291	.0014920
#2	.0013633	-.000263	.0014858
#3	.0014140	-.000183	.0015188

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1097.031	1918.532	40016.33	9115.624	3364.900
Stddev	1.266	5.926	89.78	31.996	4.269
%RSD	.1154386	.3088651	.2243675	.3509972	.1268776

#1	1096.486	1917.261	39971.67	9110.654	3363.607
#2	1096.128	1913.345	40119.68	9149.814	3361.426
#3	1098.479	1924.990	39957.62	9086.405	3369.666

Sample Name: I4724-15 Acquired: 8/15/2017 14:12:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3W1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000836	-.001364	-.002525	.0014881	-.000824	.0022973	-.003040
Stddev	.0015474	.002223	.001012	.0019286	.000408	.0055461	.000534
%RSD	1851.985	162.9799	40.07279	129.6069	49.47272	241.4168	17.54824

#1	-.001242	-.000322	-.002416	.0036995	-.000788	-.001196	-.002447
#2	.001784	-.003917	-.001572	.0006099	-.000435	.008692	-.003193
#3	-.000291	.000147	-.003587	.0001547	-.001248	-.000605	-.003481

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000334	-.000088	.0128495	-.001607	-.000068	.0010756	.0030978
Stddev	.0000412	.000017	.0029046	.000235	.000089	.0011271	.0017364
%RSD	123.6323	18.77682	22.60450	14.60153	130.3844	104.7836	56.05289

#1	.0000777	-.000079	.0146708	-.001373	-.000074	.0023736	.0051027
#2	-.000004	-.000077	.0143777	-.001842	-.000154	.0005084	.0020827
#3	.000026	-.000107	.0094998	-.001605	.000023	.0003448	.0021079

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000045	-.012644	-.000055	.0001383	-.043792	-.001819	.0000127
Stddev	.000173	.006953	.000183	.0001488	.139988	.001525	.0004234
%RSD	386.6183	54.99045	332.7790	107.5598	319.6631	83.83255	3344.051

#1	.000007	-.006228	-.000088	.0002586	-.088430	-.001890	-.000445
#2	-.000237	-.020032	-.000220	.0001844	-.156018	-.003307	.000092
#3	.000096	-.011671	.000143	-.000028	.113071	-.000260	.000391

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.753698	-.000440	-.003383	-.000128	-.008460	-.000984	.0006379
Stddev	.012341	.000214	.000441	.000453	.005609	.000764	.0007954
%RSD	1.637336	48.78939	13.03528	353.0673	66.30692	77.65798	124.6879

#1	-.740857	-.000531	-.003891	-.000619	-.004964	-.000909	-.000245
#2	-.754768	-.000593	-.003150	.000273	-.014930	-.000260	.001300
#3	-.765468	-.000194	-.003107	-.000039	-.005485	-.001783	.000859

Sample Name: I4724-15 Acquired: 8/15/2017 14:12:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ3W1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006808	-.000273	.0000813
Stddev	.0005462	.000065	.0000034
%RSD	80.22093	23.70584	4.205962

#1	.0001125	-.000254	.0000775
#2	.0007283	-.000220	.0000820
#3	.0012017	-.000346	.0000842

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1091.822	1917.644	39981.90	9068.574	3373.350
Stddev	4.284	4.852	74.30	19.292	5.397
%RSD	.3923875	.2530107	.1858314	.2127303	.1599870

#1	1094.252	1915.008	40002.81	9090.712	3376.204
#2	1086.875	1914.681	39899.38	9059.646	3367.126
#3	1094.338	1923.244	40043.50	9055.363	3376.721

Sample Name: PB101550BL Acquired: 8/15/2017 14:16:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) 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	-.000759	-.000968	-.001445	.0018389	-.001564	-.000873	-.004104
Stddev	.002074	.001231	.001350	.0022801	.001598	.002903	.000352
%RSD	273.4251	127.1838	93.43204	123.9961	102.1428	332.6664	8.576543

#1	.001635	-.001900	-.000055	.0034057	-.003381	.002473	-.003803
#2	-.001881	-.001431	-.002752	-.000777	-.000936	-.002713	-.004491
#3	-.002030	.000427	-.001529	.002888	-.000376	-.002378	-.004018

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000022	.0000344	.0088578	.0000562	.0001285	.0009382	.0007877
Stddev	.000057	.0000514	.0096370	.0001121	.0000385	.0004414	.0022487
%RSD	258.3938	149.0279	108.7971	199.5695	29.96101	47.04724	285.4719

#1	.000025	-.000016	.0166263	.0001675	.0000842	.0008744	.0010247
#2	-.000085	.000087	.0118734	-.000057	.0001537	.0014081	.0029084
#3	-.000007	.000032	-.001926	.000058	.0001476	.0005322	-.001570

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001309	.0094421	.0003567	.0001653	-.112382	-.001707	.0000696
Stddev	.0002043	.0239547	.0001313	.0001482	.037033	.000398	.0024609
%RSD	156.0327	253.7000	36.81745	89.69228	32.95275	23.29130	3533.546

#1	-.000074	.0271460	.0003846	.0002566	-.114344	-.001593	-.001476
#2	.000131	-.017815	.0004719	.0002450	-.074407	-.002149	-.001222
#3	.000335	.018996	.0002137	-.000006	-.148395	-.001379	.002907

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2334423	.0001251	-.002746	.0001833	.0100572	-.000429	.0005423
Stddev	.0127992	.0001943	.000363	.0001689	.0045045	.000689	.0009487
%RSD	5.482806	155.3241	13.22296	92.15247	44.78879	160.5348	174.9444

#1	.2371659	.0001292	-.002360	.0003783	.0131194	.000358	-.000502
#2	.2439669	.0003173	-.002796	.0000816	.0121670	-.000723	.001350
#3	.2191942	-.000071	-.003081	.0000900	.0048850	-.000923	.000779

Sample Name: PB101550BL Acquired: 8/15/2017 14:16:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) 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	.0004412	.0002170	.0000853
Stddev	.0005726	.0000778	.0000040
%RSD	129.7887	35.84768	4.643810

#1	-.000178	.0003065	.0000808
#2	.000952	.0001795	.0000883
#3	.000549	.0001651	.0000869

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1057.672	1900.924	38751.45	8704.497	3313.770
Stddev	3.834	32.656	33.98	33.321	49.693
%RSD	.3625120	1.717910	.0876913	.3828019	1.499596

#1	1054.790	1870.831	38726.23	8713.585	3268.756
#2	1056.203	1896.294	38738.02	8667.575	3305.459
#3	1062.024	1935.649	38790.09	8732.332	3367.094

Sample Name: PB101550BS Acquired: 8/15/2017 14:20:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) 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	.0215819	.0578488	.0185931	.0751050	.1208227	.4046349
Stddev	.0008663	.0024518	.0012967	.0008604	.0008332	.0050587
%RSD	4.013924	4.238312	6.974355	1.145565	.6895784	1.250199

#1	.0225112	.0588329	.0173731	.0753863	.1198841	.3999890
#2	.0214377	.0550579	.0199549	.0741392	.1214748	.4038916
#3	.0207967	.0596557	.0184513	.0757895	.1211094	.4100242

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3645927	.0127154	.0107215	10.53103	.0232417	.0949461
Stddev	.0018552	.0000151	.0001179	.06180	.0002150	.0003277
%RSD	.5088415	.1183320	1.099599	.5868011	.9249197	.3451673

#1	.3631196	.0127023	.0106207	10.60205	.0234415	.0953064
#2	.3639824	.0127318	.0106926	10.48951	.0232694	.0946658
#3	.3666762	.0127119	.0108511	10.50153	.0230143	.0948660

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0536526	.2428101	.0350817	10.46328	.0774540	.0218121
Stddev	.0006407	.0078003	.0005986	.06277	.0004700	.0002521
%RSD	1.194128	3.212500	1.706417	.5999076	.6067421	1.155946

#1	.0539638	.2351040	.0354401	10.51562	.0770065	.0218212
#2	.0540783	.2426251	.0343906	10.48053	.0774118	.0220596
#3	.0529158	.2507012	.0354143	10.39368	.0779436	.0215556

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.31281	.1081717	.1171725	9.150622	F .0028079	F .0216630
Stddev	.14538	.0010528	.0024888	.023911	.0002348	.0008126
%RSD	1.409676	.9732272	2.124061	.2613081	8.362937	3.751128

#1	10.39212	.1074182	.1179504	9.129717	.0028488	.0211188
#2	10.14502	.1093745	.1143876	9.145454	.0030196	.0225971
#3	10.40127	.1077222	.1191794	9.176695	.0025553	.0212731

Sample Name: PB101550BS Acquired: 8/15/2017 14:20:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) 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	.0241565	.1731333	.2212043	F .0142899	.2101534	.0120807
Stddev	.0004501	.0028460	.0013183	.0007541	.0005356	.0000764
%RSD	1.863420	1.643815	.5959505	5.277186	.2548679	.6325809

#1	.0238088	.1722592	.2201081	.0144511	.2106935	.0119925
#2	.0239959	.1763138	.2226671	.0134683	.2096224	.0121279
#3	.0246650	.1708269	.2208378	.0149505	.2101445	.0121217

Elem	Sr4077
Units	ppm
Avg	.0378529
Stddev	.0001060
%RSD	.2799707

#1	.0377588
#2	.0378321
#3	.0379677

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1089.784	1897.468	39366.85	9060.891	3221.873
Stddev	2.392	2.289	40.92	10.573	1.891
%RSD	.2194643	.1206464	.1039473	.1166918	.0586855

#1	1092.480	1898.594	39332.40	9054.575	3223.796
#2	1088.951	1898.977	39412.08	9073.098	3221.807
#3	1087.920	1894.834	39356.06	9055.001	3220.016

Sample Name: PB101551BL Acquired: 8/15/2017 14:24:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) 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	.0016916	-.000708	-.002120	.0013016	-.000138	.0013143	-.004031
Stddev	.0016537	.001265	.001296	.0004507	.000596	.0029121	.000371
%RSD	97.76000	178.7430	61.14965	34.62386	431.5719	221.5651	9.192055

#1	.0015078	-.000102	-.000980	.0007813	-.000031	-.000729	-.004457
#2	.0001375	.000141	-.001848	.0015560	.000397	.000023	-.003858
#3	.0034295	-.002162	-.003530	.0015677	-.000780	.004649	-.003779

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000004	-.000024	.0158125	-.000486	.0000754	.0012294	.0019427
Stddev	.000039	.000083	.0059536	.000257	.0001277	.0006734	.0068142
%RSD	1090.737	340.7182	37.65089	52.89689	169.3989	54.77952	350.7641

#1	.000029	.000060	.0115029	-.000288	-.000054	.0018256	-.002503
#2	-.000046	-.000106	.0133289	-.000393	.000079	.0013636	.009788
#3	.000007	-.000027	.0226058	-.000776	.000201	.0004989	-.001456

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005558	-.001674	.0001605	.0001094	-.047964	-.000130	.0018973
Stddev	.0001054	.006137	.0000354	.0004009	.053756	.001844	.0022351
%RSD	18.96790	366.4978	22.07167	366.3350	112.0751	1419.168	117.8057

#1	.0006707	.005133	.0001730	-.000224	-.086545	.001372	-.000349
#2	.0005330	-.006783	.0001205	.000554	-.070784	-.002188	.001920
#3	.0004636	-.003374	.0001880	-.000002	.013437	.000426	.004121

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2551059	-.000139	-.004044	.0002009	.0100493	-.000226	.0009342
Stddev	.0161750	.000178	.000062	.0000845	.0043638	.000711	.0005096
%RSD	6.340522	128.5199	1.532618	42.04215	43.42393	314.8568	54.54217

#1	.2447248	-.000342	-.004094	.0001862	.0147489	.000370	.0003459
#2	.2737428	-.000014	-.004063	.0002918	.0061253	-.000034	.0012318
#3	.2468500	-.000060	-.003975	.0001248	.0092737	-.001013	.0012250

Sample Name: PB101551BL Acquired: 8/15/2017 14:24:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) 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	.0005078	.0001509	.0000843
Stddev	.0006870	.0000435	.0000028
%RSD	135.2805	28.85942	3.331634

#1	.0010418	.0001069	.0000872
#2	.0007489	.0001517	.0000816
#3	-.000267	.0001940	.0000840

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1065.168	1902.978	38854.16	8735.494	3305.344
Stddev	1.280	24.241	93.38	29.050	39.113
%RSD	.1201398	1.273826	.2403312	.3325496	1.183331

#1	1064.490	1875.267	38747.12	8709.965	3260.286
#2	1064.370	1920.247	38896.40	8729.415	3330.543
#3	1066.644	1913.421	38918.95	8767.103	3325.204

Sample Name: PB101551BS Acquired: 8/15/2017 14:29:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) 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	.0249311	.0576962	.0196920	.0740833	.1197801	.4027660
Stddev	.0028650	.0015180	.0001038	.0031408	.0007642	.0044998
%RSD	11.49170	2.630943	.5270210	4.239495	.6380151	1.117229

#1	.0281878	.0584848	.0198109	.0770374	.1201982	.4023557
#2	.0238065	.0586576	.0196192	.0707844	.1202440	.4074570
#3	.0227990	.0559463	.0196460	.0744281	.1188980	.3984855

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3635109	.0126813	.0106687	10.53908	.0230879	.0946270
Stddev	.0003479	.0001189	.0000533	.02747	.0002417	.0004518
%RSD	.0956970	.9379286	.4999183	.2606780	1.047019	.4774066

#1	.3635953	.0126409	.0107264	10.53960	.0231914	.0950692
#2	.3631286	.0125878	.0106585	10.56629	.0232607	.0941662
#3	.3638088	.0128152	.0106212	10.51135	.0228117	.0946456

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0537454	.2459049	.0348017	10.45890	.0775214	.0215740
Stddev	.0011503	.0054367	.0002635	.04829	.0002614	.0002635
%RSD	2.140318	2.210902	.7570705	.4617559	.3372010	1.221467

#1	.0532248	.2446865	.0346441	10.48156	.0778051	.0218571
#2	.0550640	.2518474	.0351059	10.49170	.0774687	.0213358
#3	.0529474	.2411807	.0346551	10.40345	.0772904	.0215290

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.17150	.1076071	.1172313	9.157186	F .0028694	F .0217647
Stddev	.05142	.0007564	.0022924	.040611	.0001001	.0002188
%RSD	.5055422	.7029321	1.955427	.4434917	3.488360	1.005361

#1	10.11553	.1067469	.1196913	9.117874	.0027545	.0218007
#2	10.18231	.1081685	.1151550	9.198982	.0029154	.0219633
#3	10.21665	.1079059	.1168477	9.154702	.0029381	.0215302

Sample Name: PB101551BS Acquired: 8/15/2017 14:29:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) 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	.0239942	.1722221	.2200544	F .0140498	.2095772	.0120665
Stddev	.0004297	.0030963	.0018150	.0006668	.0009792	.0000157
%RSD	1.790978	1.797865	.8247938	4.746069	.4672327	.1298230

#1	.0235852	.1709289	.2187886	.0148194	.2084550	.0120635
#2	.0239553	.1699819	.2192407	.0136837	.2102578	.0120834
#3	.0244420	.1757553	.2221338	.0136462	.2100190	.0120525

Elem	Sr4077
Units	ppm
Avg	.0376893
Stddev	.0001142
%RSD	.3030923

#1	.0377719
#2	.0375590
#3	.0377371

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1091.132	1915.297	39510.43	9116.086	3245.457
Stddev	4.104	11.420	40.94	5.621	10.039
%RSD	.3760875	.5962602	.1036245	.0616575	.3093246

#1	1095.623	1927.316	39526.62	9122.560	3254.310
#2	1090.194	1913.985	39540.80	9113.241	3247.511
#3	1087.578	1904.589	39463.87	9112.457	3234.550

Sample Name: PB101552BL Acquired: 8/15/2017 14:33:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) 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	.0001939	.0001552	-.001895	.0012876	.0011807	.0003786	-.004156
Stddev	.0009241	.0005214	.001480	.0046901	.0010198	.0043387	.000684
%RSD	476.5916	336.0247	78.10078	364.2509	86.37304	1146.145	16.45837

#1	-.000207	.0007490	-.001900	-.002890	.0005788	.0052169	-.004394
#2	-.000462	-.000228	-.000413	.006361	.0006051	-.003166	-.004689
#3	.001251	-.000056	-.003373	.000392	.0023582	-.000915	-.003385

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000386	-.000009	.0160018	-.000510	.0001377	.0008374	-.001605
Stddev	.0000328	.000112	.0019937	.000503	.0001888	.0006026	.002921
%RSD	84.94508	1311.152	12.45928	98.69748	137.1296	71.95566	181.9717

#1	.0000111	-.000042	.0165215	-.000245	-.000077	.0010189	-.001102
#2	.0000298	-.000100	.0137997	-.000195	.000277	.0001650	.001031
#3	.0000748	.000116	.0176842	-.001090	.000213	.0013284	-.004745

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002696	-.005974	.0000048	-.000043	-.077294	-.002347	.0002160
Stddev	.0001895	.018376	.0000370	.000094	.053002	.000494	.0009637
%RSD	70.26845	307.6127	779.2701	216.2115	68.57117	21.04880	446.0670

#1	.0004357	-.026970	.0000390	-.000011	-.078141	-.002539	-.000861
#2	.0000633	.001870	-.000034	-.000149	-.129867	-.002716	.000998
#3	.0003099	.007179	.000010	.000030	-.023874	-.001786	.000511

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2347137	-.000280	-.003930	.0000451	.0063682	.0002390	-.000036
Stddev	.0117253	.000244	.000210	.0001039	.0013893	.0001225	.000538
%RSD	4.995566	87.15965	5.332291	230.1610	21.81609	51.27431	1482.776

#1	.2481391	.000001	-.003710	-.000054	.0065076	.0002986	-.000168
#2	.2264844	-.000408	-.003951	.000153	.0076825	.0000980	-.000496
#3	.2295176	-.000433	-.004128	.000037	.0049145	.0003203	.000555

Sample Name: PB101552BL Acquired: 8/15/2017 14:33:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) 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	.0003667	.0001471	.0000864
Stddev	.0007996	.0000173	.0000042
%RSD	218.0554	11.75777	4.812895

#1	-.000149	.0001464	.0000817
#2	.001288	.0001301	.0000896
#3	-.000039	.0001647	.0000878

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1067.780	1903.566	38916.72	8742.871	3311.443
Stddev	17.671	35.553	441.58	49.070	69.298
%RSD	1.654929	1.867681	1.134690	.5612584	2.092669

#1	1047.441	1890.558	38406.82	8691.692	3285.856
#2	1076.532	1876.350	39173.45	8747.405	3258.578
#3	1079.367	1943.791	39169.87	8789.517	3389.896

Sample Name: PB101552BS Acquired: 8/15/2017 14:37:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) 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	.0227864	.0569875	.0195473	.0751476	.1197985	.4036929
Stddev	.0053496	.0021302	.0011569	.0019887	.0011477	.0067494
%RSD	23.47707	3.738068	5.918430	2.646403	.9579996	1.671927

#1	.0289502	.0559042	.0203238	.0731818	.1190341	.4061403
#2	.0200567	.0556166	.0182177	.0751025	.1192433	.3960612
#3	.0193524	.0594417	.0201005	.0771584	.1211182	.4088772

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3642567	.0126448	.0107147	10.47919	.0227288	.0951498
Stddev	.0052219	.0001872	.0001644	.19169	.0005767	.0005815
%RSD	1.433587	1.480591	1.534277	1.829275	2.537479	.6111657

#1	.3665548	.0127271	.0107442	10.47715	.0222372	.0946258
#2	.3582799	.0124306	.0105376	10.28853	.0233637	.0950481
#3	.3679355	.0127768	.0108624	10.67190	.0225856	.0957754

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0532885	.2380310	.0350181	10.34194	.0772646	.0213926
Stddev	.0018645	.0088526	.0010007	.13160	.0001366	.0002337
%RSD	3.498852	3.719091	2.857573	1.272514	.1767626	1.092343

#1	.0540657	.2477773	.0351631	10.33424	.0771211	.0215248
#2	.0511611	.2304884	.0339529	10.21436	.0772797	.0215302
#3	.0546386	.2358274	.0359384	10.47723	.0773930	.0211228

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.23737	.1096245	.1157822	9.110287	F .0027966	F .0213280
Stddev	.12009	.0023680	.0011502	.149460	.0000072	.0003632
%RSD	1.173037	2.160139	.9934332	1.640564	.2573162	1.702883

#1	10.31013	.1104590	.1144643	9.175613	.0027887	.0209094
#2	10.09876	.1069522	.1165842	8.939284	.0027984	.0215152
#3	10.30321	.1114624	.1162980	9.215963	.0028027	.0215594

Sample Name: PB101552BS Acquired: 8/15/2017 14:37:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) 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	.0238035	.1771633	.2193502	F .0146052	.2095190	.0120028
Stddev	.0001840	.0028866	.0031725	.0009084	.0035663	.0001584
%RSD	.7727892	1.629319	1.446324	6.219690	1.702122	1.320052

#1	.0236517	.1778569	.2199498	.0153649	.2114133	.0119880
#2	.0240081	.1739931	.2159207	.0135990	.2054053	.0118522
#3	.0237507	.1796398	.2221802	.0148519	.2117383	.0121681

Elem	Sr4077
Units	ppm
Avg	.0378007
Stddev	.0005770
%RSD	1.526295

#1	.0380120
#2	.0371479
#3	.0382422

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1094.730	1910.056	39662.76	9131.841	3236.440
Stddev	9.904	16.105	311.51	134.353	21.373
%RSD	.9046870	.8431538	.7853897	1.471262	.6603904

#1	1092.938	1928.213	39661.49	9097.787	3260.821
#2	1085.845	1904.459	39351.88	9279.945	3227.564
#3	1105.408	1897.497	39974.89	9017.792	3220.935

Sample Name: PB101553BL Acquired: 8/15/2017 14:41:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) 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	-.000729	-.000998	-.001859	.0027190	-.000489	-.002715	-.004252
Stddev	.001545	.000588	.001295	.0030967	.000918	.004539	.000545
%RSD	211.8600	58.86576	69.66223	113.8910	187.6324	167.2071	12.82907

#1	-.002513	-.001435	-.000410	.0000588	-.001477	-.001516	-.004858
#2	.000147	-.001230	-.002263	.0019798	.000338	-.007733	-.004097
#3	.000179	-.000330	-.002903	.0061184	-.000329	.001105	-.003801

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000082	-.000055	.0170270	-.000601	.0001371	.0013690	.0019160
Stddev	.000096	.000048	.0063422	.000278	.0002539	.0012554	.0037261
%RSD	117.5306	87.07778	37.24779	46.32852	185.2488	91.70252	194.4678

#1	-.000173	-.000084	.0156600	-.000344	-.000154	.0016815	-.001400
#2	.000018	.000000	.0239413	-.000897	.000314	.0024385	.005948
#3	-.000090	-.000082	.0114799	-.000561	.000251	-.000013	.001200

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001102	-.005636	-.000018	-.000031	-.006969	-.000643	-.000699
Stddev	.0000967	.008362	.000172	.000086	.094439	.000293	.000673
%RSD	87.68355	148.3693	949.0759	278.1444	1355.029	45.56883	96.34234

#1	.0000001	.000438	-.000091	.000035	.098219	-.000830	-.001153
#2	.0001498	-.002173	.000178	.000001	-.084468	-.000305	.000075
#3	.0001808	-.015172	-.000142	-.000129	-.034659	-.000793	-.001019

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2321129	-.000189	-.003623	.0002866	.0063927	.0000797	.0004973
Stddev	.0070106	.000209	.001012	.0002240	.0020747	.0008112	.0008214
%RSD	3.020337	110.5129	27.92990	78.16752	32.45375	1017.415	165.1646

#1	.2242530	-.000296	-.004785	.0004998	.0044737	.0009237	.0007954
#2	.2343652	.000052	-.002931	.0000531	.0061104	-.000694	.0011280
#3	.2377205	-.000324	-.003155	.0003070	.0085941	.000010	-.000431

Sample Name: PB101553BL Acquired: 8/15/2017 14:41:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) 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	.0005869	.0000526	.0000861
Stddev	.0005859	.0000244	.0000011
%RSD	99.83036	46.42168	1.273875

#1	.0002664	.0000509	.0000864
#2	.0012631	.0000290	.0000849
#3	.0002312	.0000778	.0000871

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1060.219	1893.318	38761.69	8689.816	3297.123
Stddev	5.516	16.401	197.32	58.568	19.594
%RSD	.5203039	.8662652	.5090544	.6739862	.5942868

#1	1059.492	1891.265	38575.20	8641.211	3294.523
#2	1055.102	1878.040	38741.58	8673.394	3278.959
#3	1066.062	1910.649	38968.29	8754.842	3317.888

Sample Name: PB101553BS Acquired: 8/15/2017 14:45:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) 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	.0225934	.0588628	.0201025	.0771563	.1215715	.4088397
Stddev	.0012073	.0010118	.0009029	.0004734	.0013049	.0075835
%RSD	5.343492	1.719003	4.491560	.6135375	1.073344	1.854878

#1	.0212751	.0600298	.0210559	.0767866	.1220033	.4139932
#2	.0228599	.0583280	.0192603	.0769925	.1226057	.4001319
#3	.0236451	.0582305	.0199914	.0776899	.1201054	.4123941

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3659274	.0128076	.0106024	10.59192	.0230180	.0952255
Stddev	.0010295	.0000330	.0000478	.04417	.0002908	.0000411
%RSD	.2813301	.2577074	.4512254	.4170116	1.263497	.0431267

#1	.3651277	.0127717	.0106458	10.63076	.0233090	.0952679
#2	.3655655	.0128144	.0106104	10.60114	.0227273	.0952227
#3	.3670889	.0128367	.0105511	10.54387	.0230177	.0951859

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0546957	.2419629	.0348883	10.50671	.0771631	.0216205
Stddev	.0000924	.0064647	.0002398	.07232	.0004965	.0004999
%RSD	.1688883	2.671771	.6873707	.6883073	.6434879	2.312297

#1	.0546029	.2492350	.0346148	10.52334	.0777334	.0213183
#2	.0546967	.2397860	.0350626	10.56926	.0768267	.0221975
#3	.0547876	.2368676	.0349875	10.42752	.0769292	.0213456

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.28883	.1109381	.1186307	9.209814	F .0028596	F .0211064
Stddev	.09234	.0012787	.0009355	.012840	.0003890	.0009393
%RSD	.8974498	1.152660	.7886022	.1394111	13.60348	4.450311

#1	10.19749	.1116185	.1189882	9.218517	.0028632	.0218411
#2	10.28688	.1117328	.1193347	9.195068	.0024688	.0214301
#3	10.38213	.1094630	.1175691	9.215856	.0032467	.0200481

Sample Name: PB101553BS Acquired: 8/15/2017 14:45:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) 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	.0240030	.1722671	.2217118	F .0128730	.2115087	.0121397
Stddev	.0003836	.0030537	.0010407	.0001988	.0005928	.0001204
%RSD	1.598145	1.772680	.4693932	1.544132	.2802782	.9917083

#1	.0244399	.1743146	.2229115	.0128585	.2118010	.0120173
#2	.0237213	.1687572	.2210523	.0130787	.2108265	.0121440
#3	.0238478	.1737296	.2211715	.0126819	.2118985	.0122580

Elem	Sr4077
Units	ppm
Avg	.0378610
Stddev	.0000407
%RSD	.1074364

#1	.0378765
#2	.0378916
#3	.0378148

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1095.350	1907.452	39475.99	9113.558	3236.623
Stddev	5.172	11.434	93.10	11.408	10.473
%RSD	.4721710	.5994489	.2358284	.1251785	.3235666

#1	1096.060	1920.517	39445.29	9114.663	3246.946
#2	1089.860	1902.570	39402.13	9101.638	3236.916
#3	1100.131	1899.270	39580.56	9124.374	3226.007

Sample Name: I4775-13 Acquired: 8/15/2017 14:53:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGM0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0447278	-.007339	.7518715	-.006260	.0026460	54.01015
Stddev	.0030814	.004013	.0033244	.002412	.0003987	.09144
%RSD	6.889252	54.68302	.4421461	38.52242	15.06630	.1693072

#1	.0476788	-.002809	.7555585	-.003981	.0030368	53.90462
#2	.0415307	-.008760	.7509534	-.008785	.0026612	54.06587
#3	.0449738	-.010449	.7491027	-.006014	.0022400	54.05997

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.451193	.0058295	.0428994	F 1259.971	.5371685	.0597966
Stddev	.003525	.0001042	.0001646	5.019	.0049865	.0004038
%RSD	.2429368	1.787024	.3837615	.3983623	.9282946	.6752708

#1	1.447274	.0057403	.0429650	1254.707	.5329760	.0599533
#2	1.452198	.0058042	.0427121	1264.703	.5358468	.0593379
#3	1.454106	.0059440	.0430212	1260.505	.5426827	.0600985

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3116370	170.7027	9.377435	115.2975	.1446743	.0014412
Stddev	.0003757	.2470	.010267	.2803	.0007550	.0003565
%RSD	.1205607	.1447009	.1094846	.2431048	.5218807	24.73661

#1	.3112111	170.5116	9.372249	115.3207	.1455443	.0018351
#2	.3119215	170.9816	9.389260	115.5655	.1441905	.0011407
#3	.3117785	170.6148	9.370795	115.0064	.1442881	.0013477

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.968662	.6793012	3.493373	12.90454	1.638774	-.390620
Stddev	.082567	.0043176	.027612	.03834	.011766	.003625
%RSD	4.194088	.6355992	.7904112	.2970754	.7179795	.9279479

#1	2.057769	.6760810	3.498290	12.86148	1.650857	-.394739
#2	1.953474	.6776152	3.518196	12.93497	1.638113	-.389207
#3	1.894744	.6842075	3.463633	12.91717	1.627353	-.387915

Sample Name: I4775-13 Acquired: 8/15/2017 14:53:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGM0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052338	6.059919	3.633731	.0094006	1.139441	.0109123
Stddev	.0002796	.038896	.064369	.0010739	.007169	.0001092
%RSD	5.343174	.6418645	1.771438	11.42412	.6291901	1.000314

#1	.0052509	6.104786	3.562067	.0106392	1.135755	.0108096
#2	.0055045	6.039259	3.652488	.0087297	1.147704	.0109003
#3	.0049460	6.035712	3.686638	.0088328	1.134865	.0110270

Elem	Sr4077
Units	ppm
Avg	.2438737
Stddev	.0005610
%RSD	.2300430

#1	.2432342
#2	.2441040
#3	.2442829

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	965.3446	1715.408	35997.23	9079.555	2171.435
Stddev	7.0943	8.696	21.95	31.501	9.881
%RSD	.7348957	.5069553	.0609792	.3469424	.4550598

#1	962.5100	1710.175	36019.59	9055.367	2161.632
#2	960.1059	1710.602	35975.71	9068.122	2171.281
#3	973.4179	1725.447	35996.39	9115.176	2181.393

Sample Name: I4775-14 Acquired: 8/15/2017 14:57:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGM0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0409267	-.007034	.7521864	-.008231	.0034709	54.21968
Stddev	.0040728	.003668	.0086672	.001518	.0004352	.06065
%RSD	9.951411	52.15113	1.152265	18.44394	12.53739	.1118576

#1	.0375460	-.008550	.7450056	-.006639	.0036321	54.15191
#2	.0454483	-.009701	.7497397	-.008393	.0038025	54.26886
#3	.0397858	-.002851	.7618140	-.009662	.0029781	54.23825

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.455272	.0058308	.0425496	F 1270.608	.5404835	.0594764
Stddev	.001380	.0000657	.0005825	2.751	.0019853	.0006289
%RSD	.0948268	1.126478	1.369082	.2165053	.3673238	1.057373

#1	1.454214	.0057597	.0420754	1268.303	.5402872	.0595576
#2	1.454768	.0058893	.0423735	1273.654	.5425597	.0588108
#3	1.456833	.0058434	.0431999	1269.868	.5386036	.0600607

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3134541	171.1255	9.400085	115.4154	.1446872	.0012022
Stddev	.0007697	.1902	.033391	.1598	.0016078	.0001140
%RSD	.2455547	.1111562	.3552221	.1384987	1.111220	9.480947

#1	.3125706	170.9060	9.364894	115.3705	.1439570	.0010781
#2	.3139795	171.2428	9.404036	115.2829	.1435741	.0013021
#3	.3138122	171.2277	9.431325	115.5930	.1465305	.0012265

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.889604	.6793769	3.455430	12.94364	1.629856	-.392814
Stddev	.030582	.0057554	.024844	.02449	.015211	.003097
%RSD	1.618438	.8471533	.7189731	.1892124	.9332676	.7884769

#1	1.898408	.6759523	3.458337	12.92438	1.620355	-.389470
#2	1.855586	.6761569	3.429261	12.97120	1.621813	-.393389
#3	1.914819	.6860216	3.478693	12.93533	1.647400	-.395584

Sample Name: I4775-14 Acquired: 8/15/2017 14:57:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGM0D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056977	6.043703	3.606675	.0092683	1.145834	.0108929
Stddev	.0002095	.052627	.021378	.0018517	.006201	.0000552
%RSD	3.676541	.8707680	.5927251	19.97836	.5411839	.5071250

#1	.0054809	6.016499	3.626582	.0113897	1.140762	.0109236
#2	.0058991	6.010246	3.584081	.0084390	1.143992	.0109259
#3	.0057131	6.104363	3.609361	.0079763	1.152747	.0108291

Elem	Sr4077
Units	ppm
Avg	.2446921
Stddev	.0004554
%RSD	.1861237

#1	.2441699
#2	.2450069
#3	.2448995

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	978.7473	1727.885	36216.92	9034.149	2185.318
Stddev	6.7859	17.571	128.10	10.836	24.430
%RSD	.6933248	1.016925	.3537003	.1199441	1.117924

#1	971.4614	1737.385	36090.59	9034.686	2197.474
#2	984.8872	1738.661	36213.43	9023.054	2201.287
#3	979.8934	1707.609	36346.72	9044.706	2157.195

Sample Name: I4775-15 Acquired: 8/15/2017 15:01:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGM0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1216220	.1126893	.8457766	.0852660	.0847678	64.35906
Stddev	.0032641	.0051286	.0036936	.0034877	.0027347	.27230
%RSD	2.683793	4.551081	.4367141	4.090399	3.226080	.4230974

#1	.1197440	.1124591	.8419422	.0812428	.0848913	64.61419
#2	.1197309	.1179291	.8460765	.0871221	.0874386	64.07234
#3	.1253910	.1076797	.8493112	.0874333	.0819735	64.39067

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.362504	.1046851	.1421745	F 1061.126	.5571494	1.091344
Stddev	.024009	.0012398	.0005041	10.115	.0028917	.002861
%RSD	.4477109	1.184348	.3545938	.9532658	.5190099	.2621515

#1	5.382699	.1059662	.1419779	1072.567	.5580010	1.089731
#2	5.335958	.1045980	.1417982	1057.441	.5595197	1.089654
#3	5.368854	.1034911	.1427473	1053.369	.5539276	1.094647

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7421293	135.8100	6.798040	109.0786	1.145583	.0453662
Stddev	.0043626	.8899	.033492	.6189	.003309	.0004364
%RSD	.5878528	.6552285	.4926677	.5674176	.2888238	.9620097

#1	.7436668	136.8273	6.836701	109.7351	1.145096	.0453432
#2	.7372061	135.1761	6.779507	108.5058	1.142545	.0458137
#3	.7455150	135.4266	6.777910	108.9950	1.149108	.0449418

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.698781	1.248023	4.519457	14.44923	1.577345	-.313993
Stddev	.030806	.007906	.039817	.07633	.004423	.001999
%RSD	1.813426	.6334531	.8810047	.5282814	.2804332	.6367951

#1	1.726992	1.256623	4.473601	14.51161	1.578232	-.314896
#2	1.665911	1.246375	4.539503	14.36411	1.572545	-.315382
#3	1.703442	1.241071	4.545267	14.47197	1.581258	-.311701

Sample Name: I4775-15 Acquired: 8/15/2017 15:01:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGM0S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052313	4.690624	3.395001	.0203994	.8383149	.0108008
Stddev	.0003636	.029306	.101414	.0030903	.0013335	.0000273
%RSD	6.950143	.6247683	2.987151	15.14873	.1590689	.2526907

#1	.0051312	4.658991	3.511762	.0184520	.8395939	.0107895
#2	.0049283	4.696033	3.344362	.0239626	.8369329	.0107810
#3	.0056344	4.716848	3.328879	.0187837	.8384179	.0108319

Elem	Sr4077
Units	ppm
Avg	.2165627
Stddev	.0008298
%RSD	.3831634

#1	.2172297
#2	.2156335
#3	.2168249

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	999.2661	1774.821	37064.95	9169.585	2265.444
Stddev	5.4107	6.167	63.74	58.441	3.266
%RSD	.5414694	.3474881	.1719645	.6373330	.1441816

#1	1005.504	1767.729	37138.40	9103.634	2263.964
#2	996.450	1777.803	37032.40	9190.185	2269.189
#3	995.844	1778.930	37024.07	9214.936	2263.180

Sample Name: CCV014 Acquired: 8/15/2017 15:06:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV014 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.923400	4.721181	24.18629	4.950122	4.884548	404.4076
Stddev	.018159	.014540	.12407	.008882	.018179	1.7215
%RSD	.3688209	.3079747	.5129724	.1794365	.3721742	.4256786

#1	4.907605	4.735684	24.30282	4.951783	4.881844	404.2683
#2	4.943240	4.721254	24.20021	4.958056	4.903928	406.1945
#3	4.919356	4.706604	24.05585	4.940526	4.867873	402.7600

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.890987	.5032727	2.484877	409.4248	15.01431	2.493496
Stddev	.038741	.0019314	.014905	1.7765	.04206	.011699
%RSD	.3916814	.3837574	.5998241	.4338960	.2801141	.4691705

#1	9.895921	.5054934	2.499953	411.4644	15.02693	2.506216
#2	9.927024	.5023389	2.484528	408.5951	14.96738	2.491074
#3	9.850015	.5019856	2.470150	408.2150	15.04861	2.483197

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.96816	407.9654	14.88583	410.4717	2.377904	1.305452
Stddev	.00838	1.4386	.05847	.9610	.011216	.002694
%RSD	.0559572	.3526197	.3927752	.2341306	.4716743	.2064018

#1	14.97769	409.5991	14.95298	411.4803	2.388859	1.302406
#2	14.96483	406.8884	14.84616	410.3684	2.378411	1.307523
#3	14.96196	407.4087	14.85836	409.5665	2.366444	1.306428

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	407.4378	2.471715	14.29130	150.8364	F 6.277352	F 4.242602
Stddev	.5380	.008997	.04698	.2489	.021795	.015658
%RSD	.1320504	.3640116	.3287081	.1650123	.3471955	.3690731

#1	408.0588	2.480636	14.27482	151.0340	6.294698	4.260285
#2	407.1131	2.471868	14.34430	150.9182	6.284469	4.230494
#3	407.1414	2.462643	14.25478	150.5568	6.252888	4.237026

Sample Name: CCV014 Acquired: 8/15/2017 15:06:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV014 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.852674	5.215164	4.874350	4.871573	4.933625	6.071952
Stddev	.008924	.032617	.009185	.019265	.012074	.020019
%RSD	.1838991	.6254203	.1884328	.3954563	.2447217	.3297025

#1	4.851046	5.236799	4.884953	4.892358	4.947440	6.084814
#2	4.862300	5.231045	4.868815	4.868047	4.928343	6.048886
#3	4.844676	5.177649	4.869283	4.854315	4.925093	6.082154

Elem	Sr4077
Units	ppm
Avg	7.039799
Stddev	.052584
%RSD	.7469521

#1	7.076160
#2	6.979506
#3	7.063731

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	845.2215	1534.815	32368.69	8154.604	2068.982
Stddev	5.4574	3.381	66.15	41.661	7.512
%RSD	.6456799	.2202799	.2043589	.5108942	.3630950

#1	844.8579	1535.949	32365.41	8110.409	2061.296
#2	839.9550	1531.014	32304.23	8160.247	2069.342
#3	850.8517	1537.484	32436.41	8193.157	2076.308

Sample Name: CCB014 Acquired: 8/15/2017 15:10:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB014 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005959	-.000334	-.002072	.0030148	-.000639	.0023885	-.003165
Stddev	.0021643	.000827	.001117	.0033262	.000839	.0017182	.000624
%RSD	363.1680	247.8819	53.90195	110.3276	131.1433	71.93767	19.70741

#1	-.000089	-.000847	-.003361	.0067545	-.000905	.0043674	-.003641
#2	.003020	-.000775	-.001405	.0003868	.000300	.0012747	-.002459
#3	-.001143	.000621	-.001449	.0019033	-.001313	.0015235	-.003395

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000027	-.000057	.0181592	-.000480	-.000018	.0013884	.0040018
Stddev	.000034	.000050	.0041611	.000221	.000125	.0003141	.0015348
%RSD	126.6707	87.25238	22.91423	46.18109	705.8902	22.61975	38.35377

#1	-.000048	-.000113	.0217739	-.000242	.000053	.0011413	.0041934
#2	-.000045	-.000017	.0190933	-.000681	.000056	.0017418	.0054318
#3	.000012	-.000041	.0136106	-.000515	-.000162	.0012822	.0023802

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003661	-.001338	-.000165	.0000819	-.000975	-.001112	.0015652
Stddev	.0002207	.002276	.000275	.0000593	.096446	.001280	.0004885
%RSD	60.29748	170.0477	166.5350	72.37449	9896.581	115.1486	31.21060

#1	.0002482	.001159	.000149	.0001196	.104477	.000127	.0020297
#2	.0006207	-.001879	-.000365	.0001126	-.022686	-.001033	.0016102
#3	.0002293	-.003295	-.000280	.0000136	-.084714	-.002429	.0010558

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2556846	-.000434	.0035633	.0007546	.0019344	-.000059	.0003619
Stddev	.0445963	.000100	.0009853	.0001981	.0012346	.000195	.0007854
%RSD	17.44191	23.04801	27.65029	26.24953	63.82675	332.3896	217.0337

#1	.2961000	-.000549	.0043042	.0009668	.0025936	-.000271	.0007151
#2	.2078404	-.000370	.0039404	.0007226	.0005100	.000113	-.000538
#3	.2631134	-.000382	.0024452	.0005745	.0026994	-.000018	.000909

Sample Name: CCB014 Acquired: 8/15/2017 15:10:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB014 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008793	.0007342	.0001582
Stddev	.0002684	.0000531	.0000128
%RSD	30.52167	7.233900	8.091178

#1	.0006272	.0007921	.0001729
#2	.0011615	.0006878	.0001497
#3	.0008494	.0007228	.0001520

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1076.204	1927.260	39159.63	8893.324	3354.131
Stddev	4.224	68.877	70.12	154.741	128.240
%RSD	.3924718	3.573828	.1790508	1.739964	3.823342

#1	1076.238	1860.519	39088.45	8785.896	3231.322
#2	1071.963	1998.090	39161.80	9070.687	3487.187
#3	1080.410	1923.170	39228.63	8823.389	3343.883

Sample Name: I4775-13LX5 Acquired: 8/15/2017 15:14:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGM0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114005	.0003378	.1519016	.0012527	.0002400	11.11195	.3050085
Stddev	.0011129	.0010322	.0009177	.0020703	.0007326	.01296	.0008199
%RSD	9.761935	305.5923	.6041289	165.2658	305.2994	.1166206	.2688016

#1	.0109378	.0011103	.1523204	.0025822	.0010375	11.10084	.3053942
#2	.0126701	-.000835	.1525351	.0023087	.0000854	11.12619	.3055644
#3	.0105936	.000738	.1508492	-.001133	-.000403	11.10883	.3040669

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012577	.0080538	279.3193	.1244403	.0104522	.0667141	38.43193
Stddev	.0000640	.0001142	.5320	.0005971	.0004494	.0006960	.04349
%RSD	5.092223	1.417822	.1904478	.4798084	4.299255	1.043324	.1131730

#1	.0012728	.0079420	279.3881	.1250935	.0104424	.0671793	38.39176
#2	.0011875	.0080490	279.8136	.1239227	.0109064	.0670491	38.47812
#3	.0013129	.0081703	278.7563	.1243048	.0100078	.0659139	38.42591

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.108922	24.52619	.0287878	.0006544	.3659501	.1461801	.7382202
Stddev	.002734	.10359	.0002607	.0001181	.0449039	.0032247	.0043772
%RSD	.1296522	.4223725	.9056441	18.04397	12.27050	2.205973	.5929409

#1	2.110814	24.40663	.0290339	.0006206	.3877756	.1498978	.7363806
#2	2.110165	24.58920	.0288151	.0007857	.3143053	.1445028	.7350630
#3	2.105787	24.58274	.0285146	.0005569	.3957694	.1441398	.7432170

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.888289	.2911987	-.081935	.0009851	1.088160	.8024648	-.002538
Stddev	.029115	.0004235	.001085	.0001404	.008984	.0051665	.000376
%RSD	1.008032	.1454462	1.324465	14.24929	.8256220	.6438324	14.80622

#1	2.866016	.2913800	-.081327	.0009691	1.086249	.8083695	-.002866
#2	2.877616	.2915014	-.083188	.0008535	1.080285	.7987751	-.002128
#3	2.921234	.2907147	-.081290	.0011329	1.097946	.8002498	-.002621

Sample Name: I4775-13LX5 Acquired: 8/15/2017 15:14:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METGM0L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2460422	.0026580	.0523704
Stddev	.0018431	.0000176	.0000850
%RSD	.7490868	.6631944	.1623263

#1	.2439150	.0026551	.0523119
#2	.2471626	.0026421	.0523314
#3	.2470489	.0026769	.0524679

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1008.141	1801.074	36886.16	8788.147	2737.887
Stddev	5.841	13.763	34.37	10.247	16.522
%RSD	.5794231	.7641405	.0931702	.1165996	.6034696

#1	1008.116	1797.600	36887.98	8780.605	2726.827
#2	1013.995	1789.381	36919.58	8784.023	2729.956
#3	1002.312	1816.241	36850.92	8799.814	2756.880

Sample Name: I4776-13 Acquired: 8/15/2017 15:35:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGP0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0639225	-.015418	.3786661	-.001264	.0025014	79.63697	1.759613
Stddev	.0053013	.001987	.0033048	.006296	.0014703	.79864	.017181
%RSD	8.293274	12.88491	.8727508	498.0987	58.78044	1.002851	.9764343

#1	.0663031	-.016762	.3750072	.005097	.0009892	79.40243	1.758064
#2	.0578482	-.013136	.3795569	-.007492	.0025889	78.98186	1.743259
#3	.0676161	-.016357	.3814342	-.001397	.0039259	80.52662	1.777517

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069321	.0636238	121.9277	.1104955	.0849967	.2548551	147.4614
Stddev	.0001446	.0004926	1.3313	.0004004	.0005036	.0016905	1.3192
%RSD	2.086555	.7743103	1.091873	.3623621	.5925149	.6633348	.8945987

#1	.0070968	.0632342	121.0629	.1101328	.0845415	.2546487	146.6578
#2	.0068259	.0634597	121.2593	.1104287	.0849110	.2532772	146.7425
#3	.0068735	.0641776	123.4607	.1109251	.0855377	.2566394	148.9839

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.454702	43.78953	.1968830	.0017377	1.212152	.2204753	2.671348
Stddev	.051443	.36833	.0014188	.0003628	.073009	.0032544	.004784
%RSD	.9430949	.8411452	.7206379	20.87971	6.023055	1.476096	.1790667

#1	5.424079	43.77067	.1960713	.0013192	1.274861	.2178475	2.665886
#2	5.425933	43.43099	.1960564	.0019643	1.229593	.2194628	2.674788
#3	5.514094	44.16693	.1985213	.0019297	1.132003	.2241156	2.673371

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.56271	.9495097	-.348747	.0011504	2.412597	2.751159	.0090784
Stddev	.21029	.0036047	.003353	.0001656	.002511	.038339	.0008666
%RSD	1.132873	.3796387	.9614195	14.39252	.1040992	1.393545	9.545572

#1	18.52164	.9492332	-.348822	.0011481	2.413827	2.724145	.0081295
#2	18.37598	.9460511	-.345358	.0013171	2.414255	2.734293	.0092777
#3	18.79051	.9532446	-.352063	.0009859	2.409707	2.795040	.0098279

Sample Name: I4776-13 Acquired: 8/15/2017 15:35:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METGP0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5697720	.0103155	.0515514
Stddev	.0037244	.0001178	.0004769
%RSD	.6536677	1.142316	.9250914

#1	.5685556	.0102863	.0514532
#2	.5668078	.0102150	.0511312
#3	.5739525	.0104452	.0520697

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1110.530	1990.797	41449.54	9912.723	2686.150
Stddev	4.191	8.588	149.26	65.985	8.459
%RSD	.3773644	.4314044	.3600972	.6656604	.3149229

#1	1109.577	1982.292	41356.65	9916.656	2676.389
#2	1106.898	1990.631	41370.25	9976.654	2691.361
#3	1115.115	1999.467	41621.71	9844.860	2690.700

Sample Name: I4776-14 Acquired: 8/15/2017 15:39:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGP0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0645156	-.013363	.3782063	-.001464	.0004587	79.06894	1.738603
Stddev	.0006169	.000785	.0048120	.002430	.0014590	.04147	.002171
%RSD	.9561867	5.876208	1.272323	165.9296	318.0534	.0524451	.1248574

#1	.0639087	-.012771	.3782776	.001221	.0000502	79.03541	1.737976
#2	.0651420	-.013064	.3829822	-.003511	-.000752	79.05611	1.736814
#3	.0644959	-.014254	.3733590	-.002102	.002078	79.11531	1.741018

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069795	.0637000	121.4836	.1098376	.0848441	.2551682	146.9389
Stddev	.0000541	.0005714	.1753	.0012081	.0012050	.0005961	.0895
%RSD	.7745555	.8969464	.1442590	1.099887	1.420225	.2336118	.0609326

#1	.0070407	.0635206	121.2874	.1088574	.0844920	.2558490	146.9046
#2	.0069384	.0643396	121.5386	.1111873	.0861858	.2549152	146.8717
#3	.0069594	.0632399	121.6247	.1094680	.0838543	.2547403	147.0406

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.455895	43.63873	.1975099	.0018682	1.225396	.2207071	2.667913
Stddev	.007775	.09685	.0030646	.0002148	.065309	.0026030	.037079
%RSD	.1425096	.2219252	1.551594	11.49753	5.329595	1.179381	1.389805

#1	5.462361	43.53113	.1957493	.0018457	1.213383	.2218339	2.685646
#2	5.447268	43.71892	.2010485	.0016656	1.166928	.2225569	2.625298
#3	5.458056	43.66612	.1957318	.0020934	1.295877	.2177306	2.692796

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.36000	.9516468	-.346813	.0010466	2.414726	2.745597	.0105773
Stddev	.04452	.0127601	.001081	.0004215	.030172	.015821	.0019291
%RSD	.2424980	1.340840	.3116042	40.27164	1.249502	.5762169	18.23800

#1	18.34382	.9449212	-.345571	.0008338	2.407268	2.748240	.0083996
#2	18.32583	.9663628	-.347324	.0015320	2.447928	2.759930	.0120721
#3	18.41035	.9436565	-.347543	.0007739	2.388983	2.728621	.0112601

Sample Name: I4776-14 Acquired: 8/15/2017 15:39:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METGP0D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5646739	.0101661	.0509397
Stddev	.0013801	.0000525	.0000444
%RSD	.2444028	.5163915	.0870640

#1	.5661902	.0101262	.0508953
#2	.5643403	.0101465	.0509398
#3	.5634911	.0102255	.0509840

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1126.740	2008.017	41891.56	10041.90	2704.687
Stddev	14.636	17.338	135.92	15.67	32.427
%RSD	1.299007	.8634147	.3244480	.1560883	1.198924

#1	1116.097	2009.915	41735.29	10026.56	2711.229
#2	1143.431	1989.808	41957.08	10041.24	2669.488
#3	1120.691	2024.327	41982.30	10057.89	2733.345

Sample Name: I4776-15 Acquired: 8/15/2017 15:43:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGP0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1351679	.1084441	.4174544	.0830250	.0465180	94.56106	5.571479
Stddev	.0044032	.0003882	.0014027	.0040099	.0009101	.16589	.008034
%RSD	3.257605	.3579375	.3360020	4.829701	1.956355	.1754322	.1442070

#1	.1390283	.1080975	.4166193	.0858941	.0473922	94.74009	5.579225
#2	.1361031	.1088635	.4166700	.0784432	.0465858	94.41256	5.563184
#3	.1303721	.1083714	.4190738	.0847377	.0455759	94.53052	5.572027

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0945992	.1569904	86.52766	.5013581	1.093875	.7166026	164.8080
Stddev	.0004847	.0005045	.07731	.0045093	.003051	.0010266	.0197
%RSD	.5124237	.3213775	.0893494	.8994141	.2789312	.1432642	.0119811

#1	.0944082	.1568243	86.43994	.5015728	1.095879	.7177592	164.8197
#2	.0951504	.1565898	86.58585	.5057563	1.090363	.7162491	164.8191
#3	.0942390	.1575570	86.55719	.4967453	1.095382	.7157993	164.7852

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.494203	42.40986	1.175491	.0401092	1.388162	1.170906	3.542013
Stddev	.004556	.18733	.004172	.0004129	.058318	.002576	.031464
%RSD	.0829243	.4417246	.3549470	1.029542	4.201110	.2200157	.8883038

#1	5.489650	42.57473	1.180054	.0400587	1.340850	1.169449	3.535753
#2	5.498762	42.44870	1.174548	.0405450	1.370320	1.169388	3.576136
#3	5.494198	42.20615	1.171871	.0397237	1.453318	1.173880	3.514149

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.34300	.9651583	-.384253	.0005085	2.389655	3.463244	.0117945
Stddev	.01357	.0044383	.004457	.0003971	.012340	.053424	.0021624
%RSD	.0667092	.4598539	1.159818	78.08455	.5163994	1.542603	18.33385

#1	20.32924	.9655795	-.388864	.0001267	2.387733	3.469610	.0140561
#2	20.35637	.9605243	-.383924	.0004796	2.378389	3.406922	.0097473
#3	20.34340	.9693709	-.379969	.0009192	2.402844	3.513199	.0115802

Sample Name: I4776-15 Acquired: 8/15/2017 15:43:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGP0S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6591238	.0111500	.0465198
Stddev	.0022848	.0000468	.0001546
%RSD	.3466375	.4201137	.3324144

#1	.6615798	.0111404	.0466901
#2	.6570615	.0112009	.0464813
#3	.6587302	.0111086	.0463881

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1147.242	2024.426	42747.01	10152.18	2727.222
Stddev	11.405	5.469	449.71	56.47	8.596
%RSD	.9941085	.2701679	1.052016	.5562580	.3152050

#1	1147.583	2019.180	42721.32	10093.68	2717.313
#2	1135.670	2024.006	42310.70	10156.49	2731.679
#3	1158.472	2030.094	43209.01	10206.38	2732.675

Sample Name: I4776-13LX5 Acquired: 8/15/2017 15:47:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGP0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0177305	-.002832	.0774978	.0026945	.0005960	17.21375	.3771163
Stddev	.0021054	.000864	.0009224	.0036666	.0010547	.03885	.0012881
%RSD	11.87435	30.51552	1.190190	136.0751	176.9500	.2257089	.3415524

#1	.0201089	-.003745	.0768486	.0044557	.0008102	17.25594	.3782865
#2	.0169770	-.002723	.0785536	-.001520	-.000549	17.20587	.3773263
#3	.0161056	-.002027	.0770912	.005148	.001527	17.17944	.3757362

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015951	.0123161	27.08387	.0265024	.0160065	.0576576	33.78721
Stddev	.0000566	.0000517	.02510	.0006393	.0002979	.0003208	.04852
%RSD	3.547132	.4193806	.0926637	2.412291	1.860850	.5563061	.1436087

#1	.0016574	.0123749	27.10081	.0261705	.0162196	.0580010	33.77245
#2	.0015470	.0122779	27.09576	.0272394	.0156662	.0573658	33.74778
#3	.0015808	.0122956	27.05504	.0260973	.0161337	.0576059	33.84139

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.251535	9.753617	.0395112	.0004172	.2725694	.0479821	.5901326
Stddev	.000996	.047737	.0002935	.0002011	.0400238	.0011315	.0101639
%RSD	.0795899	.4894299	.7429226	48.20305	14.68390	2.358185	1.722315

#1	1.252563	9.713504	.0397068	.0005709	.2962076	.0483654	.5860644
#2	1.250574	9.806416	.0396530	.0004911	.2263580	.0488722	.5826329
#3	1.251468	9.740933	.0391736	.0001896	.2951428	.0467088	.6017005

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.225713	.1846418	-.081764	.0004348	.4711800	.6621560	.0034744
Stddev	.022676	.0009106	.001136	.0000376	.0027141	.0202207	.0007923
%RSD	.5366267	.4931850	1.388781	8.657324	.5760232	3.053764	22.80279

#1	4.214783	.1839115	-.083020	.0004665	.4680466	.6488921	.0028394
#2	4.251784	.1856621	-.080810	.0003932	.4726947	.6521467	.0032217
#3	4.210572	.1843517	-.081461	.0004446	.4727988	.6854291	.0043622

Sample Name: I4776-13LX5 Acquired: 8/15/2017 15:47:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METGP0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1257235	.0022939	.0113587
Stddev	.0006098	.0000869	.0000152
%RSD	.4849937	3.786958	.1337844

#1	.1260116	.0022180	.0113576
#2	.1250231	.0023886	.0113744
#3	.1261358	.0022750	.0113441

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1082.434	1937.668	39385.83	9136.831	3086.414
Stddev	7.136	1.227	225.46	31.063	9.001
%RSD	.6592672	.0633294	.5724357	.3399792	.2916442

#1	1089.062	1936.992	39503.76	9100.984	3077.022
#2	1083.361	1939.085	39527.86	9153.664	3087.253
#3	1074.880	1936.928	39125.86	9155.844	3094.966

Sample Name: I4777-16 Acquired: 8/15/2017 15:51:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGR3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0576923	-.012978	.2183240	-.002038	.0021294	88.22922	1.941933
Stddev	.0013141	.001859	.0039611	.003190	.0015800	.50892	.010279
%RSD	2.277808	14.32616	1.814332	156.5501	74.20011	.5768116	.5293345

#1	.0565985	-.013924	.2222618	-.000176	.0038168	88.81042	1.953575
#2	.0573285	-.014175	.2183702	-.005722	.0018866	87.86345	1.934111
#3	.0591501	-.010836	.2143400	-.000216	.0006848	88.01379	1.938112

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074451	.0124779	52.54829	.1177964	.0915465	.1952741	160.9317
Stddev	.0000476	.0003715	.28670	.0010642	.0010684	.0021767	1.0070
%RSD	.6395191	2.977100	.5456029	.9034163	1.167069	1.114671	.6257124

#1	.0074141	.0127578	52.82707	.1167492	.0923377	.1975893	161.9761
#2	.0074214	.0126194	52.25427	.1188768	.0919707	.1932693	159.9669
#3	.0075000	.0120565	52.56354	.1177630	.0903312	.1949635	160.8521

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.902438	31.21516	.2076789	.0012115	1.474339	.2239879	1.091851
Stddev	.035623	.21329	.0033156	.0001743	.054627	.0023293	.006140
%RSD	.6035252	.6832940	1.596518	14.38287	3.705173	1.039920	.5623672

#1	5.940223	31.40285	.2093229	.0014126	1.528521	.2265056	1.097643
#2	5.869468	30.98321	.2098512	.0011049	1.475220	.2235488	1.092495
#3	5.897622	31.25942	.2038625	.0011170	1.419278	.2219095	1.085414

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.96701	.9044927	-.379619	.0013276	1.266630	6.335301	.0090729
Stddev	.11058	.0098649	.002357	.0001646	.006872	.126308	.0012515
%RSD	.6154672	1.090653	.6209149	12.39978	.5425154	1.993721	13.79365

#1	18.09321	.9114022	-.378303	.0013590	1.272209	6.267985	.0076688
#2	17.92073	.9088807	-.382340	.0011495	1.268727	6.256910	.0094790
#3	17.88709	.8931951	-.378214	.0014742	1.258954	6.481009	.0100709

Sample Name: I4777-16 Acquired: 8/15/2017 15:51:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METGR3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7353201	.0103822	.0490974
Stddev	.0038696	.0000807	.0002698
%RSD	.5262518	.7773022	.5494342

#1	.7359997	.0104716	.0493871
#2	.7388049	.0103602	.0488535
#3	.7311557	.0103147	.0490517

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1178.712	2087.828	42991.87	10212.92	2829.800
Stddev	5.486	24.719	61.27	69.33	30.811
%RSD	.4654042	1.183957	.1425201	.6788906	1.088820

#1	1173.282	2069.467	42932.13	10135.96	2810.860
#2	1178.603	2078.083	43054.56	10270.52	2813.187
#3	1184.251	2115.934	42988.93	10232.27	2865.352

Sample Name: I4777-17 Acquired: 8/15/2017 15:55:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGR3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0550673	-.013716	.2209262	-.003713	.0013432	88.40864	1.942431
Stddev	.0029942	.002250	.0030765	.005238	.0007324	.06029	.003166
%RSD	5.437386	16.40222	1.392562	141.0555	54.52966	.0681999	.1629872

#1	.0527509	-.014263	.2223051	-.003207	.0005725	88.47812	1.940414
#2	.0584484	-.015641	.2230720	.001253	.0014269	88.37769	1.946080
#3	.0540026	-.011243	.2174014	-.009186	.0020301	88.37010	1.940798

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073868	.0123529	52.79643	.1165954	.0927717	.1958363	161.5359
Stddev	.0001289	.0001717	.37296	.0001261	.0001989	.0004792	.8886
%RSD	1.744550	1.390025	.7064170	.1081098	.2143775	.2446844	.5501188

#1	.0075037	.0125142	53.12497	.1166860	.0928560	.1962848	162.3568
#2	.0072486	.0123722	52.39102	.1164514	.0929145	.1953314	160.5923
#3	.0074082	.0121724	52.87329	.1166488	.0925445	.1958928	161.6587

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.946193	31.47585	.2079315	.0010529	1.482877	.2240568	1.103928
Stddev	.033391	.06249	.0013325	.0001147	.131823	.0018171	.005976
%RSD	.5615602	.1985461	.6408518	10.89718	8.889650	.8109791	.5413423

#1	5.974213	31.50795	.2069607	.0010916	1.574267	.2259212	1.098377
#2	5.909245	31.40382	.2094507	.0011433	1.542601	.2239579	1.110254
#3	5.955120	31.51576	.2073831	.0009238	1.331764	.2222911	1.103153

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.04529	.9064457	-.382278	.0009692	1.266830	6.362263	.0097517
Stddev	.09453	.0024207	.001344	.0002686	.011410	.095277	.0013072
%RSD	.5238213	.2670549	.3514696	27.70992	.9007070	1.497529	13.40444

#1	18.04948	.9045989	-.383756	.0008118	1.255046	6.454868	.0105556
#2	18.13765	.9091862	-.381130	.0008164	1.277826	6.367398	.0082434
#3	17.94874	.9055520	-.381949	.0012793	1.267617	6.264522	.0104561

Sample Name: I4777-17 Acquired: 8/15/2017 15:55:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGR3D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7363281	.0103799	.0492035
Stddev	.0051304	.0000487	.0001009
%RSD	.6967514	.4693842	.2050980

#1	.7420275	.0103257	.0492567
#2	.7348779	.0103940	.0492667
#3	.7320790	.0104201	.0490871

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1158.330	2074.432	42692.58	10159.76	2813.967
Stddev	3.402	13.036	59.35	68.14	12.333
%RSD	.2937233	.6284192	.1390078	.6707131	.4382838

#1	1161.728	2059.495	42694.30	10086.70	2799.814
#2	1154.924	2083.516	42632.39	10221.59	2819.681
#3	1158.338	2080.286	42751.04	10171.00	2822.408

Sample Name: I4777-18 Acquired: 8/15/2017 15:59:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGR3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1212663	.1032315	.2594794	.0729557	.0441268	96.17171	5.760730
Stddev	.0044454	.0013839	.0004521	.0021926	.0004553	1.52170	.112966
%RSD	3.665833	1.340586	.1742399	3.005332	1.031772	1.582269	1.960960

#1	.1234860	.1024649	.2599751	.0704420	.0439893	97.53625	5.794282
#2	.1161481	.1048291	.2593732	.0739510	.0446350	94.53075	5.634789
#3	.1241647	.1024006	.2590898	.0744740	.0437562	96.44811	5.853118

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0924294	.1064432	52.37803	.4935041	1.082828	.6376609	168.8148
Stddev	.0011688	.0009109	.56246	.0009665	.005676	.0102915	2.1916
%RSD	1.264553	.8557503	1.073842	.1958503	.5241526	1.613940	1.298224

#1	.0931976	.1073831	52.76899	.4937244	1.088282	.6485276	170.3119
#2	.0910843	.1063819	51.73342	.4924465	1.083247	.6280622	166.2993
#3	.0930064	.1055645	52.63169	.4943415	1.076954	.6363929	169.8333

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.809845	31.89058	1.176639	.0384463	1.536306	1.119292	1.807364
Stddev	.092543	.42050	.007923	.0003051	.040706	.019088	.008299
%RSD	1.184959	1.318579	.6733332	.7935361	2.649590	1.705321	.4591769

#1	7.864141	32.27016	1.183768	.0383930	1.490074	1.135888	1.803312
#2	7.702989	31.43857	1.178040	.0381715	1.552076	1.098433	1.801870
#3	7.862404	31.96300	1.168109	.0387746	1.566766	1.123555	1.816911

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.10386	.9518899	-.397736	.0012189	1.227264	5.155241	.0106593
Stddev	.31452	.0038019	.004546	.0001335	.007109	.065924	.0015737
%RSD	1.646378	.3994064	1.142864	10.95325	.5792513	1.278780	14.76402

#1	19.39232	.9561640	-.401572	.0011403	1.234496	5.192721	.0107719
#2	18.76854	.9506212	-.392716	.0011434	1.227012	5.079121	.0090323
#3	19.15073	.9488846	-.398922	.0013731	1.220285	5.193881	.0121737

Sample Name: I4777-18 Acquired: 8/15/2017 15:59:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METGR3S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6860808	.0107333	.0511812
Stddev	.0132716	.0002092	.0009935
%RSD	1.934404	1.949212	1.941167

#1	.6987980	.0108957	.0520370
#2	.6723169	.0104972	.0500917
#3	.6871277	.0108069	.0514148

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1155.727	2082.078	42722.55	10301.22	2805.405
Stddev	3.133	8.540	107.50	144.07	16.371
%RSD	.2711182	.4101855	.2516326	1.398582	.5835354

#1	1157.098	2072.830	42613.42	10175.58	2787.907
#2	1152.142	2083.735	42828.35	10458.47	2807.961
#3	1157.941	2089.668	42725.88	10269.62	2820.348

Sample Name: I4777-16LX5 Acquired: 8/15/2017 16:03:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGR3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0132680	-.002391	.0424175	.0023869	-.000137	19.51416	.4262941
Stddev	.0007122	.001318	.0006875	.0033049	.001348	.09343	.0018595
%RSD	5.367926	55.12891	1.620819	138.4579	982.2725	.4787828	.4361969

#1	.0137615	-.000981	.0425743	-.000810	.001263	19.58540	.4278846
#2	.0135909	-.002598	.0416651	.005790	-.000249	19.54871	.4267481
#3	.0124515	-.003593	.0430130	.002181	-.001426	19.40838	.4242497

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018503	.0021940	11.92432	.0274416	.0180036	.0452687	37.23665
Stddev	.0000648	.0000676	.06234	.0004414	.0002935	.0010063	.30261
%RSD	3.500834	3.082567	.5228299	1.608620	1.630120	2.222887	.8126795

#1	.0018291	.0022068	11.92347	.0276615	.0177095	.0463555	37.11997
#2	.0019231	.0022543	11.98709	.0269334	.0182965	.0450814	37.58024
#3	.0017989	.0021209	11.86241	.0277299	.0180047	.0443693	37.00976

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.363954	7.086810	.0415109	.0002801	.2432641	.0490803	.2432971
Stddev	.006636	.064915	.0006044	.0001398	.0081224	.0007609	.0062696
%RSD	.4865577	.9160044	1.455998	49.89153	3.338927	1.550291	2.576943

#1	1.366651	7.115876	.0410374	.0002344	.2519703	.0483598	.2361490
#2	1.368817	7.132113	.0413037	.0001690	.2358902	.0498760	.2478643
#3	1.356393	7.012440	.0421917	.0004371	.2419318	.0490050	.2458781

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.115640	.1768171	-.092258	.0004020	.2463779	1.453303	.0026338
Stddev	.042713	.0004740	.001133	.0001858	.0013229	.035349	.0001298
%RSD	1.037833	.2680867	1.227851	46.22502	.5369426	2.432320	4.927652

#1	4.154937	.1765372	-.093565	.0004773	.2477425	1.415557	.0026839
#2	4.070180	.1765497	-.091645	.0001903	.2462903	1.485629	.0024864
#3	4.121802	.1773644	-.091563	.0005384	.2451010	1.458723	.0027310

Sample Name: I4777-16LX5 Acquired: 8/15/2017 16:03:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METGR3L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1647946	.0023210	.0111538
Stddev	.0021430	.0000328	.0000656
%RSD	1.300402	1.413930	.5881279

#1	.1643002	.0023496	.0111662
#2	.1671416	.0022851	.0112123
#3	.1629420	.0023282	.0110829

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1088.752	1945.207	39806.90	9142.664	3137.398
Stddev	2.873	4.207	31.66	40.283	1.026
%RSD	.2638737	.2162665	.0795427	.4406031	.0326883

#1	1088.611	1942.888	39803.81	9113.251	3138.580
#2	1085.952	1942.671	39840.00	9126.163	3136.875
#3	1091.692	1950.063	39776.90	9188.577	3136.739

Sample Name: I4775-01 Acquired: 8/15/2017 16:07:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGK8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0945075	-.011883	.5097553	.0004147	.0029986	75.35853	2.010766
Stddev	.0056980	.001766	.0036522	.0013532	.0001161	.24471	.005053
%RSD	6.029169	14.86384	.7164527	326.2869	3.872933	.3247304	.2513144

#1	.0991862	-.013833	.5119703	.0018527	.0031224	75.40660	2.011540
#2	.0961743	-.011423	.5117557	.0002253	.0028920	75.09335	2.005371
#3	.0881619	-.010391	.5055400	-.000834	.0029815	75.57564	2.015389

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066130	.0631965	36.39405	.1087144	.0963203	.2508823	138.4454
Stddev	.0001257	.0004632	.10694	.0008225	.0008580	.0018138	.5615
%RSD	1.901548	.7328817	.2938390	.7565401	.8908260	.7229683	.4055393

#1	.0066823	.0628519	36.37803	.1095446	.0955439	.2509127	138.3982
#2	.0064679	.0637230	36.29603	.1078998	.0972415	.2490535	137.9090
#3	.0066888	.0630145	36.50810	.1086988	.0961754	.2526808	139.0289

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.980226	24.62933	.1628103	.0018826	1.235019	.2105719	2.697032
Stddev	.034321	.14027	.0006115	.0003397	.093606	.0012406	.022307
%RSD	.4916864	.5695054	.3756049	18.04285	7.579307	.5891356	.8270774

#1	6.978763	24.64375	.1621042	.0020699	1.163542	.2091609	2.672200
#2	6.946660	24.48241	.1631599	.0014905	1.340974	.2114913	2.715373
#3	7.015255	24.76183	.1631668	.0020874	1.200543	.2110635	2.703524

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.58660	1.069902	-.332994	.0023386	1.529000	5.764566	.0121309
Stddev	.05704	.007704	.001014	.0004109	.008086	.078862	.0004231
%RSD	.2912382	.7200913	.3046141	17.57117	.5288572	1.368039	3.487816

#1	19.63479	1.062117	-.332041	.0020249	1.519745	5.680045	.0124312
#2	19.52362	1.077523	-.332882	.0028037	1.534699	5.777478	.0123145
#3	19.60139	1.070066	-.334060	.0021872	1.532555	5.836175	.0116470

Sample Name: I4775-01 Acquired: 8/15/2017 16:07:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGK8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6970701	.0082541	.0445524
Stddev	.0039418	.0000822	.0000817
%RSD	.5654801	.9962378	.1834632

#1	.6969007	.0083192	.0446419
#2	.6932157	.0081617	.0444818
#3	.7010938	.0082814	.0445333

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1153.515	2064.764	42712.57	10100.82	2868.687
Stddev	2.267	5.081	170.54	40.23	13.421
%RSD	.1965456	.2460638	.3992712	.3983259	.4678423

#1	1155.793	2069.557	42545.76	10063.04	2880.739
#2	1151.259	2059.438	42705.34	10143.12	2854.224
#3	1153.493	2065.296	42886.61	10096.31	2871.098

Sample Name: I4775-02 Acquired: 8/15/2017 16:11:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGK9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0898162	-.010721	.4235997	-.000321	.0020455	70.28284	1.949589
Stddev	.0027165	.000986	.0025349	.003791	.0018407	.14688	.003595
%RSD	3.024542	9.198945	.5984222	1181.511	89.98475	.2089861	.1844218

#1	.0896266	-.011610	.4216567	-.001538	.0029478	70.18148	1.947113
#2	.0871994	-.009660	.4264671	-.003355	-.000072	70.45129	1.953713
#3	.0926225	-.010893	.4226754	.003930	.003261	70.21576	1.947941

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064673	.0553763	34.31284	.1031292	.0887891	.2321226	131.1162
Stddev	.0001123	.0002995	.12170	.0008213	.0002491	.0010141	.4305
%RSD	1.737053	.5408117	.3546912	.7963275	.2805417	.4368745	.3283652

#1	.0063401	.0553235	34.37802	.1024968	.0887922	.2330935	131.0992
#2	.0065089	.0556986	34.38808	.1028334	.0890366	.2310702	131.5550
#3	.0065529	.0551066	34.17243	.1040573	.0885384	.2322040	130.6944

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.379659	23.02326	.1569857	.0013349	1.183953	.1988357	2.436210
Stddev	.026416	.09014	.0000617	.0002251	.117520	.0022533	.020900
%RSD	.4140731	.3914967	.0392861	16.86505	9.926042	1.133273	.8578981

#1	6.376335	22.99183	.1570241	.0010774	1.155620	.1968629	2.413783
#2	6.407581	23.12490	.1570184	.0014947	1.313050	.1983528	2.455144
#3	6.355062	22.95304	.1569145	.0014325	1.083191	.2012913	2.439702

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.04765	.9734279	-.312610	.0027419	1.910526	5.544450	.0121080
Stddev	.09921	.0040186	.000742	.0004863	.006827	.038301	.0003652
%RSD	.5497234	.4128244	.2373562	17.73793	.3573106	.6908032	3.016028

#1	18.06127	.9780453	-.313183	.0032554	1.908628	5.505805	.0118461
#2	18.13935	.9715167	-.312874	.0026821	1.918101	5.582398	.0119528
#3	17.94234	.9707216	-.311772	.0022882	1.904849	5.545149	.0125252

Sample Name: I4775-02 Acquired: 8/15/2017 16:11:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METGK9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6771862	.0076680	.0424120
Stddev	.0044058	.0000180	.0001361
%RSD	.6506028	.2350225	.3207876

#1	.6767282	.0076657	.0423498
#2	.6818032	.0076513	.0425680
#3	.6730274	.0076871	.0423182

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1151.390	2060.617	42534.27	10115.27	2883.570
Stddev	3.150	4.829	162.92	32.53	4.602
%RSD	.2735780	.2343568	.3830397	.3215611	.1595902

#1	1154.885	2063.818	42571.88	10099.27	2883.217
#2	1150.518	2055.063	42675.10	10093.84	2879.154
#3	1148.769	2062.972	42355.83	10152.70	2888.338

Sample Name: I4775-03 Acquired: 8/15/2017 16:15:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGL0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0719908	-.012198	.2731465	-.001099	.0003686	80.65841	1.893533
Stddev	.0024018	.002743	.0014666	.003146	.0009221	.45378	.011708
%RSD	3.336241	22.49062	.5369350	286.1692	250.1249	.5625924	.6183027

#1	.0743656	-.010996	.2746064	-.003010	.0003003	81.17178	1.906886
#2	.0720441	-.015337	.2716732	-.002819	-.000517	80.49260	1.888683
#3	.0695629	-.010261	.2731598	.002531	.001323	80.31086	1.885029

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071819	.0283233	39.27756	.1207436	.0896246	.2113416	144.7467
Stddev	.0000968	.0000296	.16802	.0011410	.0003935	.0014235	.5465
%RSD	1.347367	.1044018	.4277634	.9449546	.4389935	.6735697	.3775382

#1	.0072462	.0283358	39.39783	.1218047	.0892254	.2128453	145.0819
#2	.0072289	.0283446	39.34925	.1195368	.0896366	.2111647	145.0421
#3	.0070706	.0282896	39.08559	.1208894	.0900120	.2100148	144.1161

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.146970	27.49149	.2001737	.0011420	1.253721	.2048804	1.782818
Stddev	.018501	.12654	.0010434	.0001326	.010370	.0028243	.018427
%RSD	.3009794	.4602937	.5212611	11.61173	.8271604	1.378499	1.033571

#1	6.164336	27.61153	.2003223	.0011743	1.259656	.2066561	1.801890
#2	6.149062	27.50361	.1990639	.0009962	1.241747	.2063613	1.765113
#3	6.127511	27.35932	.2011348	.0012555	1.259761	.2016236	1.781453

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.20793	.8712659	-.352114	.0005455	1.423589	4.714290	.0125588
Stddev	.10867	.0041219	.000739	.0002549	.003658	.022326	.0011150
%RSD	.6314881	.4730919	.2099453	46.71891	.2569811	.4735875	8.878503

#1	17.33340	.8723094	-.352967	.0008275	1.423560	4.705398	.0122809
#2	17.14589	.8667225	-.351651	.0004777	1.419946	4.739692	.0116090
#3	17.14449	.8747657	-.351724	.0003315	1.427262	4.697780	.0137865

Sample Name: I4775-03 Acquired: 8/15/2017 16:15:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGL0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5786922	.0092385	.0496713
Stddev	.0043360	.0001222	.0002647
%RSD	.7492753	1.323132	.5329118

#1	.5797335	.0093435	.0499604
#2	.5739304	.0091043	.0496127
#3	.5824127	.0092678	.0494408

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1173.734	2088.495	43002.13	10162.39	2860.739
Stddev	8.229	5.153	308.93	66.90	7.268
%RSD	.7010895	.2467370	.7184148	.6582802	.2540711

#1	1164.641	2094.224	42676.84	10121.34	2866.238
#2	1175.893	2087.022	43291.58	10126.25	2863.480
#3	1180.668	2084.239	43037.98	10239.59	2852.498

Sample Name: I4775-04 Acquired: 8/15/2017 16:19:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGL1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0554352	-.015490	.1839024	-.000243	.0012715	98.52357	2.124631
Stddev	.0042865	.001051	.0007241	.002751	.0004848	.26814	.007017
%RSD	7.732476	6.787171	.3937344	1133.946	38.13139	.2721547	.3302467

#1	.0581074	-.014556	.1830975	-.001612	.0018249	98.78508	2.132633
#2	.0577074	-.015285	.1845007	.002924	.0009215	98.24926	2.121731
#3	.0504910	-.016628	.1841089	-.002040	.0010681	98.53636	2.119529

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084635	.0069486	42.86391	.1312622	.0973008	.2176392	168.5994
Stddev	.0001038	.0000364	.19705	.0029914	.0004782	.0007228	.5103
%RSD	1.225839	.5238877	.4597025	2.278960	.4914352	.3321177	.3026772

#1	.0085780	.0069349	42.72958	.1334799	.0974199	.2183630	168.3427
#2	.0083756	.0069899	42.77203	.1278599	.0977082	.2176372	168.2684
#3	.0084369	.0069211	43.09011	.1324467	.0967744	.2169174	169.1871

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.587180	32.76875	.2228990	.0011964	1.594222	.2384919	.7866191
Stddev	.022522	.14196	.0021241	.0001336	.047981	.0031173	.0139889
%RSD	.4030932	.4332083	.9529264	11.16347	3.009665	1.307104	1.778363

#1	5.582604	32.88644	.2231768	.0010937	1.634649	.2386676	.7947153
#2	5.567298	32.61109	.2248705	.0013474	1.541200	.2352905	.7704661
#3	5.611638	32.80871	.2206497	.0011482	1.606816	.2415178	.7946758

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.66628	.8521447	-.410433	-.000571	1.306011	5.279656	.0084814
Stddev	.07204	.0047113	.004277	.000305	.007148	.060395	.0014361
%RSD	.3859241	.5528766	1.042042	53.42629	.5473384	1.143926	16.93269

#1	18.72388	.8522541	-.413178	-.000532	1.312000	5.213401	.0082395
#2	18.58551	.8568004	-.405505	-.000893	1.307936	5.293936	.0071816
#3	18.68945	.8473797	-.412616	-.000287	1.298098	5.331632	.0100231

Sample Name: I4775-04 Acquired: 8/15/2017 16:19:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGL1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6752160	.0111387	.0598096
Stddev	.0087265	.0000670	.0001599
%RSD	1.292409	.6012243	.2673748

#1	.6832054	.0112156	.0599922
#2	.6659034	.0110931	.0596949
#3	.6765390	.0111075	.0597416

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1213.782	2159.424	44594.85	10537.88	2815.059
Stddev	15.413	11.729	691.79	27.82	15.102
%RSD	1.269842	.5431434	1.551287	.2640110	.5364686

#1	1203.459	2147.747	44152.17	10516.06	2806.793
#2	1231.499	2159.322	45392.04	10569.21	2805.895
#3	1206.388	2171.204	44240.32	10528.37	2832.490

Sample Name: I4775-05 Acquired: 8/15/2017 16:23:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGL2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0759096	-.012127	.4731724	-.001711	.0025773	82.03416	1.927317
Stddev	.0025202	.002332	.0038160	.002918	.0011013	.18468	.007449
%RSD	3.319975	19.22799	.8064710	170.5290	42.73261	.2251235	.3864978

#1	.0733740	-.010867	.4770232	.001041	.0036031	81.82465	1.920645
#2	.0784141	-.010696	.4731017	-.004770	.0027153	82.10449	1.935354
#3	.0759407	-.014817	.4693922	-.001404	.0014134	82.17333	1.925952

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069787	.0476268	39.18027	.1186960	.0986341	.2313703	143.1488
Stddev	.0002063	.0001723	.29574	.0011380	.0002855	.0006116	.8613
%RSD	2.956298	.3616724	.7548235	.9587560	.2894058	.2643256	.6016481

#1	.0067412	.0475982	39.20331	.1180425	.0986243	.2320011	143.0621
#2	.0071134	.0478116	38.87368	.1200101	.0989244	.2313298	142.3342
#3	.0070816	.0474707	39.46382	.1180355	.0983537	.2307800	144.0501

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.135807	26.55749	.1664924	.0013693	1.155234	.2257343	2.224974
Stddev	.036299	.06667	.0001186	.0001073	.114143	.0039346	.015959
%RSD	.5086858	.2510280	.0712429	7.832702	9.880534	1.743030	.7172664

#1	7.130765	26.55566	.1666174	.0012765	1.023865	.2260719	2.218907
#2	7.102293	26.49177	.1664782	.0014868	1.230150	.2216417	2.243077
#3	7.174363	26.62506	.1663815	.0013447	1.211688	.2294892	2.212939

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.23369	1.038855	-.337231	.0016331	2.124270	5.721999	.0108373
Stddev	.07590	.004311	.001326	.0003604	.009180	.086676	.0008253
%RSD	.3574447	.4150095	.3933049	22.06901	.4321546	1.514794	7.615285

#1	21.16498	1.042858	-.335710	.0012171	2.134112	5.622963	.0111022
#2	21.31516	1.039417	-.338146	.0018518	2.122758	5.784032	.0114975
#3	21.22094	1.034290	-.337837	.0018304	2.115939	5.759003	.0099120

Sample Name: I4775-05 Acquired: 8/15/2017 16:23:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGL2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6742635	.0089970	.0441899
Stddev	.0010812	.0000601	.0001047
%RSD	.1603543	.6674466	.2368252

#1	.6731059	.0089880	.0440892
#2	.6752472	.0090610	.0442981
#3	.6744374	.0089419	.0441825

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1152.138	2048.726	42629.63	10140.20	2850.257
Stddev	7.054	6.819	161.71	45.34	11.307
%RSD	.6122152	.3328457	.3793404	.4470868	.3966877

#1	1150.491	2040.858	42649.76	10141.64	2837.501
#2	1146.054	2052.930	42458.80	10184.80	2854.224
#3	1159.869	2052.390	42780.33	10094.16	2859.045

Sample Name: I4775-06 Acquired: 8/15/2017 16:27:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGL3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0843065	-.013633	.4502568	-.000715	.0013791	80.73366	1.952790
Stddev	.0041921	.000611	.0047447	.001705	.0006654	1.47915	.035559
%RSD	4.972432	4.482023	1.053779	238.3474	48.24698	1.832133	1.820945

#1	.0848186	-.014143	.4555704	-.000262	.0013332	79.06470	1.913853
#2	.0798819	-.012956	.4464439	.000717	.0020663	81.25380	1.960972
#3	.0882190	-.013800	.4487561	-.002601	.0007379	81.88247	1.983545

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067865	.0510449	43.43897	.1141179	.1005882	.2274039	143.8163
Stddev	.0001406	.0004075	.83174	.0024707	.0009796	.0044434	2.7949
%RSD	2.071374	.7983909	1.914735	2.165022	.9738277	1.953991	1.943375

#1	.0066248	.0514406	42.47969	.1161288	.1017192	.2227165	140.5892
#2	.0068804	.0510674	43.87819	.1113599	.1000117	.2279407	145.4005
#3	.0068542	.0506265	43.95902	.1148649	.1000336	.2315547	145.4592

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.504188	26.17638	.1858574	.0016113	1.233591	.2210053	2.237321
Stddev	.140757	.50844	.0014656	.0003894	.031345	.0044211	.028427
%RSD	1.875706	1.942347	.7885676	24.16621	2.540934	2.000448	1.270585

#1	7.342358	25.58971	.1874998	.0011745	1.264450	.2159058	2.253890
#2	7.572037	26.48905	.1846827	.0019219	1.201782	.2237601	2.204497
#3	7.598169	26.45038	.1853897	.0017376	1.234541	.2233500	2.253577

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.92825	.9743968	-.342365	.0018431	1.361134	5.452642	.0106159
Stddev	.35682	.0057090	.002777	.0003945	.007498	.094628	.0004918
%RSD	1.885129	.5859011	.8109850	21.40163	.5508368	1.735451	4.632798

#1	18.53047	.9809788	-.340860	.0016476	1.369222	5.492922	.0111673
#2	19.03414	.9707889	-.340665	.0015846	1.354416	5.520466	.0104579
#3	19.22015	.9714227	-.345569	.0022971	1.359764	5.344539	.0102225

Sample Name: I4775-06 Acquired: 8/15/2017 16:27:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGL3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7268124	.0088333	.0452628
Stddev	.0084270	.0001619	.0008750
%RSD	1.159441	1.833332	1.933061

#1	.7184359	.0086505	.0443155
#2	.7267124	.0088905	.0454324
#3	.7352889	.0089589	.0460406

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1158.725	2072.433	42697.90	10249.67	2845.189
Stddev	20.978	21.634	652.11	125.48	24.100
%RSD	1.810430	1.043870	1.527254	1.224222	.8470356

#1	1137.946	2047.530	42064.91	10394.50	2818.042
#2	1179.896	2083.176	43367.57	10180.84	2853.466
#3	1158.333	2086.592	42661.22	10173.66	2864.060

Sample Name: I4775-07 Acquired: 8/15/2017 16:31:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGL4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0632040	-.013456	.2189559	-.003899	.0011998	94.54943	1.912279
Stddev	.0005857	.001684	.0031253	.003271	.0023063	.51165	.009772
%RSD	.9267076	12.51402	1.427381	83.90524	192.2279	.5411497	.5110292

#1	.0631584	-.012956	.2218285	-.002500	.0031858	94.08474	1.903199
#2	.0638112	-.015333	.2156278	-.001560	.0017434	94.46581	1.911016
#3	.0626425	-.012078	.2194114	-.007637	-.001330	95.09775	1.922621

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079062	.0246597	42.34911	.1238223	.0759681	.2157663	158.7172
Stddev	.0000567	.0002516	.38047	.0029354	.0006127	.0010785	1.2375
%RSD	.7172468	1.020177	.8984080	2.370637	.8065075	.4998291	.7796685

#1	.0078751	.0249501	42.05874	.1222483	.0766700	.2156180	157.7543
#2	.0078717	.0245119	42.20878	.1272090	.0755404	.2147697	158.2844
#3	.0079716	.0245170	42.77981	.1220097	.0756940	.2169113	160.1130

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.340117	30.90657	.1722677	.0012078	1.495512	.2225262	1.383868
Stddev	.034768	.23613	.0015451	.0001264	.046256	.0032490	.016297
%RSD	.8010922	.7640161	.8969373	10.46484	3.092985	1.460075	1.177646

#1	4.316700	30.71617	.1736832	.0011167	1.540616	.2189288	1.373355
#2	4.323584	30.83275	.1706194	.0011547	1.497737	.2234029	1.402641
#3	4.380067	31.17079	.1725007	.0013522	1.448184	.2252470	1.375607

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.53119	.7993714	-.386555	-.000432	1.166695	4.379769	.0098756
Stddev	.10046	.0049089	.004552	.000325	.002943	.032347	.0006757
%RSD	.6076707	.6140946	1.177522	75.28986	.2522547	.7385460	6.842203

#1	16.43268	.8050354	-.381299	-.000365	1.164020	4.354478	.0099616
#2	16.52739	.7963484	-.389205	-.000786	1.166218	4.416217	.0105042
#3	16.63349	.7967304	-.389160	-.000146	1.169848	4.368611	.0091610

Sample Name: I4775-07 Acquired: 8/15/2017 16:31:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGL4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6033184	.0104598	.0539095
Stddev	.0049387	.0000988	.0002934
%RSD	.8185877	.9446270	.5443065

#1	.5976463	.0103827	.0536725
#2	.6056436	.0104256	.0538182
#3	.6066654	.0105712	.0542377

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1169.223	2108.923	42953.12	10343.16	2834.056
Stddev	17.865	10.721	720.41	52.51	17.484
%RSD	1.527912	.5083515	1.677191	.5076574	.6169257

#1	1182.363	2096.574	43367.10	10396.82	2813.881
#2	1148.882	2114.355	42121.27	10340.77	2844.795
#3	1176.424	2115.841	43370.99	10291.89	2843.491

Sample Name: I4775-08 Acquired: 8/15/2017 16:35:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGL5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0687723	-.012572	.3867474	-.001827	.0022337	77.26345	1.618434
Stddev	.0000214	.001281	.0020093	.003348	.0012641	.08439	.001732
%RSD	.0310487	10.19096	.5195268	183.2066	56.59033	.1092298	.1070421

#1	.0687681	-.011858	.3864660	.001930	.0010689	77.35828	1.620403
#2	.0687954	-.011808	.3888825	-.004493	.0020543	77.23545	1.617754
#3	.0687533	-.014052	.3848936	-.002919	.0035779	77.19661	1.617144

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065972	.0187613	32.29945	.1048232	.0871614	.1822916	140.2426
Stddev	.0000901	.0002148	.17055	.0003996	.0009480	.0012623	.4128
%RSD	1.366110	1.144974	.5280174	.3811796	1.087628	.6924502	.2943486

#1	.0065430	.0186989	32.17077	.1052538	.0875124	.1834200	139.8962
#2	.0065474	.0190004	32.23470	.1044644	.0878839	.1809284	140.1323
#3	.0067012	.0185847	32.49289	.1047513	.0860880	.1825263	140.6994

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.448232	25.62181	.1681188	.0012951	1.421955	.1986209	1.275349
Stddev	.018691	.08570	.0007265	.0001821	.027375	.0018133	.002860
%RSD	.3430660	.3344852	.4321098	14.05871	1.925174	.9129368	.2242609

#1	5.440098	25.52903	.1673142	.0015013	1.390488	.1966467	1.278309
#2	5.434987	25.69802	.1683154	.0011565	1.440291	.1990039	1.272601
#3	5.469612	25.63839	.1687267	.0012275	1.435086	.2002121	1.275137

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.26630	.8768786	-.340400	.0007832	1.005452	5.009452	.0080610
Stddev	.06069	.0080452	.001110	.0003177	.008321	.031839	.0002606
%RSD	.3975179	.9174810	.3262245	40.56084	.8276145	.6355732	3.232622

#1	15.22810	.8689276	-.339870	.0004206	1.010320	4.972897	.0077998
#2	15.33627	.8850148	-.341677	.0009164	1.010193	5.024335	.0080622
#3	15.23452	.8766935	-.339655	.0010127	.995844	5.031123	.0083210

Sample Name: I4775-08 Acquired: 8/15/2017 16:35:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METGL5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6099519	.0085080	.0416151
Stddev	.0040500	.0000297	.0000194
%RSD	.6639827	.3495962	.0465339

#1	.6143828	.0085279	.0415990
#2	.6064412	.0084738	.0416097
#3	.6090317	.0085223	.0416366

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1177.065	2094.706	43233.43	10253.40	2877.506
Stddev	5.743	5.911	94.06	4.93	8.809
%RSD	.4878775	.2821848	.2175600	.0480673	.3061235

#1	1176.041	2093.081	43141.18	10253.47	2879.999
#2	1171.903	2089.778	43229.93	10258.29	2867.720
#3	1183.250	2101.260	43329.20	10248.43	2884.799

Sample Name: I4775-09 Acquired: 8/15/2017 16:39:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGL6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0710070	-.010567	.3703808	-.002494	.0020491	72.86407	1.684273
Stddev	.0012883	.001240	.0031629	.001208	.0027261	.04152	.000499
%RSD	1.814369	11.73047	.8539563	48.42120	133.0371	.0569884	.0296430

#1	.0724648	-.011993	.3701111	-.001601	.0036387	72.84833	1.684846
#2	.0705351	-.009950	.3736699	-.002013	-.001099	72.83272	1.684039
#3	.0700212	-.009756	.3673614	-.003869	.003607	72.91116	1.683934

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064237	.0381540	37.93032	.1050510	.0936058	.2093941	135.2960
Stddev	.0000523	.0001414	.09471	.0030693	.0009234	.0013438	.2588
%RSD	.8133531	.3704966	.2496968	2.921720	.9864704	.6417626	.1912979

#1	.0063696	.0381776	37.87803	.1021404	.0943033	.2080659	135.0891
#2	.0064738	.0382822	37.87327	.1082575	.0939553	.2093633	135.2128
#3	.0064276	.0380024	38.03965	.1047552	.0925586	.2107530	135.5862

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.535839	25.07634	.1670674	.0011584	1.159070	.2020367	1.810393
Stddev	.012815	.09191	.0008670	.0001324	.041223	.0013141	.019635
%RSD	.1960787	.3665407	.5189812	11.43196	3.556569	.6504067	1.084548

#1	6.527304	24.98744	.1678772	.0010275	1.175242	.2005363	1.793969
#2	6.529637	25.07057	.1671722	.0011552	1.112213	.2025911	1.832140
#3	6.550576	25.17100	.1661527	.0012923	1.189755	.2029827	1.805069

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.21682	.8873045	-.326917	.0018900	1.605329	5.111522	.0098870
Stddev	.04950	.0045510	.001421	.0005414	.008986	.046695	.0020339
%RSD	.2717021	.5129005	.4346044	28.64803	.5597367	.9135303	20.57171

#1	18.25302	.8868973	-.327977	.0025099	1.612277	5.092312	.0080619
#2	18.16042	.8920454	-.325302	.0015100	1.608528	5.164758	.0095194
#3	18.23701	.8829708	-.327472	.0016500	1.595181	5.077496	.0120796

Sample Name: I4775-09 Acquired: 8/15/2017 16:39:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGL6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5729786	.0083845	.0405291
Stddev	.0029096	.0000335	.0000404
%RSD	.5077970	.3990924	.0996551

#1	.5713558	.0083495	.0405435
#2	.5712423	.0083877	.0404835
#3	.5763376	.0084162	.0405603

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1148.164	2064.558	42205.90	10104.32	2889.162
Stddev	12.612	19.720	568.58	25.76	23.984
%RSD	1.098461	.9551852	1.347151	.2549689	.8301327

#1	1153.129	2050.660	42597.74	10095.17	2872.452
#2	1133.824	2055.886	41553.78	10133.41	2878.391
#3	1157.538	2087.128	42466.20	10084.38	2916.644

Sample Name: I4775-10 Acquired: 8/15/2017 16:43:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGL7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0927285	-.013953	.4713595	-.003943	.0011989	85.77416	2.141134
Stddev	.0073246	.003556	.0016896	.002488	.0012361	.12907	.002679
%RSD	7.898960	25.48459	.3584451	63.09753	103.1030	.1504744	.1251265

#1	.0855956	-.010201	.4729368	-.005900	.0026225	85.81617	2.144025
#2	.0923592	-.017273	.4715652	-.001143	.0003988	85.87698	2.140642
#3	.1002307	-.014385	.4695765	-.004787	.0005753	85.62931	2.138735

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074655	.0526997	41.77359	.1189111	.1070491	.2366267	153.8324
Stddev	.0001853	.0002659	.14173	.0013552	.0002842	.0014081	.2454
%RSD	2.482327	.5045198	.3392877	1.139661	.2654917	.5950934	.1595237

#1	.0074939	.0529945	41.74975	.1183542	.1071496	.2382195	153.6889
#2	.0072677	.0524779	41.92573	.1179230	.1072695	.2361135	154.1157
#3	.0076351	.0526268	41.64528	.1204560	.1067283	.2355471	153.6925

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.478325	28.69070	.2083764	.0013681	1.380783	.2317549	2.311149
Stddev	.010547	.05516	.0001771	.0002338	.033086	.0016928	.026946
%RSD	.1410373	.1922593	.0849931	17.08644	2.396167	.7304441	1.165909

#1	7.467068	28.73729	.2085348	.0011087	1.418419	.2314260	2.318920
#2	7.487978	28.62979	.2084091	.0015625	1.367654	.2335881	2.333355
#3	7.479930	28.70502	.2081852	.0014331	1.356277	.2302507	2.281171

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.04892	.9209022	-.372054	.0015314	1.392778	5.196418	.0124966
Stddev	.10023	.0035390	.001798	.0005789	.012119	.047322	.0006662
%RSD	.5261482	.3842930	.4831984	37.79986	.8701323	.9106661	5.331008

#1	19.16443	.9248749	-.370468	.0015652	1.380919	5.181960	.0131373
#2	18.98508	.9180865	-.371688	.0020927	1.405141	5.249282	.0125450
#3	18.99724	.9197454	-.374007	.0009364	1.392274	5.158011	.0118075

Sample Name: I4775-10 Acquired: 8/15/2017 16:43:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGL7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6473205	.0098414	.0490609
Stddev	.0025012	.0000360	.0001280
%RSD	.3863988	.3658206	.2608164

#1	.6465786	.0098824	.0492085
#2	.6501088	.0098271	.0489937
#3	.6452742	.0098148	.0489807

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1174.153	2102.643	43271.24	10321.64	2843.547
Stddev	6.492	9.845	26.58	18.87	14.581
%RSD	.5529507	.4682001	.0614364	.1827816	.5127756

#1	1169.259	2093.251	43240.88	10307.46	2829.845
#2	1171.683	2101.793	43282.51	10314.41	2841.927
#3	1181.518	2112.885	43290.33	10343.06	2858.871

Sample Name: I4775-11 Acquired: 8/15/2017 16:47:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGL8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0750372	-.016819	.2708488	-.005315	.0028960	110.4551	2.311300
Stddev	.0052167	.002462	.0010057	.003146	.0010740	.1205	.001445
%RSD	6.952158	14.64106	.3712959	59.19464	37.08481	.1091260	.0625279

#1	.0722144	-.019659	.2710128	-.008819	.0030640	110.3160	2.312446
#2	.0810570	-.015506	.2717623	-.004391	.0017480	110.5269	2.309677
#3	.0718401	-.015290	.2697712	-.002734	.0038761	110.5225	2.311779

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089753	.0312592	53.68122	.1441377	.1244209	.2452144	191.4945
Stddev	.0000392	.0000449	.34067	.0004067	.0004377	.0013129	1.1388
%RSD	.4372885	.1435370	.6346124	.2821352	.3518321	.5353884	.5946767

#1	.0089301	.0312789	53.28801	.1444407	.1241421	.2466841	190.1978
#2	.0089947	.0312078	53.88726	.1442969	.1249254	.2441577	191.9539
#3	.0090010	.0312908	53.86840	.1436755	.1241952	.2448014	192.3319

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.356821	36.84803	.2648388	.0011378	1.715913	.2789485	1.716975
Stddev	.048431	.11080	.0021283	.0001434	.034634	.0005932	.007672
%RSD	.6583094	.3006900	.8036149	12.60202	2.018389	.2126707	.4468482

#1	7.301590	36.72153	.2663374	.0011890	1.696994	.2782716	1.708806
#2	7.376840	36.89468	.2657764	.0009758	1.755885	.2791959	1.718089
#3	7.392033	36.92787	.2624027	.0012485	1.694858	.2793780	1.724029

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.18685	1.007441	-.463460	.0001388	1.516588	4.680684	.0110412
Stddev	.03354	.002431	.002425	.0002353	.001657	.024210	.0024674
%RSD	.1661709	.2413022	.5232753	169.5897	.1092299	.5172318	22.34681

#1	20.22520	1.006737	-.464924	-.000031	1.517051	4.652752	.0082346
#2	20.16294	1.010146	-.460661	.000040	1.514749	4.695641	.0128688
#3	20.17241	1.005439	-.464796	.000407	1.517964	4.693659	.0120202

Sample Name: I4775-11 Acquired: 8/15/2017 16:47:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METGL8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7305701	.0128158	.0641906
Stddev	.0012327	.0000768	.0000251
%RSD	.1687269	.5992255	.0390762

#1	.7305584	.0128720	.0641814
#2	.7293433	.0127283	.0641715
#3	.7318086	.0128470	.0642190

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1193.320	2146.016	44107.67	10519.23	2769.623
Stddev	3.119	11.273	81.70	7.41	9.419
%RSD	.2613895	.5253033	.1852323	.0704691	.3400957

#1	1191.661	2139.368	44028.11	10513.53	2768.520
#2	1196.918	2139.648	44103.56	10527.61	2760.803
#3	1191.381	2159.032	44191.36	10516.54	2779.545

Sample Name: CCV015 Acquired: 8/15/2017 16:51:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV015 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.931159	4.760718	24.19573	4.956172	4.897582	405.4236
Stddev	.010026	.018343	.07110	.017942	.032036	1.1857
%RSD	.2033127	.3853028	.2938334	.3620062	.6541108	.2924548

#1	4.931830	4.775100	24.23567	4.976740	4.918469	404.0907
#2	4.940832	4.766992	24.23789	4.948037	4.913578	405.8194
#3	4.920814	4.740061	24.11365	4.943739	4.860698	406.3608

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.942945	.5034474	2.487343	411.3137	14.93351	2.495257
Stddev	.035389	.0011133	.002070	1.6602	.07800	.004403
%RSD	.3559223	.2211322	.0832062	.4036224	.5223135	.1764657

#1	9.983254	.5041623	2.486991	412.7693	14.94680	2.498142
#2	9.916978	.5021647	2.489566	411.6661	14.84972	2.497441
#3	9.928603	.5040152	2.485472	409.5056	15.00402	2.490189

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.00497	408.1294	14.88321	410.6649	2.388993	1.303991
Stddev	.04175	1.4179	.05319	.9443	.009348	.001241
%RSD	.2782343	.3474182	.3573828	.2299332	.3912790	.0951340

#1	14.95698	408.8122	14.92288	410.9305	2.391065	1.303971
#2	15.03294	409.0767	14.90397	411.4479	2.397130	1.302761
#3	15.02498	406.4992	14.82277	409.6163	2.378782	1.305242

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	409.7634	2.477089	14.29933	151.1920	F 6.375495	F 4.248547
Stddev	1.0281	.007284	.11689	.1290	.015850	.009666
%RSD	.2508947	.2940648	.8174666	.0852998	.2486126	.2275168

#1	410.0806	2.479482	14.18545	151.0800	6.392022	4.244475
#2	410.5954	2.482875	14.41902	151.1632	6.374041	4.259583
#3	408.6140	2.468909	14.29352	151.3330	6.360421	4.241583

Sample Name: CCV015 Acquired: 8/15/2017 16:51:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV015 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.876109	5.250588	4.895208	4.894683	4.949446	6.092047
Stddev	.014703	.019470	.014808	.015705	.010980	.030261
%RSD	.3015387	.3708232	.3024935	.3208578	.2218359	.4967237

#1	4.878399	5.272827	4.909012	4.904729	4.959567	6.114521
#2	4.889534	5.242328	4.897044	4.902736	4.950999	6.103981
#3	4.860396	5.236610	4.879568	4.876585	4.937773	6.057639

Elem	Sr4077
Units	ppm
Avg	7.071614
Stddev	.031817
%RSD	.4499237

#1	7.090888
#2	7.089064
#3	7.034890

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	846.2136	1546.306	32544.67	8192.966	2081.838
Stddev	7.1712	5.592	61.01	29.504	7.061
%RSD	.8474409	.3616478	.1874753	.3601102	.3391762

#1	853.4355	1543.427	32611.75	8176.199	2075.599
#2	839.0943	1542.740	32529.77	8175.667	2080.411
#3	846.1108	1552.751	32492.48	8227.033	2089.503

Sample Name: CCB015 Acquired: 8/15/2017 16:56:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB015 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002567	.0003197	-.001360	.0014849	-.001372	-.000205	-.003326
Stddev	.0002545	.0009357	.000849	.0013510	.001751	.004321	.000161
%RSD	99.13459	292.6750	62.43675	90.98045	127.6362	2110.465	4.854559

#1	.0004939	-.000157	-.002112	.0026690	.000649	-.005110	-.003211
#2	.0002882	-.000282	-.000439	.0000133	-.002446	.001456	-.003255
#3	-.000012	.001398	-.001529	.0017723	-.002319	.003040	-.003510

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000160	-.000019	.0181885	-.000428	.0002262	.0014614	.0062727
Stddev	.0000066	.000072	.0119201	.000453	.0001899	.0001268	.0025225
%RSD	41.11302	377.8324	65.53656	105.8325	83.93205	8.674097	40.21397

#1	.0000115	.000028	.0311173	-.000501	.0004396	.0013155	.0072476
#2	.0000236	.000017	.0076345	-.000841	.0000761	.0015247	.0081622
#3	.0000130	-.000102	.0158138	.000057	.0001630	.0015441	.0034082

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002521	.0074625	-.000009	-.000020	-.028591	-.001349	-.001735
Stddev	.0000620	.0105260	.000303	.000090	.116464	.001991	.000857
%RSD	24.57392	141.0523	3271.281	447.4146	407.3392	147.5694	49.40084

#1	.0002912	.0183906	-.000187	.000084	.105803	.000917	-.002286
#2	.0001807	.0066058	-.000181	-.000069	-.099958	-.002816	-.002172
#3	.0002844	-.002609	.000340	-.000076	-.091619	-.002148	-.000748

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3027417	-.000045	.0042994	.0006333	.0017485	.0006852	.0007137
Stddev	.0253606	.000094	.0005238	.0001085	.0047798	.0007392	.0004511
%RSD	8.376985	210.1733	12.18277	17.12677	273.3595	107.8811	63.20198

#1	.3198967	-.000142	.0049042	.0007005	.0060468	.0000757	.0012028
#2	.3147176	-.000039	.0039972	.0006914	-.003399	.0004724	.0003142
#3	.2736108	.000046	.0039968	.0005082	.002598	.0015075	.0006240

Sample Name: CCB015 Acquired: 8/15/2017 16:56:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB015 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001309	.0006439	.0001497
Stddev	.0001822	.0000646	.0000155
%RSD	139.1673	10.03650	10.34476

#1	.0002738	.0006825	.0001666
#2	.0001932	.0005693	.0001463
#3	-.000074	.0006798	.0001362

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1079.347	1934.894	39548.82	8822.005	3367.487
Stddev	10.346	27.406	126.30	20.397	49.628
%RSD	.9585301	1.416394	.3193547	.2312027	1.473740

#1	1074.006	1927.070	39437.27	8798.479	3357.820
#2	1072.763	1912.252	39523.25	8834.726	3323.405
#3	1091.272	1965.361	39685.96	8832.809	3421.238

Sample Name: I4775-12 Acquired: 8/15/2017 17:00:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGL9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0503606	-.011550	.1744520	-.003256	-.000541	71.09696	1.436495
Stddev	.0016265	.000486	.0023099	.002707	.001221	.07429	.001677
%RSD	3.229735	4.211791	1.324069	83.15403	225.5860	.1044929	.1167246

#1	.0513305	-.010989	.1761493	-.001036	-.001946	71.14938	1.436994
#2	.0484829	-.011847	.1753852	-.002459	.000262	71.12955	1.437866
#3	.0512686	-.011815	.1718215	-.006272	.000060	71.01194	1.434625

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062577	.0111628	34.77048	.1009789	.0764514	.1519784	135.9488
Stddev	.0000057	.0002343	.08302	.0001579	.0005182	.0016365	.3923
%RSD	.0906098	2.099104	.2387646	.1564149	.6777711	1.076820	.2885852

#1	.0062634	.0109560	34.67526	.1011470	.0768576	.1534983	135.6582
#2	.0062577	.0111150	34.82766	.1008337	.0766287	.1521910	136.3951
#3	.0062521	.0114173	34.80852	.1009560	.0758678	.1502460	135.7932

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.329632	25.66354	.1832948	.0007936	1.406150	.1878902	.9514028
Stddev	.015178	.02676	.0004688	.0001730	.125919	.0003282	.0115101
%RSD	.3505563	.1042918	.2557713	21.79584	8.954895	.1746747	1.209807

#1	4.313680	25.67814	.1838319	.0009905	1.384669	.1881105	.9431008
#2	4.343894	25.67983	.1830848	.0006662	1.541428	.1880470	.9465654
#3	4.331323	25.63265	.1829677	.0007240	1.292353	.1875130	.9645422

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.97496	.9223887	-.328149	.0003537	1.070962	3.865677	.0069155
Stddev	.01034	.0054745	.002074	.0003549	.004684	.023039	.0006888
%RSD	.0739933	.5935141	.6320056	100.3378	.4374070	.5959786	9.959488

#1	13.96582	.9286911	-.328186	.0007621	1.075009	3.892080	.0069135
#2	13.98619	.9196620	-.326057	.0001200	1.065830	3.849654	.0076053
#3	13.97288	.9188130	-.330205	.0001790	1.072047	3.855298	.0062278

Sample Name: I4775-12 Acquired: 8/15/2017 17:00:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METGL9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6370152	.0086825	.0416882
Stddev	.0009698	.0000231	.0000989
%RSD	.1522404	.2660799	.2371798

#1	.6380332	.0087063	.0416493
#2	.6361022	.0086811	.0418006
#3	.6369103	.0086602	.0416147

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1176.529	2095.536	43171.68	10267.98	2888.278
Stddev	10.981	10.231	233.90	11.62	13.490
%RSD	.9333223	.4882238	.5417985	.1131860	.4670448

#1	1183.029	2084.159	43328.06	10261.08	2873.151
#2	1182.706	2103.979	43284.19	10261.45	2892.623
#3	1163.851	2098.470	42902.78	10281.39	2899.060

Sample Name: I4775-16 Acquired: 8/15/2017 17:04:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGM1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0444543	-.012362	.7512113	-.007033	.0027306	54.44798
Stddev	.0040333	.002740	.0063625	.005655	.0021355	.19419
%RSD	9.072946	22.16754	.8469697	80.40775	78.20536	.3566444

#1	.0464909	-.015519	.7568938	-.006683	.0049460	54.53410
#2	.0398087	-.010975	.7524028	-.001561	.0025608	54.22563
#3	.0470632	-.010592	.7443372	-.012856	.0006851	54.58421

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.323261	.0058154	.0355544	F 1024.898	.3615752	.0624165
Stddev	.005778	.0002295	.0002721	4.300	.0011609	.0006356
%RSD	.4366214	3.945896	.7653933	.4195918	.3210761	1.018408

#1	1.329107	.0055807	.0354028	1020.740	.3606309	.0629126
#2	1.317554	.0058265	.0358686	1029.328	.3628714	.0626369
#3	1.323122	.0060392	.0353919	1024.625	.3612233	.0616999

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2815225	186.0356	8.964674	128.6927	.1539127	.0020400
Stddev	.0002395	.8273	.040412	.5339	.0011393	.0002817
%RSD	.0850887	.4446853	.4507960	.4148515	.7402242	13.80981

#1	.2812546	186.1912	8.983993	128.6514	.1542301	.0020858
#2	.2815970	185.1416	8.918228	128.1807	.1548597	.0022959
#3	.2817161	186.7740	8.991800	129.2460	.1526484	.0017381

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.864085	.5131853	3.536107	12.76768	1.596655	-.449804
Stddev	.096351	.0036102	.021634	.08014	.010016	.001985
%RSD	5.168785	.7034970	.6117916	.6276783	.6273072	.4413733

#1	1.756669	.5168075	3.559683	12.83193	1.602360	-.450785
#2	1.942889	.5095871	3.517168	12.67788	1.602514	-.447519
#3	1.892696	.5131614	3.531468	12.79323	1.585090	-.451108

Sample Name: I4775-16 Acquired: 8/15/2017 17:04:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGM1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049257	5.722736	3.897498	.0122332	1.275246	.0100215
Stddev	.0002541	.044920	.012908	.0006637	.004601	.0000582
%RSD	5.158999	.7849447	.3311816	5.425165	.3608112	.5804053

#1	.0051281	5.746755	3.889540	.0127338	1.276153	.0100859
#2	.0050086	5.750541	3.890564	.0124854	1.270259	.0100059
#3	.0046405	5.670913	3.912391	.0114804	1.279327	.0099727

Elem	Sr4077
Units	ppm
Avg	.2024463
Stddev	.0008871
%RSD	.4382058

#1	.2032926
#2	.2015233
#3	.2025231

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	999.7749	1783.718	37160.49	9303.977	2283.188
Stddev	6.4277	3.668	103.02	17.353	10.078
%RSD	.6429127	.2056364	.2772259	.1865088	.4413907

#1	992.4327	1784.142	37110.63	9289.023	2275.102
#2	1002.506	1779.856	37091.88	9323.004	2279.985
#3	1004.386	1787.155	37278.95	9299.905	2294.479

Sample Name: I4775-17 Acquired: 8/15/2017 17:08:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGM2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0582629	-.012926	.7514224	-.002973	.0019625	60.83312	1.419461
Stddev	.0028210	.001039	.0028053	.001970	.0021526	.03700	.001200
%RSD	4.841813	8.034763	.3733310	66.26942	109.6848	.0608244	.0845341

#1	.0563632	-.013893	.7484198	-.004657	.0041047	60.80295	1.418753
#2	.0569211	-.011828	.7518712	-.000806	.0019832	60.82201	1.420847
#3	.0615043	-.013058	.7539762	-.003455	-.000200	60.87441	1.418784

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057662	.0409880	211.5295	.1006654	.0718832	.2630220	130.1951
Stddev	.0001568	.0001508	.9483	.0013306	.0006023	.0009950	.6476
%RSD	2.718725	.3680090	.4483274	1.321808	.8379066	.3783004	.4974012

#1	.0055911	.0408141	212.2144	.1014619	.0713906	.2630069	130.7078
#2	.0058141	.0410664	210.4471	.0991293	.0717042	.2640244	129.4673
#3	.0058935	.0410835	211.9270	.1014050	.0725547	.2620346	130.4100

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.658988	106.1414	.1549292	.0022049	1.410473	.2004688	3.081547
Stddev	.017410	.3972	.0003706	.0000907	.073735	.0025845	.044163
%RSD	.3736786	.3742090	.2391783	4.115290	5.227700	1.289211	1.433130

#1	4.672518	106.2266	.1550884	.0021464	1.331853	.2014115	3.109298
#2	4.639347	105.7085	.1545057	.0023094	1.478086	.1975454	3.030621
#3	4.665100	106.4891	.1551936	.0021588	1.421481	.2024496	3.104723

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.20027	1.343796	-.310022	.0034583	2.247878	2.649312	.0091215
Stddev	.01586	.005977	.003000	.0003889	.006657	.019001	.0009216
%RSD	.1201189	.4447719	.9678036	11.24566	.2961335	.7171915	10.10363

#1	13.21649	1.338692	-.313483	.0030483	2.240281	2.665117	.0086542
#2	13.19950	1.342325	-.308159	.0038219	2.252688	2.654589	.0085272
#3	13.18480	1.350371	-.308423	.0035048	2.250665	2.628231	.0101832

Sample Name: I4775-17 Acquired: 8/15/2017 17:08:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGM2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7830598	.0082026	.0397633
Stddev	.0021513	.0000389	.0000237
%RSD	.2747348	.4735803	.0595160

#1	.7809856	.0081581	.0397395
#2	.7829130	.0082299	.0397868
#3	.7852807	.0082198	.0397636

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1092.633	1939.163	40654.40	9850.001	2630.441
Stddev	12.778	8.337	409.96	45.145	5.306
%RSD	1.169495	.4299458	1.008391	.4583244	.2017135

#1	1082.041	1932.132	40283.13	9798.910	2629.336
#2	1106.825	1948.374	41094.36	9884.510	2636.213
#3	1089.034	1936.983	40585.72	9866.583	2625.775

Sample Name: I4775-18 Acquired: 8/15/2017 17:12:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGM3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0657868	-.011281	.9181736	-.003998	.0014674	61.66014	1.674351
Stddev	.0020387	.001198	.0022263	.003316	.0002646	.15838	.001357
%RSD	3.098984	10.62246	.2424660	82.93470	18.02938	.2568554	.0810651

#1	.0681344	-.009913	.9177442	-.002228	.0011650	61.84265	1.675748
#2	.0647647	-.011786	.9205833	-.007824	.0016560	61.57904	1.674267
#3	.0644613	-.012144	.9161934	-.001943	.0015814	61.55875	1.673037

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060006	.0550321	84.86368	.0895785	.0734861	.2998473	126.6694
Stddev	.0001025	.0003414	.32861	.0001004	.0005295	.0005037	.5533
%RSD	1.708115	.6204210	.3872200	.1120375	.7205338	.1680015	.4368385

#1	.0060946	.0546379	85.18526	.0894685	.0731378	.2994503	127.2389
#2	.0058913	.0552237	84.87732	.0896019	.0732251	.3004140	126.6355
#3	.0060158	.0552347	84.52847	.0896651	.0740954	.2996776	126.1338

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.917684	32.28372	.1517426	.0029029	1.146259	.1770824	4.645571
Stddev	.021811	.13230	.0010695	.0002069	.034505	.0021907	.015476
%RSD	.4435219	.4097903	.7048150	7.128473	3.010184	1.237120	.3331344

#1	4.941322	32.43648	.1528605	.0027156	1.152656	.1752050	4.644317
#2	4.913391	32.20672	.1507292	.0028681	1.177117	.1765530	4.630761
#3	4.898338	32.20797	.1516380	.0031250	1.109003	.1794893	4.661636

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.76952	1.265570	-.296881	.0031932	2.140284	2.759733	.0096401
Stddev	.01575	.008413	.000671	.0003497	.009580	.058186	.0025049
%RSD	.1066174	.6647654	.2261467	10.95049	.4475890	2.108385	25.98391

#1	14.75460	1.255879	-.297160	.0035261	2.129454	2.792638	.0073479
#2	14.76800	1.269838	-.297367	.0032246	2.143748	2.692550	.0092586
#3	14.78598	1.270994	-.296115	.0028289	2.147650	2.794010	.0123139

Sample Name: I4775-18 Acquired: 8/15/2017 17:12:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METGM3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6248170	.0071766	.0384900
Stddev	.0010001	.0000161	.0001332
%RSD	.1600611	.2236031	.3460724

#1	.6258052	.0071685	.0386416
#2	.6248405	.0071662	.0384368
#3	.6238054	.0071951	.0383916

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1128.950	2018.210	41781.21	10081.84	2819.849
Stddev	2.708	3.727	143.23	53.12	2.562
%RSD	.2398558	.1846862	.3428151	.5268809	.0908432

#1	1129.307	2019.463	41839.08	10024.18	2818.868
#2	1126.082	2021.150	41618.09	10092.57	2822.756
#3	1131.462	2014.018	41886.45	10128.78	2817.923

Sample Name: I4775-19 Acquired: 8/15/2017 17:16:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGM4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0512115	-.010586	.3548700	-.001383	.0013538	65.80303	1.646181
Stddev	.0008729	.004434	.0025296	.003985	.0014907	.04702	.001288
%RSD	1.704463	41.88709	.7128264	288.0307	110.1110	.0714587	.0782318

#1	.0521800	-.008417	.3577084	-.003392	.0001207	65.77042	1.647652
#2	.0509690	-.015687	.3540478	.003206	.0009302	65.85693	1.645634
#3	.0504855	-.007654	.3528538	-.003964	.0030104	65.78173	1.645257

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057586	.0127870	44.09943	.0931404	.0702024	.1620972	125.8345
Stddev	.0001845	.0001973	.11495	.0003852	.0008725	.0013608	.3655
%RSD	3.204103	1.542848	.2606643	.4135703	1.242890	.8395118	.2904334

#1	.0056126	.0130104	44.03816	.0935834	.0711208	.1612561	125.6141
#2	.0056973	.0127142	44.23204	.0928841	.0701018	.1613683	126.2564
#3	.0059660	.0126365	44.02809	.0929537	.0693845	.1636672	125.6331

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.386986	23.81378	.1748193	.0009302	1.089181	.1723536	2.691954
Stddev	.012649	.11372	.0018155	.0000580	.103411	.0015018	.021448
%RSD	.2883288	.4775540	1.038512	6.237785	9.494398	.8713354	.7967584

#1	4.376181	23.72901	.1769119	.0009039	.989810	.1737304	2.671511
#2	4.400899	23.94302	.1738827	.0009967	1.196207	.1707521	2.714283
#3	4.383876	23.76930	.1736633	.0008900	1.081525	.1725784	2.690069

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.04965	1.110511	-.299911	.0010967	1.776599	2.839352	.0082638
Stddev	.02266	.010255	.000926	.0000241	.021574	.001273	.0006250
%RSD	.1505883	.9234086	.3089135	2.193990	1.214317	.0448462	7.563195

#1	15.06419	1.122156	-.299626	.0011147	1.798676	2.837915	.0083970
#2	15.02354	1.106546	-.299160	.0010694	1.775554	2.839799	.0075829
#3	15.06122	1.102830	-.300946	.0011062	1.755567	2.840341	.0088115

Sample Name: I4775-19 Acquired: 8/15/2017 17:16:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGM4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6120683	.0073811	.0342151
Stddev	.0038998	.0000694	.0000593
%RSD	.6371519	.9409683	.1733248

#1	.6124249	.0073207	.0341530
#2	.6157775	.0073656	.0342711
#3	.6080024	.0074570	.0342212

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1150.344	2046.158	42477.00	10143.91	2882.298
Stddev	8.538	17.158	55.93	15.32	23.747
%RSD	.7422119	.8385524	.1316798	.1510568	.8238947

#1	1154.469	2026.439	42473.81	10126.67	2855.506
#2	1140.526	2054.353	42422.73	10155.99	2890.637
#3	1156.036	2057.682	42534.46	10149.06	2900.751

Sample Name: I4775-20 Acquired: 8/15/2017 17:20:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGM5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101816	.0259597	1.312335	-.050803	.0131555	58.20243
Stddev	.0042238	.0029087	.009668	.004595	.0008587	.18100
%RSD	41.48496	11.20487	.7366965	9.045225	6.527552	.3109798

#1	.0061653	.0227401	1.318586	-.056097	.0141230	58.01616
#2	.0097934	.0283981	1.317221	-.047848	.0128601	58.21348
#3	.0145862	.0267409	1.301199	-.048464	.0124835	58.37765

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.157807	.0105950	.0384682	F 1003.122	1.983194	.0807348
Stddev	.001420	.0001489	.0007753	9.478	.005226	.0003650
%RSD	.1226614	1.405730	2.015431	.9448974	.2635282	.4521101

#1	1.156195	.0106964	.0389222	994.638	1.979316	.0807531
#2	1.158873	.0106647	.0389093	1001.376	1.989137	.0803610
#3	1.158353	.0104240	.0375730	1013.353	1.981129	.0810904

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3977546	637.2440	F 32.10652	129.9442	.1972798	.0014606
Stddev	.0004639	4.6446	.26384	1.2463	.0018803	.0003849
%RSD	.1166355	.7288600	.8217750	.9591201	.9530996	26.35295

#1	.3972288	633.3832	31.86793	128.6159	.1980527	.0010324
#2	.3981061	635.9507	32.06173	130.1287	.1986505	.0017779
#3	.3979290	642.3982	32.38989	131.0880	.1951363	.0015715

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.317258	3.548381	6.652300	9.925889	1.865649	-1.53907
Stddev	.109701	.013544	.031171	.069535	.015705	.00513
%RSD	2.540997	.3817049	.4685749	.7005406	.8417803	.3333636

#1	4.416826	3.532897	6.673842	9.859731	1.882875	-1.53456
#2	4.199658	3.554216	6.616557	9.998369	1.861941	-1.53800
#3	4.335290	3.558029	6.666500	9.919567	1.852129	-1.54465

Sample Name: I4775-20 Acquired: 8/15/2017 17:20:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGM5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0236213	6.664700	3.546466	.0125258	8.584892	.0094469
Stddev	.0003139	.030567	.016198	.0051918	.020652	.0000520
%RSD	1.328764	.4586376	.4567499	41.44867	.2405616	.5507210

#1	.0239690	6.686127	3.565058	.0182951	8.566852	.0093870
#2	.0235362	6.678276	3.535401	.0082302	8.580404	.0094809
#3	.0233588	6.629697	3.538937	.0110522	8.607418	.0094729

Elem	Sr4077
Units	ppm
Avg	.1725081
Stddev	.0007451
%RSD	.4319069

#1	.1717902
#2	.1724564
#3	.1732776

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	918.4850	1662.207	35443.12	8883.536	2176.011
Stddev	1.8501	4.114	94.84	46.936	10.010
%RSD	.2014308	.2474823	.2675840	.5283441	.4600172

#1	916.6392	1659.477	35343.21	8927.274	2168.361
#2	920.3394	1660.207	35454.24	8889.383	2172.333
#3	918.4763	1666.939	35531.90	8833.951	2187.340

Sample Name: I4775-21 Acquired: 8/15/2017 17:24:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGM6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0598131	.0154228	1.673716	-.027217	.0075636	73.39505
Stddev	.0033209	.0035972	.008153	.001821	.0027790	.18552
%RSD	5.552080	23.32420	.4871184	6.689337	36.74105	.2527652

#1	.0568071	.0118007	1.681881	-.029134	.0103381	73.32523
#2	.0633779	.0154729	1.665575	-.027007	.0075725	73.25458
#3	.0592544	.0189946	1.673694	-.025511	.0047802	73.60535

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.513931	.0105631	.0776736	553.2931	1.956384	.0767902
Stddev	.003491	.0000436	.0005721	.6004	.002908	.0008042
%RSD	.2305628	.4126695	.7365261	.1085207	.1486372	1.047323

#1	1.515281	.0105852	.0782723	552.7074	1.959051	.0777108
#2	1.509967	.0105912	.0776160	553.9073	1.953284	.0762240
#3	1.516545	.0105128	.0771325	553.2648	1.956817	.0764359

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4186038	422.8039	F 39.99399	124.8576	.1760179	.0022479
Stddev	.0006743	.5112	.02672	.2125	.0012108	.0002445
%RSD	.1610739	.1209054	.0668053	.1701797	.6878574	10.87665

#1	.4178562	422.4118	39.96445	124.7740	.1770423	.0022923
#2	.4187891	422.6178	40.00106	124.6996	.1746817	.0024671
#3	.4191660	423.3821	40.01647	125.0992	.1763297	.0019842

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.385396	2.217523	4.837003	11.32585	1.942521	-.892215
Stddev	.053017	.001091	.018701	.04324	.011213	.000805
%RSD	1.566057	.0491994	.3866144	.3817972	.5772461	.0902794

#1	3.445353	2.216947	4.849405	11.36940	1.953680	-.893143
#2	3.344707	2.216841	4.846111	11.28293	1.931254	-.891695
#3	3.366127	2.218781	4.815494	11.32521	1.942629	-.891807

Sample Name: I4775-21 Acquired: 8/15/2017 17:24:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGM6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0244324	8.516738	2.812152	.0080804	8.432587	.0082126
Stddev	.0002726	.037372	.025693	.0016535	.015007	.0000630
%RSD	1.115684	.4388007	.9136375	20.46269	.1779652	.7669764

#1	.0247462	8.558555	2.783720	.0067907	8.433008	.0082773
#2	.0242960	8.486604	2.833707	.0075061	8.417374	.0081515
#3	.0242549	8.505054	2.819027	.0099445	8.447380	.0082089

Elem	Sr4077
Units	ppm
Avg	.0928478
Stddev	.0002105
%RSD	.2267674

#1	.0930167
#2	.0926119
#3	.0929148

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	988.7947	1773.781	37543.88	9251.428	2354.233
Stddev	4.0110	12.222	84.53	14.794	13.874
%RSD	.4056501	.6890247	.2251602	.1599070	.5893168

#1	984.9430	1759.857	37446.51	9241.530	2339.419
#2	988.4931	1782.733	37598.57	9244.320	2366.922
#3	992.9481	1778.753	37586.54	9268.434	2356.357

Sample Name: I4775-22 Acquired: 8/15/2017 17:28:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGM7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0732069	-.006960	.8939896	-.000962	.0013004	59.23864	1.854643
Stddev	.0020102	.000333	.0028614	.001995	.0002324	.13580	.001600
%RSD	2.745981	4.779562	.3200685	207.4225	17.87079	.2292504	.0862603

#1	.0744396	-.007255	.8908376	.000545	.0010359	59.12068	1.856004
#2	.0742939	-.006600	.8964235	-.003224	.0013934	59.20814	1.852881
#3	.0708872	-.007026	.8947077	-.000206	.0014718	59.38710	1.855044

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063483	.0623098	104.6526	.1645808	.0732815	.2924415	131.9006
Stddev	.0000558	.0003355	.3769	.0008878	.0003063	.0007827	.5719
%RSD	.8786985	.5384048	.3601691	.5394357	.4180524	.2676568	.4335565

#1	.0062857	.0619224	104.2261	.1655131	.0729450	.2918958	131.3008
#2	.0063928	.0625050	104.7911	.1644839	.0733552	.2920903	131.9614
#3	.0063663	.0625019	104.9408	.1637454	.0735443	.2933383	132.4397

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.772257	24.89310	.1510818	.0015118	1.268709	.2652285	3.225524
Stddev	.028127	.13920	.0004681	.0004433	.042769	.0025156	.012159
%RSD	.4872735	.5591993	.3097990	29.32231	3.371042	.9484502	.3769601

#1	5.740275	24.78226	.1506680	.0020075	1.279010	.2623465	3.236802
#2	5.783352	24.84769	.1515898	.0011535	1.221730	.2663556	3.212643
#3	5.793144	25.04933	.1509876	.0013744	1.305386	.2669834	3.227126

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.50372	1.224577	-.303946	.0045322	2.232537	3.114791	.0102150
Stddev	.07230	.003318	.000687	.0002105	.001587	.023594	.0013703
%RSD	.4663166	.2709445	.2259362	4.644950	.0710654	.7574885	13.41446

#1	15.44761	1.228316	-.304079	.0046852	2.232465	3.087639	.0100264
#2	15.47824	1.223434	-.304557	.0042921	2.234158	3.130307	.0089488
#3	15.58530	1.221982	-.303203	.0046192	2.230988	3.126426	.0116699

Sample Name: I4775-22 Acquired: 8/15/2017 17:28:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGM7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9648708	.0069505	.0437639
Stddev	.0016059	.0000471	.0000798
%RSD	.1664386	.6776354	.1823546

#1	.9630367	.0070031	.0437218
#2	.9655513	.0069123	.0437140
#3	.9660245	.0069362	.0438560

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1138.726	2028.276	42006.95	10038.45	2810.725
Stddev	1.742	6.444	42.16	30.25	7.334
%RSD	.1529417	.3177215	.1003619	.3013319	.2609184

#1	1137.445	2021.019	42009.02	10073.38	2802.610
#2	1140.709	2030.480	41963.80	10021.42	2812.688
#3	1138.025	2033.329	42048.04	10020.56	2816.878

Sample Name: I4776-01 Acquired: 8/15/2017 17:32:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGM8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0747076	-.012754	.5759672	-.004588	.0022995	66.35294	1.945018
Stddev	.0029250	.001022	.0011714	.001834	.0019138	.62914	.016904
%RSD	3.915253	8.010112	.2033740	39.98445	83.22647	.9481741	.8691134

#1	.0718925	-.013650	.5747680	-.002483	.0003572	65.64041	1.925989
#2	.0744989	-.011641	.5771087	-.005438	.0041834	66.58656	1.950770
#3	.0777313	-.012971	.5760250	-.005843	.0023578	66.83185	1.958296

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063426	.0257893	60.26401	.1386832	.0807667	.2202942	149.8469
Stddev	.0000988	.0001019	.65246	.0015404	.0005331	.0012888	1.5426
%RSD	1.557717	.3952263	1.082676	1.110760	.6600519	.5850266	1.029456

#1	.0062291	.0257976	59.51964	.1392318	.0805045	.2202277	148.0789
#2	.0063895	.0256835	60.53548	.1369436	.0813801	.2190400	150.5429
#3	.0064092	.0258869	60.73690	.1398742	.0804154	.2216150	150.9188

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.221279	26.83375	.1934953	.0008614	1.460492	.2322862	2.741299
Stddev	.060682	.28767	.0005392	.0000609	.022171	.0032841	.007050
%RSD	.9754009	1.072032	.2786531	7.075893	1.518045	1.413835	.2571668

#1	6.151313	26.50361	.1931350	.0009272	1.434921	.2284976	2.749353
#2	6.252945	27.03054	.1941152	.0008069	1.474357	.2343225	2.738294
#3	6.259577	26.96711	.1932358	.0008502	1.472197	.2340386	2.736250

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.74930	1.271009	-.350135	.0034615	2.430076	4.821344	.0079281
Stddev	.14751	.004578	.002278	.0000816	.009602	.068145	.0022732
%RSD	.7867379	.3602117	.6506355	2.358245	.3951125	1.413399	28.67281

#1	18.58061	1.265729	-.347767	.0034071	2.420739	4.748456	.0055823
#2	18.81319	1.273421	-.352311	.0035553	2.439922	4.883463	.0101210
#3	18.85408	1.273877	-.350327	.0034220	2.429567	4.832113	.0080811

Sample Name: I4776-01 Acquired: 8/15/2017 17:32:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGM8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8030671	.0077390	.0391044
Stddev	.0028413	.0000376	.0002800
%RSD	.3538097	.4857147	.7160448

#1	.8010510	.0077240	.0387811
#2	.8018336	.0077818	.0392631
#3	.8063167	.0077112	.0392689

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1151.610	2062.501	42669.95	10250.69	2829.526
Stddev	8.926	4.929	86.60	69.57	5.463
%RSD	.7750494	.2389646	.2029427	.6786539	.1930539

#1	1142.152	2067.728	42570.11	10330.72	2835.763
#2	1152.794	2057.937	42724.70	10204.71	2827.221
#3	1159.885	2061.839	42715.04	10216.63	2825.594

Sample Name: I4776-02 Acquired: 8/15/2017 17:36:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGM9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0494612	-.018343	2.010613	-.006408	.0016584	82.91285	2.099810
Stddev	.0028083	.001361	.011248	.003026	.0008625	.22894	.004119
%RSD	5.677832	7.420216	.5594339	47.21813	52.00948	.2761245	.1961642

#1	.0523062	-.016830	2.023570	-.005278	.0014727	82.89671	2.099231
#2	.0493863	-.019469	2.003348	-.004109	.0009038	83.14943	2.104187
#3	.0466910	-.018729	2.004923	-.009835	.0025986	82.69240	2.096010

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080691	.0308494	215.9838	.1341287	.0851965	.3951400	187.7257
Stddev	.0001670	.0001600	1.4408	.0004926	.0009564	.0021929	1.1113
%RSD	2.069383	.5184970	.6670820	.3672397	1.122518	.5549614	.5919925

#1	.0080593	.0310229	215.2419	.1336062	.0862767	.3974488	187.1735
#2	.0082407	.0307079	217.6443	.1341954	.0848550	.3930851	189.0050
#3	.0079072	.0308173	215.0651	.1345846	.0844578	.3948861	186.9986

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.048062	59.07530	.2116550	.0017606	2.418354	.2287482	3.653244
Stddev	.029885	.21706	.0022800	.0004135	.088104	.0019547	.034388
%RSD	.5920060	.3674290	1.077209	23.48635	3.643124	.8545249	.9412907

#1	5.035100	58.89039	.2137866	.0016921	2.480475	.2288076	3.679637
#2	5.082240	59.31428	.2119274	.0022041	2.457063	.2306724	3.665738
#3	5.026846	59.02121	.2092511	.0013856	2.317522	.2267644	3.614356

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.56880	1.652781	-.304393	.0117553	3.833064	4.242319	.0406878
Stddev	.05047	.016573	.003122	.0001494	.037912	.018622	.0015875
%RSD	.2872841	1.002711	1.025788	1.271275	.9890747	.4389685	3.901753

#1	17.62693	1.671902	-.300905	.0117622	3.873747	4.236146	.0409720
#2	17.54338	1.643894	-.306929	.0116025	3.826723	4.227568	.0421141
#3	17.53609	1.642548	-.305344	.0119011	3.798723	4.263245	.0389774

Sample Name: I4776-02 Acquired: 8/15/2017 17:36:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGM9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.030452	.0101773	.0705230
Stddev	.006285	.0000235	.0001576
%RSD	.6099199	.2312788	.2234616

#1	1.027808	.0102028	.0705371
#2	1.037627	.0101725	.0706731
#3	1.025921	.0101565	.0703589

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1097.676	1958.127	40789.32	9876.862	2615.381
Stddev	10.741	13.814	113.72	38.355	21.755
%RSD	.9784960	.7054750	.2788047	.3883335	.8318248

#1	1086.148	1942.875	40745.89	9899.217	2590.799
#2	1099.478	1969.798	40703.72	9832.574	2632.153
#3	1107.402	1961.709	40918.36	9898.795	2623.193

Sample Name: I4776-03 Acquired: 8/15/2017 17:40:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGN0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0639589	-.013828	.9548450	-.001900	.0031723	65.15823	1.983165
Stddev	.0040695	.004645	.0026539	.003482	.0015106	.54066	.016087
%RSD	6.362710	33.59233	.2779411	183.2474	47.61837	.8297712	.8111799

#1	.0686540	-.011667	.9568976	-.002992	.0030106	64.80641	1.974202
#2	.0614435	-.010658	.9557893	-.004706	.0017491	65.78077	2.001736
#3	.0617792	-.019161	.9518481	.001997	.0047573	64.88749	1.973555

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065143	.0312898	125.7421	.1054032	.0750746	.3301476	138.5898
Stddev	.0001201	.0000785	.8701	.0036940	.0003786	.0018865	1.0500
%RSD	1.843209	.2510454	.6919912	3.504667	.5043033	.5714240	.7576631

#1	.0064041	.0313602	124.8499	.1071128	.0754044	.3283714	137.6165
#2	.0064965	.0312050	126.5883	.1011641	.0751582	.3321279	139.7026
#3	.0066422	.0313041	125.7881	.1079328	.0746611	.3299434	138.4502

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.724529	55.47124	.1749836	.0012863	1.481918	.1907129	2.913542
Stddev	.030239	.49341	.0009699	.0001565	.045075	.0016500	.088241
%RSD	.6400340	.8894933	.5542874	12.16668	3.041668	.8652031	3.028634

#1	4.693305	55.01495	.1756300	.0013714	1.481658	.1888076	2.941374
#2	4.753675	55.99486	.1754525	.0013817	1.527123	.1916513	2.814742
#3	4.726607	55.40390	.1738683	.0011056	1.436974	.1916797	2.984512

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.00680	1.450705	-.296493	.0080056	2.742605	3.919238	.0159322
Stddev	.16423	.008019	.002736	.0002711	.014551	.063544	.0021591
%RSD	1.094402	.5527825	.9228664	3.386251	.5305622	1.621328	13.55213

#1	14.87807	1.451970	-.293550	.0080743	2.736898	3.854686	.0143886
#2	15.19177	1.458016	-.296967	.0082357	2.759145	3.981723	.0183996
#3	14.95057	1.442128	-.298960	.0077068	2.731772	3.921305	.0150085

Sample Name: I4776-03 Acquired: 8/15/2017 17:40:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGN0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8198180	.0082486	.0467663
Stddev	.0070716	.0000877	.0003261
%RSD	.8625804	1.063679	.6972115

#1	.8157072	.0081891	.0465665
#2	.8279835	.0083494	.0471425
#3	.8157633	.0082075	.0465898

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1124.427	1991.056	41924.72	9869.953	2745.709
Stddev	30.694	1.907	1071.78	49.626	7.578
%RSD	2.729710	.0957636	2.556437	.5027956	.2760050

#1	1107.286	1988.971	41396.38	9893.567	2736.996
#2	1159.863	1991.486	43158.10	9812.930	2750.765
#3	1106.133	1992.712	41219.70	9903.362	2749.367

Sample Name: I4776-04 Acquired: 8/15/2017 17:44:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGN1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0675187	-.019107	.3471362	-.001789	.0034843	83.34965	1.798801
Stddev	.0025836	.001474	.0027976	.001890	.0013931	.06218	.002290
%RSD	3.826503	7.716639	.8059181	105.6409	39.98083	.0746027	.1273012

#1	.0694994	-.018250	.3469607	-.003124	.0041776	83.42144	1.800921
#2	.0645963	-.020810	.3444305	-.002618	.0043946	83.31259	1.799108
#3	.0684602	-.018261	.3500175	.000374	.0018806	83.31492	1.796373

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075483	.0329069	126.2841	.1175957	.1030224	.2461592	169.1431
Stddev	.0001109	.0005509	.2840	.0007122	.0004987	.0004771	.2227
%RSD	1.468572	1.674190	.2249048	.6056725	.4840606	.1938164	.1316828

#1	.0074203	.0329944	126.0563	.1168143	.1026638	.2458201	168.9035
#2	.0076137	.0323175	126.1935	.1177642	.1028114	.2467048	169.1820
#3	.0076108	.0334089	126.6023	.1182086	.1035918	.2459527	169.3438

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.952860	75.96024	.2179872	.0014357	1.249767	.2302770	1.825908
Stddev	.016075	.05623	.0013703	.0001117	.167336	.0015996	.026890
%RSD	.2312010	.0740259	.6286203	7.779036	13.38938	.6946495	1.472690

#1	6.937182	75.91661	.2169317	.0014151	1.442142	.2291820	1.818830
#2	6.952093	75.94041	.2174940	.0013358	1.169241	.2295361	1.803266
#3	6.969305	76.02370	.2195358	.0015563	1.137918	.2321127	1.855629

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.34524	1.241979	-.412884	.0015767	3.443614	3.279486	.0102957
Stddev	.01037	.006187	.001434	.0002204	.012713	.041589	.0005638
%RSD	.0565386	.4981763	.3473317	13.97608	.3691729	1.268159	5.475989

#1	18.33943	1.239402	-.412091	.0015405	3.439735	3.253227	.0101972
#2	18.35721	1.237497	-.412022	.0013766	3.433292	3.257794	.0097876
#3	18.33907	1.249038	-.414540	.0018129	3.457814	3.327436	.0109022

Sample Name: I4776-04 Acquired: 8/15/2017 17:44:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METGN1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5378554	.0108815	.0449158
Stddev	.0025710	.0000410	.0000469
%RSD	.4780121	.3766480	.1043823

#1	.5350829	.0109288	.0449401
#2	.5383224	.0108593	.0448617
#3	.5401609	.0108564	.0449455

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1146.511	2036.585	42485.14	10249.41	2684.420
Stddev	11.794	10.345	225.83	24.22	8.365
%RSD	1.028670	.5079415	.5315424	.2363235	.3116194

#1	1149.731	2033.429	42584.47	10262.19	2681.923
#2	1156.359	2048.140	42644.28	10221.47	2693.749
#3	1133.441	2028.186	42226.68	10264.56	2677.588

Sample Name: I4776-05 Acquired: 8/15/2017 17:48:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGN2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0724964	-.017181	.5093024	-.006435	.0035259	96.75855	2.415232
Stddev	.0023810	.002631	.0005587	.004165	.0022288	.32802	.010035
%RSD	3.284252	15.31290	.1096946	64.72648	63.21165	.3390076	.4154940

#1	.0752454	-.018757	.5099328	-.007069	.0020308	96.98531	2.425655
#2	.0711573	-.018641	.5091059	-.001989	.0060876	96.90790	2.414405
#3	.0710865	-.014143	.5088685	-.010246	.0024593	96.38243	2.405636

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085901	.0656657	66.20631	.1308849	.1153527	.2609682	174.6889
Stddev	.0000821	.0003742	.20880	.0001703	.0005808	.0010266	.7559
%RSD	.9556737	.5698301	.3153789	.1301007	.5034966	.3933668	.4326960

#1	.0085763	.0657369	66.03399	.1306972	.1155294	.2603720	174.5850
#2	.0086781	.0652610	66.43851	.1309278	.1147041	.2621535	175.4913
#3	.0085157	.0659991	66.14644	.1310296	.1158246	.2603789	173.9903

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.442400	43.72226	.2218440	.0017673	1.510872	.2488083	2.666932
Stddev	.035481	.24605	.0013902	.0001415	.022211	.0008198	.031885
%RSD	.4202719	.5627566	.6266714	8.006838	1.470059	.3294992	1.195557

#1	8.431789	43.78068	.2232639	.0018710	1.532687	.2489391	2.630710
#2	8.481975	43.93384	.2217826	.0018248	1.511643	.2495549	2.690754
#3	8.413434	43.45226	.2204855	.0016061	1.488286	.2479310	2.679331

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.88673	1.259135	-.419387	.0008100	2.487901	4.468992	.0138227
Stddev	.10502	.005229	.003836	.0001665	.013223	.046354	.0008475
%RSD	.5027892	.4153030	.9146146	20.55067	.5314938	1.037241	6.131035

#1	20.90976	1.262452	-.418075	.0009455	2.495033	4.456735	.0131283
#2	20.97832	1.253107	-.423707	.0006242	2.472643	4.520243	.0147671
#3	20.77211	1.261847	-.416380	.0008602	2.496027	4.429997	.0135729

Sample Name: I4776-05 Acquired: 8/15/2017 17:48:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGN2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5554385	.0116965	.0553471
Stddev	.0032915	.0000623	.0001363
%RSD	.5925880	.5322692	.2462367

#1	.5559509	.0117669	.0554674
#2	.5584438	.0116741	.0553748
#3	.5519209	.0116486	.0551991

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1164.897	2088.577	43178.40	10358.16	2774.686
Stddev	4.020	11.673	141.27	78.14	12.138
%RSD	.3450652	.5589202	.3271671	.7544042	.4374480

#1	1165.729	2075.869	43301.27	10323.19	2760.838
#2	1160.527	2091.038	43024.05	10303.60	2779.737
#3	1168.436	2098.824	43209.87	10447.68	2783.482

Sample Name: I4776-06 Acquired: 8/15/2017 17:52:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGN3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0721802	-.012828	.4621831	-.000951	.0035163	87.86293	2.384652
Stddev	.0022570	.003154	.0024114	.000705	.0009369	.34281	.003896
%RSD	3.126889	24.58448	.5217512	74.18364	26.64532	.3901677	.1633584

#1	.0727593	-.013576	.4639578	-.000408	.0045631	88.11439	2.386481
#2	.0696901	-.015541	.4631540	-.000696	.0032292	88.00197	2.387297
#3	.0740913	-.009368	.4594375	-.001748	.0027565	87.47245	2.380179

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080324	.0808211	56.32730	.1247264	.1094283	.2457300	155.6225
Stddev	.0001142	.0001498	.23128	.0010088	.0002971	.0017070	.7095
%RSD	1.422032	.1853301	.4105930	.8087847	.2714856	.6946457	.4559310

#1	.0080885	.0806546	56.56882	.1235822	.1090956	.2476399	156.3530
#2	.0081076	.0808637	56.30522	.1251092	.1096672	.2443534	155.5785
#3	.0079009	.0809450	56.10785	.1254877	.1095219	.2451965	154.9360

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.907525	37.43406	.2119168	.0011092	1.162186	.2441456	2.763971
Stddev	.044269	.20544	.0008563	.0001705	.082089	.0012644	.015131
%RSD	.4969896	.5488041	.4040608	15.36740	7.063297	.5179038	.5474282

#1	8.955109	37.65966	.2128440	.0012238	1.236412	.2455274	2.781291
#2	8.899905	37.38477	.2111558	.0009133	1.176125	.2430463	2.757301
#3	8.867559	37.25774	.2117507	.0011905	1.074019	.2438631	2.753322

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.95357	.7110235	-.373584	.0009711	2.786867	5.964445	.0112632
Stddev	.06174	.0015574	.001635	.0003197	.013732	.057362	.0003534
%RSD	.3257569	.2190336	.4377481	32.91695	.4927254	.9617361	3.138018

#1	19.01848	.7128152	-.371787	.0012955	2.793743	6.014495	.0109045
#2	18.89557	.7102607	-.373983	.0006564	2.771055	5.976992	.0116111
#3	18.94665	.7099945	-.374984	.0009615	2.795802	5.901848	.0112738

Sample Name: I4776-06 Acquired: 8/15/2017 17:52:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGN3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6910487	.0100931	.0484880
Stddev	.0068218	.0000358	.0000856
%RSD	.9871642	.3545852	.1764840

#1	.6987292	.0101174	.0484493
#2	.6887231	.0100520	.0485860
#3	.6856938	.0101099	.0484286

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1167.443	2086.449	43289.91	10296.18	2819.423
Stddev	6.611	4.579	104.20	61.59	8.325
%RSD	.5662587	.2194536	.2407033	.5981904	.2952826

#1	1160.224	2081.894	43170.27	10248.87	2813.469
#2	1168.903	2086.403	43338.70	10273.86	2815.864
#3	1173.201	2091.051	43360.77	10365.82	2828.936

Sample Name: I4776-07 Acquired: 8/15/2017 17:56:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGN4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0634724	-.016684	.2543686	-.002741	.0019993	97.56077	2.083605
Stddev	.0035069	.002402	.0033953	.002370	.0005700	.22244	.006376
%RSD	5.525142	14.39482	1.334794	86.47903	28.51137	.2280054	.3059996

#1	.0668665	-.015208	.2547785	-.005318	.0023759	97.76134	2.090718
#2	.0598626	-.015388	.2575403	-.002252	.0022786	97.59944	2.081694
#3	.0636882	-.019455	.2507869	-.000653	.0013435	97.32152	2.078404

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084574	.0318110	65.41804	.1302122	.1154030	.2281834	173.0461
Stddev	.0000793	.0001693	.08920	.0005435	.0006306	.0005396	.0688
%RSD	.9377707	.5320684	.1363570	.4173751	.5464098	.2364594	.0397824

#1	.0085345	.0318613	65.33698	.1296185	.1156755	.2288053	173.0346
#2	.0083761	.0319494	65.51360	.1303327	.1158515	.2279054	173.1200
#3	.0084617	.0316223	65.40352	.1306853	.1146820	.2278395	172.9837

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.120698	45.23825	.2435746	.0010716	1.300412	.2614426	1.778956
Stddev	.009550	.09800	.0015457	.0004763	.066891	.0013158	.012172
%RSD	.1176006	.2166388	.6345699	44.44975	5.143859	.5032898	.6841935

#1	8.131722	45.34885	.2445094	.0012921	1.374839	.2620409	1.790622
#2	8.115405	45.20366	.2444238	.0013976	1.281082	.2623529	1.779913
#3	8.114966	45.16222	.2417905	.0005250	1.245314	.2599339	1.766335

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.28998	.6650668	-.421665	.0001581	1.462438	3.443441	.0088725
Stddev	.03572	.0045285	.001721	.0007189	.017809	.061793	.0020789
%RSD	.1952900	.6809063	.4081453	454.7551	1.217785	1.794512	23.43066

#1	18.32127	.6655169	-.421111	-.000609	1.479909	3.452240	.0072226
#2	18.29760	.6693534	-.423595	.000268	1.463097	3.377720	.0112075
#3	18.25106	.6603301	-.420289	.000816	1.444309	3.500363	.0081875

Sample Name: I4776-07 Acquired: 8/15/2017 17:56:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METGN4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5806219	.0113356	.0582518
Stddev	.0053786	.0000207	.0000486
%RSD	.9263503	.1824227	.0834523

#1	.5858954	.0113398	.0583080
#2	.5808261	.0113539	.0582243
#3	.5751441	.0113131	.0582233

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1174.392	2101.930	43161.24	10264.06	2801.213
Stddev	10.383	5.711	102.29	22.96	18.722
%RSD	.8841203	.2717018	.2369927	.2237354	.6683560

#1	1168.156	2100.250	43044.73	10272.58	2796.697
#2	1168.641	2097.247	43202.73	10238.05	2785.163
#3	1186.378	2108.292	43236.27	10281.54	2821.781

Sample Name: I4776-08 Acquired: 8/15/2017 18:00:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGN5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0655289	-.017651	.4790632	-.004382	.0041221	91.84282	2.118006
Stddev	.0018292	.000934	.0016303	.001611	.0016304	.11634	.002623
%RSD	2.791457	5.290190	.3403062	36.77570	39.55227	.1266690	.1238525

#1	.0652718	-.018729	.4806123	-.006242	.0038133	91.82008	2.116362
#2	.0674730	-.017112	.4792150	-.003451	.0058848	91.96886	2.121031
#3	.0638418	-.017112	.4773623	-.003452	.0026682	91.73954	2.116624

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087435	.0553723	208.7599	.1218764	.0960502	.2566925	165.4337
Stddev	.0000321	.0001649	.2977	.0006510	.0003080	.0003230	.2927
%RSD	.3675202	.2977578	.1426196	.5341354	.3206616	.1258316	.1768987

#1	.0087261	.0555280	208.9394	.1211338	.0961575	.2563228	165.5486
#2	.0087238	.0551996	208.4162	.1223487	.0957030	.2568345	165.1010
#3	.0087805	.0553893	208.9240	.1221467	.0962903	.2569201	165.6514

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.735286	64.06536	.2027293	.0017892	1.697382	.2356261	2.902333
Stddev	.008681	.06388	.0005736	.0003881	.059960	.0034561	.016331
%RSD	.1122285	.0997041	.2829427	21.69346	3.532487	1.466767	.5626773

#1	7.740915	64.13903	.2031486	.0014964	1.635254	.2337910	2.908316
#2	7.725289	64.02551	.2020756	.0016418	1.754909	.2396126	2.914828
#3	7.739656	64.03153	.2029638	.0022295	1.701983	.2334746	2.883854

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.34516	1.199477	-.384539	.0019350	3.900221	3.661954	.0129545
Stddev	.00500	.005629	.002104	.0001146	.025897	.060242	.0036806
%RSD	.0234203	.4692567	.5470730	5.923716	.6639984	1.645079	28.41160

#1	21.35054	1.205497	-.386690	.0019642	3.929058	3.731331	.0092464
#2	21.34065	1.194345	-.384439	.0018085	3.892661	3.622879	.0130102
#3	21.34429	1.198589	-.382486	.0020321	3.878946	3.631651	.0166070

Sample Name: I4776-08 Acquired: 8/15/2017 18:00:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METGN5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6171553	.0112607	.0531633
Stddev	.0013513	.0000700	.0000853
%RSD	.2189480	.6216624	.1605099

#1	.6187101	.0112749	.0532358
#2	.6162656	.0113225	.0531848
#3	.6164900	.0111847	.0530693

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1120.949	2018.021	41642.15	10048.42	2648.725
Stddev	8.195	9.235	28.30	53.34	15.022
%RSD	.7310860	.4576241	.0679641	.5307829	.5671502

#1	1114.805	2012.730	41614.81	9997.07	2633.363
#2	1117.789	2012.648	41671.32	10044.64	2649.430
#3	1130.254	2028.684	41640.30	10103.54	2663.383

Sample Name: I4776-09 Acquired: 8/15/2017 18:04:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGN6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0647995	-.017847	.5119590	-.003125	.0028882	87.37942	2.116214
Stddev	.0049933	.000873	.0011231	.000831	.0034652	.17027	.002260
%RSD	7.705706	4.891346	.2193718	26.59552	119.9774	.1948641	.1067990

#1	.0663784	-.017110	.5130616	-.003829	-.000863	87.51976	2.117233
#2	.0688123	-.017620	.5119987	-.002208	.003557	87.42851	2.117785
#3	.0592076	-.018811	.5108165	-.003339	.005970	87.19000	2.113624

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078656	.0609821	184.6155	.1222484	.1013822	.2572028	160.8149
Stddev	.0001285	.0000464	.2265	.0004159	.0006239	.0006773	.1262
%RSD	1.633032	.0761506	.1226802	.3401777	.6153986	.2633538	.0784851

#1	.0080138	.0609803	184.4816	.1223352	.1012592	.2573056	160.7036
#2	.0077968	.0610294	184.4879	.1226140	.1008290	.2564799	160.7891
#3	.0077862	.0609366	184.8770	.1217960	.1020585	.2578228	160.9520

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.115792	47.47937	.2150671	.0016388	1.242957	.2330409	3.039973
Stddev	.006904	.06853	.0007543	.0001353	.017845	.0004730	.013751
%RSD	.0850739	.1443287	.3507074	8.256379	1.435710	.2029885	.4523418

#1	8.107836	47.40574	.2158032	.0016947	1.260820	.2329896	3.036580
#2	8.119331	47.54128	.2151022	.0017373	1.242920	.2325957	3.028236
#3	8.120209	47.49109	.2142959	.0014846	1.225130	.2335376	3.055103

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.91468	1.219868	-.381714	.0016002	3.195652	3.933958	.0169555
Stddev	.03863	.004282	.003421	.0003431	.013103	.039657	.0011796
%RSD	.1847142	.3510311	.8961577	21.44070	.4100342	1.008066	6.957179

#1	20.93325	1.219000	-.385207	.0015844	3.197982	3.928624	.0175501
#2	20.94053	1.224518	-.381564	.0019509	3.207435	3.976012	.0155969
#3	20.87027	1.216087	-.378371	.0012652	3.181541	3.897238	.0177195

Sample Name: I4776-09 Acquired: 8/15/2017 18:04:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METGN6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5660410	.0108068	.0524607
Stddev	.0020161	.0000403	.0001393
%RSD	.3561675	.3730517	.2654867

#1	.5680668	.0108216	.0526140
#2	.5640348	.0108375	.0524262
#3	.5660213	.0107611	.0523420

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1137.996	2031.174	41959.65	10118.66	2690.068
Stddev	2.829	12.232	55.40	43.87	9.370
%RSD	.2485886	.6021899	.1320213	.4335222	.3483268

#1	1136.411	2018.825	41896.62	10071.33	2685.218
#2	1141.262	2031.411	42000.60	10126.71	2684.117
#3	1136.315	2043.285	41981.72	10157.95	2700.869

Sample Name: I4776-10 Acquired: 8/15/2017 18:09:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGN7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0761718	-.016504	.4133580	-.004525	.0019129	94.95184	2.387488
Stddev	.0055233	.003134	.0024812	.002604	.0002608	.24225	.008745
%RSD	7.251178	18.98877	.6002440	57.54932	13.63196	.2551305	.3662766

#1	.0809712	-.013694	.4154000	-.006310	.0021998	95.08934	2.397209
#2	.0701346	-.015935	.4140774	-.001537	.0018485	95.09406	2.384994
#3	.0774097	-.019884	.4105967	-.005729	.0016903	94.67213	2.380262

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083540	.0552503	64.98540	.1306726	.1112796	.2531389	175.4064
Stddev	.0001030	.0002818	.40773	.0008449	.0000468	.0006273	.8415
%RSD	1.233423	.5100349	.6274116	.6465563	.0420704	.2478107	.4797220

#1	.0084114	.0550655	64.71125	.1297346	.1113174	.2531158	175.0203
#2	.0082351	.0555746	65.45395	.1313737	.1112272	.2525235	176.3716
#3	.0084156	.0551107	64.79101	.1309096	.1112941	.2537775	174.8273

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.454914	43.05080	.2199561	.0012486	1.450715	.2605500	2.456083
Stddev	.042750	.18699	.0009501	.0001638	.065257	.0007276	.008659
%RSD	.5056229	.4343465	.4319304	13.11695	4.498245	.2792382	.3525586

#1	8.428894	43.14249	.2191110	.0010620	1.398980	.2609259	2.450637
#2	8.504252	43.17424	.2209844	.0013155	1.524028	.2597114	2.451544
#3	8.431594	42.83566	.2197729	.0013683	1.429138	.2610127	2.466068

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.87372	1.023264	-.427729	.0012383	1.598710	3.261027	.0124837
Stddev	.08181	.001012	.001155	.0002238	.007387	.028782	.0003670
%RSD	.3919054	.0988810	.2701246	18.07362	.4620892	.8826114	2.939479

#1	20.94656	1.023057	-.427500	.0014965	1.592707	3.234841	.0125722
#2	20.88939	1.022371	-.428982	.0011001	1.606960	3.291844	.0127982
#3	20.78521	1.024363	-.426706	.0011183	1.596462	3.256397	.0120805

Sample Name: I4776-10 Acquired: 8/15/2017 18:09:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METGN7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5818950	.0110628	.0519297
Stddev	.0029944	.0000595	.0002028
%RSD	.5145893	.5378334	.3904830

#1	.5792057	.0111209	.0521127
#2	.5851216	.0110654	.0519648
#3	.5813576	.0110020	.0517117

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1171.035	2106.505	43239.86	10344.27	2805.319
Stddev	5.215	7.070	165.24	34.23	4.106
%RSD	.4452945	.3356265	.3821515	.3309008	.1463578

#1	1175.211	2099.177	43389.34	10352.05	2804.895
#2	1172.704	2107.052	43267.81	10306.82	2801.442
#3	1165.190	2113.285	43062.42	10373.94	2809.621

Sample Name: I4776-11 Acquired: 8/15/2017 18:13:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGN8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0767942	-.013221	.4030148	-.003190	.0019223	96.73511	2.611885
Stddev	.0030617	.001768	.0016613	.000343	.0019910	.13160	.000945
%RSD	3.986840	13.36852	.4122103	10.75855	103.5699	.1360392	.0361848

#1	.0786292	-.014942	.4020303	-.003319	.0013825	96.58557	2.610800
#2	.0732597	-.011410	.4049328	-.003450	.0002569	96.83328	2.612330
#3	.0784936	-.013312	.4020812	-.002801	.0041275	96.78646	2.612526

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082814	.0580104	49.39451	.1336581	.1093324	.2436408	168.6727
Stddev	.0000437	.0001049	.12553	.0002305	.0009260	.0020486	.3366
%RSD	.5273826	.1808095	.2541448	.1724578	.8469472	.8408421	.1995361

#1	.0082822	.0580102	49.29550	.1338205	.1103375	.2448885	168.5193
#2	.0083246	.0581153	49.53570	.1337596	.1091457	.2447575	169.0587
#3	.0082373	.0579055	49.35232	.1333943	.1085140	.2412765	168.4402

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.263783	37.08454	.2119292	.0013005	1.193586	.2619027	2.345183
Stddev	.024131	.13923	.0008201	.0001925	.035445	.0028417	.016397
%RSD	.2920106	.3754516	.3869847	14.80519	2.969614	1.085035	.6991879

#1	8.240725	36.92672	.2115225	.0014077	1.158867	.2587151	2.356488
#2	8.288860	37.13688	.2128732	.0014157	1.229714	.2641710	2.352684
#3	8.261763	37.19002	.2113919	.0010783	1.192178	.2628221	2.326377

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.07943	.7660563	-.408345	.0011552	1.472694	4.394266	.0108887
Stddev	.04777	.0006729	.000935	.0006066	.005272	.006746	.0029142
%RSD	.2163594	.0878361	.2288869	52.50624	.3580082	.1535219	26.76315

#1	22.10419	.7659432	-.408497	.0006126	1.467738	4.395821	.0080206
#2	22.02436	.7667786	-.409194	.0010431	1.472109	4.400100	.0107987
#3	22.10973	.7654472	-.407343	.0018100	1.478234	4.386879	.0138468

Sample Name: I4776-11 Acquired: 8/15/2017 18:13:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGN8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6772742	.0108880	.0539170
Stddev	.0070906	.0000421	.0000548
%RSD	1.046936	.3862852	.1016089

#1	.6744115	.0108431	.0538925
#2	.6853486	.0108945	.0538788
#3	.6720624	.0109264	.0539798

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1183.479	2113.777	43491.81	10341.34	2823.488
Stddev	4.563	9.697	129.82	24.31	10.413
%RSD	.3855572	.4587605	.2984927	.2350328	.3688011

#1	1178.286	2102.670	43354.84	10313.85	2811.922
#2	1185.304	2120.557	43507.53	10359.97	2826.421
#3	1186.847	2118.104	43613.05	10350.21	2832.119

Sample Name: CCV016 Acquired: 8/15/2017 18:17:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV016 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.919140	4.760731	24.32570	4.919542	4.878201	403.2541
Stddev	.054623	.048756	.27562	.039839	.054580	3.7552
%RSD	1.110412	1.024138	1.133021	.8098122	1.118858	.9312156

#1	4.910520	4.741314	24.23428	4.893435	4.871588	405.5314
#2	4.869340	4.724674	24.10741	4.899794	4.827229	405.3111
#3	4.977561	4.816204	24.63541	4.965397	4.935787	398.9199

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.916131	.5119253	2.507952	413.0976	15.04409	2.509483
Stddev	.125701	.0021729	.029002	2.0863	.14321	.029485
%RSD	1.267641	.4244613	1.156400	.5050448	.9519029	1.174929

#1	10.02991	.5133324	2.503881	414.6740	14.99901	2.505040
#2	9.93730	.5130208	2.481200	413.8871	15.20441	2.482472
#3	9.78119	.5094227	2.538774	410.7318	14.92885	2.540937

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.92102	408.5744	14.87585	412.3531	2.394893	1.318049
Stddev	.03158	1.5876	.05956	1.6246	.029516	.017769
%RSD	.2116321	.3885636	.4003667	.3939847	1.232471	1.348156

#1	14.95744	409.8730	14.91447	413.8349	2.382520	1.311117
#2	14.90119	409.0456	14.90582	412.6084	2.373578	1.338240
#3	14.90444	406.8045	14.80726	410.6159	2.428583	1.304790

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	411.3597	2.465226	14.02282	151.1951	F 6.396494	F 4.268245
Stddev	2.1724	.010412	.13244	.4164	.050521	.030325
%RSD	.5281107	.4223496	.9444858	.2754163	.7898181	.7104721

#1	413.5040	2.474910	14.02138	151.6608	6.378387	4.288888
#2	411.4150	2.466555	14.15597	150.8586	6.357522	4.282420
#3	409.1602	2.454214	13.89110	151.0659	6.453573	4.233429

Sample Name: CCV016 Acquired: 8/15/2017 18:17:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV016 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.863548	5.257088	4.945531	4.910880	4.932788	6.040567
Stddev	.048934	.056536	.034217	.054512	.013230	.030317
%RSD	1.006138	1.075425	.6918705	1.110026	.2681957	.5018963

#1	4.848114	5.248442	4.970101	4.896905	4.941878	6.052493
#2	4.824192	5.205373	4.960042	4.864716	4.938875	6.006100
#3	4.918338	5.317449	4.906450	4.971019	4.917610	6.063108

Elem	Sr4077
Units	ppm
Avg	7.038300
Stddev	.043830
%RSD	.6227342

#1	7.036516
#2	7.082995
#3	6.995390

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	866.3114	1566.023	32818.11	8233.697	2100.552
Stddev	10.6956	13.543	355.63	53.352	19.459
%RSD	1.234612	.8648326	1.083649	.6479714	.9263517

#1	866.2887	1572.879	32935.46	8192.270	2109.121
#2	855.6272	1574.768	32418.63	8214.924	2114.256
#3	877.0183	1550.423	33100.24	8293.898	2078.280

Sample Name: CCB016 Acquired: 8/15/2017 18:21:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB016 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000026	.0009041	-.002727	.0014723	-.001263	.0011413	-.002806
Stddev	.000448	.0010046	.000949	.0042258	.001047	.0027337	.000229
%RSD	1737.819	111.1241	34.80030	287.0215	82.85036	239.5312	8.150898

#1	-.000537	-.000064	-.003815	.0003532	-.000340	-.000556	-.002644
#2	.000300	.001941	-.002070	-.002081	-.002400	-.000315	-.002705
#3	.000159	.000835	-.002296	.006145	-.001050	.004295	-.003067

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000048	.0000154	.0140077	-.000859	.0000030	.0008433	.0038433
Stddev	.000036	.0000441	.0011940	.000250	.0000989	.0005408	.0041519
%RSD	75.44861	285.4249	8.524050	29.13743	3333.624	64.13761	108.0315

#1	-.000048	.0000050	.0129439	-.000647	.0000721	.0014349	.0047002
#2	-.000084	-.000022	.0137799	-.001135	.0000471	.0003743	.0074999
#3	-.000012	.000064	.0152992	-.000795	-.000110	.0007206	-.000670

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004528	.0064398	.0001780	.0001555	-.118986	-.001039	.0010695
Stddev	.0001488	.0187816	.0002055	.0002605	.046305	.000485	.0020311
%RSD	32.86205	291.6491	115.4396	167.5739	38.91642	46.69357	189.9018

#1	.0002836	-.012016	.0000228	.0003661	-.143249	-.001446	.0033787
#2	.0005111	.005805	.0004110	-.000136	-.148118	-.000502	.0002699
#3	.0005636	.025531	.0001001	.000236	-.065592	-.001170	-.000440

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2694039	-.000202	.0046768	.0007623	.0053041	.0005458	.0008356
Stddev	.0228424	.000142	.0007646	.0000608	.0048676	.0002734	.0004970
%RSD	8.478874	70.14850	16.34943	7.974568	91.77071	50.09192	59.47544

#1	.2448435	-.000354	.0054175	.0007832	.0109199	.0006000	.0012067
#2	.2900128	-.000072	.0047228	.0006938	.0022944	.0007882	.0010290
#3	.2733553	-.000181	.0038903	.0008099	.0026980	.0002494	.0002710

Sample Name: CCB016 Acquired: 8/15/2017 18:21:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB016 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008288	.0007279	.0001471
Stddev	.0002903	.0000506	.0000130
%RSD	35.03030	6.956224	8.813907

#1	.0004939	.0007532	.0001606
#2	.0009847	.0007608	.0001460
#3	.0010079	.0006696	.0001348

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1097.342	1949.071	39870.46	8865.859	3374.105
Stddev	3.022	41.957	152.25	30.327	68.160
%RSD	.2753902	2.152685	.3818554	.3420704	2.020076

#1	1094.893	1907.306	39785.57	8871.982	3304.269
#2	1096.414	1948.690	39779.58	8832.937	3377.594
#3	1100.719	1991.218	40046.22	8892.658	3440.454

Sample Name: I4776-12 Acquired: 8/15/2017 18:26:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGN9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0710498	-.019905	.2393836	-.007341	.0025085	116.5525	2.380114
Stddev	.0023455	.002763	.0040053	.003274	.0013273	2.1130	.046964
%RSD	3.301256	13.87957	1.673181	44.59306	52.91126	1.812944	1.973166

#1	.0693756	-.021264	.2392752	-.009860	.0013228	116.0652	2.371512
#2	.0737306	-.016726	.2354336	-.003641	.0039423	118.8666	2.430784
#3	.0700432	-.021724	.2434420	-.008524	.0022603	114.7257	2.338046

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094004	.0189901	56.67279	.1425394	.1395984	.2476180	199.0979
Stddev	.0002842	.0006000	.83194	.0015406	.0024162	.0030527	2.8438
%RSD	3.022700	3.159460	1.467980	1.080853	1.730826	1.232813	1.428325

#1	.0095333	.0195879	56.36652	.1437984	.1405245	.2472369	198.3025
#2	.0095938	.0183880	57.61445	.1429982	.1368561	.2508433	202.2547
#3	.0090742	.0189945	56.03739	.1408214	.1414145	.2447738	196.7365

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.785626	41.73954	.2539030	.0015541	1.736052	.2835046	1.569844
Stddev	.119287	.65221	.0045750	.0001334	.041216	.0054777	.008015
%RSD	1.357755	1.562579	1.801889	8.581264	2.374142	1.932145	.5105518

#1	8.752207	41.50539	.2557880	.0016799	1.772064	.2820528	1.562679
#2	8.918059	42.47650	.2486866	.0015682	1.691099	.2895620	1.578500
#3	8.686613	41.23672	.2572344	.0014143	1.744994	.2788990	1.568352

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.66862	.6425837	-.481751	.0002355	1.573261	3.923626	.0107410
Stddev	.41911	.0133296	.007161	.0006098	.037616	.065315	.0008845
%RSD	1.934161	2.074379	1.486531	258.8870	2.390945	1.664667	8.234631

#1	21.57006	.6519297	-.480918	.0004348	1.589933	3.891069	.0101276
#2	22.12823	.6273198	-.489292	-.000449	1.530190	3.998821	.0103406
#3	21.30759	.6485016	-.475042	.000721	1.599658	3.880989	.0117549

Sample Name: I4776-12 Acquired: 8/15/2017 18:26:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGN9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5211719	.0135864	.0650666
Stddev	.0082868	.0002527	.0011404
%RSD	1.590028	1.860163	1.752657

#1	.5209689	.0135585	.0650020
#2	.5295584	.0138520	.0662379
#3	.5129885	.0133488	.0639598

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1180.084	2107.072	43413.66	10182.52	2779.800
Stddev	6.707	26.344	286.80	134.47	39.978
%RSD	.5683818	1.250250	.6606196	1.320604	1.438170

#1	1174.960	2085.359	43205.93	10207.59	2748.057
#2	1177.616	2136.378	43294.16	10037.28	2824.699
#3	1187.676	2099.480	43740.89	10302.69	2766.645

Sample Name: I4776-16 Acquired: 8/15/2017 18:30:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGP1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0773791	-.013662	.5723078	-.004547	.0047753	87.19124	1.826124
Stddev	.0021197	.003436	.0020276	.002856	.0023261	.84251	.016723
%RSD	2.739419	25.14876	.3542903	62.81047	48.71017	.9662747	.9157380

#1	.0793846	-.011774	.5708338	-.004280	.0024777	88.10613	1.843607
#2	.0751611	-.011584	.5746202	-.007528	.0047194	87.02025	1.824481
#3	.0775914	-.017627	.5714695	-.001834	.0071288	86.44736	1.810284

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076276	.0912858	62.28671	.1228942	.0926419	.2710191	156.6697
Stddev	.0000572	.0000750	.36899	.0006680	.0006826	.0031146	1.2500
%RSD	.7491993	.0821392	.5923994	.5435713	.7368607	1.149221	.7978302

#1	.0075817	.0913653	62.67705	.1228936	.0919176	.2743103	158.0950
#2	.0076096	.0912758	62.23944	.1235626	.0932733	.2706292	156.1538
#3	.0076916	.0912163	61.94363	.1222265	.0927347	.2681179	155.7602

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.217904	35.36425	.1976997	.0018748	1.243888	.2459739	3.534950
Stddev	.042402	.30873	.0011347	.0002753	.084421	.0024103	.014454
%RSD	.6819335	.8729914	.5739303	14.68442	6.786844	.9798968	.4088883

#1	6.266434	35.71077	.1964680	.0021860	1.151910	.2485791	3.523960
#2	6.199258	35.11850	.1987023	.0017754	1.261913	.2438233	3.551323
#3	6.188020	35.26349	.1979287	.0016630	1.317840	.2455193	3.529568

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.53802	.9537758	-.378244	.0014243	1.888713	2.986004	.0140712
Stddev	.13313	.0026655	.003720	.0002683	.008887	.016942	.0002382
%RSD	.6813823	.2794646	.9834177	18.83751	.4705402	.5673947	1.692518

#1	19.64780	.9567314	-.382406	.0011832	1.898514	2.999779	.0141834
#2	19.57633	.9530416	-.375245	.0017134	1.881179	2.967086	.0137976
#3	19.38994	.9515544	-.377079	.0013764	1.886447	2.991147	.0142325

Sample Name: I4776-16 Acquired: 8/15/2017 18:30:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGP1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6455862	.0104330	.0438383
Stddev	.0035042	.0000558	.0003397
%RSD	.5427890	.5349926	.7749616

#1	.6486743	.0104769	.0441864
#2	.6463065	.0104518	.0438207
#3	.6417779	.0103702	.0435077

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1181.510	2111.358	43351.60	10328.24	2826.548
Stddev	1.337	8.350	67.97	78.60	7.458
%RSD	.1131192	.3954744	.1567784	.7610519	.2638625

#1	1180.722	2102.086	43277.25	10237.73	2820.066
#2	1180.756	2113.702	43410.54	10379.42	2824.880
#3	1183.053	2118.285	43367.00	10367.56	2834.699

Sample Name: I4776-17 Acquired: 8/15/2017 18:34:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGP2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0804182	-.017628	.3665342	-.005624	.0040337	80.12613	1.772558
Stddev	.0045800	.001015	.0003943	.002638	.0016520	.16388	.004934
%RSD	5.695217	5.757879	.1075624	46.89887	40.95568	.2045272	.2783488

#1	.0753565	-.017382	.3668087	-.008312	.0056050	80.28545	1.777131
#2	.0816223	-.016758	.3660824	-.005521	.0023113	79.95804	1.767329
#3	.0842759	-.018743	.3667115	-.003039	.0041848	80.13490	1.773214

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091613	.0611348	135.8837	.1642925	.0857203	.2585253	183.7962
Stddev	.0000940	.0003143	.3075	.0002319	.0000794	.0029686	.3963
%RSD	1.025868	.5140977	.2263300	.1411697	.0926312	1.148267	.2156058

#1	.0090624	.0610845	136.0337	.1640652	.0856318	.2604353	183.8729
#2	.0091721	.0608487	135.5300	.1645288	.0857852	.2551053	183.3672
#3	.0092495	.0614712	136.0875	.1642835	.0857439	.2600353	184.1485

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.926073	48.88103	.1770994	.0016983	2.193647	.2324966	2.589213
Stddev	.021480	.06543	.0004038	.0001804	.037562	.0007743	.015308
%RSD	.3101279	.1338609	.2280362	10.62408	1.712293	.3330329	.5912367

#1	6.934386	48.92481	.1774854	.0018422	2.166976	.2332876	2.606882
#2	6.901679	48.80581	.1766798	.0014959	2.177361	.2317402	2.579939
#3	6.942153	48.91246	.1771329	.0017567	2.236603	.2324620	2.580817

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.67260	.9701533	-.436881	.0023523	2.466594	6.750066	.0125617
Stddev	.06557	.0017426	.001727	.0005533	.004747	.035540	.0012914
%RSD	.3710218	.1796237	.3953018	23.52417	.1924330	.5265090	10.28042

#1	17.70893	.9710971	-.436076	.0029323	2.468951	6.720516	.0111270
#2	17.59691	.9681424	-.438864	.0022944	2.469702	6.740179	.0136311
#3	17.71197	.9712205	-.435703	.0018301	2.461131	6.789502	.0129271

Sample Name: I4776-17 Acquired: 8/15/2017 18:34:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METGP2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8384267	.0100801	.0502773
Stddev	.0020220	.0001420	.0001834
%RSD	.2411702	1.409005	.3647012

#1	.8375409	.0101763	.0503906
#2	.8369988	.0099170	.0500658
#3	.8407405	.0101470	.0503757

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1136.018	2034.935	42066.64	10015.74	2738.435
Stddev	4.025	7.401	99.98	21.09	10.343
%RSD	.3543390	.3637006	.2376630	.2105469	.3777035

#1	1131.590	2026.733	41951.21	10006.51	2728.961
#2	1139.456	2036.958	42126.05	10039.87	2736.875
#3	1137.009	2041.114	42122.66	10000.84	2749.470

Sample Name: I4776-18 Acquired: 8/15/2017 18:38:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGP3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0814960	-.012961	.3591740	-.002374	.0015243	69.26898	1.570789
Stddev	.0022744	.001125	.0033581	.002486	.0021422	.21566	.003799
%RSD	2.790820	8.677708	.9349401	104.6973	140.5322	.3113410	.2418494

#1	.0819017	-.011974	.3612099	-.000495	.0020755	69.17937	1.571940
#2	.0790461	-.012724	.3552981	-.005193	-.000840	69.11257	1.566547
#3	.0835403	-.014185	.3610140	-.001435	.003337	69.51500	1.573879

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059299	.0519357	108.5887	.0958464	.0785351	.2482192	130.4009
Stddev	.0001466	.0006434	.9904	.0084579	.0009846	.0009325	.9286
%RSD	2.472468	1.238816	.9120590	8.824475	1.253737	.3756619	.7120780

#1	.0059340	.0522515	107.6940	.0997717	.0795584	.2479952	129.6277
#2	.0060744	.0511954	108.4192	.1016286	.0775943	.2474192	130.1443
#3	.0057812	.0523601	109.6529	.0861391	.0784528	.2492433	131.4308

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.910427	43.58330	.1683683	.0015012	1.068739	.2012709	2.299324
Stddev	.039724	.25983	.0010448	.0004897	.020070	.0037584	.144212
%RSD	.8089658	.5961755	.6205329	32.62087	1.877953	1.867343	6.271948

#1	4.878145	43.46437	.1694238	.0014846	1.057707	.1991938	2.349692
#2	4.898348	43.40422	.1673346	.0010199	1.091906	.1990094	2.411598
#3	4.954788	43.88131	.1683465	.0019989	1.056605	.2056094	2.136683

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.49484	.8926758	-.308469	.0009246	1.217517	3.322147	.0072909
Stddev	.05894	.0100949	.002930	.0001439	.011848	.012439	.0026967
%RSD	.3573524	1.130858	.9499682	15.55888	.9731446	.3744239	36.98736

#1	16.46594	.9039666	-.309079	.0009157	1.227850	3.327696	.0066458
#2	16.45592	.8845213	-.311046	.0010727	1.204585	3.330845	.0102517
#3	16.56265	.8895395	-.305281	.0007854	1.220117	3.307899	.0049753

Sample Name: I4776-18 Acquired: 8/15/2017 18:38:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGP3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7456705	.0088503	.0424964
Stddev	.0029779	.0000303	.0001991
%RSD	.3993562	.3428463	.4685819

#1	.7432359	.0088349	.0425137
#2	.7447849	.0088308	.0422892
#3	.7489907	.0088853	.0426864

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1136.800	2041.398	41908.16	9983.575	2810.338
Stddev	81.120	23.100	2964.65	33.287	32.465
%RSD	7.135815	1.131601	7.074166	.3334128	1.155202

#1	1096.653	2014.811	40388.11	9991.035	2773.112
#2	1083.582	2052.820	40011.82	10012.50	2832.779
#3	1230.164	2056.563	45324.54	9947.19	2825.123

Sample Name: I4776-19 Acquired: 8/15/2017 18:42:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGP4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0702551	-.017268	.4230909	.0000167	.0029284	78.48262	1.817606
Stddev	.0031304	.000909	.0026752	.0012422	.0010762	.29403	.006955
%RSD	4.455796	5.265906	.6323069	7423.773	36.75156	.3746398	.3826243

#1	.0735746	-.017183	.4228300	-.001389	.0016899	78.14900	1.809581
#2	.0698344	-.016404	.4205556	.000967	.0034593	78.59488	1.821869
#3	.0673563	-.018217	.4258870	.000473	.0036361	78.70398	1.821369

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073089	.0554254	135.8587	.1224698	.1015059	.2709312	154.9280
Stddev	.0001223	.0002740	.6771	.0005260	.0008515	.0010466	.6636
%RSD	1.672755	.4943382	.4983510	.4295134	.8388279	.3863001	.4283405

#1	.0074348	.0551164	135.0786	.1229670	.1005926	.2704331	154.2043
#2	.0071907	.0556386	136.2054	.1219191	.1016472	.2702266	155.0719
#3	.0073012	.0555211	136.2923	.1225234	.1022779	.2721338	155.5079

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.960863	39.26840	.2110655	.0015371	1.278180	.2325424	2.674475
Stddev	.032228	.17799	.0010414	.0002791	.092327	.0019107	.018589
%RSD	.4629925	.4532574	.4934176	18.16067	7.223339	.8216524	.6950379

#1	6.925103	39.07187	.2109046	.0013038	1.173511	.2331252	2.675240
#2	6.969825	39.31461	.2101138	.0018463	1.312977	.2304081	2.655516
#3	6.987663	39.41873	.2121780	.0014612	1.348052	.2340937	2.692670

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.72913	1.018157	-.372650	.0019422	2.608384	2.455689	.0093189
Stddev	.08968	.004968	.000156	.0006071	.017879	.022249	.0015241
%RSD	.5701398	.4879231	.0419552	31.25718	.6854250	.9059994	16.35536

#1	15.62581	1.012971	-.372729	.0026022	2.590676	2.458314	.0075642
#2	15.77478	1.018627	-.372470	.0014077	2.608048	2.476508	.0100782
#3	15.78681	1.022874	-.372751	.0018167	2.626428	2.432244	.0103142

Sample Name: I4776-19 Acquired: 8/15/2017 18:42:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGP4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5463203	.0100840	.0568052
Stddev	.0042932	.0000250	.0001552
%RSD	.7858380	.2477497	.2731718

#1	.5415840	.0100578	.0566297
#2	.5474210	.0100867	.0568617
#3	.5499560	.0101075	.0569242

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1166.768	2076.706	42816.08	10259.86	2765.660
Stddev	1.024	5.691	64.25	14.49	8.228
%RSD	.0877475	.2740285	.1500502	.1412575	.2975101

#1	1167.931	2083.112	42830.65	10273.67	2774.755
#2	1166.370	2072.236	42745.81	10244.77	2763.492
#3	1166.003	2074.770	42871.79	10261.12	2758.732

Sample Name: I4776-20 Acquired: 8/15/2017 18:46:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGP5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0788881	-.012240	.6271681	-.004435	.0025468	89.37656	2.303561
Stddev	.0042281	.001185	.0043107	.002093	.0016607	.51375	.015149
%RSD	5.359587	9.682177	.6873251	47.20008	65.20586	.5748176	.6576489

#1	.0817773	-.013442	.6288926	-.002274	.0025523	89.38777	2.303335
#2	.0808516	-.012207	.6303495	-.006454	.0008834	88.85729	2.288525
#3	.0740352	-.011072	.6222621	-.004577	.0042048	89.88461	2.318822

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084578	.0773594	123.8292	.1313159	.0947531	.2672387	149.7912
Stddev	.0000790	.0005613	.2086	.0010484	.0005393	.0015210	.4779
%RSD	.9342664	.7256289	.1684670	.7983776	.5692141	.5691592	.3190222

#1	.0085445	.0777571	123.6870	.1303927	.0951171	.2683865	149.5920
#2	.0084390	.0776037	123.7319	.1324557	.0950088	.2655135	149.4452
#3	.0083899	.0767173	124.0687	.1310993	.0941335	.2678161	150.3364

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.270244	43.33377	.2053050	.0014776	1.876748	.2501720	3.015910
Stddev	.029804	.17740	.0013126	.0000102	.050971	.0036875	.019980
%RSD	.3214966	.4093821	.6393262	.6922501	2.715905	1.474007	.6624917

#1	9.254505	43.34966	.2049799	.0014675	1.817895	.2508763	3.001739
#2	9.251609	43.14896	.2067496	.0014774	1.906666	.2461831	3.007227
#3	9.304617	43.50269	.2041856	.0014880	1.905683	.2534567	3.038762

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.77907	1.065923	-.334210	.0020324	3.351424	4.088853	.0114936
Stddev	.12572	.011687	.002363	.0002737	.024538	.012503	.0013183
%RSD	.7492468	1.096398	.7068900	13.46750	.7321662	.3057784	11.47006

#1	16.82871	1.072194	-.331488	.0022482	3.363003	4.101608	.0102734
#2	16.63612	1.073136	-.335718	.0017245	3.368030	4.088333	.0128919
#3	16.87240	1.052439	-.335425	.0021245	3.323239	4.076619	.0113156

Sample Name: I4776-20 Acquired: 8/15/2017 18:46:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGP5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9966333	.0106688	.0572225
Stddev	.0034356	.0001221	.0004272
%RSD	.3447233	1.144515	.7465075

#1	.9938649	.0106217	.0571560
#2	.9955567	.0105773	.0568325
#3	1.000478	.0108075	.0576790

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1177.396	2088.005	43218.17	10418.78	2753.776
Stddev	3.384	6.201	107.48	42.54	19.165
%RSD	.2874504	.2969786	.2486957	.4083373	.6959619

#1	1174.041	2084.920	43120.36	10380.29	2742.742
#2	1180.810	2083.951	43200.91	10464.46	2742.681
#3	1177.338	2095.143	43333.23	10411.58	2775.906

Sample Name: I4776-21 Acquired: 8/15/2017 18:50:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGP6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0737045	-.012244	.3696840	-.001009	.0020483	82.17805	1.922896
Stddev	.0026987	.002074	.0019449	.000611	.0012825	.22898	.006745
%RSD	3.661574	16.93719	.5260896	60.56307	62.61577	.2786434	.3507840

#1	.0768150	-.011208	.3701209	-.000836	.0008833	82.21158	1.928461
#2	.0723119	-.014632	.3713733	-.001688	.0034226	82.38841	1.924831
#3	.0719865	-.010892	.3675579	-.000503	.0018388	81.93414	1.915394

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071072	.0550297	43.39847	.1141184	.0965119	.2107960	144.2971
Stddev	.0001323	.0001389	.08001	.0003388	.0004692	.0022755	.2383
%RSD	1.862108	.2523760	.1843678	.2968838	.4861547	1.079488	.1651579

#1	.0070050	.0551244	43.32869	.1140326	.0961625	.2091569	144.1750
#2	.0072567	.0550945	43.48580	.1144919	.0970452	.2133940	144.5717
#3	.0070598	.0548703	43.38091	.1138309	.0963280	.2098371	144.1446

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.769340	27.91741	.1799476	.0012244	1.200686	.2322604	2.280840
Stddev	.018867	.07841	.0004099	.0001864	.009858	.0007039	.001484
%RSD	.2787120	.2808726	.2277899	15.22550	.8210531	.3030429	.0650745

#1	6.759578	27.90870	.1799782	.0014228	1.191683	.2314795	2.279732
#2	6.791087	27.99981	.1803414	.0011978	1.199153	.2324555	2.282526
#3	6.757353	27.84372	.1795233	.0010528	1.211220	.2328461	2.280263

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.13808	.7798004	-.344344	.0010773	1.264808	4.504739	.0121025
Stddev	.03456	.0031326	.002224	.0001535	.001536	.080013	.0019858
%RSD	.2016273	.4017218	.6459784	14.25156	.1214119	1.776189	16.40856

#1	17.15867	.7798971	-.346793	.0011624	1.265444	4.578399	.0116642
#2	17.15739	.7828835	-.343789	.0011696	1.263056	4.516207	.0142709
#3	17.09819	.7766205	-.342449	.0009001	1.265923	4.419611	.0103725

Sample Name: I4776-21 Acquired: 8/15/2017 18:50:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGP6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6690914	.0094290	.0451920
Stddev	.0040088	.0000338	.0001361
%RSD	.5991387	.3585511	.3012367

#1	.6645378	.0094578	.0452161
#2	.6706474	.0094373	.0453145
#3	.6720888	.0093917	.0450454

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1179.323	2102.362	43166.22	10183.61	2890.330
Stddev	7.043	14.257	130.95	26.08	15.668
%RSD	.5972006	.6781415	.3033726	.2560849	.5420937

#1	1171.336	2098.197	43097.37	10153.71	2883.775
#2	1181.991	2090.651	43084.04	10195.46	2879.004
#3	1184.643	2118.238	43317.23	10201.66	2908.211

Sample Name: I4776-22 Acquired: 8/15/2017 18:54:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGP7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0713847	-.013959	.2217848	-.000002	.0011297	83.21573	1.747287
Stddev	.0054533	.001945	.0015643	.002006	.0014745	.16937	.004928
%RSD	7.639360	13.93419	.7053366	83084.83	130.5153	.2035310	.2820119

#1	.0767323	-.011996	.2227741	-.002310	-.000422	83.03302	1.742022
#2	.0658314	-.013995	.2199813	.001321	.001299	83.36750	1.751787
#3	.0715904	-.015886	.2225990	.000981	.002512	83.24666	1.748052

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067431	.0237793	43.42141	.1126304	.1082885	.1854269	149.4441
Stddev	.0000593	.0001821	.02749	.0008576	.0003067	.0010180	.0769
%RSD	.8798549	.7659233	.0633019	.7614511	.2832269	.5490025	.0514392

#1	.0066768	.0239038	43.45182	.1116543	.1086375	.1842522	149.4032
#2	.0067610	.0238639	43.39833	.1129742	.1081661	.1860531	149.3964
#3	.0067914	.0235703	43.41408	.1132628	.1080619	.1859752	149.5328

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.226641	29.60097	.2055253	.0011902	1.128885	.2276266	1.310212
Stddev	.008386	.07754	.0008741	.0002234	.015664	.0009231	.009615
%RSD	.1160469	.2619649	.4252808	18.77184	1.387558	.4055089	.7338831

#1	7.234610	29.61755	.2046246	.0014403	1.146671	.2278861	1.309949
#2	7.217892	29.66887	.2055811	.0010103	1.122834	.2266016	1.300730
#3	7.227421	29.51647	.2063700	.0011200	1.117148	.2283921	1.319956

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.48454	.8422440	-.355323	.0003266	1.262132	3.368125	.0085728
Stddev	.08326	.0020728	.001252	.0010015	.012249	.026233	.0011194
%RSD	.5376741	.2461061	.3523882	306.6508	.9704960	.7788645	13.05742

#1	15.39511	.8404926	-.356769	-.000529	1.276266	3.397512	.0075603
#2	15.55981	.8417068	-.354631	.000081	1.255515	3.347067	.0097748
#3	15.49870	.8445325	-.354570	.001428	1.254615	3.359798	.0083832

Sample Name: I4776-22 Acquired: 8/15/2017 18:54:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGP7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7112140	.0098852	.0425094
Stddev	.0013682	.0000830	.0001099
%RSD	.1923742	.8401278	.2585945

#1	.7102146	.0098593	.0424038
#2	.7106541	.0099781	.0426232
#3	.7127733	.0098182	.0425012

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1170.477	2090.476	42957.03	10118.63	2884.244
Stddev	2.014	9.825	128.27	32.97	9.506
%RSD	.1720335	.4700038	.2985910	.3258411	.3295917

#1	1168.183	2079.163	42859.98	10086.01	2873.346
#2	1171.296	2096.874	42908.67	10117.94	2888.558
#3	1171.952	2095.391	43102.45	10151.94	2890.829

Sample Name: I4777-01 Acquired: 8/15/2017 18:58:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGP8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0628777	-.012379	.5203276	-.001847	.0031275	56.80939	1.464435
Stddev	.0014542	.002166	.0034542	.002742	.0006018	.08185	.004372
%RSD	2.312677	17.49859	.6638440	148.4334	19.24247	.1440833	.2985765

#1	.0627382	-.010063	.5215419	-.001193	.0032372	56.74847	1.464205
#2	.0643966	-.014355	.5230107	-.004857	.0036670	56.90243	1.468918
#3	.0614983	-.012718	.5164303	.000508	.0024784	56.77726	1.460182

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053253	.0436208	74.09543	.1324723	.0666828	.5506665	124.4845
Stddev	.0000402	.0001776	.22378	.0026167	.0001538	.0011709	.2230
%RSD	.7549575	.4071063	.3020170	1.975249	.2306631	.2126266	.1791349

#1	.0052869	.0438135	74.06269	.1319233	.0668424	.5520103	124.2433
#2	.0053671	.0435852	73.88981	.1301736	.0666707	.5501228	124.5270
#3	.0053219	.0434638	74.33377	.1353198	.0665354	.5498663	124.6832

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.274239	25.94693	.1549396	.0011747	.9304633	.1890406	2.690220
Stddev	.005347	.04950	.0012535	.0001797	.0414242	.0008509	.052029
%RSD	.1251070	.1907844	.8090094	15.30108	4.452000	.4501059	1.933992

#1	4.270558	25.90469	.1563240	.0012113	.9001435	.1899816	2.648029
#2	4.271786	26.00140	.1546132	.0013332	.9135842	.1888148	2.674274
#3	4.280372	25.93471	.1538816	.0009794	.9776622	.1883253	2.748355

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.22070	1.258290	-.290658	.0029576	2.247925	6.699624	.0194753
Stddev	.01611	.004846	.001292	.0003308	.006114	.066160	.0010222
%RSD	.1218565	.3851089	.4446685	11.18604	.2719625	.9875115	5.248508

#1	13.23612	1.262662	-.289318	.0030719	2.242429	6.702804	.0183211
#2	13.22200	1.259127	-.290759	.0025848	2.254510	6.631932	.0198383
#3	13.20397	1.253080	-.291897	.0032162	2.246836	6.764136	.0202664

Sample Name: I4777-01 Acquired: 8/15/2017 18:58:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGP8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7979233	.0072449	.0395737
Stddev	.0034548	.0000838	.0000961
%RSD	.4329684	1.156820	.2428165

#1	.7942022	.0071964	.0394715
#2	.7985387	.0073417	.0396622
#3	.8010290	.0071966	.0395875

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1139.113	2031.700	41791.65	9977.267	2893.679
Stddev	17.827	1.746	553.51	14.003	8.132
%RSD	1.564980	.0859184	1.324444	.1403497	.2810323

#1	1151.999	2030.469	42137.21	9989.137	2885.588
#2	1146.570	2033.698	42084.51	9980.841	2893.596
#3	1118.768	2030.932	41153.24	9961.823	2901.852

Sample Name: I4777-02 Acquired: 8/15/2017 19:02:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGP9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0825753	-.011313	.4274446	-.003211	.0038503	72.55531	1.681942
Stddev	.0023840	.002957	.0020668	.002375	.0018640	.07995	.001983
%RSD	2.887090	26.14106	.4835334	73.99061	48.41085	.1101923	.1179063

#1	.0800389	-.014232	.4254584	-.000793	.0039281	72.52880	1.684026
#2	.0829168	-.011388	.4272917	-.003297	.0019487	72.64515	1.681723
#3	.0847701	-.008319	.4295836	-.005542	.0056742	72.49199	1.680078

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065957	.0552717	41.29275	.1317204	.0871744	.2454136	148.1648
Stddev	.0000231	.0003822	.05202	.0014730	.0005688	.0020074	.2553
%RSD	.3502267	.6914625	.1259861	1.118280	.6525113	.8179580	.1722910

#1	.0066082	.0548731	41.23642	.1312633	.0865200	.2475712	147.8874
#2	.0065691	.0553070	41.33899	.1333678	.0874528	.2436012	148.3899
#3	.0066100	.0556350	41.30283	.1305301	.0875504	.2450685	148.2172

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.745166	26.16063	.1698904	.0013344	1.257720	.2167087	2.396667
Stddev	.008666	.08130	.0007205	.0003178	.093406	.0011149	.007039
%RSD	.1508385	.3107792	.4240874	23.81381	7.426634	.5144564	.2936864

#1	5.735552	26.16188	.1697005	.0016150	1.251103	.2176928	2.389218
#2	5.752376	26.07871	.1706868	.0013988	1.354259	.2154979	2.403208
#3	5.747570	26.24129	.1692839	.0009893	1.167798	.2169354	2.397575

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.65422	.9917726	-.356741	.0031706	1.580827	7.162221	.0126505
Stddev	.01728	.0010422	.000883	.0002651	.015784	.029025	.0011556
%RSD	.1037762	.1050832	.2475997	8.362149	.9984392	.4052467	9.134360

#1	16.67371	.9919205	-.356037	.0030650	1.571257	7.148265	.0120998
#2	16.64817	.9906643	-.357732	.0029745	1.572179	7.195588	.0139784
#3	16.64077	.9927329	-.356454	.0034722	1.599045	7.142811	.0118734

Sample Name: I4777-02 Acquired: 8/15/2017 19:02:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METGP9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8129606	.0085506	.0375219
Stddev	.0038733	.0000402	.0000829
%RSD	.4764430	.4703035	.2209009

#1	.8085113	.0085591	.0375732
#2	.8147914	.0085859	.0375662
#3	.8155790	.0085068	.0374262

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1159.378	2065.527	42817.32	10072.18	2881.790
Stddev	3.134	5.176	16.56	20.17	7.489
%RSD	.2703215	.2505837	.0386760	.2002861	.2598805

#1	1156.614	2067.548	42831.55	10073.35	2890.019
#2	1162.783	2059.645	42799.14	10051.45	2875.373
#3	1158.737	2069.387	42821.27	10091.74	2879.979

Sample Name: I4777-03 Acquired: 8/15/2017 19:06:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGQ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0802034	-.009775	.4590496	-.001474	.0038594	60.60267	1.457526
Stddev	.0014164	.000109	.0013354	.001408	.0011090	.13839	.002862
%RSD	1.765962	1.119079	.2909105	95.52685	28.73523	.2283577	.1963406

#1	.0787343	-.009821	.4585106	-.000308	.0027014	60.63368	1.457640
#2	.0815603	-.009854	.4580680	-.001076	.0039649	60.45140	1.454609
#3	.0803156	-.009650	.4605703	-.003039	.0049119	60.72292	1.460329

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056750	.0564482	36.86542	.0903409	.0758564	1.488059	122.8073
Stddev	.0001101	.0000875	.12762	.0010067	.0000896	.002169	.2843
%RSD	1.940566	.1549975	.3461911	1.114365	.1181330	.1457641	.2314955

#1	.0058017	.0563484	37.00780	.0894004	.0758208	1.490363	123.1058
#2	.0056214	.0565116	36.76130	.0914028	.0759583	1.486056	122.5398
#3	.0056019	.0564847	36.82716	.0902194	.0757900	1.487758	122.7762

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.031856	22.28060	.1502124	.0012646	.9101382	.1806892	2.618482
Stddev	.021823	.02424	.0003720	.0001346	.0775224	.0025409	.019909
%RSD	.4336937	.1088161	.2476253	10.64611	8.517655	1.406219	.7603112

#1	5.055314	22.30855	.1502309	.0012089	.8827497	.1783697	2.623112
#2	5.012156	22.26528	.1498315	.0014181	.9976372	.1802930	2.596666
#3	5.028099	22.26797	.1505747	.0011668	.8500278	.1834049	2.635668

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.79500	.9261362	-.301172	.0015959	1.202234	8.624926	.0138821
Stddev	.03699	.0030904	.002401	.0001420	.007814	.034670	.0015559
%RSD	.2681681	.3336828	.7973687	8.895933	.6499582	.4019763	11.20779

#1	13.75281	.9293803	-.303791	.0014798	1.205346	8.587292	.0154050
#2	13.81025	.9258016	-.300649	.0015538	1.193343	8.655567	.0122952
#3	13.82192	.9232269	-.299075	.0017542	1.208012	8.631918	.0139462

Sample Name: I4777-03 Acquired: 8/15/2017 19:06:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGQ0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7183973	.0072978	.0317595
Stddev	.0066389	.0000103	.0000175
%RSD	.9241200	.1409743	.0549287

#1	.7219283	.0073024	.0317791
#2	.7107391	.0072860	.0317456
#3	.7225245	.0073049	.0317539

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1174.164	2078.164	42879.03	10072.50	2951.333
Stddev	3.811	3.574	82.48	51.40	4.201
%RSD	.3245756	.1719713	.1923590	.5102664	.1423387

#1	1170.709	2076.099	42892.50	10022.95	2952.571
#2	1178.252	2076.102	42790.64	10069.00	2946.652
#3	1173.530	2082.290	42953.95	10125.56	2954.776

Sample Name: I4777-04 Acquired: 8/15/2017 19:10:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGQ1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0870401	-.010535	.1571499	-.007021	.0019884	69.38493	1.478557
Stddev	.0024826	.002708	.0015559	.002965	.0011273	.40922	.008401
%RSD	2.852201	25.70095	.9900893	42.23554	56.69599	.5897781	.5682220

#1	.0844218	-.013494	.1554987	-.005087	.0032627	69.18810	1.475910
#2	.0893599	-.008180	.1585888	-.010435	.0015817	69.85537	1.487963
#3	.0873386	-.009933	.1573623	-.005541	.0011208	69.11131	1.471797

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059077	.0202961	34.83209	.0960852	.0737040	.1589651	134.0573
Stddev	.0000531	.0005127	.21652	.0008857	.0014819	.0001132	.7144
%RSD	.8983764	2.526237	.6215998	.9217564	2.010555	.0712149	.5329084

#1	.0058544	.0197150	34.66399	.0953752	.0720107	.1590280	133.5529
#2	.0059082	.0204884	35.07641	.0958028	.0747640	.1590329	134.8748
#3	.0059605	.0206849	34.75588	.0970776	.0743372	.1588344	133.7441

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.813471	24.29601	.1759668	.0007133	1.036097	.1959661	1.100473
Stddev	.023731	.15353	.0038831	.0002694	.004927	.0048308	.011064
%RSD	.6222914	.6319136	2.206702	37.75934	.4755307	2.465094	1.005340

#1	3.793483	24.21881	.1716753	.0006498	1.037834	.1939106	1.092272
#2	3.839698	24.47281	.1792374	.0004814	1.030537	.2014846	1.113057
#3	3.807231	24.19639	.1769878	.0010088	1.039920	.1925030	1.096091

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.29526	.9478742	-.322295	.0010817	.9654593	7.615811	.0060155
Stddev	.11391	.0211969	.002599	.0001277	.0208374	.046354	.0007750
%RSD	.8567821	2.236261	.8064203	11.80178	2.158290	.6086598	12.88283

#1	13.20369	.9240105	-.320635	.0012291	.9422926	7.631079	.0063954
#2	13.42282	.9645182	-.325291	.0010067	.9826708	7.563748	.0051238
#3	13.25928	.9550939	-.320960	.0010093	.9714146	7.652605	.0065271

Sample Name: I4777-04 Acquired: 8/15/2017 19:10:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGQ1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8536702	.0083146	.0328681
Stddev	.0048155	.0000907	.0001324
%RSD	.5640916	1.091405	.4027089

#1	.8513930	.0082756	.0328390
#2	.8592019	.0084183	.0330126
#3	.8504156	.0082498	.0327527

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1189.431	2131.209	43324.73	10133.47	2962.561
Stddev	6.216	26.760	65.30	36.74	53.070
%RSD	.5226373	1.255640	.1507305	.3625299	1.791341

#1	1182.600	2159.149	43312.84	10157.60	3022.049
#2	1190.939	2105.809	43395.16	10091.19	2920.077
#3	1194.755	2128.670	43266.18	10151.63	2945.558

Sample Name: I4777-05 Acquired: 8/15/2017 19:14:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGQ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0769177	-.012813	.1551277	-.002988	.0034096	83.24796	1.577126
Stddev	.0056427	.001261	.0020739	.003545	.0020178	.91580	.017679
%RSD	7.336038	9.839909	1.336906	118.6317	59.18197	1.100083	1.120934

#1	.0748118	-.013531	.1533971	-.000711	.0029293	82.56857	1.564724
#2	.0726308	-.013552	.1574265	-.001181	.0056242	84.28944	1.597369
#3	.0833105	-.011358	.1545594	-.007072	.0016752	82.88588	1.569285

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070748	.0108711	39.35235	.1076226	.0776050	.1830510	155.6183
Stddev	.0000773	.0001067	.42114	.0003873	.0011588	.0022299	1.6773
%RSD	1.093083	.9818181	1.070186	.3598202	1.493218	1.218189	1.077820

#1	.0070201	.0108109	39.02036	.1080478	.0762673	.1814221	154.1658
#2	.0071633	.0108081	39.82608	.1072901	.0783020	.1855924	157.4540
#3	.0070410	.0109943	39.21061	.1075300	.0782458	.1821384	155.2351

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.034730	28.44332	.1984176	.0007057	1.199772	.2176862	.8873157
Stddev	.041637	.31915	.0022612	.0002226	.020655	.0027878	.0027303
%RSD	1.031961	1.122051	1.139631	31.55164	1.721557	1.280663	.3077055

#1	4.002574	28.26268	.1959551	.0006647	1.196755	.2153059	.8887980
#2	4.081761	28.81182	.2004008	.0009459	1.221770	.2207532	.8889842
#3	4.019854	28.25546	.1988968	.0005063	1.180792	.2169995	.8841648

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.46860	.9362955	-.377193	.0002555	1.013830	8.040326	.0078496
Stddev	.16755	.0114719	.003714	.0000608	.006695	.076425	.0022713
%RSD	1.158055	1.225238	.9847227	23.80200	.6603795	.9505259	28.93522

#1	14.34950	.9230595	-.373103	.0002956	1.006307	7.953044	.0052362
#2	14.66019	.9433713	-.380357	.0002854	1.016051	8.072687	.0089654
#3	14.39610	.9424557	-.378119	.0001855	1.019133	8.095247	.0093471

Sample Name: I4777-05 Acquired: 8/15/2017 19:14:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGQ2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7198831	.0100945	.0418844
Stddev	.0071858	.0001007	.0005180
%RSD	.9981922	.9972711	1.236660

#1	.7126089	.0100848	.0415391
#2	.7269772	.0101997	.0424800
#3	.7200633	.0099990	.0416341

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1196.931	2152.632	43686.59	10291.40	2909.035
Stddev	6.837	17.786	102.24	102.06	28.906
%RSD	.5712075	.8262267	.2340306	.9916895	.9936472

#1	1191.193	2173.097	43605.82	10378.74	2942.333
#2	1195.103	2140.911	43652.40	10179.21	2890.384
#3	1204.496	2143.887	43801.54	10316.24	2894.390

Sample Name: I4777-06 Acquired: 8/15/2017 19:18:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGQ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0714998	-.017555	.4511614	-.004813	.0018290	76.76719	1.504980
Stddev	.0048486	.003198	.0021422	.002935	.0009299	.13671	.007274
%RSD	6.781245	18.21728	.4748240	60.97119	50.84317	.1780833	.4833030

#1	.0745020	-.021184	.4525553	-.008176	.0023610	76.63556	1.500226
#2	.0740913	-.015151	.4486947	-.002769	.0023707	76.90847	1.513354
#3	.0659062	-.016329	.4522341	-.003495	.0007552	76.75753	1.501361

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106644	.0471996	192.6308	.1422758	.0651220	.3744142	162.6497
Stddev	.0001388	.0002614	.4200	.0005872	.0008405	.0000921	.3898
%RSD	1.301213	.5537817	.2180581	.4126983	1.290655	.0245917	.2396574

#1	.0106502	.0471724	192.2187	.1416231	.0659259	.3745204	162.2740
#2	.0105333	.0469530	192.6155	.1424432	.0642491	.3743655	162.6228
#3	.0108097	.0474736	193.0584	.1427611	.0651909	.3743567	163.0522

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.812453	75.11035	.1394626	.0010138	2.000837	.1761952	2.150474
Stddev	.008643	.03828	.0003601	.0003327	.095155	.0008044	.006861
%RSD	.1795923	.0509621	.2581794	32.81919	4.755754	.4565252	.3190387

#1	4.802533	75.11146	.1395678	.0009842	1.891014	.1754380	2.151282
#2	4.818361	75.14806	.1390617	.0006969	2.058679	.1761079	2.143244
#3	4.816465	75.07153	.1397584	.0013604	2.052819	.1770396	2.156895

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.18880	1.097927	-.360180	.0037232	3.652010	11.23514	.0150088
Stddev	.05523	.001110	.001442	.0003439	.015275	.05643	.0005515
%RSD	.4187959	.1011412	.4003154	9.236175	.4182521	.5022198	3.674704

#1	13.13859	1.097640	-.359754	.0039047	3.638076	11.17325	.0153870
#2	13.24796	1.096989	-.361787	.0039384	3.649612	11.24844	.0143760
#3	13.17983	1.099153	-.358999	.0033266	3.668341	11.28372	.0152635

Sample Name: I4777-06 Acquired: 8/15/2017 19:18:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGQ3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.134204	.0103860	.0574892
Stddev	.007025	.0000665	.0002056
%RSD	.6193788	.6405248	.3575875

#1	1.126115	.0103239	.0573277
#2	1.137714	.0104562	.0577206
#3	1.138782	.0103779	.0574192

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1138.234	2034.848	42144.77	10111.54	2675.265
Stddev	8.276	8.036	125.08	10.84	3.147
%RSD	.7270509	.3949182	.2967925	.1072453	.1176399

#1	1128.784	2027.036	42001.17	10109.24	2671.636
#2	1144.191	2034.415	42203.15	10102.02	2676.930
#3	1141.725	2043.091	42229.99	10123.34	2677.231

Sample Name: I4777-07 Acquired: 8/15/2017 19:22:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGQ4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0614143	-.013309	.2620484	-.005346	.0014149	82.87085	1.887207
Stddev	.0032632	.002582	.0035728	.002116	.0021171	1.36078	.028069
%RSD	5.313440	19.39827	1.363395	39.58631	149.6298	1.642050	1.487328

#1	.0597327	-.015981	.2631373	-.003291	-.000023	81.95776	1.870341
#2	.0651754	-.013117	.2649500	-.007519	.003846	82.21994	1.871672
#3	.0593349	-.010828	.2580579	-.005228	.000421	84.43483	1.919609

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071494	.0091563	36.05619	.1093043	.0858452	.1884740	150.7790
Stddev	.0001497	.0003381	.54403	.0016558	.0011342	.0020070	2.3185
%RSD	2.094004	3.692488	1.508853	1.514883	1.321254	1.064845	1.537689

#1	.0070471	.0095049	35.70624	.1111887	.0866125	.1874397	148.9124
#2	.0070798	.0091343	35.77936	.1080820	.0863808	.1871952	150.0504
#3	.0073212	.0088298	36.68297	.1086422	.0845424	.1907871	153.3743

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.344606	28.11275	.1906851	.0006663	1.203761	.2107220	1.269004
Stddev	.079263	.45972	.0027323	.0001930	.029301	.0030777	.009175
%RSD	1.483044	1.635260	1.432909	28.96502	2.434146	1.460549	.7229868

#1	5.282163	27.83997	.1934848	.0004716	1.194198	.2095328	1.273004
#2	5.317877	27.85476	.1905451	.0006697	1.180436	.2084163	1.258508
#3	5.433778	28.64352	.1880254	.0008576	1.236649	.2142168	1.275499

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.12535	1.154506	-.363574	.0005080	1.089368	9.250418	.0097907
Stddev	.32751	.013118	.006134	.0001544	.017568	.068154	.0009806
%RSD	1.712464	1.136280	1.687095	30.38615	1.612704	.7367618	10.01580

#1	18.94034	1.167251	-.359807	.0005431	1.108982	9.231652	.0097813
#2	18.93221	1.155224	-.360262	.0006418	1.084046	9.193613	.0088149
#3	19.50350	1.141043	-.370651	.0003391	1.075076	9.325988	.0107760

Sample Name: I4777-07 Acquired: 8/15/2017 19:22:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METGQ4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7788199	.0090717	.0442710
Stddev	.0162982	.0001255	.0006819
%RSD	2.092672	1.382844	1.540218

#1	.7673749	.0090105	.0438349
#2	.7716046	.0089885	.0439213
#3	.7974803	.0092160	.0450567

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1197.902	2133.378	43613.82	10235.11	2907.717
Stddev	7.155	21.561	260.79	131.37	36.858
%RSD	.5972877	1.010637	.5979489	1.283540	1.267606

#1	1189.782	2112.652	43321.41	10315.39	2871.841
#2	1203.280	2131.796	43697.70	10306.43	2905.824
#3	1200.645	2155.686	43822.34	10083.50	2945.485

Sample Name: I4777-08 Acquired: 8/15/2017 19:26:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGQ5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0442189	-.021239	.7325701	-.007104	.0062760	67.13869	1.260311
Stddev	.0016528	.004802	.0006879	.004388	.0013756	.07295	.003370
%RSD	3.737736	22.60982	.0939017	61.76995	21.91900	.1086585	.2673560

#1	.0460628	-.026212	.7325710	-.006379	.0050133	67.18150	1.262824
#2	.0428707	-.016628	.7318818	-.011809	.0060727	67.18012	1.261627
#3	.0437233	-.020877	.7332576	-.003124	.0077420	67.05446	1.256482

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084762	.0269222	355.8746	.0898185	.0713116	.2958315	210.8425
Stddev	.0001430	.0002193	.9576	.0003730	.0004052	.0026837	.1966
%RSD	1.686777	.8144166	.2690867	.4153368	.5681558	.9071813	.0932668

#1	.0085386	.0267078	355.1629	.0896875	.0717283	.2977167	210.8461
#2	.0083126	.0271460	355.4975	.0902394	.0709190	.2970189	210.6441
#3	.0085774	.0269128	356.9634	.0895286	.0712876	.2927589	211.0373

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.564043	32.56316	.1887336	.0015818	2.554847	.2059015	2.442793
Stddev	.006506	.04675	.0012636	.0001206	.042382	.0008960	.018075
%RSD	.1425456	.1435641	.6695075	7.624444	1.658877	.4351643	.7399334

#1	4.561446	32.58787	.1881042	.0016008	2.523091	.2066428	2.422949
#2	4.559237	32.50924	.1901883	.0016917	2.602972	.2049058	2.447114
#3	4.571446	32.59237	.1879084	.0014528	2.538478	.2061558	2.458316

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.38569	1.214599	-.301480	.0300307	18.25134	3.770641	.0123011
Stddev	.01756	.003549	.000787	.0002581	.09334	.034417	.0017415
%RSD	.1220341	.2922357	.2610827	.8595763	.5114331	.9127686	14.15693

#1	14.40360	1.212513	-.302303	.0301310	18.16313	3.804765	.0117333
#2	14.36851	1.218697	-.300735	.0297375	18.34909	3.735938	.0142556
#3	14.38495	1.212586	-.301400	.0302237	18.24180	3.771219	.0109144

Sample Name: I4777-08 Acquired: 8/15/2017 19:26:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGQ5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.135819	.0090561	.0943230
Stddev	.001777	.0000510	.0001099
%RSD	.1564349	.5633654	.1165064

#1	1.134923	.0090401	.0944161
#2	1.137865	.0090151	.0943511
#3	1.134668	.0091132	.0942018

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1043.358	1859.644	39236.27	9516.234	2594.716
Stddev	5.752	3.679	128.87	8.106	4.440
%RSD	.5512707	.1978103	.3284363	.0851852	.1711006

#1	1048.973	1860.655	39338.05	9521.235	2599.838
#2	1043.623	1862.712	39091.37	9520.586	2592.335
#3	1037.478	1855.566	39279.39	9506.881	2591.975

Sample Name: I4777-09 Acquired: 8/15/2017 19:30:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGQ6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0830198	-.013255	.8979400	-.005584	.0033438	80.83738	2.387558
Stddev	.0031389	.003692	.0062222	.002237	.0018808	.03642	.004007
%RSD	3.780914	27.85008	.6929422	40.06670	56.24629	.0450585	.1678259

#1	.0844618	-.017507	.9004009	-.004121	.0025007	80.80611	2.383430
#2	.0794190	-.011396	.9025554	-.008160	.0054986	80.87737	2.387811
#3	.0851786	-.010863	.8908637	-.004472	.0020321	80.82865	2.391432

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085489	.0483788	417.3984	.1707024	.0847885	.3625948	162.5946
Stddev	.0000899	.0006606	1.3164	.0020909	.0005804	.0029346	.4447
%RSD	1.051110	1.365407	.3153879	1.224866	.6845417	.8093344	.2734830

#1	.0085281	.0480192	418.4388	.1687211	.0850295	.3599976	162.7757
#2	.0086473	.0491412	417.8381	.1728879	.0852095	.3620086	162.9201
#3	.0084712	.0479760	415.9185	.1704983	.0841264	.3657783	162.0880

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.52576	59.43829	.1887577	.0010884	2.230539	.2418729	2.836099
Stddev	.03103	.15589	.0020964	.0002941	.052393	.0034450	.024321
%RSD	.2948284	.2622751	1.110623	27.01779	2.348897	1.424297	.8575397

#1	10.54501	59.49876	.1902883	.0007913	2.216484	.2458062	2.823049
#2	10.54230	59.55488	.1896165	.0010946	2.186606	.2393916	2.864159
#3	10.48996	59.26122	.1863683	.0013794	2.288526	.2404208	2.821088

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.44240	1.200618	-.340963	.0115266	4.157949	5.055165	.0131196
Stddev	.02277	.013038	.002883	.0005597	.042363	.052446	.0024551
%RSD	.1171300	1.085979	.8456593	4.855511	1.018836	1.037465	18.71325

#1	19.42954	1.206046	-.339720	.0121711	4.168954	5.033810	.0132513
#2	19.42896	1.210065	-.344259	.0112449	4.193723	5.114919	.0106012
#3	19.46869	1.185742	-.338909	.0111637	4.111170	5.016766	.0155061

Sample Name: I4777-09 Acquired: 8/15/2017 19:30:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGQ6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.429368	.0100884	.1022870
Stddev	.003141	.0000349	.0001118
%RSD	.2197232	.3462319	.1092765

#1	1.432504	.0100624	.1021606
#2	1.426223	.0100748	.1023279
#3	1.429377	.0101281	.1023727

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1098.466	1976.002	40493.10	9859.332	2572.789
Stddev	10.439	8.936	215.94	39.057	21.151
%RSD	.9503445	.4522381	.5332796	.3961455	.8221187

#1	1099.752	1971.276	40482.43	9837.408	2565.930
#2	1087.443	1970.421	40282.69	9836.162	2555.919
#3	1108.202	1986.308	40714.18	9904.426	2596.519

Sample Name: I4777-10 Acquired: 8/15/2017 19:34:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGQ7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0589435	-.014702	.1832749	-.006710	.0020554	91.97541	1.900663
Stddev	.0015022	.001119	.0022237	.004359	.0020409	2.68373	.055499
%RSD	2.548506	7.607868	1.213287	64.96867	99.29416	2.917875	2.919968

#1	.0605081	-.015985	.1850970	-.009389	.0043441	93.93656	1.942559
#2	.0588099	-.014192	.1807971	-.009060	.0013975	88.91690	1.837719
#3	.0575126	-.013930	.1839305	-.001680	.0004246	93.07276	1.921711

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080319	.0068314	52.16560	.1239228	.0910134	.1939187	167.9570
Stddev	.0001893	.0002878	1.48553	.0005801	.0013996	.0066791	4.6255
%RSD	2.357157	4.212554	2.847725	.4680859	1.537805	3.444277	2.753974

#1	.0082450	.0071149	53.15603	.1240923	.0926284	.1994783	171.1980
#2	.0078830	.0068397	50.45750	.1243993	.0902585	.1865098	162.6600
#3	.0079676	.0065395	52.88327	.1232769	.0901533	.1957680	170.0131

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.397214	31.90489	.2129851	.0009591	1.857014	.2349413	.8223598
Stddev	.154974	.99422	.0013244	.0001102	.073813	.0048692	.0068522
%RSD	2.871363	3.116191	.6218095	11.48529	3.974823	2.072495	.8332383

#1	5.503387	32.64614	.2145130	.0009887	1.881503	.2385128	.8149987
#2	5.219378	30.77507	.2121657	.0008372	1.774069	.2293950	.8235276
#3	5.468876	32.29344	.2122765	.0010514	1.915470	.2369160	.8285530

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.43244	.8868255	-.389847	.0015010	1.816759	5.860957	.0087332
Stddev	.62781	.0071010	.010172	.0001422	.013281	.171301	.0015455
%RSD	3.230707	.8007178	2.609242	9.470886	.7310282	2.922755	17.69688

#1	19.89309	.8947940	-.399096	.0015375	1.828651	5.984521	.0097245
#2	18.71735	.8811677	-.378953	.0013442	1.819199	5.665409	.0069524
#3	19.68686	.8845147	-.391493	.0016214	1.802428	5.932940	.0095228

Sample Name: I4777-10 Acquired: 8/15/2017 19:34:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGQ7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8315809	.0104309	.0519988
Stddev	.0254861	.0003608	.0014948
%RSD	3.064783	3.459368	2.874731

#1	.8504546	.0107055	.0531286
#2	.8025895	.0100223	.0503038
#3	.8416987	.0105650	.0525641

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1204.556	2132.668	44019.13	10499.42	2830.553
Stddev	3.200	10.432	39.74	266.86	23.039
%RSD	.2656957	.4891625	.0902708	2.541631	.8139265

#1	1204.089	2120.661	44063.23	10302.44	2804.865
#2	1201.615	2139.508	43986.10	10803.12	2849.386
#3	1207.965	2137.835	44008.06	10392.70	2837.409

Sample Name: I4777-11 Acquired: 8/15/2017 19:38:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGQ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0617386	-.011791	.3742162	-.003845	.0022027	71.68613	2.092224
Stddev	.0021358	.002755	.0002218	.002132	.0013181	.09635	.004015
%RSD	3.459407	23.36523	.0592592	55.44502	59.83994	.1344114	.1919199

#1	.0624546	-.010950	.3742548	-.006034	.0018796	71.64758	2.091214
#2	.0593368	-.009555	.3739777	-.001776	.0010761	71.79578	2.096648
#3	.0634244	-.014869	.3744162	-.003724	.0036522	71.61501	2.088810

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062346	.0308721	47.35427	.1033067	.0873261	.2045941	135.8510
Stddev	.0000652	.0002441	.05648	.0001818	.0006356	.0013104	.3229
%RSD	1.045517	.7906356	.1192778	.1760001	.7278864	.6405095	.2376623

#1	.0062037	.0307889	47.40756	.1035017	.0868516	.2042741	136.2199
#2	.0063095	.0311469	47.29506	.1031417	.0880483	.2060349	135.7128
#3	.0061907	.0306805	47.36018	.1032769	.0870784	.2034734	135.6202

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.480068	24.86515	.1649001	.0007769	1.273828	.2030189	1.747537
Stddev	.012398	.06888	.0007024	.0003500	.052678	.0005737	.009701
%RSD	.1913218	.2770156	.4259761	45.04778	4.135403	.2826024	.5551514

#1	6.494147	24.93723	.1642883	.0004360	1.249292	.2036749	1.758558
#2	6.470783	24.85822	.1656672	.0011353	1.237895	.2027711	1.743763
#3	6.475274	24.80000	.1647447	.0007595	1.334299	.2026107	1.740289

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.45220	.9952905	-.312629	.0038538	1.607480	6.068406	.0091309
Stddev	.09195	.0038980	.000972	.0004990	.004985	.024790	.0016897
%RSD	.4726945	.3916441	.3108597	12.94726	.3100826	.4085107	18.50545

#1	19.42357	.9909101	-.312896	.0040209	1.601778	6.062171	.0096551
#2	19.55505	.9965843	-.313440	.0042477	1.611014	6.047329	.0104964
#3	19.37797	.9983770	-.311552	.0032927	1.609646	6.095719	.0072412

Sample Name: I4777-11 Acquired: 8/15/2017 19:38:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGQ8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9673332	.0079140	.0424119
Stddev	.0017332	.0000830	.0000169
%RSD	.1791739	1.049012	.0397860

#1	.9674975	.0078359	.0424283
#2	.9689785	.0080012	.0424128
#3	.9655238	.0079049	.0423946

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1151.820	2042.549	42625.82	10036.97	2852.306
Stddev	5.837	2.188	158.08	38.97	3.860
%RSD	.5067499	.1071143	.3708551	.3882238	.1353412

#1	1145.430	2043.991	42516.23	9997.16	2855.772
#2	1156.870	2043.624	42554.20	10038.73	2853.001
#3	1153.159	2040.031	42807.04	10075.03	2848.145

Sample Name: I4777-12 Acquired: 8/15/2017 19:42:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGQ9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0557811	-.017031	1.360895	-.003550	.0049523	78.36233	1.878527
Stddev	.0026140	.002791	.008463	.005645	.0011202	.20471	.005488
%RSD	4.686186	16.38499	.6218555	159.0379	22.61968	.2612298	.2921529

#1	.0535297	-.014019	1.367538	-.002089	.0062321	78.52335	1.881201
#2	.0586479	-.017545	1.363781	-.009782	.0044750	78.43169	1.882165
#3	.0551656	-.019529	1.351367	.001222	.0041499	78.13196	1.872214

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096792	.0415456	717.4052	.1400186	.0724020	.3649303	186.9911
Stddev	.0001003	.0001798	.8930	.0004212	.0005486	.0009995	.3336
%RSD	1.036341	.4328207	.1244711	.3008426	.7577503	.2738812	.1784098

#1	.0097595	.0413698	717.8815	.1404996	.0728641	.3645933	187.1451
#2	.0095668	.0417292	717.9590	.1398406	.0717957	.3660547	187.2199
#3	.0097114	.0415377	716.3750	.1397156	.0725463	.3641429	186.6083

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.830645	54.27707	.1899672	.0009527	3.595659	.2757412	4.149410
Stddev	.013740	.19087	.0008236	.0001795	.139644	.0007981	.005511
%RSD	.2356548	.3516675	.4335586	18.83843	3.883695	.2894490	.1328259

#1	5.835699	54.31402	.1901442	.0009236	3.726098	.2759243	4.143347
#2	5.841142	54.44677	.1890694	.0011449	3.612535	.2764319	4.154116
#3	5.815094	54.07043	.1906878	.0007895	3.448343	.2748674	4.150768

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.86818	1.421874	-.178974	.0318411	9.078010	7.426818	.0218913
Stddev	.08343	.007479	.000703	.0004539	.046817	.156685	.0022747
%RSD	.4421950	.5259867	.3925903	1.425380	.5157184	2.109713	10.39094

#1	18.95616	1.430483	-.179368	.0322509	9.129938	7.607742	.0229144
#2	18.85821	1.418160	-.179392	.0313533	9.039031	7.336196	.0192846
#3	18.79019	1.416979	-.178163	.0319192	9.065059	7.336517	.0234747

Sample Name: I4777-12 Acquired: 8/15/2017 19:42:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METGQ9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.176739	.0100267	.1607264
Stddev	.004434	.0000845	.0003096
%RSD	.3767789	.8427588	.1926299

#1	1.179565	.0100904	.1607833
#2	1.179023	.0100588	.1610036
#3	1.171629	.0099308	.1603923

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1042.987	1850.571	38662.43	9489.054	2393.501
Stddev	4.720	9.471	125.41	30.473	14.023
%RSD	.4525496	.5117820	.3243763	.3211387	.5858752

#1	1039.617	1840.180	38520.98	9454.971	2377.312
#2	1040.963	1852.815	38706.27	9498.524	2401.311
#3	1048.382	1858.718	38760.03	9513.668	2401.880

Sample Name: I4777-13 Acquired: 8/15/2017 19:46:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGR0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0597553	-.022756	1.299185	-.003804	.0050489	71.62283	1.835781
Stddev	.0038794	.005247	.010223	.002463	.0024857	.53474	.011839
%RSD	6.492066	23.05917	.7868927	64.75481	49.23312	.7466063	.6448872

#1	.0556169	-.021739	1.290878	-.002486	.0027279	71.92551	1.844578
#2	.0603398	-.018091	1.296074	-.002280	.0076717	71.93757	1.840445
#3	.0633093	-.028437	1.310602	-.006646	.0047470	71.00540	1.822321

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100531	.0435841	466.3877	.2150955	.0776669	.3521796	222.4917
Stddev	.0000192	.0004595	3.3095	.0012532	.0002761	.0044997	1.5592
%RSD	.1906566	1.054257	.7096106	.5826137	.3555153	1.277661	.7007791

#1	.0100319	.0432930	467.6996	.2136628	.0776655	.3555661	223.2474
#2	.0100691	.0433456	468.8401	.2159878	.0773915	.3538989	223.5291
#3	.0100585	.0441138	462.6233	.2156359	.0779438	.3470738	220.6987

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.838818	65.34553	.2068779	.0018187	3.463301	.3276245	3.338126
Stddev	.056927	.54256	.0011651	.0002432	.112798	.0030319	.013829
%RSD	.8324112	.8302909	.5631933	13.36935	3.256956	.9254076	.4142788

#1	6.874147	65.78396	.2057363	.0020614	3.407421	.3267201	3.342849
#2	6.869159	65.51387	.2068322	.0018198	3.593131	.3310056	3.322554
#3	6.773147	64.73875	.2080652	.0015751	3.389351	.3251477	3.348975

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.74187	1.756004	-.250089	.0415838	10.43147	5.988511	.0395813
Stddev	.19665	.009348	.002712	.0004196	.07513	.136952	.0019778
%RSD	1.174576	.5323441	1.084545	1.009148	.7202043	2.286915	4.996722

#1	16.80576	1.752909	-.248402	.0416105	10.38124	5.928180	.0397687
#2	16.89863	1.748596	-.253218	.0411514	10.39535	6.145270	.0414587
#3	16.52122	1.766507	-.248649	.0419894	10.51784	5.892082	.0375165

Sample Name: I4777-13 Acquired: 8/15/2017 19:46:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGR0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.165635	.0087841	.1128944
Stddev	.003745	.0000797	.0008944
%RSD	.3212724	.9076331	.7922655

#1	1.168532	.0088722	.1135798
#2	1.166966	.0087633	.1132208
#3	1.161406	.0087168	.1118826

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1060.123	1888.565	39496.74	9642.729	2487.807
Stddev	6.627	8.546	54.98	73.293	15.836
%RSD	.6251203	.4525103	.1392134	.7600824	.6365554

#1	1054.365	1885.574	39434.86	9604.272	2491.021
#2	1067.367	1898.204	39515.41	9596.670	2501.789
#3	1058.637	1881.917	39539.96	9727.247	2470.610

Sample Name: CCV017 Acquired: 8/15/2017 19:50:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV017 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.800034	4.657016	23.63096	4.807555	4.801225	402.1972
Stddev	.089483	.092987	.51693	.106037	.114374	2.5350
%RSD	1.864218	1.996718	2.187518	2.205633	2.382186	.6302901

#1	4.735901	4.582621	23.24563	4.715605	4.713729	403.1214
#2	4.902261	4.761264	24.21841	4.923550	4.930646	404.1404
#3	4.761941	4.627164	23.42883	4.783511	4.759301	399.3297

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.853047	.5054445	2.415870	407.8400	14.83028	2.431700
Stddev	.047902	.0023914	.052687	.1548	.01025	.052944
%RSD	.4861675	.4731290	2.180880	.0379642	.0691267	2.177227

#1	9.837794	.5081364	2.376558	407.9247	14.83472	2.391482
#2	9.814629	.5046314	2.475737	407.9340	14.83757	2.491683
#3	9.906719	.5035657	2.395317	407.6613	14.81856	2.411936

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.85348	401.9621	14.58767	405.5881	2.341502	1.284829
Stddev	.04406	.1874	.00328	.2728	.054089	.002169
%RSD	.2966327	.0466271	.0224550	.0672555	2.310027	.1688147

#1	14.89917	402.1422	14.59033	405.3252	2.299529	1.283626
#2	14.85002	401.7681	14.58401	405.8698	2.402543	1.287333
#3	14.81125	401.9760	14.58868	405.5692	2.322433	1.283529

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	408.3401	2.435261	13.85948	150.3489	F 6.253752	F 4.219599
Stddev	1.1107	.005712	.07795	.2559	.136555	.013513
%RSD	.2720025	.2345419	.5624204	.1701863	2.183569	.3202382

#1	409.3410	2.440561	13.78059	150.5918	6.148778	4.233168
#2	408.5342	2.436011	13.86138	150.3732	6.408134	4.206143
#3	407.1452	2.429212	13.93646	150.0818	6.204343	4.219485

Sample Name: CCV017 Acquired: 8/15/2017 19:50:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV017 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.756015	5.097877	4.892287	4.788208	4.883335	6.069424
Stddev	.105246	.122151	.017929	.107781	.012619	.021004
%RSD	2.212911	2.396122	.3664739	2.250977	.2584091	.3460651

#1	4.672574	5.000075	4.912464	4.703819	4.896012	6.047169
#2	4.874253	5.234795	4.878185	4.909622	4.883217	6.072202
#3	4.721218	5.058760	4.886211	4.751184	4.870775	6.088901

Elem	Sr4077
Units	ppm
Avg	6.951557
Stddev	.027169
%RSD	.3908279

#1	6.974649
#2	6.958400
#3	6.921621

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	871.7790	1583.281	33030.91	8227.853	2129.446
Stddev	1.9583	27.285	35.35	25.679	38.324
%RSD	.2246287	1.723315	.1070248	.3120983	1.799723

#1	873.3983	1606.071	33029.26	8198.358	2160.776
#2	872.3362	1553.047	32996.41	8239.961	2086.715
#3	869.6025	1590.726	33067.06	8245.239	2140.847

Sample Name: CCB017 Acquired: 8/15/2017 19:55:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB017 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003871	.0003429	-.003154	-.000157	-.000923	.0025584	-.003002
Stddev	.0015838	.0008607	.000669	.002031	.001584	.0010810	.000116
%RSD	409.1253	251.0275	21.22681	1289.972	171.6600	42.25133	3.875281

#1	.0009623	.0007540	-.003839	.000872	-.002571	.0014255	-.002957
#2	-.001404	-.000646	-.003120	-.002497	-.000787	.0026710	-.002916
#3	.001603	.000921	-.002502	.001153	.000589	.0035786	-.003135

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000051	-.000065	.0188434	-.000765	.0000720	.0010110	.0060019
Stddev	.000017	.000063	.0037270	.000186	.0001628	.0003136	.0045602
%RSD	33.33776	96.99516	19.77881	24.38639	226.1000	31.02176	75.98016

#1	-.000069	.000007	.0146886	-.000831	.0001358	.0013729	.0111418
#2	-.000050	-.000108	.0199490	-.000554	.0001933	.0008196	.0044226
#3	-.000035	-.000093	.0218924	-.000909	-.000113	.0008404	.0024412

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002785	-.009165	.0001997	-.000030	-.092147	-.001816	-.000169
Stddev	.0001149	.023868	.0002374	.000125	.069505	.001729	.000481
%RSD	41.25189	260.4107	118.8523	416.2436	75.42789	95.21099	285.6604

#1	.0001497	-.034550	.0004231	.000004	-.162596	-.003663	.000387
#2	.0003705	.012821	-.000049	.000074	-.090220	-.001549	-.000445
#3	.0003153	-.005767	.000225	-.000168	-.023627	-.000236	-.000448

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2690014	-.000250	.0043454	.0007015	.0063650	.0005491	.0009362
Stddev	.0151782	.000209	.0004705	.0002098	.0007299	.0013689	.0012670
%RSD	5.642410	83.56963	10.82835	29.90792	11.46721	249.3191	135.3358

#1	.2738314	-.000409	.0038205	.0008581	.0061638	.0020513	.0023970
#2	.2519960	-.000013	.0047293	.0004631	.0057568	.0002238	.0002759
#3	.2811768	-.000327	.0044865	.0007832	.0071743	-.000628	.0001357

Sample Name: CCB017 Acquired: 8/15/2017 19:55:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB017 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006632	.0005562	.0001291
Stddev	.0002410	.0000474	.0000082
%RSD	36.33322	8.517460	6.376989

#1	.0004063	.0006070	.0001268
#2	.0008843	.0005133	.0001382
#3	.0006991	.0005482	.0001222

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1090.670	1956.334	39670.91	8814.342	3383.601
Stddev	3.996	6.821	145.97	10.312	7.231
%RSD	.3664091	.3486873	.3679572	.1169905	.2137072

#1	1086.624	1960.295	39675.26	8808.254	3388.354
#2	1094.614	1948.457	39814.66	8826.248	3375.280
#3	1090.770	1960.249	39522.82	8808.523	3387.170

Sample Name: I4777-14 Acquired: 8/15/2017 19:59:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGR1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0697041	-.015248	.6514433	-.004383	.0035364	78.82668	1.999320
Stddev	.0034007	.000837	.0087855	.002294	.0017237	.12404	.005191
%RSD	4.878770	5.490583	1.348619	52.34439	48.74228	.1573558	.2596362

#1	.0695164	-.016171	.6593698	-.007017	.0046878	78.93378	2.005263
#2	.0664012	-.014538	.6419971	-.003317	.0043668	78.85549	1.995672
#3	.0731948	-.015034	.6529631	-.002816	.0015547	78.69077	1.997024

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075784	.0391688	83.07836	.1179112	.0880426	.2439474	157.1002
Stddev	.0000108	.0007278	.35769	.0016440	.0014052	.0015060	.2614
%RSD	.1427243	1.858225	.4305420	1.394265	1.596070	.6173250	.1664038

#1	.0075868	.0398854	82.78971	.1163553	.0891671	.2454132	156.9623
#2	.0075823	.0384302	83.47852	.1177473	.0864673	.2440247	157.4017
#3	.0075662	.0391910	82.96685	.1196310	.0884935	.2424042	156.9367

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.163660	31.25208	.1965857	.0013976	1.723788	.2185229	2.458752
Stddev	.014556	.06004	.0038224	.0003045	.114406	.0044589	.005886
%RSD	.2361540	.1921179	1.944403	21.78396	6.636883	2.040461	.2394067

#1	6.147971	31.18341	.2000377	.0010623	1.599179	.2212171	2.460651
#2	6.176726	31.29465	.1924777	.0014738	1.748103	.2209754	2.463454
#3	6.166283	31.27818	.1972416	.0016568	1.824081	.2133761	2.452150

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.19256	1.074251	-.346671	.0056964	2.395088	5.215534	.0124550
Stddev	.04662	.017242	.001638	.0000916	.045778	.032781	.0015419
%RSD	.2429193	1.605047	.4725118	1.607311	1.911314	.6285209	12.38004

#1	19.14074	1.082730	-.345174	.0055909	2.428008	5.249952	.0141442
#2	19.20583	1.054410	-.346418	.0057545	2.342812	5.211965	.0111230
#3	19.23111	1.085611	-.348421	.0057440	2.414445	5.184683	.0120979

Sample Name: I4777-14 Acquired: 8/15/2017 19:59:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGR1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7260644	.0094663	.0485339
Stddev	.0020361	.0001036	.0000890
%RSD	.2804275	1.094562	.1833911

#1	.7283630	.0095692	.0485984
#2	.7244872	.0093620	.0484323
#3	.7253430	.0094676	.0485708

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1166.997	2093.717	42797.39	10127.15	2854.029
Stddev	5.758	23.756	80.93	26.57	39.144
%RSD	.4934192	1.134653	.1890907	.2623842	1.371531

#1	1160.348	2077.660	42879.06	10096.80	2827.894
#2	1170.314	2121.007	42795.86	10138.42	2899.034
#3	1170.328	2082.486	42717.23	10146.22	2835.160

Sample Name: I4777-15 Acquired: 8/15/2017 20:03:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGR2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0682031	-.011208	.5350149	-.003933	.0024340	67.64823	1.921898
Stddev	.0020852	.001636	.0010405	.002632	.0011226	.20538	.004092
%RSD	3.057368	14.59715	.1944862	66.91037	46.12315	.3035967	.2129087

#1	.0658723	-.009354	.5339188	-.006116	.0033926	67.66449	1.923806
#2	.0698916	-.012447	.5359891	-.001011	.0011990	67.43521	1.917201
#3	.0688453	-.011825	.5351366	-.004673	.0027105	67.84500	1.924688

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064673	.0274527	69.47593	.1026233	.0784068	.4295220	134.1028
Stddev	.0000780	.0000661	.08471	.0005361	.0000880	.0020173	.1049
%RSD	1.206388	.2407348	.1219206	.5224199	.1123032	.4696607	.0782132

#1	.0063773	.0275274	69.37978	.1031593	.0783201	.4311134	134.0371
#2	.0065087	.0274021	69.53955	.1020871	.0784961	.4272532	134.0476
#3	.0065160	.0274284	69.50847	.1026236	.0784041	.4301996	134.2238

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.524000	26.26309	.1531715	.0010373	1.304476	.1895219	1.682134
Stddev	.008778	.10214	.0009143	.0001386	.042273	.0007284	.004900
%RSD	.1589018	.3889039	.5969005	13.36461	3.240631	.3843445	.2912916

#1	5.526250	26.37505	.1539609	.0010493	1.348253	.1893107	1.679757
#2	5.531434	26.23923	.1521697	.0008931	1.263887	.1889224	1.687769
#3	5.514317	26.17500	.1533838	.0011696	1.301289	.1903326	1.678877

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.00807	.9268363	-.298793	.0047496	1.806236	5.824014	.0088861
Stddev	.01355	.0049496	.000482	.0000750	.004996	.015080	.0010234
%RSD	.0796669	.5340296	.1611901	1.579432	.2766207	.2589241	11.51700

#1	17.00837	.9253215	-.298647	.0048189	1.811955	5.810033	.0090150
#2	16.99437	.9228211	-.299330	.0047601	1.804036	5.822016	.0078043
#3	17.02147	.9323662	-.298401	.0046699	1.802717	5.839993	.0098390

Sample Name: I4777-15 Acquired: 8/15/2017 20:03:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METGR2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8268805	.0076526	.0455682
Stddev	.0036304	.0000650	.0000397
%RSD	.4390445	.8498701	.0870821

#1	.8234130	.0076805	.0455379
#2	.8265743	.0075783	.0455535
#3	.8306543	.0076991	.0456131

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1162.432	2069.978	42600.96	10051.63	2879.571
Stddev	6.780	7.126	109.81	19.08	10.227
%RSD	.5832345	.3442499	.2577685	.1898618	.3551436

#1	1157.207	2074.337	42474.68	10029.60	2883.974
#2	1159.997	2073.843	42674.05	10062.30	2886.859
#3	1170.093	2061.755	42654.14	10062.99	2867.880

Sample Name: I4777-19 Acquired: 8/15/2017 20:07:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGR4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0468001	-.015248	1.346342	-.003729	.0016677	55.78420
Stddev	.0027976	.002313	.010962	.006376	.0008166	.06259
%RSD	5.977677	15.16967	.8141697	170.9760	48.96847	.1122060

#1	.0435700	-.017556	1.338705	-.008075	.0008260	55.72238
#2	.0484433	-.012929	1.358902	.003590	.0017203	55.78268
#3	.0483871	-.015259	1.341420	-.006703	.0024567	55.84754

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.419209	.0065039	.0340685	F 1532.233	.1210556	.0630937
Stddev	.000259	.0000361	.0001112	8.167	.0007316	.0004715
%RSD	.0182590	.5547367	.3262811	.5330015	.6043492	.7472581

#1	1.419461	.0065383	.0339527	1538.619	.1211617	.0634567
#2	1.419222	.0065071	.0341743	1535.049	.1217283	.0632636
#3	1.418943	.0064663	.0340786	1523.030	.1202767	.0625608

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2967529	114.4977	5.157891	110.4151	.1757053	.0011089
Stddev	.0011384	.1356	.010141	.0701	.0013297	.0002539
%RSD	.3836118	.1183969	.1966068	.0634944	.7568023	22.89432

#1	.2977053	114.4817	5.166833	110.4364	.1766716	.0008587
#2	.2970612	114.3708	5.146873	110.3369	.1762555	.0013663
#3	.2954921	114.6405	5.159966	110.4721	.1741888	.0011016

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.098369	.1882248	4.564543	14.17248	1.428917	-.224660
Stddev	.159052	.0008825	.016681	.06073	.001021	.003159
%RSD	7.579783	.4688404	.3654372	.4285393	.0714427	1.405926

#1	2.199030	.1887988	4.553887	14.23618	1.429743	-.228299
#2	1.915005	.1872087	4.555975	14.11523	1.429232	-.222629
#3	2.181072	.1886669	4.583766	14.16604	1.427776	-.223052

Sample Name: I4777-19 Acquired: 8/15/2017 20:07:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGR4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073375	8.035194	3.364257	.0117981	.6217596	.0118522
Stddev	.0007442	.019085	.022134	.0016083	.0040217	.0000312
%RSD	10.14228	.2375233	.6579123	13.63175	.6468290	.2634261

#1	.0081880	8.013376	3.384318	.0136502	.6221272	.0118324
#2	.0070189	8.043411	3.340513	.0109902	.6175666	.0118361
#3	.0068057	8.048794	3.367939	.0107539	.6255848	.0118882

Elem	Sr4077
Units	ppm
Avg	.2782497
Stddev	.0005576
%RSD	.2004059

#1	.2787056
#2	.2776279
#3	.2784155

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1000.788	1776.194	36835.34	9220.827	2198.274
Stddev	3.990	8.194	77.83	24.390	3.156
%RSD	.3986565	.4613230	.2113025	.2645065	.1435667

#1	996.239	1769.766	36756.15	9192.664	2194.856
#2	1002.435	1785.420	36911.74	9234.844	2201.077
#3	1003.691	1773.396	36838.12	9234.972	2198.890

Sample Name: I4777-20 Acquired: 8/15/2017 20:11:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGR5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0572326	-.014583	.9596613	-.004465	.0039756	71.56455	1.958830
Stddev	.0062588	.001971	.0101664	.002623	.0012837	.16082	.007880
%RSD	10.93578	13.51509	1.059375	58.74787	32.29030	.2247268	.4022666

#1	.0640384	-.014600	.9665020	-.007247	.0036285	71.62793	1.965943
#2	.0559356	-.012604	.9645029	-.002036	.0029010	71.68403	1.960186
#3	.0517239	-.016546	.9479790	-.004113	.0053971	71.38169	1.950360

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066399	.0435277	144.6412	.1082367	.0842361	.2864747	148.9325
Stddev	.0001153	.0002126	.6957	.0002850	.0006790	.0017088	.6563
%RSD	1.736855	.4884181	.4810057	.2632950	.8060800	.5964831	.4406665

#1	.0065358	.0435670	143.8532	.1080439	.0839722	.2882359	148.1821
#2	.0067638	.0437179	144.8997	.1081021	.0850074	.2863646	149.2156
#3	.0066200	.0432982	145.1707	.1085641	.0837287	.2848237	149.3997

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.464602	42.33785	.1800062	.0021663	1.638055	.1986791	3.104853
Stddev	.034676	.25384	.0016746	.0001921	.024675	.0014340	.008547
%RSD	.5363929	.5995599	.9302841	8.867663	1.506370	.7217752	.2752704

#1	6.426524	42.06127	.1810109	.0020594	1.636629	.2001303	3.114306
#2	6.472921	42.39210	.1809347	.0023881	1.614123	.1986441	3.102585
#3	6.494362	42.56019	.1780731	.0020514	1.663412	.1972629	3.097670

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.70548	1.634298	-.345569	.0037473	3.188348	4.020087	.0251652
Stddev	.08157	.014246	.001222	.0003303	.036311	.024255	.0027979
%RSD	.4360941	.8716770	.3535498	8.814083	1.138853	.6033382	11.11813

#1	18.75074	1.646510	-.344159	.0039702	3.220249	3.997186	.0261975
#2	18.75438	1.637736	-.346221	.0033679	3.195961	4.045500	.0219978
#3	18.61131	1.618648	-.346326	.0039040	3.148835	4.017576	.0273002

Sample Name: I4777-20 Acquired: 8/15/2017 20:11:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METGR5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8107928	.0085129	.0525979
Stddev	.0016646	.0000907	.0001748
%RSD	.2053089	1.065125	.3322664

#1	.8098745	.0086098	.0527834
#2	.8127144	.0084302	.0525740
#3	.8097896	.0084986	.0524364

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1115.246	2002.105	41481.12	9974.709	2735.854
Stddev	6.799	18.430	72.22	39.637	25.517
%RSD	.6096760	.9205381	.1741103	.3973784	.9326750

#1	1107.511	1985.273	41418.13	10017.11	2711.529
#2	1117.947	1999.244	41559.94	9968.44	2733.618
#3	1120.280	2021.799	41465.27	9938.58	2762.415

Sample Name: I4777-21 Acquired: 8/15/2017 20:15:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGR6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0691740	-.017800	.5062731	-.005704	.0036588	75.67280	2.307252
Stddev	.0029081	.000883	.0031141	.001303	.0008842	.08309	.005560
%RSD	4.204036	4.961811	.6150939	22.84555	24.16504	.1098068	.2409658

#1	.0709935	-.018732	.5052603	-.004424	.0046752	75.58508	2.310586
#2	.0707085	-.017695	.5037915	-.005660	.0030676	75.75032	2.310338
#3	.0658200	-.016975	.5097674	-.007029	.0032336	75.68301	2.300834

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069627	.0538698	53.07382	.1105444	.1587323	.2315461	171.1668
Stddev	.0000857	.0004297	.42904	.0009652	.0001999	.0004938	.9124
%RSD	1.231289	.7975894	.8083857	.8731119	.1259562	.2132553	.5330592

#1	.0070608	.0542204	52.63503	.1102806	.1586506	.2318282	170.3488
#2	.0069022	.0539985	53.09404	.1097386	.1589602	.2318342	171.0009
#3	.0069251	.0533905	53.49240	.1116141	.1585862	.2309759	172.1508

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.09057	28.41100	.2442068	.0012276	1.466611	.2073774	2.598781
Stddev	.06408	.08419	.0008933	.0001638	.051786	.0025472	.018546
%RSD	.5777634	.2963416	.3657957	13.34270	3.530984	1.228296	.7136592

#1	11.02722	28.31386	.2431768	.0010454	1.440652	.2045251	2.578054
#2	11.08915	28.45631	.2447702	.0012750	1.526242	.2094254	2.604478
#3	11.15535	28.46283	.2446733	.0013625	1.432939	.2081816	2.613810

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.72000	1.225558	-.415537	.0054080	1.325497	4.724789	.0113860
Stddev	.02997	.003859	.000701	.0002408	.006295	.055706	.0014008
%RSD	.1519533	.3148650	.1686354	4.451769	.4748830	1.179025	12.30301

#1	19.75211	1.221234	-.415001	.0056860	1.327346	4.769141	.0097795
#2	19.71509	1.226787	-.416330	.0052693	1.318485	4.662266	.0120258
#3	19.69279	1.228652	-.415280	.0052687	1.330660	4.742959	.0123527

Sample Name: I4777-21 Acquired: 8/15/2017 20:15:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGR6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8227292	.0083563	.0461009
Stddev	.0036669	.0000872	.0001036
%RSD	.4457037	1.042889	.2247530

#1	.8259722	.0084172	.0461369
#2	.8187500	.0083952	.0461817
#3	.8234653	.0082564	.0459841

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1165.776	2073.278	42998.46	10097.40	2847.609
Stddev	4.118	11.227	99.69	12.03	3.348
%RSD	.3532007	.5415128	.2318547	.1191490	.1175726

#1	1162.172	2061.845	42883.35	10088.43	2843.990
#2	1164.894	2073.701	43054.80	10111.08	2850.597
#3	1170.264	2084.288	43057.22	10092.71	2848.239

Sample Name: I4777-22 Acquired: 8/15/2017 20:19:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGR7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0611129	-.012199	.6672234	-.009182	.0027743	82.74826	1.956942
Stddev	.0055464	.004261	.0041511	.002129	.0004517	.14415	.004734
%RSD	9.075584	34.93367	.6221416	23.18371	16.27986	.1742090	.2419033

#1	.0592919	-.012156	.6710057	-.010045	.0032880	82.62564	1.956061
#2	.0673408	-.007959	.6627824	-.010743	.0025955	82.90706	1.962055
#3	.0567060	-.016481	.6678821	-.006757	.0024394	82.71209	1.952711

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073554	.0253644	135.5661	.1142908	.0921273	.2602728	155.5956
Stddev	.0001107	.0002142	.2205	.0041322	.0007715	.0003739	.2741
%RSD	1.504856	.8443381	.1626662	3.615481	.8374746	.1436609	.1761426

#1	.0072299	.0254767	135.3455	.1097301	.0924345	.2606237	155.3533
#2	.0073975	.0251174	135.7866	.1153569	.0912494	.2603154	155.8931
#3	.0074389	.0254990	135.5663	.1177855	.0926979	.2598795	155.5404

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.671697	42.44376	.2067858	.0018844	1.267165	.2144829	2.315078
Stddev	.010397	.10189	.0011837	.0003505	.072117	.0030729	.052893
%RSD	.1833058	.2400623	.5724332	18.60187	5.691234	1.432689	2.284734

#1	5.659723	42.40353	.2073819	.0022872	1.191860	.2115141	2.254930
#2	5.676935	42.55963	.2054226	.0016485	1.274032	.2176503	2.354337
#3	5.678432	42.36813	.2075530	.0017174	1.335603	.2142844	2.335969

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.88180	1.143652	-.371347	.0030098	1.967413	4.554638	.0143418
Stddev	.03880	.010360	.003125	.0001188	.016435	.064973	.0004512
%RSD	.2054782	.9059101	.8416517	3.947120	.8353679	1.426514	3.146252

#1	18.91657	1.145672	-.369030	.0030288	1.969305	4.596708	.0148426
#2	18.88888	1.132430	-.370110	.0031180	1.950114	4.587398	.0142162
#3	18.83995	1.152854	-.374902	.0028827	1.982820	4.479806	.0139667

Sample Name: I4777-22 Acquired: 8/15/2017 20:19:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGR7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7567256	.0098090	.0587783
Stddev	.0019696	.0000191	.0001465
%RSD	.2602812	.1946726	.2491964

#1	.7584308	.0098310	.0588054
#2	.7571764	.0097969	.0589093
#3	.7545697	.0097991	.0586202

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1173.164	2050.272	43190.57	10106.04	2742.760
Stddev	23.977	12.428	1009.43	22.19	14.475
%RSD	2.043778	.6061702	2.337160	.2195401	.5277379

#1	1200.845	2038.618	44352.65	10086.78	2727.978
#2	1158.874	2063.352	42531.22	10130.30	2756.906
#3	1159.773	2048.847	42687.83	10101.03	2743.396

Sample Name: I4778-01 Acquired: 8/15/2017 20:23:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METH15 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0784198	-.012264	.7918374	-.002336	.0045731	78.27676	1.863435
Stddev	.0048255	.002918	.0026802	.002039	.0025522	.10366	.004282
%RSD	6.153422	23.79006	.3384723	87.28028	55.80812	.1324222	.2298146

#1	.0774800	-.009332	.7904183	-.002054	.0071911	78.28164	1.863494
#2	.0741333	-.015168	.7949287	-.004502	.0020923	78.37788	1.867688
#3	.0836460	-.012292	.7901652	-.000453	.0044360	78.17074	1.859123

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071569	.0818230	64.64431	.1231626	.1040429	.3127343	148.3764
Stddev	.0001211	.0003583	.05915	.0006857	.0005873	.0022858	.0433
%RSD	1.692291	.4379137	.0914994	.5567774	.5644623	.7309080	.0291937

#1	.0070848	.0816245	64.69613	.1231406	.1047173	.3132044	148.4124
#2	.0070891	.0822367	64.65693	.1224882	.1036442	.3147484	148.3283
#3	.0072967	.0816080	64.57987	.1238591	.1037670	.3102500	148.3884

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.645230	29.82935	.1851651	.0025050	1.338374	.2219371	3.419629
Stddev	.010202	.07414	.0005153	.0001186	.084361	.0031094	.026616
%RSD	.1334404	.2485613	.2782750	4.733007	6.303267	1.401013	.7783192

#1	7.643900	29.86548	.1857578	.0026295	1.300074	.2224360	3.393358
#2	7.656032	29.87850	.1848241	.0023934	1.279957	.2247668	3.446576
#3	7.635758	29.74406	.1849133	.0024923	1.435092	.2186084	3.418952

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.52774	1.121754	-.348663	.0025474	3.589590	4.769654	.0374258
Stddev	.06452	.001807	.001962	.0004097	.008500	.046909	.0011549
%RSD	.3143110	.1611303	.5627384	16.08277	.2368002	.9834872	3.085726

#1	20.59184	1.119979	-.349996	.0022370	3.595796	4.783395	.0381629
#2	20.52858	1.123592	-.346410	.0030117	3.593073	4.808158	.0360948
#3	20.46280	1.121692	-.349583	.0023934	3.579902	4.717409	.0380195

Sample Name: I4778-01 Acquired: 8/15/2017 20:23:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH15 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6200633	.0091927	.0536166
Stddev	.0022449	.0000536	.0000848
%RSD	.3620495	.5825545	.1581970

#1	.6221986	.0091615	.0536082
#2	.6202684	.0092546	.0537053
#3	.6177228	.0091621	.0535362

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1144.894	2038.494	42402.04	9970.110	2848.335
Stddev	8.095	8.696	39.22	24.749	6.269
%RSD	.7070611	.4265682	.0924961	.2482273	.2200781

#1	1148.301	2029.301	42397.67	9941.728	2841.574
#2	1135.653	2046.587	42365.19	9981.415	2853.953
#3	1150.730	2039.594	42443.26	9987.188	2849.479

Sample Name: I4778-02 Acquired: 8/15/2017 20:27:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METH16 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0743179	-.012814	.7520335	-.002104	.0026203	74.26054	1.799457
Stddev	.0023506	.000932	.0059982	.002169	.0016209	.08144	.004594
%RSD	3.162926	7.269778	.7975986	103.1200	61.85767	.1096664	.2553059

#1	.0757832	-.012273	.7453916	-.004546	.0041383	74.34481	1.804711
#2	.0716066	-.013890	.7570550	-.000400	.0009132	74.18226	1.797466
#3	.0755640	-.012280	.7536540	-.001365	.0028095	74.25454	1.796194

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065862	.0763189	57.60726	.1224869	.0913138	.3097736	136.8868
Stddev	.0000525	.0002823	.24840	.0007274	.0005044	.0009740	.3961
%RSD	.7970744	.3699264	.4311988	.5938587	.5523584	.3144354	.2893872

#1	.0065516	.0760127	57.34094	.1231086	.0909773	.3107278	136.4341
#2	.0066466	.0765689	57.64819	.1226653	.0910703	.3098123	137.0565
#3	.0065604	.0763750	57.83266	.1216869	.0918937	.3087808	137.1699

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.805360	26.90243	.1690059	.0019935	1.377035	.2106307	3.203638
Stddev	.020245	.01351	.0007445	.0000406	.003006	.0014532	.029401
%RSD	.2974906	.0502067	.4404938	2.034962	.2183040	.6899256	.9177473

#1	6.782017	26.90846	.1694650	.0019521	1.374540	.2118289	3.215121
#2	6.818112	26.91186	.1694058	.0020332	1.380373	.2110489	3.170228
#3	6.815953	26.88695	.1681470	.0019952	1.376191	.2090142	3.225564

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.70634	1.056275	-.313808	.0031990	3.328984	4.773015	.0168595
Stddev	.07161	.004161	.001638	.0003051	.019006	.077761	.0006933
%RSD	.3633988	.3939341	.5218970	9.538775	.5709132	1.629176	4.112231

#1	19.62407	1.052307	-.312499	.0029774	3.307295	4.762936	.0176461
#2	19.75471	1.055913	-.315644	.0035470	3.336929	4.855324	.0165955
#3	19.74024	1.060606	-.313281	.0030725	3.342728	4.700785	.0163371

Sample Name: I4778-02 Acquired: 8/15/2017 20:27:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH16 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6351730	.0086348	.0494784
Stddev	.0037968	.0000596	.0000608
%RSD	.5977499	.6897337	.1228783

#1	.6376464	.0086856	.0495401
#2	.6308015	.0086496	.0494766
#3	.6370711	.0085692	.0494185

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1147.483	2043.707	42434.22	10005.44	2879.680
Stddev	10.211	6.036	91.77	26.07	1.906
%RSD	.8898544	.2953380	.2162633	.2605343	.0662010

#1	1141.699	2041.485	42463.10	10035.28	2881.557
#2	1159.273	2039.098	42508.07	9993.91	2877.745
#3	1141.478	2050.539	42331.48	9987.12	2879.738

Sample Name: I4778-03 Acquired: 8/15/2017 20:31:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METH17 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0936577	-.013361	.5562523	-.002644	.0022406	82.54525	2.061198
Stddev	.0029604	.000542	.0020472	.001456	.0010107	.08590	.002113
%RSD	3.160913	4.055946	.3680372	55.08689	45.11145	.1040691	.1025260

#1	.0963680	-.013964	.5586118	-.001779	.0011967	82.63105	2.061974
#2	.0941067	-.012914	.5551970	-.001827	.0032145	82.45924	2.062813
#3	.0904984	-.013206	.5549480	-.004325	.0023104	82.54544	2.058806

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074017	.0665191	40.50466	.1258721	.1152442	.2475559	150.2171
Stddev	.0000946	.0004841	.08841	.0002231	.0004917	.0018654	.1712
%RSD	1.277947	.7277188	.2182651	.1772207	.4266337	.7535312	.1139866

#1	.0075047	.0661242	40.50844	.1258223	.1152954	.2483112	150.0781
#2	.0073188	.0663738	40.41442	.1256782	.1147289	.2454313	150.1647
#3	.0073817	.0670591	40.59111	.1261159	.1157083	.2489253	150.4084

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.219210	27.59721	.2705008	.0013948	1.164085	.2286814	2.557899
Stddev	.019277	.07452	.0003795	.0002314	.115233	.0008280	.024411
%RSD	.2345332	.2700442	.1403002	16.58898	9.898974	.3620704	.9543340

#1	8.222207	27.51278	.2705318	.0015951	1.204546	.2284316	2.543037
#2	8.198610	27.62502	.2701067	.0014478	1.034079	.2296055	2.586072
#3	8.236812	27.65384	.2708639	.0011415	1.253631	.2280070	2.544588

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.63115	.9693445	-.364394	.0018091	1.577713	6.799522	.0147943
Stddev	.01631	.0056660	.000344	.0004626	.006809	.047102	.0004777
%RSD	.0790465	.5845195	.0944590	25.57252	.4315841	.6927279	3.228967

#1	20.61980	.9729294	-.364756	.0014076	1.583138	6.842418	.0148884
#2	20.62381	.9628123	-.364354	.0017046	1.570072	6.807033	.0152180
#3	20.64983	.9722919	-.364071	.0023150	1.579930	6.749116	.0142766

Sample Name: I4778-03 Acquired: 8/15/2017 20:31:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH17 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6498460	.0089624	.0468778
Stddev	.0065534	.0000881	.0000409
%RSD	1.008451	.9829094	.0872445

#1	.6573660	.0090640	.0469239
#2	.6453551	.0089068	.0468637
#3	.6468169	.0089165	.0468458

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1186.911	2116.589	43187.59	10173.87	2893.422
Stddev	3.435	6.763	94.51	35.19	7.828
%RSD	.2894484	.3195292	.2188376	.3458498	.2705456

#1	1186.465	2109.294	43198.30	10133.31	2884.946
#2	1183.720	2117.822	43088.18	10192.15	2900.380
#3	1190.548	2122.650	43276.29	10196.16	2894.940

Sample Name: I4778-04 Acquired: 8/15/2017 20:35:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METH18 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0856356	-.014056	.4706662	.0003179	.0033451	88.75834	1.956287
Stddev	.0031054	.001196	.0012866	.0030870	.0013846	1.19013	.023324
%RSD	3.626304	8.508984	.2733601	971.0458	41.39077	1.340866	1.192259

#1	.0876708	-.015326	.4693814	.0020416	.0045836	87.96898	1.945554
#2	.0820612	-.012952	.4706625	.0021581	.0036014	88.17882	1.940262
#3	.0871747	-.013890	.4719547	-.003246	.0018503	90.12724	1.983046

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077860	.0522646	44.75100	.1224691	.1097466	.2478008	159.6434
Stddev	.0001708	.0003941	.73911	.0008250	.0001959	.0036896	2.3303
%RSD	2.194242	.7540649	1.651614	.6736756	.1785207	1.488936	1.459668

#1	.0075930	.0520548	44.18532	.1233265	.1096012	.2459425	157.7925
#2	.0078474	.0527193	44.48040	.1223999	.1099694	.2454099	158.8776
#3	.0079177	.0520198	45.58728	.1216808	.1096692	.2520501	162.2602

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.956766	30.71074	.1871128	.0014910	1.193680	.2362351	2.408840
Stddev	.119952	.49030	.0009410	.0005037	.066080	.0052458	.019322
%RSD	1.507552	1.596516	.5029002	33.78621	5.535815	2.220572	.8021417

#1	7.861630	30.35725	.1862688	.0012296	1.130122	.2337373	2.426764
#2	7.917154	30.50449	.1869422	.0011717	1.188897	.2327049	2.388371
#3	8.091514	31.27047	.1881274	.0020717	1.262021	.2422630	2.411385

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.30132	.9230121	-.391497	.0007163	1.949897	5.830754	.0131669
Stddev	.28608	.0029387	.005379	.0001690	.007356	.075748	.0012317
%RSD	1.409146	.3183768	1.374078	23.58828	.3772639	1.299113	9.354236

#1	20.11146	.9218092	-.387875	.0009114	1.952345	5.749840	.0128228
#2	20.16214	.9208658	-.388938	.0006204	1.955718	5.842446	.0121440
#3	20.63035	.9263614	-.397679	.0006172	1.941629	5.899977	.0145341

Sample Name: I4778-04 Acquired: 8/15/2017 20:35:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH18 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6051195	.0099260	.0506783
Stddev	.0091080	.0001285	.0007195
%RSD	1.505165	1.294127	1.419791

#1	.6004438	.0098637	.0503505
#2	.5992989	.0098406	.0501811
#3	.6156158	.0100737	.0515034

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1185.683	2104.347	43294.17	10106.08	2874.041
Stddev	13.680	2.992	201.35	119.80	3.427
%RSD	1.153762	.1421948	.4650742	1.185446	.1192536

#1	1169.977	2101.222	43065.60	10200.79	2877.813
#2	1195.000	2107.186	43371.56	10146.06	2873.192
#3	1192.071	2104.633	43445.34	9971.41	2871.118

Sample Name: I4778-05 Acquired: 8/15/2017 20:40:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METH19 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0618913	-.021045	.1913554	-.003888	.0014954	111.4217	1.875665
Stddev	.0040766	.002506	.0018425	.000658	.0004723	.1141	.002565
%RSD	6.586676	11.90817	.9628748	16.92124	31.58234	.1024384	.1367264

#1	.0573414	-.018186	.1909549	-.004593	.0020102	111.4826	1.878620
#2	.0631208	-.022862	.1933652	-.003782	.0013936	111.2900	1.874361
#3	.0652115	-.022087	.1897461	-.003290	.0010823	111.4924	1.874015

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094301	.0128765	48.70879	.1335166	.1002399	.2417109	193.3304
Stddev	.0000639	.0001943	.02085	.0004502	.0002856	.0006360	.2709
%RSD	.6779664	1.509177	.0427971	.3371835	.2849341	.2631206	.1401072

#1	.0094864	.0127484	48.68704	.1340155	.0999783	.2412725	193.1681
#2	.0093606	.0131001	48.71073	.1333935	.1005446	.2414198	193.1800
#3	.0094433	.0127809	48.72860	.1331408	.1001969	.2424403	193.6431

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.801091	37.70249	.2294971	.0013976	1.408226	.2345260	1.169383
Stddev	.009837	.07192	.0010854	.0001854	.077522	.0027290	.001147
%RSD	.1695684	.1907622	.4729421	13.26305	5.504932	1.163606	.0981156

#1	5.800899	37.64289	.2283635	.0011962	1.468893	.2366017	1.168338
#2	5.791352	37.78238	.2305268	.0015611	1.320890	.2314349	1.170611
#3	5.811023	37.68222	.2296010	.0014354	1.434895	.2355415	1.169202

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.71937	.5645932	-.479319	-.000842	1.374384	5.040646	.0116243
Stddev	.05804	.0005329	.000434	.000195	.008847	.012545	.0007853
%RSD	.3275450	.0943935	.0906392	23.15452	.6436717	.2488708	6.755640

#1	17.65775	.5647957	-.479146	-.000785	1.370696	5.054563	.0107326
#2	17.77300	.5649952	-.478998	-.000682	1.367978	5.037169	.0119277
#3	17.72736	.5639887	-.479814	-.001059	1.384478	5.030207	.0122126

Sample Name: I4778-05 Acquired: 8/15/2017 20:40:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METH19 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3788370	.0128834	.0608154
Stddev	.0021131	.0000371	.0000695
%RSD	.5577994	.2877735	.1142532

#1	.3797161	.0128893	.0608414
#2	.3803687	.0128437	.0608681
#3	.3764262	.0129172	.0607366

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1197.223	2128.806	44085.39	10464.63	2790.801
Stddev	4.065	12.420	46.57	23.97	5.240
%RSD	.3395424	.5834273	.1056331	.2290598	.1877724

#1	1194.199	2117.534	44095.67	10445.58	2784.750
#2	1195.627	2142.121	44034.54	10456.75	2793.856
#3	1201.844	2126.763	44125.96	10491.54	2793.796

Sample Name: I4778-06 Acquired: 8/15/2017 20:44:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METH20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.534309	-.016148	5.553244	-.004318	.0042745	91.50950	2.629625
Stddev	.007795	.001382	.014886	.002916	.0014811	1.95563	.052828
%RSD	.3075883	8.559402	.2680613	67.53742	34.65076	2.137078	2.008969

#1	2.543195	-.014553	5.568619	-.004687	.0027857	90.11771	2.591394
#2	2.528624	-.016904	5.538900	-.007031	.0057479	90.66537	2.607576
#3	2.531108	-.016988	5.552214	-.001234	.0042898	93.74542	2.689907

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080477	.0862732	88.65009	1.228466	.1196080	2.221422	181.9918
Stddev	.0002514	.0002117	2.25082	.047549	.0005564	.047789	4.4227
%RSD	3.123316	.2453993	2.538990	3.870611	.4651547	2.151282	2.430140

#1	.0077682	.0864222	87.08029	1.174324	.1201606	2.187419	178.9566
#2	.0082551	.0860309	87.64112	1.263438	.1190480	2.200784	179.9526
#3	.0081197	.0863666	91.22886	1.247637	.1196155	2.276062	187.0662

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.943351	31.97907	.1851287	.0030193	1.676138	.2580947	3.731658
Stddev	.252507	.78305	.0006540	.0002081	.076832	.0083661	.121273
%RSD	2.539461	2.448648	.3532410	6.892812	4.583879	3.241468	3.249834

#1	9.769541	31.42976	.1846616	.0031288	1.683923	.2552123	3.593549
#2	9.827518	31.63175	.1848485	.0027793	1.595709	.2515509	3.780676
#3	10.23299	32.87572	.1858761	.0031499	1.748780	.2675209	3.820749

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.39265	1.343776	-.311080	.0039041	2.767207	4.992084	.0286985
Stddev	.60505	.004509	.006461	.0002781	.008347	.050283	.0017193
%RSD	2.292505	.3355112	2.077004	7.123434	.3016223	1.007254	5.990714

#1	26.00962	1.348909	-.305266	.0039755	2.768960	4.935584	.0303392
#2	26.07815	1.340456	-.309938	.0035973	2.758122	5.008753	.0269102
#3	27.09018	1.341964	-.318036	.0041396	2.774537	5.031917	.0288462

Sample Name: I4778-06 Acquired: 8/15/2017 20:44:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH20 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7297371	.0097147	.0792501
Stddev	.0168833	.0001881	.0015902
%RSD	2.313613	1.936053	2.006542

#1	.7172965	.0095487	.0780922
#2	.7229587	.0096764	.0785948
#3	.7489562	.0099190	.0810632

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1151.268	2017.795	42989.26	9807.430	2766.960
Stddev	39.082	10.459	1367.27	169.966	11.318
%RSD	3.394703	.5183212	3.180481	1.733031	.4090285

#1	1196.366	2006.072	44567.03	9930.888	2753.975
#2	1130.148	2021.143	42151.36	9877.827	2772.179
#3	1127.291	2026.169	42249.40	9613.576	2774.727

Sample Name: I4778-07 Acquired: 8/15/2017 20:48:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METH21 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5871651	-.016366	.7915858	-.002289	.0029158	99.22129	2.237824
Stddev	.0028734	.000912	.0043599	.002523	.0005429	.70658	.016866
%RSD	.4893747	5.570083	.5507831	110.1991	18.61884	.7121253	.7536814

#1	.5883772	-.015385	.7934373	-.001255	.0027693	100.0335	2.256563
#2	.5892340	-.016527	.7947143	-.005164	.0035170	98.7480	2.223861
#3	.5838842	-.017186	.7866056	-.000448	.0024613	98.8824	2.233048

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087048	.0662119	44.57676	.3518596	.1316193	.6612504	174.5679
Stddev	.0000633	.0002361	.26702	.0017168	.0005276	.0041777	.9318
%RSD	.7269583	.3565702	.5990201	.4879082	.4008428	.6317829	.5337878

#1	.0086318	.0664367	44.86702	.3536021	.1310294	.6658230	175.6149
#2	.0087439	.0659659	44.52170	.3518069	.1317828	.6576331	174.2593
#3	.0087387	.0662330	44.34155	.3501698	.1320459	.6602953	173.8295

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.581369	32.58163	.1950873	.0014985	1.444271	.2575451	2.546270
Stddev	.061794	.12963	.0008246	.0000745	.017743	.0057253	.015668
%RSD	.6449424	.3978698	.4226939	4.970418	1.228503	2.223042	.6153411

#1	9.647331	32.72570	.1953340	.0015438	1.441955	.2638256	2.532365
#2	9.571952	32.54478	.1957605	.0014126	1.463058	.2561926	2.543199
#3	9.524824	32.47442	.1941675	.0015392	1.427799	.2526171	2.563247

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.51813	1.049860	-.414003	.0018548	1.579488	6.343324	.0149154
Stddev	.15556	.002696	.006503	.0005066	.011518	.098958	.0004860
%RSD	.6908321	.2568354	1.570847	27.31076	.7292096	1.560037	3.258016

#1	22.69203	1.052856	-.421513	.0015078	1.592662	6.395218	.0153349
#2	22.39221	1.047628	-.410258	.0024360	1.571318	6.229212	.0143829
#3	22.47016	1.049095	-.410239	.0016205	1.574485	6.405540	.0150284

Sample Name: I4778-07 Acquired: 8/15/2017 20:48:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH21 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6612336	.0106102	.0545064
Stddev	.0014980	.0001224	.0003375
%RSD	.2265497	1.153214	.6191858

#1	.6626378	.0107474	.0548904
#2	.6614063	.0105125	.0542571
#3	.6596567	.0105706	.0543715

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1193.003	2133.385	43931.16	10335.27	2843.985
Stddev	6.145	4.791	86.01	58.15	2.940
%RSD	.5150544	.2245548	.1957786	.5626360	.1033912

#1	1196.592	2127.870	43962.85	10268.78	2840.757
#2	1196.509	2136.512	43833.81	10360.39	2844.688
#3	1185.908	2135.772	43996.83	10376.63	2846.511

Sample Name: I4778-08 Acquired: 8/15/2017 20:52:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METH22 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3732673	-.014496	.4883257	-.003375	.0024298	96.85621	1.920619
Stddev	.0044041	.001984	.0010696	.001752	.0010282	.11481	.002211
%RSD	1.179876	13.68697	.2190262	51.93095	42.31500	.1185351	.1150962

#1	.3763696	-.015059	.4870918	-.002543	.0015993	96.96084	1.922086
#2	.3752058	-.016138	.4888968	-.002192	.0021102	96.87438	1.921693
#3	.3682265	-.012291	.4889884	-.005388	.0035797	96.73339	1.918076

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084108	.0535482	40.25912	.2856628	.1164610	.4845596	170.5472
Stddev	.0000575	.0001820	.03951	.0020734	.0004359	.0016044	.1854
%RSD	.6841170	.3398882	.0981410	.7258280	.3742422	.3311034	.1087204

#1	.0084630	.0537269	40.30325	.2855439	.1164284	.4827371	170.3900
#2	.0084203	.0533631	40.24708	.2836513	.1160424	.4857588	170.7517
#3	.0083491	.0535546	40.22703	.2877930	.1169122	.4851830	170.4998

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.154677	32.01382	.1959867	.0013831	1.429602	.2409749	2.216469
Stddev	.006121	.07063	.0002636	.0002340	.113363	.0014153	.020431
%RSD	.0750629	.2206343	.1344821	16.92121	7.929683	.5873158	.9218012

#1	8.151393	32.09463	.1958988	.0012277	1.547533	.2398566	2.200691
#2	8.161739	31.96386	.1962830	.0012693	1.321439	.2405020	2.239548
#3	8.150899	31.98297	.1957782	.0016523	1.419835	.2425661	2.209169

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.54562	.8850916	-.411766	.0010646	1.503449	5.839415	.0131058
Stddev	.01903	.0018388	.003958	.0004288	.011307	.033167	.0003410
%RSD	.0926321	.2077504	.9612443	40.27417	.7520982	.5679899	2.602181

#1	20.56375	.8863573	-.408720	.0015521	1.512983	5.834998	.0127928
#2	20.54731	.8829824	-.410338	.0008957	1.506407	5.874570	.0134693
#3	20.52580	.8859351	-.416240	.0007460	1.490956	5.808678	.0130555

Sample Name: I4778-08 Acquired: 8/15/2017 20:52:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH22 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5719019	.0104895	.0509738
Stddev	.0041954	.0000504	.0000855
%RSD	.7335883	.4805033	.1677544

#1	.5710161	.0104367	.0510358
#2	.5764695	.0104947	.0510094
#3	.5682202	.0105371	.0508763

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1191.438	2132.185	43688.49	10291.85	2856.051
Stddev	5.642	5.929	56.53	11.49	3.245
%RSD	.4735541	.2780593	.1293968	.1116724	.1136135

#1	1195.472	2127.956	43730.18	10279.72	2853.475
#2	1184.990	2129.636	43624.15	10293.24	2854.983
#3	1193.851	2138.961	43711.15	10302.58	2859.695

Sample Name: I4778-09 Acquired: 8/15/2017 20:56:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METH23 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1012218	-.023443	.2247103	-.006884	.0041463	117.5484	1.740815
Stddev	.0013702	.001945	.0024128	.001465	.0015842	.2141	.004925
%RSD	1.353709	8.297664	1.073732	21.27272	38.20744	.1821098	.2829239

#1	.1022232	-.021287	.2256277	-.006304	.0051022	117.4805	1.737831
#2	.0996602	-.023976	.2265299	-.008550	.0023177	117.7882	1.746499
#3	.1017819	-.025067	.2219734	-.005799	.0050191	117.3766	1.738113

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102228	.0192430	50.59134	.1544901	.1350873	.2859937	207.1044
Stddev	.0001453	.0001754	.11963	.0004218	.0005736	.0013403	.2907
%RSD	1.421034	.9115688	.2364673	.2730055	.4245892	.4686586	.1403516

#1	.0103786	.0194281	50.64194	.1540798	.1350313	.2857768	207.2700
#2	.0101987	.0190792	50.45472	.1549224	.1356868	.2847751	206.7688
#3	.0100911	.0192217	50.67735	.1544680	.1345437	.2874293	207.2744

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.997446	39.32097	.2856738	.0013280	1.724994	.2563300	1.240511
Stddev	.023566	.05986	.0002909	.0002429	.077544	.0013231	.003527
%RSD	.2619209	.1522435	.1018298	18.29266	4.495337	.5161607	.2843521

#1	9.014424	39.25240	.2853618	.0014291	1.672872	.2550550	1.237492
#2	8.970540	39.36280	.2859375	.0015039	1.814107	.2576965	1.239651
#3	9.007374	39.34772	.2857223	.0010508	1.688001	.2562387	1.244388

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.11543	.5207829	-.517999	-.000609	1.342874	2.981264	.0122132
Stddev	.09658	.0018717	.001403	.000195	.005157	.018751	.0015827
%RSD	.5993080	.3593917	.2708809	32.06235	.3839996	.6289567	12.95869

#1	16.02460	.5190438	-.518962	-.000446	1.348377	3.000176	.0118025
#2	16.21688	.5205412	-.516389	-.000825	1.342091	2.962679	.0139607
#3	16.10482	.5227636	-.518646	-.000555	1.338153	2.980936	.0108763

Sample Name: I4778-09 Acquired: 8/15/2017 20:56:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH23 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3787873	.0134362	.0610918
Stddev	.0026867	.0001918	.0000514
%RSD	.7092967	1.427772	.0842236

#1	.3775452	.0132625	.0611234
#2	.3769463	.0136421	.0611195
#3	.3818703	.0134040	.0610324

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1237.497	2211.543	45191.42	10651.21	2812.611
Stddev	1.990	1.917	29.94	38.61	3.827
%RSD	.1608440	.0866602	.0662563	.3625345	.1360581

#1	1239.254	2213.472	45172.77	10613.97	2809.192
#2	1235.335	2211.519	45225.95	10691.07	2811.896
#3	1237.902	2209.639	45175.52	10648.60	2816.745

Sample Name: I4778-10 Acquired: 8/15/2017 21:00:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METH24 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0952186	-.009638	.4773168	-.002324	.0016418	70.26059	1.444868
Stddev	.0028057	.000614	.0019327	.002075	.0021528	.17375	.000723
%RSD	2.946568	6.374057	.4049026	89.27894	131.1229	.2472914	.0500485

#1	.0973371	-.009427	.4780069	-.000388	-.000719	70.44277	1.445671
#2	.0920366	-.009156	.4788096	-.004515	.002147	70.09672	1.444269
#3	.0962820	-.010330	.4751338	-.002070	.003497	70.24227	1.444665

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059247	.0624230	69.47928	.1061278	.0768418	.2315667	131.0542
Stddev	.0001654	.0002741	.35623	.0015578	.0005647	.0001471	.6040
%RSD	2.792113	.4391690	.5127153	1.467846	.7349000	.0635216	.4608551

#1	.0059190	.0621214	69.82104	.1049723	.0771460	.2316993	131.7013
#2	.0057623	.0626571	69.11016	.1055117	.0761902	.2314085	130.5054
#3	.0060930	.0624904	69.50665	.1078995	.0771892	.2315924	130.9561

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.537822	33.97234	.1564372	.0013967	1.143700	.2150385	2.635846
Stddev	.032311	.13067	.0002511	.0001674	.061893	.0027932	.019459
%RSD	.5834612	.3846361	.1604824	11.98680	5.411614	1.298916	.7382545

#1	5.568699	34.12247	.1565930	.0012042	1.079540	.2182319	2.653738
#2	5.504246	33.88417	.1561476	.0014775	1.148517	.2138336	2.615129
#3	5.540522	33.91039	.1565711	.0015085	1.203044	.2130501	2.638671

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.81289	1.037143	-.307663	.0024711	2.660363	8.424609	.0119627
Stddev	.03444	.001666	.002606	.0001723	.007361	.046835	.0014375
%RSD	.2687705	.1606424	.8468871	6.970553	.2766778	.5559336	12.01686

#1	12.84292	1.036787	-.310583	.0023535	2.653071	8.477240	.0119630
#2	12.77530	1.035684	-.305576	.0026688	2.667790	8.387521	.0105250
#3	12.82045	1.038959	-.306829	.0023909	2.660227	8.409067	.0134001

Sample Name: I4778-10 Acquired: 8/15/2017 21:00:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METH24 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.038114	.0082376	.0348926
Stddev	.005001	.0000336	.0000784
%RSD	.4817143	.4072494	.2246253

#1	1.033095	.0082148	.0349732
#2	1.038152	.0082761	.0348167
#3	1.043096	.0082219	.0348880

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1142.828	2052.080	42241.94	9966.493	2873.853
Stddev	7.106	12.183	127.61	50.540	8.637
%RSD	.6218227	.5936737	.3020919	.5071018	.3005439

#1	1134.713	2042.906	42173.97	9913.688	2865.664
#2	1147.940	2047.432	42389.14	10014.41	2873.020
#3	1145.830	2065.903	42162.70	9971.38	2882.877

Sample Name: I4726-15DLX10 Acquired: 8/15/2017 21:04:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ3Z4 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1137038	-.002974	7.713810	.0008785	.0145272	15.89173	.2643095
Stddev	.0037542	.001421	.138763	.0012613	.0013264	.67604	.0107411
%RSD	3.301772	47.77621	1.798895	143.5740	9.130384	4.254047	4.063848

#1	.1114087	-.001404	7.837368	-.000100	.0160117	15.11229	.2519086
#2	.1180362	-.004171	7.563683	.002302	.0134584	16.31870	.2703226
#3	.1116663	-.003347	7.740379	.000433	.0141116	16.24420	.2706973

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014058	.0078618	133.7008	.0120234	.0075879	.1525168	36.47335
Stddev	.0000826	.0002369	5.9530	.0006108	.0002842	.0059324	1.56695
%RSD	5.878142	3.013013	4.452503	5.080256	3.745410	3.889669	4.296150

#1	.0013157	.0080097	126.8775	.0119493	.0079151	.1458916	34.68553
#2	.0014237	.0075886	137.8339	.0126679	.0074027	.1573371	37.60830
#3	.0014780	.0079870	136.3911	.0114530	.0074458	.1543217	37.12623

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.982057	41.46165	.0250092	.0073786	.2264439	.0871561	2.254129
Stddev	.133542	1.80530	.0004239	.0003156	.0102899	.0050833	.016446
%RSD	4.478182	4.354149	1.695006	4.277706	4.544135	5.832445	.7296037

#1	2.828761	39.38259	.0245966	.0070197	.2152752	.0812868	2.242958
#2	3.073151	42.63250	.0254436	.0076132	.2285171	.0901547	2.273014
#3	3.044258	42.36986	.0249874	.0075028	.2355394	.0900267	2.246414

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.020555	.1482582	-.086914	-.000129	.5500935	1.171607	-.000391
Stddev	.160739	.0024422	.002023	.000198	.0179554	.041855	.000604
%RSD	5.321521	1.647249	2.327822	154.0323	3.264062	3.572453	154.6134

#1	2.834973	.1500113	-.084593	.000029	.5692562	1.123358	.000296
#2	3.115937	.1454687	-.088307	-.000351	.5336573	1.198158	-.000626
#3	3.110754	.1492944	-.087841	-.000064	.5473670	1.193303	-.000842

Sample Name: I4726-15DLX10 Acquired: 8/15/2017 21:04:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ3Z4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2821882	.0025553	.0069031
Stddev	.0114751	.0001090	.0002992
%RSD	4.066475	4.265956	4.333684

#1	.2689407	.0024344	.0065577
#2	.2890481	.0025854	.0070770
#3	.2885759	.0026461	.0070746

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1029.254	1859.715	37687.04	9092.182	2891.522
Stddev	12.279	26.149	360.38	336.696	48.464
%RSD	1.193044	1.406091	.9562318	3.703133	1.676087

#1	1021.828	1843.494	37323.55	9474.071	2850.064
#2	1022.506	1889.881	37693.35	8838.117	2944.805
#3	1043.428	1845.771	38044.22	8964.357	2879.699

Sample Name: I4726-17DLX10 Acquired: 8/15/2017 21:08:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3Z6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0189590	-.003835	.1638106	.0029671	.0012308	7.194754	.1097684
Stddev	.0010245	.002128	.0022676	.0025514	.0010035	.018001	.0003051
%RSD	5.404033	55.49447	1.384250	85.98910	81.53217	.2501968	.2779136

#1	.0189100	-.004885	.1613923	.0040691	.0001561	7.203373	.1096334
#2	.0200072	-.001386	.1641505	.0047822	.0021433	7.174063	.1095541
#3	.0179598	-.005233	.1658891	.0000499	.0013931	7.206824	.1101177

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005263	.0009010	121.4526	.0075719	.0029668	.0186517	10.65653
Stddev	.0000548	.0001425	.6987	.0000445	.0004128	.0004609	.04359
%RSD	10.41443	15.81215	.5752514	.5874416	13.91316	2.470961	.4090092

#1	.0005600	.0010483	120.9157	.0075228	.0026258	.0188627	10.62078
#2	.0004630	.0008908	121.1996	.0075833	.0028489	.0189692	10.64374
#3	.0005558	.0007639	122.2425	.0076095	.0034257	.0181231	10.70508

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7849481	59.41349	.0092579	.0003325	.0954775	.0142314	.1503868
Stddev	.0024186	.22549	.0002776	.0002656	.0379249	.0015204	.0017218
%RSD	.3081228	.3795203	2.998358	79.86459	39.72135	10.68308	1.144901

#1	.7823651	59.29573	.0095216	.0000421	.0825988	.0129549	.1507914
#2	.7853199	59.27126	.0092838	.0005629	.1381647	.0159134	.1484987
#3	.7871593	59.67348	.0089683	.0003926	.0656690	.0138260	.1518702

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.006449	.1117266	-.020067	.0002053	.5501190	1.053420	-.002292
Stddev	.020355	.0002834	.000849	.0005472	.0103644	.007334	.001457
%RSD	1.014480	.2536795	4.230495	266.5091	1.884025	.6961928	63.58451

#1	1.985001	.1119641	-.021019	.0007375	.5600919	1.045275	-.000617
#2	2.008845	.1114128	-.019388	.0002341	.5508618	1.059500	-.003266
#3	2.025499	.1118029	-.019793	-.000356	.5394031	1.055483	-.002992

Sample Name: I4726-17DLX10 Acquired: 8/15/2017 21:08:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ3Z6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1454463	.0013547	.0085869
Stddev	.0008772	.0000258	.0000137
%RSD	.6030929	1.907110	.1591299

#1	.1447554	.0013255	.0085801
#2	.1451503	.0013745	.0085780
#3	.1464332	.0013641	.0086026

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1021.814	1819.717	37136.35	8787.091	2906.515
Stddev	10.077	2.553	236.23	27.450	9.585
%RSD	.9861541	.1403162	.6361100	.3123845	.3297779

#1	1022.996	1817.011	37264.33	8807.607	2897.611
#2	1011.198	1822.084	36863.75	8755.909	2916.660
#3	1031.247	1820.057	37280.98	8797.756	2905.272

Sample Name: I4726-18DLX10 Acquired: 8/15/2017 21:12:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ3Z7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193001	-.002180	.1630706	.0049088	.0006405	7.396617	.1107229
Stddev	.0004993	.000931	.0008247	.0017143	.0016496	.017397	.0003353
%RSD	2.587172	42.71949	.5057472	34.92329	257.5396	.2352044	.3028765

#1	.0196844	-.001978	.1635058	.0058716	.0013153	7.409150	.1108150
#2	.0187357	-.003196	.1621194	.0029295	-.001239	7.403946	.1103511
#3	.0194803	-.001366	.1635865	.0059252	.001846	7.376754	.1110025

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005571	.0008750	118.1042	.0076152	.0027477	.0196052	10.79964
Stddev	.0000714	.0001237	.3364	.0004223	.0001983	.0007178	.03730
%RSD	12.80936	14.13937	.2848561	5.545114	7.217931	3.661257	.3453908

#1	.0006392	.0009849	118.2529	.0080626	.0026938	.0203845	10.80212
#2	.0005107	.0007410	117.7190	.0075595	.0025818	.0189712	10.76115
#3	.0005213	.0008990	118.3406	.0072236	.0029673	.0194598	10.83563

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8061732	60.14231	.0092159	.0007010	.0696180	.0131118	.1542958
Stddev	.0016659	.11927	.0001110	.0002540	.0086654	.0009377	.0020269
%RSD	.2066378	.1983159	1.203896	36.23329	12.44702	7.151347	1.313664

#1	.8055218	60.14270	.0092242	.0008776	.0723928	.0141122	.1529439
#2	.8049314	60.02284	.0093225	.0008155	.0765561	.0122530	.1566264
#3	.8080663	60.26138	.0091010	.0004099	.0599051	.0129700	.1533171

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.044992	.1079440	-.018974	.0000003	.5589575	.8737141	-.003163
Stddev	.009207	.0006165	.000697	.0001907	.0044729	.0044356	.001487
%RSD	.4502108	.5711387	3.672118	68280.21	.8002179	.5076686	46.99817

#1	2.040179	.1073024	-.018747	.0001105	.5541426	.8770922	-.004208
#2	2.055608	.1085319	-.018419	-.000220	.5629834	.8686910	-.001461
#3	2.039190	.1079976	-.019756	.000110	.5597464	.8753591	-.003821

Sample Name: I4726-18DLX10 Acquired: 8/15/2017 21:12:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ3Z7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1463915	.0013499	.0081971
Stddev	.0003489	.0000168	.0000103
%RSD	.2383266	1.246874	.1261327

#1	.1466507	.0013389	.0081866
#2	.1459948	.0013693	.0081974
#3	.1465290	.0013415	.0082073

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1029.036	1821.424	37438.31	8741.446	2908.162
Stddev	4.877	1.681	41.72	30.556	11.489
%RSD	.4739567	.0922719	.1114396	.3495515	.3950501

#1	1026.833	1822.717	37397.76	8708.300	2921.422
#2	1034.626	1819.524	37436.06	8768.491	2901.880
#3	1025.648	1822.030	37481.11	8747.547	2901.184

Sample Name: CCV018 Acquired: 8/15/2017 21:16:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.810632	4.664120	23.88711	4.815366	4.804697	398.0130
Stddev	.036469	.036012	.16765	.042084	.054412	4.6595
%RSD	.7580849	.7721133	.7018361	.8739435	1.132482	1.170683

#1	4.797477	4.634306	23.75855	4.789809	4.772449	402.3758
#2	4.782567	4.653922	23.82605	4.792352	4.774123	398.5582
#3	4.851853	4.704131	24.07673	4.863938	4.867520	393.1049

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.742127	.5036529	2.464937	406.0414	14.87004	2.460939
Stddev	.086923	.0043662	.017553	2.4715	.01241	.018984
%RSD	.8922394	.8668984	.7121074	.6086919	.0834846	.7714055

#1	9.818710	.5084422	2.452572	408.5168	14.87860	2.446295
#2	9.647649	.5026220	2.457212	406.0337	14.85580	2.454135
#3	9.760022	.4998944	2.485028	403.5737	14.87571	2.482387

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.68649	399.0428	14.48557	402.3142	2.362197	1.292852
Stddev	.09881	2.4206	.09015	2.4623	.016977	.003292
%RSD	.6728166	.6065944	.6223367	.6120418	.7186787	.2546368

#1	14.78166	401.6013	14.57511	404.6533	2.350126	1.294514
#2	14.58440	398.7380	14.48677	402.5445	2.354855	1.294981
#3	14.69342	396.7890	14.39483	399.7448	2.381608	1.289060

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	405.9106	2.415637	14.21308	148.8642	F 6.294290	F 4.207815
Stddev	2.5875	.018054	.14942	1.0337	.049117	.042096
%RSD	.6374652	.7473886	1.051279	.6943894	.7803391	1.000416

#1	408.5351	2.436325	14.05179	149.9882	6.255151	4.254808
#2	403.3617	2.407518	14.34679	147.9543	6.278313	4.195081
#3	405.8351	2.403068	14.24065	148.6500	6.349406	4.173557

Sample Name: CCV018 Acquired: 8/15/2017 21:16:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV018 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.786926	5.147514	4.871835	4.827621	4.840717	5.913602
Stddev	.037482	.044956	.036774	.031127	.025683	.062222
%RSD	.7829973	.8733451	.7548348	.6447670	.5305646	1.052191

#1	4.760077	5.116133	4.914291	4.804530	4.869742	5.924310
#2	4.770952	5.127392	4.851307	4.815314	4.820934	5.969776
#3	4.829748	5.199015	4.849907	4.863020	4.831474	5.846721

Elem	Sr4077
Units	ppm
Avg	6.929711
Stddev	.080890
%RSD	1.167293

#1	7.008955
#2	6.932910
#3	6.847270

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	870.3725	1593.697	33093.04	8304.868	2136.687
Stddev	7.6689	11.876	73.77	60.692	15.491
%RSD	.8811087	.7451898	.2229200	.7308036	.7250227

#1	878.3242	1602.397	33152.80	8242.802	2149.305
#2	863.0217	1598.527	33010.59	8307.717	2141.359
#3	869.7717	1580.167	33115.74	8364.086	2119.398

Sample Name: CCB018 Acquired: 8/15/2017 21:20:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000021	-.000747	-.003050	.0016810	-.000731	.0010610	-.002909
Stddev	.002669	.000513	.000338	.0025130	.001266	.0033867	.000211
%RSD	12472.97	68.68166	11.07815	149.4982	173.1360	319.1830	7.235929

#1	.002601	-.000520	-.002670	.0045782	.000100	.0049113	-.003152
#2	-.002734	-.000387	-.003315	.0000919	-.000106	-.000272	-.002778
#3	.000068	-.001335	-.003166	.0003728	-.002188	-.001457	-.002798

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000132	-.000086	.0185414	-.000588	.0000941	.0013249	.0011312
Stddev	.000038	.000032	.0036691	.000323	.0000695	.0005967	.0030494
%RSD	29.15693	37.33394	19.78871	54.96262	73.84100	45.03748	269.5600

#1	-.000150	-.000053	.0166964	-.000957	.0000288	.0017093	.0044307
#2	-.000158	-.000117	.0227669	-.000446	.0001672	.0016279	.0005464
#3	-.000088	-.000089	.0161610	-.000360	.0000864	.0006375	-.001583

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000421	.0082077	.0000246	-.000108	-.054691	-.001285	.0016819
Stddev	.0002049	.0172980	.0002617	.000165	.057773	.000466	.0012522
%RSD	486.7346	210.7541	1065.867	153.5454	105.6344	36.29897	74.45031

#1	.0000638	.0276500	-.000275	.000060	.008637	-.001606	.0026677
#2	.0002353	.0024505	.000209	-.000113	-.068194	-.001499	.0002730
#3	-.000173	-.005478	.000139	-.000270	-.104518	-.000750	.0021050

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2778966	-.000214	.0034980	.0006790	.0020802	.0008656	.0005587
Stddev	.0219601	.000090	.0007158	.0001369	.0014944	.0002827	.0011489
%RSD	7.902268	41.92136	20.46164	20.16528	71.84185	32.66116	205.6621

#1	.2656982	-.000317	.0032884	.0005212	.0007502	.0006617	.0007662
#2	.2647436	-.000150	.0042952	.0007663	.0036974	.0011884	-.000680
#3	.3032480	-.000176	.0029105	.0007494	.0017930	.0007468	.001590

Sample Name: CCB018 Acquired: 8/15/2017 21:20:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v122) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB018 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007315	.0005490	.0001154
Stddev	.0004214	.0000565	.0000054
%RSD	57.60195	10.28693	4.690092

#1	.0002489	.0006027	.0001206
#2	.0009195	.0005543	.0001157
#3	.0010262	.0004901	.0001098

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1100.632	1973.116	39919.27	8847.580	3408.593
Stddev	9.147	4.263	264.81	36.917	5.021
%RSD	.8310274	.2160658	.6633521	.4172523	.1473180

#1	1090.295	1968.218	39622.11	8817.856	3402.914
#2	1103.924	1975.990	40005.46	8835.980	3412.447
#3	1107.677	1975.140	40130.24	8888.903	3410.419