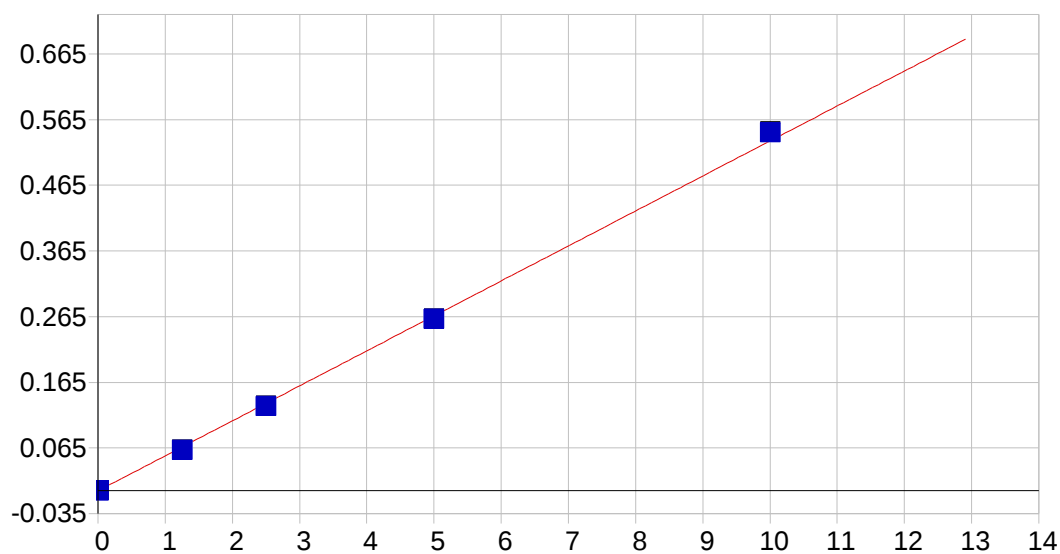


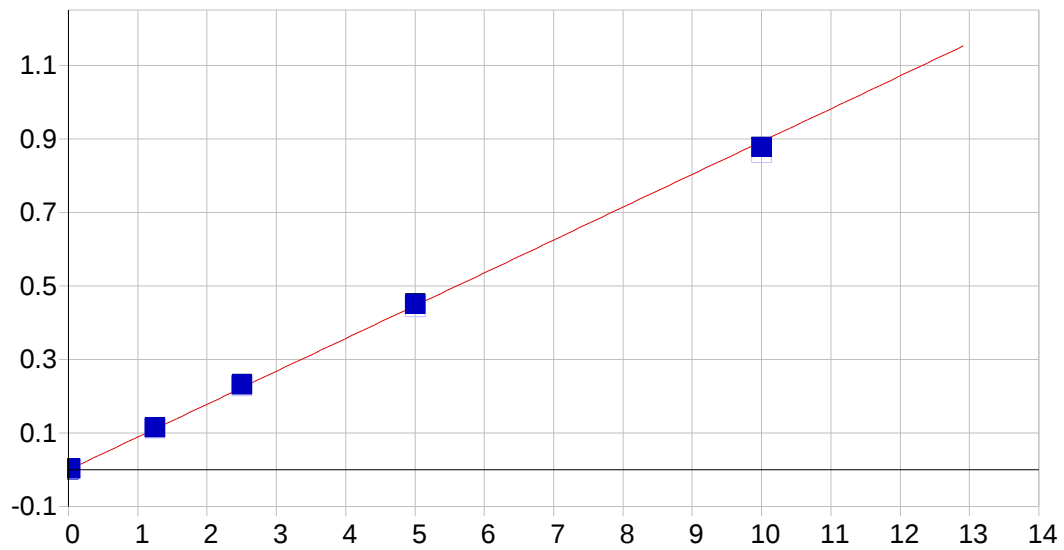


As 189.042 {479}

Date of Fit: 5/16/2017 13:36:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000242 Re-Slope: 1.000000
 A1 (Gain): 0.053263 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999595 Status: OK.
 Std Error of Est: 0.000025
 Predicted MDL: 0.002613
 Predicted MQL: 0.008709

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00024	.000	1
S1	.01000	.01080	.001	8.01	.00033	.000	1
S2	1.2500	1.1675	-.083	-6.60	.06192	.000	1
S3	2.5000	2.4215	-.078	-3.14	.12870	.000	1
S4	5.0000	4.9176	-.082	-1.65	.26161	.001	1
S5	10.000	10.243	.243	2.43	.54516	.001	1

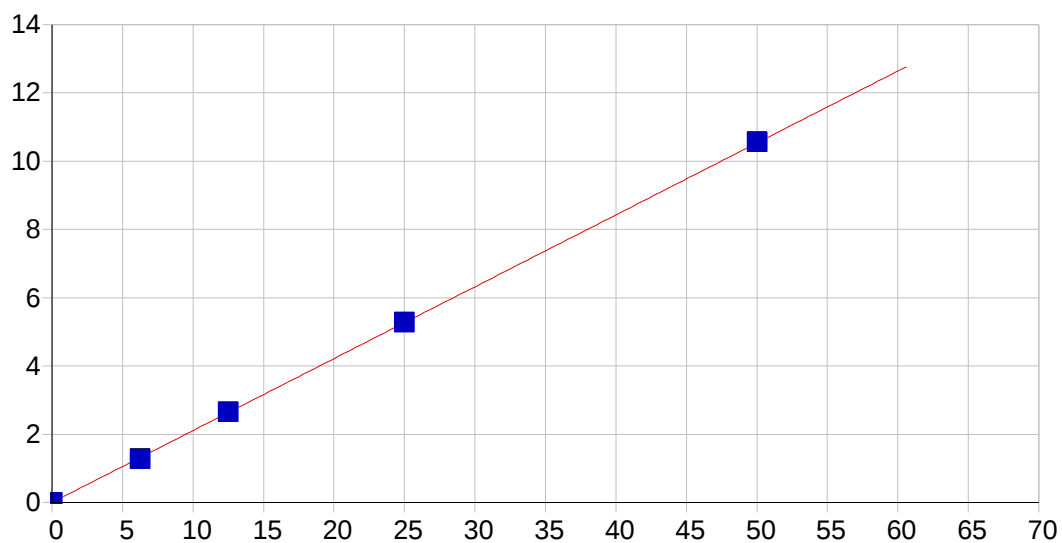


TI 190.856 {477}

Date of Fit: 5/16/2017 13:36:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000292 Re-Slope: 1.000000
 A1 (Gain): 0.089261 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999767 Status: OK.
 Std Error of Est: 0.000050
 Predicted MDL: 0.001337
 Predicted MQL: 0.004457

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00029	.000	1
S1	.02500	.02908	.004	16.3	.00211	.000	1
S2	1.2500	1.2853	.035	2.82	.11241	.001	1
S3	2.5000	2.5892	.089	3.57	.22677	.002	1
S4	5.0000	5.0481	.048	.962	.44220	.001	1
S5	10.000	9.8236	-.176	-1.76	.86035	.001	1

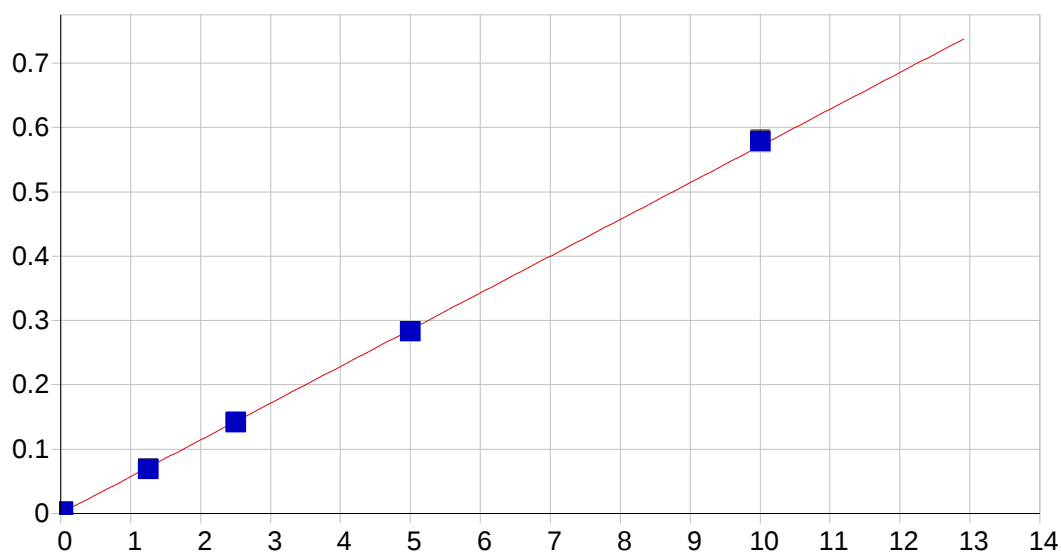


Pb 220.353 {453}

Date of Fit: 5/16/2017 13:36:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000270 Re-Slope: 1.000000
 A1 (Gain): 0.210701 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962 Status: OK.
 Std Error of Est: 0.000068
 Predicted MDL: 0.001205
 Predicted MQL: 0.004018

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00027	.000	1
S1	.01000	.01029	.000	2.85	.00243	.000	1
S2	6.2500	6.0492	-.201	-3.21	1.2752	.008	1
S3	12.500	12.553	.053	.427	2.6461	.001	1
S4	25.000	25.017	.017	.067	5.2729	.008	1
S5	50.000	50.131	.131	.261	10.566	.011	1

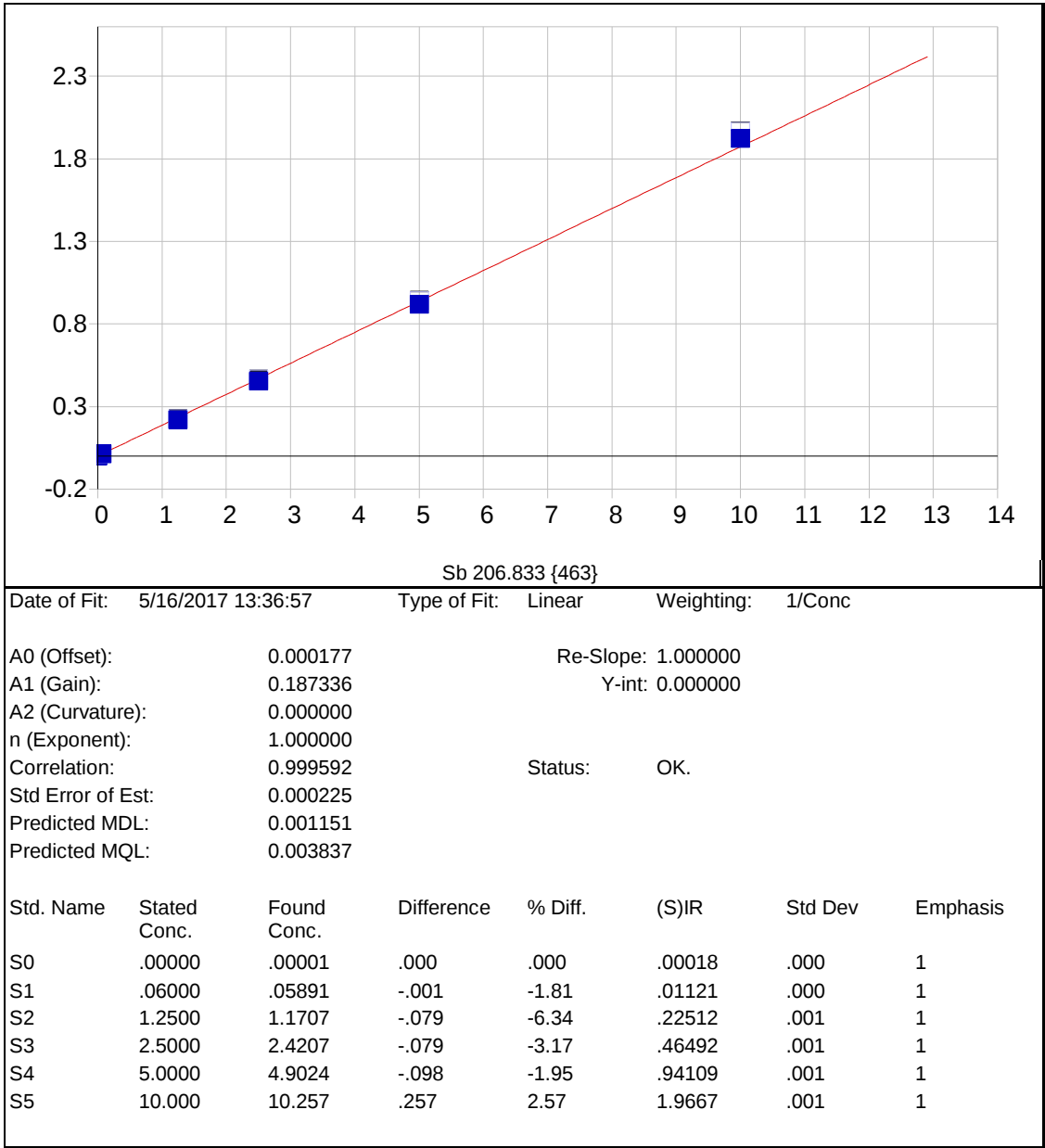


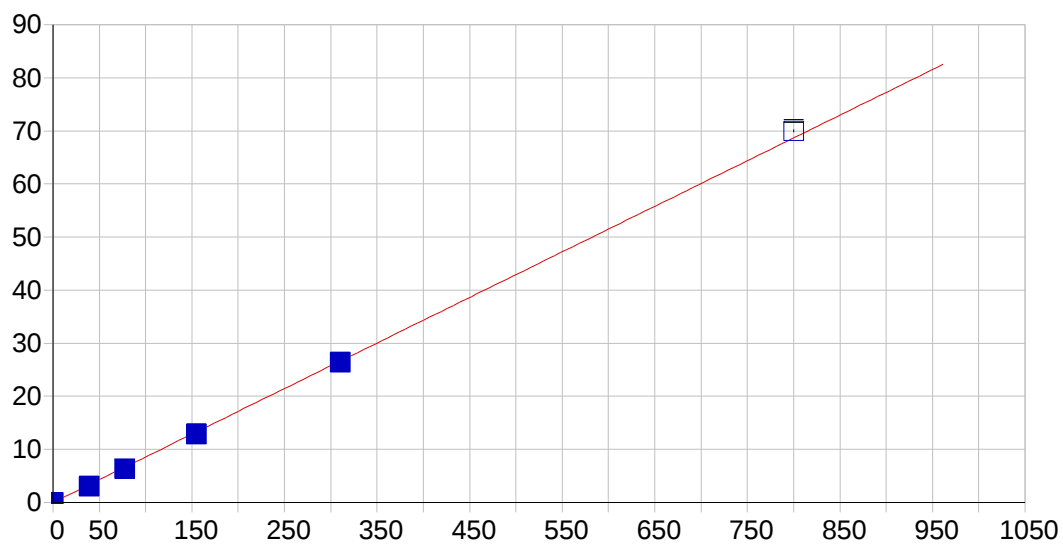
Se 196.090 {472}

Date of Fit: 5/16/2017 13:36:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000133 Re-Slope: 1.000000
 A1 (Gain): 0.057110 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999888 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.002738
 Predicted MQL: 0.009128

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00013	.000	1
S1	.03500	.03665	.002	4.71	.00222	.000	1
S2	1.2500	1.2011	-.049	-3.91	.06846	.000	1
S3	2.5000	2.4730	-.027	-1.08	.14084	.001	1
S4	5.0000	4.9532	-.047	-.937	.28195	.000	1
S5	10.000	10.121	.121	1.21	.57604	.002	1



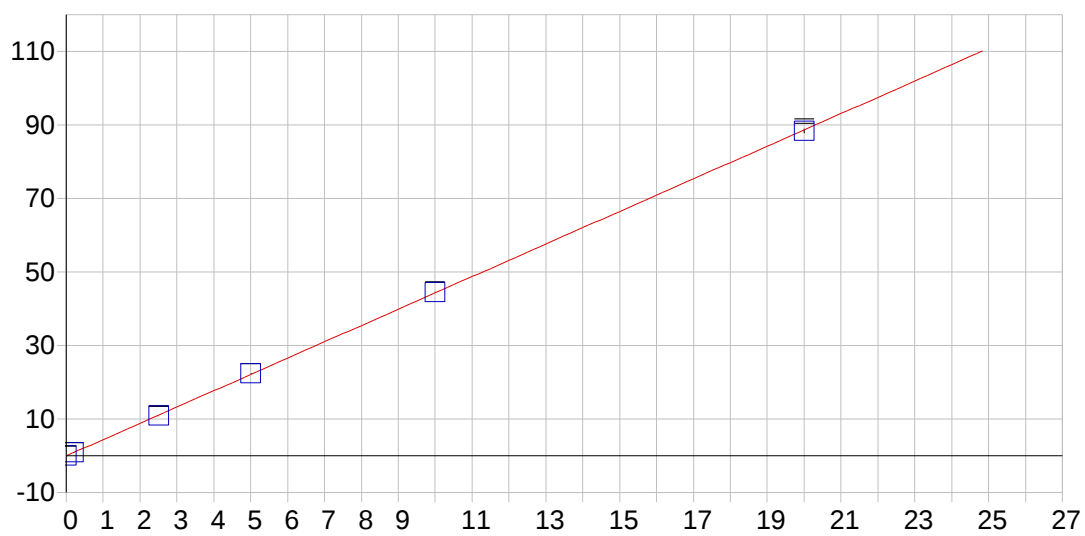


AI 396.152 { 85}

Date of Fit: 5/16/2017 13:36:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000721 Re-Slope: 1.000000
 A1 (Gain): 0.085831 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999648 Status: OK.
 Std Error of Est: 0.001416
 Predicted MDL: 0.008649
 Predicted MQL: 0.028830

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00072	.000	1
S1	.20000	.18871	-.011	-5.64	.01695	.000	1
S2	38.750	35.442	-3.31	-8.54	3.0467	.004	1
S3	77.500	74.025	-3.47	-4.48	6.3623	.014	1
S4	155.00	149.51	-5.49	-3.54	12.849	.033	1
S5	310.00	306.69	-3.31	-1.07	26.356	.054	1
S6	800.00	815.61	15.6	1.95	70.005	.247	1



Date of Fit: 5/16/2017 13:36:57

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.047693

Re-Slope: 1.000000

A1 (Gain): 4.434579

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999970

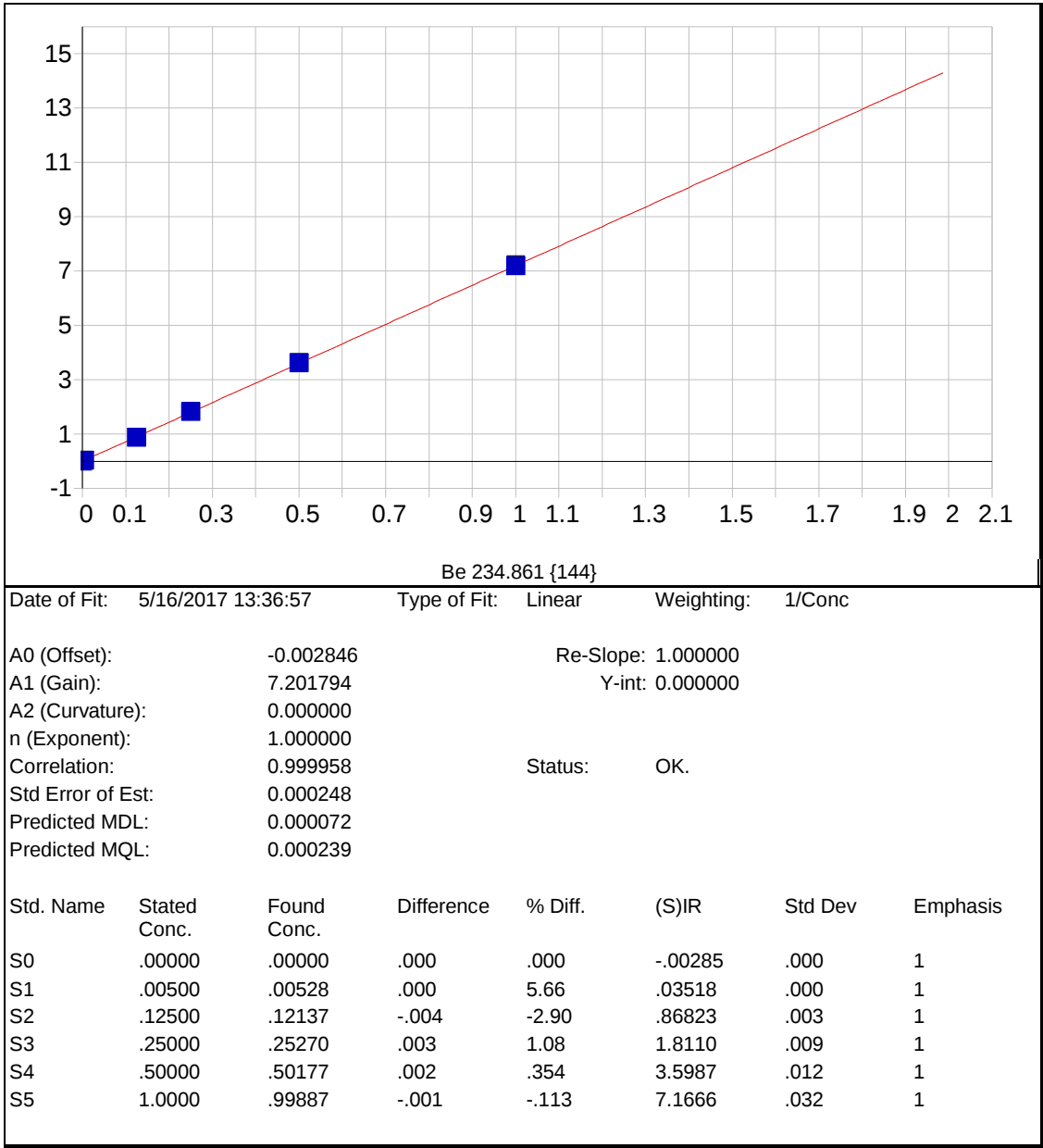
Status: OK.

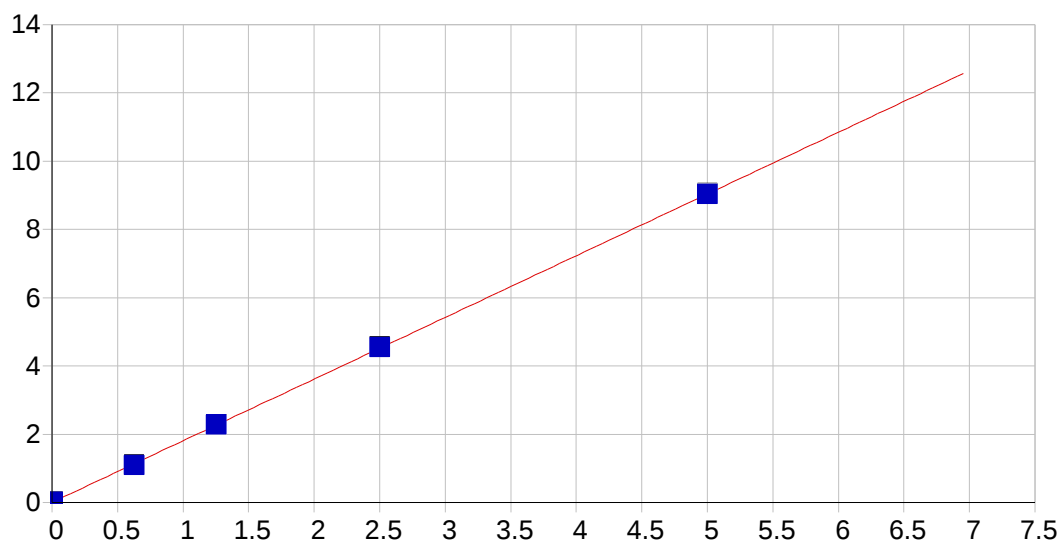
Std Error of Est: 0.003621

Predicted MDL: 0.000634

Predicted MQL: 0.002114

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.04771	.002	1
S1	.20000	.20509	.005	2.55	.86181	.003	1
S2	2.5000	2.4539	-.046	-1.85	10.834	.052	1
S3	5.0000	5.0596	.060	1.19	22.389	.056	1
S4	10.000	10.053	.053	.528	44.532	.075	1
S5	20.000	19.929	-.071	-.357	88.327	.599	1



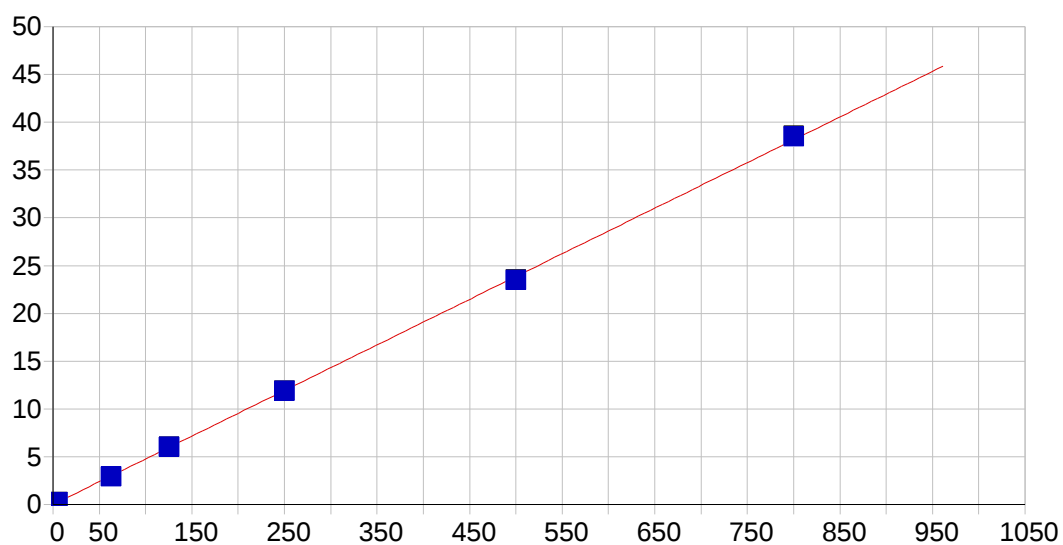


Cd 214.438 {457}

Date of Fit: 5/16/2017 13:36:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000201 Re-Slope: 1.000000
 A1 (Gain): 1.808151 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957 Status: OK.
 Std Error of Est: 0.000140
 Predicted MDL: 0.000087
 Predicted MQL: 0.000288

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00020	.000	1
S1	.00500	.00497	.000	-.511	.00920	.000	1
S2	.62500	.60507	-.020	-3.19	1.0962	.007	1
S3	1.2500	1.2606	.011	.850	2.2836	.003	1
S4	2.5000	2.5133	.013	.534	4.5526	.015	1
S5	5.0000	4.9960	-.004	-.080	9.0495	.019	1

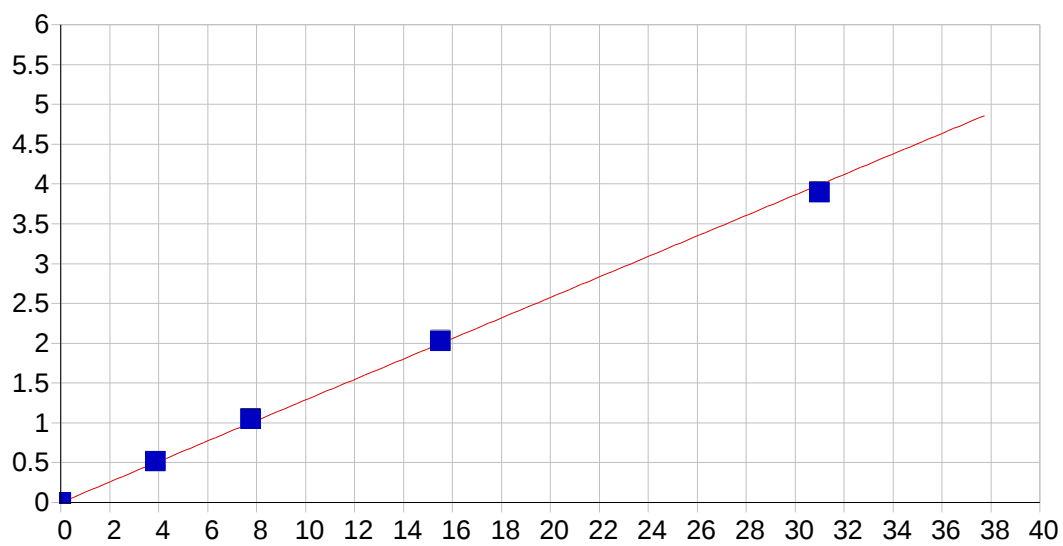


Ca 373.690 { 90}

Date of Fit: 5/16/2017 13:36:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001488 Re-Slope: 1.000000
 A1 (Gain): 0.047705 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999933 Status: OK.
 Std Error of Est: 0.001925
 Predicted MDL: 0.013941
 Predicted MQL: 0.046469

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00015	.000	.000	.00148	.000	1
S1	5.0000	5.2189	.219	4.38	.25044	.001	1
S2	62.500	61.358	-1.14	-1.83	2.9250	.004	1
S3	125.00	126.47	1.47	1.17	6.0274	.010	1
S4	250.00	249.28	-.719	-.287	11.879	.016	1
S5	500.00	492.56	-7.44	-1.49	23.470	.039	1
S6	800.00	807.62	7.62	.952	38.452	.043	1

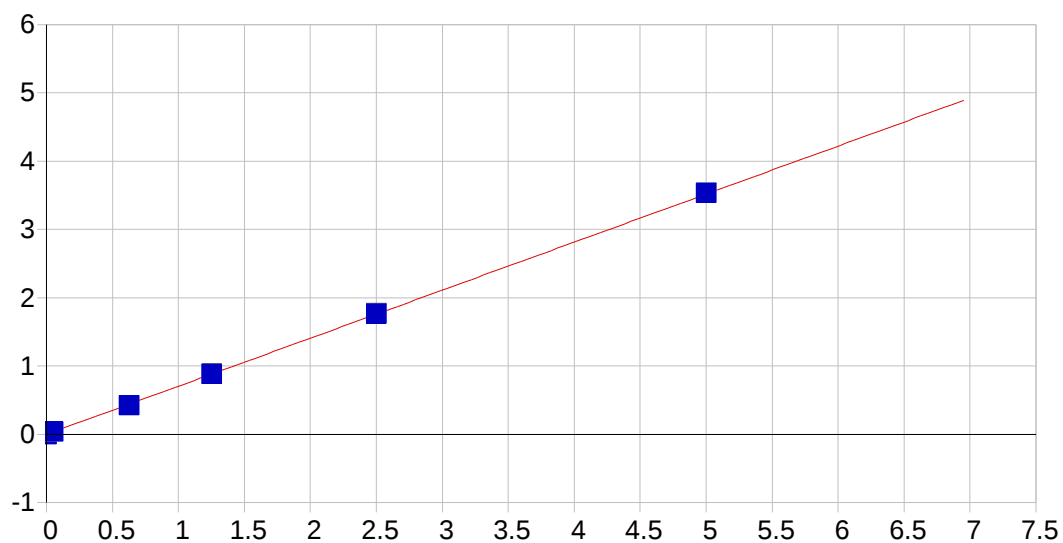


Cr 267.716 {126}

Date of Fit: 5/16/2017 13:36:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000032 Re-Slope: 1.000000
 A1 (Gain): 0.128708 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999585 Status: OK.
 Std Error of Est: 0.000110
 Predicted MDL: 0.000441
 Predicted MQL: 0.001469

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.01000	.01139	.001	13.9	.00152	.000	1
S2	3.8750	4.0125	.138	3.55	.51777	.001	1
S3	7.7500	8.1368	.387	4.99	1.0499	.001	1
S4	15.500	15.758	.258	1.66	2.0334	.007	1
S5	31.000	30.216	-.784	-2.53	3.8994	.008	1

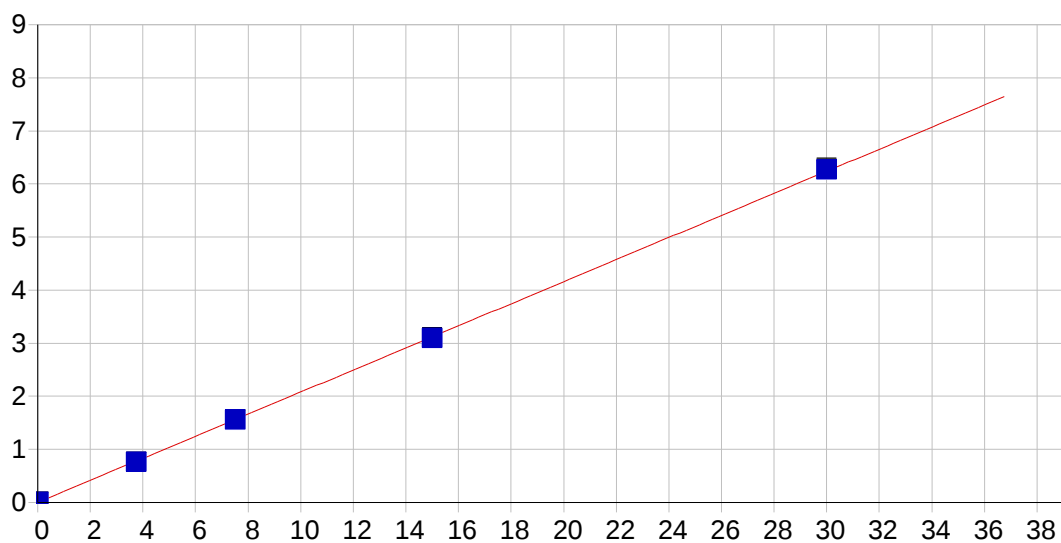


Co 228.616 {448}

Date of Fit: 5/16/2017 13:36:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000212 Re-Slope: 1.000000
 A1 (Gain): 0.703675 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999937 Status: OK.
 Std Error of Est: 0.000210
 Predicted MDL: 0.000228
 Predicted MQL: 0.000761

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00021	.000	1
S1	.05000	.04758	-.002	-4.84	.03340	.000	1
S2	.62500	.60024	-.025	-3.96	.42308	.002	1
S3	1.2500	1.2529	.003	.234	.88328	.001	1
S4	2.5000	2.5059	.006	.238	1.7668	.005	1
S5	5.0000	5.0183	.018	.366	3.5384	.005	1

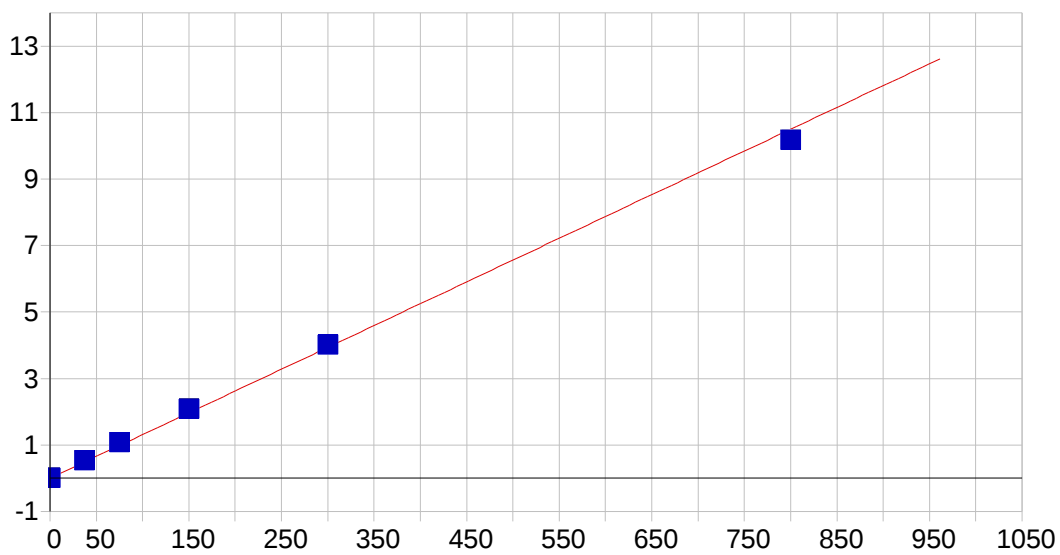


Cu 324.754 {104}

Date of Fit: 5/16/2017 13:36:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000909 Re-Slope: 1.000000
 A1 (Gain): 0.207920 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999969 Status: OK.
 Std Error of Est: 0.000075
 Predicted MDL: 0.002180
 Predicted MQL: 0.007266

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00091	.000	1
S1	.02500	.02486	.000	-.566	.00604	.000	1
S2	3.7500	3.6662	-.084	-2.23	.76096	.005	1
S3	7.5000	7.4850	-.015	-.200	1.5527	.004	1
S4	15.000	14.918	-.082	-.544	3.0938	.005	1
S5	30.000	30.180	.180	.602	6.2582	.028	1

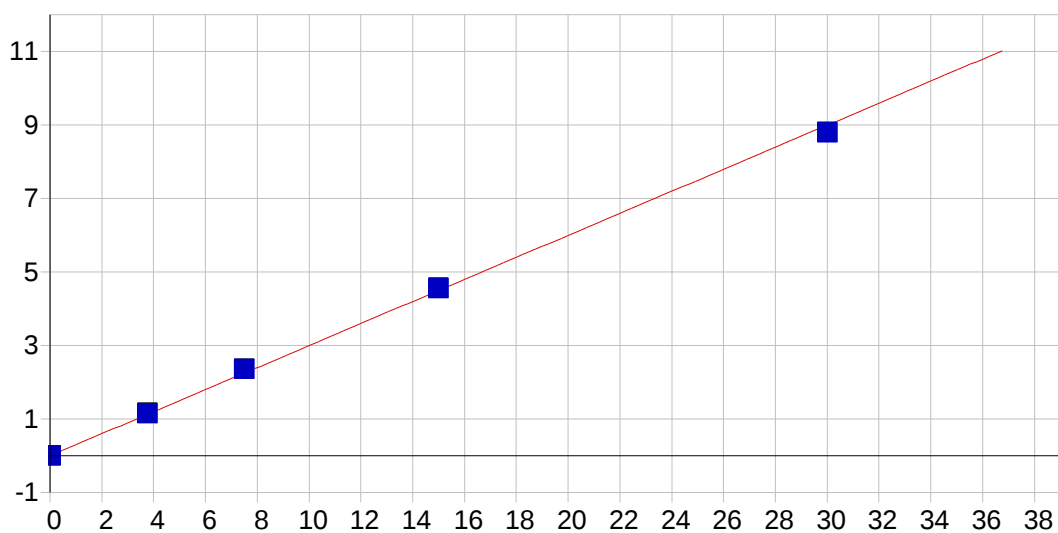


Fe 259.837 {130}

Date of Fit: 5/16/2017 13:36:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000145 Re-Slope: 1.000000
 A1 (Gain): 0.013123 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999158 Status: OK.
 Std Error of Est: 0.000235
 Predicted MDL: 0.016988
 Predicted MQL: 0.056628

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	.00014	.000	1
S1	.10000	.11559	.016	15.6	.00167	.000	1
S2	37.500	40.472	2.97	7.93	.53185	.002	1
S3	75.000	82.234	7.23	9.65	1.0805	.000	1
S4	150.00	158.74	8.74	5.83	2.0856	.001	1
S5	300.00	305.58	5.58	1.86	4.0150	.010	1
S6	800.00	775.44	-24.6	-3.07	10.182	.002	1

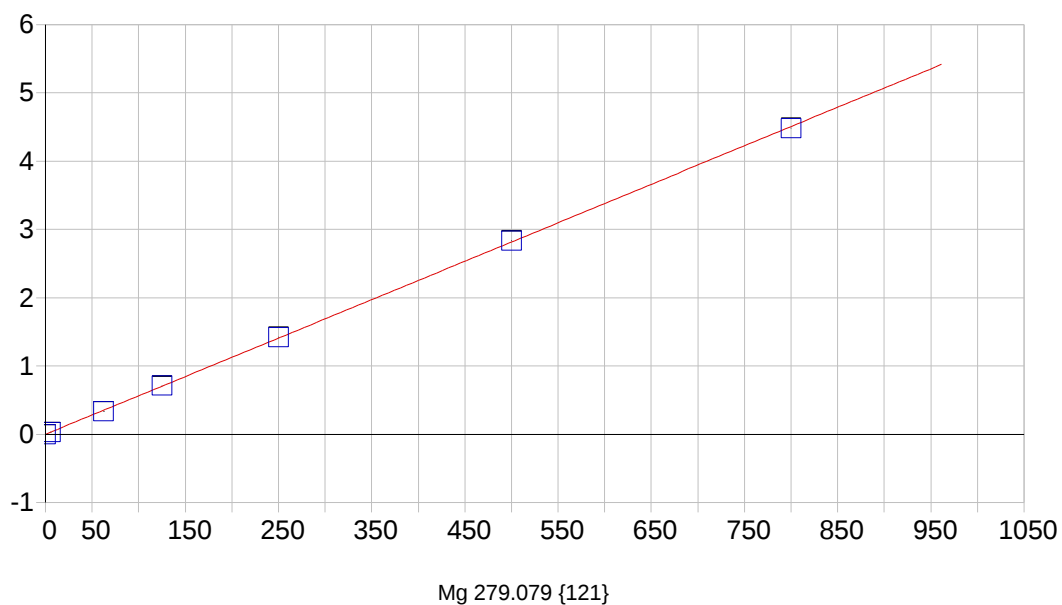


Mn 257.610 {131}

Date of Fit: 5/16/2017 13:36:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000313 Re-Slope: 1.000000
 A1 (Gain): 0.299824 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999653 Status: OK.
 Std Error of Est: 0.000281
 Predicted MDL: 0.000846
 Predicted MQL: 0.002821

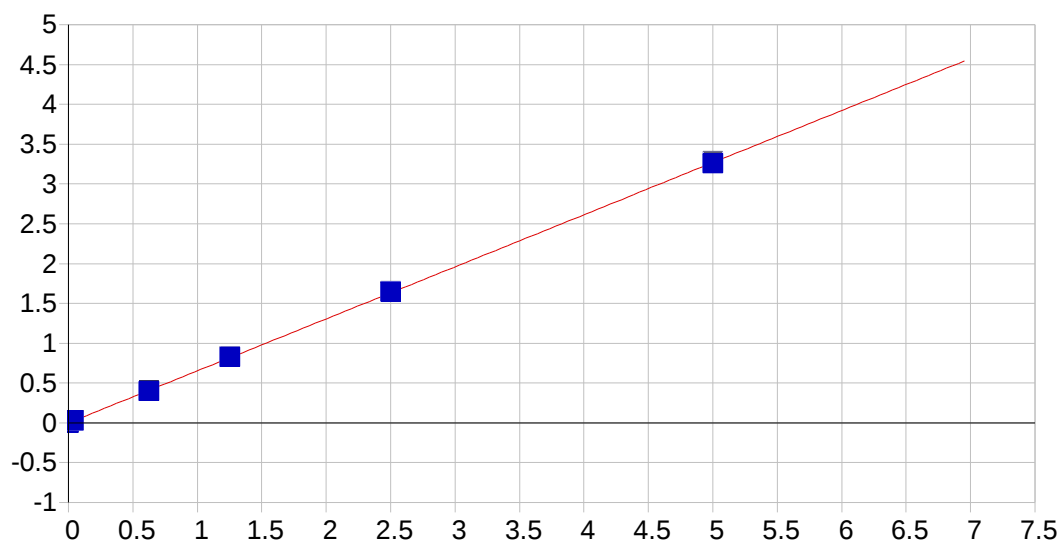
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00031	.000	1
S1	.01500	.01698	.002	13.2	.00478	.000	1
S2	3.7500	3.8551	.105	2.80	1.1558	.005	1
S3	7.5000	7.8655	.365	4.87	2.3584	.001	1
S4	15.000	15.204	.204	1.36	4.5592	.005	1
S5	30.000	29.323	-.677	-2.26	8.7935	.010	1



Date of Fit: 5/16/2017 13:36:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000207	Re-Slope: 1.000000
A1 (Gain):	0.005635	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999948	Status: OK.
Std Error of Est:	0.000200	
Predicted MDL:	0.045103	
Predicted MQL:	0.150344	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00010	.000	.000	-.00021	.000	1
S1	5.0000	5.0223	.022	.446	.02809	.000	1
S2	62.500	59.923	-2.58	-4.12	.33743	.000	1
S3	125.00	125.77	.772	.618	.70846	.003	1
S4	250.00	252.39	2.39	.955	1.4219	.004	1
S5	500.00	503.51	3.51	.701	2.8368	.005	1
S6	800.00	795.89	-4.11	-.514	4.4842	.002	1

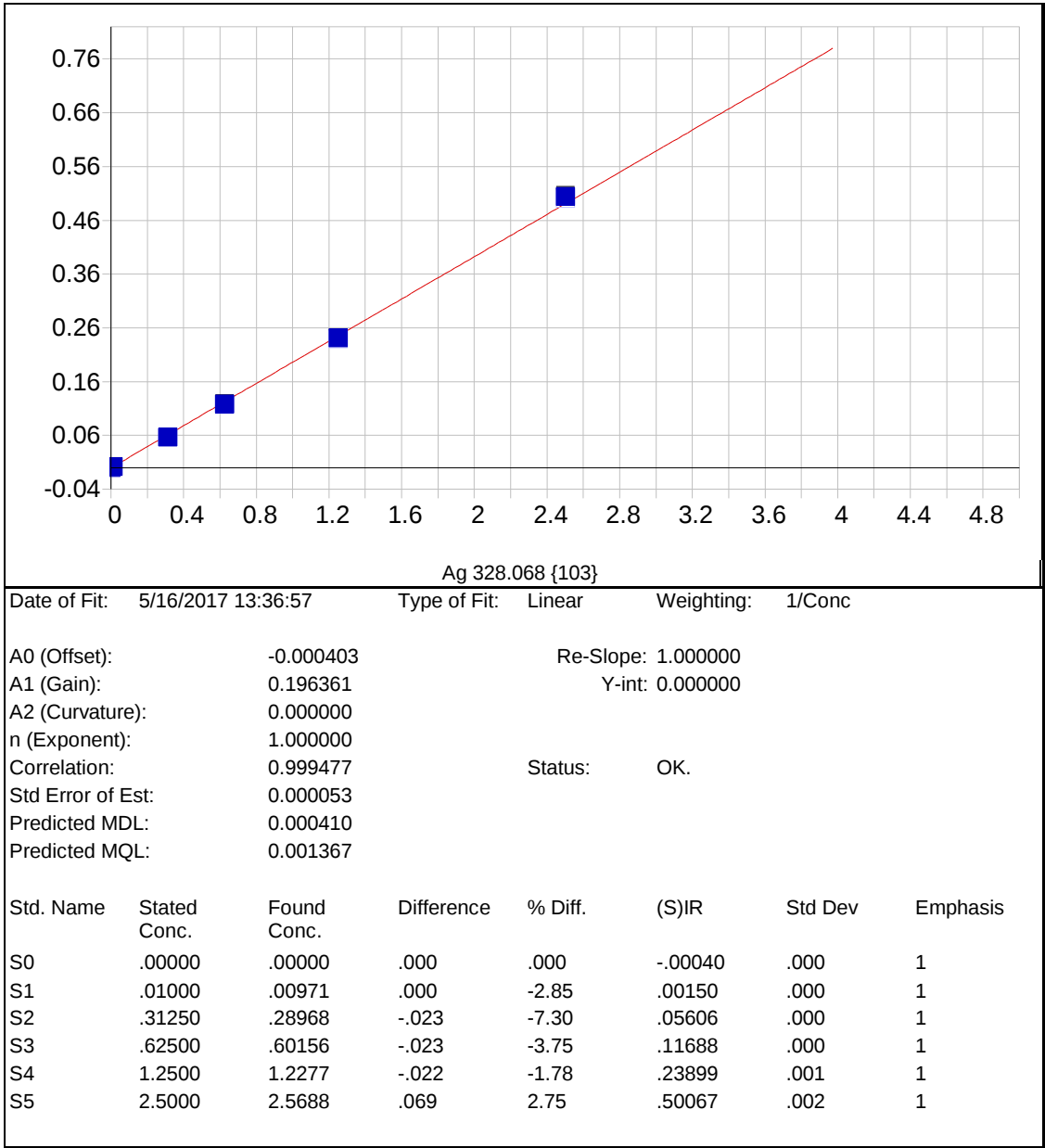


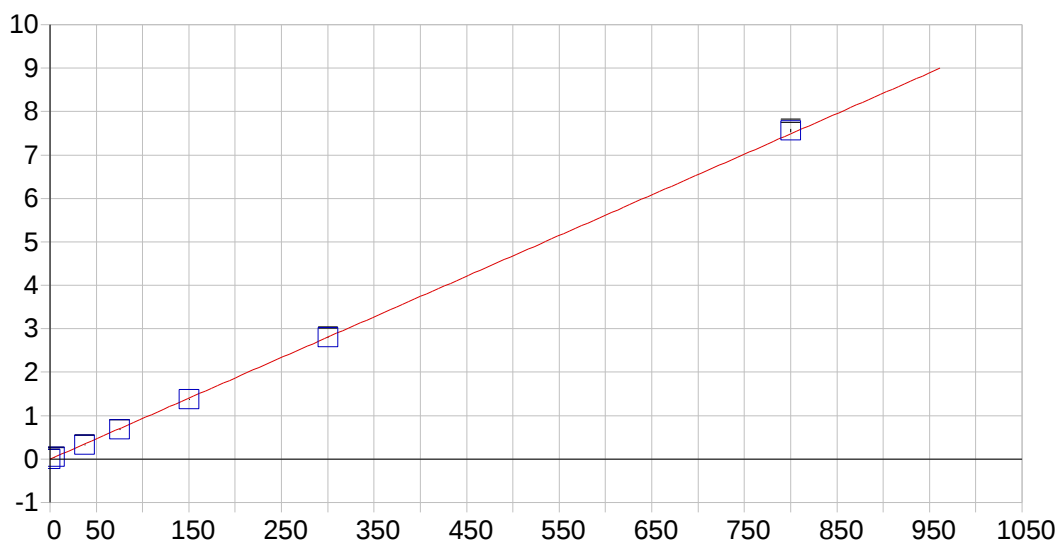
Ni 231.604 {446}

Date of Fit: 5/16/2017 13:36:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000573 Re-Slope: 1.000000
 A1 (Gain): 0.653647 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968 Status: OK.
 Std Error of Est: 0.000124
 Predicted MDL: 0.000321
 Predicted MQL: 0.001071

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00057	.000	1
S1	.04000	.03933	-.001	-1.69	.02517	.000	1
S2	.62500	.61146	-.014	-2.17	.40125	.002	1
S3	1.2500	1.2652	.015	1.22	.83074	.001	1
S4	2.5000	2.5135	.013	.539	1.6510	.004	1
S5	5.0000	4.9855	-.014	-.290	3.2754	.008	1





Na 818.326 { 41}

Date of Fit: 5/16/2017 13:36:57

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.002310

Re-Slope: 1.000000

A1 (Gain): 0.009360

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999849

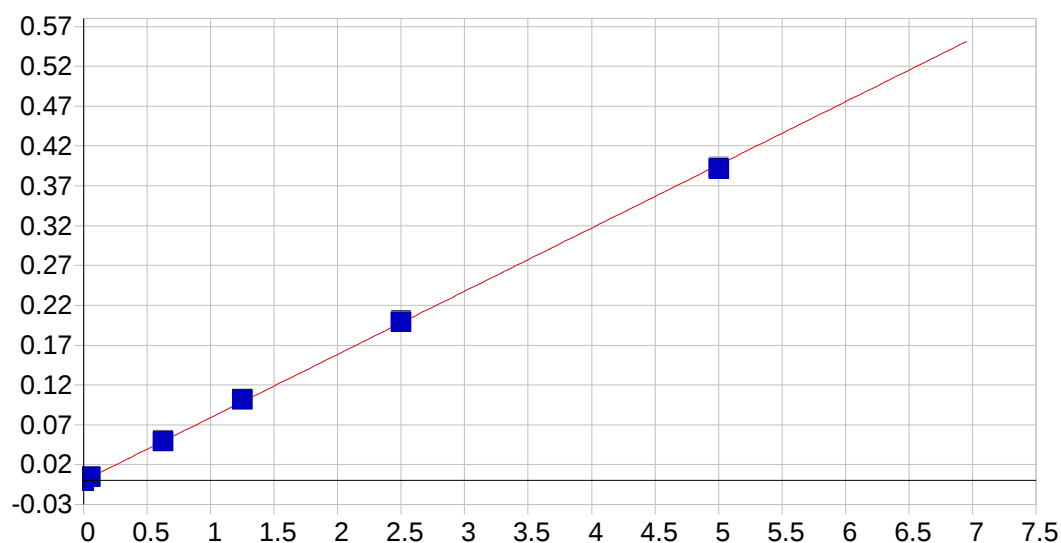
Status: OK.

Std Error of Est: 0.000503

Predicted MDL: 0.201238

Predicted MQL: 0.670792

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00079	.001	.000	-.00230	.002	1
S1	5.0000	4.7668	-.233	-4.66	.04231	.001	1
S2	37.500	34.770	-2.73	-7.28	.32315	.003	1
S3	75.000	72.932	-2.07	-2.76	.68036	.002	1
S4	150.00	146.88	-3.12	-2.08	1.3726	.002	1
S5	300.00	300.03	.026	.009	2.8060	.013	1
S6	800.00	808.12	8.12	1.01	7.5619	.035	1

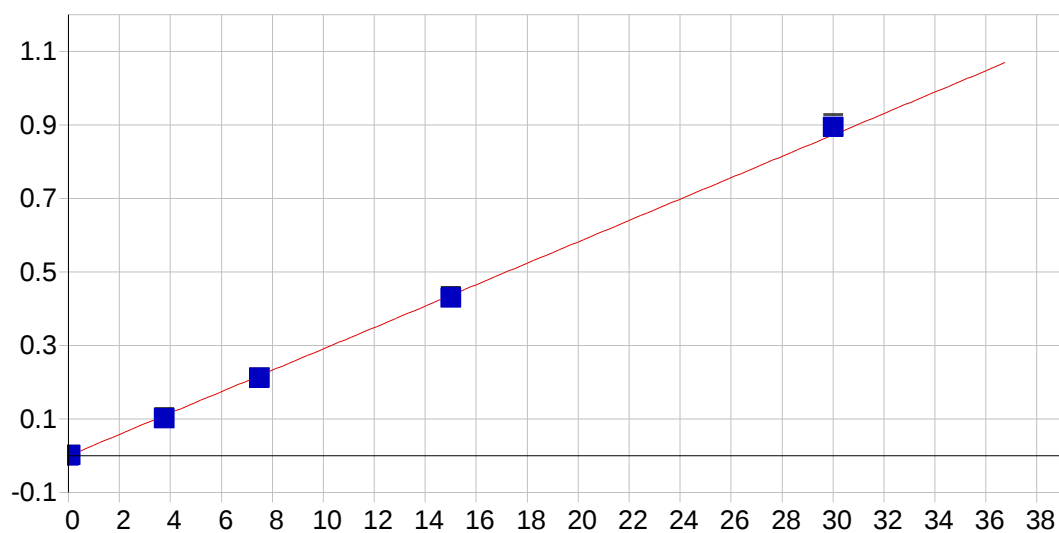


V 292.402 {115}

Date of Fit: 5/16/2017 13:36:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000277 Re-Slope: 1.000000
 A1 (Gain): 0.079295 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999833 Status: OK.
 Std Error of Est: 0.000039
 Predicted MDL: 0.004176
 Predicted MQL: 0.013921

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00028	.000	1
S1	.05000	.05910	.009	18.2	.00442	.000	1
S2	.62500	.62680	.002	.288	.04963	.001	1
S3	1.2500	1.2804	.030	2.43	.10166	.000	1
S4	2.5000	2.5166	.017	.662	.20009	.000	1
S5	5.0000	4.9422	-.058	-1.16	.39325	.000	1

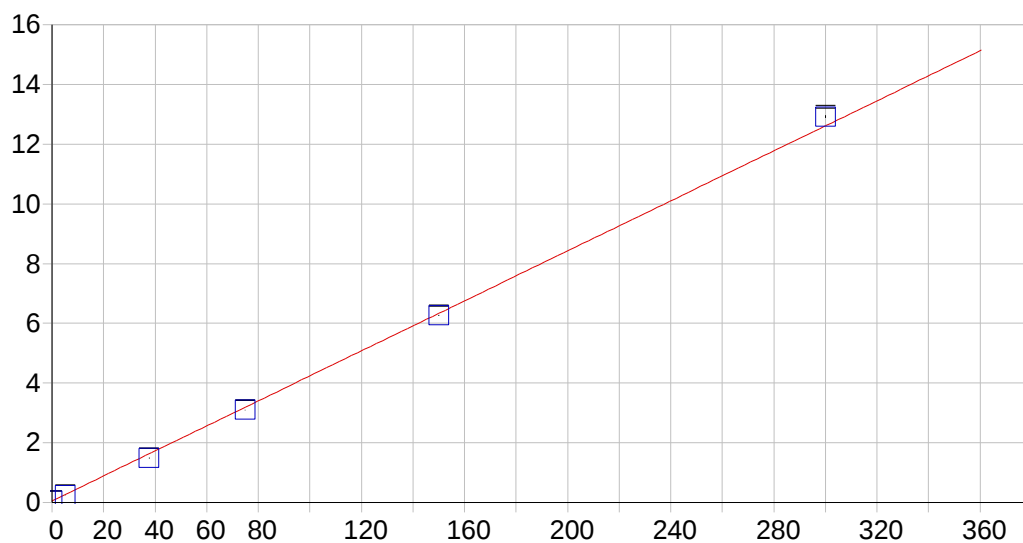


Zn 213.856 {158}

Date of Fit: 5/16/2017 13:36:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000318 Re-Slope: 1.000000
 A1 (Gain): 0.029106 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999591 Status: OK.
 Std Error of Est: 0.000059
 Predicted MDL: 0.014794
 Predicted MQL: 0.049315

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00032	.000	1
S1	.06000	.04890	-.011	-18.5	.00111	.000	1
S2	3.7500	3.5046	-.245	-6.55	.10195	.001	1
S3	7.5000	7.2679	-.232	-3.10	.21174	.001	1
S4	15.000	14.767	-.233	-1.56	.43053	.003	1
S5	30.000	30.722	.722	2.41	.89597	.007	1

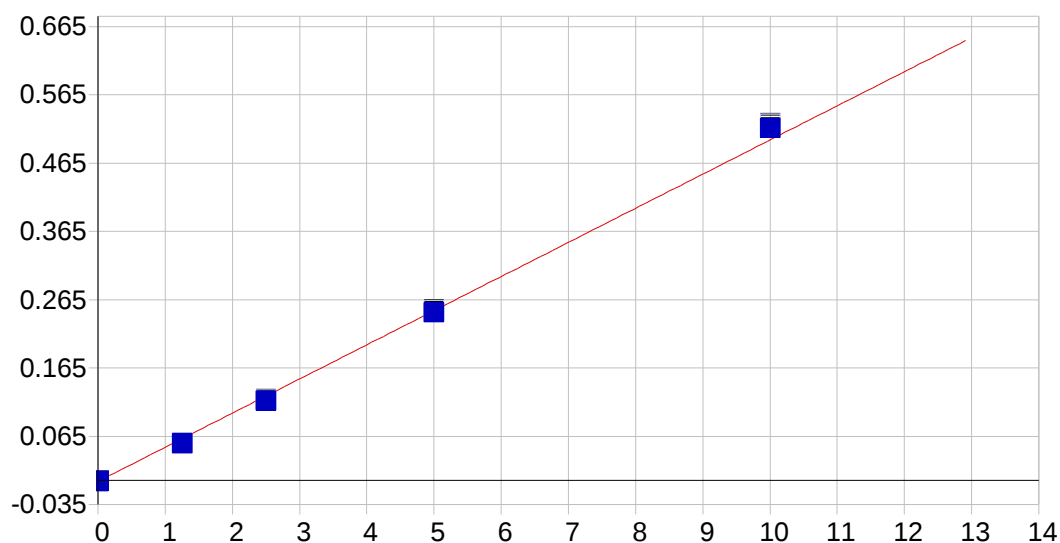


K 769.896 { 44}

Date of Fit: 5/16/2017 13:36:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.053059 Re-Slope: 1.000000
 A1 (Gain): 0.041868 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999501 Status: OK.
 Std Error of Est: 0.002729
 Predicted MDL: 0.040860
 Predicted MQL: 0.136199

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00088	.001	.000	.05310	.001	1
S1	5.0000	4.6225	-.377	-7.55	.24659	.002	1
S2	37.500	34.309	-3.19	-8.51	1.4895	.004	1
S3	75.000	72.713	-2.29	-3.05	3.0974	.013	1
S4	150.00	148.47	-1.53	-1.02	6.2693	.018	1
S5	300.00	307.38	7.38	2.46	12.923	.051	1

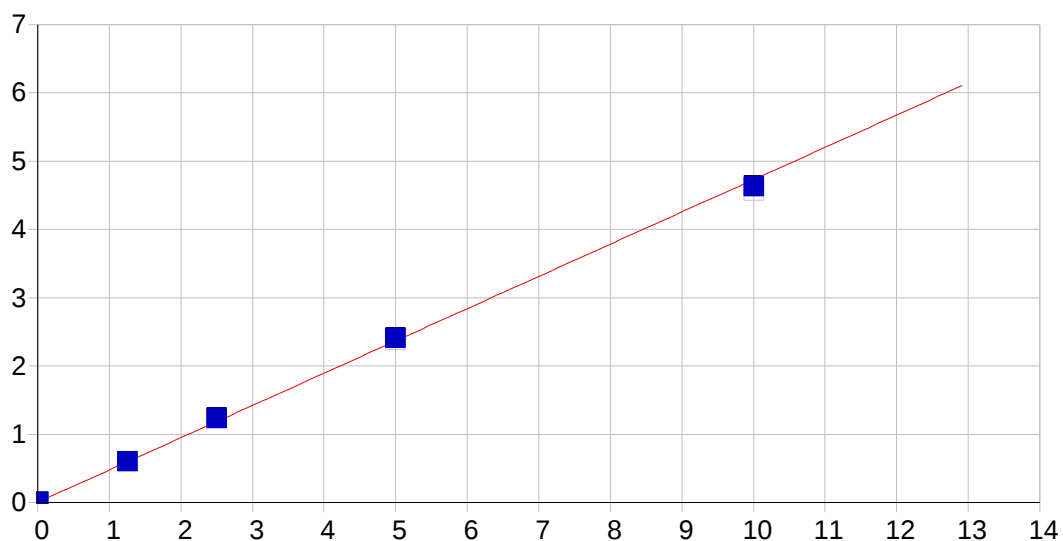


P 177.495 {490}

Date of Fit: 5/16/2017 13:36:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001155 Re-Slope: 1.000000
 A1 (Gain): 0.049997 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999035 Status: OK.
 Std Error of Est: 0.000037
 Predicted MDL: 0.002017
 Predicted MQL: 0.006722

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00115	.000	1
S1	.01000	.01228	.002	22.8	-.00053	.000	1
S2	1.2500	1.1038	-.146	-11.7	.05484	.000	1
S3	2.5000	2.3646	-.135	-5.42	.11869	.001	1
S4	5.0000	4.9397	-.060	-1.21	.24905	.001	1
S5	10.000	10.339	.339	3.39	.52225	.001	1

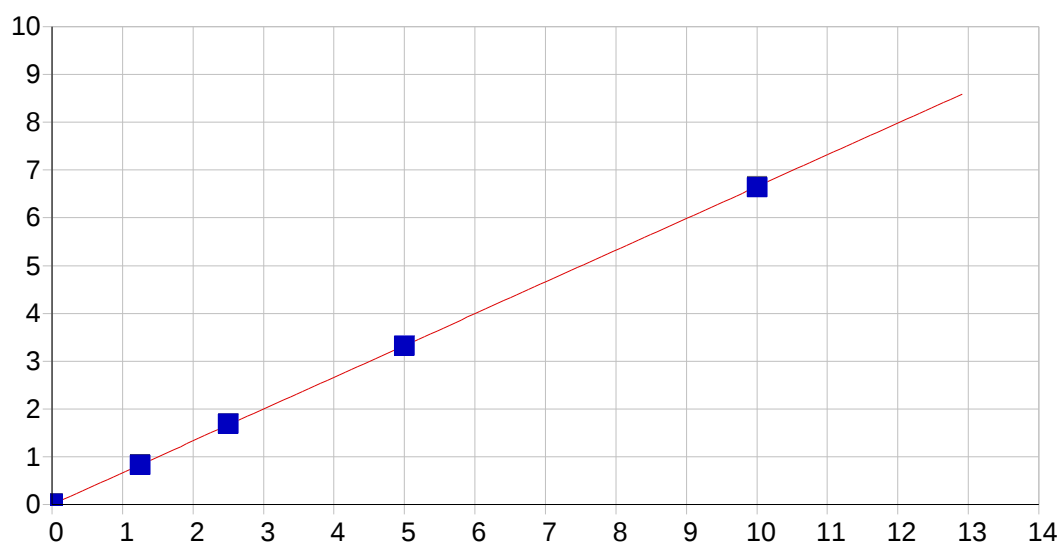


B 249.678 {135}

Date of Fit: 5/16/2017 13:36:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003151 Re-Slope: 1.000000
 A1 (Gain): 0.472695 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999684 Status: OK.
 Std Error of Est: 0.000197
 Predicted MDL: 0.001027
 Predicted MQL: 0.003423

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00315	.000	1
S1	.01000	.00984	.000	-1.63	.00781	.000	1
S2	1.2500	1.2657	.016	1.26	.59405	.002	1
S3	2.5000	2.6108	.111	4.43	1.2224	.005	1
S4	5.0000	5.0921	.092	1.84	2.3805	.007	1
S5	10.000	9.7816	-.218	-2.18	4.5677	.016	1

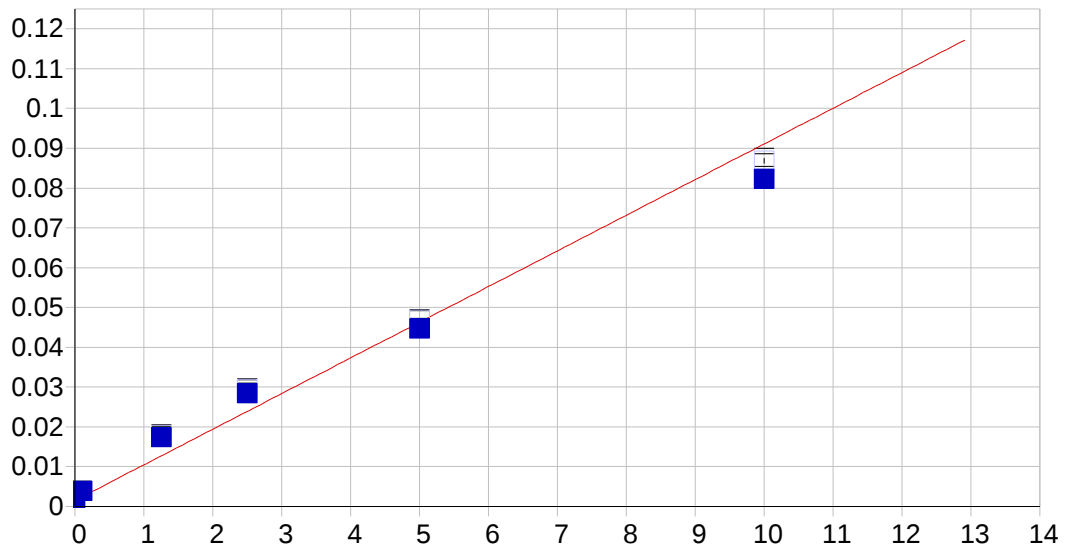


Mo 202.030 {467}

Date of Fit: 5/16/2017 13:36:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000250 Re-Slope: 1.000000
 A1 (Gain): 0.665259 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985 Status: OK.
 Std Error of Est: 0.000060
 Predicted MDL: 0.000261
 Predicted MQL: 0.000869

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00025	.000	1
S1	.01000	.01096	.001	9.57	.00755	.000	1
S2	1.2500	1.2450	-.005	-.396	.82929	.004	1
S3	2.5000	2.5311	.031	1.24	1.6856	.005	1
S4	5.0000	4.9917	-.008	-.166	3.3241	.005	1
S5	10.000	9.9812	-.019	-.188	6.6463	.013	1

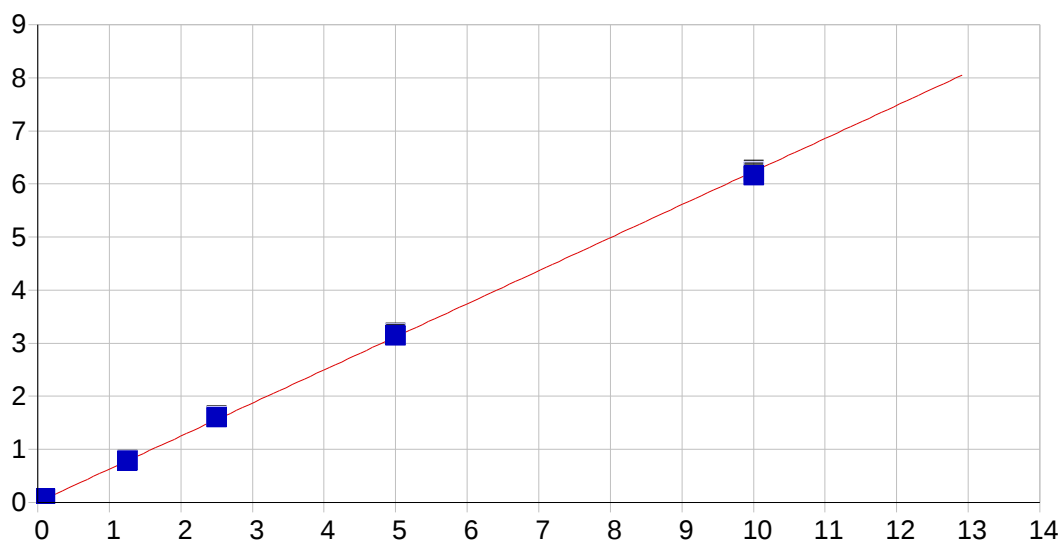


S 182.034 {485}

Date of Fit: 5/16/2017 13:36:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001489 Re-Slope: 1.000000
 A1 (Gain): 0.008960 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.983857 Status: OK.
 Std Error of Est: 0.000091
 Predicted MDL: 0.010154
 Predicted MQL: 0.033847

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00021	.000	.000	.00149	.000	1
S1	.10000	.26382	.164	164.	.00385	.000	1
S2	1.2500	1.7705	.521	41.6	.01792	.000	1
S3	2.5000	2.9961	.496	19.8	.02947	.000	1
S4	5.0000	4.8135	-.186	-3.73	.04690	.000	1
S5	10.000	9.0136	-.986	-9.86	.08680	.001	1

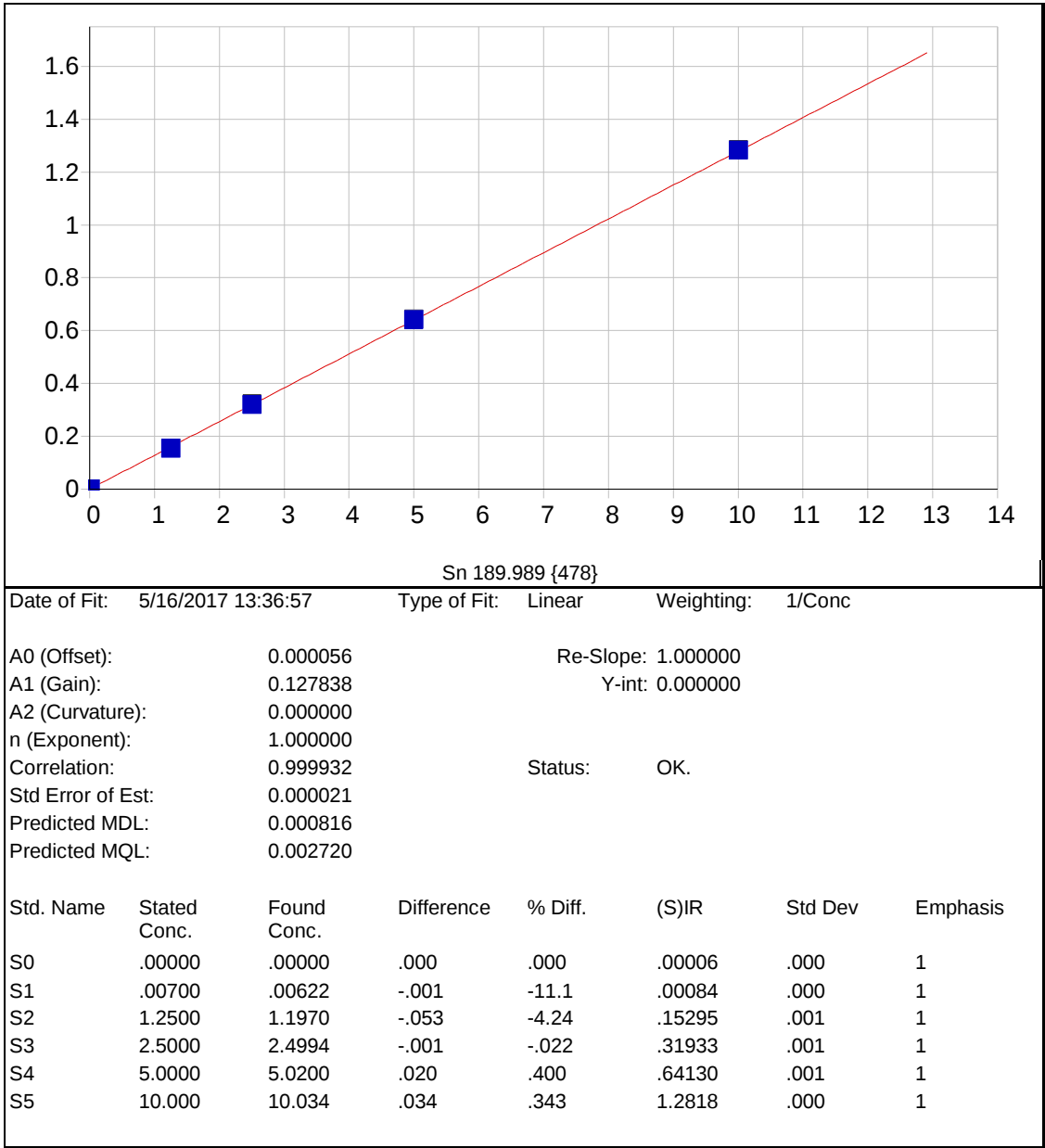


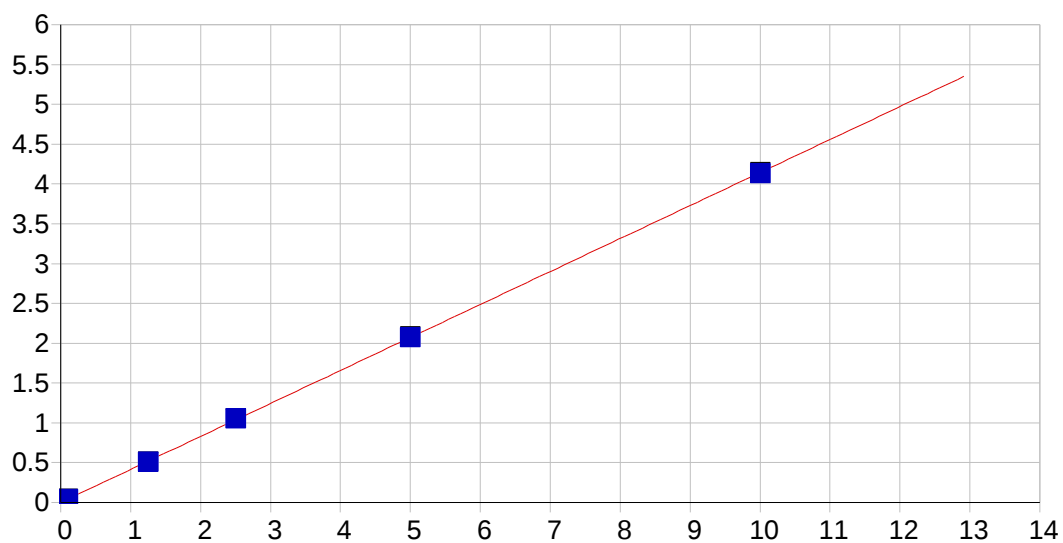
Si 251.611 {134}

Date of Fit: 5/16/2017 13:36:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005428 Re-Slope: 1.000000
 A1 (Gain): 0.622793 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999907 Status: OK.
 Std Error of Est: 0.000456
 Predicted MDL: 0.000926
 Predicted MQL: 0.003085

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00542	.001	1
S1	.10000	.10348	.003	3.48	.07010	.003	1
S2	1.2500	1.2545	.005	.361	.79590	.001	1
S3	2.5000	2.5677	.068	2.71	1.6229	.013	1
S4	5.0000	5.0387	.039	.775	3.1802	.014	1
S5	10.000	9.8856	-.114	-1.14	6.2354	.030	1



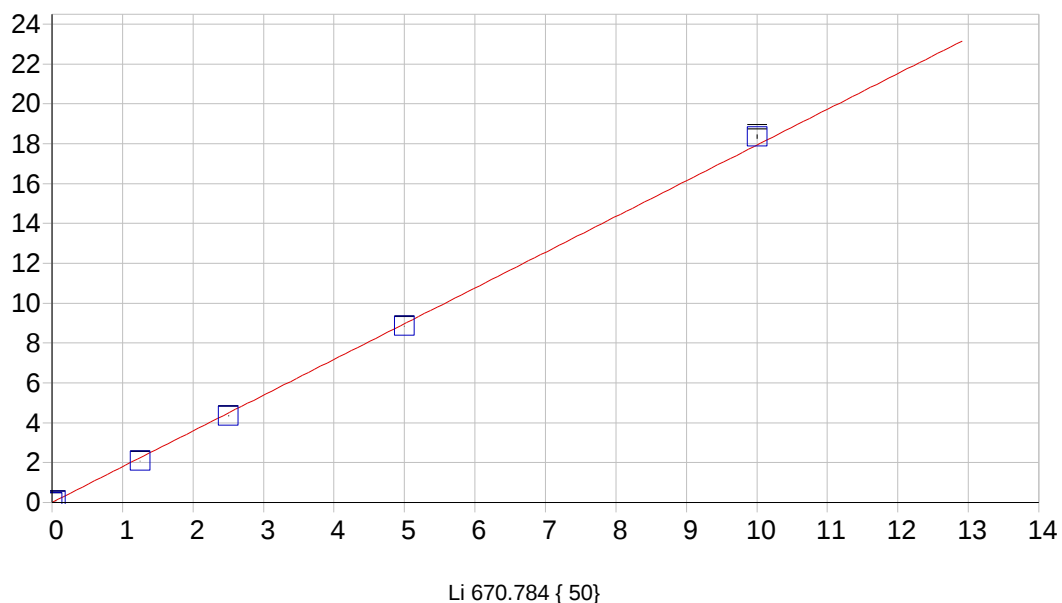


Ti 336.121 {100}

Date of Fit: 5/16/2017 13:36:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000985 Re-Slope: 1.000000
 A1 (Gain): 0.414228 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970 Status: OK.
 Std Error of Est: 0.000170
 Predicted MDL: 0.001201
 Predicted MQL: 0.004004

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00098	.000	1
S1	.10000	.10269	.003	2.69	.04351	.001	1
S2	1.2500	1.2251	-.025	-1.99	.50828	.001	1
S3	2.5000	2.5351	.035	1.41	1.0508	.003	1
S4	5.0000	5.0086	.009	.173	2.0750	.004	1
S5	10.000	9.9784	-.022	-.216	4.1329	.010	1



Date of Fit: 5/16/2017 13:36:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005329 Re-Slope: 1.000000
 A1 (Gain): 1.793135 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999580 Status: OK.
 Std Error of Est: 0.001951
 Predicted MDL: 0.000963
 Predicted MQL: 0.003209

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00534	.001	1
S5	10.000	10.238	.238	2.38	18.363	.100	1
S4	5.0000	4.9342	-.066	-1.32	8.8530	.008	1
S3	2.5000	2.4230	-.077	-3.08	4.3501	.011	1
S2	1.2500	1.1587	-.091	-7.31	2.0830	.011	1
S1	.05000	.04656	-.003	-6.88	.08882	.001	1



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

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

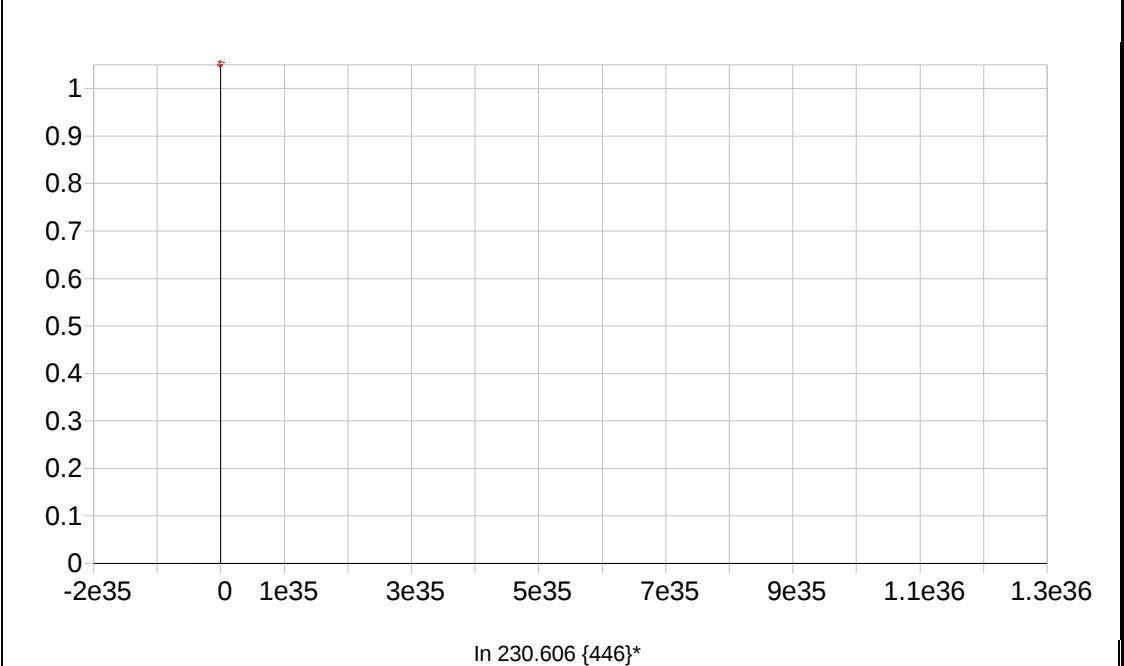




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

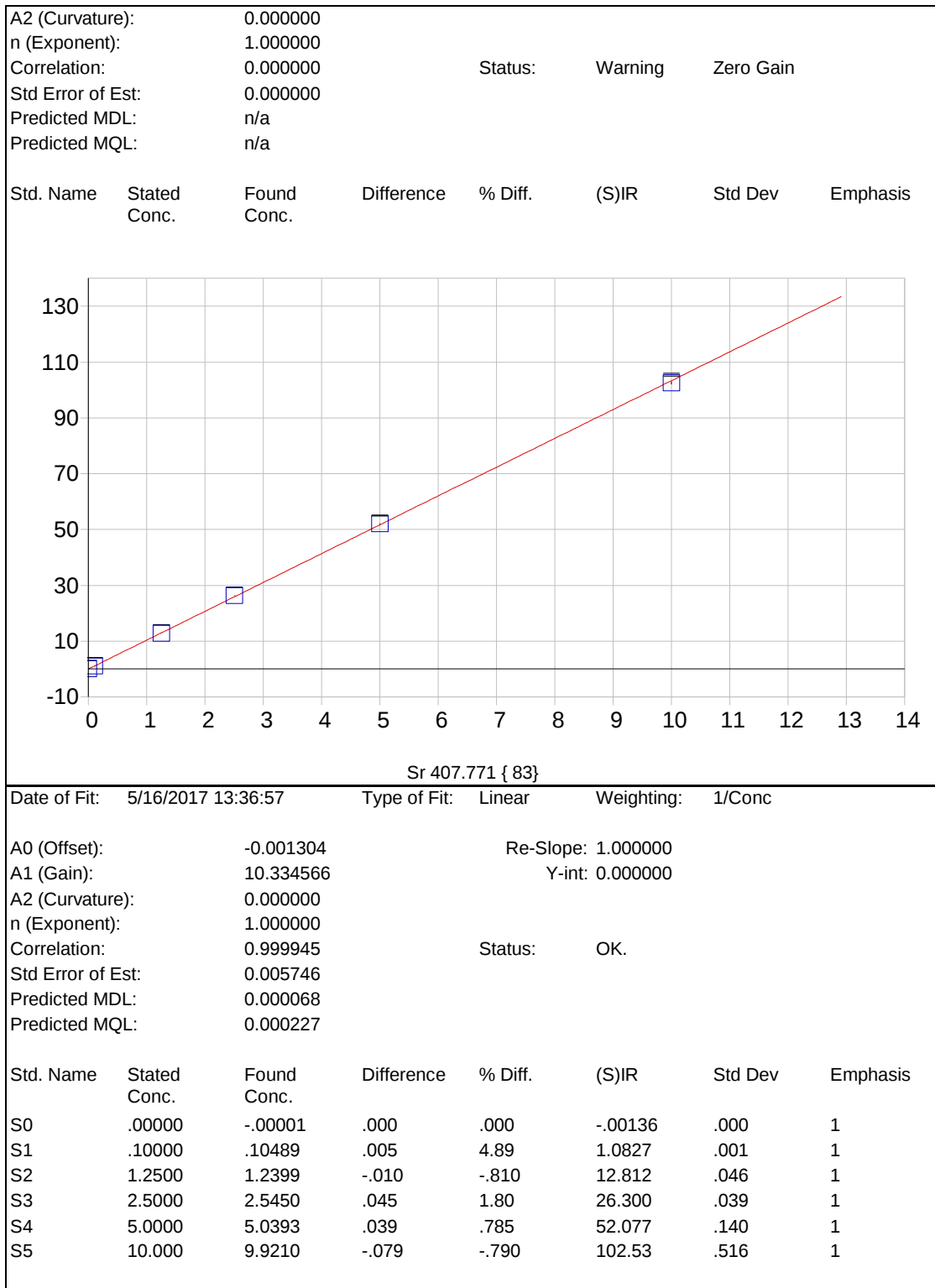
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

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

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



Sample Name: S0 Acquired: 5/16/2017 11:09:03 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	-.00024	-.00029	.00027	.00013	.00018	.00072	-.04771	-.00285
Stddev	.00006	.00010	.00018	.00005	.00020	.00036	.00208	.00014
%RSD	24.281	33.088	65.127	38.247	111.49	50.231	4.3647	5.0241

#1	-.00027	-.00032	.00047	.00009	.00013	.00058	-.04840	-.00295
#2	-.00028	-.00018	.00019	.00019	.00040	.00045	-.04537	-.00268
#3	-.00017	-.00037	.00015	.00011	.00000	.00114	-.04936	-.00290

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	.00020	.00148	.00003	-.00021	.00091	.00014	-.00031	-.00021
Stddev	.00004	.00033	.00002	.00002	.00034	.00019	.00026	.00023
%RSD	18.685	22.410	50.213	10.215	37.007	131.32	82.315	111.80

#1	.00024	.00119	.00003	-.00021	.00075	.00032	-.00023	-.00003
#2	.00019	.00184	.00002	-.00019	.00068	.00017	-.00011	-.00013
#3	.00017	.00140	.00005	-.00023	.00130	-.00005	-.00060	-.00047

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	-.00057	-.00040	-.00230	-.00028	-.00032	.05310	-.00115	.00315
Stddev	.00017	.00002	.00206	.00016	.00030	.00077	.00003	.00014
%RSD	30.019	5.5045	89.626	56.136	94.215	1.4410	2.1942	4.3155

#1	-.00054	-.00039	-.00254	-.00025	-.00006	.05335	-.00118	.00310
#2	-.00076	-.00043	-.00013	-.00014	-.00064	.05224	-.00113	.00331
#3	-.00042	-.00039	-.00424	-.00044	-.00025	.05370	-.00115	.00305

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	.00025	.00149	.00542	.00006	.00098	.00534	-.00136	
Stddev	.00015	.00005	.00082	.00005	.00027	.00055	.00008	
%RSD	60.111	3.1459	15.131	97.065	27.623	10.342	6.1017	

#1	.00042	.00149	.00566	.00012	.00129	.00597	-.00132	
#2	.00013	.00153	.00451	.00002	.00091	.00494	-.00131	
#3	.00020	.00144	.00610	.00003	.00076	.00511	-.00146	

Sample Name: S0 Acquired: 5/16/2017 11:09:03 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	1793.4	2727.8	54340.	4371.4	3806.3
Stddev	6.9	10.7	80.	15.3	12.7
%RSD	.38413	.39339	.14791	.35002	.33287
#1	1789.6	2719.6	54288.	4353.9	3796.1
#2	1789.4	2723.8	54300.	4378.2	3802.4
#3	1801.4	2739.9	54433.	4382.1	3820.5

Sample Name: S1 Acquired: 5/16/2017 11:13:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	.00033	.00211	.00243	.00222	.01121	.01695	.86181	.03518
Stddev	.00010	.00007	.00027	.00021	.00009	.00036	.00334	.00040
%RSD	30.296	3.4264	11.216	9.6537	.77987	2.1169	.38786	1.1472

#1	.00040	.00205	.00225	.00231	.01131	.01654	.85799	.03471
#2	.00022	.00219	.00275	.00238	.01117	.01718	.86419	.03538
#3	.00038	.00211	.00230	.00198	.01115	.01714	.86326	.03544

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	.00920	.25044	.00152	.03340	.00604	.00167	.00478	.02809
Stddev	.00010	.00080	.00004	.00019	.00011	.00019	.00033	.00015
%RSD	1.0441	.31803	2.5979	.58183	1.7580	11.589	6.9818	.52040

#1	.00911	.25052	.00156	.03322	.00608	.00172	.00482	.02813
#2	.00930	.25120	.00148	.03360	.00592	.00183	.00509	.02793
#3	.00919	.24961	.00151	.03338	.00613	.00145	.00443	.02821

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	.02517	.00150	.04231	.00442	.00111	.24659	-.00053	.00781
Stddev	.00026	.00003	.00067	.00025	.00037	.00195	.00011	.00037
%RSD	1.0418	1.7663	1.5779	5.5507	33.666	.79051	20.871	4.7635

#1	.02526	.00152	.04193	.00425	.00080	.24635	-.00066	.00804
#2	.02537	.00151	.04191	.00431	.00152	.24865	-.00050	.00801
#3	.02487	.00147	.04308	.00470	.00101	.24478	-.00044	.00738

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	.00755	.00385	.07010	.00084	.04351	.08882	1.0827	
Stddev	.00003	.00007	.00348	.00010	.00056	.00101	.0014	
%RSD	.43250	1.7155	4.9681	12.247	1.2764	1.1398	.13213	

#1	.00753	.00378	.06780	.00083	.04373	.08998	1.0811	
#2	.00754	.00390	.06839	.00074	.04392	.08813	1.0832	
#3	.00759	.00388	.07411	.00094	.04288	.08833	1.0838	

Sample Name: S1 Acquired: 5/16/2017 11:13:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	1787.3	2687.1	54263.	4365.6	3666.1
Stddev	11.5	10.6	243.	12.7	10.7
%RSD	.64208	.39302	.44825	.29151	.29119
#1	1775.7	2691.5	54081.	4357.7	3673.6
#2	1798.7	2675.0	54539.	4358.9	3653.9
#3	1787.7	2694.7	54169.	4380.3	3670.8

Sample Name: S2 Acquired: 5/16/2017 11:18:51 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	.06192	.11241	1.2752	.06846	.22512	3.0467	10.834	.86823
Stddev	.00013	.00074	.0081	.00023	.00094	.0039	.052	.00282
%RSD	.21106	.65870	.63395	.34173	.41889	.12629	.47734	.32496

#1	.06190	.11225	1.2707	.06829	.22457	3.0447	10.890	.86892
#2	.06181	.11176	1.2704	.06837	.22458	3.0443	10.787	.87065
#3	.06207	.11321	1.2846	.06873	.22621	3.0512	10.826	.86513

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	1.0962	2.9250	.51777	.42308	.76096	.53185	1.1558	.33743
Stddev	.0065	.0042	.00050	.00180	.00464	.00236	.0053	.00040
%RSD	.59401	.14475	.09700	.42564	.60922	.44360	.45723	.11916

#1	1.0925	2.9298	.51749	.42197	.76410	.53457	1.1619	.33727
#2	1.0925	2.9232	.51747	.42210	.75563	.53032	1.1525	.33714
#3	1.1038	2.9219	.51835	.42515	.76315	.53066	1.1530	.33789

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	.40125	.05606	.32315	.04963	.10195	1.4895	.05484	.59405
Stddev	.00184	.00028	.00257	.00072	.00142	.0042	.00041	.00209
%RSD	.45821	.50678	.79618	1.4577	1.3959	.28342	.74798	.35164

#1	.40045	.05589	.32134	.04903	.10036	1.4941	.05441	.59508
#2	.39995	.05590	.32202	.04943	.10237	1.4859	.05488	.59543
#3	.40336	.05639	.32609	.05043	.10311	1.4886	.05523	.59165

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	.82929	.01792	.79590	.15295	.50828	2.0830	12.812	
Stddev	.00396	.00012	.00148	.00062	.00139	.0110	.046	
%RSD	.47812	.66450	.18636	.40456	.27395	.52683	.35884	

#1	.82716	.01779	.79732	.15266	.50668	2.0936	12.845	
#2	.82684	.01797	.79600	.15254	.50897	2.0717	12.760	
#3	.83386	.01801	.79436	.15366	.50920	2.0837	12.833	

Sample Name: S2 Acquired: 5/16/2017 11:18:51 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	1708.9	2584.9	52233.	4369.9	3213.3
Stddev	8.8	3.9	154.	9.8	7.0
%RSD	.51541	.15124	.29504	.22392	.21668
#1	1710.1	2581.6	52305.	4362.0	3213.2
#2	1717.0	2589.2	52338.	4367.0	3220.4
#3	1699.5	2583.9	52056.	4380.8	3206.4

Sample Name: S3 Acquired: 5/16/2017 11:22:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	.12870	.22677	2.6461	.14084	.46492	6.3623	22.389	1.8110
Stddev	.00011	.00195	.0013	.00063	.00121	.0139	.056	.0094
%RSD	.08403	.86143	.04830	.44814	.25925	.21804	.25184	.52039

#1	.12870	.22504	2.6453	.14058	.46488	6.3471	22.344	1.8193
#2	.12859	.22639	2.6475	.14038	.46373	6.3742	22.453	1.8008
#3	.12880	.22889	2.6453	.14156	.46614	6.3657	22.372	1.8129

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	2.2836	6.0274	1.0499	.88328	1.5527	1.0805	2.3584	.70846
Stddev	.0030	.0096	.0010	.00110	.0039	.0004	.0014	.00297
%RSD	.13328	.15894	.09087	.12471	.24927	.03966	.05986	.41946

#1	2.2836	6.0385	1.0509	.88417	1.5484	1.0810	2.3589	.70629
#2	2.2805	6.0215	1.0498	.88205	1.5559	1.0801	2.3596	.70724
#3	2.2866	6.0223	1.0490	.88362	1.5539	1.0804	2.3569	.71185

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	.83074	.11688	.68036	.10166	.21174	3.0974	.11869	1.2224
Stddev	.00079	.00008	.00174	.00036	.00067	.0133	.00067	.0054
%RSD	.09557	.06661	.25608	.35336	.31507	.42842	.56458	.43894

#1	.83132	.11685	.67835	.10164	.21098	3.0854	.11848	1.2261
#2	.82983	.11697	.68122	.10131	.21220	3.1117	.11814	1.2163
#3	.83107	.11683	.68150	.10203	.21205	3.0952	.11943	1.2250

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	1.6856	.02947	1.6229	.31933	1.0508	4.3501	26.300	
Stddev	.0054	.00014	.0133	.00141	.0027	.0111	.039	
%RSD	.32264	.46329	.81931	.44281	.25951	.25607	.15014	

#1	1.6848	.02958	1.6375	.31860	1.0476	4.3386	26.257	
#2	1.6806	.02932	1.6115	.31843	1.0523	4.3608	26.335	
#3	1.6914	.02951	1.6196	.32096	1.0523	4.3508	26.308	

Sample Name: S3 Acquired: 5/16/2017 11:22:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	1652.0	2469.0	50592.	4255.9	2953.0
Stddev	3.2	6.0	166.	10.7	3.3
%RSD	.19411	.24410	.32782	.25174	.11233
#1	1652.7	2468.1	50781.	4246.7	2954.4
#2	1654.8	2475.4	50474.	4267.6	2955.4
#3	1648.5	2463.5	50520.	4253.2	2949.2

Sample Name: S4 Acquired: 5/16/2017 11:26:36 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	.26161	.44220	5.2729	.28195	.94109	12.849	44.532	3.5987
Stddev	.00080	.00134	.0082	.00045	.00095	.033	.075	.0120
%RSD	.30572	.30192	.15560	.15944	.10130	.25809	.16949	.33244

#1	.26236	.44104	5.2712	.28184	.94087	12.884	44.619	3.6110
#2	.26077	.44189	5.2656	.28157	.94027	12.819	44.484	3.5980
#3	.26170	.44366	5.2818	.28245	.94214	12.845	44.494	3.5871

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	4.5526	11.879	2.0334	1.7668	3.0938	2.0856	4.5592	1.4219
Stddev	.0151	.016	.0072	.0053	.0054	.0010	.0052	.0042
%RSD	.33176	.13820	.35221	.30290	.17433	.04912	.11347	.29753

#1	4.5453	11.894	2.0339	1.7649	3.0994	2.0868	4.5566	1.4236
#2	4.5426	11.882	2.0403	1.7627	3.0886	2.0848	4.5652	1.4249
#3	4.5700	11.861	2.0260	1.7729	3.0936	2.0854	4.5559	1.4171

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	1.6510	.23899	1.3726	.20009	.43053	6.2693	.24905	2.3805
Stddev	.0040	.00079	.0018	.00049	.00251	.0180	.00114	.0069
%RSD	.24064	.33053	.12893	.24538	.58228	.28720	.45944	.29163

#1	1.6493	.23860	1.3728	.19954	.43141	6.2899	.24801	2.3886
#2	1.6481	.23990	1.3742	.20047	.42770	6.2568	.24886	2.3764
#3	1.6555	.23848	1.3707	.20027	.43248	6.2610	.25028	2.3766

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	3.3241	.04690	3.1802	.64130	2.0750	8.8530	52.077	
Stddev	.0050	.00016	.0140	.00147	.0043	.0079	.140	
%RSD	.15054	.35165	.43954	.22895	.20754	.08918	.26907	

#1	3.3220	.04671	3.1948	.64047	2.0785	8.8607	52.239	
#2	3.3204	.04703	3.1787	.64044	2.0702	8.8449	51.989	
#3	3.3298	.04695	3.1670	.64299	2.0762	8.8534	52.004	

Sample Name: S4 Acquired: 5/16/2017 11:26:36 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	1561.8	2332.4	48738.	4171.8	2705.2
Stddev	2.8	1.0	139.	13.1	3.8
%RSD	.17730	.04481	.28590	.31490	.14213
#1	1560.6	2332.7	48740.	4157.1	2708.6
#2	1565.0	2333.2	48598.	4175.9	2706.0
#3	1559.9	2331.2	48877.	4182.4	2701.0

Sample Name: S5 Acquired: 5/16/2017 11:30:25 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	.54516	.86035	10.566	.57604	1.9667	26.356	88.327	7.1666
Stddev	.00081	.00124	.011	.00213	.0014	.054	.599	.0322
%RSD	.14843	.14431	.10167	.36907	.07069	.20481	.67824	.44939

#1	.54581	.85963	10.571	.57814	1.9681	26.317	87.640	7.1767
#2	.54541	.86178	10.573	.57608	1.9669	26.418	88.734	7.1306
#3	.54425	.85963	10.554	.57389	1.9653	26.334	88.608	7.1926

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	9.0495	23.470	3.8994	3.5384	6.2582	4.0150	8.7935	2.8368
Stddev	.0192	.039	.0080	.0049	.0279	.0095	.0102	.0053
%RSD	.21256	.16671	.20501	.13700	.44662	.23791	.11573	.18809

#1	9.0614	23.502	3.9042	3.5437	6.2279	4.0208	8.7980	2.8429
#2	9.0598	23.426	3.9039	3.5372	6.2829	4.0040	8.7819	2.8332
#3	9.0273	23.483	3.8902	3.5343	6.2639	4.0202	8.8007	2.8343

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	3.2754	.50067	2.8060	.39325	.89597	12.923	.52225	4.5677
Stddev	.0076	.00153	.0126	.00044	.00684	.051	.00140	.0156
%RSD	.23040	.30461	.44869	.11076	.76347	.39517	.26727	.34118

#1	3.2830	.50024	2.7929	.39358	.90366	12.873	.52180	4.5732
#2	3.2752	.49941	2.8180	.39343	.89368	12.975	.52382	4.5501
#3	3.2679	.50236	2.8072	.39276	.89056	12.920	.52114	4.5798

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	6.6463	.08680	6.2354	1.2818	4.1329	18.363	102.53	
Stddev	.0125	.00067	.0300	.0004	.0105	.100	.52	
%RSD	.18851	.77307	.48062	.02930	.25393	.54530	.50365	

#1	6.6578	.08604	6.2459	1.2822	4.1208	18.280	101.95	
#2	6.6483	.08731	6.2016	1.2815	4.1396	18.474	102.94	
#3	6.6330	.08706	6.2588	1.2817	4.1383	18.334	102.70	

Sample Name: S5 Acquired: 5/16/2017 11:30:25 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	1415.0	2116.3	45980.	4054.6	2397.0
Stddev	6.7	3.2	34.	10.5	2.8
%RSD	.47086	.15165	.07326	.25942	.11671
#1	1407.8	2112.8	45985.	4054.6	2394.8
#2	1416.4	2119.1	45944.	4065.0	2400.2
#3	1420.9	2117.1	46011.	4044.0	2396.1

Sample Name: S6 Acquired: 5/16/2017 11:34:31 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	70.005	38.452	10.182	4.4842	7.5619
Stddev	.247	.043	.002	.0017	.0355
%RSD	.35257	.11071	.02032	.03704	.46905

#1	70.121	38.462	10.181	4.4860	7.5852
#2	69.722	38.405	10.180	4.4841	7.5211
#3	70.173	38.488	10.184	4.4827	7.5795

Int. Std.	Y_3710
Units	Cts/S
Avg	3967.5
Stddev	14.4
%RSD	.36371

#1	3956.5
#2	3983.9
#3	3962.2

Sample Name: ICV Acquired: 5/16/2017 11:39:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	.9639340	1.091201	.9685104	.9910186	.9597607	2.400633
Stddev	.0062247	.005831	.0049303	.0084600	.0049946	.004239
%RSD	.6457617	.5343616	.5090633	.8536703	.5203992	.1765670

#1	.9708435	1.097434	.9716960	1.000781	.9651090	2.399926
#2	.9621943	1.085879	.9628313	.985840	.9552177	2.396792
#3	.9587642	1.090289	.9710037	.986434	.9589555	2.405181

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4976704	.4924086	.4634921	10.10658	.5255749	.4709741
Stddev	.0012742	.0007686	.0009470	.01669	.0047344	.0012885
%RSD	.2560400	.1560844	.2043140	.1651069	.9007972	.2735766

#1	.4982545	.4924697	.4644025	10.11990	.5201322	.4724579
#2	.4985480	.4916113	.4625123	10.11197	.5287398	.4703277
#3	.4962089	.4931448	.4635613	10.08786	.5278528	.4701368

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5077657	5.487938	.5340183	5.782646	.4805925	.4688218
Stddev	.0052862	.017080	.0044132	.025946	.0023008	.0033819
%RSD	1.041077	.3112303	.8264225	.4486930	.4787345	.7213525

#1	.5130093	5.507441	.5354487	5.795799	.4832273	.4649196
#2	.5078500	5.475646	.5375389	5.752757	.4789799	.4709014
#3	.5024379	5.480728	.5290672	5.799381	.4795704	.4706445

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.663094	.5390427	.9340444	9.140922	F -.009128	F -.006037
Stddev	.224998	.0055079	.0226952	.039098	.001860	.001143
%RSD	2.328423	1.021795	2.429776	.4277248	20.37122	18.93462

#1	9.660098	.5345894	.9109640	9.174498	-.006981	-.005876
#2	9.439609	.5373371	.9563337	9.150271	-.010182	-.004983
#3	9.889574	.5452017	.9348355	9.097997	-.010222	-.007252

Sample Name: ICV Acquired: 5/16/2017 11:39:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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 -.000010	-.017259	.0017424	F .0005588	-.000146	.0036669
Stddev	.000208	.008218	.0003409	.0010845	.000690	.0004208
%RSD	2048.909	47.61395	19.56431	194.0860	473.8133	11.47685

#1	.000177	-.013415	.0013726	.0006502	.000186	.0039506
#2	-.000233	-.011669	.0020442	.0015948	.000316	.0038666
#3	.000025	-.026695	.0018103	-.000569	-.000939	.0031833

Elem	Sr4077
Units	ppm
Avg	.0117492
Stddev	.0000351
%RSD	.2985824

#1	.0117778
#2	.0117598
#3	.0117101

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1753.695	2636.091	53684.39	4330.512	3546.479
Stddev	13.977	14.442	267.41	9.383	14.495
%RSD	.7969958	.5478447	.4981063	.2166832	.4087220

#1	1769.206	2619.795	53992.28	4320.112	3529.741
#2	1742.078	2647.302	53550.68	4333.082	3554.894
#3	1749.800	2641.178	53510.22	4338.343	3554.802

Sample Name: ICB Acquired: 5/16/2017 11:43:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	.0008841	.0015293	-.000313	.0008209	-.001181	.0034233	-.002404
Stddev	.0020069	.0001450	.001308	.0029379	.000941	.0041747	.000516
%RSD	226.9892	9.481951	417.3014	357.8983	79.65753	121.9477	21.47015

#1	-.001408	.0016952	.000583	.0039803	-.001968	.0012385	-.002417
#2	.002328	.0014271	-.001814	-.001829	-.000139	.0082370	-.002913
#3	.001732	.0014655	.000291	.000311	-.001437	.0007945	-.001881

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000009	-.000044	.0002406	-.000432	.0000138	.0008243	.0005412
Stddev	.000056	.000053	.0018251	.000082	.0000367	.0009296	.0134816
%RSD	612.0294	119.6406	758.4867	18.96927	266.6296	112.7744	2490.954

#1	-.000040	.000002	.0015704	-.000359	.0000538	.0000236	.0021705
#2	-.000044	-.000033	-.001840	-.000521	.0000059	.0018437	-.013681
#3	.000056	-.000102	.000992	-.000416	-.000018	.0006054	.013134

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008877	-.028720	-.000010	.0003583	-.096767	.0018767	-.011924
Stddev	.0004763	.020442	.000127	.0001741	.083011	.0010525	.006005
%RSD	53.65878	71.17838	1323.333	48.58538	85.78434	56.08305	50.35783

#1	.0010075	-.014737	.000015	.0004080	-.004185	.0022965	-.005329
#2	.0003629	-.052181	-.000147	.0001647	-.164557	.0026546	-.017075
#3	.0012927	-.019241	.000104	.0005020	-.121559	.0006791	-.013368

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0157131	-.000619	.0048295	.0001571	-.036771	-.000751	.0003052
Stddev	.0357646	.002580	.0008603	.0001467	.004789	.000937	.0002130
%RSD	227.6102	416.6205	17.81363	93.37952	13.02413	124.8017	69.80819

#1	.0428933	.002296	.0040780	.0003264	-.031890	-.000412	.0005363
#2	-.024803	-.001547	.0057679	.0000680	-.036959	-.001811	.0002625
#3	.029049	-.002607	.0046427	.0000768	-.041463	-.000030	.0001167

Sample Name: ICB Acquired: 5/16/2017 11:43:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	.0001862	.0024545	-.000034
Stddev	.0013396	.0005817	.000069
%RSD	719.4447	23.69976	202.6336

#1	.0011300	.0029645	-.000063
#2	-.001347	.0018209	-.000084
#3	.000776	.0025781	.000045

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1783.243	2681.709	54904.47	4380.929	3768.522
Stddev	3.663	6.832	290.67	25.412	11.842
%RSD	.2054390	.2547559	.5294191	.5800614	.3142452

#1	1786.132	2677.100	54793.15	4352.422	3759.758
#2	1779.123	2678.469	54685.91	4389.161	3763.814
#3	1784.476	2689.558	55234.36	4401.205	3781.995

Sample Name: ICSA Acquired: 5/16/2017 11:47:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	-.002135	-.009327	-.002687	-.025484	.0015057	243.9437
Stddev	.002385	.002108	.001540	.004832	.0018109	.9119
%RSD	111.7504	22.60338	57.28993	18.96167	120.2690	.3738292

#1	.000209	-.009056	-.004417	-.024756	.0020892	244.9550
#2	-.004560	-.007368	-.001467	-.021057	-.000525	243.1838
#3	-.002053	-.011559	-.002178	-.030639	.002953	243.6923

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032128	.0009145	.0030872	243.9468	.0481852	-.000614
Stddev	.0003239	.0001760	.0001656	1.0317	.0004489	.000277
%RSD	10.08028	19.24938	5.365114	.4229149	.9316868	45.14227

#1	.0030036	.0011017	.0030920	244.8141	.0478300	-.000756
#2	.0035858	.0008897	.0032504	242.8059	.0486898	-.000295
#3	.0030489	.0007522	.0029192	244.2204	.0480359	-.000792

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0190031	103.1081	.0152444	253.8221	.0013601	-.003231
Stddev	.0013647	.1489	.0009309	1.4777	.0003115	.000051
%RSD	7.181401	.1444338	6.106654	.5821838	22.90533	1.587574

#1	.0175371	103.1539	.0147543	254.1859	.0014752	-.003290
#2	.0192355	102.9417	.0146608	252.1964	.0010074	-.003192
#3	.0202367	103.2288	.0163180	255.0839	.0015977	-.003213

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5173741	.0059516	.0100588	-.213119	-.012271	F -.276963
Stddev	.0692404	.0031018	.0042772	.029192	.001617	.002499
%RSD	13.38305	52.11750	42.52227	13.69732	13.17593	.9021706

#1	.4508661	.0093227	.0089821	-.200674	-.010667	-.279479
#2	.5121995	.0032180	.0064228	-.246470	-.013900	-.274482
#3	.5890566	.0053142	.0147715	-.192212	-.012247	-.276928

Sample Name: ICSA Acquired: 5/16/2017 11:47:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	.0004986	.0293241	.0331020	-.001483	-.001511	.0054113
Stddev	.0002170	.0116730	.0008472	.000878	.000560	.0005974
%RSD	43.51965	39.80701	2.559402	59.20071	37.07731	11.03943

#1	.0003814	.0210163	.0333328	-.001389	-.001776	.0057557
#2	.0007489	.0426701	.0321633	-.002403	-.000868	.0047215
#3	.0003653	.0242858	.0338099	-.000655	-.001890	.0057568

Elem	Sr4077
Units	ppm
Avg	.1015086
Stddev	.0005013
%RSD	.4938199

#1	.1020412
#2	.1010459
#3	.1014389

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1618.170	2432.691	49550.21	4214.665	2876.283
Stddev	7.306	1.017	35.02	17.662	2.171
%RSD	.4515116	.0418259	.0706704	.4190543	.0754754

#1	1609.824	2433.122	49541.02	4203.428	2878.066
#2	1621.282	2433.422	49520.71	4235.023	2876.917
#3	1623.406	2431.529	49588.91	4205.546	2873.866

Sample Name: ICSAB Acquired: 5/16/2017 11:51:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	.1201285	.1099681	.0477869	.0316882	.5912448	247.1482
Stddev	.0060297	.0026449	.0029408	.0018236	.0028243	1.4237
%RSD	5.019377	2.405139	6.154024	5.754822	.4776916	.5760579

#1	.1224269	.1130074	.0504145	.0297841	.5902996	247.6391
#2	.1246709	.1087080	.0446103	.0334189	.5890143	248.2615
#3	.1132876	.1081889	.0483360	.0318617	.5944205	245.5440

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5109492	.5078138	.9847804	246.5151	.5640621	.4974746
Stddev	.0029929	.0027863	.0015359	.8512	.0019291	.0009964
%RSD	.5857601	.5486937	.1559631	.3452784	.3420064	.2002869

#1	.5141392	.5061369	.9830803	246.7409	.5618585	.4966017
#2	.5105056	.5110303	.9851933	247.2307	.5654460	.4972619
#3	.5082028	.5062744	.9860677	245.5739	.5648819	.4985601

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5374123	104.1222	.5398473	256.0234	.9911874	.1945410
Stddev	.0032561	.3325	.0015016	.7992	.0014603	.0002682
%RSD	.6058821	.3193357	.2781517	.3121664	.1473309	.1378753

#1	.5358036	104.3245	.5409460	256.1805	.9904241	.1946016
#2	.5352736	104.3038	.5381363	256.7324	.9902669	.1947737
#3	.5411596	103.7385	.5404595	255.1573	.9928712	.1942476

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4419939	.5299224	1.002241	-.249332	.0013564	-.002676
Stddev	.1704687	.0063290	.012504	.019871	.0033407	.001300
%RSD	38.56810	1.194324	1.247581	7.969724	246.2850	48.58834

#1	.4660216	.5250852	.999213	-.258108	.0018525	-.001631
#2	.2607862	.5370852	1.015981	-.226584	.0044214	-.004132
#3	.5991740	.5275968	.991530	-.263304	-.002205	-.002265

Sample Name: ICSAB Acquired: 5/16/2017 11:51:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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 .2487410	.1233726	.2511487	F .2429386	.2526895	.2053431
Stddev	.0002920	.0055427	.0026205	.0014124	.0015967	.0006252
%RSD	.1173915	4.492654	1.043399	.5813933	.6318743	.3044500

#1	.2489086	.1176321	.2487871	.2417997	.2544373	.2053113
#2	.2484038	.1237919	.2539678	.2445191	.2523239	.2059835
#3	.2489106	.1286937	.2506912	.2424971	.2513074	.2047344

Elem	Sr4077
Units	ppm
Avg	.2977402
Stddev	.0004411
%RSD	.1481391

#1	.2975079
#2	.2982489
#3	.2974638

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1600.729	2411.959	49273.44	4207.946	2848.877
Stddev	3.106	4.934	117.00	18.450	1.769
%RSD	.1940186	.2045712	.2374414	.4384549	.0621017

#1	1597.392	2407.058	49142.24	4211.585	2846.974
#2	1603.534	2416.925	49366.94	4187.948	2850.472
#3	1601.260	2411.894	49311.13	4224.305	2849.184

Sample Name: CCV015 Acquired: 5/16/2017 11:55:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	4.919050	4.749758	24.13827	4.802758	4.872579	407.6514
Stddev	.001756	.005392	.05313	.008654	.001719	.7181
%RSD	.0357032	.1135220	.2200921	.1801834	.0352708	.1761559

#1	4.920072	4.752342	24.09413	4.793612	4.874147	406.8739
#2	4.917022	4.743561	24.12344	4.803843	4.870742	408.2899
#3	4.920056	4.753372	24.19723	4.810817	4.872847	407.7902

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.866899	.4925769	2.436414	394.1348	14.85873	2.433453
Stddev	.018789	.0013887	.002233	.6966	.01775	.003495
%RSD	.1904282	.2819290	.0916551	.1767318	.1194903	.1436068

#1	9.852191	.4927236	2.434017	393.6452	14.87881	2.435081
#2	9.888066	.4938864	2.436791	393.8270	14.85229	2.429442
#3	9.860439	.4911206	2.438435	394.9322	14.84510	2.435837

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.97188	395.2465	14.38237	393.1634	2.416244	1.240046
Stddev	.03522	1.1275	.02745	.6102	.001878	.001701
%RSD	.2352384	.2852681	.1908681	.1552065	.0777113	.1371487

#1	14.93717	395.5087	14.36695	393.4875	2.414584	1.240308
#2	15.00758	394.0110	14.36611	392.4595	2.415866	1.238230
#3	14.97088	396.2198	14.41407	393.5432	2.418282	1.241600

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	404.2174	2.436171	14.96572	153.6701	5.002519	F 4.154502
Stddev	.8362	.013378	.04192	.1266	.001620	.001280
%RSD	.2068567	.5491348	.2801161	.0823778	.0323776	.0308214

#1	403.6962	2.428974	14.92369	153.5247	5.003453	4.155383
#2	405.1819	2.427931	15.00753	153.7562	5.003455	4.155090
#3	403.7741	2.451606	14.96594	153.7292	5.000649	4.153033

Sample Name: CCV015 Acquired: 5/16/2017 11:55:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	4.815542	4.366701	4.950494	4.837914	4.935552	5.080991
Stddev	.001704	.008651	.015204	.013589	.016860	.011321
%RSD	.0353854	.1981137	.3071263	.2808901	.3416085	.2228123

#1	4.817240	4.372649	4.964140	4.829989	4.922095	5.076133
#2	4.815554	4.356776	4.934105	4.830147	4.954465	5.093931
#3	4.813832	4.370677	4.953236	4.853605	4.930097	5.072910

Elem	Sr4077
Units	ppm
Avg	5.012047
Stddev	.002738
%RSD	.0546288

#1	5.010243
#2	5.015197
#3	5.010700

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1444.535	2182.247	45944.74	4028.886	2443.658
Stddev	1.611	4.375	127.36	8.802	6.217
%RSD	.1115362	.2004640	.2772057	.2184772	.2543968

#1	1442.679	2177.786	45841.33	4024.447	2439.706
#2	1445.576	2186.530	46087.00	4039.024	2450.824
#3	1445.350	2182.424	45905.88	4023.188	2440.445

Sample Name: CCB015 Acquired: 5/16/2017 11:59:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	.0021974	.0026657	.0003553	.0017144	-.000519	.0084520	-.001755
Stddev	.0009682	.0008724	.0008602	.0023183	.001187	.0061392	.000555
%RSD	44.06183	32.72779	242.1128	135.2294	228.8528	72.63536	31.63373

#1	.0032980	.0026437	.0010578	.0041185	-.000592	.0102629	-.002167
#2	.0018174	.0035489	.0006120	.0015320	.000703	.0134820	-.001123
#3	.0014769	.0018045	-.000604	-.000507	-.001667	.0016111	-.001975

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000309	-.000029	.0197399	.0002002	-.000092	.0003086	-.001532
Stddev	.0000309	.000007	.0133563	.0004001	.000124	.0010111	.010165
%RSD	99.81661	24.11893	67.66178	199.8739	134.0745	327.5685	663.6553

#1	.0000161	-.000037	.0064874	.0005751	-.000165	.0000198	-.009925
#2	.0000664	-.000023	.0195344	.0002465	.000051	-.000526	.009770
#3	.0000103	-.000029	.0331977	-.000221	-.000163	.001433	-.004440

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008228	-.006859	-.000139	.0004376	-.135538	.0012098	-.005946
Stddev	.0008821	.017658	.000327	.0001699	.009613	.0018710	.015451
%RSD	107.2043	257.4632	235.0095	38.82690	7.092219	154.6544	259.8656

#1	.0010463	.013109	.000232	.0005774	-.133072	-.000802	-.011309
#2	.0015716	-.020420	-.000385	.0004869	-.127398	.002898	-.018000
#3	-.000150	-.013265	-.000263	.0002485	-.146143	.001533	.011472

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009341	-.000375	.0091832	.0003925	-.037469	-.001272	-.000648
Stddev	.013201	.002040	.0004486	.0001042	.013042	.000647	.001077
%RSD	141.3220	543.4902	4.884635	26.54725	34.80802	50.84632	166.1270

#1	-.024047	-.002373	.0089528	.0005115	-.030819	-.000688	-.001724
#2	-.005460	.001703	.0088967	.0003174	-.029092	-.001162	-.000649
#3	.001484	-.000456	.0097001	.0003487	-.052495	-.001967	.000429

Sample Name: CCB015 Acquired: 5/16/2017 11:59:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	.0006731	.0021506	.0000915
Stddev	.0007152	.0002927	.0000227
%RSD	106.2566	13.61169	24.80180

#1	-.000005	.0024885	.0001018
#2	.001420	.0019774	.0000655
#3	.000605	.0019858	.0001072

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1777.128	2682.352	54492.78	4314.501	3757.440
Stddev	9.039	9.954	238.98	21.670	13.983
%RSD	.5086315	.3711088	.4385444	.5022663	.3721534

#1	1766.722	2672.327	54265.35	4324.053	3743.110
#2	1781.630	2682.496	54741.83	4289.696	3758.159
#3	1783.031	2692.234	54471.15	4329.754	3771.050

Sample Name: PB98871BL Acquired: 5/16/2017 12:03:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	-.000866	.0010885	-.000322	.0008941	-.000422	.0000362	-.002505
Stddev	.001585	.0019222	.000330	.0025971	.000608	.0050577	.000677
%RSD	182.9968	176.5944	102.4018	290.4571	144.2038	13970.63	27.00741

#1	.000235	-.000758	.000036	.0010724	-.000800	.0055793	-.003285
#2	-.000150	.000945	-.000388	.0033975	-.000744	-.001143	-.002146
#3	-.002683	.003078	-.000614	-.001788	.000280	-.004328	-.002084

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000439	-.000043	.0124582	.0001290	-.000103	-.000574	.0027534
Stddev	.0000219	.000056	.0068960	.0003472	.000032	.001254	.0079892
%RSD	50.00272	130.2689	55.35328	269.1110	31.49052	218.3908	290.1575

#1	.0000685	-.000021	.0203973	.0003087	-.000114	.000095	-.005502
#2	.0000265	-.000001	.0079563	-.000271	-.000128	.000204	.010447
#3	.0000366	-.000107	.0090211	.000350	-.000066	-.002021	.003315

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008971	-.021201	-.000162	.0004626	-.093057	.0010659	-.000201
Stddev	.0002768	.004269	.000099	.0001511	.095759	.0023099	.009349
%RSD	30.85517	20.13449	61.12041	32.66304	102.9034	216.7184	4641.621

#1	.0012003	-.016690	-.000082	.0005321	-.168703	.0002945	.000326
#2	.0006579	-.025178	-.000131	.0005663	.014609	.0036628	.008872
#3	.0008330	-.021734	-.000272	.0002892	-.125078	-.000760	-.009802

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039897	-.000236	.0037121	.0001222	-.028293	-.001114	.0002670
Stddev	.0475160	.001629	.0011456	.0002551	.008553	.000530	.0003327
%RSD	1190.960	691.4754	30.86041	208.7098	30.22852	47.55413	124.6068

#1	.0562186	-.001878	.0050227	.0003766	-.030791	-.001430	.0002470
#2	-.036681	-.000209	.0029014	.0001236	-.035318	-.000502	-.000055
#3	-.007569	.001380	.0032124	-.000134	-.018769	-.001409	.000609

Sample Name: PB98871BL Acquired: 5/16/2017 12:03:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	.0003029	.0012235	-.000011
Stddev	.0006721	.0001565	.000011
%RSD	221.8462	12.78744	101.7398

#1	.0000040	.0013056	-.000007
#2	-.000168	.0013217	-.000002
#3	.001073	.0010430	-.000023

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1779.622	2678.777	54779.77	4307.501	3752.487
Stddev	9.381	10.120	142.69	5.793	13.318
%RSD	.5271367	.3777849	.2604762	.1344886	.3549165

#1	1777.267	2669.681	54786.33	4306.796	3742.613
#2	1771.643	2689.678	54633.92	4313.614	3767.634
#3	1789.956	2676.973	54919.07	4302.092	3747.213

Sample Name: PB98871BS Acquired: 5/16/2017 12:07:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	.0172450	.0537468	.0214384	.0704533	.1160276	.4075840
Stddev	.0021151	.0011742	.0014263	.0027928	.0009247	.0034502
%RSD	12.26505	2.184617	6.652986	3.963974	.7969700	.8465057

#1	.0156631	.0543967	.0218624	.0736200	.1149605	.4045938
#2	.0196474	.0544524	.0198482	.0693980	.1165296	.4113590
#3	.0164245	.0523914	.0226046	.0683420	.1165927	.4067992

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4014461	.0100889	.0094293	9.961209	.0229356	.0934448
Stddev	.0018226	.0000680	.0000509	.051342	.0004191	.0002196
%RSD	.4539963	.6739794	.5399576	.5154146	1.827279	.2350207

#1	.4003159	.0101645	.0094656	9.950440	.0230810	.0932836
#2	.4035487	.0100698	.0093711	9.916106	.0224632	.0936950
#3	.4004739	.0100326	.0094514	10.01708	.0232627	.0933559

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0520675	.2345401	.0335695	9.611747	.0764685	.0190339
Stddev	.0010561	.0120504	.0008850	.061100	.0000812	.0001983
%RSD	2.028305	5.137875	2.636359	.6356820	.1062079	1.041973

#1	.0530800	.2288545	.0333485	9.656170	.0765470	.0188279
#2	.0509727	.2263844	.0328158	9.542068	.0764736	.0190504
#3	.0521497	.2483814	.0345440	9.637003	.0763848	.0192235

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.07534	.1096209	.1088998	8.710284	F .0321670	F .0216144
Stddev	.14199	.0012723	.0101843	.042046	.0011116	.0005478
%RSD	1.409322	1.160632	9.351978	.4827192	3.455565	2.534351

#1	9.96750	.1110849	.1203764	8.758097	.0320922	.0210323
#2	10.23622	.1089946	.1009400	8.693682	.0333141	.0221197
#3	10.02231	.1087832	.1053830	8.679073	.0310947	.0216911

Sample Name: PB98871BS Acquired: 5/16/2017 12:07:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	.0225076	.4569545	.2006582	F .0186362	.2095555	.0941060
Stddev	.0003452	.0096795	.0012335	.0003825	.0014798	.0005708
%RSD	1.533535	2.118269	.6147515	2.052343	.7061719	.6065422

#1	.0223634	.4468007	.1994487	.0182320	.2087667	.0944365
#2	.0222579	.4579858	.2006116	.0189924	.2112626	.0944347
#3	.0229015	.4660772	.2019144	.0186844	.2086371	.0934470

Elem	Sr4077
Units	ppm
Avg	.2123167
Stddev	.0003628
%RSD	.1708718

#1	.2123700
#2	.2126499
#3	.2119302

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1745.430	2618.535	54541.75	4455.048	3581.704
Stddev	16.085	7.485	165.91	7.261	7.143
%RSD	.9215745	.2858452	.3041942	.1629768	.1994365

#1	1762.385	2625.250	54723.54	4455.739	3583.739
#2	1730.385	2619.891	54398.48	4461.938	3587.608
#3	1743.518	2610.465	54503.24	4447.466	3573.764

Sample Name: I3074-01 Acquired: 5/16/2017 12:11:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0J8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0608583	-.015494	9.712226	-.035268	.0033900	84.34350	5.923494
Stddev	.0002343	.000902	.028360	.000740	.0014755	.28518	.019899
%RSD	.3849282	5.822423	.2919998	2.098533	43.52483	.3381128	.3359309

#1	.0609701	-.014466	9.701060	-.035144	.0020875	84.09696	5.914594
#2	.0605891	-.015860	9.691149	-.036063	.0030901	84.65582	5.946290
#3	.0610157	-.016155	9.744469	-.034598	.0049925	84.27773	5.909599

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084549	.0470722	154.5690	.1369872	.1745081	.3205215	170.4686
Stddev	.0000559	.0002740	.8792	.0006208	.0003220	.0030764	.6786
%RSD	.6608266	.5820775	.5688337	.4531849	.1845039	.9598117	.3981012

#1	.0083905	.0470599	154.2772	.1367270	.1746178	.3185720	170.3109
#2	.0084838	.0468045	155.5571	.1376957	.1741456	.3240679	171.2122
#3	.0084905	.0473521	153.8728	.1365388	.1747609	.3189244	169.8828

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.13318	66.75920	.2339128	-.001999	1.201482	.2251102	3.038353
Stddev	.05265	.33429	.0011062	.000135	.134290	.0029830	.047902
%RSD	.3725201	.5007355	.4729218	6.770440	11.17705	1.325138	1.576589

#1	14.09996	66.48263	.2340866	-.001996	1.146736	.2261616	2.993543
#2	14.19389	67.13068	.2327299	-.001864	1.103212	.2217438	3.088842
#3	14.10571	66.66429	.2349218	-.002135	1.354497	.2274252	3.032675

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.308587	5.291875	-.450962	.0029366	12.88311	17.25346	.0114568
Stddev	.005174	.027840	.003801	.0001535	.07287	.06876	.0007746
%RSD	.0707982	.5260828	.8427956	5.228361	.5656381	.3985183	6.761422

#1	7.306656	5.296966	-.447434	.0029465	12.85298	17.17952	.0112289
#2	7.314449	5.261842	-.454987	.0030851	12.83013	17.31547	.0123198
#3	7.304656	5.316818	-.450466	.0027785	12.96621	17.26541	.0108216

Sample Name: I3074-01 Acquired: 5/16/2017 12:11:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0J8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8401056	.0539312	.1485133
Stddev	.0045977	.0008295	.0002871
%RSD	.5472768	1.538165	.1933435

#1	.8365649	.0547424	.1482467
#2	.8453018	.0539668	.1488173
#3	.8384501	.0530844	.1484758

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1909.009	2863.093	59495.74	5083.160	3014.019
Stddev	9.049	1.187	82.04	14.189	8.132
%RSD	.4739996	.0414600	.1378973	.2791413	.2698148

#1	1898.986	2861.981	59440.39	5088.715	3014.380
#2	1911.467	2862.955	59456.84	5067.033	3021.966
#3	1916.575	2864.343	59590.00	5093.731	3005.713

Sample Name: I3074-02 Acquired: 5/16/2017 12:15:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0J9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0680586	-.015397	8.749029	-.033720	.0038779	89.85676	5.585813
Stddev	.0013738	.000708	.024360	.001766	.0014401	.28863	.019191
%RSD	2.018611	4.597331	.2784301	5.236483	37.13519	.3212076	.3435694

#1	.0695509	-.015052	8.776372	-.031723	.0024794	90.16393	5.593710
#2	.0677786	-.014928	8.741073	-.034360	.0037980	89.81515	5.599796
#3	.0668464	-.016211	8.729641	-.035076	.0053562	89.59119	5.563934

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091190	.0421767	140.3066	.1199574	.1783268	.3260877	178.9752
Stddev	.0000620	.0001878	.2011	.0004673	.0002447	.0014546	.4931
%RSD	.6802743	.4452813	.1433124	.3895813	.1372414	.4460871	.2755021

#1	.0091533	.0419880	140.5331	.1194570	.1785471	.3274289	178.4863
#2	.0091564	.0421784	140.1493	.1203826	.1780634	.3262926	179.4724
#3	.0090474	.0423636	140.2374	.1200325	.1783700	.3245414	178.9670

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.53789	59.86679	.2246327	-.002516	1.255698	.2510280	2.796168
Stddev	.02429	.17029	.0004646	.000191	.101391	.0023100	.030486
%RSD	.1793878	.2844555	.2068168	7.581716	8.074500	.9202025	1.090294

#1	13.54019	59.99708	.2241648	-.002458	1.186218	.2532176	2.812867
#2	13.56093	59.92920	.2250939	-.002729	1.208832	.2512524	2.760981
#3	13.51253	59.67410	.2246393	-.002362	1.372045	.2486141	2.814658

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.408922	5.766911	-.479128	.0016732	13.28749	19.24775	.0104708
Stddev	.103873	.012532	.001104	.0001581	.01715	.09414	.0009633
%RSD	1.401996	.2173122	.2304744	9.450234	.1290648	.4890733	9.200074

#1	7.528147	5.768079	-.480148	.0018440	13.30369	19.30948	.0113780
#2	7.337969	5.778818	-.479282	.0015320	13.28927	19.29437	.0105747
#3	7.360650	5.753836	-.477956	.0016435	13.26952	19.13941	.0094597

Sample Name: I3074-02 Acquired: 5/16/2017 12:15:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0J9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8285082	.0567606	.1445465
Stddev	.0025974	.0008131	.0003853
%RSD	.3135041	1.432494	.2665698

#1	.8305693	.0570425	.1449034
#2	.8293645	.0573953	.1445982
#3	.8255907	.0558441	.1441379

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1933.356	2906.677	60415.39	5115.448	3028.773
Stddev	4.679	3.052	195.89	18.363	1.510
%RSD	.2420161	.1049938	.3242425	.3589671	.0498584

#1	1929.463	2910.190	60380.99	5096.648	3027.034
#2	1938.547	2905.160	60626.20	5116.357	3029.542
#3	1932.059	2904.681	60238.97	5133.340	3029.745

Sample Name: I3074-03 Acquired: 5/16/2017 12:19:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0J9D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0688418	-.016339	8.760142	-.035654	.0019073	89.64032	5.622934
Stddev	.0027371	.003081	.030801	.002990	.0008054	.45018	.042282
%RSD	3.975882	18.85492	.3516093	8.387086	42.22671	.5022108	.7519539

#1	.0693773	-.013763	8.777723	-.032287	.0019284	89.13077	5.576510
#2	.0658766	-.019752	8.724576	-.038001	.0027020	89.80603	5.633054
#3	.0712716	-.015501	8.778126	-.036673	.0010916	89.98416	5.659237

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091822	.0424532	140.7904	.1196791	.1792090	.3284409	178.9698
Stddev	.0000283	.0001064	.6543	.0001681	.0009953	.0012323	.8090
%RSD	.3078408	.2505454	.4647253	.1404437	.5553881	.3751927	.4520049

#1	.0091521	.0423456	140.0490	.1197378	.1787185	.3298606	178.0513
#2	.0091863	.0425583	141.2870	.1198099	.1785542	.3278142	179.2814
#3	.0092082	.0424558	141.0352	.1194895	.1803544	.3276480	179.5766

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.52182	59.90991	.2266718	-.002713	1.201528	.2449415	2.749333
Stddev	.05330	.41410	.0010994	.000358	.123793	.0035254	.024144
%RSD	.3942049	.6911994	.4850224	13.19925	10.30297	1.439263	.8781770

#1	13.46145	59.43245	.2267445	-.002933	1.199378	.2410466	2.757746
#2	13.56239	60.17092	.2255378	-.002300	1.078824	.2458639	2.768145
#3	13.54163	60.12637	.2277330	-.002906	1.326382	.2479139	2.722108

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.405421	5.763316	-.473122	.0016892	13.30691	19.20534	.0119171
Stddev	.033608	.046301	.003538	.0004110	.08272	.12588	.0017878
%RSD	.4538328	.8033699	.7477371	24.33288	.6216044	.6554580	15.00179

#1	7.366631	5.764308	-.469797	.0012276	13.31528	19.09191	.0134089
#2	7.423786	5.716528	-.472729	.0020156	13.22033	19.18334	.0099354
#3	7.425845	5.809113	-.476840	.0018244	13.38513	19.34077	.0124070

Sample Name: I3074-03 Acquired: 5/16/2017 12:19:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA0J9D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8256164	.0563958	.1443839
Stddev	.0016249	.0003486	.0008374
%RSD	.1968100	.6181946	.5800063

#1	.8237699	.0560659	.1435380
#2	.8262511	.0563610	.1444011
#3	.8268281	.0567606	.1452126

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1952.530	2920.871	60744.42	5123.600	3028.317
Stddev	3.233	15.655	273.59	20.935	15.731
%RSD	.1655568	.5359567	.4503990	.4085969	.5194790

#1	1953.222	2922.633	61051.27	5141.170	3028.682
#2	1949.008	2935.570	60656.09	5129.192	3043.862
#3	1955.361	2904.409	60525.90	5100.436	3012.406

Sample Name: I3074-04 Acquired: 5/16/2017 12:23:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0J9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1345181	.1093152	8.770515	.0400609	.0489473	98.05187	9.215882
Stddev	.0010911	.0026216	.027521	.0001299	.0023086	.63181	.067611
%RSD	.8111089	2.398204	.3137843	.3242169	4.716476	.6443647	.7336360

#1	.1349010	.1071195	8.744936	.0401907	.0515873	97.33249	9.151617
#2	.1332872	.1122178	8.766977	.0400611	.0473073	98.51672	9.286404
#3	.1353661	.1086083	8.799634	.0399309	.0479474	98.30638	9.209624

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0939522	.1380986	141.3168	.4819004	1.190847	.7799194	182.4149
Stddev	.0007840	.0004454	.7152	.0026488	.003859	.0048510	1.2860
%RSD	.8344544	.3225435	.5061165	.5496618	.3240257	.6219893	.7049858

#1	.0930559	.1380039	140.5017	.4843023	1.189699	.7748492	181.0149
#2	.0942902	.1377082	141.8394	.4790595	1.187693	.7845166	183.5437
#3	.0945106	.1385838	141.6093	.4823396	1.195150	.7803923	182.6860

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.33824	60.47200	1.238681	.0348012	1.139176	1.135686	3.572589
Stddev	.07994	.47414	.003742	.0003702	.155429	.009065	.021289
%RSD	.5575535	.7840672	.3021346	1.063889	13.64399	.7981768	.5958954

#1	14.24861	60.01361	1.235319	.0352206	1.194141	1.130589	3.590824
#2	14.40217	60.96046	1.238010	.0345195	1.259654	1.146152	3.577748
#3	14.36394	60.44193	1.242714	.0346636	.963733	1.130317	3.549195

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.838359	5.757223	-.482451	.0015002	13.43616	15.77099	.0128361
Stddev	.025562	.030562	.002238	.0004015	.07477	.11631	.0016778
%RSD	.3261149	.5308387	.4639840	26.75995	.5565091	.7374756	13.07084

#1	7.816062	5.749627	-.479910	.0012815	13.40603	15.63694	.0143595
#2	7.866257	5.731176	-.483310	.0019636	13.38116	15.83078	.0131108
#3	7.832756	5.790866	-.484133	.0012556	13.52130	15.84523	.0110379

Sample Name: I3074-04 Acquired: 5/16/2017 12:23:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0J9S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7901555	.0592812	.1473041
Stddev	.0028917	.0004508	.0009088
%RSD	.3659621	.7604625	.6169370

#1	.7868684	.0589439	.1462879
#2	.7912910	.0597932	.1480388
#3	.7923070	.0591066	.1475857

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1913.816	2881.973	60217.06	5169.076	2989.422
Stddev	9.988	4.563	318.42	32.470	3.621
%RSD	.5219070	.1583152	.5287930	.6281666	.1211200

#1	1907.019	2879.622	59854.35	5205.323	2990.892
#2	1909.145	2887.232	60450.64	5142.649	2992.076
#3	1925.284	2879.066	60346.18	5159.256	2985.297

Sample Name: I3074-02LX5 Acquired: 5/16/2017 12:27:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0J9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0183360	-.002243	1.800118	-.007515	-.000264	20.10036	1.242762
Stddev	.0031022	.001129	.001803	.000557	.000881	.05236	.003628
%RSD	16.91855	50.31488	.1001379	7.413178	334.1945	.2605172	.2919037

#1	.0166265	-.003447	1.798828	-.007531	-.000242	20.07530	1.246945
#2	.0219169	-.002072	1.799349	-.008064	.000607	20.06524	1.240479
#3	.0164646	-.001210	1.802178	-.006950	-.001155	20.16055	1.240861

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021785	.0080216	32.26634	.0284602	.0343113	.0756161	42.26430
Stddev	.0000527	.0000620	.13860	.0003299	.0002597	.0004215	.25869
%RSD	2.420446	.7732098	.4295631	1.159053	.7567436	.5574921	.6120760

#1	.0022244	.0079775	32.36388	.0281104	.0343164	.0760663	42.53540
#2	.0021903	.0079946	32.10768	.0285047	.0345683	.0755511	42.02012
#3	.0021209	.0080925	32.32746	.0287656	.0340491	.0752308	42.23740

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.194130	13.57038	.0448765	-.000461	.3068173	.0552699	.6243428
Stddev	.013086	.11979	.0002846	.000035	.0777681	.0035920	.0177296
%RSD	.4096808	.8827484	.6340649	7.511925	25.34670	6.499106	2.839726

#1	3.209216	13.70366	.0448633	-.000470	.2183873	.0512031	.6441240
#2	3.185853	13.47169	.0451674	-.000490	.3645592	.0565969	.6190202
#3	3.187321	13.53579	.0445988	-.000423	.3375054	.0580096	.6098842

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.549445	1.098591	-.112728	.0001133	2.489133	4.603632	.0014737
Stddev	.025514	.004849	.000527	.0001416	.022576	.020147	.0000584
%RSD	1.646672	.4413687	.4678732	124.9583	.9069861	.4376300	3.966485

#1	1.552570	1.093341	-.112721	.0001822	2.466112	4.622703	.0014257
#2	1.522512	1.099533	-.112205	.0002074	2.511237	4.582559	.0014567
#3	1.573252	1.102900	-.113260	-.000050	2.490049	4.605636	.0015388

Sample Name: I3074-02LX5 Acquired: 5/16/2017 12:27:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA0J9L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1898201	.0126146	.0330398
Stddev	.0004140	.0006325	.0001243
%RSD	.2180994	5.013643	.3763741

#1	.1897273	.0118874	.0331672
#2	.1902726	.0129197	.0329187
#3	.1894603	.0130367	.0330334

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1784.689	2695.163	55213.56	4519.559	3425.526
Stddev	7.455	7.058	137.38	20.944	9.505
%RSD	.4177077	.2618917	.2488128	.4634002	.2774723

#1	1776.513	2687.722	55056.95	4495.392	3414.574
#2	1786.444	2696.004	55313.70	4532.426	3430.386
#3	1791.109	2701.763	55270.04	4530.860	3431.619

Sample Name: I3074-05 Acquired: 5/16/2017 12:31:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0K0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0591681	-.012109	7.266744	-.028847	.0026878	77.77538	4.602520
Stddev	.0012613	.002267	.000626	.004142	.0018787	.01763	.020785
%RSD	2.131670	18.72003	.0086128	14.35765	69.89681	.0226648	.4515961

#1	.0578204	-.012959	7.267107	-.024479	.0007782	77.76316	4.622093
#2	.0603200	-.013829	7.266022	-.029347	.0045340	77.79559	4.580705
#3	.0593638	-.009541	7.267105	-.032717	.0027511	77.76740	4.604761

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078894	.0363321	115.4006	.1113837	.1480834	.2948918	153.5661
Stddev	.0001343	.0001613	.2687	.0007025	.0012162	.0017005	.3310
%RSD	1.702356	.4440594	.2328084	.6307120	.8213018	.5766628	.2155708

#1	.0077821	.0362851	115.1271	.1106898	.1472025	.2966809	153.1895
#2	.0080400	.0365118	115.4106	.1120946	.1494711	.2932965	153.6975
#3	.0078462	.0361996	115.6642	.1113666	.1475766	.2946978	153.8112

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.77966	48.07933	.1927285	-.002112	1.019292	.2217801	2.356052
Stddev	.02723	.03992	.0007067	.000521	.092588	.0028770	.011345
%RSD	.2311407	.0830366	.3666678	24.67301	9.083575	1.297243	.4815336

#1	11.75305	48.07092	.1922705	-.002092	1.101255	.2188872	2.343119
#2	11.80747	48.04428	.1935424	-.001601	.918862	.2218121	2.364328
#3	11.77847	48.12279	.1923728	-.002642	1.037757	.2246410	2.360709

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.342117	4.857232	-.411687	.0013032	11.32570	13.13132	.0102393
Stddev	.050761	.005100	.001927	.0004615	.03492	.04569	.0007596
%RSD	.8003868	.1049919	.4681039	35.41373	.3083082	.3479762	7.418042

#1	6.400119	4.862671	-.409624	.0008231	11.28603	13.07856	.0100565
#2	6.305800	4.852557	-.413440	.0013431	11.35176	13.15756	.0095878
#3	6.320432	4.856468	-.411997	.0017436	11.33932	13.15784	.0110735

Sample Name: I3074-05 Acquired: 5/16/2017 12:31:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0K0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7559126	.0474497	.1220678
Stddev	.0028396	.0004887	.0005050
%RSD	.3756457	1.029894	.4137244

#1	.7527649	.0480083	.1225286
#2	.7582815	.0471012	.1215279
#3	.7566912	.0472395	.1221468

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1927.536	2894.382	60026.87	5090.096	3121.037
Stddev	4.434	5.548	52.45	12.502	3.918
%RSD	.2300408	.1916651	.0873760	.2456210	.1255476

#1	1922.596	2896.285	59996.78	5103.593	3120.386
#2	1931.173	2898.728	60087.43	5087.785	3125.240
#3	1928.839	2888.134	59996.41	5078.911	3117.485

Sample Name: I3074-06 Acquired: 5/16/2017 12:35:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0K1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0685488	-.015271	8.772926	-.039375	.0029273	91.51867	5.751973
Stddev	.0071103	.000857	.078371	.001711	.0009463	.99380	.067221
%RSD	10.37261	5.612299	.8933226	4.346572	32.32676	1.085898	1.168652

#1	.0767101	-.016261	8.860656	-.037544	.0020339	92.61313	5.821804
#2	.0652429	-.014764	8.709836	-.040935	.0028292	91.27021	5.746407
#3	.0636933	-.014789	8.748287	-.039644	.0039188	90.67268	5.687709

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090421	.0434066	145.0117	.1230660	.1773278	.3121547	176.1190
Stddev	.0001291	.0003497	1.3599	.0020616	.0016116	.0059599	1.3735
%RSD	1.427663	.8056456	.9377532	1.675192	.9088207	1.909292	.7798966

#1	.0088951	.0437966	146.2991	.1214977	.1791726	.3186217	177.3879
#2	.0091372	.0433022	145.1466	.1222992	.1761942	.3068830	176.3086
#3	.0090939	.0431210	143.5895	.1254011	.1766166	.3109593	174.6605

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.78399	65.24254	.2284813	-.002809	1.255301	.2413399	2.743847
Stddev	.12241	.65174	.0020369	.000281	.024911	.0100912	.060576
%RSD	.8880686	.9989552	.8914927	10.00367	1.984498	4.181310	2.207715

#1	13.90520	65.98051	.2308287	-.002485	1.276940	.2340980	2.681027
#2	13.78634	65.00130	.2274350	-.002978	1.228068	.2528664	2.748616
#3	13.66042	64.74581	.2271802	-.002964	1.260893	.2370552	2.801897

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.864156	5.587541	-.480821	.0016673	13.03463	7.009910	.0110046
Stddev	.100548	.055363	.002418	.0002576	.09989	.033772	.0008547
%RSD	1.278558	.9908310	.5029578	15.45151	.7663230	.4817700	7.767046

#1	7.949747	5.649885	-.482753	.0015868	13.14252	7.044279	.0119362
#2	7.889298	5.544122	-.481602	.0019556	12.94537	7.008682	.0108209
#3	7.753423	5.568615	-.478109	.0014596	13.01601	6.976769	.0102566

Sample Name: I3074-06 Acquired: 5/16/2017 12:35:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA0K1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7259462	.0582637	.1467213
Stddev	.0067141	.0003859	.0017376
%RSD	.9248729	.6623709	1.184253

#1	.7335823	.0587041	.1486277
#2	.7232887	.0581026	.1463096
#3	.7209677	.0579845	.1452265

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1940.178	2903.048	60444.37	5110.793	3016.448
Stddev	34.794	22.684	707.23	34.088	28.476
%RSD	1.793360	.7814004	1.170056	.6669757	.9440230

#1	1978.456	2878.349	61145.12	5074.265	2983.633
#2	1931.609	2907.846	60457.17	5116.360	3031.051
#3	1910.468	2922.950	59730.83	5141.755	3034.659

Sample Name: I3074-07 Acquired: 5/16/2017 12:39:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0K2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0664529	-.013914	8.490233	-.034903	.0039347	88.51816	5.600943
Stddev	.0022823	.003128	.008998	.002929	.0018450	.15776	.007696
%RSD	3.434391	22.48371	.1059851	8.390577	46.88961	.1782278	.1374037

#1	.0672898	-.010917	8.480672	-.031769	.0056167	88.53010	5.596237
#2	.0681985	-.013665	8.491490	-.035371	.0019614	88.35477	5.596768
#3	.0638703	-.017159	8.498537	-.037570	.0042259	88.66962	5.609824

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088201	.0418681	142.3614	.1200960	.1705868	.3064450	172.4626
Stddev	.0001357	.0001348	.0800	.0007879	.0006375	.0022146	.0785
%RSD	1.538597	.3219497	.0561706	.6560624	.3737348	.7226884	.0455376

#1	.0089305	.0419648	142.2731	.1193624	.1706651	.3070706	172.3764
#2	.0086686	.0419254	142.4288	.1209288	.1699137	.3082795	172.4813
#3	.0088613	.0417141	142.3824	.1199966	.1711816	.3039848	172.5301

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.58126	63.88797	.2190194	-.002653	1.152199	.2394840	2.661874
Stddev	.02088	.11630	.0003313	.000236	.064218	.0052972	.010512
%RSD	.1537488	.1820316	.1512696	8.910641	5.573499	2.211912	.3948962

#1	13.56160	63.93143	.2189506	-.002380	1.223583	.2361154	2.666523
#2	13.57901	63.75620	.2193797	-.002791	1.099123	.2367469	2.649840
#3	13.60318	63.97627	.2187279	-.002788	1.133890	.2455898	2.669260

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.723737	5.390890	-.471462	.0016509	12.56852	7.375838	.0113552
Stddev	.010735	.027627	.003443	.0003104	.02242	.028439	.0017781
%RSD	.1389921	.5124829	.7302171	18.80238	.1783757	.3855717	15.65880

#1	7.711664	5.359795	-.475336	.0012926	12.55960	7.408382	.0134071
#2	7.727337	5.400267	-.470296	.0018221	12.55193	7.363370	.0102669
#3	7.732209	5.412609	-.468754	.0018380	12.59402	7.355763	.0103917

Sample Name: I3074-07 Acquired: 5/16/2017 12:39:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0K2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7189769	.0564928	.1438194
Stddev	.0030774	.0001309	.0002770
%RSD	.4280173	.2317309	.1925770

#1	.7178026	.0566260	.1437068
#2	.7166596	.0563644	.1436165
#3	.7224685	.0564879	.1441350

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1924.904	2898.294	60131.64	5071.592	3037.903
Stddev	9.292	5.713	48.35	14.753	4.995
%RSD	.4827325	.1971074	.0804007	.2908853	.1644084

#1	1914.487	2898.585	60081.22	5055.791	3038.473
#2	1932.339	2903.856	60177.60	5085.004	3042.588
#3	1927.885	2892.441	60136.11	5073.981	3032.648

Sample Name: I3074-08 Acquired: 5/16/2017 12:43:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0K3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0597569	-.011113	9.228851	-.033801	.0019119	79.99509	4.806800
Stddev	.0047932	.000595	.044022	.003956	.0003902	.29155	.014072
%RSD	8.021203	5.355251	.4770065	11.70464	20.40628	.3644557	.2927597

#1	.0550568	-.011307	9.237534	-.037712	.0022667	80.33009	4.821507
#2	.0646381	-.010444	9.181135	-.029800	.0014941	79.85644	4.805432
#3	.0595756	-.011586	9.267886	-.033892	.0019750	79.79874	4.793462

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084860	.0453424	143.8132	.1137113	.1641005	.3311715	159.2140
Stddev	.0000427	.0002669	.6381	.0018894	.0009027	.0033613	.8320
%RSD	.5033677	.5886994	.4436734	1.661541	.5500749	1.014984	.5225852

#1	.0085353	.0454140	144.4831	.1135943	.1636463	.3348524	160.0137
#2	.0084608	.0450470	143.7439	.1118832	.1635151	.3303976	159.2752
#3	.0084618	.0455663	143.2126	.1156565	.1651400	.3282647	158.3530

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.691278	54.96057	.2167048	-.001940	1.146577	.2452266	2.826561
Stddev	.025565	.25394	.0012282	.000463	.088530	.0044739	.032920
%RSD	.2941419	.4620324	.5667810	23.86378	7.721207	1.824403	1.164660

#1	8.714733	55.25162	.2153114	-.002351	1.162167	.2482271	2.823735
#2	8.695074	54.78424	.2176305	-.001438	1.226276	.2473684	2.860802
#3	8.664028	54.84584	.2171724	-.002031	1.051288	.2400844	2.795145

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.671173	5.902627	-.425815	.0012292	33.29839	19.97208	.0096615
Stddev	.030535	.017090	.001117	.0002523	.13497	.14589	.0017661
%RSD	.4577161	.2895381	.2623710	20.52393	.4053260	.7304879	18.27934

#1	6.703780	5.890209	-.426680	.0009401	33.26277	20.12906	.0098879
#2	6.664488	5.895554	-.426212	.0013429	33.18480	19.94653	.0077932
#3	6.643252	5.922118	-.424554	.0014045	33.44759	19.84065	.0113035

Sample Name: I3074-08 Acquired: 5/16/2017 12:43:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0K3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8665942	.0492352	.1333256
Stddev	.0024270	.0004818	.0002155
%RSD	.2800598	.9785815	.1616132

#1	.8663150	.0491763	.1335323
#2	.8691488	.0487856	.1333422
#3	.8643190	.0497438	.1331023

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1882.062	2826.342	59636.53	5033.721	3019.280
Stddev	4.953	6.820	213.14	30.697	8.211
%RSD	.2631880	.2413122	.3573954	.6098268	.2719601

#1	1887.667	2824.468	59644.92	4999.855	3020.615
#2	1878.273	2833.903	59845.34	5041.592	3026.743
#3	1880.246	2820.654	59419.31	5059.716	3010.484

Sample Name: I3074-09 Acquired: 5/16/2017 12:47:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0K4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0570240	-.011065	7.950942	-.024300	.0016727	63.51583	3.914741
Stddev	.0024775	.001302	.027036	.002791	.0017928	.18951	.016997
%RSD	4.344582	11.76632	.3400301	11.48650	107.1796	.2983647	.4341809

#1	.0561864	-.009697	7.923297	-.021422	.0032834	63.65344	3.933338
#2	.0550739	-.012289	7.977324	-.024482	.0019937	63.29967	3.900010
#3	.0598116	-.011208	7.952205	-.026996	-.000259	63.59437	3.910875

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075537	.0378865	123.1731	.1086675	.1393944	.2814194	140.2581
Stddev	.0001193	.0003120	.1285	.0007402	.0000773	.0025284	.1807
%RSD	1.579521	.8235831	.1043355	.6811876	.0554443	.8984575	.1288398

#1	.0076885	.0375406	123.2736	.1093680	.1394681	.2826398	140.2603
#2	.0074617	.0379724	123.0283	.1078931	.1394011	.2785123	140.4378
#3	.0075108	.0381466	123.2173	.1087413	.1393140	.2831062	140.0764

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.723566	44.03468	.1826674	-.001915	.8751564	.2203911	2.325611
Stddev	.007704	.11315	.0005234	.000336	.1093012	.0034533	.025962
%RSD	.0997402	.2569561	.2865051	17.55367	12.48933	1.566893	1.116360

#1	7.722542	44.00135	.1820824	-.001557	.7640426	.2169997	2.342758
#2	7.731730	44.16074	.1830912	-.001965	.8788767	.2239032	2.338334
#3	7.716426	43.94193	.1828287	-.002224	.9825500	.2202705	2.295742

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.098019	5.036457	-.372512	.0007725	25.36404	15.61894	.0079259
Stddev	.024539	.027154	.001438	.0005966	.10333	.04163	.0019498
%RSD	.4813507	.5391436	.3860406	77.23464	.4074039	.2665098	24.60026

#1	5.076103	5.010048	-.371393	.0007030	25.25276	15.61442	.0099649
#2	5.124531	5.064299	-.372008	.0002137	25.45697	15.57976	.0077334
#3	5.093422	5.035025	-.374134	.0014008	25.38240	15.66264	.0060796

Sample Name: I3074-09 Acquired: 5/16/2017 12:47:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0K4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7446852	.0387533	.1134359
Stddev	.0044535	.0007089	.0003189
%RSD	.5980405	1.829353	.2811518

#1	.7467791	.0392327	.1136914
#2	.7395706	.0379390	.1130784
#3	.7477059	.0390883	.1135377

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1889.257	2838.149	59037.85	4982.247	3105.585
Stddev	19.713	2.977	211.19	10.404	9.353
%RSD	1.043441	.1049087	.3577144	.2088147	.3011814

#1	1884.765	2835.275	58803.33	4974.325	3116.357
#2	1872.177	2841.220	59097.22	4978.386	3099.518
#3	1910.829	2837.951	59213.00	4994.029	3100.881

Sample Name: I3074-10 Acquired: 5/16/2017 12:51:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0K5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0567325	-.014772	9.788943	-.032668	.0025129	83.10484	5.112610
Stddev	.0008144	.001628	.017343	.001703	.0008530	.12143	.018783
%RSD	1.435560	11.02017	.1771651	5.211961	33.94354	.1461196	.3673911

#1	.0574494	-.015951	9.769187	-.033564	.0030126	82.96481	5.104197
#2	.0569011	-.015451	9.795982	-.033735	.0029982	83.18116	5.099504
#3	.0558469	-.012915	9.801659	-.030704	.0015280	83.16856	5.134129

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086409	.0448036	163.1010	.1179884	.1553154	.3342429	162.4860
Stddev	.0001149	.0000694	.5437	.0005013	.0008203	.0022146	.3041
%RSD	1.329567	.1548340	.3333493	.4248970	.5281644	.6625843	.1871854

#1	.0085101	.0448543	162.4971	.1179136	.1553404	.3332505	162.1407
#2	.0087255	.0447246	163.2544	.1175287	.1544829	.3367801	162.6030
#3	.0086870	.0448320	163.5515	.1185229	.1561230	.3326980	162.7142

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.361618	70.05655	.2153151	-.002027	1.071047	.2204543	2.799872
Stddev	.011299	.06288	.0015212	.000130	.141825	.0026617	.026381
%RSD	.1206900	.0897548	.7064744	6.391890	13.24176	1.207379	.9422389

#1	9.351096	69.99112	.2143965	-.001890	1.060105	.2206554	2.770083
#2	9.373559	70.06199	.2144779	-.002044	1.218026	.2176977	2.809248
#3	9.360201	70.11653	.2170710	-.002148	.935009	.2230097	2.820284

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.223141	5.820898	-.454440	.0012266	29.87553	4.916612	.0091682
Stddev	.028471	.018440	.004698	.0001800	.07740	.037075	.0004109
%RSD	.3941615	.3167939	1.033857	14.67303	.2590874	.7540721	4.481503

#1	7.222346	5.829886	-.455955	.0013876	29.89216	4.916449	.0091840
#2	7.252001	5.799687	-.458194	.0010323	29.79117	4.953767	.0095710
#3	7.195076	5.833121	-.449171	.0012599	29.94327	4.879618	.0087497

Sample Name: I3074-10 Acquired: 5/16/2017 12:51:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0K5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6390981	.0535771	.1392261
Stddev	.0025167	.0005691	.0002496
%RSD	.3937881	1.062258	.1792678

#1	.6413784	.0541568	.1389596
#2	.6395180	.0535554	.1394543
#3	.6363978	.0530192	.1392644

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1871.909	2827.737	58705.13	5012.252	2967.245
Stddev	4.788	13.216	26.93	33.983	7.786
%RSD	.2557673	.4673727	.0458747	.6779988	.2623972

#1	1867.145	2821.646	58735.96	5032.547	2964.692
#2	1871.861	2842.900	58686.21	4973.020	2975.987
#3	1876.721	2818.665	58693.22	5031.190	2961.056

Sample Name: I3074-11 Acquired: 5/16/2017 12:55:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0K6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0518880	-.006604	2.058886	-.026928	.0028738	10.28076	.4556952
Stddev	.0026368	.001154	.012079	.000346	.0008150	.04025	.0015435
%RSD	5.081616	17.47243	.5866824	1.285036	28.35831	.3915546	.3387058

#1	.0519073	-.005333	2.045892	-.026670	.0021576	10.31985	.4572044
#2	.0492416	-.006890	2.060992	-.026793	.0037605	10.23944	.4557617
#3	.0545150	-.007587	2.069774	-.027321	.0027031	10.28298	.4541196

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045653	.0093921	8.191759	.1612433	.0746521	.0637744	142.1538
Stddev	.0000743	.0001749	.011536	.0006437	.0001463	.0008186	.3202
%RSD	1.628069	1.861890	.1408193	.3992241	.1959685	1.283579	.2252271

#1	.0046500	.0091919	8.178508	.1618941	.0747149	.0646020	141.7875
#2	.0045349	.0095154	8.197202	.1606069	.0744849	.0629652	142.3801
#3	.0045110	.0094688	8.199566	.1612289	.0747565	.0637559	142.2939

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.988058	2.489479	.0776063	-.003557	.8177719	.2734597	1.042403
Stddev	.005629	.042726	.0006017	.000050	.1331049	.0016803	.007602
%RSD	.1883820	1.716265	.7752876	1.392883	16.27653	.6144703	.7292770

#1	2.989342	2.538398	.0770674	-.003544	.9652181	.2733730	1.044080
#2	2.981898	2.470558	.0782555	-.003612	.7816201	.2718244	1.049027
#3	2.992935	2.459480	.0774962	-.003515	.7064774	.2751817	1.034103

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.208558	2.389958	-.395063	.0006378	1.202040	3.920889	.0060018
Stddev	.042416	.008835	.003488	.0000715	.001906	.020256	.0009179
%RSD	20.33785	.3696589	.8828646	11.20382	.1585454	.5166289	15.29335

#1	-.166167	2.382643	-.392439	.0006559	1.200898	3.928858	.0050260
#2	-.208507	2.387458	-.393730	.0006985	1.204240	3.897861	.0061315
#3	-.250999	2.399774	-.399021	.0005590	1.200981	3.935950	.0068480

Sample Name: I3074-11 Acquired: 5/16/2017 12:55:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0K6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4740660	.0011340	.0097970
Stddev	.0038025	.0002496	.0001032
%RSD	.8021079	22.01140	1.052931

#1	.4754285	.0012195	.0099078
#2	.4697699	.0013297	.0097796
#3	.4769995	.0008529	.0097037

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1820.505	2729.424	56895.86	4613.948	3500.426
Stddev	7.976	1.130	78.96	16.796	3.146
%RSD	.4381408	.0413976	.1387716	.3640247	.0898687

#1	1820.012	2729.566	56825.17	4609.006	3502.953
#2	1828.717	2730.476	56981.07	4632.661	3501.421
#3	1812.787	2728.230	56881.36	4600.178	3496.903

Sample Name: I3074-12 Acquired: 5/16/2017 12:59:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0K7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0436704	-.006435	5.058711	-.023971	.0024856	40.31992	2.386642
Stddev	.0012616	.000493	.008726	.004163	.0000573	.03816	.005105
%RSD	2.888792	7.656969	.1724980	17.36882	2.304679	.0946399	.2138979

#1	.0427375	-.005930	5.051288	-.026533	.0024321	40.30860	2.392511
#2	.0451058	-.006461	5.056521	-.019167	.0025460	40.36246	2.384188
#3	.0431679	-.006915	5.068323	-.026212	.0024787	40.28871	2.383228

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050277	.0177308	56.43786	.1002761	.0855202	.1633594	108.4174
Stddev	.0000433	.0000909	.21102	.0008893	.0004339	.0012864	.1593
%RSD	.8620054	.5127702	.3738996	.8868826	.5073193	.7874841	.1469623

#1	.0050733	.0176328	56.19893	.1002343	.0850428	.1622452	108.2674
#2	.0050227	.0177473	56.51588	.1011857	.0856271	.1630658	108.5847
#3	.0049870	.0178124	56.59875	.0994085	.0858906	.1647673	108.4000

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.756147	23.94355	.1103022	-.001595	.6369911	.1774816	1.268251
Stddev	.014582	.03617	.0003960	.000505	.0433543	.0009037	.003093
%RSD	.2533375	.1510716	.3589874	31.66314	6.806110	.5091870	.2439047

#1	5.739538	23.90180	.1098510	-.002174	.6609949	.1771863	1.268478
#2	5.762051	23.96373	.1104638	-.001247	.5869437	.1784960	1.265051
#3	5.766851	23.96514	.1105919	-.001363	.6630348	.1767624	1.271225

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.679802	2.282786	-.290986	.0010168	4.140351	14.27860	.0058179
Stddev	.038789	.010105	.001633	.0000587	.018351	.00538	.0012916
%RSD	1.447472	.4426823	.5612803	5.769671	.4432259	.0376446	22.20118

#1	2.703562	2.288013	-.289796	.0009585	4.125727	14.27352	.0048447
#2	2.635040	2.289208	-.292848	.0010759	4.160943	14.28423	.0053257
#3	2.700804	2.271138	-.290314	.0010160	4.134383	14.27804	.0072833

Sample Name: I3074-12 Acquired: 5/16/2017 12:59:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0K7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6345075	.0221645	.0570584
Stddev	.0032447	.0004906	.0001585
%RSD	.5113813	2.213558	.2778404

#1	.6316010	.0224563	.0572413
#2	.6380083	.0215981	.0569610
#3	.6339131	.0224392	.0569728

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1851.094	2778.526	57747.88	4776.206	3313.731
Stddev	8.827	9.029	91.01	3.179	4.068
%RSD	.4768332	.3249557	.1575967	.0665496	.1227682

#1	1841.554	2784.482	57846.20	4776.027	3315.745
#2	1858.970	2768.138	57666.58	4773.120	3309.049
#3	1852.758	2782.959	57730.85	4779.470	3316.400

Sample Name: I3074-13 Acquired: 5/16/2017 13:03:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0K8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0361616	-.006064	4.607767	-.016764	.0010031	35.07630	2.027308
Stddev	.0020030	.001560	.007728	.000932	.0006521	.06591	.005625
%RSD	5.539010	25.71738	.1677184	5.557990	65.00219	.1879156	.2774447

#1	.0358026	-.006707	4.616681	-.017838	.0014654	35.04690	2.022021
#2	.0343624	-.007199	4.603657	-.016276	.0012867	35.03019	2.026686
#3	.0383199	-.004286	4.602962	-.016177	.0002573	35.15179	2.033218

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041465	.0154479	48.99298	.0764071	.0750220	.1467158	86.66579
Stddev	.0001348	.0000512	.07512	.0008790	.0003469	.0018963	.12005
%RSD	3.249908	.3313165	.1533195	1.150456	.4624224	1.292510	.1385209

#1	.0042992	.0154430	48.91202	.0759728	.0752062	.1485740	86.77504
#2	.0040962	.0155013	49.00649	.0774187	.0746219	.1447835	86.53727
#3	.0040441	.0153993	49.06042	.0758297	.0752380	.1467898	86.68505

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.255469	20.18558	.0971478	-.000798	.2804508	.1319832	1.052103
Stddev	.005995	.15101	.0008328	.000427	.1172632	.0028370	.016689
%RSD	.1140691	.7480950	.8572798	53.53325	41.81241	2.149531	1.586246

#1	5.253733	20.07480	.0980703	-.000650	.4136355	.1293935	1.033964
#2	5.250534	20.12436	.0964512	-.001280	.2350017	.1350155	1.066807
#3	5.262141	20.35759	.0969219	-.000465	.1927151	.1315406	1.055539

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.299779	1.890651	-.233741	.0007575	3.721774	14.67995	.0075401
Stddev	.019461	.007988	.000421	.0001058	.030935	.04751	.0005249
%RSD	.8462192	.4225185	.1800200	13.96027	.8311835	.3236543	6.961122

#1	2.316101	1.899630	-.234227	.0006905	3.748534	14.70418	.0073694
#2	2.278241	1.884331	-.233490	.0008794	3.728885	14.71046	.0081290
#3	2.304995	1.887992	-.233506	.0007026	3.687903	14.62521	.0071218

Sample Name: I3074-13 Acquired: 5/16/2017 13:03:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0K8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5896892	.0193558	.0515140
Stddev	.0014380	.0004464	.0001531
%RSD	.2438576	2.306481	.2972068

#1	.5880287	.0189129	.0514790
#2	.5905298	.0193489	.0513814
#3	.5905090	.0198057	.0516816

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1807.113	2736.025	56985.86	4735.942	3337.317
Stddev	12.755	10.901	187.46	8.136	9.543
%RSD	.7058032	.3984407	.3289551	.1718020	.2859630

#1	1813.036	2726.157	57116.27	4731.012	3326.431
#2	1815.829	2734.192	57070.27	4745.334	3344.246
#3	1792.474	2747.727	56771.04	4731.481	3341.273

Sample Name: I3074-14 Acquired: 5/16/2017 13:08:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0K9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0628248	-.014830	10.71484	-.033816	.0021631	79.69572	5.825031
Stddev	.0019065	.001030	.02050	.003001	.0010827	.15301	.001632
%RSD	3.034593	6.948658	.1913310	8.874696	50.05397	.1919881	.0280254

#1	.0648314	-.015723	10.72070	-.034855	.0029041	79.55618	5.823945
#2	.0610374	-.013702	10.69205	-.030433	.0026647	79.85934	5.824238
#3	.0626055	-.015066	10.73178	-.036160	.0009206	79.67163	5.826908

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085118	.0373701	138.0148	.1256023	.1805383	.3095663	166.7178
Stddev	.0000623	.0001223	.2076	.0003169	.0006256	.0031868	.4115
%RSD	.7314094	.3272262	.1504169	.2522778	.3465160	1.029438	.2468143

#1	.0085147	.0375100	137.8848	.1253630	.1799818	.3087984	166.2445
#2	.0085725	.0372838	138.2542	.1259617	.1804176	.3130669	166.9189
#3	.0084481	.0373164	137.9053	.1254823	.1812154	.3068336	166.9901

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.67273	63.23389	.2296035	-.002859	1.193418	.2299648	2.213052
Stddev	.02666	.15583	.0003939	.000118	.045864	.0027057	.037047
%RSD	.2103664	.2464394	.1715393	4.121134	3.843084	1.176567	1.674010

#1	12.66120	63.09322	.2293791	-.002903	1.140657	.2304827	2.253478
#2	12.70321	63.40140	.2293731	-.002725	1.223764	.2270376	2.180724
#3	12.65377	63.20706	.2300583	-.002949	1.215832	.2323742	2.204953

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.601721	4.212992	-.452424	.0012057	10.01367	18.85905	.0116742
Stddev	.034267	.011368	.002126	.0001737	.01006	.08686	.0008925
%RSD	.5190628	.2698335	.4699756	14.40575	.1004209	.4605614	7.645167

#1	6.597025	4.220760	-.450003	.0013850	10.02040	18.77275	.0111188
#2	6.638094	4.199944	-.453989	.0010382	10.00211	18.94645	.0112001
#3	6.570044	4.218272	-.453280	.0011940	10.01850	18.85794	.0127037

Sample Name: I3074-14 Acquired: 5/16/2017 13:08:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0K9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8217422	.0518643	.1318900
Stddev	.0035989	.0004208	.0003871
%RSD	.4379595	.8112683	.2935151

#1	.8214837	.0514580	.1315174
#2	.8254633	.0522981	.1322902
#3	.8182795	.0518367	.1318623

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1888.576	2841.151	59377.59	4995.835	2995.471
Stddev	9.748	1.943	97.66	20.280	2.253
%RSD	.5161551	.0683831	.1644672	.4059315	.0752233

#1	1883.112	2843.218	59310.95	5009.891	2994.213
#2	1882.786	2839.362	59332.13	4972.587	2998.073
#3	1899.831	2840.873	59489.69	5005.027	2994.128

Sample Name: I3074-15 Acquired: 5/16/2017 13:12:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0L0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0260812	-.002277	2.265823	-.010354	.0007504	19.82254	1.015190
Stddev	.0026549	.001982	.007257	.001590	.0000926	.01240	.000194
%RSD	10.17938	87.04020	.3202951	15.35228	12.34454	.0625410	.0191573

#1	.0286979	-.002393	2.260829	-.008543	.0006605	19.83111	1.015043
#2	.0261560	-.004199	2.262492	-.011517	.0007451	19.82817	1.015411
#3	.0233897	-.000240	2.274148	-.011002	.0008455	19.80832	1.015117

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026850	.0075842	25.87210	.0704821	.0417897	.0729929	60.92370
Stddev	.0000709	.0001090	.09764	.0010894	.0002450	.0006420	.16888
%RSD	2.642225	1.436971	.3773783	1.545583	.5862979	.8795786	.2771918

#1	.0026185	.0074802	25.87070	.0710027	.0418831	.0728227	61.09738
#2	.0026768	.0076976	25.77516	.0692301	.0415118	.0737029	60.91365
#3	.0027597	.0075750	25.97042	.0712134	.0419744	.0724531	60.76008

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.090924	10.72149	.0545160	-.000935	.2994539	.1033714	.6090729
Stddev	.002586	.02380	.0006100	.000505	.0477735	.0033722	.0080891
%RSD	.0836537	.2220199	1.118872	54.04057	15.95354	3.262174	1.328091

#1	3.089922	10.72676	.0548594	-.001517	.2730990	.1003179	.6145807
#2	3.088990	10.74221	.0538118	-.000683	.2706626	.1028056	.5997860
#3	3.093861	10.69549	.0548768	-.000605	.3546000	.1069906	.6128522

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9493159	1.333670	-.168569	.0005334	1.520541	9.378569	.0048338
Stddev	.0152506	.000270	.000091	.0000096	.005680	.036981	.0005726
%RSD	1.606485	.0202085	.0538640	1.794777	.3735275	.3943096	11.84513

#1	.9453249	1.333370	-.168643	.0005227	1.518483	9.411546	.0050083
#2	.9661652	1.333751	-.168467	.0005365	1.526963	9.338587	.0052988
#3	.9364577	1.333890	-.168596	.0005411	1.516178	9.385574	.0041943

Sample Name: I3074-15 Acquired: 5/16/2017 13:12:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0L0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4629581	.0094929	.0282082
Stddev	.0023419	.0004660	.0000743
%RSD	.5058552	4.908763	.2634406

#1	.4620279	.0099448	.0282939
#2	.4612243	.0095198	.0281625
#3	.4656222	.0090140	.0281682

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1799.418	2692.883	56403.21	4569.619	3465.403
Stddev	28.172	10.472	596.53	15.979	15.857
%RSD	1.565622	.3888784	1.057616	.3496815	.4575881

#1	1786.542	2693.414	56279.53	4552.395	3468.434
#2	1831.728	2703.080	57051.88	4583.961	3479.526
#3	1779.986	2682.156	55878.21	4572.501	3448.249

Sample Name: I3074-16 Acquired: 5/16/2017 13:16:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0L1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0345579	-.005984	3.342767	-.014346	.0010215	31.32823	1.965566
Stddev	.0032195	.001151	.026972	.000989	.0005884	.16689	.010886
%RSD	9.316244	19.24049	.8068776	6.897298	57.60450	.5327016	.5538242

#1	.0331772	-.006713	3.313416	-.013917	.0011341	31.18771	1.966650
#2	.0382374	-.006583	3.348420	-.013644	.0003849	31.28428	1.954180
#3	.0322590	-.004657	3.366464	-.015478	.0015454	31.51269	1.975870

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038072	.0121296	61.81297	.0663331	.0643465	.1201041	76.80253
Stddev	.0000482	.0002295	.51293	.0005930	.0007656	.0017737	.24217
%RSD	1.264872	1.892392	.8298137	.8939801	1.189857	1.476832	.3153100

#1	.0038627	.0120118	61.37045	.0657931	.0636238	.1180843	76.65774
#2	.0037778	.0119829	61.69330	.0669678	.0642670	.1208198	76.66775
#3	.0037809	.0123941	62.37516	.0662385	.0651488	.1214081	77.08210

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.285187	24.14289	.0843842	-.000713	.2979249	.1140300	.8290648
Stddev	.020596	.12015	.0005420	.000062	.0810273	.0033629	.0119556
%RSD	.3897018	.4976596	.6422971	8.749097	27.19722	2.949106	1.442057

#1	5.265469	24.10348	.0838134	-.000648	.3826381	.1137511	.8423880
#2	5.283531	24.04739	.0844473	-.000719	.2899656	.1108152	.8255345
#3	5.306562	24.27779	.0848919	-.000772	.2211709	.1175236	.8192719

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.032647	2.055785	-.209602	.0008157	3.349821	13.29206	.0056752
Stddev	.076920	.014296	.003819	.0001680	.044059	.12958	.0007489
%RSD	3.784242	.6953910	1.821871	20.59993	1.315257	.9748315	13.19642

#1	1.985375	2.039514	-.205557	.0010098	3.312228	13.14615	.0057550
#2	1.991163	2.061508	-.213145	.0007195	3.338931	13.33631	.0063810
#3	2.121404	2.066333	-.210103	.0007180	3.398303	13.39371	.0048896

Sample Name: I3074-16 Acquired: 5/16/2017 13:16:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0L1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5417533	.0177132	.0591760
Stddev	.0023179	.0005676	.0002937
%RSD	.4278523	3.204311	.4963784

#1	.5392564	.0172639	.0589370
#2	.5421670	.0183511	.0590871
#3	.5438365	.0175247	.0595039

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1811.402	2734.145	56518.22	4703.590	3346.690
Stddev	19.551	16.106	525.59	32.148	20.990
%RSD	1.079312	.5890703	.9299515	.6834721	.6271941

#1	1833.816	2750.433	57100.54	4740.132	3369.518
#2	1802.525	2733.776	56375.15	4690.973	3342.329
#3	1797.864	2718.228	56078.98	4679.665	3328.222

Sample Name: I3074-17 Acquired: 5/16/2017 13:20:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0L2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0357866	-.005182	3.478025	-.016339	.0010220	31.58338	1.859557
Stddev	.0036154	.000225	.004373	.000820	.0007162	.03857	.003499
%RSD	10.10269	4.334403	.1257215	5.016905	70.08447	.1221246	.1881524

#1	.0320674	-.005260	3.474046	-.016929	.0004895	31.59018	1.858710
#2	.0392884	-.004928	3.482706	-.015403	.0007401	31.61809	1.863401
#3	.0360040	-.005357	3.477322	-.016686	.0018362	31.54185	1.856559

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037541	.0125797	60.50354	.0691236	.0678912	.1334859	80.30747
Stddev	.0000881	.0000437	.40469	.0004333	.0002029	.0030027	.56644
%RSD	2.347468	.3476439	.6688728	.6268071	.2988164	2.249469	.7053337

#1	.0036574	.0125305	60.08613	.0695240	.0680439	.1300229	79.69744
#2	.0038300	.0126140	60.89418	.0686636	.0676610	.1353665	80.81680
#3	.0037748	.0125946	60.53031	.0691832	.0679686	.1350684	80.40819

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.515907	23.86334	.0876283	-.000890	.4590085	.1218158	.8584593
Stddev	.033652	.10551	.0002617	.000311	.2546432	.0039105	.0203509
%RSD	.6100908	.4421307	.2986988	34.92623	55.47680	3.210139	2.370636

#1	5.481147	23.75419	.0874170	-.001233	.7484459	.1177545	.8793269
#2	5.548329	23.96479	.0879211	-.000627	.3591524	.1221372	.8573834
#3	5.518245	23.87105	.0875467	-.000809	.2694272	.1255556	.8386677

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.087815	2.108057	-.216783	.0008845	3.285546	13.83396	.0061072
Stddev	.029609	.013004	.001935	.0000659	.015077	.07688	.0005213
%RSD	1.418188	.6168579	.8923963	7.454561	.4588959	.5557435	8.535185

#1	2.118435	2.105554	-.216913	.0009510	3.268200	13.79448	.0063039
#2	2.085676	2.096486	-.218649	.0008834	3.292923	13.92256	.0055162
#3	2.059333	2.122130	-.214787	.0008191	3.295514	13.78485	.0065015

Sample Name: I3074-17 Acquired: 5/16/2017 13:20:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0L2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5564099	.0179393	.0588480
Stddev	.0026292	.0005830	.0001321
%RSD	.4725336	3.249559	.2244951

#1	.5586756	.0179737	.0587194
#2	.5570271	.0173400	.0589834
#3	.5535270	.0185043	.0588413

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1777.377	2652.250	55617.79	4591.202	3249.113
Stddev	12.625	8.239	265.40	25.247	4.820
%RSD	.7102943	.3106437	.4771843	.5499083	.1483442

#1	1769.020	2661.182	55442.54	4609.188	3253.797
#2	1771.212	2650.620	55487.70	4562.339	3249.373
#3	1791.900	2644.947	55923.14	4602.080	3244.168

Sample Name: I3074-18 Acquired: 5/16/2017 13:24:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0L3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.900083	4.702594	23.89908	4.793143	4.873069	406.3317
Stddev	.027973	.019459	.12862	.022681	.017805	.3320
%RSD	.5708756	.4137918	.5381962	.4731888	.3653809	.0817087

#1	4.906107	4.696150	23.86364	4.816700	4.886932	405.9502
#2	4.869589	4.687174	23.79189	4.771454	4.852989	406.4903
#3	4.924554	4.724457	24.04171	4.791276	4.879287	406.5547

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.802485	.4899730	2.393136	388.4729	14.52636	2.407396
Stddev	.034677	.0031775	.013336	1.0076	.12841	.008341
%RSD	.3537579	.6484986	.5572439	.2593869	.8839508	.3464768

#1	9.812857	.4869079	2.385184	387.4736	14.60742	2.407941
#2	9.830792	.4897589	2.385693	389.4887	14.59334	2.398797
#3	9.763806	.4932521	2.408532	388.4564	14.37831	2.415452

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.85105	386.0891	14.03430	384.3452	2.387739	1.216357
Stddev	.05469	1.4514	.03483	1.1247	.011518	.010691
%RSD	.3682904	.3759350	.2482112	.2926191	.4823759	.8789327

#1	14.86453	384.8614	14.00517	383.0473	2.383594	1.224838
#2	14.89774	387.6910	14.07289	384.9561	2.378867	1.219886
#3	14.79087	385.7149	14.02486	385.0322	2.400756	1.204348

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	405.3900	2.405862	13.94235	153.1629	4.994351	F 4.130501
Stddev	.5193	.016738	.16092	.2296	.029116	.024608
%RSD	.1280951	.6957040	1.154173	.1499153	.5829704	.5957658

#1	404.8465	2.387612	14.06640	153.1141	4.985725	4.102286
#2	405.8811	2.409477	14.00011	153.4130	4.970523	4.141695
#3	405.4424	2.420497	13.76052	152.9616	5.026805	4.147522

Sample Name: I3074-18 Acquired: 5/16/2017 13:24:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0L3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.803439	4.352116	4.924473	4.785606	4.895215	5.092164
Stddev	.012326	.027397	.033596	.017379	.005227	.024044
%RSD	.2566176	.6295039	.6822172	.3631594	.1067798	.4721831

#1	4.802481	4.346638	4.887162	4.771845	4.889421	5.108769
#2	4.791619	4.327871	4.933933	4.779837	4.899578	5.103132
#3	4.816217	4.381837	4.952325	4.805136	4.896646	5.064591

Elem	Sr4077
Units	ppm
Avg	4.984810
Stddev	.005859
%RSD	.1175430

#1	4.979753
#2	4.991231
#3	4.983446

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1436.790	2159.828	46095.92	4003.045	2427.460
Stddev	21.538	7.423	397.26	24.595	7.646
%RSD	1.499024	.3436711	.8618049	.6143967	.3149973

#1	1417.325	2151.665	45704.03	4017.217	2420.080
#2	1433.117	2166.173	46085.42	4017.273	2435.348
#3	1459.928	2161.647	46498.33	3974.646	2426.952

Sample Name: CCV016 Acquired: 5/16/2017 13:28:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	F -.000551	F .0023992	F -.000190	F .0032572	F -.001092	F .0044451
Stddev	.001751	.0003462	.000818	.0013981	.000607	.0043513
%RSD	317.9494	14.43015	430.1524	42.92359	55.57456	97.88851

#1	-.002342	.0027971	-.001114	.0018464	-.001359	.0059609
#2	-.000468	.0021670	.000102	.0032831	-.000398	-.000461
#3	.001158	.0022334	.000441	.0046423	-.001521	.007836

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.003209	F .0000512	F .0000291	F .0025424	F -.000007	F -.000046
Stddev	.000318	.0000677	.0000726	.0048940	.000287	.000097
%RSD	9.908277	132.1338	249.9083	192.4917	3915.939	209.9712

#1	-.003276	-.000018	.0000508	.0064841	-.000117	.000055
#2	-.003488	.000117	-.000052	-.002935	.000319	-.000057
#3	-.002863	.000055	.000088	.004079	-.000224	-.000137

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.000524	F .0086105	F .0014165	F .0011916	F -.000118	F .0001892
Stddev	.002515	.0046188	.0008267	.0067447	.000031	.0001178
%RSD	480.1480	53.64174	58.36164	566.0153	26.64428	62.28853

#1	-.001612	.0058237	.0023710	-.006596	-.000124	.0000823
#2	-.002313	.0060658	.0009481	.005111	-.000084	.0003155
#3	.002352	.0139420	.0009304	.005060	-.000146	.0001697

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.139453	F .0018949	F -.000553	F -.075340	F -.001066	F .0038660
Stddev	.177789	.0016068	.015051	.032400	.001301	.0007397
%RSD	127.4898	84.79618	2721.629	43.00593	122.0622	19.13342

#1	-.229557	.0036014	.016261	-.069961	-.001628	.0046082
#2	.065348	.0004110	-.005151	-.045965	.000422	.0038612
#3	-.254151	.0016724	-.012769	-.110093	-.001991	.0031288

Sample Name: CCV016 Acquired: 5/16/2017 13:28:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	F .0005118	-.028779	-.000892	F -.000042	.0004400	.0001463
Stddev	.0002102	.004165	.000464	.000458	.0012848	.0003844
%RSD	41.06650	14.47244	52.07489	1084.911	292.0183	262.7660

#1	.0006573	-.024340	-.000902	.000160	-.000966	-.000276
#2	.0006072	-.032601	-.000423	-.000567	.000732	.000476
#3	.0002708	-.029396	-.001351	.000280	.001553	.000238

Elem	Sr4077
Units	ppm
Avg	.0000155
Stddev	.0000222
%RSD	143.0277

#1	.0000230
#2	-.000009
#3	.000033

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1767.970	2660.424	54689.41	4284.790	3756.760
Stddev	6.399	5.411	271.20	24.737	2.800
%RSD	.3619307	.2034045	.4958970	.5773108	.0745454

#1	1765.656	2657.889	54473.11	4272.432	3757.955
#2	1763.050	2656.746	54601.44	4268.668	3753.561
#3	1775.204	2666.638	54993.67	4313.271	3758.765

Sample Name: CCB016 Acquired: 5/16/2017 13:32:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB016 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0612862	-.014235	F 9.162450	-.034533	.0021673	F 76.18354
Stddev	.0008408	.001172	.030180	.004620	.0005425	.43629
%RSD	1.371921	8.231234	.3293879	13.37773	25.03323	.5726886

#1	.0609049	-.013716	9.197222	-.029291	.0020773	75.75404
#2	.0622501	-.013412	9.147074	-.038009	.0027492	76.17028
#3	.0607036	-.015576	9.143055	-.036301	.0016753	76.62632

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 5.660966	F .0079574	F .0336776	F 167.0125	F .1189789	F .1773246
Stddev	.040959	.0000934	.0000505	.3445	.0010399	.0001211
%RSD	.7235409	1.173505	.1498802	.2062571	.8740508	.0682836

#1	5.625199	.0078634	.0336870	166.7355	.1181991	.1773518
#2	5.652049	.0079585	.0337226	167.3982	.1185780	.1774298
#3	5.705649	.0080502	.0336230	166.9038	.1201596	.1771922

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .2749829	F 162.2276	F 13.41179	F 74.37752	F .2224089	-.002785
Stddev	.0024667	.5919	.03954	.46129	.0013203	.000379
%RSD	.8970497	.3648326	.2948414	.6202040	.5936341	13.59492

#1	.2740211	161.6056	13.36826	73.84721	.2238833	-.002800
#2	.2777856	162.7838	13.44551	74.59942	.2220073	-.003156
#3	.2731420	162.2935	13.42158	74.68592	.2213360	-.002400

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.143934	F .2279551	F 1.932240	F 6.537763	F 5.041603	F -.447380
Stddev	.153746	.0029942	.007461	.024949	.008145	.003879
%RSD	13.44010	1.313507	.3861497	.3816191	.1615637	.8670114

#1	1.029245	.2289759	1.924265	6.527072	5.045968	-.442901
#2	1.318635	.2303055	1.939051	6.519940	5.046636	-.449580
#3	1.083921	.2245840	1.933403	6.566276	5.032206	-.449658

Sample Name: CCB016 Acquired: 5/16/2017 13:32:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB016 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020702	9.702331	22.24938	F .0131385	.8512978	.0496894
Stddev	.0001996	.017059	.15580	.0017901	.0051917	.0006662
%RSD	9.642694	.1758263	.7002404	13.62466	.6098529	1.340796

#1	.0022828	9.715645	22.07112	.0112122	.8453935	.0489637
#2	.0020413	9.683101	22.31750	.0147508	.8533508	.0502734
#3	.0018867	9.708247	22.35951	.0134526	.8551490	.0498309

Elem	Sr4077
Units	ppm
Avg	.1492142
Stddev	.0010116
%RSD	.6779246

#1	.1482192
#2	.1491817
#3	.1502416

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1875.574	2817.204	58860.78	5012.608	2983.258
Stddev	7.101	2.338	149.55	21.300	5.797
%RSD	.3786030	.0829891	.2540794	.4249375	.1943024

#1	1868.935	2818.399	58873.15	5036.656	2978.158
#2	1874.725	2814.510	58705.43	4996.114	2982.054
#3	1883.061	2818.704	59003.77	5005.054	2989.562

Sample Name: I3074-19 Acquired: 5/16/2017 13:36:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0L4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0282780	-.004202	.9347729	-.014210	.0010607	26.03419	.8074280
Stddev	.0014012	.000389	.0045622	.002624	.0006905	.12244	.0052886
%RSD	4.954935	9.257998	.4880557	18.46382	65.10256	.4703005	.6549951

#1	.0270609	-.004546	.9395376	-.016598	.0006016	26.01439	.8094767
#2	.0279634	-.003780	.9343365	-.011401	.0018548	26.16532	.8113858
#3	.0298097	-.004280	.9304445	-.014630	.0007256	25.92286	.8014215

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032960	.0070946	31.55890	.0827234	.0559776	.0777080	73.19353
Stddev	.0000634	.0000963	.17760	.0003212	.0002178	.0006713	.29751
%RSD	1.924967	1.357365	.5627427	.3883346	.3889912	.8639204	.4064746

#1	.0033680	.0070573	31.56670	.0828906	.0557306	.0771227	72.92555
#2	.0032719	.0072040	31.73247	.0823530	.0560607	.0775605	73.51368
#3	.0032482	.0070226	31.37754	.0829266	.0561416	.0784408	73.14138

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.657010	12.35868	.0719711	-.001411	.4186565	.1160730	.5453268
Stddev	.014250	.10768	.0006061	.000079	.1072035	.0041183	.0108786
%RSD	.3896589	.8713044	.8421170	5.628442	25.60655	3.548014	1.994881

#1	3.650145	12.32590	.0724555	-.001474	.4469088	.1208034	.5329044
#2	3.673393	12.47893	.0721664	-.001322	.5089045	.1132858	.5531525
#3	3.647492	12.27118	.0712915	-.001436	.3001563	.1141298	.5499236

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.918553	2.312762	-.195448	.0011686	2.100729	11.19654	.0056027
Stddev	.052006	.014675	.000965	.0002770	.006466	.03903	.0005176
%RSD	2.710696	.6345075	.4937154	23.70042	.3077893	.3485602	9.238509

#1	1.911267	2.329696	-.195076	.0011281	2.093341	11.19287	.0061969
#2	1.870574	2.303776	-.196544	.0014636	2.105355	11.23727	.0052495
#3	1.973818	2.304814	-.194724	.0009141	2.103492	11.15948	.0053618

Sample Name: I3074-19 Acquired: 5/16/2017 13:36:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0L4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5311043	.0140362	.0372541
Stddev	.0011561	.0008750	.0002636
%RSD	.2176736	6.233868	.7075697

#1	.5324275	.0148837	.0371868
#2	.5302896	.0140889	.0375448
#3	.5305959	.0131361	.0370307

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1821.265	2763.503	57326.41	4724.184	3455.669
Stddev	1.394	8.334	40.18	14.516	15.514
%RSD	.0765595	.3015730	.0700847	.3072658	.4489564

#1	1822.464	2753.893	57325.78	4726.801	3438.062
#2	1819.735	2767.868	57366.91	4708.538	3461.613
#3	1821.596	2768.747	57286.56	4737.214	3467.333

Sample Name: I3074-20 Acquired: 5/16/2017 13:40:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0L5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0380771	-.006236	1.613592	-.014587	.0005776	39.62833	1.519443
Stddev	.0036152	.000276	.004991	.000595	.0001572	.03689	.003414
%RSD	9.494478	4.423248	.3093070	4.080466	27.22070	.0931020	.2246706

#1	.0339135	-.005993	1.607895	-.014462	.0007386	39.66144	1.517086
#2	.0404198	-.006536	1.615687	-.015234	.0004244	39.58856	1.517886
#3	.0398981	-.006180	1.617193	-.014064	.0005698	39.63499	1.523358

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049398	.0117172	82.93896	.0886104	.0851963	.1304155	97.52182
Stddev	.0000686	.0000775	.12731	.0011315	.0001028	.0006728	.24211
%RSD	1.388991	.6615487	.1535044	1.276916	.1206422	.5158957	.2482656

#1	.0049534	.0116993	82.84587	.0890141	.0851218	.1306468	97.26075
#2	.0050006	.0118020	83.08404	.0894847	.0853136	.1309422	97.73895
#3	.0048654	.0116501	82.88697	.0873324	.0851535	.1296576	97.56576

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.666691	33.17371	.1159501	-.001641	.6627792	.1432452	.7455853
Stddev	.012896	.21015	.0005072	.000085	.0582498	.0024022	.0227160
%RSD	.2275825	.6334838	.4374229	5.208018	8.788723	1.676969	3.046736

#1	5.660369	33.00635	.1156199	-.001570	.7056204	.1421515	.7641451
#2	5.681529	33.10521	.1156964	-.001736	.5964530	.1415845	.7523574
#3	5.658175	33.40956	.1165341	-.001618	.6862643	.1459996	.7202534

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.409892	4.138164	-.258747	.0013062	4.661495	15.67551	.0087024
Stddev	.020653	.019561	.001690	.0001577	.039216	.07957	.0006824
%RSD	.6056763	.4726928	.6530954	12.07000	.8412784	.5076039	7.841880

#1	3.412642	4.117466	-.258154	.0012934	4.627389	15.68468	.0094788
#2	3.429032	4.140682	-.260654	.0014699	4.652750	15.75009	.0084306
#3	3.388002	4.156343	-.257434	.0011553	4.704345	15.59174	.0081977

Sample Name: I3074-20 Acquired: 5/16/2017 13:40:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0L5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6223994	.0241170	.0806443
Stddev	.0022808	.0009693	.0002514
%RSD	.3664500	4.019143	.3116913

#1	.6217141	.0231113	.0809205
#2	.6249442	.0241944	.0805833
#3	.6205398	.0250453	.0804290

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1877.470	2806.226	58712.41	4838.805	3241.840
Stddev	16.189	5.675	489.97	24.443	6.118
%RSD	.8622958	.2022146	.8345212	.5051416	.1887055

#1	1865.310	2812.705	58428.01	4819.034	3248.803
#2	1871.253	2802.140	58431.06	4831.247	3239.390
#3	1895.846	2803.833	59278.18	4866.134	3237.328

Sample Name: I3074-21 Acquired: 5/16/2017 13:44:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0L6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0560052	-.015927	2.872977	-.029393	.0033301	80.98038	2.890518
Stddev	.0005221	.001562	.025269	.001078	.0007329	.04499	.014448
%RSD	.9322459	9.805653	.8795352	3.668259	22.00762	.0555592	.4998238

#1	.0565448	-.016103	2.848575	-.028172	.0025551	80.94370	2.905967
#2	.0559682	-.014285	2.871324	-.030216	.0040120	81.03058	2.888246
#3	.0555025	-.017394	2.899031	-.029790	.0034232	80.96685	2.877341

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081308	.0246486	111.6990	.1386859	.1785318	.2235579	161.0882
Stddev	.0001012	.0002823	.0506	.0003011	.0020095	.0012856	.4639
%RSD	1.244416	1.145418	.0453416	.2170816	1.125593	.5750666	.2879647

#1	.0082109	.0243256	111.7558	.1390175	.1764367	.2245534	160.8320
#2	.0080170	.0247715	111.6585	.1384298	.1787156	.2221065	161.6237
#3	.0081644	.0248486	111.6828	.1386103	.1804431	.2240138	160.8091

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.13151	51.54344	.2330285	-.003030	1.340746	.2314341	1.305831
Stddev	.00343	.23066	.0017818	.000253	.076181	.0086058	.006328
%RSD	.0307963	.4474987	.7646094	8.354850	5.681986	3.718446	.4845735

#1	11.13516	51.54845	.2316418	-.003321	1.257499	.2283928	1.299135
#2	11.13101	51.31032	.2324056	-.002867	1.406985	.2411475	1.311711
#3	11.12836	51.77155	.2350381	-.002900	1.357754	.2247619	1.306649

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.239020	7.120161	-.444971	.0019497	8.566237	19.85229	.0155709
Stddev	.035239	.086862	.003974	.0001858	.109363	.06412	.0007900
%RSD	.4277126	1.219949	.8930200	9.527882	1.276675	.3229863	5.073633

#1	8.244433	7.050011	-.440895	.0020115	8.490081	19.78575	.0147443
#2	8.271240	7.093152	-.445184	.0017409	8.517078	19.85744	.0156500
#3	8.201387	7.217319	-.448834	.0020966	8.691553	19.91368	.0163183

Sample Name: I3074-21 Acquired: 5/16/2017 13:44:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA0L6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8789300	.0534490	.1186157
Stddev	.0021015	.0007875	.0001276
%RSD	.2390950	1.473319	.1075432

#1	.8765329	.0543012	.1187552
#2	.8804552	.0532975	.1185050
#3	.8798018	.0527483	.1185869

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2004.859	2965.297	62505.54	5239.654	3048.863
Stddev	7.207	17.800	50.59	15.201	23.139
%RSD	.3594565	.6002606	.0809429	.2901222	.7589226

#1	2002.149	2983.982	62563.94	5253.516	3071.263
#2	2013.028	2963.368	62474.97	5242.048	3050.276
#3	1999.401	2948.540	62477.71	5223.398	3025.051

Sample Name: I3074-22 Acquired: 5/16/2017 13:48:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0L7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0395264	-.006920	1.129308	-.016697	.0005590	40.20831	1.283165
Stddev	.0030712	.001602	.004113	.001398	.0005024	.06146	.008370
%RSD	7.770036	23.15121	.3642233	8.375462	89.88339	.1528458	.6522641

#1	.0393835	-.008042	1.125372	-.018177	.0006154	40.26911	1.290795
#2	.0426666	-.007632	1.133578	-.015398	.0000307	40.14621	1.284486
#3	.0365291	-.005085	1.128972	-.016517	.0010309	40.20960	1.274213

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045548	.0099942	107.8146	.3991477	.0812926	.1141814	94.39494
Stddev	.0000408	.0000673	.4959	.0007544	.0002841	.0008727	.29310
%RSD	.8965803	.6737055	.4599383	.1890048	.3494571	.7643104	.3105016

#1	.0045825	.0099299	107.8618	.3988944	.0810483	.1131742	94.68978
#2	.0045079	.0100642	108.2852	.3999961	.0816043	.1146569	94.39142
#3	.0045740	.0099884	107.2968	.3985525	.0812251	.1147131	94.10361

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.374333	24.45019	.2331081	-.002032	.6229370	.1492613	.6416962
Stddev	.024426	.12797	.0006552	.000091	.1451327	.0008541	.0255876
%RSD	.3832006	.5233950	.2810626	4.460395	23.29813	.5722479	3.987499

#1	6.385159	24.58710	.2324019	-.002114	.6440629	.1497043	.6710607
#2	6.391476	24.42989	.2332262	-.002048	.7563489	.1482766	.6298461
#3	6.346365	24.33358	.2336962	-.001935	.4683991	.1498029	.6241818

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.468046	3.222757	-.250228	.0034402	5.797819	16.39367	.0054779
Stddev	.014387	.004877	.001542	.0003668	.038176	.09391	.0007078
%RSD	.4148488	.1513371	.6163487	10.66288	.6584554	.5728423	12.92042

#1	3.466867	3.217620	-.248530	.0038251	5.756942	16.29237	.0046630
#2	3.482986	3.227324	-.250611	.0034009	5.803965	16.41081	.0058319
#3	3.454284	3.223327	-.251542	.0030946	5.832548	16.47783	.0059388

Sample Name: I3074-22 Acquired: 5/16/2017 13:48:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0L7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6769743	.0244083	.1006408
Stddev	.0004535	.0008352	.0003783
%RSD	.0669827	3.421761	.3759100

#1	.6773452	.0251430	.1010711
#2	.6764688	.0234999	.1004911
#3	.6771088	.0245821	.1003603

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1817.368	2736.372	56939.05	4775.060	3169.070
Stddev	11.200	13.209	172.78	6.475	7.383
%RSD	.6162877	.4827333	.3034394	.1356072	.2329760

#1	1804.578	2721.287	56809.08	4776.350	3162.266
#2	1822.101	2745.871	56872.96	4780.793	3176.921
#3	1825.425	2741.958	57135.12	4768.037	3168.023

Sample Name: PB98872BL Acquired: 5/16/2017 13:52:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	.0020219	.0016336	-.000742	-.000011	-.000921	.0026854	-.003388
Stddev	.0033004	.0004795	.000596	.001482	.000517	.0047811	.000901
%RSD	163.2319	29.35402	80.39331	14014.17	56.14176	178.0372	26.59851

#1	.0006936	.0011204	-.001336	-.001711	-.001348	.0058446	-.003855
#2	.0057796	.0020702	-.000143	.000669	-.000346	-.002815	-.002349
#3	-.000407	.0017103	-.000746	.001010	-.001070	.005027	-.003959

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000327	-.000050	.0158794	.0001674	-.000138	-.000243	-.012158
Stddev	.0000295	.000067	.0017427	.0002013	.000193	.001373	.019867
%RSD	90.23435	132.5963	10.97451	120.2622	139.2163	563.8397	163.4076

#1	.0000149	-.000017	.0152458	.0000894	.000054	-.001133	-.015723
#2	.0000164	-.000127	.0178503	.0003960	-.000137	.001337	-.030001
#3	.0000667	-.000007	.0145422	.0000168	-.000332	-.000935	.009250

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007781	-.023207	.0000806	.0001454	-.169049	.0022927	.0024452
Stddev	.0001633	.026143	.0001711	.0001634	.193125	.0038453	.0140861
%RSD	20.98392	112.6544	212.3249	112.4173	114.2420	167.7168	576.0652

#1	.0006069	-.019052	.0000287	.0001547	.049673	.0004366	.0037912
#2	.0007953	-.051179	.0002717	.0003039	-.240755	-.000272	.0158100
#3	.0009321	.000611	-.000059	-.000023	-.316064	.006714	-.012266

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.120500	-.001363	-.004240	-.000140	-.037402	-.001645	-.000034
Stddev	.029296	.000855	.000861	.000103	.006394	.000355	.000567
%RSD	24.31238	62.69444	20.31062	73.93542	17.09618	21.56109	1646.982

#1	-.154195	-.001918	-.005035	-.000150	-.042705	-.001567	.000336
#2	-.101049	-.000379	-.003325	-.000237	-.039201	-.001337	.000247
#3	-.106256	-.001793	-.004359	-.000032	-.030301	-.002033	-.000687

Sample Name: PB98872BL Acquired: 5/16/2017 13:52:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	.0004578	-.000282	-.000024
Stddev	.0008364	.000148	.000031
%RSD	182.6954	52.38158	127.3493

#1	-.000503	-.000186	-.000050
#2	.000851	-.000209	-.000033
#3	.001025	-.000453	.000010

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1792.149	2709.088	55436.58	4370.399	3822.087
Stddev	11.675	10.376	184.93	13.369	7.756
%RSD	.6514413	.3830196	.3335809	.3058979	.2029299

#1	1789.403	2697.434	55315.97	4376.343	3813.174
#2	1782.092	2712.505	55344.28	4355.088	3825.785
#3	1804.952	2717.324	55649.49	4379.764	3827.302

Sample Name: PB98872BS Acquired: 5/16/2017 13:56:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	.0183567	.0510103	.0194660	.0673791	.1102060	.3856456
Stddev	.0022329	.0013502	.0003146	.0016465	.0016314	.0164202
%RSD	12.16388	2.646876	1.616073	2.443668	1.480328	4.257840

#1	.0181865	.0495616	.0191896	.0677682	.1086113	.3741990
#2	.0206698	.0512360	.0198083	.0655728	.1101349	.3782787
#3	.0162137	.0522335	.0194002	.0687962	.1118718	.4044591

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3797827	.0096567	.0088466	9.384652	.0216785	.0877867
Stddev	.0027584	.0001880	.0000180	.015810	.0002254	.0004114
%RSD	.7263065	1.946786	.2033623	.1684646	1.039911	.4686809

#1	.3770206	.0094401	.0088673	9.387660	.0216888	.0879969
#2	.3797904	.0097518	.0088364	9.398742	.0214481	.0873127
#3	.3825373	.0097780	.0088359	9.367554	.0218987	.0880506

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0502813	.2252016	.0318524	9.021107	.0712385	.0180067
Stddev	.0022413	.0078190	.0007623	.025757	.0005398	.0003820
%RSD	4.457479	3.471984	2.393331	.2855180	.7576760	2.121484

#1	.0507438	.2163132	.0317235	9.032479	.0713589	.0184219
#2	.0522552	.2282734	.0326711	9.039221	.0717079	.0179280
#3	.0478448	.2310181	.0311628	8.991622	.0706487	.0176701

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.469017	.1024009	.1047009	8.316107	F .0297135	F .0174326
Stddev	.098608	.0024558	.0208478	.074697	.0022471	.0004402
%RSD	1.041380	2.398236	19.91171	.8982225	7.562380	2.525418

#1	9.582700	.1009128	.0899812	8.273665	.0276368	.0171057
#2	9.406638	.1010545	.1285570	8.272300	.0294048	.0172590
#3	9.417711	.1052354	.0955646	8.402356	.0320989	.0179332

Sample Name: PB98872BS Acquired: 5/16/2017 13:56:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	.0217291	.4261631	.1963115	F .0160616	.1984157	.0908166
Stddev	.0002160	.0031775	.0024261	.0012621	.0021501	.0015920
%RSD	.9938845	.7456046	1.235848	7.857753	1.083648	1.753020

#1	.0216357	.4276007	.1937209	.0155266	.1966149	.0890009
#2	.0215756	.4225209	.1985303	.0175031	.1978359	.0914759
#3	.0219761	.4283678	.1966832	.0151552	.2007963	.0919731

Elem	Sr4077
Units	ppm
Avg	.2013488
Stddev	.0006303
%RSD	.3130251

#1	.2006394
#2	.2015627
#3	.2018442

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1757.783	2620.725	55083.19	4411.313	3618.323
Stddev	17.135	5.240	234.57	6.791	10.294
%RSD	.9747866	.1999605	.4258557	.1539553	.2845095

#1	1738.362	2616.428	54824.19	4419.152	3607.068
#2	1764.221	2626.563	55144.03	4407.578	3627.262
#3	1770.767	2619.184	55281.35	4407.207	3620.640

Sample Name: I3075-01 Acquired: 5/16/2017 14:00:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0L8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0479779	-.009020	1.592748	-.021028	.0020774	52.38935	1.713587
Stddev	.0028040	.000963	.004280	.003458	.0006327	.03137	.001249
%RSD	5.844370	10.67159	.2687173	16.44286	30.45417	.0598814	.0728653

#1	.0508248	-.009165	1.597072	-.021902	.0014127	52.37823	1.714926
#2	.0452189	-.007994	1.588514	-.017217	.0026722	52.36505	1.712454
#3	.0478901	-.009903	1.592657	-.023965	.0021474	52.42476	1.713380

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056614	.0135813	171.7415	.0953579	.1066416	.1516676	110.3653
Stddev	.0000847	.0000217	.4224	.0004178	.0003070	.0020907	.2562
%RSD	1.495608	.1596990	.2459708	.4381454	.2878568	1.378470	.2321792

#1	.0057184	.0135970	172.2280	.0956065	.1062978	.1513087	110.5706
#2	.0057016	.0135904	171.5284	.0955917	.1068881	.1539145	110.0781
#3	.0055641	.0135566	171.4680	.0948756	.1067390	.1497796	110.4471

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.436704	39.63392	.1631362	-.002340	.8189467	.1633598	.7799048
Stddev	.024672	.02256	.0003305	.000319	.1280994	.0016520	.0148141
%RSD	.2924363	.0569308	.2025740	13.61245	15.64197	1.011254	1.899469

#1	8.455384	39.61097	.1627954	-.002594	.8078086	.1622175	.7853949
#2	8.445993	39.63471	.1631580	-.001983	.6967800	.1652540	.7631295
#3	8.408736	39.65608	.1634553	-.002443	.9522515	.1626079	.7911902

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.825578	4.486468	-.298423	.0023965	9.009378	4.728911	.0095254
Stddev	.031866	.003035	.001942	.0002342	.020030	.025835	.0005723
%RSD	.6603592	.0676572	.6506842	9.773034	.2223186	.5463303	6.008018

#1	4.825064	4.488283	-.296996	.0025028	9.029901	4.735803	.0095436
#2	4.857698	4.482964	-.300635	.0025588	8.989882	4.750602	.0100884
#3	4.793972	4.488158	-.297639	.0021280	9.008352	4.700328	.0089443

Sample Name: I3075-01 Acquired: 5/16/2017 14:00:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0L8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6084610	.0342788	.1488337
Stddev	.0007580	.0003592	.0001294
%RSD	.1245766	1.047879	.0869159

#1	.6081911	.0340694	.1488538
#2	.6078749	.0346935	.1489518
#3	.6093170	.0340734	.1486954

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1898.282	2836.783	59435.15	5003.061	3098.275
Stddev	10.675	13.468	160.07	12.478	7.196
%RSD	.5623430	.4747631	.2693268	.2494027	.2322578

#1	1903.950	2843.074	59508.08	4990.853	3100.812
#2	1904.927	2845.954	59545.78	5002.539	3103.859
#3	1885.968	2821.321	59251.60	5015.792	3090.154

Sample Name: I3075-02 Acquired: 5/16/2017 14:04:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0L9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0524534	-.013976	2.037561	-.027809	.0027891	75.38447	2.450898
Stddev	.0013201	.000430	.008040	.001334	.0004037	.31303	.016464
%RSD	2.516693	3.079256	.3946112	4.796541	14.47257	.4152398	.6717394

#1	.0517138	-.014284	2.028344	-.027933	.0030343	75.58931	2.468850
#2	.0539775	-.014159	2.041205	-.029077	.0030097	75.53995	2.447337
#3	.0516690	-.013484	2.043135	-.026418	.0023232	75.02414	2.436506

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068685	.0171954	191.7531	.1307929	.1261762	.1787805	139.1064
Stddev	.0001323	.0000064	1.0644	.0008869	.0009520	.0016954	.8133
%RSD	1.926917	.0374594	.5550891	.6781166	.7544585	.9482959	.5846620

#1	.0068255	.0171879	192.3356	.1309900	.1250774	.1800976	139.4509
#2	.0070170	.0171992	192.3991	.1315648	.1267497	.1793763	139.6908
#3	.0067630	.0171990	190.5246	.1298241	.1267016	.1768677	138.1775

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.02043	50.98066	.2170859	-.003304	1.080259	.2075737	.9734971
Stddev	.04369	.28704	.0010468	.000285	.112335	.0011597	.0131060
%RSD	.4359815	.5630432	.4822069	8.614430	10.39887	.5587102	1.346284

#1	10.05459	51.10665	.2158775	-.003623	1.187592	.2076265	.9639931
#2	10.03550	51.18316	.2176628	-.003215	.963514	.2087062	.9884483
#3	9.97120	50.65217	.2177172	-.003075	1.089672	.2063885	.9680500

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.495268	5.179113	-.376037	.0031789	9.907456	4.582528	.0122520
Stddev	.068340	.032371	.003445	.0001300	.050973	.037303	.0003458
%RSD	.9117811	.6250342	.9161227	4.089286	.5144912	.8140290	2.822852

#1	7.499328	5.142090	-.375797	.0030376	9.851193	4.596028	.0122119
#2	7.561488	5.202081	-.379595	.0032934	9.950559	4.611201	.0119279
#3	7.424988	5.193169	-.372718	.0032056	9.920616	4.540354	.0126161

Sample Name: I3075-02 Acquired: 5/16/2017 14:04:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0L9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7526236	.0501406	.1750277
Stddev	.0053806	.0007464	.0009068
%RSD	.7149068	1.488525	.5180810

#1	.7543523	.0505348	.1758912
#2	.7569274	.0506072	.1751089
#3	.7465912	.0492798	.1740831

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1919.356	2893.708	60285.41	5085.750	3048.106
Stddev	15.322	4.597	166.17	36.535	11.686
%RSD	.7982670	.1588621	.2756454	.7183815	.3833855

#1	1902.030	2898.164	60101.64	5076.217	3059.747
#2	1924.920	2888.982	60329.52	5054.926	3036.375
#3	1931.118	2893.978	60425.08	5126.107	3048.194

Sample Name: I3075-03 Acquired: 5/16/2017 14:09:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0M0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0361036	-.005586	3.328570	-.017196	.0011243	36.57002	1.961091
Stddev	.0001912	.001237	.057444	.001165	.0002096	.15459	.001114
%RSD	.5295689	22.15087	1.725799	6.774484	18.64413	.4227326	.0568131

#1	.0360532	-.004366	3.371607	-.018310	.0009222	36.74348	1.960227
#2	.0363149	-.006840	3.263340	-.015986	.0013407	36.51981	1.962348
#3	.0359426	-.005552	3.350763	-.017292	.0011100	36.44677	1.960697

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047484	.0194490	75.22260	.0893967	.0787971	.1526441	96.89873
Stddev	.0000009	.0003277	.23967	.0002820	.0015710	.0037216	.32115
%RSD	.0178182	1.685002	.3186172	.3154185	1.993658	2.438067	.3314244

#1	.0047493	.0196542	75.39697	.0891064	.0802060	.1508761	97.09185
#2	.0047480	.0190710	74.94930	.0896695	.0771032	.1569202	96.52801
#3	.0047478	.0196217	75.32152	.0894143	.0790823	.1501362	97.07632

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.895959	23.69366	.1064766	-.001785	.5806206	.1511931	1.203012
Stddev	.022378	.08020	.0014462	.000298	.0733088	.0011466	.025785
%RSD	.3795552	.3385061	1.358228	16.68521	12.62594	.7583390	2.143344

#1	5.919306	23.77687	.1077669	-.001956	.6102853	.1498917	1.230617
#2	5.874695	23.68728	.1049134	-.001958	.4971283	.1520547	1.198869
#3	5.893875	23.61684	.1067496	-.001441	.6344482	.1516327	1.179550

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.848529	2.836510	-.258587	.0007990	6.490498	6.574870	.0069839
Stddev	.034763	.056561	.002282	.0003834	.104020	.043111	.0005805
%RSD	1.220372	1.994032	.8823643	47.98794	1.602651	.6556876	8.312594

#1	2.871738	2.884674	-.260869	.0005316	6.568167	6.601403	.0064282
#2	2.808562	2.774227	-.256306	.0012383	6.372317	6.525127	.0069370
#3	2.865288	2.850629	-.258586	.0006272	6.531011	6.598080	.0075864

Sample Name: I3075-03 Acquired: 5/16/2017 14:09:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0M0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5420361	.0206144	.0749433
Stddev	.0043054	.0005146	.0002970
%RSD	.7942982	2.496067	.3962696

#1	.5469807	.0210399	.0752719
#2	.5391175	.0207608	.0746942
#3	.5400100	.0200425	.0748638

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1819.254	2761.822	57235.84	4738.486	3276.830
Stddev	11.766	46.017	251.63	22.268	56.888
%RSD	.6467628	1.666180	.4396373	.4699345	1.736074

#1	1813.024	2721.254	57018.84	4714.115	3228.588
#2	1811.914	2811.825	57177.01	4757.771	3339.562
#3	1832.826	2752.386	57511.68	4743.572	3262.340

Sample Name: I3075-04 Acquired: 5/16/2017 14:13:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0M1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0271783	-.005002	2.676459	-.011425	.0000461	30.05941	1.579202
Stddev	.0002353	.001570	.007885	.001838	.0010161	.00871	.003033
%RSD	.8657151	31.38949	.2946064	16.08361	2206.669	.0289905	.1920893

#1	.0274332	-.003802	2.668758	-.009880	-.001123	30.04941	1.580206
#2	.0269695	-.004424	2.676104	-.010939	.000719	30.06539	1.581606
#3	.0271320	-.006779	2.684516	-.013457	.000542	30.06342	1.575794

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035512	.0135003	54.96772	.0679540	.0579507	.1155533	73.34435
Stddev	.0000880	.0001102	.08980	.0003205	.0002377	.0034698	.34793
%RSD	2.478484	.8163722	.1633631	.4715839	.4102407	3.002785	.4743758

#1	.0036042	.0133966	54.87656	.0683008	.0576781	.1121200	72.95448
#2	.0034496	.0136160	55.05608	.0678923	.0580586	.1190585	73.62328
#3	.0035998	.0134882	54.97051	.0676689	.0581153	.1154814	73.45529

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.488457	19.40069	.0802300	-.000896	.4461580	.1100166	.9269692
Stddev	.024286	.06873	.0003746	.000069	.0766863	.0003013	.0093546
%RSD	.5410698	.3542541	.4668471	7.649068	17.18815	.2738773	1.009162

#1	4.462737	19.32883	.0798063	-.000943	.3980707	.1100082	.9269106
#2	4.510994	19.40745	.0805168	-.000929	.5345950	.1103220	.9176441
#3	4.491641	19.46579	.0803669	-.000818	.4058084	.1097195	.9363530

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.114053	2.011308	-.197450	.0009486	4.267655	5.048761	.0053089
Stddev	.027711	.012723	.001718	.0003772	.020412	.021123	.0005214
%RSD	1.310784	.6325489	.8698922	39.76369	.4782905	.4183733	9.821722

#1	2.088257	2.025424	-.196065	.0012746	4.273748	5.042740	.0047105
#2	2.143346	2.000725	-.199372	.0010358	4.244890	5.072240	.0056661
#3	2.110557	2.007775	-.196914	.0005355	4.284327	5.031301	.0055500

Sample Name: I3075-04 Acquired: 5/16/2017 14:13:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0M1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4925668	.0166512	.0550263
Stddev	.0014215	.0007045	.0002112
%RSD	.2885983	4.231105	.3837274

#1	.4909315	.0168751	.0548447
#2	.4935079	.0172166	.0549763
#3	.4932609	.0158620	.0552580

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1790.320	2715.068	56451.40	4657.206	3343.526
Stddev	3.091	4.933	152.62	6.807	2.776
%RSD	.1726440	.1816906	.2703597	.1461713	.0830131

#1	1793.505	2714.848	56551.67	4662.029	3342.650
#2	1787.333	2720.107	56275.75	4649.419	3346.634
#3	1790.123	2710.249	56526.77	4660.170	3341.295

Sample Name: I3075-05 Acquired: 5/16/2017 14:17:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0M2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0533207	-.015670	6.870888	-.027529	.0019075	74.57822	5.115239
Stddev	.0003090	.005425	.008574	.002805	.0013294	.14896	.005715
%RSD	.5795098	34.62419	.1247893	10.19020	69.69257	.1997367	.1117297

#1	.0536457	-.021354	6.879442	-.029571	.0032653	74.59867	5.108658
#2	.0530306	-.010546	6.870929	-.028686	.0018485	74.71590	5.118113
#3	.0532858	-.015109	6.862294	-.024330	.0006086	74.42009	5.118948

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073508	.0351425	168.7647	.1317039	.1444278	.2558244	149.5574
Stddev	.0000895	.0001683	.3279	.0029011	.0001665	.0005399	.5551
%RSD	1.218082	.4789718	.1942967	2.202721	.1153010	.2110587	.3711659

#1	.0073812	.0352968	168.4564	.1305552	.1445888	.2564479	148.9694
#2	.0074211	.0351678	168.7285	.1295530	.1442562	.2555155	149.6303
#3	.0072500	.0349630	169.1092	.1350034	.1444385	.2555098	150.0724

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.99325	69.05385	.2110805	-.002499	1.052521	.2111732	2.063679
Stddev	.01425	.19680	.0007740	.000212	.168846	.0032564	.036946
%RSD	.1296553	.2849995	.3666676	8.484507	16.04210	1.542062	1.790283

#1	10.98802	68.83833	.2119706	-.002410	1.167548	.2112288	2.032673
#2	11.00938	69.09921	.2105663	-.002346	.858678	.2078893	2.053806
#3	10.98235	69.22402	.2107045	-.002741	1.131336	.2144014	2.104558

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.917633	4.610834	-.408137	.0024612	11.88287	4.195641	.0101735
Stddev	.030656	.004902	.003090	.0002420	.00939	.025262	.0009643
%RSD	.4431568	.1063104	.7570917	9.830410	.0790575	.6020965	9.478672

#1	6.894971	4.611239	-.410793	.0024452	11.87598	4.212802	.0098289
#2	6.952514	4.605742	-.404746	.0022277	11.87906	4.166633	.0112628
#3	6.905413	4.615521	-.408874	.0027108	11.89358	4.207489	.0094288

Sample Name: I3075-05 Acquired: 5/16/2017 14:17:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0M2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7049332	.0479900	.1505803
Stddev	.0030975	.0001429	.0003670
%RSD	.4393981	.2977989	.2437038

#1	.7066538	.0479775	.1507248
#2	.7067884	.0478538	.1508530
#3	.7013574	.0481388	.1501631

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1868.663	2850.625	58893.84	5034.544	3056.671
Stddev	25.117	17.092	945.11	16.745	16.612
%RSD	1.344117	.5995877	1.604771	.3326017	.5434644

#1	1886.860	2831.580	59476.23	5016.169	3038.371
#2	1879.122	2855.665	59401.93	5048.943	3060.841
#3	1840.006	2864.630	57803.36	5038.520	3070.800

Sample Name: I3075-06 Acquired: 5/16/2017 14:21:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0M3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0355446	-.005532	2.057625	-.014509	-.000131	33.36527	1.552682
Stddev	.0024343	.000666	.004729	.001824	.001581	.06839	.006563
%RSD	6.848467	12.04790	.2298237	12.57315	1210.522	.2049788	.4226951

#1	.0381054	-.004773	2.058859	-.012956	.001664	33.44156	1.558581
#2	.0332606	-.005801	2.061614	-.014054	-.000742	33.30947	1.553853
#3	.0352677	-.006022	2.052401	-.016518	-.001314	33.34476	1.545613

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040597	.0130429	72.05186	.0867700	.0707512	.1157987	90.61383
Stddev	.0002044	.0001083	.12605	.0002859	.0000743	.0029551	.23723
%RSD	5.034144	.8305506	.1749418	.3294680	.1050414	2.551914	.2618071

#1	.0040679	.0130534	72.18589	.0865251	.0706940	.1174530	90.83404
#2	.0038514	.0129298	71.93570	.0867006	.0708352	.1175561	90.36262
#3	.0042599	.0131457	72.03400	.0870841	.0707244	.1123870	90.64484

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.345933	19.87510	.0946258	-.001657	.5239866	.1398468	.8814422
Stddev	.012499	.10449	.0005737	.000431	.0554029	.0020880	.0252836
%RSD	.2337996	.5257460	.6062510	25.98834	10.57335	1.493061	2.868440

#1	5.349743	19.95604	.0940761	-.002154	.4807389	.1402802	.8609335
#2	5.331973	19.91212	.0945806	-.001392	.5047850	.1416841	.9096912
#3	5.356084	19.75713	.0952208	-.001426	.5864358	.1375762	.8737020

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.202872	2.330861	-.244251	.0012313	3.649355	3.078243	.0087821
Stddev	.040679	.002300	.001707	.0005779	.016182	.018559	.0004658
%RSD	1.846637	.0986914	.6988851	46.93732	.4434143	.6029040	5.304172

#1	2.246135	2.332598	-.244584	.0016462	3.630687	3.097098	.0082443
#2	2.165396	2.331732	-.242402	.0005712	3.659369	3.059995	.0090621
#3	2.197086	2.328252	-.245767	.0014765	3.658010	3.077636	.0090398

Sample Name: I3075-06 Acquired: 5/16/2017 14:21:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0M3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5203912	.0185966	.0676198
Stddev	.0014017	.0013457	.0003580
%RSD	.2693601	7.236359	.5293761

#1	.5216610	.0199542	.0680236
#2	.5206254	.0185726	.0673414
#3	.5188871	.0172630	.0674944

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1831.484	2757.906	57373.07	4738.723	3319.750
Stddev	4.215	2.452	213.87	26.851	5.274
%RSD	.2301462	.0888916	.3727792	.5666246	.1588744

#1	1831.835	2756.889	57129.99	4708.662	3320.666
#2	1827.104	2756.126	57456.85	4760.328	3314.077
#3	1835.512	2760.702	57532.38	4747.180	3324.506

Sample Name: I3075-07 Acquired: 5/16/2017 14:25:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0M4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0321145	-.006683	1.882243	-.014900	.0000234	30.15111	1.420567
Stddev	.0012852	.000577	.035367	.002166	.0012172	.14856	.004075
%RSD	4.001866	8.634386	1.878956	14.53917	5210.905	.4927333	.2868796

#1	.0320504	-.006773	1.863294	-.016161	-.000667	29.98702	1.417395
#2	.0308626	-.007211	1.923046	-.012398	-.000692	30.18982	1.425164
#3	.0334305	-.006067	1.860389	-.016140	.001429	30.27648	1.419144

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036128	.0117297	65.12533	.0777561	.0620644	.1049692	83.21424
Stddev	.0000661	.0003136	.26148	.0002122	.0009698	.0003652	.51475
%RSD	1.829618	2.673232	.4015024	.2729595	1.562541	.3479192	.6185850

#1	.0035527	.0115236	64.92309	.0777888	.0616502	.1051964	82.82724
#2	.0036020	.0120906	65.42061	.0779501	.0631725	.1051633	83.79844
#3	.0036836	.0115749	65.03230	.0775294	.0613705	.1045479	83.01705

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.612381	18.19207	.0822874	-.001492	.5062899	.1289303	.7865486
Stddev	.016321	.08963	.0011338	.000214	.0471002	.0034935	.0160591
%RSD	.3538413	.4926721	1.377837	14.31686	9.303016	2.709591	2.041718

#1	4.596984	18.18938	.0817231	-.001342	.4607875	.1249050	.8042761
#2	4.629491	18.28301	.0835926	-.001397	.5548399	.1307156	.7823963
#3	4.610669	18.10381	.0815465	-.001736	.5032422	.1311704	.7729735

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.940353	2.133541	-.222475	.0011511	3.533573	10.21292	.0079731
Stddev	.034767	.040108	.001460	.0001197	.064705	.07903	.0005223
%RSD	1.791776	1.879864	.6560653	10.39555	1.831154	.7738675	6.550943

#1	1.912115	2.123177	-.221210	.0010290	3.496787	10.16879	.0078536
#2	1.979184	2.177813	-.224072	.0012682	3.608285	10.30417	.0085448
#3	1.929760	2.099632	-.222144	.0011561	3.495646	10.16581	.0075209

Sample Name: I3075-07 Acquired: 5/16/2017 14:25:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0M4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5834904	.0169072	.0616820
Stddev	.0025155	.0003696	.0002859
%RSD	.4311070	2.185820	.4634896

#1	.5807030	.0165896	.0613519
#2	.5855913	.0173128	.0618520
#3	.5841770	.0168194	.0618420

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1816.641	2727.326	56853.71	4695.383	3335.368
Stddev	4.003	40.980	171.38	14.163	49.857
%RSD	.2203653	1.502570	.3014362	.3016389	1.494801

#1	1815.041	2731.802	56678.68	4700.052	3344.145
#2	1813.685	2684.292	57021.19	4679.474	3281.706
#3	1821.197	2765.884	56861.28	4706.621	3380.255

Sample Name: I3075-08 Acquired: 5/16/2017 14:29:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0M5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0440039	-.008534	3.145779	-.021499	.0008438	43.90721	2.258353
Stddev	.0014432	.001235	.010638	.002555	.0015903	.07636	.004599
%RSD	3.279786	14.47089	.3381583	11.88591	188.4676	.1739019	.2036316

#1	.0436127	-.008373	3.153358	-.024091	-.000688	43.82798	2.256507
#2	.0427966	-.007387	3.133618	-.021425	.002487	43.98032	2.254964
#3	.0456024	-.009841	3.150360	-.018982	.000733	43.91332	2.263588

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052804	.0186195	122.6222	.0855222	.1035085	.1717466	105.4765
Stddev	.0001178	.0001536	.6464	.0001400	.0005453	.0023699	.2394
%RSD	2.231018	.8250986	.5271129	.1637552	.5268406	1.379906	.2270082

#1	.0054164	.0186812	121.8826	.0855638	.1036341	.1744824	105.2038
#2	.0052101	.0184446	122.9046	.0856368	.1029113	.1703226	105.5734
#3	.0052147	.0187327	123.0792	.0853661	.1039801	.1704347	105.6523

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.771725	34.52294	.1406231	-.001852	.7132526	.1529382	1.060715
Stddev	.025569	.17981	.0007512	.000221	.1317541	.0028376	.032992
%RSD	.3289968	.5208340	.5341618	11.92632	18.47230	1.855369	3.110326

#1	7.745137	34.33864	.1414900	-.001946	.7853152	.1532881	1.025319
#2	7.773905	34.69788	.1402137	-.002010	.7932574	.1555846	1.090610
#3	7.796135	34.53230	.1401656	-.001599	.5611851	.1499419	1.066216

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.306097	3.267342	-.285202	.0017301	6.322548	7.804791	.0085311
Stddev	.020232	.011003	.001272	.0001070	.040473	.038246	.0010842
%RSD	.6119568	.3367538	.4461359	6.185289	.6401334	.4900361	12.70816

#1	3.322758	3.273030	-.284682	.0017897	6.369162	7.781381	.0088619
#2	3.283584	3.254659	-.286652	.0016066	6.302136	7.848927	.0073201
#3	3.311949	3.274336	-.284272	.0017940	6.296346	7.784066	.0094114

Sample Name: I3075-08 Acquired: 5/16/2017 14:29:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0M5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5777103	.0268143	.1067968
Stddev	.0014017	.0006951	.0002704
%RSD	.2426253	2.592256	.2531581

#1	.5762012	.0261352	.1065433
#2	.5789714	.0275243	.1070813
#3	.5779583	.0267833	.1067657

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1866.312	2819.075	58472.05	4934.244	3198.116
Stddev	2.496	12.814	138.12	23.559	9.978
%RSD	.1337309	.4545311	.2362153	.4774683	.3120011

#1	1867.968	2825.797	58410.38	4948.765	3193.951
#2	1867.527	2827.130	58630.26	4907.061	3209.502
#3	1863.442	2804.299	58375.50	4946.906	3190.896

Sample Name: I3075-09 Acquired: 5/16/2017 14:33:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0M6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0542123	-.014568	4.760534	-.029913	.0029218	76.22389	4.165430
Stddev	.0037057	.002868	.013160	.001253	.0022844	.06852	.011624
%RSD	6.835480	19.69043	.2764409	4.188867	78.18251	.0898923	.2790672

#1	.0517835	-.012575	4.765608	-.029268	.0048179	76.14926	4.157386
#2	.0523757	-.013272	4.745592	-.029113	.0003857	76.28395	4.178757
#3	.0584775	-.017855	4.770402	-.031357	.0035619	76.23848	4.160145

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077013	.0283940	187.0198	.1215385	.1514399	.2346639	150.9980
Stddev	.0000203	.0001986	.3491	.0002166	.0007697	.0015172	.5856
%RSD	.2639976	.6995673	.1866426	.1781757	.5082383	.6465314	.3877890

#1	.0076820	.0284678	187.0999	.1212924	.1511637	.2358206	151.6709
#2	.0076994	.0281690	186.6376	.1216999	.1508464	.2352249	150.6041
#3	.0077226	.0285451	187.3218	.1216232	.1523095	.2329460	150.7190

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.96749	57.76548	.2225150	-.003040	1.222247	.2155666	1.612992
Stddev	.04815	.23922	.0006615	.000178	.146101	.0015765	.011640
%RSD	.4390449	.4141202	.2972697	5.848127	11.95347	.7313053	.7216297

#1	11.01457	58.03448	.2230940	-.003194	1.335755	.2173479	1.626390
#2	10.91833	57.57663	.2217941	-.003081	1.273577	.2143513	1.607217
#3	10.96956	57.68532	.2226569	-.002846	1.057408	.2150005	1.605369

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.606925	4.775892	-.414781	.0025411	9.746643	6.391297	.0134632
Stddev	.020597	.024331	.003276	.0002979	.034769	.033435	.0008781
%RSD	.3117460	.5094514	.7897385	11.72348	.3567295	.5231409	6.522441

#1	6.613843	4.786565	-.416270	.0027961	9.736516	6.429006	.0143725
#2	6.623172	4.748049	-.417049	.0026137	9.718062	6.379616	.0126200
#3	6.583760	4.793063	-.411026	.0022137	9.785351	6.365269	.0133972

Sample Name: I3075-09 Acquired: 5/16/2017 14:33:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0M6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6811054	.0507741	.1674371
Stddev	.0013180	.0005045	.0002475
%RSD	.1935063	.9936774	.1478252

#1	.6824023	.0512370	.1675700
#2	.6811467	.0508490	.1675897
#3	.6797673	.0502363	.1671515

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1921.279	2906.203	60456.16	5117.070	3030.287
Stddev	3.103	10.137	35.49	16.140	10.935
%RSD	.1615307	.3488135	.0587062	.3154158	.3608408

#1	1920.686	2896.880	60443.85	5098.726	3021.456
#2	1924.636	2916.994	60496.17	5129.092	3042.517
#3	1918.515	2904.733	60428.46	5123.392	3026.887

Sample Name: I3075-10 Acquired: 5/16/2017 14:37:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0M7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0372454	-.005762	2.082778	-.020208	.0001268	41.24788	1.601878
Stddev	.0013385	.001725	.004250	.001308	.0009843	.10700	.001967
%RSD	3.593837	29.93212	.2040589	6.471734	776.4045	.2594059	.1227758

#1	.0357101	-.004842	2.084073	-.021481	.0012588	41.12552	1.600512
#2	.0378587	-.007752	2.078031	-.020276	-.000527	41.32386	1.604132
#3	.0381673	-.004693	2.086230	-.018868	-.000351	41.29427	1.600989

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045147	.0133164	94.95875	.0940547	.0786709	.1209288	94.87290
Stddev	.0001042	.0000296	.38252	.0004497	.0002900	.0006633	.17505
%RSD	2.307308	.2223322	.4028324	.4781081	.3686084	.5484958	.1845116

#1	.0045638	.0133435	94.51813	.0945567	.0789741	.1203941	94.68248
#2	.0043951	.0133209	95.15236	.0939185	.0783962	.1216710	94.90939
#3	.0045853	.0132848	95.20577	.0936888	.0786424	.1207212	95.02683

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.234014	24.87971	.1076726	-.001869	.4792582	.1521907	.8509610
Stddev	.036212	.11884	.0001777	.000294	.1689274	.0037160	.0067322
%RSD	.5808712	.4776620	.1650084	15.71126	35.24769	2.441646	.7911293

#1	6.200053	24.83532	.1078069	-.001905	.4241732	.1491839	.8439601
#2	6.229870	24.78946	.1077398	-.001559	.6688523	.1510431	.8515352
#3	6.272120	25.01436	.1074712	-.002143	.3447492	.1563451	.8573877

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.248204	2.886892	-.252942	.0013198	4.992257	11.84115	.0070693
Stddev	.026184	.010282	.000637	.0002359	.013875	.03290	.0010897
%RSD	.8060938	.3561662	.2518059	17.87272	.2779246	.2778757	15.41409

#1	3.219299	2.898721	-.253156	.0010924	5.008192	11.83730	.0071949
#2	3.270334	2.880089	-.253443	.0013035	4.982847	11.81034	.0059222
#3	3.254980	2.881867	-.252225	.0015633	4.985733	11.87581	.0080907

Sample Name: I3075-10 Acquired: 5/16/2017 14:37:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0M7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6827763	.0251815	.0909460
Stddev	.0047078	.0004200	.0002236
%RSD	.6895020	1.668042	.2458993

#1	.6796399	.0247098	.0908419
#2	.6881897	.0255153	.0912027
#3	.6804993	.0253193	.0907934

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1851.350	2780.897	57906.97	4837.725	3258.438
Stddev	8.897	4.622	145.72	14.232	7.119
%RSD	.4805760	.1661918	.2516478	.2941783	.2184666

#1	1861.324	2776.703	57969.93	4837.924	3250.268
#2	1844.230	2780.136	58010.63	4851.855	3263.305
#3	1848.496	2785.852	57740.36	4823.394	3261.741

Sample Name: I3075-11 Acquired: 5/16/2017 14:41:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0M8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0445963	-.010783	3.021078	-.019736	.0025526	49.56883	2.137104
Stddev	.0013481	.001039	.008425	.003261	.0010159	.02991	.000992
%RSD	3.022857	9.631412	.2788674	16.52255	39.79753	.0603467	.0464144

#1	.0454736	-.009737	3.026367	-.018536	.0014308	49.56901	2.138195
#2	.0430440	-.011814	3.025504	-.017246	.0034105	49.53883	2.136256
#3	.0452712	-.010798	3.011362	-.023427	.0028164	49.59866	2.136861

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055048	.0183932	153.2545	.0865169	.1059056	.1672740	107.6130
Stddev	.0000888	.0001363	.6789	.0002625	.0006141	.0021317	.5406
%RSD	1.612168	.7412463	.4430200	.3034340	.5798800	1.274398	.5023644

#1	.0055838	.0183746	154.0319	.0863838	.1058993	.1685603	108.2338
#2	.0054088	.0182671	152.7780	.0868194	.1065229	.1684484	107.2459
#3	.0055218	.0185379	152.9537	.0863477	.1052947	.1648133	107.3594

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.470430	39.25495	.1457576	-.002191	.5960361	.1569094	1.037885
Stddev	.030497	.15540	.0006421	.000108	.0388681	.0018697	.007559
%RSD	.3600378	.3958755	.4405597	4.920943	6.521091	1.191591	.7283203

#1	8.501019	39.42242	.1450164	-.002095	.6401818	.1586821	1.046563
#2	8.470245	39.11541	.1461090	-.002308	.5809701	.1549558	1.032740
#3	8.440026	39.22702	.1461472	-.002169	.5669564	.1570903	1.034350

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.087789	3.801845	-.293145	.0016194	7.814955	4.206666	.0074386
Stddev	.020948	.010541	.000813	.0000911	.017805	.018342	.0007482
%RSD	.5124484	.2772726	.2774973	5.627747	.2278374	.4360320	10.05885

#1	4.084392	3.813365	-.293905	.0015185	7.823515	4.227729	.0067445
#2	4.068748	3.792680	-.293244	.0016958	7.826864	4.198056	.0082312
#3	4.110228	3.799489	-.292287	.0016439	7.794487	4.194212	.0073399

Sample Name: I3075-11 Acquired: 5/16/2017 14:41:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0M8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6252366	.0306124	.1344580
Stddev	.0009756	.0007683	.0003330
%RSD	.1560431	2.509736	.2476446

#1	.6242847	.0309504	.1348224
#2	.6251907	.0311538	.1341695
#3	.6262344	.0297331	.1343821

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1855.610	2800.914	58470.38	4881.184	3113.943
Stddev	2.623	4.436	141.21	18.555	2.685
%RSD	.1413328	.1583672	.2415007	.3801289	.0862272

#1	1852.781	2805.989	58321.95	4860.256	3116.847
#2	1857.960	2798.977	58603.04	4895.621	3111.551
#3	1856.089	2797.777	58486.15	4887.676	3113.431

Sample Name: I3075-12 Acquired: 5/16/2017 14:45:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0M9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0532221	-.012532	4.568136	-.030119	.0020918	74.04016	3.742330
Stddev	.0021083	.001597	.018568	.001340	.0017780	.02350	.019238
%RSD	3.961409	12.74035	.4064716	4.448778	85.00075	.0317366	.5140521

#1	.0528659	-.014356	4.572459	-.030386	.0040632	74.01728	3.728305
#2	.0554858	-.011853	4.547787	-.028666	.0016025	74.03898	3.764261
#3	.0513145	-.011387	4.584160	-.031306	.0006096	74.06423	3.734426

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070501	.0252966	184.2052	.1085661	.1351027	.2114423	138.9609
Stddev	.0001311	.0002958	.0884	.0009406	.0005499	.0015671	.2652
%RSD	1.858977	1.169113	.0479714	.8664007	.4070055	.7411232	.1908413

#1	.0070546	.0253174	184.1991	.1086599	.1350311	.2129483	138.6603
#2	.0071788	.0249910	184.1201	.1094563	.1345921	.2115578	139.0607
#3	.0069168	.0255814	184.2965	.1075821	.1356848	.2098206	139.1617

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.58051	58.91718	.1963995	-.002691	.9755885	.2060447	1.481066
Stddev	.00755	.22976	.0006930	.000275	.0272345	.0039739	.029228
%RSD	.0713913	.3899659	.3528552	10.22059	2.791595	1.928672	1.973442

#1	10.58872	58.84457	.1969991	-.002422	.9473868	.2089558	1.511496
#2	10.57386	58.73251	.1956408	-.002680	1.001740	.2076610	1.478492
#3	10.57895	59.17447	.1965587	-.002971	.977639	.2015173	1.453211

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.920160	4.663559	-.381543	.0021250	10.20523	3.831397	.0095221
Stddev	.010994	.032044	.001602	.0003233	.06979	.005167	.0007068
%RSD	.1588632	.6871221	.4197741	15.21272	.6838939	.1348512	7.422224

#1	6.931839	4.682196	-.380926	.0024335	10.25163	3.825680	.0094686
#2	6.910013	4.626557	-.380342	.0017888	10.12497	3.835734	.0102541
#3	6.918628	4.681922	-.383361	.0021529	10.23910	3.832777	.0088436

Sample Name: I3075-12 Acquired: 5/16/2017 14:45:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0M9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6924921	.0491967	.1659229
Stddev	.0009052	.0000960	.0003323
%RSD	.1307124	.1951157	.2002453

#1	.6914550	.0493075	.1657034
#2	.6928982	.0491384	.1663051
#3	.6931231	.0491443	.1657601

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1872.753	2828.154	59171.00	4989.751	3014.715
Stddev	13.944	1.737	163.63	9.662	7.348
%RSD	.7445788	.0614228	.2765401	.1936306	.2437238

#1	1856.782	2827.193	59064.72	4978.871	3011.418
#2	1878.969	2830.159	59088.85	4993.052	3023.133
#3	1882.508	2827.110	59359.43	4997.329	3009.593

Sample Name: I3075-13 Acquired: 5/16/2017 14:49:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0N0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0226464	-.001982	1.447638	-.008482	-.000013	15.56346	.6762615
Stddev	.0029573	.000338	.003526	.002777	.001998	.01340	.0013237
%RSD	13.05873	17.06196	.2435497	32.74403	14925.33	.0860766	.1957347

#1	.0200536	-.001619	1.443847	-.005475	-.002243	15.54819	.6774488
#2	.0258673	-.002289	1.450818	-.009018	.001613	15.57325	.6748343
#3	.0220183	-.002037	1.448250	-.010951	.000590	15.56894	.6765015

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021770	.0076197	19.26904	.0698745	.0349972	.0569932	53.93028
Stddev	.0000299	.0001022	.07123	.0005710	.0004552	.0020706	.21394
%RSD	1.372861	1.340883	.3696367	.8171250	1.300733	3.633077	.3966931

#1	.0021452	.0075616	19.22185	.0692191	.0346984	.0593104	53.78544
#2	.0021812	.0077377	19.23431	.0702637	.0347722	.0563447	53.82938
#3	.0022045	.0075597	19.35097	.0701408	.0355212	.0553244	54.17600

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.156586	6.964453	.0428937	-.000876	.1381014	.0970208	.5953513
Stddev	.004270	.057613	.0001175	.000214	.2072379	.0025804	.0232431
%RSD	.1980169	.8272477	.2739732	24.45309	150.0622	2.659655	3.904095

#1	2.151836	6.899279	.0428131	-.001034	.2473804	.0948050	.6217190
#2	2.160106	7.008597	.0430285	-.000962	.2678286	.0964034	.5778315
#3	2.157817	6.985482	.0428395	-.000632	-.100905	.0998538	.5865036

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5953879	1.203071	-.147483	.0003591	1.708116	2.076142	.0049235
Stddev	.0307628	.003150	.001006	.0003376	.012424	.003384	.0004254
%RSD	5.166846	.2617915	.6818840	94.01087	.7273546	.1630130	8.639160

#1	.5680829	1.205799	-.148150	.0005700	1.694857	2.072914	.0047205
#2	.6287172	1.199624	-.146327	-.000030	1.719490	2.079663	.0054123
#3	.5893636	1.203790	-.147974	.000538	1.710001	2.075850	.0046377

Sample Name: I3075-13 Acquired: 5/16/2017 14:49:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0N0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4011574	.0072548	.0220943
Stddev	.0025212	.0007467	.0001526
%RSD	.6284891	10.29233	.6904975

#1	.4014295	.0073868	.0222378
#2	.3985111	.0064510	.0221109
#3	.4035315	.0079267	.0219341

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1795.486	2708.037	56524.08	4567.079	3561.370
Stddev	5.483	.777	117.72	11.067	1.833
%RSD	.3053543	.0287059	.2082576	.2423256	.0514725

#1	1790.634	2707.152	56630.87	4566.336	3560.035
#2	1794.390	2708.346	56397.86	4556.402	3560.615
#3	1801.434	2708.612	56543.51	4578.499	3563.460

Sample Name: I3075-14 Acquired: 5/16/2017 14:53:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0N0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0185856	-.003013	1.441894	-.008678	.0000881	15.50339	.6702152
Stddev	.0010057	.000863	.002944	.002445	.0010177	.06510	.0018717
%RSD	5.410937	28.64566	.2041917	28.17179	1155.604	.4198938	.2792677

#1	.0195773	-.002052	1.442100	-.009939	.0008165	15.53000	.6722941
#2	.0186128	-.003721	1.438852	-.010235	-.001075	15.55096	.6696874
#3	.0175666	-.003267	1.444729	-.005860	.000522	15.42920	.6686640

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022819	.0076895	19.14935	.0693829	.0345290	.0560321	53.69918
Stddev	.0000916	.0001112	.12925	.0003892	.0000514	.0012805	.09845
%RSD	4.014979	1.445617	.6749532	.5609638	.1488606	2.285236	.1833384

#1	.0022657	.0076368	19.29409	.0695134	.0344782	.0556588	53.80677
#2	.0023805	.0076144	19.10851	.0696901	.0345279	.0574577	53.67718
#3	.0021994	.0078172	19.04546	.0689452	.0345809	.0549798	53.61359

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.144419	6.970831	.0430309	-.000961	.1145601	.0979341	.5964706
Stddev	.008094	.013175	.0002988	.000198	.1642199	.0051092	.0074609
%RSD	.3774370	.1890032	.6944731	20.58245	143.3483	5.216999	1.250836

#1	2.153749	6.958323	.0432352	-.000747	.1653562	.1018407	.5977590
#2	2.140237	6.984584	.0431695	-.001138	.2473802	.0998093	.6032033
#3	2.139273	6.969587	.0426879	-.000998	-.069056	.0921522	.5884493

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6240883	1.195948	-.148916	.0003726	1.692826	2.067998	.0057012
Stddev	.0464701	.003987	.001428	.0000277	.010131	.004277	.0005901
%RSD	7.446072	.3333500	.9592438	7.424149	.5984409	.2068161	10.34996

#1	.6773933	1.198273	-.149643	.0003988	1.704246	2.072712	.0061569
#2	.5921065	1.198228	-.147270	.0003437	1.689308	2.066919	.0050347
#3	.6027652	1.191345	-.149835	.0003753	1.684923	2.064364	.0059121

Sample Name: I3075-14 Acquired: 5/16/2017 14:53:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0N0D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3993107	.0056307	.0219787
Stddev	.0019314	.0007376	.0000783
%RSD	.4836850	13.09986	.3561753

#1	.3971093	.0050142	.0220683
#2	.4001023	.0054300	.0219234
#3	.4007206	.0064479	.0219445

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1793.529	2705.663	56603.17	4580.693	3559.130
Stddev	9.226	1.370	186.70	24.680	6.379
%RSD	.5143899	.0506167	.3298322	.5387821	.1792354

#1	1799.450	2707.186	56495.18	4557.565	3552.543
#2	1782.899	2705.269	56495.58	4577.836	3559.565
#3	1798.236	2704.533	56818.75	4606.676	3565.280

Sample Name: CCV017 Acquired: 5/16/2017 14:57:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	4.918734	4.693553	23.74769	4.839212	4.891705	405.0776
Stddev	.007536	.003949	.04605	.013869	.008441	.9914
%RSD	.1532179	.0841371	.1939191	.2865862	.1725581	.2447361

#1	4.914479	4.695455	23.77653	4.855115	4.899396	404.4888
#2	4.914288	4.696191	23.77195	4.829626	4.893045	406.2222
#3	4.927436	4.689013	23.69458	4.832897	4.882674	404.5218

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.740140	.4842443	2.369890	383.9030	14.48856	2.394173
Stddev	.024334	.0037936	.001391	1.1959	.05895	.005866
%RSD	.2498360	.7833978	.0586956	.3115005	.4068762	.2450199

#1	9.712959	.4819008	2.369097	382.5265	14.44204	2.400944
#2	9.759900	.4886211	2.371497	384.4955	14.55485	2.390934
#3	9.747560	.4822110	2.369077	384.6868	14.46877	2.390640

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.76975	380.3108	13.85152	380.4488	2.378133	1.211105
Stddev	.03277	2.0117	.02841	1.0134	.006227	.004024
%RSD	.2218820	.5289557	.2051110	.2663726	.2618603	.3322207

#1	14.74017	378.1175	13.82772	379.3457	2.373388	1.207014
#2	14.80498	382.0699	13.84386	381.3386	2.385184	1.211243
#3	14.76411	380.7451	13.88297	380.6620	2.375825	1.215058

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	405.0558	2.368122	13.58296	152.6528	5.039170	F 4.102068
Stddev	1.3452	.010104	.18396	.4983	.007579	.027021
%RSD	.3320915	.4266801	1.354309	.3264486	.1504008	.6587114

#1	404.8117	2.361208	13.51420	152.4842	5.039005	4.075647
#2	406.5062	2.363439	13.44330	153.2136	5.046830	4.129651
#3	403.8493	2.379718	13.79140	152.2607	5.031674	4.100904

Sample Name: CCV017 Acquired: 5/16/2017 14:57:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	4.817000	4.326038	4.904238	4.755085	4.877684	5.087798
Stddev	.002043	.045758	.038907	.002746	.015231	.009281
%RSD	.0424039	1.057746	.7933247	.0577418	.3122629	.1824084

#1	4.817041	4.378728	4.880385	4.754868	4.870770	5.088650
#2	4.814938	4.296279	4.949134	4.757933	4.895146	5.096624
#3	4.819022	4.303106	4.883196	4.752454	4.867136	5.078122

Elem	Sr4077
Units	ppm
Avg	4.971203
Stddev	.013331
%RSD	.2681556

#1	4.958696
#2	4.985227
#3	4.969686

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1425.211	2145.971	45751.14	4009.930	2424.424
Stddev	8.121	3.741	63.30	16.806	8.787
%RSD	.5698165	.1743185	.1383551	.4191091	.3624424

#1	1420.294	2142.425	45814.28	4011.992	2418.181
#2	1434.584	2145.609	45751.45	3992.188	2420.618
#3	1420.754	2149.880	45687.69	4025.609	2434.472

Sample Name: CCB017 Acquired: 5/16/2017 15:01:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	-.000020	.0016131	.0003921	.0014849	-.001094	.0054908	-.002855
Stddev	.001268	.0017023	.0003938	.0012089	.000430	.0019858	.000334
%RSD	6248.377	105.5320	100.4346	81.41817	39.33479	36.16564	11.68179

#1	.001349	.0000074	.0006892	.0002308	-.001327	.0071084	-.003139
#2	-.000256	.0014339	-.000055	.0026430	-.000597	.0060894	-.002938
#3	-.001155	.0033979	.000542	.0015807	-.001357	.0032746	-.002488

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000614	-.000052	.0197040	.0000728	-.000021	.0005373	.0018463
Stddev	.0000125	.000017	.0091038	.0002919	.000136	.0023553	.0032745
%RSD	20.44792	32.16746	46.20262	401.1263	656.7418	438.3417	177.3525

#1	.0000537	-.000033	.0302125	.0003777	-.000144	.0032545	.0022696
#2	.0000545	-.000066	.0146868	-.000204	.000125	-.000920	-.001619
#3	.0000758	-.000056	.0142126	.000045	-.000043	-.000723	.004889

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005882	.0100108	.0000316	.0004155	-.076670	-.001794	-.005779
Stddev	.0009731	.0602880	.0002491	.0002457	.097341	.002199	.013709
%RSD	165.4405	602.2280	788.0755	59.11979	126.9601	122.5906	237.2157

#1	.0016953	-.036987	-.000246	.0006990	.028343	-.000141	-.016580
#2	.0002009	.077985	.000235	.0002640	-.094474	-.004289	.009643
#3	-.000132	-.010965	.000106	.0002837	-.163881	-.000951	-.010400

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.057322	-.000325	.0041287	.0002567	-.036976	-.001119	.0001510
Stddev	.029707	.001087	.0003083	.0001539	.008664	.000189	.0006209
%RSD	51.82471	334.4055	7.467501	59.93295	23.43040	16.92616	411.0927

#1	-.025195	.000292	.0043502	.0004086	-.045132	-.000954	.0003557
#2	-.062974	-.001581	.0042592	.0002607	-.037914	-.001326	-.000546
#3	-.083797	.000313	.0037766	.0001009	-.027881	-.001077	.000644

Sample Name: CCB017 Acquired: 5/16/2017 15:01:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	.0003780	-.000161	.0000768
Stddev	.0008850	.000514	.0000268
%RSD	234.1226	319.5818	34.90644

#1	.0013203	.000185	.0001022
#2	.0002493	-.000751	.0000795
#3	-.000436	.000084	.0000488

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1745.207	2648.316	54447.82	4270.149	3743.921
Stddev	2.696	15.588	121.05	41.889	15.692
%RSD	.1544972	.5886184	.2223188	.9809775	.4191232

#1	1744.681	2631.096	54415.95	4242.478	3729.091
#2	1742.813	2661.465	54345.90	4249.627	3760.352
#3	1748.128	2652.386	54581.62	4318.342	3742.321

Sample Name: I3075-15 Acquired: 5/16/2017 15:05:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0N0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0913754	.1221727	1.463752	.0771786	.1082509	20.16636	4.564433
Stddev	.0040014	.0020408	.008604	.0052249	.0011656	.03123	.013702
%RSD	4.379110	1.670446	.5878182	6.769888	1.076784	.1548783	.3001798

#1	.0957073	.1224456	1.470597	.0826399	.1093895	20.19837	4.578340
#2	.0906012	.1240634	1.466567	.0766685	.1083030	20.13597	4.564012
#3	.0878176	.1200092	1.454093	.0722275	.1070600	20.16474	4.550947

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0943782	.0934512	18.03023	.4707455	.9452783	.5423615	56.77112
Stddev	.0003395	.0004838	.06187	.0021060	.0039361	.0045238	.03238
%RSD	.3597130	.5176981	.3431264	.4473778	.4164001	.8340924	.0570309

#1	.0946456	.0939049	18.10041	.4699860	.9488921	.5475697	56.73396
#2	.0939963	.0935065	18.00668	.4731259	.9458587	.5394103	56.78612
#3	.0944929	.0929421	17.98360	.4691246	.9410842	.5401044	56.79328

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.024818	6.250081	.9643704	.0378934	.3710938	1.097476	1.455236
Stddev	.010004	.033334	.0032952	.0002735	.1397644	.007904	.018360
%RSD	.3307318	.5333425	.3416967	.7217565	37.66281	.7201965	1.261659

#1	3.032460	6.211693	.9676905	.0379978	.4837402	1.106599	1.434226
#2	3.028500	6.271712	.9643203	.0380993	.4148564	1.092681	1.468196
#3	3.013495	6.266837	.9611006	.0375831	.2146848	1.093149	1.463286

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7144974	1.142300	-.151453	.0005275	2.017535	2.051202	.0062880
Stddev	.0416351	.001261	.002647	.0001505	.009344	.008393	.0006602
%RSD	5.827190	.1103697	1.747511	28.53792	.4631377	.4091606	10.49982

#1	.7244263	1.143596	-.152555	.0003562	2.020865	2.060639	.0068277
#2	.7502705	1.142226	-.153370	.0005876	2.006983	2.048392	.0064844
#3	.6687954	1.141078	-.148433	.0006387	2.024758	2.044574	.0055518

Sample Name: I3075-15 Acquired: 5/16/2017 15:05:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA0N0S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4078604	.0080043	.0234712
Stddev	.0006916	.0002173	.0000477
%RSD	.1695587	2.714293	.2032953

#1	.4085514	.0077794	.0234502
#2	.4071683	.0080204	.0235258
#3	.4078616	.0082130	.0234375

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1791.492	2703.101	56593.59	4564.200	3548.579
Stddev	5.741	12.480	244.47	12.089	19.957
%RSD	.3204704	.4616778	.4319714	.2648650	.5623822

#1	1785.059	2692.368	56434.67	4550.322	3534.490
#2	1793.323	2700.140	56471.01	4572.444	3539.832
#3	1796.095	2716.794	56875.10	4569.833	3571.416

Sample Name: I3075-13LX5 Acquired: 5/16/2017 15:09:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0N0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074961	.0005987	.2946072	-.002617	-.000969	3.139055	.1347401
Stddev	.0010212	.0003142	.0005782	.001643	.001003	.017871	.0004005
%RSD	13.62333	52.48330	.1962485	62.76606	103.5580	.5693233	.2972657

#1	.0075608	.0008000	.2950614	-.000723	-.001846	3.140834	.1346875
#2	.0064440	.0002366	.2939563	-.003643	.000125	3.155971	.1351643
#3	.0084834	.0007595	.2948037	-.003486	-.001186	3.120361	.1343684

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004925	.0014206	3.918340	.0139060	.0067367	.0100416	11.02902
Stddev	.0000343	.0000860	.043589	.0003227	.0002302	.0010625	.08625
%RSD	6.967940	6.053167	1.112436	2.320565	3.416531	10.58141	.7819967

#1	.0005191	.0014933	3.935377	.0142490	.0064724	.0108492	11.05983
#2	.0005046	.0013257	3.950837	.0136084	.0068935	.0104378	11.09563
#3	.0004538	.0014428	3.868805	.0138606	.0068441	.0088379	10.93160

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4428770	1.427250	.0086868	-.000161	.0947760	.0221420	.1183498
Stddev	.0028134	.040848	.0001891	.000220	.1061088	.0015532	.0128002
%RSD	.6352474	2.861997	2.177325	137.0981	111.9574	7.014951	10.81558

#1	.4451832	1.471292	.0084690	-.000073	.1311391	.0221343	.1318913
#2	.4437054	1.390608	.0087818	.000003	-.024734	.0236990	.1064491
#3	.4397425	1.419851	.0088097	-.000411	.177923	.0205926	.1167090

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0696799	.2381752	-.033433	.0000431	.3119534	.4344147	.0008867
Stddev	.0140355	.0021963	.001179	.0001358	.0104672	.0041760	.0004199
%RSD	20.14282	.9221509	3.526127	315.1330	3.355387	.9612876	47.36272

#1	.0536086	.2401290	-.034098	-.000103	.3240037	.4377826	.0013706
#2	.0759046	.2357980	-.034129	.000165	.3051183	.4357193	.0006708
#3	.0795266	.2385986	-.032072	.000067	.3067381	.4297421	.0006185

Sample Name: I3075-13LX5 Acquired: 5/16/2017 15:09:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA0N0L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0803003	.0014846	.0044288
Stddev	.0019613	.0010370	.0000785
%RSD	2.442437	69.84961	1.772748

#1	.0796323	.0009467	.0044623
#2	.0825083	.0026801	.0044851
#3	.0787603	.0008271	.0043391

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1777.344	2712.010	55545.66	4448.376	3735.829
Stddev	13.029	10.495	624.56	45.052	6.905
%RSD	.7330785	.3869935	1.124408	1.012768	.1848229

#1	1763.831	2699.903	54844.25	4410.689	3727.936
#2	1778.374	2717.581	56041.60	4436.165	3740.751
#3	1789.828	2718.544	55751.12	4498.275	3738.799

Sample Name: I3075-16 Acquired: 5/16/2017 15:13:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0N1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0181793	-.004296	1.305632	-.007558	-.001702	15.82306	.6445747
Stddev	.0012729	.000625	.001917	.000728	.000029	.02285	.0016445
%RSD	7.002071	14.55932	.1468586	9.633565	1.716722	.1444244	.2551327

#1	.0188695	-.003670	1.304503	-.006938	-.001718	15.84241	.6456483
#2	.0167103	-.004921	1.304548	-.008360	-.001668	15.82892	.6453943
#3	.0189580	-.004297	1.307846	-.007376	-.001719	15.79785	.6426814

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018286	.0064807	19.31741	.0521760	.0290691	.0544601	43.62516
Stddev	.0000174	.0000521	.11720	.0003247	.0001341	.0015761	.04892
%RSD	.9536448	.8044423	.6066904	.6223669	.4612239	2.893967	.1121419

#1	.0018085	.0064298	19.23707	.0518023	.0290353	.0534128	43.57157
#2	.0018372	.0065340	19.26326	.0523365	.0289551	.0562727	43.66742
#3	.0018401	.0064782	19.45189	.0523892	.0292168	.0536948	43.63649

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.899877	7.201881	.0399431	-.000297	.0394364	.0719439	.5066535
Stddev	.006494	.060863	.0004714	.000153	.0873587	.0039099	.0154152
%RSD	.3417949	.8450962	1.180080	51.53093	221.5182	5.434692	3.042554

#1	1.907371	7.248398	.0400092	-.000121	.0896792	.0699789	.4889526
#2	1.896327	7.133000	.0403780	-.000377	.0900664	.0764466	.5171278
#3	1.895931	7.224246	.0394422	-.000393	-.061437	.0694063	.5138801

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7042038	.9779475	-.117196	.0003398	1.655888	2.103683	.0059140
Stddev	.0190662	.0031992	.000372	.0000862	.025525	.009949	.0001200
%RSD	2.707489	.3271343	.3171856	25.35990	1.541474	.4729136	2.028700

#1	.6822332	.9771881	-.117082	.0002684	1.682579	2.102752	.0058143
#2	.7139671	.9814580	-.116894	.0003154	1.653371	2.094233	.0060471
#3	.7164109	.9751963	-.117611	.0004355	1.631715	2.114065	.0058806

Sample Name: I3075-16 Acquired: 5/16/2017 15:13:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0N1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3736287	.0071722	.0223434
Stddev	.0004214	.0006664	.0001367
%RSD	.1127828	9.291585	.6117447

#1	.3735279	.0077701	.0224417
#2	.3740914	.0072927	.0221873
#3	.3732669	.0064538	.0224012

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1777.864	2682.190	56254.57	4569.337	3546.584
Stddev	7.657	13.775	160.29	12.569	10.938
%RSD	.4306600	.5135867	.2849421	.2750675	.3084007

#1	1769.311	2668.114	56071.16	4554.825	3535.720
#2	1780.202	2682.812	56367.81	4576.708	3546.438
#3	1784.080	2695.644	56324.74	4576.479	3557.594

Sample Name: I3075-17 Acquired: 5/16/2017 15:17:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0N2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0502088	-.012032	6.923875	-.027541	.0021142	64.99005	4.830083
Stddev	.0026532	.001655	.020299	.001607	.0006067	.42445	.040765
%RSD	5.284305	13.75606	.2931735	5.834004	28.69753	.6530930	.8439855

#1	.0522767	-.010126	6.945760	-.029397	.0027691	64.51145	4.788450
#2	.0511325	-.012860	6.905664	-.026609	.0020021	65.32081	4.869921
#3	.0472172	-.013109	6.920201	-.026618	.0015713	65.13788	4.831879

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069234	.0336715	145.2339	.1618785	.1360743	.2471216	137.2588
Stddev	.0001652	.0000662	.4841	.0015450	.0004529	.0042023	.4068
%RSD	2.385416	.1964792	.3333318	.9543866	.3328303	1.700476	.2963800

#1	.0069454	.0336541	144.7749	.1611292	.1361725	.2427217	136.7893
#2	.0067483	.0336158	145.1871	.1608511	.1355803	.2475498	137.4809
#3	.0070764	.0337446	145.7398	.1636552	.1364700	.2510934	137.5063

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.769940	63.36565	.2230110	-.002491	1.064510	.1935719	1.986717
Stddev	.014495	.14865	.0008946	.000106	.067052	.0080171	.024890
%RSD	.1483587	.2345975	.4011353	4.259556	6.298864	4.141650	1.252823

#1	9.760401	63.19972	.2225792	-.002432	1.067471	.1869127	1.958453
#2	9.762800	63.48668	.2224142	-.002427	1.130033	.2024706	1.996335
#3	9.786620	63.41054	.2240396	-.002613	.996027	.1913323	2.005363

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.416379	4.438891	-.375569	.0023829	11.40553	3.191455	.0103452
Stddev	.052722	.013999	.002049	.0003513	.02463	.008314	.0011244
%RSD	.8216769	.3153780	.5454502	14.74302	.2159554	.2604933	10.86842

#1	6.362346	4.438693	-.376629	.0020932	11.42403	3.182148	.0103139
#2	6.419109	4.452989	-.373208	.0027737	11.41499	3.194074	.0114849
#3	6.467684	4.424993	-.376870	.0022818	11.37758	3.198145	.0092368

Sample Name: I3075-17 Acquired: 5/16/2017 15:17:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA0N2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6040477	.0419505	.1298728
Stddev	.0023695	.0002905	.0006768
%RSD	.3922641	.6925764	.5211177

#1	.6013597	.0421320	.1291159
#2	.6058334	.0416154	.1304198
#3	.6049502	.0421040	.1300827

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1850.757	2782.110	58114.47	4909.063	3055.918
Stddev	11.274	10.728	121.52	19.725	8.226
%RSD	.6091538	.3856013	.2091023	.4018080	.2691829

#1	1856.844	2781.117	58221.57	4909.963	3052.222
#2	1857.679	2771.913	58139.45	4928.322	3050.188
#3	1837.747	2793.299	57982.41	4888.903	3065.343

Sample Name: I3075-18 Acquired: 5/16/2017 15:21:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0N3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0328756	-.004488	.8995557	-.012839	-.000184	19.47873	.6525672
Stddev	.0038799	.001707	.0027438	.000618	.000479	.00519	.0021895
%RSD	11.80183	38.04356	.3050199	4.816197	259.6589	.0266373	.3355157

#1	.0333874	-.006422	.8973754	-.012825	.000294	19.47445	.6502904
#2	.0364742	-.003852	.9026367	-.012228	-.000664	19.48450	.6527538
#3	.0287652	-.003190	.8986552	-.013464	-.000183	19.47724	.6546574

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028925	.0062945	37.48130	.0880267	.0445538	.0623388	71.17793
Stddev	.0000844	.0000700	.07400	.0001734	.0000688	.0012302	.17820
%RSD	2.919030	1.111992	.1974311	.1969935	.1544432	1.973474	.2503587

#1	.0029701	.0062531	37.39641	.0878306	.0445039	.0636686	70.97797
#2	.0029047	.0062551	37.53222	.0881599	.0446323	.0612413	71.23586
#3	.0028026	.0063753	37.51526	.0880895	.0445253	.0621064	71.31996

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.824791	9.694849	.0599782	-.001459	.3578061	.1160911	.5088785
Stddev	.004242	.067469	.0003127	.000226	.0721781	.0019459	.0251981
%RSD	.1501562	.6959227	.5213042	15.45999	20.17241	1.676151	4.951691

#1	2.821121	9.666433	.0603164	-.001234	.2813232	.1181760	.5068278
#2	2.823818	9.771878	.0599185	-.001686	.4247260	.1143232	.4847684
#3	2.829435	9.646237	.0596996	-.001458	.3673690	.1157742	.5350393

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9830776	1.713000	-.194025	.0009142	2.110849	8.553002	.0058311
Stddev	.0323068	.004844	.001983	.0004507	.004012	.057266	.0007521
%RSD	3.286291	.2827540	1.022249	49.29671	.1900644	.6695383	12.89888

#1	.9626457	1.710339	-.194126	.0004451	2.106464	8.617580	.0064692
#2	1.020324	1.718591	-.195955	.0009536	2.114336	8.533030	.0060222
#3	.966263	1.710070	-.191992	.0013439	2.111746	8.508398	.0050018

Sample Name: I3075-18 Acquired: 5/16/2017 15:21:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0N3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5144505	.0097559	.0377171
Stddev	.0003830	.0001294	.0000746
%RSD	.0744546	1.326472	.1978363

#1	.5146381	.0099040	.0376645
#2	.5147036	.0096643	.0376844
#3	.5140098	.0096996	.0378025

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1789.065	2686.135	56247.75	4567.751	3426.544
Stddev	3.422	8.312	161.36	12.281	6.332
%RSD	.1912947	.3094335	.2868750	.2688608	.1847937

#1	1788.885	2676.893	56259.12	4554.171	3419.951
#2	1785.736	2692.998	56081.00	4571.004	3427.104
#3	1792.573	2688.515	56403.12	4578.078	3432.578

Sample Name: I3075-19 Acquired: 5/16/2017 15:25:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0N4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0260092	-.003427	1.055452	-.011638	.0000969	23.17654	1.034763
Stddev	.0023427	.001669	.004640	.001123	.0004802	.10027	.004871
%RSD	9.007085	48.70538	.4395881	9.653319	495.7197	.4326386	.4707751

#1	.0261899	-.005003	1.052799	-.012385	-.000382	23.08492	1.029154
#2	.0235814	-.001678	1.052746	-.012183	.000578	23.16105	1.037207
#3	.0282563	-.003600	1.060809	-.010346	.000095	23.28366	1.037929

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027999	.0067387	79.15511	.0610062	.0461820	.0765515	61.12203
Stddev	.0000832	.0000966	.49153	.0003960	.0004388	.0023104	.36930
%RSD	2.971137	1.432820	.6209667	.6490399	.9500771	3.018092	.6042014

#1	.0027483	.0067395	78.62923	.0609619	.0457807	.0751043	60.70273
#2	.0028959	.0066418	79.23315	.0606342	.0461150	.0792160	61.26441
#3	.0027556	.0068349	79.60295	.0614224	.0466505	.0753342	61.39895

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.302338	20.35998	.0719232	-.000991	.3529386	.0951057	.4704758
Stddev	.016761	.15285	.0005271	.000356	.0783537	.0022140	.0189265
%RSD	.5075492	.7507309	.7328513	35.96332	22.20038	2.327979	4.022851

#1	3.283973	20.19854	.0720226	-.000899	.2647214	.0930033	.4888403
#2	3.306232	20.37894	.0713535	-.001384	.4144427	.0948972	.4715540
#3	3.316810	20.50247	.0723936	-.000689	.3796515	.0974166	.4510333

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.474537	2.083531	-.162658	.0011775	3.495772	10.42186	.0048668
Stddev	.027152	.013086	.001324	.0002010	.018294	.07083	.0016403
%RSD	1.841406	.6280459	.8140838	17.06924	.5233221	.6796214	33.70478

#1	1.456023	2.084361	-.161181	.0011916	3.512647	10.38988	.0060435
#2	1.505707	2.070049	-.163052	.0009699	3.476329	10.37266	.0029930
#3	1.461882	2.096181	-.163740	.0013711	3.498339	10.50304	.0055638

Sample Name: I3075-19 Acquired: 5/16/2017 15:25:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0N4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4865180	.0130128	.0719488
Stddev	.0020856	.0005424	.0002723
%RSD	.4286809	4.168490	.3784051

#1	.4858523	.0134931	.0716795
#2	.4848466	.0131207	.0719430
#3	.4888552	.0124245	.0722239

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1764.542	2657.849	55651.27	4604.138	3284.006
Stddev	3.709	4.959	86.88	22.732	13.929
%RSD	.2102125	.1865911	.1561211	.4937402	.4241461

#1	1765.176	2663.568	55566.67	4613.853	3291.886
#2	1760.556	2655.239	55646.86	4620.398	3292.209
#3	1767.893	2654.739	55740.27	4578.162	3267.924

Sample Name: I3075-20 Acquired: 5/16/2017 15:30:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0N5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0282256	-.005700	1.214999	-.012821	-.000649	27.85645	1.361206
Stddev	.0041058	.002004	.002259	.003976	.000979	.52843	.027312
%RSD	14.54642	35.15102	.1859165	31.01393	150.8885	1.896984	2.006481

#1	.0315055	-.006767	1.213449	-.014300	-.000549	27.73694	1.356637
#2	.0295503	-.006945	1.217591	-.015846	-.001673	27.39801	1.336467
#3	.0236210	-.003389	1.213957	-.008317	.000276	28.43440	1.390515

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031221	.0080702	94.25788	.0669121	.0538966	.0862220	67.15037
Stddev	.0000970	.0000102	2.11225	.0004183	.0002575	.0019658	1.27198
%RSD	3.106173	.1260573	2.240930	.6252156	.4776872	2.279922	1.894230

#1	.0030904	.0080588	93.94739	.0670341	.0541470	.0854800	66.92588
#2	.0030449	.0080784	92.31806	.0672559	.0539101	.0847352	66.00558
#3	.0032310	.0080734	96.50820	.0664463	.0536326	.0884508	68.51965

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.666805	25.21101	.0840281	-.000992	.3731975	.1018402	.5319664
Stddev	.083464	.55734	.0005908	.000169	.0576830	.0063235	.0080432
%RSD	2.276207	2.210681	.7031520	17.04930	15.45642	6.209272	1.511980

#1	3.641677	25.13144	.0846640	-.000831	.4389203	.1076688	.5315594
#2	3.598791	24.69774	.0839243	-.000978	.3497013	.0951170	.5402054
#3	3.759946	25.80386	.0834961	-.001168	.3309708	.1027347	.5241344

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.936935	2.376539	-.177342	.0012867	4.159087	9.871001	.0048002
Stddev	.074395	.010907	.003846	.0002985	.026211	.166561	.0010867
%RSD	3.840883	.4589335	2.168865	23.19975	.6302208	1.687376	22.63881

#1	1.931138	2.376484	-.178192	.0009835	4.162254	9.878039	.0035766
#2	1.865608	2.387473	-.173142	.0012963	4.183572	9.701033	.0056531
#3	2.014060	2.365660	-.180692	.0015803	4.131436	10.03393	.0051707

Sample Name: I3075-20 Acquired: 5/16/2017 15:30:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA0N5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5548982	.0156722	.0859596
Stddev	.0094589	.0007220	.0016519
%RSD	1.704616	4.606847	1.921726

#1	.5516784	.0163689	.0858891
#2	.5474695	.0157202	.0843441
#3	.5655466	.0149274	.0876456

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1753.850	2660.483	55443.26	4709.910	3233.302
Stddev	1.100	8.066	73.77	80.074	6.650
%RSD	.0627020	.3031672	.1330497	1.700108	.2056654

#1	1754.618	2651.683	55364.64	4720.022	3226.593
#2	1754.342	2662.242	55510.95	4784.447	3233.423
#3	1752.590	2667.524	55454.20	4625.260	3239.891

Sample Name: I3075-21 Acquired: 5/16/2017 15:34:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0N6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0466132	-.010293	2.947547	-.025246	.0011777	61.27975	2.761204
Stddev	.0012656	.001110	.009782	.000608	.0011796	.08107	.012136
%RSD	2.715044	10.78041	.3318809	2.407338	100.1626	.1322950	.4395067

#1	.0452342	-.009276	2.958560	-.024606	-.000181	61.24948	2.756691
#2	.0477216	-.011476	2.939868	-.025317	.001771	61.37160	2.774949
#3	.0468836	-.010126	2.944212	-.025815	.001943	61.21817	2.751971

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060818	.0192718	146.0640	.1396589	.1303868	.1728152	122.0129
Stddev	.0000347	.0001006	.5741	.0011135	.0004170	.0017468	.3627
%RSD	.5702703	.5217750	.3930361	.7973266	.3198154	1.010791	.2972972

#1	.0060962	.0193291	145.8213	.1387483	.1308642	.1730970	121.6553
#2	.0061070	.0193305	146.7196	.1409004	.1302021	.1709446	122.3806
#3	.0060422	.0191557	145.6512	.1393279	.1300940	.1744040	122.0027

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.319929	50.60265	.2091422	-.002171	1.048044	.1741085	1.102771
Stddev	.026855	.29023	.0009397	.000149	.008731	.0041587	.035328
%RSD	.2881449	.5735517	.4493259	6.855089	.8331097	2.388589	3.203531

#1	9.312823	50.38518	.2091356	-.002215	1.039335	.1715073	1.139573
#2	9.349622	50.93221	.2100852	-.002005	1.056797	.1789048	1.069131
#3	9.297342	50.49057	.2082057	-.002293	1.048000	.1719133	1.099607

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.834432	4.433486	-.334053	.0026854	9.013982	2.973989	.0134239
Stddev	.050448	.016622	.001767	.0000866	.071858	.006445	.0009126
%RSD	.8646634	.3749183	.5290528	3.223815	.7971863	.2167240	6.798599

#1	5.777191	4.452517	-.332037	.0026594	9.063142	2.969312	.0126073
#2	5.872415	4.426124	-.334790	.0027820	9.047291	2.981341	.0132553
#3	5.853690	4.421816	-.335333	.0026148	8.931514	2.971315	.0144091

Sample Name: I3075-21 Acquired: 5/16/2017 15:34:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0N6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5146669	.0419349	.1349105
Stddev	.0034822	.0005324	.0000275
%RSD	.6765972	1.269557	.0203548

#1	.5158506	.0415794	.1348895
#2	.5174030	.0416784	.1349415
#3	.5107472	.0425470	.1349004

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1883.320	2850.359	59194.18	4973.664	3113.987
Stddev	4.156	15.555	195.35	2.565	18.625
%RSD	.2206725	.5457140	.3300191	.0515630	.5980937

#1	1888.119	2832.749	59151.31	4970.937	3096.150
#2	1880.980	2856.103	59023.82	4976.028	3112.501
#3	1880.862	2862.225	59407.40	4974.027	3133.310

Sample Name: I3075-22 Acquired: 5/16/2017 15:38:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0N7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0410615	-.007167	2.596946	-.018617	.0019120	44.68758	2.064192
Stddev	.0024964	.002930	.011046	.003159	.0010081	.28094	.001690
%RSD	6.079624	40.88074	.4253613	16.96938	52.72365	.6286821	.0818718

#1	.0421363	-.003842	2.584435	-.017800	.0030711	44.57111	2.062260
#2	.0428404	-.008288	2.605353	-.015946	.0014257	45.00803	2.065400
#3	.0382077	-.009371	2.601051	-.022104	.0012393	44.48360	2.064915

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047507	.0157270	100.5477	.0803935	.0873988	.1513731	96.78154
Stddev	.0000852	.0001364	.4772	.0035171	.0004405	.0019257	.39716
%RSD	1.793400	.8674201	.4745807	4.374827	.5040137	1.272146	.4103640

#1	.0048408	.0158845	100.4485	.0821154	.0869566	.1526938	97.03563
#2	.0047400	.0156465	101.0667	.0763473	.0874021	.1522620	96.98513
#3	.0046714	.0156500	100.1280	.0827179	.0878376	.1491636	96.32387

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.469302	31.42410	.1235879	-.001689	.6159447	.1485590	.9126188
Stddev	.027080	.09635	.0003088	.000171	.0946652	.0028794	.0039421
%RSD	.4185858	.3066177	.2498796	10.14908	15.36911	1.938211	.4319503

#1	6.481662	31.47495	.1232412	-.001506	.6544834	.1500635	.9148510
#2	6.487996	31.48437	.1236894	-.001715	.6852619	.1503744	.9080672
#3	6.438248	31.31298	.1238333	-.001845	.5080888	.1452390	.9149383

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.982294	3.235672	-.250741	.0013558	6.919843	13.19811	.0094611
Stddev	.035694	.011966	.001553	.0000955	.030344	.02895	.0010163
%RSD	.8963256	.3698228	.6194900	7.043140	.4385048	.2193576	10.74136

#1	4.019369	3.222323	-.249359	.0014640	6.888534	13.19174	.0083269
#2	3.979350	3.245436	-.252423	.0013203	6.949119	13.22972	.0102891
#3	3.948162	3.239258	-.250442	.0012832	6.921876	13.17288	.0097672

Sample Name: I3075-22 Acquired: 5/16/2017 15:38:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0N7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6739910	.0270668	.0929478
Stddev	.0054553	.0005492	.0004875
%RSD	.8093959	2.029124	.5245157

#1	.6729473	.0270709	.0933965
#2	.6798927	.0276139	.0930179
#3	.6691330	.0265155	.0924290

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1877.544	2762.094	58729.26	4799.870	3186.570
Stddev	58.380	7.844	1848.26	30.179	8.525
%RSD	3.109368	.2839827	3.147091	.6287485	.2675269

#1	1849.041	2771.127	57784.74	4799.826	3194.998
#2	1944.699	2757.006	60858.93	4769.713	3177.951
#3	1838.890	2758.149	57544.12	4830.072	3186.762

Sample Name: PB98897BL Acquired: 5/16/2017 15:42:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	.0003988	.0008959	-.000676	.0037755	-.001192	.0025887	-.003356
Stddev	.0012457	.0019209	.000853	.0026765	.000718	.0073306	.000131
%RSD	312.3479	214.4166	126.0739	70.89153	60.25317	283.1772	3.916864

#1	.0015291	-.000214	-.001440	.0010143	-.000648	.0075794	-.003427
#2	-.000937	.003114	-.000833	.0063585	-.000922	.0060143	-.003436
#3	.000604	-.000213	.000244	.0039538	-.002007	-.005828	-.003204

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000790	-.000081	.0068564	-.000187	.0000042	-.000678	-.007714
Stddev	.0000721	.000019	.0039586	.000171	.0000781	.001355	.000797
%RSD	91.19992	23.89366	57.73531	91.46527	1866.641	199.7783	10.32974

#1	.0001622	-.000100	.0054791	-.000131	.0000334	-.000388	-.007538
#2	.0000414	-.000062	.0113197	-.000051	-.000084	-.002154	-.007019
#3	.0000336	-.000081	.0037705	-.000379	.000063	.000508	-.008584

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004220	-.019979	-.000047	.0003995	-.262932	.0005386	-.002419
Stddev	.0003483	.044709	.000108	.0000753	.108404	.0026412	.012907
%RSD	82.52260	223.7789	229.8548	18.84024	41.22896	490.3401	533.5125

#1	.0007738	-.065227	-.000163	.0003167	-.164207	.0001000	.011777
#2	.0000774	.024170	-.000029	.0004182	-.378939	-.001856	-.013446
#3	.0004149	-.018880	.000051	.0004637	-.245649	.003372	-.005588

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.110202	-.001053	-.004622	-.000031	-.035270	-.000052	.0005185
Stddev	.027011	.000163	.000796	.000132	.007069	.001102	.0005818
%RSD	24.51041	15.46643	17.21562	423.0199	20.04184	2124.735	112.2238

#1	-.129906	-.000955	-.005488	-.000144	-.034583	.001200	.0010608
#2	-.079412	-.001241	-.003923	-.000064	-.028570	-.000484	-.000096
#3	-.121287	-.000963	-.004455	.000114	-.042657	-.000872	.000591

Sample Name: PB98897BL Acquired: 5/16/2017 15:42:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	-.000601	-.000736	-.000064
Stddev	.000570	.001310	.000057
%RSD	94.78447	177.9008	90.46997

#1	-.000029	.000035	-.000115
#2	-.001168	.000005	-.000074
#3	-.000607	-.002249	-.000002

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1745.002	2657.558	54255.82	4354.460	3755.668
Stddev	9.740	67.398	469.00	36.860	86.743
%RSD	.5581533	2.536090	.8644246	.8464841	2.309646

#1	1752.023	2583.122	54573.09	4314.911	3658.672
#2	1749.102	2714.448	54477.27	4387.856	3825.802
#3	1733.883	2675.103	53717.09	4360.614	3782.530

Sample Name: PB98897BS Acquired: 5/16/2017 15:46:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	.0182667	.0517747	.0190718	.0664169	.1126158	.3882816
Stddev	.0016387	.0004331	.0005259	.0024231	.0012491	.0070534
%RSD	8.971085	.8365741	2.757362	3.648304	1.109185	1.816560

#1	.0201414	.0522112	.0190514	.0660774	.1140123	.3804009
#2	.0171068	.0517678	.0185565	.0641815	.1122302	.3904411
#3	.0175519	.0513450	.0196076	.0689919	.1116050	.3940028

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3897586	.0097236	.0089067	9.536636	.0224580	.0888895
Stddev	.0010041	.0001475	.0000350	.047272	.0007097	.0005350
%RSD	.2576072	1.516746	.3929235	.4956903	3.160030	.6018419

#1	.3887509	.0098877	.0089236	9.528743	.0228186	.0894029
#2	.3897660	.0096809	.0088664	9.493807	.0229149	.0883353
#3	.3907590	.0096022	.0089300	9.587358	.0216404	.0889303

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0524011	.2240510	.0320443	9.045802	.0726522	.0184577
Stddev	.0024027	.0087438	.0008357	.071094	.0003438	.0005242
%RSD	4.585218	3.902583	2.607851	.7859329	.4731549	2.840222

#1	.0549731	.2341050	.0322027	9.015394	.0729491	.0188080
#2	.0520159	.2182231	.0327894	8.994970	.0722756	.0187100
#3	.0502143	.2198249	.0311407	9.127043	.0727320	.0178550

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.751207	.1033603	.0982491	8.445810	F .0304541	F .0170721
Stddev	.320045	.0014320	.0120222	.031832	.0014029	.0007108
%RSD	3.282104	1.385412	12.23647	.3768916	4.606740	4.163510

#1	9.601805	.1049082	.0848876	8.421780	.0289735	.0176078
#2	10.11863	.1020829	.1016684	8.481911	.0306249	.0162657
#3	9.53318	.1030898	.1081913	8.433737	.0317637	.0173429

Sample Name: PB98897BS Acquired: 5/16/2017 15:46:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	.0218228	.4358619	.1912380	F .0158946	.2032817	.0919540
Stddev	.0000308	.0059053	.0023700	.0014105	.0011726	.0006293
%RSD	.1409217	1.354856	1.239265	8.874147	.5768539	.6843132

#1	.0218583	.4332427	.1922206	.0159164	.2025321	.0917418
#2	.0218057	.4426238	.1929585	.0172941	.2046331	.0926620
#3	.0218044	.4317192	.1885348	.0144733	.2026800	.0914583

Elem	Sr4077
Units	ppm
Avg	.2067147
Stddev	.0001262
%RSD	.0610684

#1	.2068547
#2	.2066798
#3	.2066095

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1730.648	2630.735	54526.98	4411.856	3637.704
Stddev	10.190	10.327	301.62	13.147	11.931
%RSD	.5887862	.3925478	.5531575	.2980015	.3279901

#1	1735.867	2618.821	54780.66	4396.708	3624.748
#2	1718.906	2637.125	54193.48	4420.303	3648.239
#3	1737.171	2636.258	54606.79	4418.557	3640.124

Sample Name: I3076-01 Acquired: 5/16/2017 15:50:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0N8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0385216	-.007477	2.248562	-.019036	.0005439	38.55052	1.473271
Stddev	.0021660	.001987	.024869	.001635	.0010153	.08828	.002566
%RSD	5.622794	26.57554	1.105975	8.591298	186.6731	.2289956	.1741766

#1	.0406040	-.008495	2.247396	-.017157	-.000514	38.45202	1.470635
#2	.0362807	-.005187	2.273993	-.020141	.000635	38.62250	1.475761
#3	.0386801	-.008749	2.224297	-.019810	.001511	38.57705	1.473418

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044329	.0135594	66.07146	.0907517	.0761962	.1233310	96.11923
Stddev	.0000429	.0002023	.24942	.0011193	.0008266	.0017200	.53548
%RSD	.9675784	1.491894	.3775060	1.233413	1.084877	1.394624	.5571044

#1	.0043932	.0136056	66.12439	.0907075	.0763496	.1235230	95.79316
#2	.0044784	.0137346	65.79983	.0896551	.0769354	.1249470	95.82729
#3	.0044271	.0133381	66.29018	.0918925	.0753036	.1215231	96.73724

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.433436	20.26905	.1040549	-.001791	.6456153	.1535981	.9522525
Stddev	.018221	.09787	.0007618	.000254	.0480279	.0066172	.0223398
%RSD	.3353551	.4828543	.7320714	14.19462	7.439084	4.308140	2.345998

#1	5.428331	20.26645	.1044828	-.001562	.6791107	.1507492	.9320539
#2	5.418312	20.17250	.1045064	-.002065	.5905894	.1611627	.9484565
#3	5.453666	20.36819	.1031754	-.001745	.6671458	.1488826	.9762471

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.300773	2.760625	-.257621	.0013257	5.133335	7.493985	.0141104
Stddev	.026977	.029033	.000768	.0002915	.038106	.030011	.0002035
%RSD	.8172910	1.051670	.2981885	21.98757	.7423310	.4004736	1.442501

#1	3.291431	2.771127	-.258468	.0010176	5.132070	7.466408	.0139064
#2	3.331179	2.782945	-.257428	.0015971	5.172058	7.489598	.0143134
#3	3.279708	2.727803	-.256968	.0013624	5.095877	7.525948	.0141114

Sample Name: I3076-01 Acquired: 5/16/2017 15:50:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0N8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6248935	.0223256	.0677171
Stddev	.0009115	.0002244	.0001866
%RSD	.1458671	1.004914	.2755914

#1	.6246111	.0225537	.0675870
#2	.6241565	.0221052	.0679310
#3	.6259127	.0223180	.0676335

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1852.787	2806.236	58117.99	4835.556	3352.765
Stddev	21.068	22.649	597.93	16.353	33.853
%RSD	1.137123	.8071034	1.028814	.3381814	1.009702

#1	1862.321	2798.400	58378.21	4831.425	3343.541
#2	1867.404	2788.545	58541.72	4853.578	3324.481
#3	1828.637	2831.762	57434.05	4821.664	3390.274

Sample Name: I3076-02 Acquired: 5/16/2017 15:54:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0N9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0555644	-.012701	4.348859	-.030770	.0030315	69.78587	3.218392
Stddev	.0020460	.001065	.007878	.003861	.0017159	.64491	.031371
%RSD	3.682247	8.386491	.1811610	12.54916	56.60264	.9241266	.9747283

#1	.0536297	-.012711	4.339900	-.026835	.0040584	69.98834	3.224676
#2	.0553575	-.011631	4.351965	-.030924	.0010506	70.30525	3.246145
#3	.0577060	-.013761	4.354710	-.034553	.0039854	69.06402	3.184355

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072296	.0258235	138.2903	.1137771	.1387642	.2195356	144.1587
Stddev	.0000833	.0000900	1.0102	.0003235	.0002224	.0035448	.8612
%RSD	1.151628	.3486716	.7304781	.2843446	.1602475	1.614673	.5973881

#1	.0071337	.0258704	138.9637	.1134082	.1385549	.2227711	144.4370
#2	.0072714	.0257197	138.7785	.1140128	.1387401	.2200892	144.8463
#3	.0072836	.0258804	137.1287	.1139102	.1389977	.2157466	143.1927

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.26664	49.27489	.2054934	-.003061	1.126612	.2076927	1.420498
Stddev	.09283	.39752	.0001724	.000319	.072473	.0078516	.035506
%RSD	.9041555	.8067495	.0838984	10.42299	6.432815	3.780377	2.499558

#1	10.33775	49.31535	.2055815	-.002763	1.078763	.2095516	1.394934
#2	10.30055	49.65063	.2056041	-.003022	1.091079	.2144480	1.461039
#3	10.16163	48.85868	.2052948	-.003398	1.209993	.1990785	1.405522

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.027272	4.934043	-.397478	.0027254	10.55887	3.525435	.0111429
Stddev	.100555	.009635	.003313	.0001744	.04066	.017025	.0007183
%RSD	1.430925	.1952690	.8336256	6.399845	.3851040	.4829098	6.445960

#1	7.014157	4.933695	-.399508	.0025285	10.54687	3.530702	.0109869
#2	7.133741	4.943847	-.399272	.0027873	10.52556	3.539203	.0105155
#3	6.933918	4.924587	-.393655	.0028604	10.60419	3.506399	.0119264

Sample Name: I3076-02 Acquired: 5/16/2017 15:54:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0N9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6617729	.0451063	.1299758
Stddev	.0072294	.0003436	.0012604
%RSD	1.092426	.7617432	.9697307

#1	.6664020	.0447544	.1298319
#2	.6654743	.0454409	.1313019
#3	.6534423	.0451238	.1287934

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1954.517	2937.280	61097.62	5114.244	3130.360
Stddev	5.384	2.249	68.98	25.185	3.515
%RSD	.2754760	.0765742	.1128972	.4924475	.1122893

#1	1959.547	2938.292	61021.47	5090.522	3134.414
#2	1948.838	2934.702	61115.47	5111.537	3128.159
#3	1955.167	2938.845	61155.92	5140.673	3128.507

Sample Name: I3076-03 Acquired: 5/16/2017 15:58:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0P0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0332954	-.006809	2.181100	-.015232	.0012952	34.83607	1.337990
Stddev	.0003154	.001281	.013261	.001574	.0003388	.20188	.008193
%RSD	.9471941	18.81012	.6080143	10.33269	26.15514	.5795189	.6123737

#1	.0334238	-.005825	2.166964	-.016192	.0011702	35.00892	1.341922
#2	.0335263	-.006344	2.183072	-.016087	.0016787	34.88511	1.343477
#3	.0329361	-.008257	2.193266	-.013415	.0010366	34.61419	1.328572

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039976	.0124323	65.96761	.0754405	.0636858	.1065794	85.95678
Stddev	.0001499	.0000688	.34007	.0006481	.0006621	.0032129	.40736
%RSD	3.750486	.5534823	.5155148	.8590975	1.039581	3.014544	.4739143

#1	.0039113	.0123628	66.13760	.0761099	.0629270	.1064536	86.04187
#2	.0041707	.0124339	66.18917	.0753956	.0641454	.1098534	86.31488
#3	.0039108	.0125004	65.57606	.0748160	.0639851	.1034313	85.51359

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.704236	22.21757	.0910819	-.001579	.5110871	.1304613	.8213208
Stddev	.014031	.16330	.0003375	.000111	.0253947	.0027420	.0252917
%RSD	.2982586	.7350198	.3705591	7.062578	4.968765	2.101784	3.079395

#1	4.718436	22.27496	.0914469	-.001706	.5079596	.1275916	.8314391
#2	4.703890	22.34442	.0910177	-.001502	.4874010	.1330547	.7925364
#3	4.690381	22.03331	.0907811	-.001527	.5379007	.1307376	.8399868

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.649108	2.198613	-.234652	.0010404	3.329375	2.809147	.0060110
Stddev	.037851	.020253	.001331	.0003429	.026480	.006189	.0011342
%RSD	1.428804	.9211784	.5670546	32.96005	.7953293	.2203037	18.86879

#1	2.692741	2.181951	-.235836	.0007989	3.300064	2.815256	.0062947
#2	2.629481	2.192733	-.233212	.0008894	3.351568	2.809305	.0047619
#3	2.625103	2.221156	-.234909	.0014329	3.336494	2.802882	.0069765

Sample Name: I3076-03 Acquired: 5/16/2017 15:58:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0P0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5015777	.0207620	.0583132
Stddev	.0030805	.0007413	.0002191
%RSD	.6141528	3.570642	.3757228

#1	.5051337	.0201895	.0584543
#2	.4997289	.0204971	.0584244
#3	.4998704	.0215994	.0580608

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1844.262	2756.671	57993.45	4758.847	3348.468
Stddev	8.523	7.833	352.26	17.402	12.765
%RSD	.4621629	.2841501	.6074144	.3656871	.3812201

#1	1838.051	2765.541	57644.43	4746.934	3363.199
#2	1853.980	2750.703	58348.87	4750.790	3340.661
#3	1840.757	2753.769	57987.05	4778.818	3341.545

Sample Name: I3076-04 Acquired: 5/16/2017 16:02:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0P0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0354846	-.006560	2.168943	-.016267	.0004676	35.14975	1.353235
Stddev	.0014077	.001836	.012675	.001806	.0013421	.16242	.003658
%RSD	3.967077	27.98904	.5843865	11.10152	287.0190	.4620673	.2702978

#1	.0339002	-.005475	2.180692	-.016201	-.001055	34.96299	1.349029
#2	.0359621	-.008680	2.170627	-.018105	.001480	35.25791	1.355012
#3	.0365914	-.005525	2.155510	-.014495	.000977	35.22835	1.355665

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040061	.0121752	66.29290	.0772949	.0633609	.1096122	86.70199
Stddev	.0000742	.0001021	.19793	.0009588	.0003428	.0017255	.13806
%RSD	1.850964	.8383415	.2985667	1.240499	.5409676	1.574216	.1592294

#1	.0039370	.0122888	66.06460	.0768938	.0636823	.1112207	86.54259
#2	.0039969	.0121456	66.39779	.0783891	.0634002	.1098264	86.78310
#3	.0040845	.0120912	66.41630	.0766017	.0630002	.1077897	86.78030

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.722952	22.25413	.0907122	-.001593	.4999809	.1311510	.8384124
Stddev	.008105	.10972	.0004116	.000399	.1810567	.0031587	.0079238
%RSD	.1716095	.4930232	.4537256	25.01548	36.21272	2.408475	.9450994

#1	4.713686	22.12996	.0911345	-.002052	.6628022	.1338482	.8305390
#2	4.728719	22.33798	.0906899	-.001333	.5321414	.1319288	.8383125
#3	4.726453	22.29445	.0903122	-.001395	.3049990	.1276760	.8463857

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.647792	2.195102	-.237472	.0009687	3.309168	2.831689	.0055550
Stddev	.026272	.019056	.001975	.0002975	.039293	.005728	.0001586
%RSD	.9922058	.8681062	.8318481	30.71325	1.187386	.2022750	2.854378

#1	2.620917	2.210689	-.235228	.0013103	3.320451	2.832839	.0056500
#2	2.649043	2.200759	-.238948	.0008302	3.341585	2.836754	.0053720
#3	2.673416	2.173858	-.238241	.0007657	3.265469	2.825473	.0056431

Sample Name: I3076-04 Acquired: 5/16/2017 16:02:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0P0D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5051609	.0199347	.0589518
Stddev	.0011795	.0007169	.0004738
%RSD	.2334826	3.596315	.8037165

#1	.5064903	.0200672	.0584066
#2	.5042401	.0205762	.0592638
#3	.5047522	.0191608	.0591850

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1809.748	2766.076	56902.62	4725.804	3361.923
Stddev	29.765	17.888	799.63	10.211	23.067
%RSD	1.644680	.6466888	1.405266	.2160753	.6861158

#1	1822.827	2747.984	57162.75	4736.052	3341.217
#2	1775.684	2766.491	56005.32	4715.630	3357.768
#3	1830.734	2783.752	57539.81	4725.730	3386.785

Sample Name: I3076-05 Acquired: 5/16/2017 16:06:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0P0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1001883	.1098015	2.248123	.0592175	.0928520	39.78862	5.100831
Stddev	.0039846	.0002523	.012009	.0023653	.0013002	.10762	.013674
%RSD	3.977130	.2297724	.5341715	3.994269	1.400312	.2704907	.2680709

#1	.1000220	.1095221	2.247841	.0609687	.0932169	39.91062	5.103111
#2	.1042535	.1098698	2.260270	.0565268	.0939307	39.74813	5.113221
#3	.0962894	.1100126	2.236257	.0601570	.0914083	39.70712	5.086160

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0916196	.0980567	74.00789	.4532818	.9637636	.5803295	115.6629
Stddev	.0002542	.0004858	.25468	.0015166	.0070382	.0043695	.6297
%RSD	.2774075	.4954271	.3441232	.3345852	.7302810	.7529347	.5444108

#1	.0917604	.0982212	74.29556	.4545838	.9664952	.5847756	116.3520
#2	.0913262	.0984389	73.91689	.4536451	.9690265	.5801722	115.5191
#3	.0917722	.0975100	73.81120	.4516166	.9557691	.5760408	115.1175

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.697444	21.96878	.9960313	.0344000	.7809925	1.075549	1.622547
Stddev	.024264	.14052	.0075122	.0001174	.0845828	.005636	.001278
%RSD	.4258825	.6396297	.7542119	.3413929	10.83017	.5240555	.0787808

#1	5.725442	22.12677	.9993304	.0345274	.7635320	1.070156	1.623883
#2	5.684361	21.85776	1.001329	.0342961	.8729430	1.075090	1.622421
#3	5.682529	21.92181	.987434	.0343764	.7065027	1.081401	1.621336

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.814947	2.100814	-.320469	.0026839	3.544704	2.779909	.2459732
Stddev	.022768	.010156	.002374	.0000948	.039102	.006251	.0023075
%RSD	.8088300	.4834542	.7406771	3.531345	1.103110	.2248675	.9381019

#1	2.832768	2.111164	-.322139	.0026916	3.529916	2.786421	.2473830
#2	2.789297	2.100414	-.321516	.0027746	3.589044	2.779350	.2472262
#3	2.822774	2.090863	-.317752	.0025855	3.515154	2.773956	.2433102

Sample Name: I3076-05 Acquired: 5/16/2017 16:06:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0P0S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5061751	.0205158	.0740134
Stddev	.0033023	.0004964	.0001232
%RSD	.6523961	2.419772	.1664834

#1	.5085542	.0201366	.0741556
#2	.5075662	.0203332	.0739469
#3	.5024049	.0210777	.0739377

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1830.818	2790.237	57780.70	4770.989	3375.276
Stddev	12.743	22.410	390.82	26.886	25.188
%RSD	.6960376	.8031558	.6763895	.5635327	.7462457

#1	1820.979	2780.046	57330.99	4740.581	3364.980
#2	1845.213	2774.733	58038.21	4791.613	3356.867
#3	1826.263	2815.931	57972.90	4780.773	3403.980

Sample Name: I3076-03LX5 Acquired: 5/16/2017 16:10:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0P0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095788	-.000036	.4431625	-.001280	-.000644	7.347548	.2803343
Stddev	.0021506	.001324	.0101755	.002163	.001201	.015791	.0016855
%RSD	22.45206	3649.700	2.296106	168.9842	186.5286	.2149122	.6012399

#1	.0115768	-.001488	.4445976	-.003777	-.001879	7.364190	.2822642
#2	.0073026	.000276	.4525443	-.000095	.000520	7.345679	.2791511
#3	.0098571	.001103	.4323457	.000031	-.000574	7.332775	.2795878

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009056	.0023830	14.03955	.0164733	.0121528	.0227200	18.52329
Stddev	.0000622	.0001081	.02729	.0002009	.0002890	.0014357	.10720
%RSD	6.871368	4.537573	.1943787	1.219746	2.377801	6.319143	.5787305

#1	.0008413	.0024365	14.05689	.0165851	.0121472	.0243087	18.40508
#2	.0009656	.0024541	14.00809	.0165934	.0124445	.0215155	18.61420
#3	.0009099	.0022586	14.05365	.0162413	.0118666	.0223358	18.55060

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.015303	4.719288	.0180362	.0000843	-.023738	.0300162	.1702425
Stddev	.000273	.023598	.0005650	.0004277	.044640	.0040690	.0105722
%RSD	.0268913	.5000301	3.132812	507.5084	188.0503	13.55584	6.210081

#1	1.015011	4.740123	.0177476	.0001530	-.010085	.0337215	.1659349
#2	1.015346	4.724078	.0186872	.0004735	.012480	.0306655	.1822884
#3	1.015551	4.693663	.0176737	-.000374	-.073610	.0256617	.1625041

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4371917	.4205370	-.055436	-.000036	.6186433	.6195219	.0004987
Stddev	.0368296	.0107915	.000038	.000204	.0221702	.0052854	.0005512
%RSD	8.424121	2.566120	.0680985	572.6282	3.583684	.8531473	110.5177

#1	.4750388	.4184627	-.055466	-.000243	.6294748	.6197069	.0010614
#2	.4014720	.4322151	-.055393	.000165	.6333155	.6247124	.0004751
#3	.4350642	.4109333	-.055447	-.000029	.5931395	.6141464	-.000040

Sample Name: I3076-03LX5 Acquired: 5/16/2017 16:10:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0P0L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1055193	.0035649	.0123782
Stddev	.0008222	.0012063	.0000899
%RSD	.7792054	33.83639	.7262287

#1	.1045995	.0025336	.0122767
#2	.1057754	.0032699	.0124479
#3	.1061830	.0048914	.0124100

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1793.563	2697.737	55688.06	4425.023	3638.203
Stddev	4.993	53.239	204.21	12.269	72.806
%RSD	.2783891	1.973467	.3667069	.2772717	2.001150

#1	1789.503	2694.014	55512.96	4429.208	3635.223
#2	1792.049	2646.457	55638.83	4411.208	3566.933
#3	1799.138	2752.740	55912.38	4434.652	3712.454

Sample Name: I3076-06 Acquired: 5/16/2017 16:14:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0P1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0371377	-.005960	2.439951	-.016450	.0006488	35.79259	1.456879
Stddev	.0017818	.000911	.008995	.002666	.0010170	.18160	.006414
%RSD	4.797795	15.28643	.3686507	16.20645	156.7576	.5073723	.4402803

#1	.0370025	-.004910	2.433660	-.017855	-.000294	35.58522	1.454366
#2	.0354274	-.006540	2.450254	-.013376	.000514	35.92325	1.464169
#3	.0389833	-.006430	2.435939	-.018120	.001727	35.86930	1.452101

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040177	.0132665	82.84235	.0715382	.0688255	.1212643	83.56753
Stddev	.0000164	.0000588	.39100	.0002173	.0006530	.0020200	.08519
%RSD	.4092224	.4432941	.4719778	.3037563	.9487930	1.665794	.1019462

#1	.0040270	.0131987	82.51467	.0713202	.0684430	.1189647	83.51233
#2	.0040274	.0133038	83.27517	.0715395	.0695795	.1220760	83.66564
#3	.0039987	.0132970	82.73723	.0717548	.0684539	.1227522	83.52461

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.145781	28.81173	.0958317	-.001608	.6301810	.1225075	.8615280
Stddev	.019381	.08963	.0004752	.000272	.0682398	.0031737	.0093065
%RSD	.3766434	.3110996	.4958655	16.88582	10.82861	2.590581	1.080234

#1	5.131671	28.71768	.0957393	-.001903	.6727642	.1188553	.8722430
#2	5.167880	28.89618	.0963463	-.001552	.6663061	.1240729	.8554615
#3	5.137792	28.82134	.0954095	-.001369	.5514727	.1245944	.8568794

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.792835	2.385805	-.230636	.0010999	4.129048	2.643210	.0050626
Stddev	.007592	.003243	.002150	.0001600	.006121	.015617	.0005684
%RSD	.2718506	.1359149	.9323766	14.54439	.1482537	.5908526	11.22829

#1	2.785710	2.383624	-.228177	.0010825	4.126689	2.625323	.0047005
#2	2.800821	2.389532	-.231565	.0012680	4.135998	2.654137	.0057177
#3	2.791973	2.384261	-.232165	.0009494	4.124457	2.650171	.0047694

Sample Name: I3076-06 Acquired: 5/16/2017 16:14:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0P1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4794521	.0207149	.0675151
Stddev	.0036657	.0001979	.0001751
%RSD	.7645572	.9554485	.2593447

#1	.4761018	.0208930	.0674076
#2	.4833676	.0207499	.0674205
#3	.4788868	.0205019	.0677172

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1816.328	2722.279	57027.76	4727.452	3266.487
Stddev	8.215	11.515	200.58	26.118	11.486
%RSD	.4522885	.4229730	.3517283	.5524747	.3516280

#1	1814.745	2735.509	56836.14	4756.727	3276.348
#2	1825.220	2716.814	57236.24	4719.089	3253.875
#3	1809.020	2714.515	57010.90	4706.539	3269.237

Sample Name: I3076-07 Acquired: 5/16/2017 16:18:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0P2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0607690	-.012676	5.533146	-.031466	.0019735	79.66776	3.658507
Stddev	.0027373	.001258	.004687	.002155	.0009421	.24121	.011055
%RSD	4.504403	9.926851	.0847032	6.849923	47.73921	.3027751	.3021615

#1	.0638847	-.014107	5.535685	-.032572	.0027004	79.58982	3.667129
#2	.0596720	-.011743	5.527737	-.032844	.0023110	79.47516	3.646045
#3	.0587504	-.012178	5.536015	-.028982	.0009091	79.93831	3.662349

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081589	.0302607	161.7869	.1260069	.1510213	.2530330	160.1072
Stddev	.0000234	.0000906	1.2423	.0006316	.0005067	.0012253	.8511
%RSD	.2863920	.2993629	.7678491	.5012461	.3355064	.4842474	.5315623

#1	.0081780	.0302033	161.8845	.1266925	.1510301	.2529719	160.4809
#2	.0081658	.0303651	160.4987	.1258795	.1515235	.2518394	159.1332
#3	.0081329	.0302136	162.9775	.1254487	.1505103	.2542877	160.7074

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.57704	56.88131	.2274104	-.003385	1.226063	.2284204	1.653025
Stddev	.08063	.34657	.0007293	.000257	.153776	.0040025	.011785
%RSD	.7622777	.6092865	.3207153	7.582629	12.54226	1.752251	.7129650

#1	10.58219	56.74311	.2268429	-.003681	1.385558	.2306836	1.639731
#2	10.49396	56.62517	.2271554	-.003245	1.078727	.2237991	1.657151
#3	10.65496	57.27566	.2282330	-.003228	1.213905	.2307786	1.662193

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.505461	5.030534	-.445793	.0024166	10.07109	2.794798	.0106420
Stddev	.061181	.011016	.001796	.0000641	.02125	.009990	.0014707
%RSD	.8151546	.2189750	.4027994	2.652684	.2109943	.3574626	13.81938

#1	7.469094	5.027233	-.447467	.0024179	10.08403	2.793558	.0101751
#2	7.471192	5.021547	-.443896	.0024801	10.04657	2.785486	.0094615
#3	7.576096	5.042823	-.446016	.0023519	10.08268	2.805351	.0122894

Sample Name: I3076-07 Acquired: 5/16/2017 16:18:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0P2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6486813	.0531381	.1431100
Stddev	.0046384	.0007098	.0007553
%RSD	.7150539	1.335827	.5277487

#1	.6471748	.0537551	.1427150
#2	.6449833	.0523623	.1426340
#3	.6538857	.0532967	.1439808

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1938.952	2930.726	60991.07	5117.614	3066.530
Stddev	7.646	9.954	111.70	27.622	11.766
%RSD	.3943620	.3396449	.1831363	.5397458	.3836757

#1	1930.128	2919.804	60990.25	5126.042	3053.182
#2	1943.624	2933.086	60879.79	5140.040	3071.013
#3	1943.105	2939.288	61103.18	5086.760	3075.395

Sample Name: I3076-08 Acquired: 5/16/2017 16:22:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0P3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0678037	-.022461	22.53247	-.045195	.0026644	64.69015	9.696339
Stddev	.0039009	.000633	.07330	.003098	.0012731	.08828	.008450
%RSD	5.753228	2.819657	.3253082	6.854396	47.78017	.1364729	.0871501

#1	.0635708	-.022427	22.50922	-.044878	.0024032	64.63413	9.687105
#2	.0685864	-.021846	22.47361	-.042269	.0015422	64.79192	9.703687
#3	.0712539	-.023111	22.61457	-.048440	.0040478	64.64440	9.698226

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099582	.1325459	410.9059	.1064853	.2512657	.7645294	205.3766
Stddev	.0000365	.0004087	1.0614	.0004936	.0001265	.0002080	.6244
%RSD	.3664349	.3083850	.2582975	.4635210	.0503592	.0272072	.3040280

#1	.0099193	.1324164	409.7312	.1060965	.2513993	.7643181	204.6835
#2	.0099637	.1322176	411.7959	.1063187	.2512502	.7647339	205.8953
#3	.0099916	.1330038	411.1907	.1070406	.2511477	.7645363	205.5509

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.96371	172.8765	.2911861	.0014452	1.811226	.1966752	7.106641
Stddev	.05373	.4371	.0014931	.0003888	.046133	.0018427	.062840
%RSD	.3167485	.2528199	.5127621	26.90433	2.547074	.9369348	.8842493

#1	16.90490	172.4238	.2912435	.0017119	1.777512	.1985927	7.154275
#2	17.01025	173.2961	.2896652	.0009991	1.863801	.1949177	7.130228
#3	16.97597	172.9095	.2926497	.0016247	1.792364	.1965154	7.035419

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.579722	5.692363	-.570743	.0000854	22.42491	3.520976	.0109516
Stddev	.027371	.008450	.001112	.0002446	.06609	.015118	.0006845
%RSD	.5976460	.1484493	.1948070	286.4134	.2947224	.4293732	6.250056

#1	4.593360	5.690696	-.570396	-.000195	22.47578	3.515764	.0105204
#2	4.548211	5.684872	-.569847	.000254	22.35021	3.509153	.0105934
#3	4.597594	5.701523	-.571988	.000198	22.44876	3.538011	.0117408

Sample Name: I3076-08 Acquired: 5/16/2017 16:22:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0P3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5718159	.0443405	.2647516
Stddev	.0013835	.0000652	.0001839
%RSD	.2419416	.1470738	.0694520

#1	.5712975	.0442831	.2648630
#2	.5707665	.0443271	.2645394
#3	.5733837	.0444114	.2648524

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1786.543	2683.417	56950.05	4884.050	2779.792
Stddev	11.299	2.759	76.83	5.937	3.658
%RSD	.6324434	.1028297	.1348999	.1215506	.1315879

#1	1777.536	2685.991	56878.05	4884.730	2779.201
#2	1782.872	2680.504	56941.17	4877.802	2783.710
#3	1799.221	2683.757	57030.93	4889.617	2776.466

Sample Name: CCV018 Acquired: 5/16/2017 16:31:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	5.212124	4.952220	25.19750	5.139442	5.220398	397.1748
Stddev	.063041	.060927	.30866	.065444	.067401	.8741
%RSD	1.209507	1.230287	1.224959	1.273360	1.291099	.2200818

#1	5.191126	4.921276	25.07122	5.114000	5.203632	396.8756
#2	5.282984	5.022409	25.54928	5.213786	5.294600	398.1592
#3	5.162261	4.912976	24.97201	5.090540	5.162964	396.4896

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.39482	.5161567	2.507648	387.9758	15.41295	2.537085
Stddev	.04205	.0020127	.030801	.3937	.16269	.032927
%RSD	.4045103	.3899463	1.228294	.1014721	1.055558	1.297839

#1	10.40245	.5178444	2.495293	387.7597	15.44793	2.525458
#2	10.43252	.5139291	2.542709	387.7374	15.23561	2.574249
#3	10.34947	.5166967	2.484943	388.4302	15.55531	2.511550

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.64183	372.0051	14.59920	383.9142	2.518635	1.292430
Stddev	.05213	.0970	.01288	.4384	.031604	.008312
%RSD	.3332925	.0260875	.0882509	.1142021	1.254798	.6431125

#1	15.63330	372.0460	14.58460	384.1724	2.503096	1.296974
#2	15.69771	372.0751	14.60897	383.4080	2.555000	1.282837
#3	15.59449	371.8943	14.60403	384.1623	2.497809	1.297479

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	398.1837	2.497170	14.13335	162.2034	5.317421	F 4.457724
Stddev	.8400	.015390	.09942	.5779	.069384	.015429
%RSD	.2109663	.6163059	.7034262	.3562676	1.304838	.3461107

#1	397.9480	2.494863	14.24603	162.0369	5.298306	4.475069
#2	399.1164	2.483063	14.05799	162.8463	5.394358	4.445530
#3	397.4867	2.513583	14.09603	161.7271	5.259598	4.452574

Sample Name: CCV018 Acquired: 5/16/2017 16:31:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	5.109593	4.567972	5.216222	5.043794	5.151473	5.412661
Stddev	.064097	.070833	.013244	.069139	.008461	.015351
%RSD	1.254440	1.550646	.2538959	1.370765	.1642392	.2836186

#1	5.086599	4.521754	5.204941	5.009670	5.145523	5.414000
#2	5.182015	4.649522	5.212922	5.123361	5.161159	5.427299
#3	5.060165	4.532642	5.230804	4.998352	5.147737	5.396684

Elem	Sr4077
Units	ppm
Avg	5.268297
Stddev	.016731
%RSD	.3175853

#1	5.268005
#2	5.285172
#3	5.251713

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1424.349	2146.213	45864.44	4009.249	2428.131
Stddev	12.228	24.399	229.03	9.207	28.045
%RSD	.8584943	1.136831	.4993723	.2296396	1.155004

#1	1411.178	2149.131	45713.20	4000.165	2433.514
#2	1426.528	2120.486	46127.95	4009.009	2397.785
#3	1435.341	2169.021	45752.17	4018.574	2453.095

Sample Name: CCB018 Acquired: 5/16/2017 16:35:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	.0010070	.0027252	-.000407	.0028538	-.000744	.0054835	-.003797
Stddev	.0008456	.0006861	.001485	.0014581	.001324	.0022084	.000329
%RSD	83.97051	25.17735	365.1856	51.09251	177.8370	40.27267	8.669774

#1	.0019580	.0023897	.000211	.0026431	.000433	.0080305	-.003873
#2	.0007228	.0035146	-.002100	.0044058	-.000489	.0041024	-.004082
#3	.0003401	.0022714	.000670	.0015126	-.002177	.0043177	-.003437

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000482	-.000006	.0022190	.0000209	-.000223	.0017672	.0040173
Stddev	.0000757	.000037	.0122180	.0000906	.000045	.0002379	.0141351
%RSD	156.8893	608.4287	550.6019	434.2295	19.96048	13.45894	351.8539

#1	.0000167	.000002	.0114874	.0000712	-.000222	.0016434	.0203222
#2	.0001346	-.000047	.0067964	-.000084	-.000268	.0016168	-.003490
#3	-.000007	.000026	-.011627	.000075	-.000179	.0020414	-.004780

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010409	.0050249	-.000173	.0002177	-.089710	.0009451	-.008566
Stddev	.0005425	.0464672	.000038	.0002227	.083021	.0036351	.006088
%RSD	52.12109	924.7319	21.75185	102.3134	92.54312	384.6210	71.07133

#1	.0012395	-.018599	-.000156	.0001118	-.043719	.0037769	-.005056
#2	.0014561	-.024884	-.000217	.0004736	-.039863	.0022125	-.015595
#3	.0004270	.058558	-.000148	.0000676	-.185548	-.003154	-.005045

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.020125	-.000371	.0071950	.0005973	-.038168	-.001227	-.000012
Stddev	.024158	.000425	.0007397	.0002541	.002564	.000358	.000710
%RSD	120.0349	114.6209	10.28000	42.54505	6.717136	29.20387	5975.059

#1	-.046143	-.000468	.0065698	.0005520	-.038340	-.001211	.000674
#2	-.015829	-.000738	.0070038	.0008710	-.040642	-.001593	.000034
#3	.001595	.000094	.0080115	.0003688	-.035523	-.000877	-.000744

Sample Name: CCB018 Acquired: 5/16/2017 16:35:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) 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	.0003870	.0011002	.0000675
Stddev	.0005439	.0002380	.0000778
%RSD	140.5326	21.62805	115.2533

#1	.0003990	.0013686	.0001507
#2	-.000163	.0009150	.0000552
#3	.000925	.0010171	-.000003

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1757.756	2630.688	54885.56	4297.025	3740.145
Stddev	13.225	17.155	371.21	18.330	27.315
%RSD	.7523737	.6521075	.6763303	.4265637	.7303276

#1	1766.680	2632.776	55107.62	4302.543	3738.298
#2	1764.025	2646.704	55092.03	4276.571	3768.337
#3	1742.562	2612.585	54457.02	4311.962	3713.800

Sample Name: I3076-09 Acquired: 5/16/2017 16:39:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0P4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0655609	-.030252	21.63729	-.057293	.0045102	47.98405	8.437013
Stddev	.0037052	.000432	.11813	.004260	.0012665	.00851	.015246
%RSD	5.651508	1.428791	.5459508	7.434816	28.08130	.0177347	.1807007

#1	.0691318	-.030003	21.55448	-.052914	.0051894	47.98441	8.439331
#2	.0617347	-.030001	21.58484	-.057544	.0030489	47.97536	8.450968
#3	.0658160	-.030751	21.77257	-.061423	.0052921	47.99237	8.420742

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099507	.1123306	730.7473	.0801644	.2499829	.6062791	228.5559
Stddev	.0001035	.0007147	2.6399	.0005793	.0009667	.0028829	.7358
%RSD	1.040096	.6362274	.3612618	.7226529	.3866961	.4755023	.3219145

#1	.0099257	.1117273	732.5878	.0806693	.2491525	.6093767	229.3259
#2	.0098620	.1121445	727.7227	.0795319	.2497521	.6057860	227.8600
#3	.0100644	.1131199	731.9315	.0802920	.2510441	.6036746	228.4817

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.57179	355.3794	.2295527	-.000606	2.193526	.1460067	5.407871
Stddev	.09838	1.3032	.0008083	.000380	.108871	.0043969	.046487
%RSD	.4003898	.3666941	.3521247	62.59264	4.963276	3.011411	.8596261

#1	24.66193	356.8288	.2287407	-.000316	2.075451	.1457429	5.458061
#2	24.46684	354.3044	.2303572	-.001036	2.289934	.1417476	5.366289
#3	24.58661	355.0052	.2295601	-.000467	2.215192	.1505295	5.399262

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.481563	5.143858	-.640562	-.000645	19.61902	5.474924	.0083101
Stddev	.034462	.018754	.005778	.000295	.11739	.023684	.0012645
%RSD	.9898339	.3645830	.9020864	45.77314	.5983290	.4325871	15.21651

#1	3.492407	5.130449	-.638389	-.000648	19.56664	5.470811	.0080089
#2	3.442984	5.135838	-.636186	-.000940	19.53694	5.453567	.0096981
#3	3.509299	5.165289	-.647112	-.000349	19.75348	5.500396	.0072235

Sample Name: I3076-09 Acquired: 5/16/2017 16:39:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0P4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5141767	.0418591	.2940754
Stddev	.0014806	.0002882	.0002746
%RSD	.2879535	.6885231	.0933737

#1	.5128725	.0418166	.2943260
#2	.5138715	.0415945	.2941184
#3	.5157861	.0421662	.2937819

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1697.103	2543.399	54097.15	4678.300	2592.865
Stddev	10.420	4.305	136.22	12.989	6.621
%RSD	.6140024	.1692659	.2518131	.2776347	.2553417

#1	1686.377	2543.102	54004.52	4663.571	2599.686
#2	1697.744	2539.250	54033.36	4688.114	2592.443
#3	1707.188	2547.845	54253.56	4683.213	2586.465

Sample Name: I3076-10 Acquired: 5/16/2017 16:43:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0P5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0599880	-.027690	19.94101	-.052405	.0040758	44.85690	7.998958
Stddev	.0050025	.000924	.06376	.000424	.0018310	.06439	.041735
%RSD	8.339107	3.338452	.3197395	.8091910	44.92365	.1435397	.5217616

#1	.0542138	-.027708	19.99243	-.052887	.0028810	44.78796	8.039588
#2	.0627384	-.026756	19.86967	-.052236	.0031626	44.91548	8.001086
#3	.0630118	-.028605	19.96092	-.052091	.0061838	44.86725	7.956199

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092177	.1068047	685.3837	.0743039	.2328308	.5745265	214.2527
Stddev	.0001118	.0003844	.4220	.0001131	.0012089	.0027725	.2385
%RSD	1.213052	.3599212	.0615654	.1522078	.5192167	.4825627	.1113185

#1	.0091958	.1069081	685.4051	.0741734	.2330114	.5733562	213.9982
#2	.0093389	.1063792	684.9515	.0743747	.2315418	.5725310	214.4711
#3	.0091185	.1071269	685.7946	.0743635	.2339392	.5776921	214.2890

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.93440	333.1076	.2146603	-.000346	2.159188	.1414996	5.019566
Stddev	.00379	.5640	.0005498	.000146	.151507	.0029907	.021274
%RSD	.0165197	.1693249	.2561252	42.07275	7.016871	2.113563	.4238245

#1	22.93178	332.7610	.2145559	-.000286	2.003062	.1401841	5.025877
#2	22.93875	332.8034	.2141702	-.000240	2.168893	.1449225	4.995851
#3	22.93268	333.7584	.2152548	-.000513	2.305610	.1393921	5.036971

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.201418	4.802471	-.605329	.0005774	18.82643	5.549300	.0077622
Stddev	.033129	.012545	.005582	.0001402	.07366	.020565	.0004991
%RSD	1.034830	.2612169	.9220936	24.28790	.3912439	.3705909	6.429909

#1	3.230898	4.811949	-.600739	.0007323	18.79599	5.525918	.0072981
#2	3.207790	4.788245	-.603706	.0004590	18.77287	5.557401	.0076984
#3	3.165566	4.807219	-.611543	.0005409	18.91042	5.564580	.0082901

Sample Name: I3076-10 Acquired: 5/16/2017 16:43:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0P5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4830937	.0384959	.2777783
Stddev	.0017074	.0006356	.0006812
%RSD	.3534340	1.651193	.2452316

#1	.4824453	.0377715	.2783094
#2	.4850304	.0389607	.2780153
#3	.4818055	.0387554	.2770103

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1690.876	2538.395	54027.70	4677.845	2624.519
Stddev	5.220	6.897	124.01	22.113	9.549
%RSD	.3086999	.2716880	.2295258	.4727077	.3638207

#1	1695.462	2530.600	54170.55	4700.896	2614.657
#2	1685.196	2543.705	53947.80	4675.830	2633.720
#3	1691.970	2540.879	53964.73	4656.809	2625.180

Sample Name: I3076-11 Acquired: 5/16/2017 16:47:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0P6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0815387	-.023687	30.75364	-.052686	.0020756	71.12124	13.00938
Stddev	.0039269	.001863	.05329	.002486	.0013845	.08706	.21432
%RSD	4.815979	7.864665	.1732892	4.718869	66.70173	.1224057	1.647424

#1	.0857465	-.025367	30.79564	-.053804	.0005765	71.08076	13.10666
#2	.0808979	-.021684	30.69369	-.054417	.0033061	71.22116	13.15781
#3	.0779716	-.024011	30.77160	-.049837	.0023443	71.06179	12.76368

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097861	.1374370	410.1623	.0932852	.3283766	.7490258	217.9421
Stddev	.0000568	.0001529	1.0572	.0011733	.0000672	.0022996	.4405
%RSD	.5807391	.1112255	.2577519	1.257799	.0204733	.3070122	.2021343

#1	.0097478	.1374752	411.1279	.0920315	.3283623	.7485626	218.0824
#2	.0098514	.1372686	410.3263	.0934671	.3284499	.7469931	218.2955
#3	.0097591	.1375671	409.0326	.0943569	.3283177	.7515218	217.4485

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.77477	179.0079	.3055752	.0014882	1.839611	.2069400	7.245029
Stddev	.04264	.0917	.0006249	.0002129	.026818	.0074642	.009319
%RSD	.1958424	.0512022	.2044994	14.30513	1.457830	3.606944	.1286199

#1	21.82247	179.0807	.3057813	.0016934	1.814472	.2078567	7.246139
#2	21.76154	178.9050	.3048733	.0015029	1.867841	.2139036	7.253743
#3	21.74031	179.0379	.3060710	.0012684	1.836521	.1990598	7.235205

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.312280	5.708786	-.620920	.0002102	22.06273	4.097883	.0122126
Stddev	.019650	.007991	.005689	.0003934	.00514	.015056	.0006655
%RSD	.3698882	.1399810	.9161638	187.1799	.0232952	.3674196	5.449653

#1	5.332534	5.713731	-.627411	.0005066	22.05732	4.115049	.0128934
#2	5.293297	5.713060	-.616802	.0003601	22.06332	4.086915	.0115635
#3	5.311009	5.699567	-.618546	-.000236	22.06755	4.091686	.0121808

Sample Name: I3076-11 Acquired: 5/16/2017 16:47:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0P6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5776747	.0503977	.2806630
Stddev	.0010075	.0004347	.0007584
%RSD	.1744062	.8625367	.2702024

#1	.5779912	.0500612	.2808374
#2	.5784860	.0502436	.2813189
#3	.5765470	.0508885	.2798326

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1776.818	2658.864	56925.54	4875.056	2762.307
Stddev	6.295	4.623	102.82	25.731	4.427
%RSD	.3543031	.1738840	.1806297	.5278043	.1602667

#1	1770.007	2653.600	56975.21	4846.112	2757.696
#2	1782.423	2662.263	56807.31	4883.717	2766.524
#3	1778.024	2660.731	56994.10	4895.338	2762.701

Sample Name: I3076-12 Acquired: 5/16/2017 16:51:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0P7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0821523	-.025320	28.19944	-.058825	.0022570	56.83891	7.770385
Stddev	.0041870	.002254	.06811	.001770	.0002870	.19281	.010215
%RSD	5.096668	8.900755	.2415214	3.008309	12.71631	.3392240	.1314568

#1	.0848254	-.027864	28.18381	-.057693	.0020549	56.67794	7.759199
#2	.0773269	-.024524	28.14050	-.060864	.0025855	56.78618	7.779217
#3	.0843047	-.023573	28.27400	-.057918	.0021306	57.05259	7.772740

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101882	.1505183	534.9234	.1030318	.3150457	.7574976	227.3406
Stddev	.0000169	.0005246	1.5314	.0005153	.0007265	.0030243	1.1863
%RSD	.1659049	.3484980	.2862787	.5001739	.2306121	.3992440	.5217989

#1	.0101744	.1507348	533.1871	.1031079	.3157507	.7609753	226.0527
#2	.0101831	.1499201	536.0815	.1024827	.3142994	.7554840	228.3886
#3	.0102071	.1508998	535.5016	.1035049	.3150869	.7560337	227.5805

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.16963	260.6732	.2925028	.0032134	2.032219	.1755084	7.209394
Stddev	.06590	.5178	.0003157	.0006471	.148211	.0063103	.040199
%RSD	.2844180	.1986460	.1079312	20.13853	7.293085	3.595424	.5575946

#1	23.09397	260.2283	.2927144	.0024682	1.922025	.1827715	7.163092
#2	23.20051	260.5497	.2921400	.0036335	2.200717	.1723814	7.235388
#3	23.21443	261.2416	.2926542	.0035385	1.973916	.1713722	7.229702

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.797365	5.008831	-.654043	.0001843	20.48968	4.784760	.0145411
Stddev	.018285	.012996	.001364	.0005920	.04191	.017894	.0023763
%RSD	.3811490	.2594639	.2085443	321.2129	.2045655	.3739738	16.34204

#1	4.777137	4.994453	-.654557	-.000072	20.51542	4.764669	.0167547
#2	4.802237	5.012297	-.655075	.000861	20.51230	4.798983	.0148384
#3	4.812721	5.019742	-.652497	-.000236	20.44131	4.790627	.0120301

Sample Name: I3076-12 Acquired: 5/16/2017 16:51:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0P7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5174667	.0426674	.2122745
Stddev	.0021876	.0004419	.0002236
%RSD	.4227498	1.035663	.1053399

#1	.5181352	.0422080	.2120654
#2	.5192421	.0427048	.2122478
#3	.5150229	.0430894	.2125102

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1734.777	2601.724	55511.97	4753.938	2673.532
Stddev	7.049	1.154	159.30	14.338	4.541
%RSD	.4063556	.0443606	.2869682	.3016031	.1698319

#1	1736.299	2601.270	55422.06	4767.380	2671.104
#2	1740.941	2603.036	55695.90	4755.588	2678.770
#3	1727.091	2600.866	55417.95	4738.846	2670.722

Sample Name: I3076-13 Acquired: 5/16/2017 16:55:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0P8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0642141	-.030619	23.59982	-.057175	.0035317	49.01263	7.917288
Stddev	.0065329	.001763	.03899	.006463	.0012298	.04576	.040799
%RSD	10.17370	5.758839	.1652251	11.30357	34.82042	.0933616	.5153178

#1	.0608223	-.032647	23.61076	-.063854	.0049189	48.97433	7.870180
#2	.0600746	-.029757	23.55653	-.056719	.0025754	49.06331	7.941318
#3	.0717453	-.029452	23.63218	-.050952	.0031009	49.00026	7.940365

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098901	.1299637	688.1048	.0770013	.2625390	.7087702	224.6459
Stddev	.0000652	.0005316	5.0997	.0005955	.0003065	.0027763	.9803
%RSD	.6595365	.4090093	.7411161	.7733422	.1167417	.3917114	.4363701

#1	.0099405	.1299768	682.3762	.0768855	.2622178	.7075532	223.5143
#2	.0099133	.1294257	692.1496	.0764722	.2628283	.7068102	225.2369
#3	.0098164	.1304886	689.7886	.0776461	.2625708	.7119472	225.1865

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.30199	341.7078	.2469414	.0029024	1.956004	.1432467	6.023066
Stddev	.12092	1.7960	.0002619	.0003084	.097345	.0040200	.003926
%RSD	.4975649	.5255982	.1060596	10.62519	4.976740	2.806343	.0651795

#1	24.16373	339.8671	.2471781	.0030503	1.852289	.1386863	6.019495
#2	24.38801	343.4556	.2469861	.0031090	2.045392	.1447772	6.027270
#3	24.35422	341.8005	.2466600	.0025479	1.970330	.1462766	6.022433

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.113505	4.687632	-.650570	-.000734	19.95521	4.158296	.0085654
Stddev	.019643	.019099	.000600	.000194	.05394	.012268	.0014252
%RSD	.4775313	.4074262	.0922963	26.44917	.2702922	.2950191	16.63856

#1	4.093486	4.709438	-.650689	-.000887	19.99798	4.144991	.0073669
#2	4.132750	4.673880	-.651102	-.000800	19.89462	4.169159	.0101413
#3	4.114281	4.679578	-.649919	-.000516	19.97303	4.160738	.0081882

Sample Name: I3076-13 Acquired: 5/16/2017 16:55:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0P8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4283421	.0410054	.2420827
Stddev	.0018135	.0005918	.0005522
%RSD	.4233718	1.443198	.2280975

#1	.4281304	.0416677	.2416476
#2	.4302521	.0408201	.2427039
#3	.4266438	.0405285	.2418966

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1687.938	2530.645	53835.67	4638.769	2588.795
Stddev	2.478	7.949	236.86	8.105	7.725
%RSD	.1468172	.3141163	.4399643	.1747202	.2984204

#1	1690.708	2522.529	53630.67	4637.642	2580.288
#2	1687.176	2530.991	54094.96	4631.287	2595.374
#3	1685.931	2538.416	53781.39	4647.378	2590.721

Sample Name: I3076-14 Acquired: 5/16/2017 16:59:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0P9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0830649	-.027574	35.11772	-.052817	.0053265	70.18778	9.717009
Stddev	.0021445	.002295	.03030	.002424	.0009217	.24492	.020170
%RSD	2.581767	8.321524	.0862918	4.588640	17.30393	.3489446	.2075738

#1	.0852219	-.029599	35.08595	-.053910	.0044031	69.91794	9.694994
#2	.0809330	-.028041	35.12092	-.050040	.0062464	70.39601	9.721434
#3	.0830398	-.025081	35.14630	-.054502	.0053300	70.24938	9.734599

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105244	.1708956	433.2128	.0949226	.3701041	.9536333	223.9616
Stddev	.0000664	.0005639	1.6808	.0008246	.0009895	.0009242	.2889
%RSD	.6308144	.3299678	.3879889	.8686675	.2673492	.0969153	.1289922

#1	.0105269	.1713184	431.7910	.0941678	.3700429	.9546111	223.6468
#2	.0105895	.1702553	435.0678	.0958026	.3691467	.9527741	224.2146
#3	.0104568	.1711129	432.7796	.0947974	.3711228	.9535147	224.0235

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.48163	208.0936	.3464570	.0056889	1.663647	.1886947	8.185120
Stddev	.08539	.6216	.0016324	.0003390	.073820	.0025626	.018136
%RSD	.3636256	.2987181	.4711655	5.959711	4.437223	1.358068	.2215718

#1	23.40848	207.4361	.3452019	.0054730	1.748886	.1857416	8.205869
#2	23.57545	208.6717	.3458666	.0060797	1.621400	.1903329	8.177195
#3	23.46097	208.1731	.3483024	.0055141	1.620655	.1900098	8.172295

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.134524	5.397020	-.639423	-.000232	23.09161	3.962551	.0155331
Stddev	.031981	.036448	.003172	.000049	.16207	.013514	.0021939
%RSD	.5213245	.6753264	.4960540	21.15190	.7018701	.3410495	14.12395

#1	6.100845	5.422910	-.642065	-.000178	23.19080	3.960141	.0176956
#2	6.138248	5.355340	-.640298	-.000274	22.90458	3.977108	.0155945
#3	6.164480	5.412809	-.635905	-.000245	23.17946	3.950403	.0133091

Sample Name: I3076-14 Acquired: 5/16/2017 16:59:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0P9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5413709	.0495495	.2034343
Stddev	.0026331	.0005752	.0005111
%RSD	.4863844	1.160782	.2512369

#1	.5389211	.0489208	.2029931
#2	.5441554	.0496783	.2033155
#3	.5410363	.0500493	.2039943

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1809.226	2703.591	57733.97	4928.272	2741.057
Stddev	5.042	6.359	41.01	8.808	2.556
%RSD	.2787019	.2352133	.0710395	.1787241	.0932380

#1	1803.450	2708.551	57699.60	4936.001	2740.806
#2	1811.479	2705.800	57779.37	4918.682	2743.729
#3	1812.750	2696.422	57722.94	4930.132	2738.636

Sample Name: I3076-15 Acquired: 5/16/2017 17:03:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Q0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0679984	-.022701	23.80955	-.048497	.0022770	49.73268	7.975368
Stddev	.0018506	.003820	.03074	.005465	.0006188	.06993	.010885
%RSD	2.721587	16.82852	.1291044	11.26766	27.17494	.1406065	.1364837

#1	.0665986	-.024272	23.83090	-.045316	.0018198	49.80544	7.984556
#2	.0700966	-.018346	23.77432	-.045369	.0029812	49.66598	7.978202
#3	.0672998	-.025485	23.82342	-.054807	.0020301	49.72663	7.963346

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089941	.1185685	466.4842	.0862278	.2660036	.6871231	200.6993
Stddev	.0001074	.0004228	1.7213	.0006035	.0008042	.0025692	.8169
%RSD	1.194510	.3565608	.3689868	.6998457	.3023319	.3739115	.4070411

#1	.0089533	.1190517	466.9403	.0868209	.2669121	.6841603	201.1545
#2	.0089131	.1183875	464.5809	.0856145	.2657157	.6887367	199.7562
#3	.0091159	.1182664	467.9315	.0862481	.2653829	.6884722	201.1871

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.60352	228.2820	.2477907	.0015431	1.742496	.1628757	5.758473
Stddev	.08533	.5125	.0007798	.0005967	.039416	.0021520	.072842
%RSD	.4352550	.2245114	.3146869	38.66600	2.262025	1.321253	1.264946

#1	19.64222	228.8590	.2486601	.0010738	1.720467	.1608590	5.841422
#2	19.50570	227.8796	.2475590	.0013410	1.719019	.1626267	5.729059
#3	19.66263	228.1074	.2471531	.0022145	1.788001	.1651414	5.704937

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.418992	5.132756	-.567286	-.000078	21.48819	8.695429	.0285078
Stddev	.027811	.014901	.003762	.000418	.01993	.043932	.0028464
%RSD	.6293416	.2903191	.6631170	538.3262	.0927397	.5052320	9.984557

#1	4.388189	5.146342	-.562978	-.000317	21.47707	8.658609	.0317039
#2	4.426531	5.135105	-.568959	.000405	21.51120	8.683618	.0262460
#3	4.442256	5.116819	-.569921	-.000321	21.47631	8.744058	.0275735

Sample Name: I3076-15 Acquired: 5/16/2017 17:03:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Q0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5744711	.0369490	.2250342
Stddev	.0016244	.0010084	.0003081
%RSD	.2827641	2.729132	.1369191

#1	.5743010	.0359582	.2252854
#2	.5729385	.0369149	.2246904
#3	.5761739	.0379741	.2251268

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1732.369	2609.198	55588.54	4761.882	2738.912
Stddev	8.284	4.534	115.06	7.727	7.202
%RSD	.4781929	.1737682	.2069809	.1622659	.2629465

#1	1729.773	2605.568	55455.91	4755.614	2731.455
#2	1725.694	2614.280	55648.18	4770.515	2745.829
#3	1741.640	2607.745	55661.53	4759.516	2739.452

Sample Name: I3076-16 Acquired: 5/16/2017 17:06:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Q1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0622263	-.025566	22.08180	-.050158	.0018578	44.53591	7.610335
Stddev	.0021783	.003183	.07493	.001380	.0004497	.02280	.021283
%RSD	3.500673	12.45158	.3393131	2.752147	24.20392	.0511970	.2796580

#1	.0647336	-.024347	22.03837	-.051750	.0023369	44.52040	7.586456
#2	.0611469	-.023172	22.03871	-.049429	.0014449	44.52523	7.627306
#3	.0607985	-.029178	22.16832	-.049294	.0017917	44.56209	7.617242

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090326	.1114972	619.5761	.0788852	.2500102	.6418152	209.7917
Stddev	.0001617	.0003624	.7779	.0003732	.0008075	.0007605	.7152
%RSD	1.790527	.3250544	.1255573	.4730410	.3229974	.1184978	.3409205

#1	.0090466	.1114461	619.3314	.0785062	.2497371	.6419999	209.4111
#2	.0088644	.1111629	618.9500	.0792523	.2493746	.6409794	209.3474
#3	.0091869	.1118824	620.4470	.0788971	.2509188	.6424664	210.6168

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.59903	308.8507	.2283509	.0006976	1.860376	.1369487	5.388364
Stddev	.05937	1.1630	.0010798	.0002190	.081621	.0025282	.073059
%RSD	.2748535	.3765530	.4728802	31.38910	4.387353	1.846112	1.355858

#1	21.55859	307.7530	.2271361	.0005697	1.824611	.1369498	5.305564
#2	21.57130	308.7294	.2287150	.0009505	1.953774	.1394764	5.415771
#3	21.66718	310.0695	.2292016	.0005727	1.802742	.1344199	5.443755

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.011394	5.124595	-.593579	-.000770	20.76940	9.320283	.0112600
Stddev	.045659	.021464	.004566	.000504	.09723	.050818	.0015867
%RSD	1.138230	.4188343	.7691787	65.41684	.4681296	.5452405	14.09116

#1	3.960167	5.103853	-.594007	-.000352	20.66759	9.355600	.0110157
#2	4.047805	5.123218	-.588814	-.000628	20.77934	9.262042	.0098097
#3	4.026212	5.146713	-.597916	-.001329	20.86128	9.343208	.0129546

Sample Name: I3076-16 Acquired: 5/16/2017 17:06:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Q1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5240062	.0367212	.2329880
Stddev	.0046206	.0006602	.0008081
%RSD	.8817812	1.797987	.3468623

#1	.5210594	.0374806	.2331746
#2	.5216276	.0363995	.2321029
#3	.5293315	.0362835	.2336865

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1708.413	2576.535	54609.64	4749.730	2671.175
Stddev	6.020	3.278	41.61	16.072	7.148
%RSD	.3523947	.1272077	.0761927	.3383765	.2675832

#1	1711.387	2580.318	54567.72	4736.885	2674.533
#2	1701.484	2574.552	54650.93	4767.752	2676.026
#3	1712.368	2574.735	54610.28	4744.551	2662.967

Sample Name: I3076-17 Acquired: 5/16/2017 17:10:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Q2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0792548	-.025060	33.79024	-.053177	.0025083	66.14155	9.062143
Stddev	.0028954	.001077	.03064	.001194	.0003793	.05818	.022413
%RSD	3.653280	4.295691	.0906867	2.246088	15.12352	.0879662	.2473283

#1	.0780300	-.025227	33.77614	-.053504	.0028609	66.16102	9.059806
#2	.0825614	-.023910	33.76919	-.051853	.0025571	66.07613	9.040990
#3	.0771732	-.026044	33.82540	-.054174	.0021069	66.18750	9.085633

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099654	.1496038	429.1199	.1140425	.3611987	.9801369	218.1858
Stddev	.0001158	.0001330	1.2344	.0007708	.0004132	.0064040	.3172
%RSD	1.162338	.0888902	.2876690	.6759120	.1144013	.6533766	.1453990

#1	.0098353	.1496492	428.5542	.1148321	.3611761	.9728174	218.0699
#2	.0100037	.1494540	428.2697	.1132919	.3607972	.9847075	217.9428
#3	.0100573	.1497081	430.5358	.1140036	.3616227	.9828858	218.5447

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.30426	209.4800	.3437720	.0042615	1.686382	.1879355	7.450264
Stddev	.05981	.3542	.0004939	.0003869	.015007	.0054690	.050886
%RSD	.2681484	.1690881	.1436758	9.080005	.8899048	2.910066	.6830053

#1	22.31309	209.3083	.3443423	.0038337	1.703564	.1856328	7.502525
#2	22.24053	209.2444	.3434930	.0043637	1.675840	.1941793	7.400875
#3	22.35917	209.8874	.3434807	.0045870	1.679742	.1839943	7.447390

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.378481	6.164137	-.618492	.0003484	26.46774	4.143289	.0141254
Stddev	.029942	.013936	.002130	.0001336	.10041	.006154	.0000890
%RSD	.4694221	.2260876	.3443871	38.33451	.3793557	.1485282	.6297822

#1	6.347745	6.162957	-.617633	.0004679	26.56274	4.149448	.0140991
#2	6.380140	6.150828	-.616926	.0002042	26.36268	4.137141	.0142246
#3	6.407560	6.178626	-.620917	.0003731	26.47781	4.143277	.0140526

Sample Name: I3076-17 Acquired: 5/16/2017 17:10:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Q2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5325010	.0464764	.2075476
Stddev	.0025892	.0010352	.0004622
%RSD	.4862235	2.227415	.2227061

#1	.5302371	.0454357	.2078623
#2	.5319420	.0464873	.2070169
#3	.5353240	.0475060	.2077636

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1761.230	2666.624	56334.91	4801.842	2721.219
Stddev	4.311	6.506	337.36	8.697	3.324
%RSD	.2447602	.2439900	.5988483	.1811133	.1221565

#1	1757.575	2671.342	56662.78	4791.802	2720.811
#2	1765.984	2669.328	56353.17	4807.030	2724.728
#3	1760.132	2659.202	55988.80	4806.695	2718.118

Sample Name: I3076-18 Acquired: 5/16/2017 17:14:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Q3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1664807	-.040649	5.436498	-.101794	.0149463	15.08409	18.85567
Stddev	.0018990	.001814	.023837	.002255	.0013298	.06402	.13113
%RSD	1.140660	4.461937	.4384649	2.214936	8.897035	.4244323	.6954320

#1	.1677401	-.042723	5.410201	-.103986	.0145527	15.01723	18.70886
#2	.1674055	-.039865	5.442607	-.101912	.0138578	15.09021	18.89697
#3	.1642965	-.039359	5.456687	-.099482	.0164285	15.14483	18.96118

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084279	.0325358	221.1913	.2758650	.0723884	.4856961	429.9474
Stddev	.0000917	.0001493	.5385	.0019754	.0001965	.0016463	2.0314
%RSD	1.087550	.4589668	.2434589	.7160762	.2714375	.3389653	.4724851

#1	.0083371	.0325482	220.7189	.2758332	.0723052	.4874109	428.4684
#2	.0084261	.0326785	221.0774	.2739056	.0726128	.4841281	429.1101
#3	.0085204	.0323806	221.7777	.2778561	.0722472	.4855494	432.2636

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.166783	106.4164	.1524699	-.014166	3.014628	.3212126	5.977506
Stddev	.025723	.3935	.0003602	.000399	.062017	.0056471	.064827
%RSD	.4978457	.3698139	.2362498	2.817031	2.057214	1.758070	1.084511

#1	5.149925	106.1687	.1520568	-.013901	3.028652	.3159377	5.920218
#2	5.154034	106.2104	.1527181	-.014625	3.068433	.3271700	5.964424
#3	5.196390	106.8702	.1526348	-.013972	2.946800	.3205301	6.047876

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2841827	2.541434	-1.25929	.0026736	16.17184	5.680483	.0072392
Stddev	.0186470	.001761	.01143	.0001453	.05943	.042379	.0002925
%RSD	6.561631	.0692892	.9072973	5.434364	.3675130	.7460370	4.040416

#1	.2680663	2.540204	-1.25343	.0027839	16.12775	5.665439	.0074223
#2	.2798753	2.543451	-1.25199	.0027280	16.14834	5.647679	.0073935
#3	.3046065	2.540648	-1.27246	.0025090	16.23944	5.728331	.0069019

Sample Name: I3076-18 Acquired: 5/16/2017 17:14:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Q3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4855875	.0074621	.2361985
Stddev	.0004882	.0002729	.0013202
%RSD	.1005406	3.657078	.5589158

#1	.4850343	.0072930	.2351054
#2	.4857702	.0073164	.2358250
#3	.4859580	.0077770	.2376652

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1648.411	2464.858	53012.40	4404.712	2996.523
Stddev	12.003	4.561	306.53	26.497	3.702
%RSD	.7281642	.1850478	.5782314	.6015684	.1235286

#1	1660.857	2461.244	53366.30	4422.902	2997.328
#2	1647.469	2469.983	52829.69	4416.924	2999.755
#3	1636.906	2463.347	52841.23	4374.311	2992.485

Sample Name: I3076-19 Acquired: 5/16/2017 17:19:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Q4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0652071	-.018925	9.292823	-.041493	.0034650	24.10893	16.43247
Stddev	.0005189	.001233	.058701	.004215	.0015596	.10730	.09668
%RSD	.7958384	6.515219	.6316849	10.15856	45.00817	.4450498	.5883422

#1	.0650752	-.020197	9.239672	-.041378	.0052657	24.01132	16.32369
#2	.0647669	-.017735	9.282969	-.045764	.0025874	24.22381	16.50860
#3	.0657793	-.018842	9.355827	-.037336	.0025421	24.09165	16.46513

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065078	.0411011	415.9275	.0955816	.1178914	.3249345	175.4276
Stddev	.0001091	.0002600	1.0123	.0003347	.0008158	.0002054	.5584
%RSD	1.676411	.6324589	.2433864	.3501976	.6919675	.0631976	.3183151

#1	.0064881	.0410232	414.8439	.0959050	.1170847	.3246987	175.1267
#2	.0066254	.0408891	416.0896	.0956031	.1178736	.3250303	175.0841
#3	.0064099	.0413912	416.8490	.0952366	.1187159	.3250744	176.0719

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.84376	199.3820	.1232970	-.003120	1.583302	.1435332	2.901888
Stddev	.02021	.3562	.0016694	.000104	.067083	.0020353	.021057
%RSD	.1573523	.1786676	1.353934	3.334748	4.236900	1.417998	.7256244

#1	12.82385	199.0173	.1215517	-.003237	1.505974	.1431941	2.884539
#2	12.84317	199.3996	.1234611	-.003082	1.625887	.1457167	2.925315
#3	12.86426	199.7291	.1248783	-.003040	1.618045	.1416887	2.895810

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.417534	2.520770	-.494431	.0007817	21.86971	7.586661	.0114759
Stddev	.042973	.018141	.000885	.0001398	.23829	.032304	.0004315
%RSD	3.031539	.7196461	.1790175	17.88533	1.089593	.4257947	3.760149

#1	1.369385	2.503814	-.494362	.0006581	21.64480	7.549923	.0118104
#2	1.451999	2.518597	-.493583	.0009334	21.84489	7.599438	.0109888
#3	1.431216	2.539900	-.495349	.0007537	22.11944	7.610621	.0116285

Sample Name: I3076-19 Acquired: 5/16/2017 17:19:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Q4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5047946	.0191876	.2176822
Stddev	.0025472	.0007220	.0011378
%RSD	.5045994	3.763056	.5226702

#1	.5018889	.0184201	.2163723
#2	.5058526	.0198534	.2184243
#3	.5066422	.0192892	.2182500

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1629.002	2443.875	52362.51	4444.838	2809.219
Stddev	8.465	6.930	51.07	19.163	7.417
%RSD	.5196525	.2835663	.0975365	.4311262	.2640111

#1	1630.032	2438.703	52315.14	4466.958	2812.723
#2	1620.069	2451.749	52355.77	4434.282	2814.235
#3	1636.905	2441.173	52416.62	4433.274	2800.700

Sample Name: I3076-20 Acquired: 5/16/2017 17:23:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Q5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0464849	-.017734	8.215365	-.043372	.0029636	19.82589	10.88976
Stddev	.0020251	.001910	.004656	.002458	.0017379	.09892	.04601
%RSD	4.356488	10.76780	.0566780	5.668136	58.64240	.4989458	.4225132

#1	.0442000	-.017531	8.216780	-.045560	.0048634	19.93542	10.92003
#2	.0471968	-.015934	8.210165	-.043842	.0014540	19.79917	10.91243
#3	.0480580	-.019737	8.219149	-.040712	.0025733	19.74306	10.83681

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059565	.0393751	462.6372	.0835991	.1107268	.2226623	166.3033
Stddev	.0000644	.0001255	1.5610	.0010499	.0000604	.0016549	.5710
%RSD	1.081835	.3187151	.3374077	1.255878	.0545713	.7432383	.3433513

#1	.0059597	.0395160	462.6789	.0843012	.1107961	.2242838	165.9784
#2	.0058905	.0393343	461.0558	.0823921	.1106850	.2209759	165.9689
#3	.0060193	.0392752	464.1769	.0841039	.1106993	.2227272	166.9626

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.71094	227.6369	.1084463	-.003103	1.530453	.1172297	2.421654
Stddev	.03442	.4406	.0001905	.000243	.217202	.0019899	.036580
%RSD	.2510053	.1935343	.1756875	7.816606	14.19201	1.697431	1.510544

#1	13.69632	227.1298	.1085271	-.002879	1.743835	.1167027	2.462524
#2	13.68625	227.8556	.1082287	-.003071	1.537901	.1194301	2.410461
#3	13.75025	227.9253	.1085832	-.003361	1.309623	.1155564	2.391979

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.077084	2.509541	-.468426	-.000088	15.64872	4.178939	.0082162
Stddev	.024906	.003433	.002554	.000038	.04946	.013440	.0003858
%RSD	2.312393	.1367931	.5453052	43.79824	.3160627	.3216170	4.695970

#1	1.082722	2.505606	-.471170	-.000080	15.60609	4.190036	.0083992
#2	1.098688	2.511089	-.467991	-.000053	15.63713	4.163995	.0084766
#3	1.049842	2.511927	-.466117	-.000129	15.70295	4.182787	.0077730

Sample Name: I3076-20 Acquired: 5/16/2017 17:23:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Q5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4357101	.0166387	.1890093
Stddev	.0025863	.0006473	.0005692
%RSD	.5935814	3.890102	.3011728

#1	.4358611	.0160873	.1896615
#2	.4382177	.0173513	.1887544
#3	.4330517	.0164775	.1886121

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1615.878	2437.666	51730.30	4412.438	2786.262
Stddev	16.309	4.570	117.39	29.787	2.706
%RSD	1.009287	.1874772	.2269287	.6750797	.0971148

#1	1599.860	2434.816	51608.45	4390.800	2783.196
#2	1615.310	2442.937	51739.81	4446.412	2788.319
#3	1632.463	2435.245	51842.65	4400.102	2787.269

Sample Name: I3076-21 Acquired: 5/16/2017 17:27:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Q6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0487328	-.026298	10.92823	-.050082	.0026938	24.93096	14.50875
Stddev	.0021790	.002493	.04630	.002145	.0010501	.06700	.23507
%RSD	4.471258	9.478283	.4236969	4.282676	38.98155	.2687524	1.620202

#1	.0498104	-.026052	10.94533	-.049468	.0015088	24.89753	14.75365
#2	.0462250	-.028905	10.87581	-.048311	.0035086	25.00810	14.48767
#3	.0501629	-.023938	10.96355	-.052467	.0030641	24.88725	14.28493

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073302	.0535694	697.0078	.0715432	.1269341	.3178833	195.3279
Stddev	.0001000	.0003325	1.4537	.0003574	.0005986	.0031075	.2372
%RSD	1.364791	.6206452	.2085618	.4995056	.4715957	.9775656	.1214215

#1	.0072255	.0536635	695.4701	.0713903	.1275147	.3143640	195.1564
#2	.0073402	.0532000	698.3596	.0712877	.1263189	.3190364	195.2287
#3	.0074249	.0538447	697.1937	.0719516	.1269687	.3202493	195.5985

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.13082	346.7768	.1197584	-.002807	1.854937	.1020546	2.894833
Stddev	.02874	.6320	.0009099	.000454	.081366	.0015395	.044993
%RSD	.1502040	.1822598	.7598025	16.18066	4.386477	1.508463	1.554249

#1	19.10016	346.0499	.1197979	-.002575	1.936282	.1007853	2.843280
#2	19.15713	347.1970	.1188293	-.002516	1.773550	.1016114	2.915033
#3	19.13518	347.0835	.1206479	-.003331	1.854978	.1037670	2.926185

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.788711	3.007131	-.555706	-.000697	21.70518	6.723889	.0085286
Stddev	.022452	.011749	.000850	.000336	.07750	.008442	.0007168
%RSD	1.255232	.3907029	.1529305	48.21519	.3570634	.1255560	8.404855

#1	1.778239	3.011449	-.556664	-.000388	21.73813	6.720519	.0087739
#2	1.773407	2.993834	-.555412	-.000649	21.61664	6.717653	.0077213
#3	1.814486	3.016110	-.555043	-.001054	21.76076	6.733496	.0090906

Sample Name: I3076-21 Acquired: 5/16/2017 17:27:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Q6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4292587	.0256258	.2653357
Stddev	.0014773	.0003042	.0006999
%RSD	.3441578	1.187181	.2637691

#1	.4306805	.0257396	.2659235
#2	.4293642	.0252811	.2655222
#3	.4277315	.0258567	.2645615

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1627.351	2431.419	51731.25	4455.716	2655.582
Stddev	12.364	2.170	96.02	9.301	7.119
%RSD	.7597550	.0892668	.1856196	.2087536	.2680644

#1	1628.886	2432.435	51788.66	4459.438	2649.949
#2	1614.291	2432.896	51620.39	4462.581	2663.583
#3	1638.875	2428.927	51784.69	4445.130	2653.215

Sample Name: I3076-22 Acquired: 5/16/2017 17:31:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Q7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0444307	-.018674	7.875855	-.037534	.0023455	17.41163	4.401873
Stddev	.0022238	.001523	.008175	.002111	.0004299	.02596	.010630
%RSD	5.005170	8.156873	.1038039	5.625278	18.32777	.1491172	.2414954

#1	.0452304	-.016965	7.866433	-.036062	.0023643	17.39473	4.392677
#2	.0419176	-.019169	7.880059	-.036588	.0027656	17.44152	4.399431
#3	.0461441	-.019888	7.881073	-.039953	.0019065	17.39862	4.413513

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058129	.0413880	451.4721	.0790507	.1088763	.1833332	155.9977
Stddev	.0001149	.0000910	2.1519	.0001487	.0002559	.0021693	.7771
%RSD	1.976611	.2198701	.4766310	.1880911	.2350390	1.183252	.4981331

#1	.0059455	.0413785	449.9640	.0789863	.1085852	.1810885	155.2214
#2	.0057422	.0413021	450.5159	.0789451	.1090659	.1854182	155.9963
#3	.0057510	.0414834	453.9363	.0792207	.1089777	.1834930	156.7755

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.37935	221.8472	.1026734	-.002357	1.472699	.1094431	2.995850
Stddev	.06624	.7811	.0002277	.000233	.256482	.0051202	.007087
%RSD	.4951174	.3520708	.2217415	9.890194	17.41580	4.678365	.2365634

#1	13.33366	221.0884	.1024422	-.002548	1.519996	.1057377	2.998202
#2	13.34906	221.8045	.1026808	-.002425	1.195861	.1073062	2.987886
#3	13.45532	222.6487	.1028973	-.002097	1.702242	.1152856	3.001462

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8262500	2.441681	-.434365	-.000509	10.84872	5.792126	.0021611
Stddev	.0269326	.011911	.005918	.000146	.01188	.024757	.0009341
%RSD	3.259617	.4878332	1.362464	28.59833	.1094635	.4274176	43.22461

#1	.8013549	2.427932	-.432714	-.000369	10.84173	5.792729	.0032049
#2	.8225562	2.448232	-.429448	-.000659	10.84200	5.767073	.0018749
#3	.8548388	2.448878	-.440933	-.000499	10.86243	5.816575	.0014036

Sample Name: I3076-22 Acquired: 5/16/2017 17:31:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0Q7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4106143	.0152424	.1507920
Stddev	.0011103	.0009200	.0000685
%RSD	.2704084	6.036130	.0454067

#1	.4109477	.0142766	.1508621
#2	.4093755	.0153422	.1507253
#3	.4115198	.0161085	.1507885

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1630.244	2450.292	52304.65	4466.867	2817.184
Stddev	9.469	8.140	152.33	14.270	1.851
%RSD	.5808143	.3322234	.2912402	.3194633	.0657125

#1	1638.501	2447.327	52465.17	4460.867	2818.217
#2	1619.909	2444.050	52162.11	4483.157	2815.047
#3	1632.322	2459.499	52286.66	4456.576	2818.288

Sample Name: CCV019 Acquired: 5/16/2017 17:56:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.098408	4.890623	24.62642	5.036244	5.111719	373.5909
Stddev	.009691	.007035	.04429	.009630	.007280	1.5793
%RSD	.1900848	.1438431	.1798544	.1912065	.1424137	.4227450

#1	5.092165	4.898680	24.57847	5.029551	5.119780	374.7428
#2	5.093488	4.887489	24.66580	5.031900	5.105623	371.7906
#3	5.109573	4.885699	24.63500	5.047280	5.109755	374.2395

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.32955	.5110319	2.456514	392.2797	15.09669	2.489848
Stddev	.05203	.0025934	.006042	1.4605	.02634	.005286
%RSD	.5037293	.5074756	.2459662	.3723217	.1744864	.2123122

#1	10.35326	.5110972	2.452328	390.8960	15.08893	2.489541
#2	10.26988	.5084066	2.463441	392.1366	15.07510	2.495281
#3	10.36550	.5135921	2.453773	393.8065	15.12604	2.484722

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.43970	375.2868	14.35015	387.1037	2.478184	1.269284
Stddev	.11080	1.3938	.05679	1.3899	.003067	.002701
%RSD	.7176103	.3713837	.3957643	.3590561	.1237616	.2128260

#1	15.51499	375.2936	14.30920	386.6927	2.481128	1.266246
#2	15.31248	373.8897	14.32626	385.9656	2.478417	1.271415
#3	15.49164	376.6772	14.41498	388.6528	2.475007	1.270191

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	405.2941	2.477520	14.10050	160.7301	5.267506	F 4.402893
Stddev	1.5630	.007358	.05497	.9884	.016601	.019228
%RSD	.3856378	.2969896	.3898117	.6149279	.3151611	.4367210

#1	406.6462	2.480940	14.04851	161.5309	5.253578	4.403439
#2	403.5828	2.482546	14.15802	159.6255	5.285876	4.383398
#3	405.6532	2.469075	14.09496	161.0341	5.263063	4.421843

Sample Name: CCV019 Acquired: 5/16/2017 17:56:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV019 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.019453	4.479476	5.150709	4.957158	5.080421	5.349312
Stddev	.007277	.020780	.024775	.010529	.016067	.040844
%RSD	.1449831	.4638910	.4810097	.2123908	.3162630	.7635310

#1	5.027485	4.479044	5.161565	4.956989	5.087461	5.382239
#2	5.013298	4.458916	5.122359	4.967770	5.062035	5.303607
#3	5.017575	4.500469	5.168204	4.946715	5.091767	5.362090

Elem	Sr4077
Units	ppm
Avg	5.212561
Stddev	.027535
%RSD	.5282479

#1	5.236833
#2	5.182639
#3	5.218209

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1418.997	2161.293	45965.20	3964.351	2444.904
Stddev	9.360	4.569	57.97	8.387	2.657
%RSD	.6596114	.2114159	.1261150	.2115549	.1086920

#1	1426.821	2156.315	45902.29	3956.617	2444.444
#2	1408.628	2165.295	45976.83	3973.266	2442.507
#3	1421.542	2162.271	46016.47	3963.169	2447.762

Sample Name: CCB019 Acquired: 5/16/2017 17:59:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000514	.0022553	-.000768	.0014331	-.000966	.0083549
Stddev	.000582	.0007309	.001556	.0007376	.000917	.0006552
%RSD	113.0768	32.41072	202.5952	51.46876	94.85366	7.842515

#1	-.000936	.0028587	.000939	.0018661	-.000070	.0076178
#2	.000149	.0024647	-.002107	.0005814	-.001902	.0088714
#3	-.000757	.0014425	-.001135	.0018518	-.000927	.0085755

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003512	.0000750	-.000050	.0116320	-.000031	.0000910
Stddev	.000557	.0000098	.000030	.0086412	.000306	.0001594
%RSD	15.87217	13.09185	59.48447	74.28828	980.1294	175.1386

#1	-.002868	.0000697	-.000043	.0172224	-.000194	-.000087
#2	-.003841	.0000863	-.000083	.0016792	.000322	.000221
#3	-.003826	.0000689	-.000025	.0159943	-.000222	.000139

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006476	.0080804	.0013775	.0093292	-.000058	.0000407
Stddev	.0013906	.0076170	.0007519	.0306908	.000227	.0002228
%RSD	214.7324	94.26473	54.58535	328.9761	395.1311	546.9500

#1	.0014210	.0126171	.0017089	.0174898	-.000253	-.000185
#2	.0014796	-.000713	.0019069	-.024617	.000192	.000261
#3	-.000958	.012338	.0005168	.035115	-.000112	.000046

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.052509	-.002152	-.012380	.0327838	.0005064	F .0102640
Stddev	.159856	.002904	.023495	.0175555	.0028316	.0009190
%RSD	304.4324	134.9146	189.7815	53.54944	559.2183	8.954017

#1	.072634	-.003475	-.012294	.0433194	.0035671	.0113015
#2	.002427	-.004159	-.035918	.0425142	-.002020	.0099387
#3	-.232589	.001177	.011072	.0125177	-.000028	.0095519

Sample Name: CCB019 Acquired: 5/16/2017 17:59:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v11) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB019 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006774	-.046347	-.000477	.0001764	.0000934	.0024970
Stddev	.0000919	.008744	.000680	.0001132	.0010326	.0004649
%RSD	13.56869	18.86649	142.4559	64.19024	1105.444	18.61981

#1	.0007646	-.047814	-.000009	.0002834	.0005838	.0025010
#2	.0006863	-.036962	-.000166	.0000579	-.001093	.0020301
#3	.0005814	-.054264	-.001257	.0001878	.000789	.0029599

Elem	Sr4077
Units	ppm
Avg	.0000796
Stddev	.0000927
%RSD	116.3645

#1	.0001282
#2	.0001379
#3	-.000027

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1737.990	2643.751	54266.49	4273.236	3760.553
Stddev	17.075	10.299	530.25	5.437	17.402
%RSD	.9824836	.3895538	.9771243	.1272383	.4627445

#1	1739.962	2648.947	54238.66	4278.566	3773.169
#2	1720.014	2631.889	53750.70	4273.446	3740.701
#3	1753.994	2650.417	54810.10	4267.698	3767.790