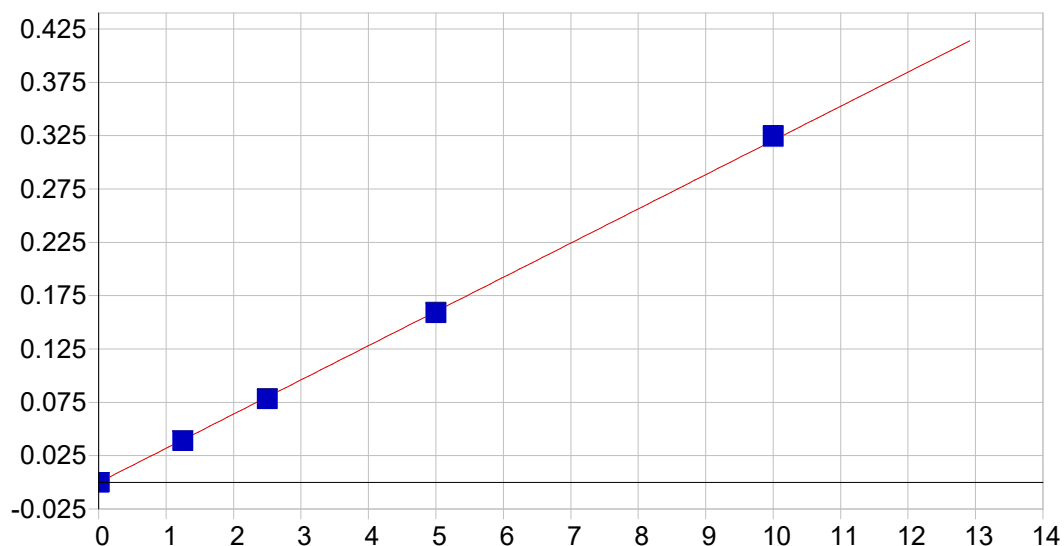


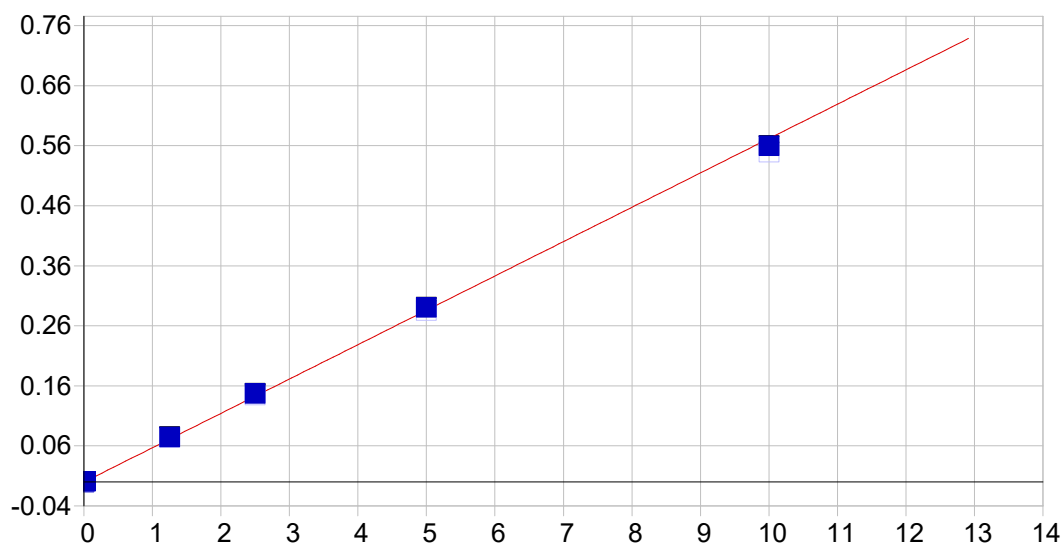


As 189.042 {479}

Date of Fit: 10/16/2019 12:54:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000178	Re-Slope:	1.000000
A1 (Gain):	0.032063	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999892	Status:	OK.
Std Error of Est:	0.000008		
Predicted MDL:	0.004277		
Predicted MQL:	0.014257		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00018	.000	1
S1	.01000	.01174	.002	17.4	.00020	.000	1
S2	1.2500	1.2232	-.027	-2.14	.03895	.000	1
S3	2.5000	2.4406	-.059	-2.38	.07788	.000	1
S4	5.0000	4.9633	-.037	-.734	.15858	.001	1
S5	10.000	10.121	.121	1.21	.32358	.001	1

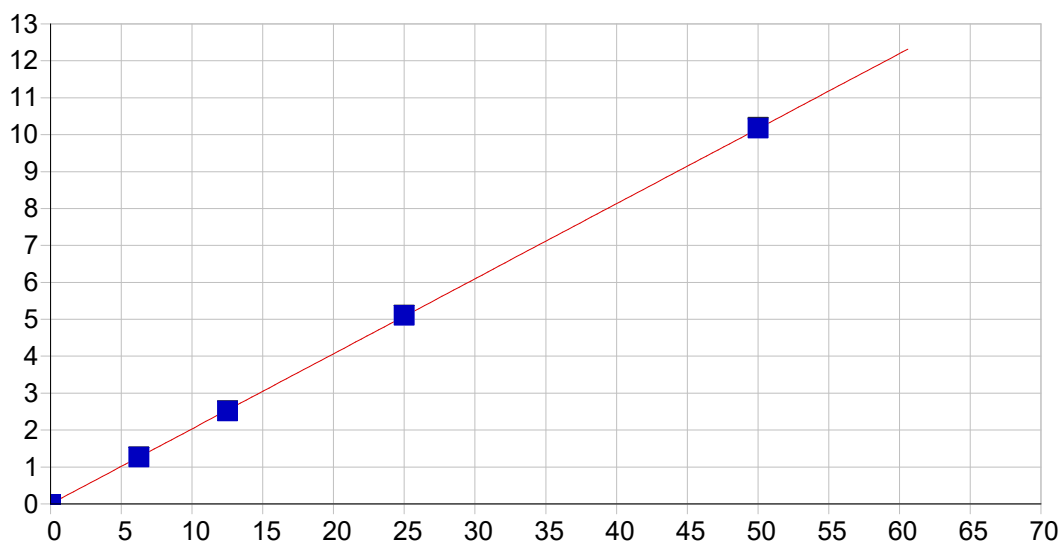


TI 190.856 {477}

Date of Fit: 10/16/2019 12:54:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000325 Re-Slope: 1.000000
 A1 (Gain): 0.057223 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999695 Status: OK.
 Std Error of Est: 0.000037
 Predicted MDL: 0.002560
 Predicted MQL: 0.008534

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00033	.000	1
S1	.02500	.02446	-.001	-2.15	.00101	.000	1
S2	1.2500	1.3130	.063	5.04	.07349	.000	1
S3	2.5000	2.5719	.072	2.88	.14421	.001	1
S4	5.0000	5.0785	.078	1.57	.28501	.001	1
S5	10.000	9.7871	-.213	-2.13	.54917	.000	1

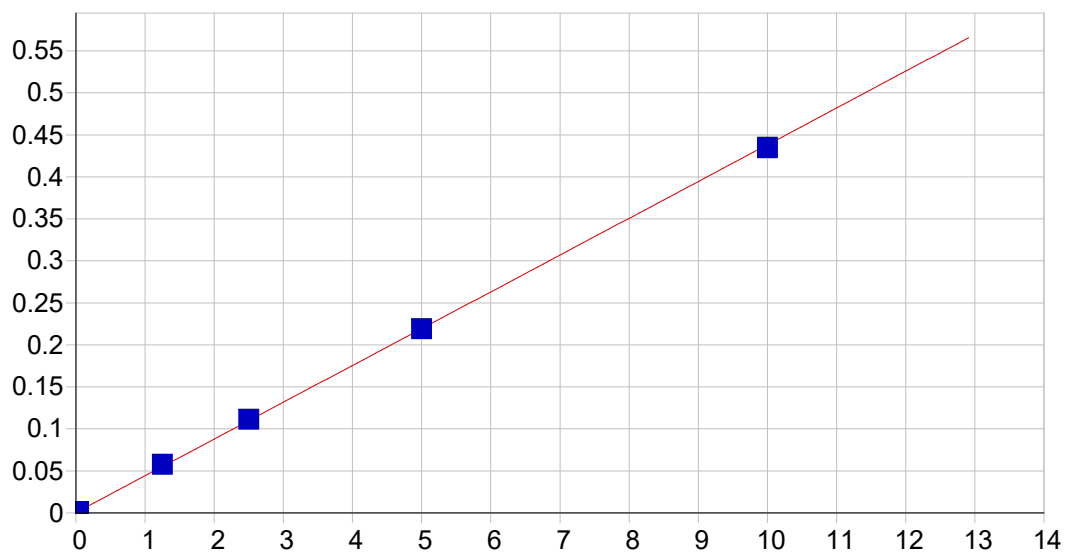


Pb 220.353 {453}

Date of Fit: 10/16/2019 12:54:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000530	Re-Slope:	1.000000
A1 (Gain):	0.203245	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999987	Status:	OK.
Std Error of Est:	0.000039		
Predicted MDL:	0.001723		
Predicted MQL:	0.005743		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00053	.000	1
S1	.01000	.00933	-.001	-6.68	.00243	.000	1
S2	6.2500	6.2162	-.034	-.541	1.2642	.001	1
S3	12.500	12.358	-.142	-1.13	2.5128	.006	1
S4	25.000	25.117	.117	.468	5.1064	.003	1
S5	50.000	50.059	.059	.119	10.177	.021	1

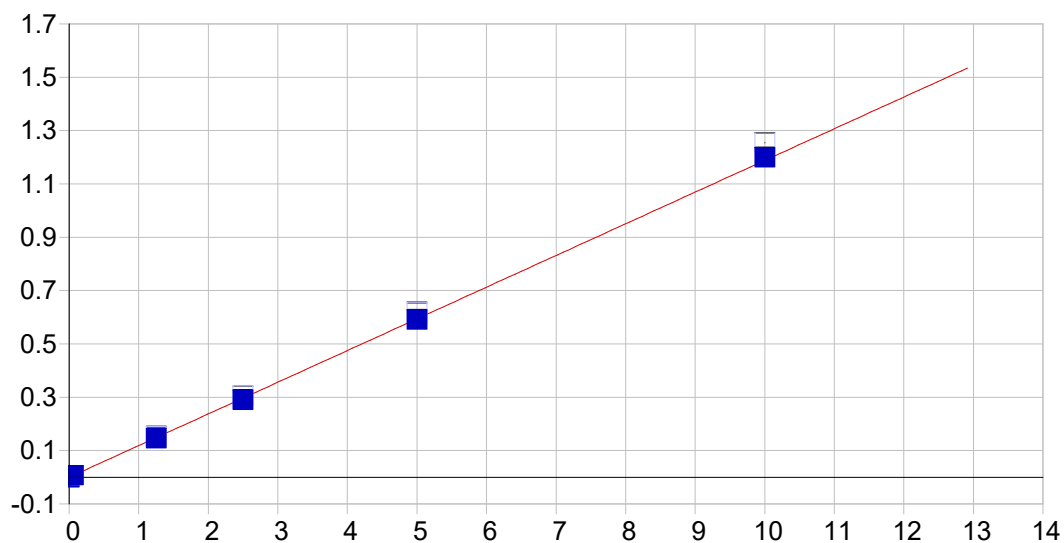


Se 196.090 {472}

Date of Fit: 10/16/2019 12:54:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000433 Re-Slope: 1.000000
 A1 (Gain): 0.043778 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999901 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.004103
 Predicted MQL: 0.013676

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00043	.000	1
S1	.03500	.03448	-.001	-1.49	.00194	.000	1
S2	1.2500	1.3070	.057	4.56	.05751	.000	1
S3	2.5000	2.5328	.033	1.31	.11103	.000	1
S4	5.0000	4.9920	-.008	-.160	.21840	.000	1
S5	10.000	9.9186	-.081	-.814	.43350	.001	1

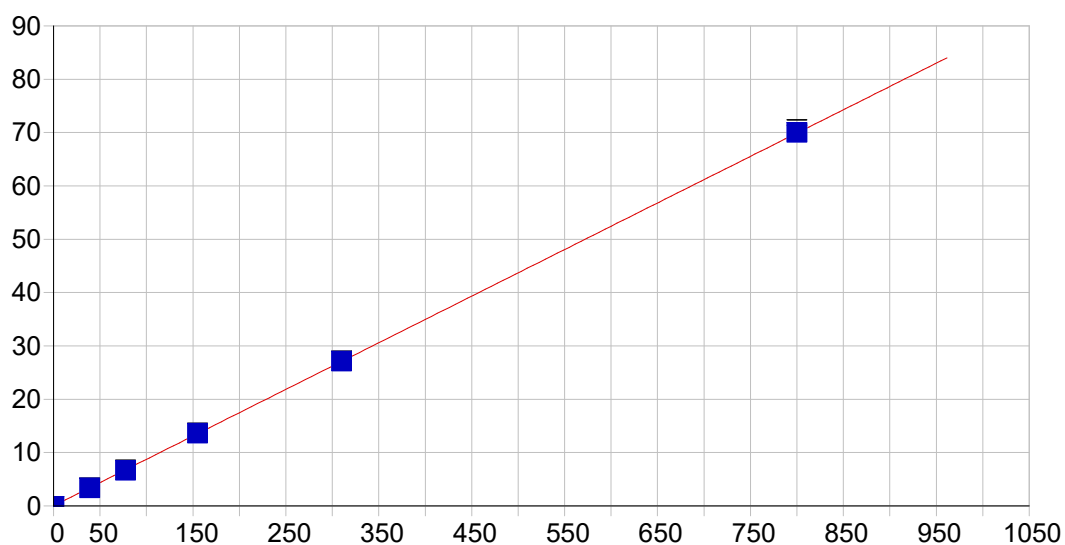


Sb 206.833 {463}

Date of Fit: 10/16/2019 12:54:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000064 Re-Slope: 1.000000
 A1 (Gain): 0.118808 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999930 Status: OK.
 Std Error of Est: 0.000060
 Predicted MDL: 0.002002
 Predicted MQL: 0.006675

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00006	.000	1
S1	.06000	.06422	.004	7.04	.00757	.000	1
S2	1.2500	1.2325	-.018	-1.40	.15320	.001	1
S3	2.5000	2.4431	-.057	-2.28	.30387	.001	1
S4	5.0000	4.9749	-.025	-.502	.61835	.002	1
S5	10.000	10.095	.095	.955	1.2541	.001	1

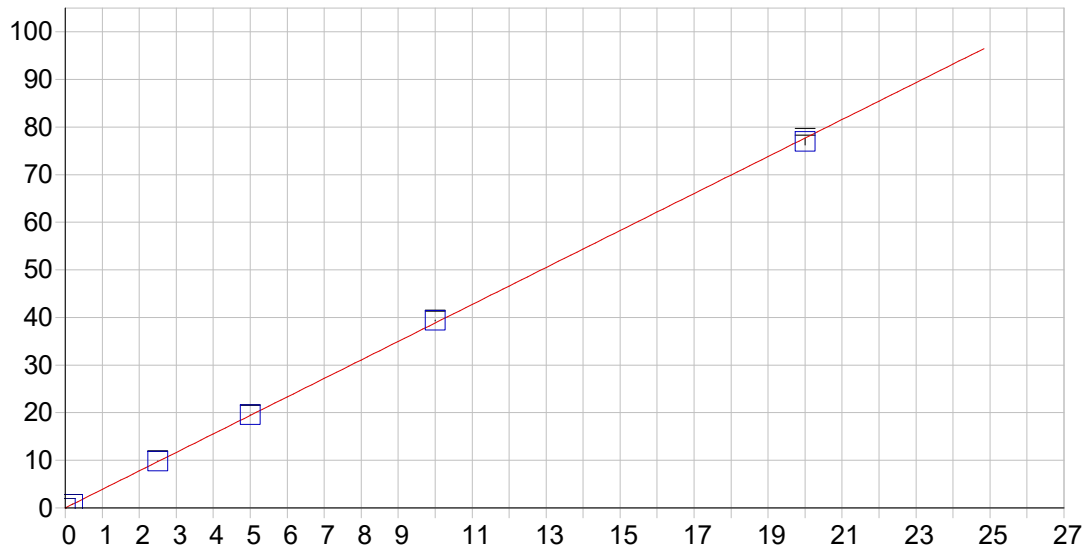


AI 396.152 { 85}

Date of Fit: 10/16/2019 12:54:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004812 Re-Slope: 1.000000
 A1 (Gain): 0.087382 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999990 Status: OK.
 Std Error of Est: 0.000249
 Predicted MDL: 0.009695
 Predicted MQL: 0.032317

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00481	.000	1
S1	.20000	.19741	-.003	-1.30	.02236	.001	1
S2	38.750	38.334	-.416	-1.07	3.3613	.001	1
S3	77.500	76.207	-1.29	-1.67	6.6774	.038	1
S4	155.00	155.48	.480	.310	13.618	.058	1
S5	310.00	310.18	.181	.058	27.163	.104	1
S6	800.00	801.05	1.05	.131	70.046	.525	1

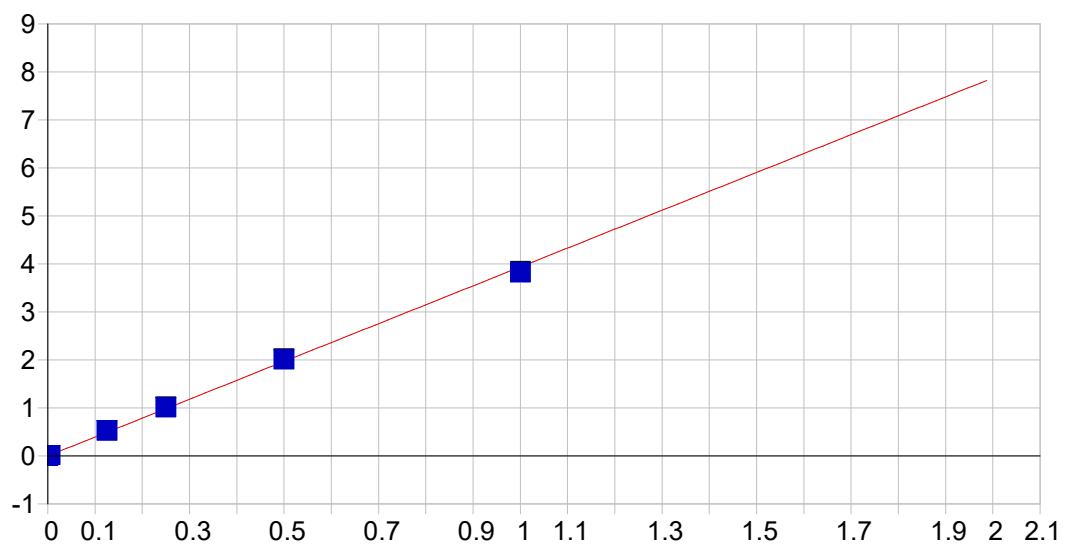


Ba 493.409 { 68}

Date of Fit: 10/16/2019 12:54:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005747 Re-Slope: 1.000000
 A1 (Gain): 3.884331 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999942 Status: OK.
 Std Error of Est: 0.004428
 Predicted MDL: 0.000497
 Predicted MQL: 0.001656

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00573	.001	1
S1	.20000	.19921	-.001	-.395	.77954	.007	1
S2	2.5000	2.5322	.032	1.29	9.8417	.007	1
S3	5.0000	5.0261	.026	.522	19.529	.035	1
S4	10.000	10.137	.137	1.37	39.382	.092	1
S5	20.000	19.805	-.195	-.974	76.936	.716	1

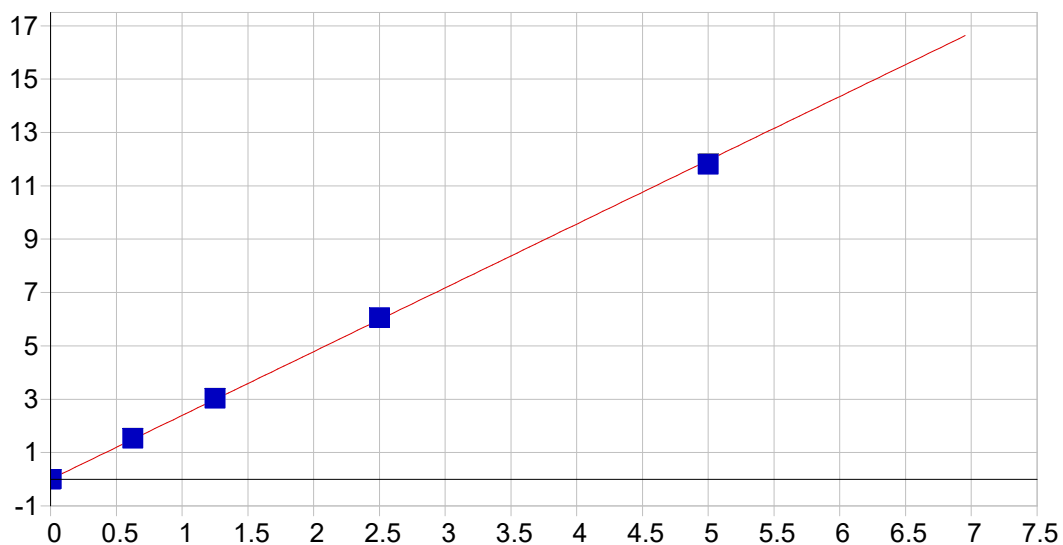


Be 234.861 {144}

Date of Fit: 10/16/2019 12:54:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000615	Re-Slope:	1.000000
A1 (Gain):	3.937127	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999492	Status:	OK.
Std Error of Est:	0.000470		
Predicted MDL:	0.000080		
Predicted MQL:	0.000265		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00062	.000	1
S1	.00500	.00514	.000	2.81	.01961	.000	1
S2	.12500	.13380	.009	7.04	.52452	.002	1
S3	.25000	.25815	.008	3.26	1.0125	.002	1
S4	.50000	.51081	.011	2.16	2.0040	.013	1
S5	1.0000	.97211	-.028	-2.79	3.8136	.017	1

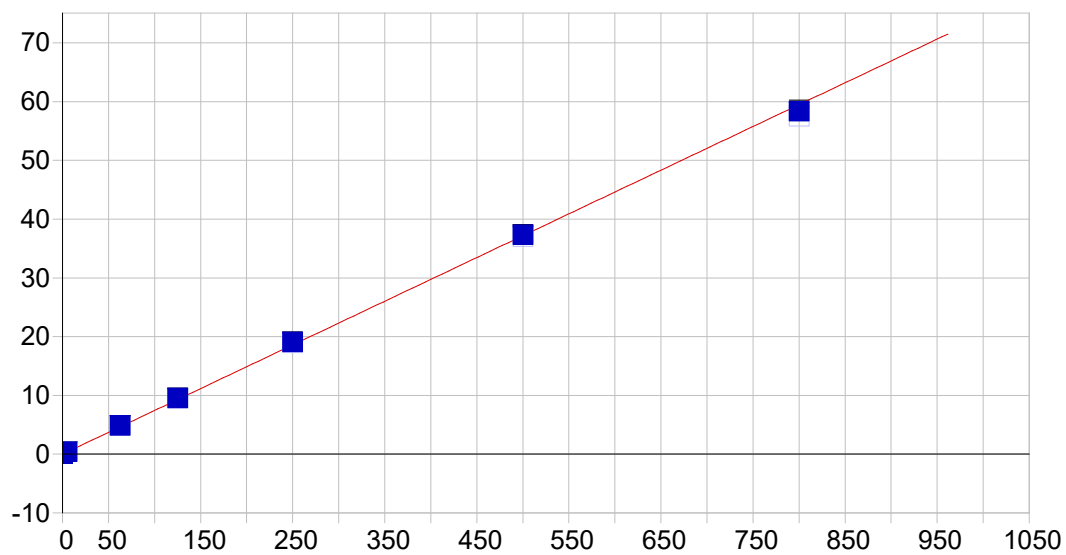


Cd 214.438 {457}

Date of Fit: 10/16/2019 12:54:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000136 Re-Slope: 1.000000
 A1 (Gain): 2.391696 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999900 Status: OK.
 Std Error of Est: 0.000284
 Predicted MDL: 0.000093
 Predicted MQL: 0.000309

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00013	.000	1
S1	.00500	.00512	.000	2.32	.01238	.000	1
S2	.62500	.64079	.016	2.53	1.5350	.002	1
S3	1.2500	1.2655	.016	1.24	3.0315	.004	1
S4	2.5000	2.5334	.033	1.34	6.0685	.003	1
S5	5.0000	4.9351	-.065	-1.30	11.822	.020	1

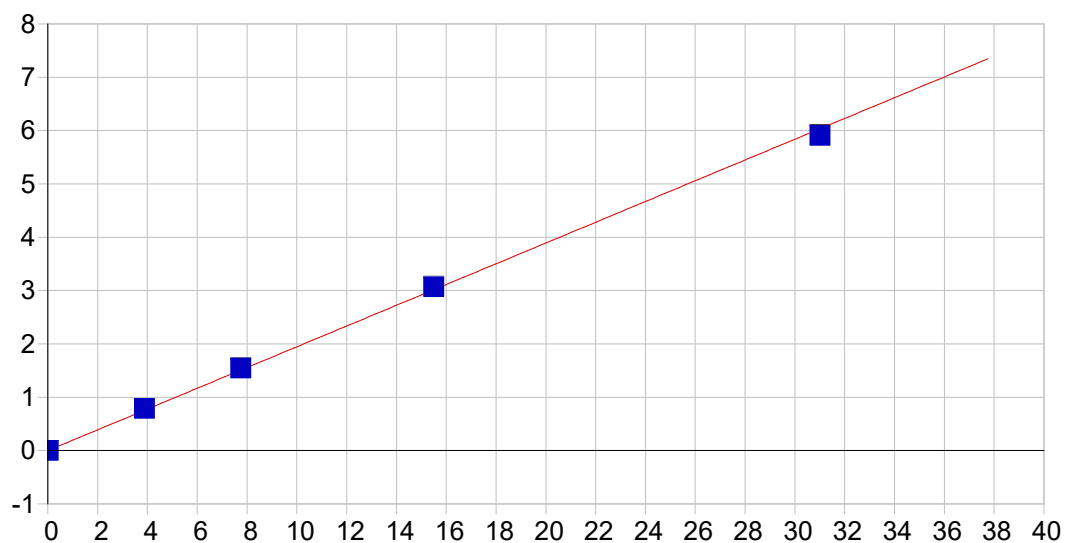


Ca 373.690 { 90}

Date of Fit: 10/16/2019 12:54:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000479 Re-Slope: 1.000000
 A1 (Gain): 0.074352 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999799 Status: OK.
 Std Error of Est: 0.005144
 Predicted MDL: 0.011138
 Predicted MQL: 0.037126

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00064	-.001	.000	.00043	.000	1
S1	5.0000	5.2324	.232	4.65	.38941	.003	1
S2	62.500	65.244	2.74	4.39	4.8099	.010	1
S3	125.00	128.24	3.24	2.59	9.4524	.017	1
S4	250.00	256.65	6.65	2.66	18.917	.005	1
S5	500.00	502.09	2.09	.418	37.000	.066	1
S6	800.00	784.94	-15.1	-1.88	57.476	.204	1

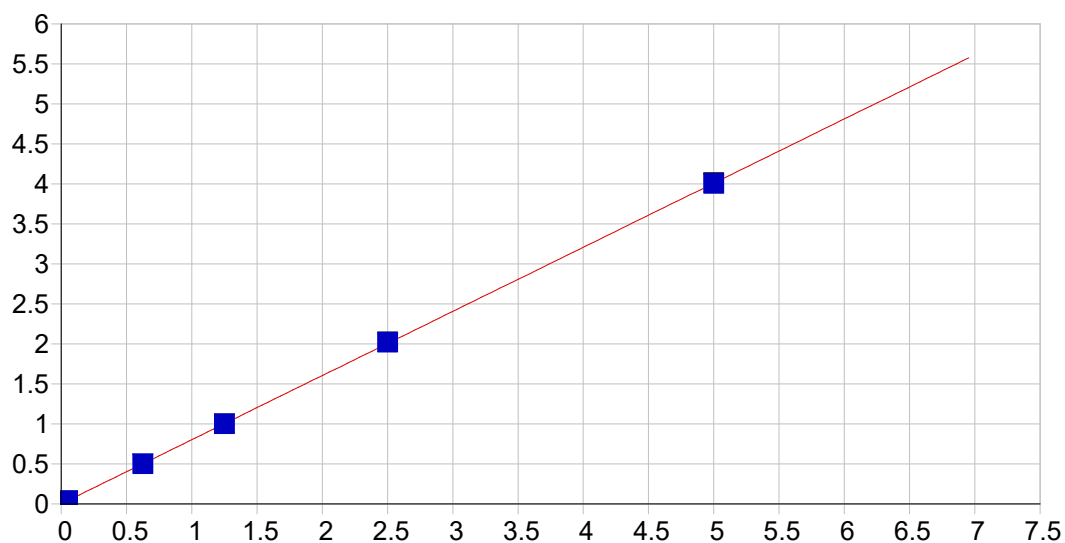


Cr 267.716 {126}

Date of Fit: 10/16/2019 12:54:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000051 Re-Slope: 1.000000
 A1 (Gain): 0.194602 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999733 Status: OK.
 Std Error of Est: 0.000133
 Predicted MDL: 0.000516
 Predicted MQL: 0.001720

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00005	.000	1
S1	.01000	.01150	.001	15.0	.00219	.000	1
S2	3.8750	4.0482	.173	4.47	.78867	.002	1
S3	7.7500	7.9409	.191	2.46	1.5471	.003	1
S4	15.500	15.779	.279	1.80	3.0744	.006	1
S5	31.000	30.355	-.645	-2.08	5.9147	.007	1

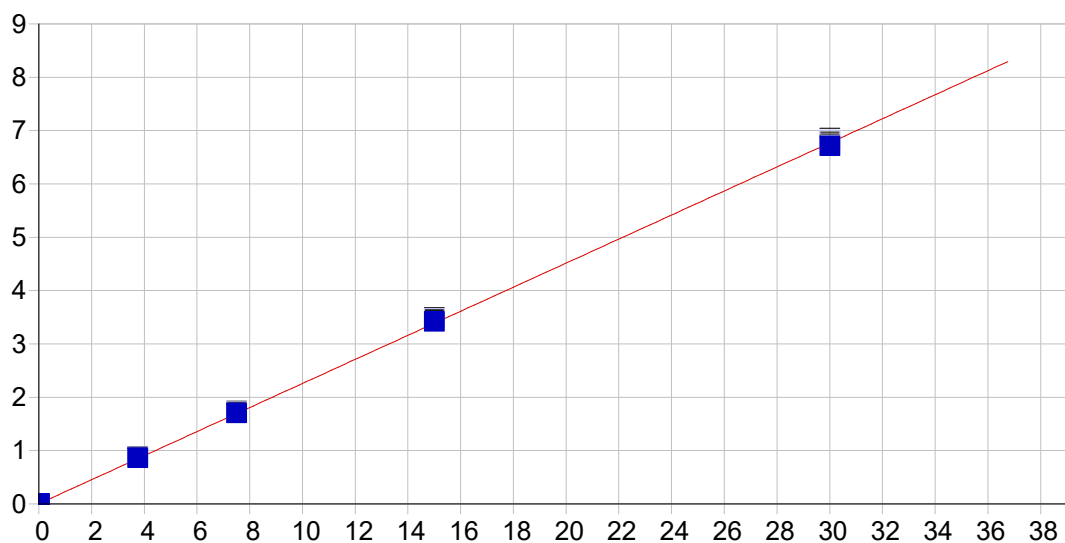


Co 228.616 {448}

Date of Fit: 10/16/2019 12:54:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000623 Re-Slope: 1.000000
 A1 (Gain): 0.801848 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988 Status: OK.
 Std Error of Est: 0.000107
 Predicted MDL: 0.000295
 Predicted MQL: 0.000984

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00062	.000	1
S1	.05000	.04798	-.002	-4.05	.03923	.000	1
S2	.62500	.62506	.000	.009	.50262	.001	1
S3	1.2500	1.2446	-.005	-.435	1.0002	.001	1
S4	2.5000	2.5168	.017	.672	2.0219	.003	1
S5	5.0000	4.9906	-.009	-.188	4.0087	.006	1

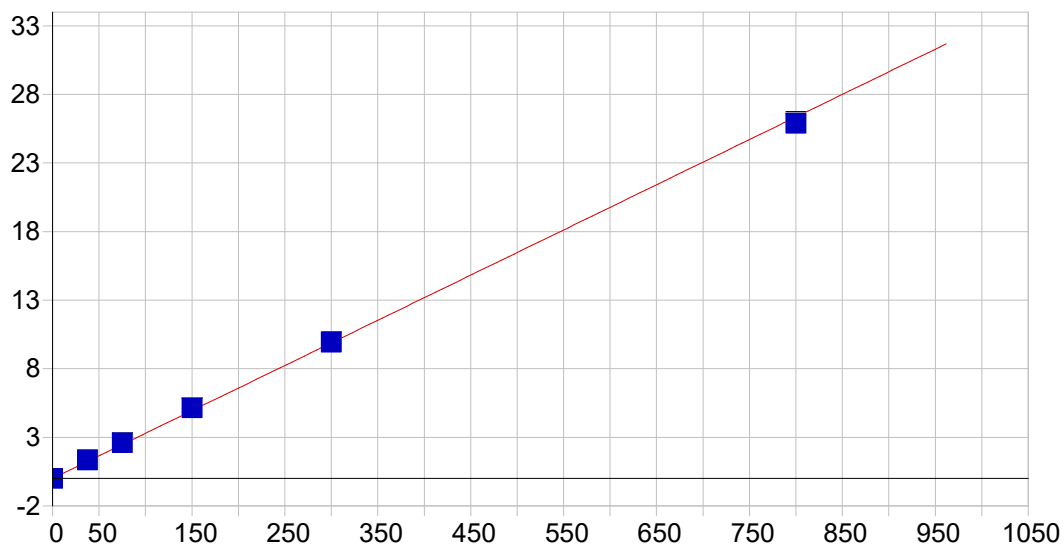


Cu 324.754 {104}

Date of Fit: 10/16/2019 12:54:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002737 Re-Slope: 1.000000
 A1 (Gain): 0.225571 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954 Status: OK.
 Std Error of Est: 0.000101
 Predicted MDL: 0.002406
 Predicted MQL: 0.008021

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00274	.000	1
S1	.02500	.02361	-.001	-5.56	.00919	.001	1
S2	3.7500	3.8258	.076	2.02	.87930	.001	1
S3	7.5000	7.5357	.036	.477	1.7297	.011	1
S4	15.000	15.145	.145	.966	3.4732	.017	1
S5	30.000	29.745	-.255	-.849	6.8209	.037	1

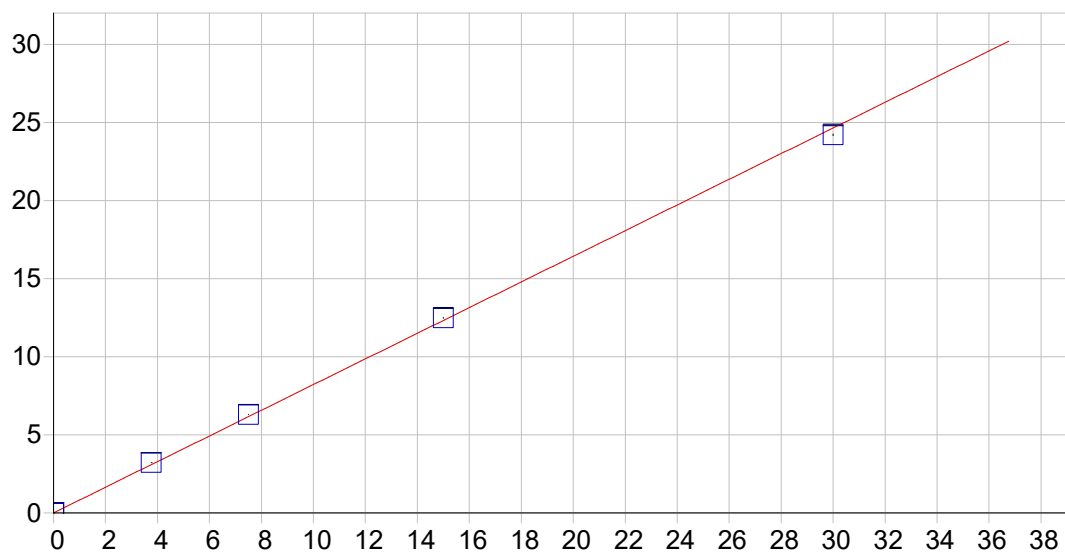


Fe 259.837 {130}

Date of Fit: 10/16/2019 12:54:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000008 Re-Slope: 1.000000
 A1 (Gain): 0.032948 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999659 Status: OK.
 Std Error of Est: 0.000376
 Predicted MDL: 0.007950
 Predicted MQL: 0.026501

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00001	.000	1
S1	.10000	.11346	.013	13.5	.00388	.000	1
S2	37.500	40.363	2.86	7.63	1.3324	.002	1
S3	75.000	78.970	3.97	5.29	2.6070	.006	1
S4	150.00	156.08	6.08	4.05	5.1527	.020	1
S5	300.00	301.24	1.24	.412	9.9457	.039	1
S6	800.00	785.83	-14.2	-1.77	25.925	.104	1

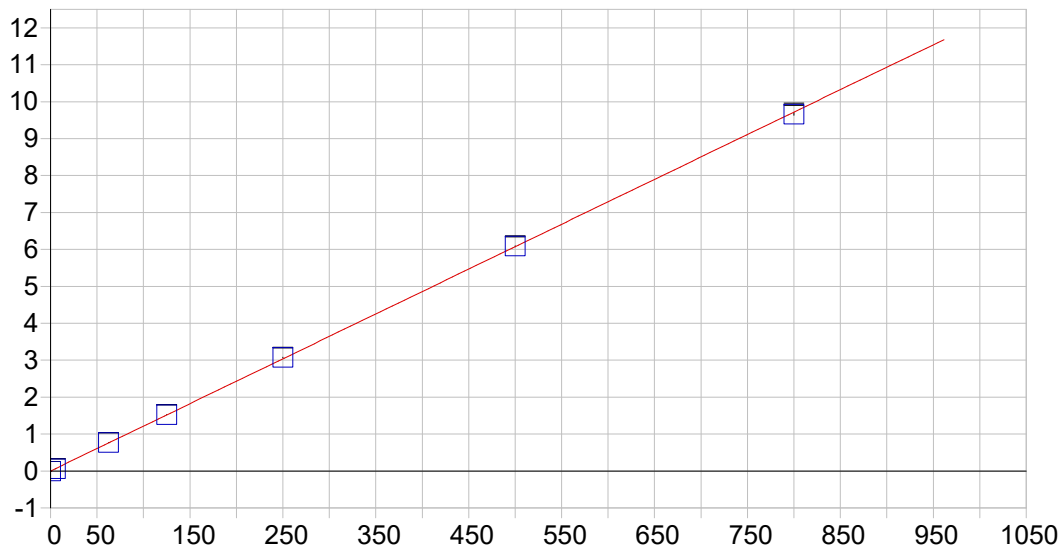


Mn 257.610 {131}

Date of Fit: 10/16/2019 12:54:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000188	Re-Slope:	1.000000
A1 (Gain):	0.821445	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999788	Status:	OK.
Std Error of Est:	0.000602		
Predicted MDL:	0.000363		
Predicted MQL:	0.001209		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00019	.000	1
S1	.01500	.01643	.001	9.53	.01368	.000	1
S2	3.7500	3.9234	.173	4.63	3.2231	.003	1
S3	7.5000	7.6624	.162	2.16	6.2944	.013	1
S4	15.000	15.199	.199	1.33	12.485	.027	1
S5	30.000	29.464	-.536	-1.79	24.203	.048	1

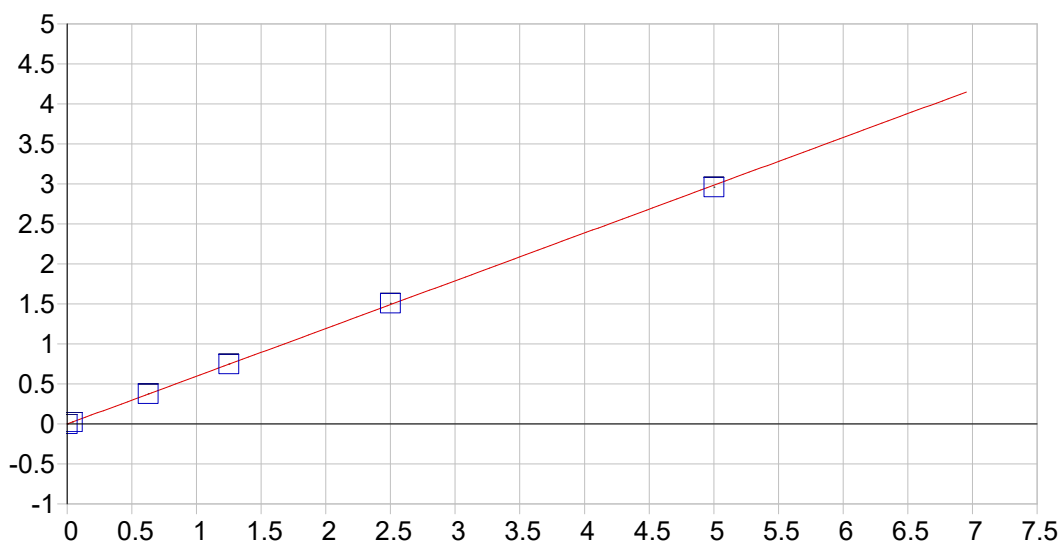


Mg 279.079 {121}

Date of Fit: 10/16/2019 12:54:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000114 Re-Slope: 1.000000
 A1 (Gain): 0.012148 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981 Status: OK.
 Std Error of Est: 0.000264
 Predicted MDL: 0.025826
 Predicted MQL: 0.086085

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00013	-.000	.000	-.00012	.000	1
S1	5.0000	5.0242	.024	.483	.06092	.001	1
S2	62.500	63.183	.683	1.09	.76743	.001	1
S3	125.00	125.35	.346	.277	1.5226	.004	1
S4	250.00	252.78	2.78	1.11	3.0706	.009	1
S5	500.00	500.80	.803	.161	6.0837	.016	1
S6	800.00	795.37	-4.63	-.579	9.6620	.034	1

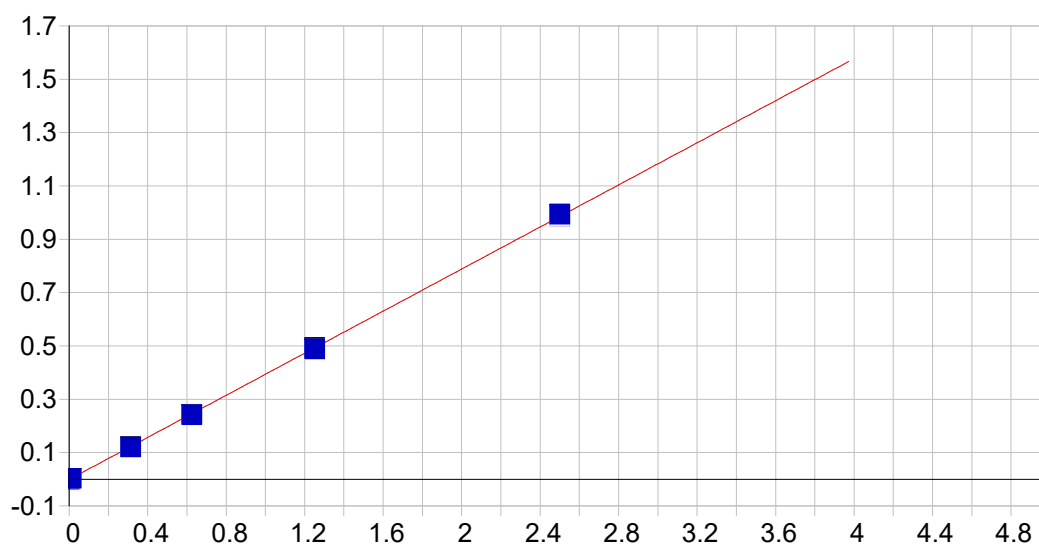


Ni 231.604 {446}

Date of Fit: 10/16/2019 12:54:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001250 Re-Slope: 1.000000
 A1 (Gain): 0.596880 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962 Status: OK.
 Std Error of Est: 0.000124
 Predicted MDL: 0.000459
 Predicted MQL: 0.001531

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00125	.000	1
S1	.04000	.04044	.000	1.09	.02289	.000	1
S2	.62500	.62961	.005	.738	.37455	.000	1
S3	1.2500	1.2545	.004	.358	.74752	.000	1
S4	2.5000	2.5298	.030	1.19	1.5088	.000	1
S5	5.0000	4.9606	-.039	-.787	2.9597	.001	1

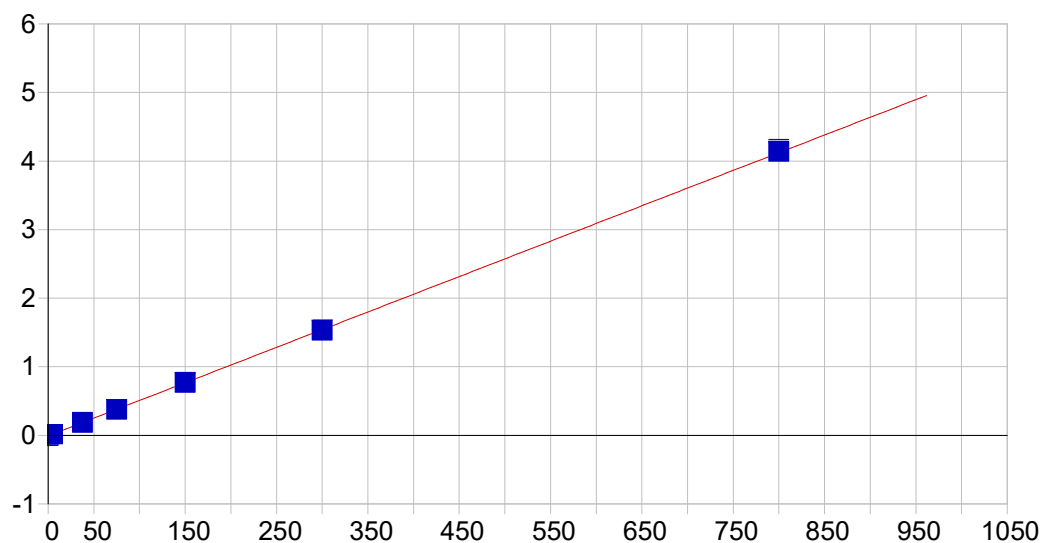


Ag 328.068 {103}

Date of Fit: 10/16/2019 12:54:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000891 Re-Slope: 1.000000
 A1 (Gain): 0.394543 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999963 Status: OK.
 Std Error of Est: 0.000028
 Predicted MDL: 0.000450
 Predicted MQL: 0.001499

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00089	.000	1
S1	.01000	.00988	-.000	-1.25	.00297	.000	1
S2	.31250	.30900	-.004	-1.12	.11997	.000	1
S3	.62500	.61689	-.008	-1.30	.24039	.001	1
S4	1.2500	1.2424	-.008	-.607	.48507	.004	1
S5	2.5000	2.5193	.019	.773	.98465	.001	1

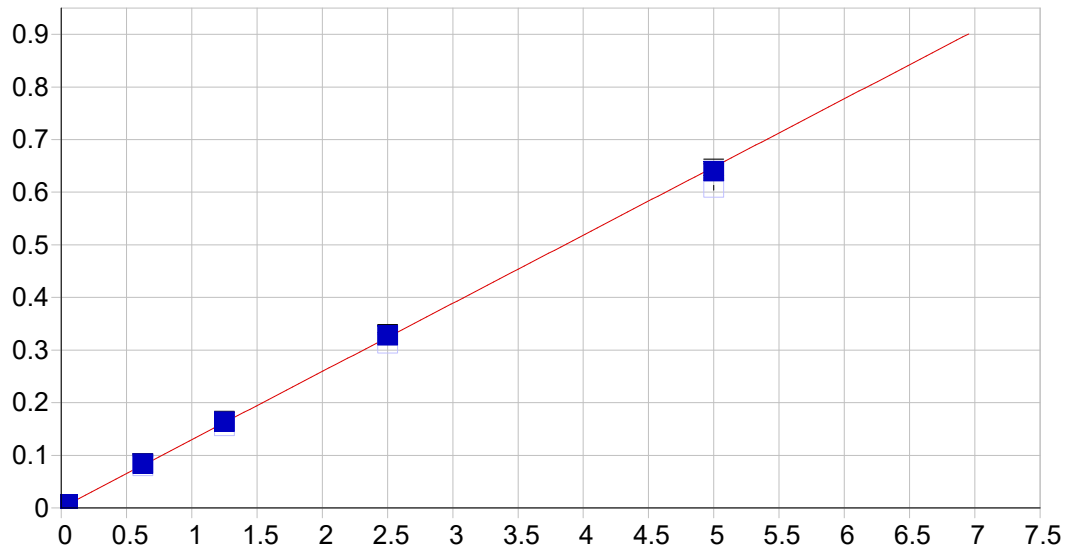


Na 818.326 { 41}

Date of Fit: 10/16/2019 12:54:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007180 Re-Slope: 1.000000
 A1 (Gain): 0.005161 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986 Status: OK.
 Std Error of Est: 0.000085
 Predicted MDL: 0.293859
 Predicted MQL: 0.979532

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00020	.000	.000	-.00718	.001	1
S1	5.0000	4.8983	-.102	-2.03	.01810	.001	1
S2	37.500	37.380	-.120	-.320	.18660	.002	1
S3	75.000	74.028	-.972	-1.30	.37661	.002	1
S4	150.00	149.93	-.066	-.044	.77009	.004	1
S5	300.00	298.12	-1.88	-.627	1.5383	.005	1
S6	800.00	803.14	3.14	.393	4.1563	.016	1

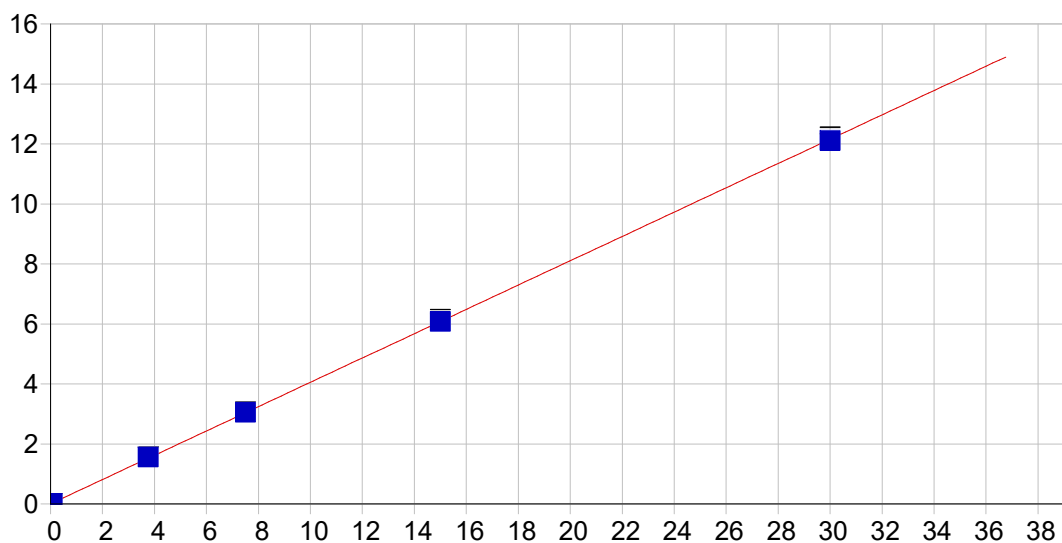


V 292.402 {115}

Date of Fit: 10/16/2019 12:54:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000193 Re-Slope: 1.000000
 A1 (Gain): 0.129551 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999884 Status: OK.
 Std Error of Est: 0.000050
 Predicted MDL: 0.002840
 Predicted MQL: 0.009467

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00019	.000	1
S1	.05000	.05203	.002	4.06	.00692	.000	1
S2	.62500	.64446	.019	3.11	.07980	.000	1
S3	1.2500	1.2626	.013	1.01	.15600	.001	1
S4	2.5000	2.5298	.030	1.19	.31240	.002	1
S5	5.0000	4.9360	-.064	-1.28	.60861	.004	1

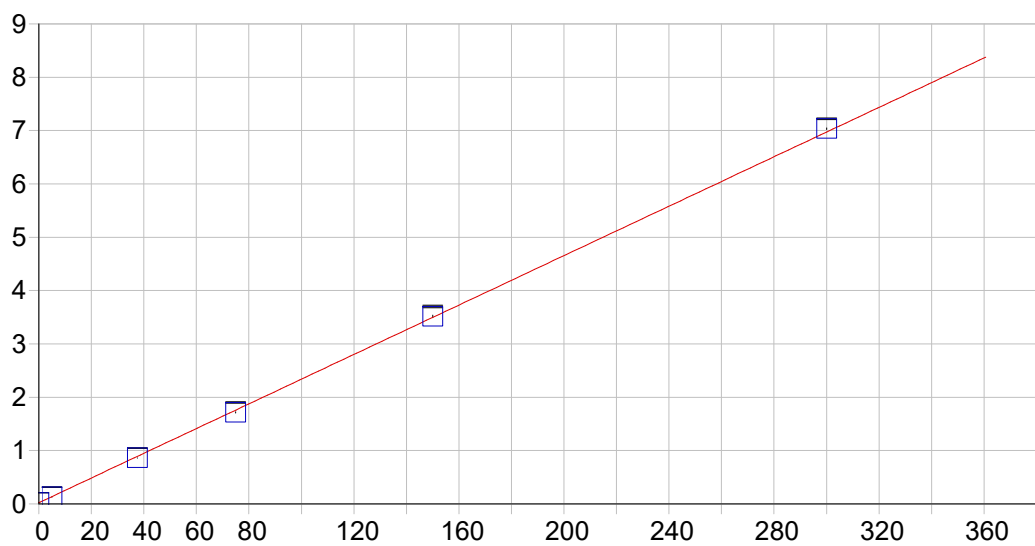


Zn 213.856 {158}

Date of Fit: 10/16/2019 12:54:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001015 Re-Slope: 1.000000
 A1 (Gain): 0.405224 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970 Status: OK.
 Std Error of Est: 0.000224
 Predicted MDL: 0.001747
 Predicted MQL: 0.005824

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00101	.001	1
S1	.06000	.06267	.003	4.45	.02648	.001	1
S2	3.7500	3.8486	.099	2.63	1.5631	.019	1
S3	7.5000	7.5351	.035	.467	3.0594	.010	1
S4	15.000	14.990	-.010	-.070	6.0851	.068	1
S5	30.000	29.874	-.126	-.420	12.127	.106	1

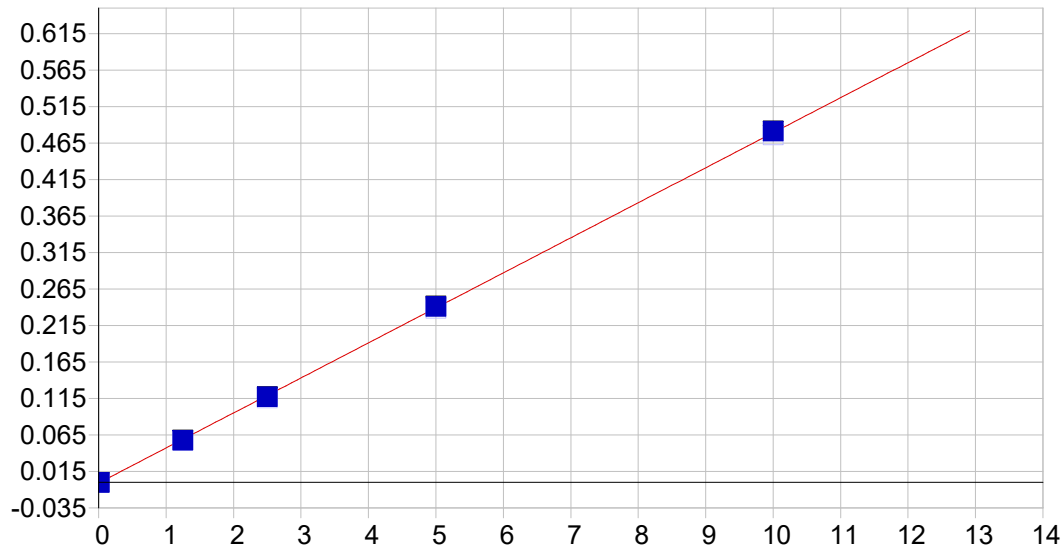


K 769.896 { 44}

Date of Fit: 10/16/2019 12:54:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.022456 Re-Slope: 1.000000
 A1 (Gain): 0.023165 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999868 Status: OK.
 Std Error of Est: 0.000777
 Predicted MDL: 0.069024
 Predicted MQL: 0.230081

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00060	.001	.000	.02247	.001	1
S1	5.0000	4.6228	-.377	-7.54	.12955	.001	1
S2	37.500	36.215	-1.28	-3.43	.86140	.001	1
S3	75.000	73.108	-1.89	-2.52	1.7160	.009	1
S4	150.00	150.77	.767	.511	3.5150	.022	1
S5	300.00	302.79	2.79	.929	7.0366	.015	1

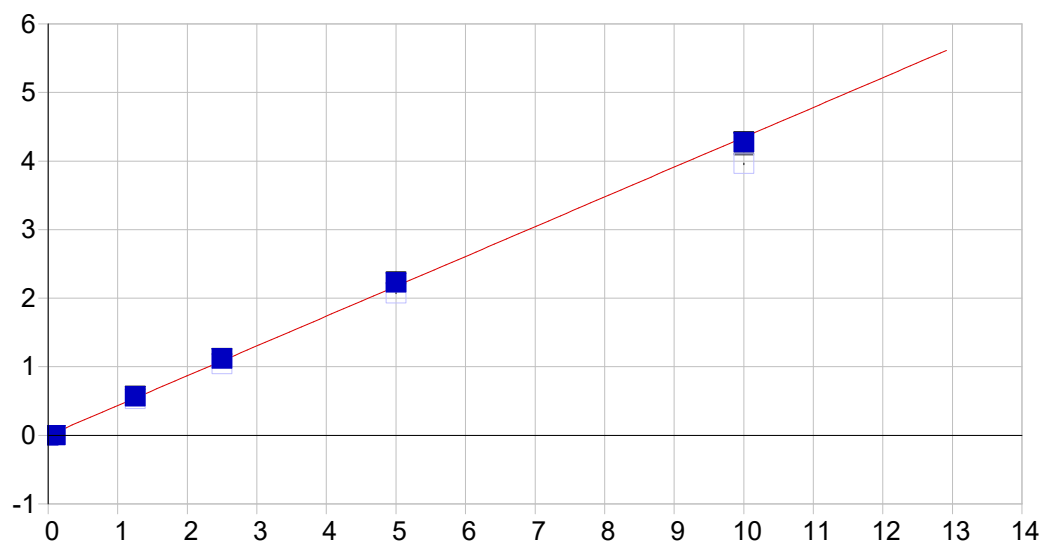


P 177.495 {490}

Date of Fit: 10/16/2019 12:54:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000866 Re-Slope: 1.000000
 A1 (Gain): 0.048022 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999941 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.002506
 Predicted MQL: 0.008353

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00087	.000	1
S1	.01000	.00915	-.001	-8.54	-.00043	.000	1
S2	1.2500	1.2178	-.032	-2.58	.05694	.000	1
S3	2.5000	2.4547	-.045	-1.81	.11567	.000	1
S4	5.0000	5.0378	.038	.757	.23837	.001	1
S5	10.000	10.040	.040	.405	.47591	.000	1

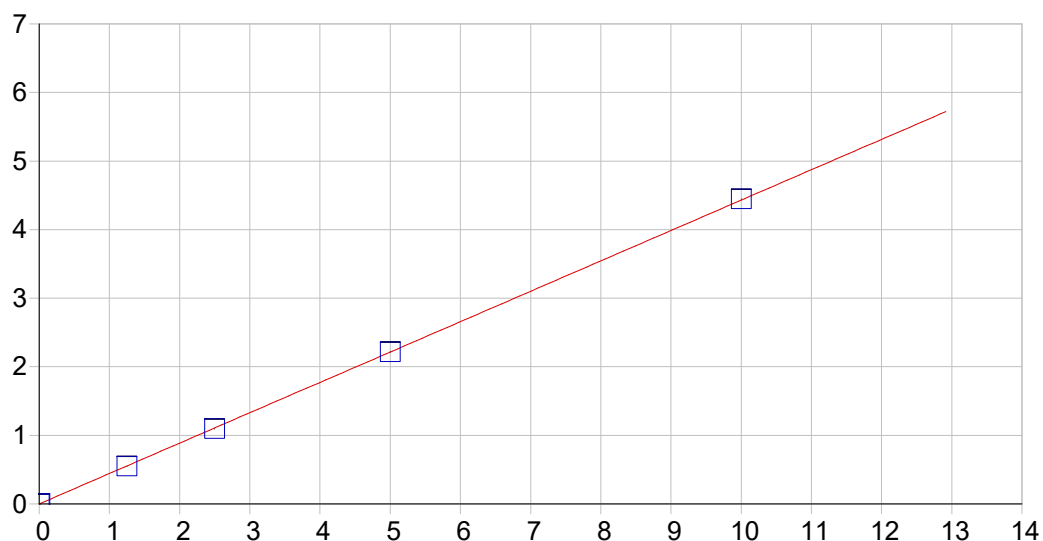


B 249.678 {135}

Date of Fit: 10/16/2019 12:54:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000266 Re-Slope: 1.000000
 A1 (Gain): 0.434668 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997170 Status: OK.
 Std Error of Est: 0.001616
 Predicted MDL: 0.000995
 Predicted MQL: 0.003315

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	-.00023	.000	1
S1	.10000	.00997	-.090	-90.0	.00398	.000	1
S2	1.2500	1.3085	.058	4.68	.52904	.004	1
S3	2.5000	2.5740	.074	2.96	1.0397	.003	1
S4	5.0000	5.1305	.130	2.61	2.0720	.008	1
S5	10.000	9.8339	-.166	-1.66	3.9588	.010	1

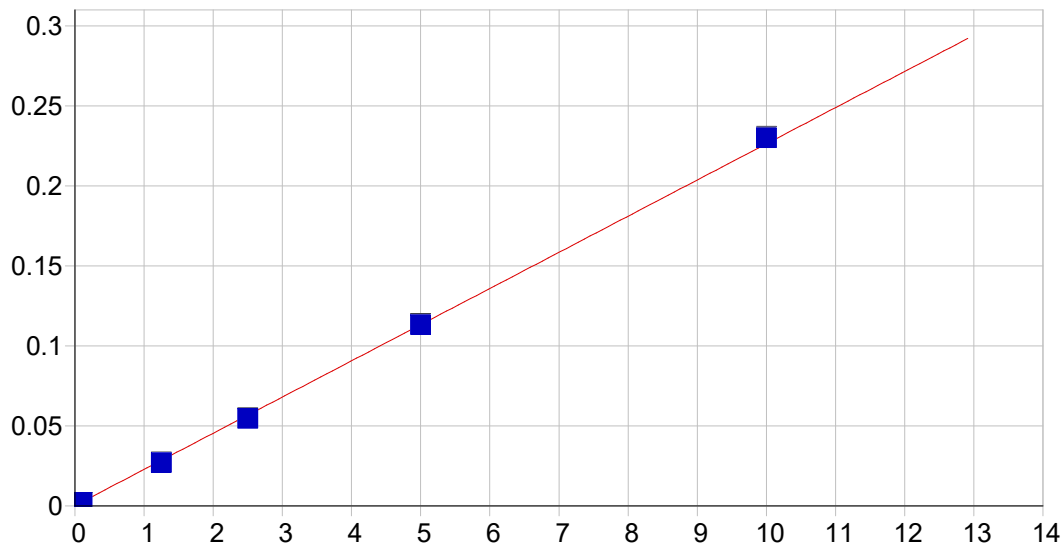


Mo 202.030 {467}

Date of Fit: 10/16/2019 12:54:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000142 Re-Slope: 1.000000
 A1 (Gain): 0.442963 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986 Status: OK.
 Std Error of Est: 0.000039
 Predicted MDL: 0.000409
 Predicted MQL: 0.001364

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00014	.000	1
S1	.01000	.01015	.000	1.46	.00464	.000	1
S2	1.2500	1.2424	-.008	-.611	.55046	.002	1
S3	2.5000	2.4704	-.030	-1.18	1.0944	.003	1
S4	5.0000	5.0019	.002	.038	2.2158	.005	1
S5	10.000	10.035	.035	.352	4.4454	.004	1

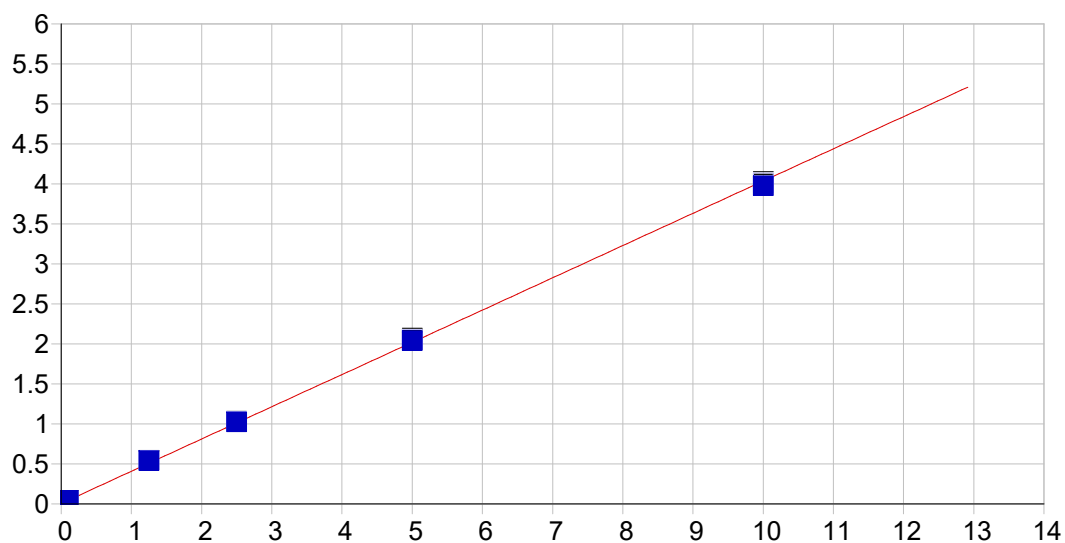


S 182.034 {485}

Date of Fit: 10/16/2019 12:54:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000217 Re-Slope: 1.000000
 A1 (Gain): 0.022609 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999707 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.005054
 Predicted MQL: 0.016846

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00022	.000	1
S1	.10000	.08590	-.014	-14.1	.00216	.000	1
S2	1.2500	1.1884	-.062	-4.93	.02715	.000	1
S3	2.5000	2.4086	-.091	-3.66	.05479	.000	1
S4	5.0000	5.0015	.002	.031	.11353	.000	1
S5	10.000	10.165	.165	1.65	.23052	.000	1

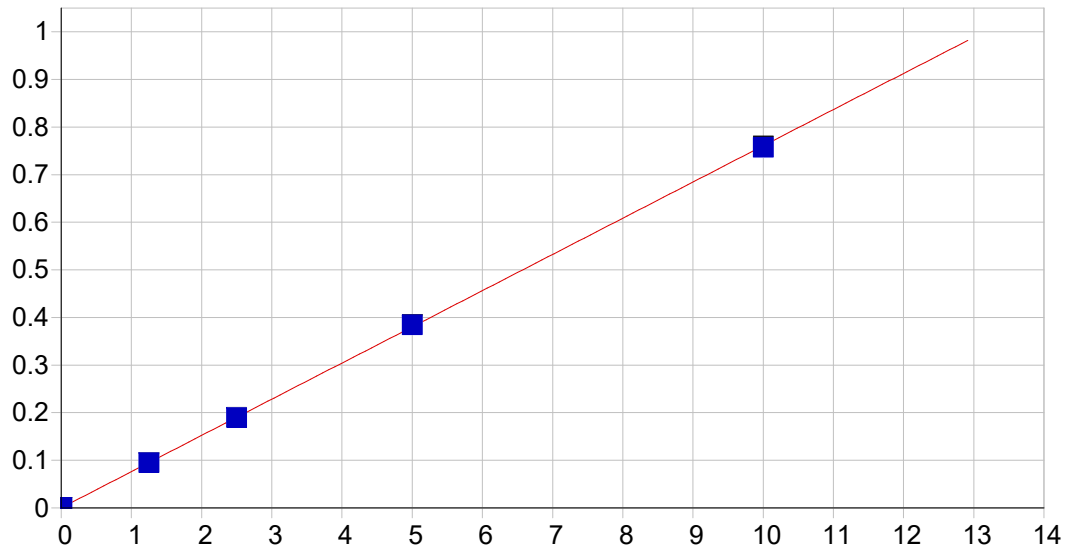


Si 251.611 {134}

Date of Fit: 10/16/2019 12:54:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005000 Re-Slope: 1.000000
 A1 (Gain): 0.403020 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999807 Status: OK.
 Std Error of Est: 0.000425
 Predicted MDL: 0.001085
 Predicted MQL: 0.003617

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00500	.001	1
S1	.10000	.09636	-.004	-3.64	.04398	.001	1
S2	1.2500	1.3252	.075	6.02	.54354	.002	1
S3	2.5000	2.5239	.024	.958	1.0311	.001	1
S4	5.0000	5.0483	.048	.967	2.0574	.014	1
S5	10.000	9.8561	-.144	-1.44	4.0129	.014	1

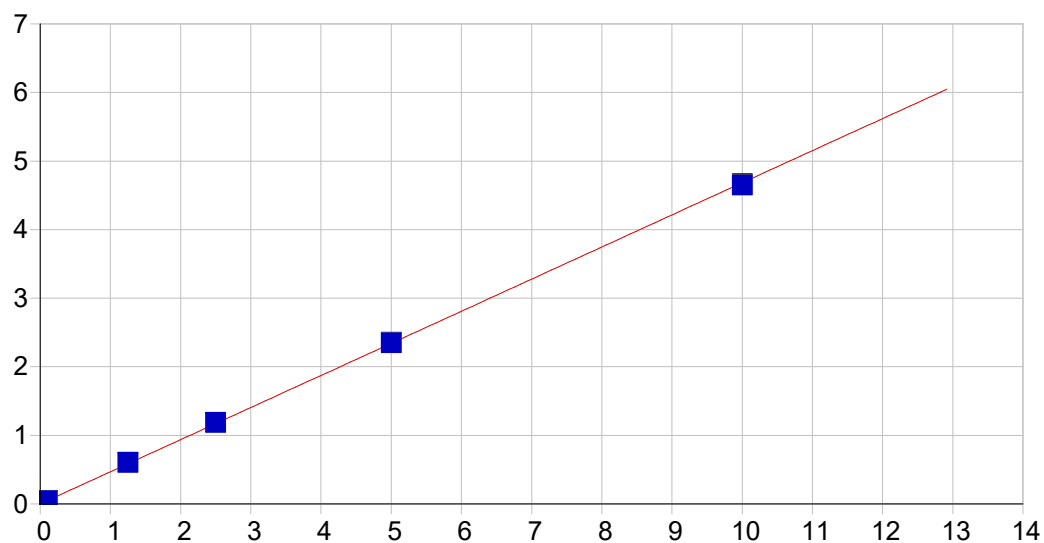


Sn 189.989 {478}

Date of Fit: 10/16/2019 12:54:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000138 Re-Slope: 1.000000
 A1 (Gain): 0.076047 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.001455
 Predicted MQL: 0.004850

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00014	.000	1
S1	.00700	.00624	-.001	-10.8	.00060	.000	1
S2	1.2500	1.2435	-.007	-.523	.09450	.000	1
S3	2.5000	2.4924	-.008	-.304	.18928	.000	1
S4	5.0000	5.0525	.052	1.05	.38358	.001	1
S5	10.000	9.9624	-.038	-.376	.75618	.003	1

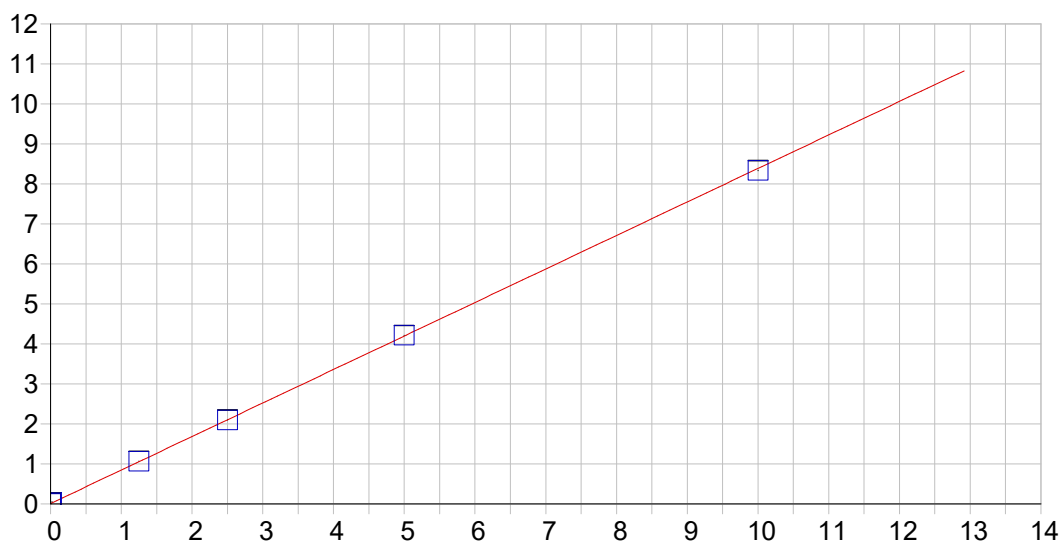


Ti 336.121 {100}

Date of Fit: 10/16/2019 12:54:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000214 Re-Slope: 1.000000
 A1 (Gain): 0.468254 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948 Status: OK.
 Std Error of Est: 0.000254
 Predicted MDL: 0.001259
 Predicted MQL: 0.004197

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00021	.000	1
S1	.10000	.09708	-.003	-2.92	.04566	.000	1
S2	1.2500	1.2867	.037	2.94	.60252	.004	1
S3	2.5000	2.5262	.026	1.05	1.1827	.005	1
S4	5.0000	5.0113	.011	.225	2.3460	.009	1
S5	10.000	9.9288	-.071	-.712	4.6478	.017	1



Li 670.784 { 50}

Date of Fit: 10/16/2019 12:54:04 Type of Fit: Linear Weighting: 1/Conc

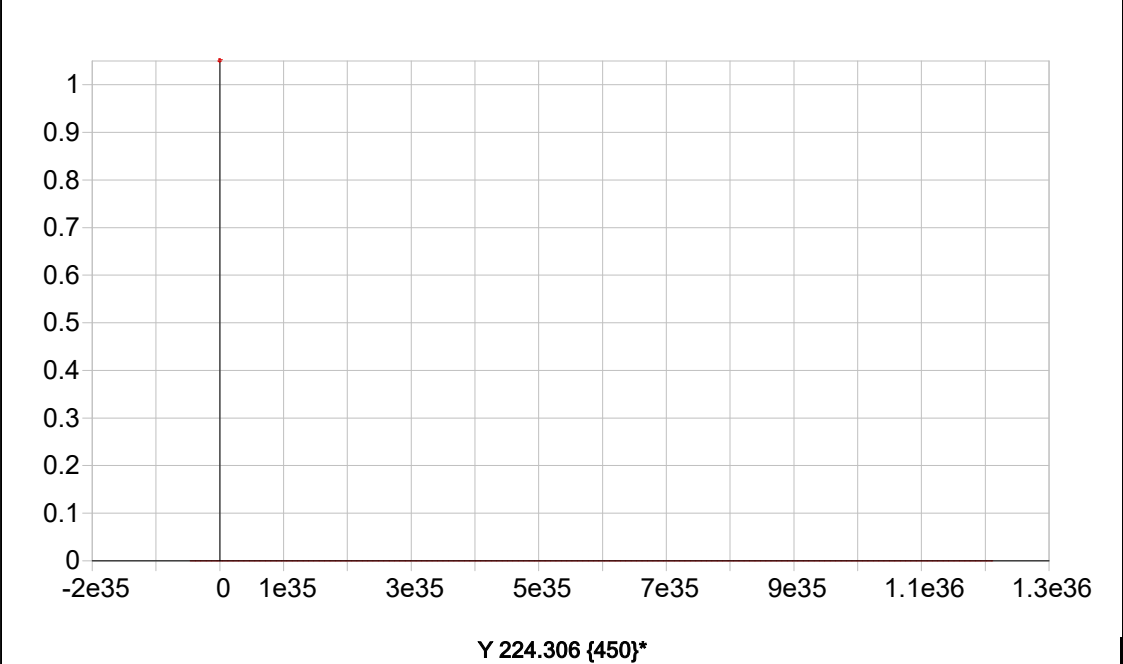
A0 (Offset): 0.008849 Re-Slope: 1.000000
 A1 (Gain): 0.837751 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998047 Status: OK.
 Std Error of Est: 0.001077
 Predicted MDL: 0.001849
 Predicted MQL: 0.006165

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00882	.001	1
S5	10.000	9.9442	-.056	-.558	8.3396	.008	1
S4	5.0000	5.0186	.019	.371	4.2132	.001	1
S3	2.5000	2.4929	-.007	-.284	2.0973	.004	1
S2	1.2500	1.2612	.011	.898	1.0654	.005	1
S1	.01500	.04808	.033	221.	.04913	.001	1



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		





Y 371.030 { 91}*

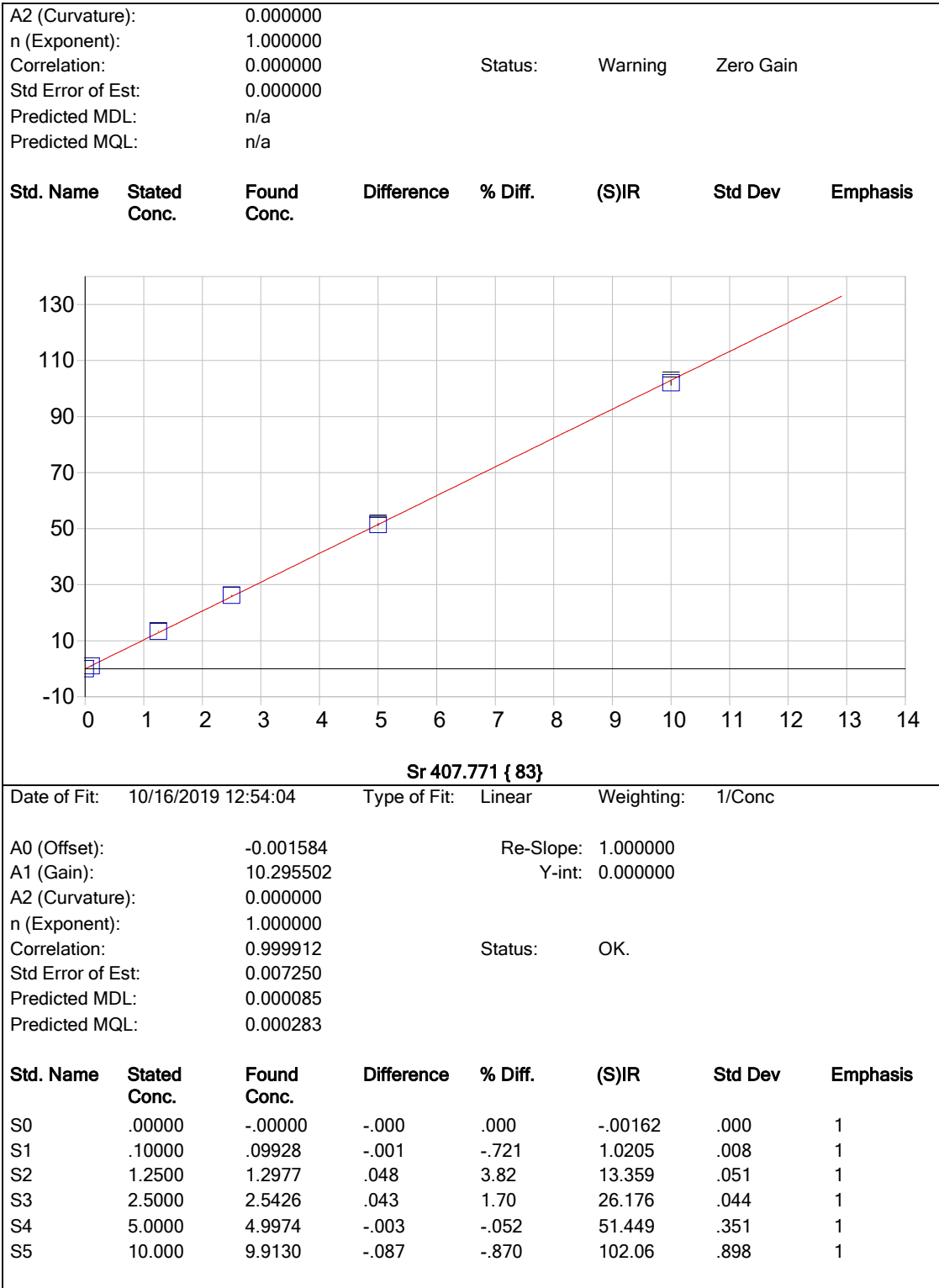
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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In 230.606 {446}*

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



Sample Name: S0 Acquired: 10/16/2019 11:34:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: IR Corr. Factor: 1.000000
User: BIN 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	-.00018	-.00033	.00053	.00043	-.00006	.00481	.00573	-.00062
Stddev	.00020	.00010	.00036	.00013	.00014	.00040	.00111	.00020
%RSD	114.92	29.441	68.661	29.372	216.68	8.2565	19.393	33.187
#1	.00005	-.00044	.00012	.00029	-.00006	.00435	.00450	-.00082
#2	-.00026	-.00028	.00067	.00054	.00007	.00503	.00667	-.00041
#3	-.00033	-.00026	.00080	.00047	-.00020	.00506	.00602	-.00062
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	.00013	.00043	-.00005	.00062	.00274	.00001	.00019	-.00012
Stddev	.00022	.00046	.00008	.00016	.00018	.00015	.00010	.00015
%RSD	161.10	106.54	148.78	25.516	6.4887	2168.6	54.980	132.08
#1	-.00011	.00044	-.00007	.00053	.00271	.00007	.00007	-.00007
#2	.00028	.00089	-.00012	.00053	.00293	.00012	.00024	-.00029
#3	.00023	-.00003	.00003	.00081	.00258	-.00016	.00025	.00001
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	-.00125	-.00089	-.00718	.00019	.00101	.02247	-.00087	-.00023
Stddev	.00038	.00014	.00122	.00017	.00059	.00127	.00000	.00024
%RSD	30.552	15.559	16.978	91.006	57.875	5.6303	.43452	101.88
#1	-.00133	-.00075	-.00856	.00029	.00042	.02392	-.00087	.00004
#2	-.00158	-.00103	-.00624	-.00001	.00160	.02159	-.00086	-.00037
#3	-.00083	-.00090	-.00673	.00029	.00102	.02190	-.00087	-.00037
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	.00014	.00022	.00500	.00014	.00021	.00882	-.00162	
Stddev	.00005	.00004	.00054	.00003	.00021	.00109	.00037	
%RSD	35.014	17.840	10.878	25.115	97.005	12.386	22.595	
#1	.00016	.00017	.00550	.00018	-.00001	.00769	-.00133	
#2	.00009	.00025	.00442	.00013	.00025	.00889	-.00204	
#3	.00018	.00023	.00507	.00011	.00040	.00988	-.00150	

Sample Name: S0 Acquired: 10/16/2019 11:34:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: IR Corr. Factor: 1.000000
User: BIN 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	1597.6	2923.2	38873.	7380.2	3324.3
Stddev	9.8	10.2	57.	24.1	4.8
%RSD	.61389	.35005	.14782	.32666	.14310
#1	1592.3	2919.4	38878.	7356.3	3327.5
#2	1608.9	2915.4	38927.	7404.5	3318.8
#3	1591.6	2934.8	38813.	7379.7	3326.5

Sample Name: S2 Acquired: 10/16/2019 11:42:25 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: IR Corr. Factor: 1.000000
User: BIN 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	.03895	.07349	1.2642	.05751	.15320	3.3613	9.8417	.52452
Stddev	.00013	.00030	.0011	.00021	.00075	.0012	.0069	.00244
%RSD	.34394	.41108	.08709	.36939	.49168	.03554	.07009	.46614

#1	.03902	.07321	1.2649	.05735	.15260	3.3605	9.8497	.52608
#2	.03903	.07345	1.2629	.05742	.15296	3.3607	9.8373	.52170
#3	.03879	.07381	1.2648	.05775	.15405	3.3626	9.8382	.52578

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	1.5350	4.8099	.78867	.50262	.87930	1.3324	3.2231	.76743
Stddev	.0018	.0102	.00173	.00112	.00089	.0024	.0026	.00082
%RSD	.11574	.21174	.21949	.22196	.10091	.18051	.08062	.10641

#1	1.5356	4.8005	.78976	.50363	.88010	1.3351	3.2210	.76835
#2	1.5330	4.8207	.78667	.50143	.87834	1.3319	3.2222	.76679
#3	1.5364	4.8086	.78958	.50280	.87945	1.3304	3.2260	.76715

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	.37455	.11997	.18660	.07980	1.5631	.86140	.05694	.52904
Stddev	.00024	.00029	.00179	.00045	.0187	.00122	.00020	.00374
%RSD	.06527	.24091	.95733	.56809	1.1933	.14177	.34408	.70685

#1	.37471	.12018	.18501	.08012	1.5495	.86045	.05679	.53144
#2	.37427	.12008	.18853	.08000	1.5843	.86097	.05716	.52473
#3	.37467	.11964	.18627	.07928	1.5553	.86278	.05688	.53095

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	.55046	.02715	.54354	.09450	.60252	1.0654	13.359
Stddev	.00240	.00016	.00228	.00022	.00366	.0045	.051
%RSD	.43595	.57931	.41860	.23111	.60729	.42342	.38024

#1	.54996	.02724	.54475	.09471	.59840	1.0603	13.314
#2	.54835	.02723	.54092	.09428	.60380	1.0672	13.350
#3	.55307	.02696	.54496	.09452	.60538	1.0688	13.414

Sample Name: S2 Acquired: 10/16/2019 11:42:25 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: IR Corr. Factor: 1.000000
User: BIN 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	1534.6	2825.7	38071.	7389.8	3038.4
Stddev	18.4	6.0	282.	31.1	2.2
%RSD	1.1960	.21155	.74197	.42153	.07339
#1	1543.4	2830.9	38185.	7388.4	3036.6
#2	1513.5	2827.1	37750.	7359.4	3040.9
#3	1546.9	2819.2	38280.	7421.7	3037.8

Sample Name: S3 Acquired: 10/16/2019 11:46:17 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: IR Corr. Factor: 1.000000
User: BIN 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	.07788	.14421	2.5128	.11103	.30387	6.6774	19.529	1.0125
Stddev	.00018	.00088	.0065	.00015	.00077	.0377	.035	.0021
%RSD	.23255	.60842	.25732	.13785	.25501	.56430	.17905	.20827

#1	.07802	.14382	2.5055	.11120	.30460	6.7012	19.569	1.0112
#2	.07768	.14522	2.5179	.11091	.30305	6.6340	19.506	1.0113
#3	.07796	.14360	2.5150	.11097	.30397	6.6972	19.511	1.0149

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.0315	9.4524	1.5471	1.0002	1.7297	2.6070	6.2944	1.5226
Stddev	.0041	.0166	.0028	.0010	.0109	.0057	.0135	.0043
%RSD	.13637	.17552	.17818	.09670	.62728	.22008	.21396	.28032

#1	3.0269	9.4493	1.5500	.99905	1.7348	2.6097	6.2930	1.5223
#2	3.0328	9.4376	1.5445	1.0008	1.7173	2.6004	6.2817	1.5185
#3	3.0349	9.4703	1.5470	1.0006	1.7371	2.6109	6.3085	1.5270

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	.74752	.24039	.37661	.15600	3.0594	1.7160	.11567	1.0397
Stddev	.00019	.00120	.00173	.00122	.0101	.0093	.00013	.0029
%RSD	.02574	.49839	.45808	.78316	.33076	.54423	.10908	.27804

#1	.74730	.24078	.37775	.15728	3.0697	1.7196	.11562	1.0378
#2	.74764	.24134	.37463	.15485	3.0590	1.7054	.11581	1.0383
#3	.74763	.23904	.37745	.15588	3.0495	1.7230	.11558	1.0430

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	1.0944	.05479	1.0311	.18928	1.1827	2.0973	26.176
Stddev	.0028	.00013	.0007	.00034	.0046	.0041	.044
%RSD	.25892	.24119	.06915	.18122	.38893	.19458	.16947

#1	1.0961	.05493	1.0303	.18907	1.1774	2.0966	26.168
#2	1.0912	.05478	1.0317	.18968	1.1851	2.0936	26.135
#3	1.0961	.05467	1.0313	.18910	1.1856	2.1017	26.223

Sample Name: S3 Acquired: 10/16/2019 11:46:17 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: IR Corr. Factor: 1.000000
User: BIN 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	1478.5	2731.5	37143.	7328.0	2895.9
Stddev	6.0	3.5	180.	9.7	3.6
%RSD	.40684	.12758	.48385	.13287	.12354
#1	1474.7	2727.7	36972.	7318.6	2898.4
#2	1475.2	2734.5	37126.	7338.0	2891.8
#3	1485.4	2732.4	37330.	7327.5	2897.6

Sample Name: S4 Acquired: 10/16/2019 11:50:08 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: IR Corr. Factor: 1.000000
User: BIN 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	.15858	.28501	5.1064	.21840	.61835	13.618	39.382	2.0040
Stddev	.00068	.00073	.0027	.00018	.00176	.058	.092	.0127
%RSD	.43126	.25570	.05304	.08456	.28384	.42801	.23430	.63542

#1	.15844	.28428	5.1034	.21833	.61782	13.558	39.331	2.0108
#2	.15798	.28501	5.1075	.21826	.61691	13.675	39.489	1.9893
#3	.15933	.28573	5.1084	.21861	.62030	13.620	39.327	2.0119

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.0685	18.917	3.0744	2.0219	3.4732	5.1527	12.485	3.0706
Stddev	.0029	.005	.0064	.0025	.0171	.0204	.027	.0086
%RSD	.04847	.02710	.20788	.12560	.49115	.39540	.21294	.28000

#1	6.0702	18.921	3.0692	2.0227	3.4538	5.1304	12.455	3.0614
#2	6.0651	18.911	3.0726	2.0191	3.4859	5.1574	12.494	3.0722
#3	6.0701	18.919	3.0815	2.0240	3.4800	5.1704	12.506	3.0784

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	1.5088	.48507	.77009	.31240	6.0851	3.5150	.23837	2.0720
Stddev	.0003	.00415	.00428	.00157	.0679	.0220	.00062	.0079
%RSD	.02162	.85510	.55613	.50111	1.1153	.62527	.26163	.37974

#1	1.5085	.48072	.76521	.31109	6.0311	3.4919	.23877	2.0737
#2	1.5091	.48897	.77323	.31413	6.1613	3.5176	.23868	2.0635
#3	1.5086	.48553	.77184	.31199	6.0629	3.5356	.23765	2.0790

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.2158	.11353	2.0574	.38358	2.3460	4.2132	51.449
Stddev	.0047	.00039	.0136	.00107	.0087	.0012	.351
%RSD	.21360	.34569	.66010	.27934	.36929	.02759	.68269

#1	2.2161	.11349	2.0612	.38295	2.3544	4.2121	51.763
#2	2.2109	.11316	2.0423	.38297	2.3371	4.2144	51.070
#3	2.2204	.11395	2.0687	.38482	2.3464	4.2130	51.515

Sample Name: S4 Acquired: 10/16/2019 11:50:08 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: IR Corr. Factor: 1.000000
User: BIN 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	1407.7	2601.1	36420.	7233.3	2729.4
Stddev	11.2	2.6	282.	18.8	3.4
%RSD	.79597	.10022	.77385	.25952	.12584
#1	1417.1	2599.1	36688.	7238.5	2725.7
#2	1395.3	2604.1	36126.	7248.9	2729.9
#3	1410.7	2600.2	36447.	7212.5	2732.6

Sample Name: S5 Acquired: 10/16/2019 11:54:04 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: IR Corr. Factor: 1.000000
User: BIN 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	.32358	.54917	10.177	.43350	1.2541	27.163	76.936	3.8136
Stddev	.00074	.00044	.021	.00067	.0010	.104	.716	.0167
%RSD	.22738	.08066	.20357	.15384	.07554	.38409	.93113	.43657

#1	.32292	.54871	10.185	.43398	1.2548	27.048	76.797	3.8231
#2	.32345	.54960	10.153	.43379	1.2543	27.189	76.299	3.7944
#3	.32437	.54920	10.192	.43274	1.2530	27.252	77.711	3.8234

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	11.822	37.000	5.9147	4.0087	6.8209	9.9457	24.203	6.0837
Stddev	.020	.066	.0067	.0061	.0370	.0394	.048	.0162
%RSD	.16569	.17753	.11293	.15229	.54205	.39575	.19669	.26593

#1	11.827	36.976	5.9073	4.0117	6.7782	9.9006	24.153	6.0651
#2	11.800	36.949	5.9163	4.0017	6.8427	9.9732	24.208	6.0910
#3	11.839	37.074	5.9203	4.0128	6.8419	9.9632	24.248	6.0949

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.9597	.98465	1.5383	.60861	12.127	7.0366	.47591	3.9588
Stddev	.0010	.00114	.0047	.00445	.106	.0151	.00038	.0105
%RSD	.03363	.11598	.30704	.73113	.87363	.21519	.08035	.26507

#1	2.9587	.98335	1.5340	.60376	12.011	7.0193	.47621	3.9602
#2	2.9596	.98552	1.5377	.60956	12.219	7.0470	.47548	3.9476
#3	2.9607	.98507	1.5433	.61251	12.149	7.0437	.47605	3.9685

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.4454	.23052	4.0129	.75618	4.6478	8.3396	102.06
Stddev	.0043	.00048	.0144	.00250	.0170	.0079	.90
%RSD	.09636	.20813	.35880	.33081	.36486	.09485	.87946

#1	4.4455	.23039	4.0136	.75633	4.6574	8.3345	101.67
#2	4.4410	.23012	3.9981	.75360	4.6282	8.3356	101.42
#3	4.4496	.23105	4.0269	.75860	4.6577	8.3487	103.08

Sample Name: S5 Acquired: 10/16/2019 11:54:04 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: IR Corr. Factor: 1.000000
User: BIN 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	1275.6	2412.7	34819.	7123.6	2539.0
Stddev	1.1	2.1	44.	38.9	4.5
%RSD	.08687	.08766	.12767	.54569	.17624
#1	1276.9	2410.8	34823.	7097.7	2535.2
#2	1274.8	2415.0	34862.	7168.3	2543.9
#3	1275.2	2412.4	34773.	7104.7	2537.7

Sample Name: ICV Acquired: 10/16/2019 12:15:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9684742	1.057067	.9811882	1.045831	1.003905	2.314960
Stddev	.0082874	.009445	.0046608	.003316	.002236	.004894
%RSD	.8557147	.8935110	.4750155	.3171007	.2227312	.2114103

#1	.9704890	1.049237	.9771091	1.042793	1.001429	2.318487
#2	.9755684	1.054408	.9862681	1.049369	1.005777	2.309372
#3	.9593652	1.067557	.9801874	1.045333	1.004510	2.317020

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5055998	.4981533	.5024478	10.46441	.5329116	.4955163
Stddev	.0018462	.0053421	.0013642	.01482	.0020413	.0009409
%RSD	.3651529	1.072388	.2715152	.1416168	.3830515	.1898792

#1	.5042370	.4938075	.5009696	10.45512	.5323681	.4944727
#2	.5077009	.5041175	.5027151	10.48150	.5351696	.4962997
#3	.5048616	.4965349	.5036585	10.45662	.5311970	.4957766

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4680217	5.302721	.5039805	5.980120	.5103146	.4637396
Stddev	.0042797	.011603	.0017977	.031708	.0016450	.0013152
%RSD	.9144273	.2188170	.3566981	.5302157	.3223593	.2836078

#1	.4642803	5.315500	.5049993	5.943590	.5086447	.4649682
#2	.4670963	5.292843	.5019048	6.000519	.5119337	.4623522
#3	.4726884	5.299820	.5050375	5.996251	.5103652	.4638984

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.840205	.5082898	1.023370	9.182548	F .0035327	F .0058033
Stddev	.108863	.0049638	.019675	.041097	.0015060	.0005765
%RSD	1.106304	.9765667	1.922565	.4475531	42.63053	9.933703

#1	9.749827	.5041589	1.039494	9.224883	.0038458	.0057735
#2	9.961057	.5137963	1.001448	9.142813	.0018948	.0052422
#3	9.809731	.5069141	1.029169	9.179949	.0048576	.0063940

Sample Name: ICV Acquired: 10/16/2019 12:15:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN 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 .0000633	F -.001157	F .0022649	F .0001911	F -.001177	F .0044768
Stddev	.0002188	.006305	.0008660	.0001976	.001772	.0013965
%RSD	345.3286	544.8702	38.23557	103.3921	150.4701	31.19488

#1	.0000253	.003073	.0012965	.0004188	.000304	.0035046
#2	.0002986	-.008404	.0025330	.0000645	-.003140	.0060771
#3	-.000134	.001859	.0029651	.0000900	-.000696	.0038488

Elem	Sr4077
Units	ppm
Avg	F .0115278
Stddev	.0001093
%RSD	.9479318

#1	.0116078
#2	.0114033
#3	.0115723

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1585.356	2919.550	38734.98	7596.964	3243.572
Stddev	14.759	1.132	221.47	44.483	4.656
%RSD	.9309596	.0387733	.5717480	.5855309	.1435430

#1	1576.163	2919.272	38602.31	7644.281	3248.946
#2	1602.380	2918.583	38990.65	7555.999	3240.732
#3	1577.525	2920.796	38611.99	7590.611	3241.039

Sample Name: S6 Acquired: 10/16/2019 11:58:06 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: IR Corr. Factor: 1.000000
User: BIN 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	70.046	57.476	25.925	9.6620	4.1563
Stddev	.525	.204	.104	.0344	.0161
%RSD	.74999	.35457	.40039	.35584	.38830

#1	70.650	57.671	26.014	9.6958	4.1695
#2	69.795	57.265	25.950	9.6633	4.1611
#3	69.693	57.492	25.811	9.6270	4.1383

Int. Std.	Y_3710
Units	Cts/S
Avg	7069.0
Stddev	49.2
%RSD	.69550

#1	7013.4
#2	7086.7
#3	7106.8

Sample Name: ICB Acquired: 10/16/2019 12:19:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN 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	-.001860	.0000136	-.000375	.0015644	.0042420	.0111191	-.000095
Stddev	.000349	.0030622	.000927	.0012723	.0008603	.0009706	.000445
%RSD	18.74247	22495.81	247.4303	81.33013	20.28166	8.728689	470.5422

#1	-.002223	.0027717	.000674	.0003428	.0039422	.0104703	-.000608
#2	-.001831	-.003282	-.000713	.0028819	.0052121	.0106521	.000166
#3	-.001527	.000551	-.001084	.0014684	.0035717	.0122349	.000158

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000025	-.000036	-.005469	.0005681	-.000362	.0003140	-.003536
Stddev	.000067	.000018	.001047	.0002026	.000208	.0017231	.007615
%RSD	268.3512	50.07668	19.14044	35.67441	57.38929	548.7282	215.3495

#1	.000015	-.000020	-.006631	.0003376	-.000602	.0006267	.004800
#2	-.000102	-.000055	-.004600	.0006482	-.000249	.0018594	-.010128
#3	.000012	-.000032	-.005177	.0007184	-.000236	-.001544	-.005281

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001315	-.005621	-.000044	-.000188	.0904431	.0033656	-.000372
Stddev	.0002894	.004304	.000347	.000028	.3063529	.0017886	.000649
%RSD	220.0179	76.57043	781.7272	15.14779	338.7244	53.14370	174.3944

#1	.0002088	-.000983	.000222	-.000157	-.114454	.0047623	.000216
#2	-.000189	-.006392	-.000437	-.000193	.442621	.0039849	-.001068
#3	.000374	-.009487	.000082	-.000213	-.056838	.0013497	-.000263

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.038847	.0026110	.0033675	-.000027	-.004391	-.001150	.0002820
Stddev	.037973	.0008491	.0001834	.000117	.003266	.000102	.0015341
%RSD	97.75028	32.52012	5.447519	437.9664	74.36886	8.836741	543.9504

#1	-.076124	.0028424	.0035270	.000087	-.007755	-.001261	.0014993
#2	-.040201	.0016702	.0031670	-.000021	-.001233	-.001062	.0007879
#3	-.000215	.0033205	.0034085	-.000146	-.004186	-.001128	-.001441

Sample Name: ICB Acquired: 10/16/2019 12:19:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000029	.0041975	.0000438
Stddev	.000751	.0004369	.0000685
%RSD	2597.517	10.40863	156.4946

#1	-.000108	.0039474	.0000467
#2	.000759	.0039431	-.000026
#3	-.000737	.0047020	.000111

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1589.492	2928.737	38831.51	7623.080	3251.472
Stddev	7.191	6.082	92.48	7.160	5.429
%RSD	.4523996	.2076695	.2381651	.0939214	.1669836

#1	1581.497	2921.912	38801.44	7627.053	3246.742
#2	1591.548	2930.715	38757.80	7627.373	3257.400
#3	1595.431	2933.583	38935.28	7614.815	3250.273

Sample Name: ICSA Acquired: 10/16/2019 12:28:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024461	-.000245	-.001205	.0068668	.0068760	231.8494
Stddev	.0067357	.001359	.000606	.0033211	.0016049	.8696
%RSD	275.3630	555.4188	50.33007	48.36419	23.34022	.3750671

#1	.0068566	-.000825	-.001498	.0047271	.0065077	230.8572
#2	-.005307	-.001217	-.001609	.0106927	.0054872	232.2120
#3	.005789	.001308	-.000508	.0051806	.0086330	232.4791

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057796	.0013826	.0010243	251.0894	.0619669	.0001465
Stddev	.0004370	.0000864	.0000554	.2216	.0006831	.0003226
%RSD	7.561203	6.252151	5.411707	.0882691	1.102389	220.2479

#1	.0058280	.0014763	.0009625	251.1982	.0619861	.0003109
#2	.0061904	.0013656	.0010410	251.2356	.0626402	.0003536
#3	.0053204	.0013059	.0010695	250.8343	.0612744	-.000225

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036398	100.1859	.0151695	253.7819	.0058955	-.002176
Stddev	.0023581	.1428	.0004615	.7527	.0005052	.000188
%RSD	64.78625	.1425434	3.042549	.2965768	8.568577	8.632836

#1	.0009170	100.0266	.0156108	252.9335	.0058403	-.002014
#2	.0049893	100.2289	.0152076	254.0429	.0064259	-.002382
#3	.0050132	100.3024	.0146901	254.3693	.0054202	-.002132

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0433713	.0030942	.0035416	-.141190	.0091257	.0128401
Stddev	.4085659	.0008289	.0027351	.044836	.0023529	.0007226
%RSD	942.0192	26.78701	77.22930	31.75590	25.78343	5.627861

#1	-.409569	.0023001	.0050102	-.129162	.0094188	.0136531
#2	.155561	.0030287	.0052287	-.103594	.0066400	.0122708
#3	.384122	.0039539	.0003858	-.190813	.0113184	.0125965

Sample Name: ICSA Acquired: 10/16/2019 12:28:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013522	F -.007331	F -.003909	-.003738	F -.002739	W .0072162
Stddev	.0007004	.008373	.000929	.002326	.000795	.0022161
%RSD	51.79796	114.2180	23.76210	62.24520	29.02053	30.71024

#1	.0006596	-.015228	-.004205	-.006285	-.001988	.0046880
#2	.0020602	-.008213	-.002868	-.001725	-.002658	.0088226
#3	.0013368	.001449	-.004654	-.003204	-.003572	.0081382

Elem	Sr4077
Units	ppm
Avg	F .0983789
Stddev	.0003224
%RSD	.3277409

#1	.0986015
#2	.0985259
#3	.0980091

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1478.277	2751.995	36356.23	7518.439	2821.532
Stddev	9.904	3.104	82.00	22.216	1.697
%RSD	.6699890	.1127956	.2255352	.2954896	.0601324

#1	1474.257	2751.303	36266.28	7539.832	2819.868
#2	1471.014	2755.387	36375.61	7495.482	2823.260
#3	1489.559	2749.296	36426.81	7520.004	2821.469

Sample Name: CCV013 Acquired: 10/16/2019 12:45:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV013 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.903520	4.879730	24.82501	4.794500	4.982348	400.4984	10.19545
Stddev	.003191	.007469	.01445	.008130	.011311	8.4655	.18501
%RSD	.0650738	.1530629	.0582217	.1695779	.2270120	2.113745	1.814615

#1	4.902043	4.882271	24.83367	4.796563	4.972799	395.4538	10.09816
#2	4.901335	4.871322	24.80832	4.785537	4.979407	410.2719	10.40880
#3	4.907182	4.885598	24.83302	4.801401	4.994839	395.7696	10.07938

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4983205	2.497026	409.3105	15.49828	2.510633	14.80043	412.7554
Stddev	.0087326	.002183	7.7069	.04632	.003767	.18086	6.6569
%RSD	1.752416	.0874261	1.882894	.2988819	.1500275	1.222020	1.612791

#1	.4966435	2.498486	405.6141	15.54924	2.513909	14.63512	407.9573
#2	.5077700	2.494516	418.1693	15.45873	2.506518	14.99361	420.3552
#3	.4905479	2.498075	404.1482	15.48687	2.511473	14.77257	409.9536

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.84031	404.9143	2.532647	1.283771	406.4851	2.474899	15.00050
Stddev	.26693	6.7014	.002587	.003359	6.1873	.025536	.15004
%RSD	1.798683	1.655029	.1021482	.2616472	1.522145	1.031814	1.000214

#1	14.67741	400.2349	2.535308	1.287595	402.9293	2.460859	14.87274
#2	15.14836	412.5914	2.532492	1.282420	413.6295	2.504375	14.96304
#3	14.69515	401.9167	2.530141	1.281298	402.8964	2.459463	15.16571

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.7486	5.029803	4.964776	4.935340	5.068706	4.904281	5.032079
Stddev	2.0482	.007448	.082082	.007992	.003965	.085724	.006891
%RSD	1.358660	.1480818	1.653294	.1619414	.0782202	1.747935	.1369499

#1	148.9093	5.028822	4.955991	4.926564	5.073259	4.911668	5.038173
#2	152.9558	5.022893	5.050897	4.937255	5.066846	4.986073	5.024600
#3	150.3806	5.037692	4.887439	4.942201	5.066013	4.815104	5.033462

Sample Name: CCV013 Acquired: 10/16/2019 12:45:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV013 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.073418	5.129957	5.045390
Stddev	.145490	.116545	.095432
%RSD	2.867686	2.271848	1.891469

#1	5.027090	5.075381	5.051205
#2	5.236430	5.263776	5.137781
#3	4.956734	5.050715	4.947183

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1331.775	2479.929	34594.85	7164.666	2545.138
Stddev	3.706	1.811	53.34	115.337	2.858
%RSD	.2782738	.0730215	.1541880	1.609796	.1122848

#1	1335.184	2481.909	34592.85	7192.447	2541.843
#2	1332.312	2478.358	34649.17	7037.976	2546.638
#3	1327.830	2479.518	34542.54	7263.574	2546.934

Sample Name: ICSAB Acquired: 10/16/2019 12:32:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1044037	.1155076	.0525631	.0490103	.6529927	250.5410
Stddev	.0066110	.0054947	.0021268	.0029942	.0091452	1.1810
%RSD	6.332159	4.757025	4.046138	6.109335	1.400499	.4713987

#1	.0968151	.1194573	.0501349	.0462371	.6439510	250.6111
#2	.1089161	.1092325	.0540949	.0486089	.6527893	249.3264
#3	.1074799	.1178329	.0534596	.0521850	.6622379	251.6854

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5507832	.5303128	1.089902	270.3841	.6299644	.5392569
Stddev	.0009604	.0025262	.002247	.4470	.0016777	.0012674
%RSD	.1743777	.4763679	.2061293	.1653165	.2663204	.2350342

#1	.5502525	.5324315	1.088618	270.2559	.6318877	.5388879
#2	.5502052	.5275170	1.088593	270.0152	.6288015	.5382149
#3	.5518919	.5309901	1.092497	270.8812	.6292041	.5406678

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4844484	107.7741	.5377252	273.5883	1.095474	.2200636
Stddev	.0015620	.3491	.0012299	.5371	.002736	.0015884
%RSD	.3224360	.3239629	.2287184	.1963047	.2498007	.7218023

#1	.4849182	107.6345	.5367841	273.1508	1.092663	.2211038
#2	.4827053	107.5164	.5372747	273.4263	1.095631	.2208518
#3	.4857216	108.1715	.5391168	274.1877	1.098129	.2182352

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021097	.5293725	1.131297	-.266596	F .0155449	F .1760638
Stddev	.0606421	.0018855	.010295	.017554	.0036247	.0023972
%RSD	2874.430	.3561775	.9099853	6.584546	23.31729	1.361530

#1	-.067888	.5285390	1.119986	-.246392	.0197301	.1784372
#2	.035459	.5280475	1.133786	-.275287	.0134179	.1736436
#3	.038758	.5315312	1.140119	-.278109	.0134867	.1761105

Sample Name: ICSAB Acquired: 10/16/2019 12:32:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN 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 .1620827	F -.011858	F .1506520	F .1617890	F .1650556	W .0034163
Stddev	.0006474	.003120	.0011559	.0016953	.0021649	.0013219
%RSD	.3994497	26.31072	.7672538	1.047841	1.311645	38.69264

#1	.1618256	-.013668	.1518397	.1634081	.1631060	.0036997
#2	.1616033	-.013651	.1495308	.1619323	.1673855	.0019758
#3	.1628192	-.008256	.1505854	.1600266	.1646753	.0045735

Elem	Sr4077
Units	ppm
Avg	F .1061491
Stddev	.0003267
%RSD	.3077629

#1	.1064581
#2	.1061820
#3	.1058073

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1476.902	2730.858	36340.50	7471.494	2819.148
Stddev	10.179	3.765	155.97	16.492	6.315
%RSD	.6892269	.1378602	.4291885	.2207279	.2240209

#1	1485.092	2732.153	36406.56	7456.697	2820.458
#2	1465.506	2733.804	36162.38	7468.512	2824.705
#3	1480.108	2726.616	36452.58	7489.273	2812.280

Sample Name: K5272-03A Acquired: 10/16/2019 12:55:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAPP9A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0671572	.0005873	26.77579	.0632623	.1435285	51.38605	1.113062
Stddev	.0017949	.0037147	.09364	.0028137	.0029181	.31559	.002226
%RSD	2.672607	632.4873	.3497334	4.447721	2.033136	.6141592	.1999989

#1	.0651011	-.003668	26.69526	.0627429	.1415450	51.02171	1.110635
#2	.0684109	.002251	26.75356	.0607444	.1468792	51.56177	1.115010
#3	.0679595	.003180	26.87854	.0662995	.1421612	51.57467	1.113541

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084732	.4292371	568.7217	.0927876	.1616346	.1196898	178.4182
Stddev	.0001277	.0005365	1.3183	.0002657	.0007748	.0002545	1.1284
%RSD	1.507547	.1249970	.2318079	.2864031	.4793375	.2126725	.6324738

#1	.0083261	.4286504	570.1139	.0926378	.1620388	.1194716	177.1229
#2	.0085371	.4293583	567.4924	.0930944	.1607414	.1196284	179.1889
#3	.0085563	.4297027	568.5586	.0926306	.1621238	.1199695	178.9427

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.08654	302.2190	.1551566	.0291396	.7124438	.1994383	12.42556
Stddev	.08325	1.6786	.0009297	.0002677	.1447397	.0038131	.02420
%RSD	.4361777	.5554399	.5992158	.9188119	20.31595	1.911938	.1947222

#1	18.99507	300.2828	.1560281	.0288306	.6147005	.1951578	12.41743
#2	19.15789	303.2661	.1541780	.0292833	.8787218	.2024718	12.40647
#3	19.10667	303.1081	.1552637	.0293047	.6439089	.2006854	12.45277

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.922380	3.194116	.0526391	.0027189	5.550745	10.60470	.0023407
Stddev	.051620	.009890	.0012635	.0005499	.016240	.07843	.0012472
%RSD	1.048674	.3096277	2.400286	20.22654	.2925670	.7395796	53.28337

#1	4.863018	3.189381	.0539730	.0021596	5.562617	10.52565	.0034365
#2	4.947395	3.205483	.0514604	.0027379	5.557380	10.68250	.0009835
#3	4.956726	3.187484	.0524838	.0032590	5.532239	10.60596	.0026020

Sample Name: K5272-03A Acquired: 10/16/2019 12:55:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAPP9A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4858072	.0355964	.1697503
Stddev	.0046596	.0010581	.0005671
%RSD	.9591350	2.972513	.3340966

#1	.4880102	.0365197	.1695131
#2	.4889568	.0358277	.1703976
#3	.4804546	.0344418	.1693404

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1672.239	3067.915	41760.26	8579.005	2752.804
Stddev	7.582	1.542	215.20	31.341	4.246
%RSD	.4534050	.0502737	.5153144	.3653277	.1542390

#1	1667.303	3068.378	41613.71	8613.210	2755.130
#2	1680.969	3066.195	42007.32	8572.140	2747.904
#3	1668.444	3069.173	41659.74	8551.665	2755.379

Sample Name: K5220-10A Acquired: 10/16/2019 12:59:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH1A86A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0430157	-.000339	.0191383	.0757761	.0047812	12.08611
Stddev	.0005417	.001814	.0008225	.0020742	.0011644	.06790
%RSD	1.259369	535.3535	4.297582	2.737332	24.35391	.5617718

#1	.0432889	-.001501	.0183645	.0780538	.0039158	12.07177
#2	.0433664	-.001267	.0200021	.0739957	.0043228	12.02654
#3	.0423918	.001751	.0190482	.0752788	.0061051	12.16004

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0655583	.0031393	.0022718	169.3073	.0021135	.0245512
Stddev	.0004320	.0000594	.0000862	.4670	.0008125	.0002783
%RSD	.6589042	1.893388	3.795028	.2758467	38.44569	1.133376

#1	.0650911	.0031470	.0021723	169.5652	.0014493	.0242623
#2	.0656405	.0030764	.0023184	168.7682	.0030195	.0245738
#3	.0659433	.0031945	.0023246	169.5885	.0018717	.0248175

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.576890	13.37998	1.179941	4.275388	.0077595	-.000270
Stddev	.011873	.01838	.002747	.028381	.0002065	.000293
%RSD	.7529670	.1374029	.2328349	.6638280	2.661300	108.7071

#1	1.568259	13.36768	1.177442	4.304445	.0079952	-.000182
#2	1.571979	13.37114	1.179498	4.247735	.0076723	-.000597
#3	1.590431	13.40111	1.182882	4.273984	.0076108	-.000031

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.696833	.0006521	.5021848	-.097472	.0531518	.1477441
Stddev	.114187	.0003560	.0041009	.076395	.0008469	.0010940
%RSD	6.729396	54.59100	.8166046	78.37677	1.593291	.7404457

#1	1.635460	.0002445	.5017157	-.057630	.0525429	.1473771
#2	1.626457	.0009019	.4983386	-.185552	.0541189	.1489744
#3	1.828582	.0008099	.5065000	-.049233	.0527935	.1468808

Sample Name: K5220-10A Acquired: 10/16/2019 12:59:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH1A86A Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000237	F 175.5779	.7209935	-.005196	-.003701	.0218175
Stddev	.000209	.3297	.0048543	.000923	.000394	.0011430
%RSD	88.31593	.1877872	.6732765	17.76787	10.64577	5.238777
#1	-.000394	175.6812	.7187698	-.004153	-.004133	.0218386
#2	-.000317	175.2089	.7265613	-.005907	-.003609	.0229498
#3	.000001	175.8436	.7176495	-.005528	-.003361	.0206642

Elem	Sr4077
Units	ppm
Avg	.1160247
Stddev	.0003382
%RSD	.2914702
#1	.1163235
#2	.1156576
#3	.1160930

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1636.090	3003.656	40290.09	8022.301	3267.610
Stddev	5.075	3.256	78.54	13.981	2.001
%RSD	.3102086	.1083865	.1949294	.1742715	.0612483
#1	1633.338	3002.449	40248.98	8007.060	3269.919
#2	1641.947	3007.342	40380.65	8034.529	3266.539
#3	1632.984	3001.176	40240.65	8025.315	3266.373

Sample Name: K5271-03DLX2 Acquired: 10/16/2019 13:03:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAPN0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0300363	.0005271	8.777078	-.008240	.0049909	5.065945	.0683874
Stddev	.0045664	.0026005	.011715	.003021	.0006089	.017938	.0004817
%RSD	15.20300	493.3818	.1334783	36.66590	12.19933	.3540988	.7044046

#1	.0341264	-.001478	8.788196	-.008570	.0048762	5.077287	.0678360
#2	.0308733	.003465	8.764845	-.011082	.0044477	5.075285	.0685991
#3	.0251093	-.000406	8.778192	-.005067	.0056490	5.045264	.0687270

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039146	.2225073	652.8721	.0420660	.0527684	.0755951	116.8436
Stddev	.0000971	.0003447	2.9064	.0004953	.0001298	.0004222	.3477
%RSD	2.480288	.1548974	.4451732	1.177533	.2459885	.5585649	.2975590

#1	.0040257	.2221584	651.1593	.0425816	.0526200	.0757409	116.6681
#2	.0038457	.2225160	651.2291	.0420225	.0528243	.0759251	117.2440
#3	.0038726	.2228476	656.2279	.0415938	.0528608	.0751193	116.6186

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.15783	341.9055	.0495234	.0131589	.7616633	.0902781	11.60132
Stddev	.02901	.7000	.0005860	.0003052	.2111778	.0020881	.06255
%RSD	.2204780	.2047495	1.183321	2.319673	27.72587	2.313004	.5391442

#1	13.13483	341.3573	.0501240	.0134187	.5554637	.0879470	11.56244
#2	13.19042	342.6941	.0489531	.0132352	.7520362	.0909102	11.67347
#3	13.14823	341.6651	.0494933	.0128227	.9774900	.0919772	11.56805

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7311244	1.347478	.0462208	.0010137	11.18067	.4004631	-.003156
Stddev	.0404964	.007309	.0007388	.0005759	.01455	.0017710	.001857
%RSD	5.538924	.5424149	1.598341	56.81481	.1301025	.4422252	58.84143

#1	.6868878	1.342131	.0470299	.0009817	11.19736	.4008283	-.002068
#2	.7401164	1.344497	.0460503	.0004545	11.17399	.3985380	-.005300
#3	.7663691	1.355806	.0455822	.0016050	11.17066	.4020230	-.002100

Sample Name: K5271-03DLX2 Acquired: 10/16/2019 13:03:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAPN0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0827193	.0137505	.1682700
Stddev	.0014133	.0021671	.0004477
%RSD	1.708559	15.76012	.2660681

#1	.0843009	.0137565	.1681677
#2	.0815802	.0159145	.1678823
#3	.0822768	.0115804	.1687600

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1469.084	2706.639	36935.00	7620.440	2673.729
Stddev	5.197	8.250	313.50	29.965	6.208
%RSD	.3537587	.3048139	.8487949	.3932127	.2321924

#1	1475.059	2702.995	37116.19	7651.082	2672.499
#2	1465.615	2700.839	36573.00	7591.202	2668.229
#3	1466.578	2716.084	37115.81	7619.036	2680.461

Sample Name: K5271-05DLX2 Acquired: 10/16/2019 13:11:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAPN0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0745811	.0575874	11.87148	.0094079	.0516746	7.352691	2.143448
Stddev	.0056692	.0066830	.01995	.0051132	.0006983	.062788	.007510
%RSD	7.601444	11.60491	.1680432	54.35046	1.351374	.8539505	.3503815

#1	.0745392	.0608303	11.87702	.0090120	.0508717	7.417779	2.150656
#2	.0689330	.0499017	11.84935	.0147076	.0521405	7.292488	2.135668
#3	.0802712	.0620300	11.88808	.0045041	.0520115	7.347806	2.144022

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0514172	.3416418	666.2318	.2460326	.5831775	.2288736	115.7051
Stddev	.0002384	.0008574	6.2582	.0011162	.0008513	.0035541	.7665
%RSD	.4636535	.2509578	.9393371	.4536834	.1459850	1.552880	.6624497

#1	.0511432	.3421005	660.3731	.2450327	.5822216	.2322562	116.4572
#2	.0515776	.3406527	672.8247	.2472369	.5838543	.2251697	114.9250
#3	.0515307	.3421723	665.4975	.2458283	.5834565	.2291950	115.7330

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.68613	352.9913	.5878233	.0686682	.8561673	.5841572	14.51093
Stddev	.05975	1.9829	.0014622	.0004581	.1119367	.0052287	.20084
%RSD	.4365504	.5617517	.2487423	.6671844	13.07416	.8950815	1.384066

#1	13.74066	354.7362	.5862555	.0691510	.8895079	.5877924	14.69087
#2	13.62226	350.8349	.5880647	.0682396	.9476456	.5781649	14.29426
#3	13.69547	353.4029	.5891497	.0686139	.7313484	.5865143	14.54765

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8237134	2.678232	.0496445	.0007543	12.18321	.4812082	-.004289
Stddev	.0086097	.021354	.0022929	.0003918	.02450	.0036945	.000778
%RSD	1.045234	.7973141	4.618585	51.94488	.2010581	.7677490	18.14658

#1	.8144803	2.653923	.0520731	.0006557	12.17596	.4773075	-.004916
#2	.8251379	2.686808	.0475171	.0011859	12.16316	.4816627	-.004534
#3	.8315221	2.693964	.0493434	.0004211	12.21051	.4846543	-.003418

Sample Name: K5271-05DLX2 Acquired: 10/16/2019 13:11:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAPN0S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0805936	.0139184	.1814257
Stddev	.0010722	.0009871	.0002837
%RSD	1.330405	7.092061	.1563713

#1	.0817903	.0139896	.1812778
#2	.0797201	.0128976	.1817528
#3	.0802706	.0148679	.1812466

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1483.119	2720.954	37173.57	7637.602	2673.815
Stddev	7.925	2.900	282.05	15.115	1.595
%RSD	.5343743	.1065713	.7587316	.1979079	.0596445

#1	1474.388	2724.235	36850.33	7629.462	2674.170
#2	1489.860	2718.735	37300.75	7628.302	2675.203
#3	1485.107	2719.892	37369.63	7655.043	2672.073

Sample Name: K5271-04DLX2 Acquired: 10/16/2019 13:07:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAPN0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0309992	.0020609	10.17347	-.006554	.0033910	11.09143	.2084962
Stddev	.0064711	.0009887	.02764	.002578	.0017469	.10793	.0002265
%RSD	20.87496	47.97512	.2716518	39.32959	51.51746	.9731229	.1086456

#1	.0358990	.0011608	10.18981	-.005923	.0044152	11.19643	.2087573
#2	.0334347	.0019027	10.18904	-.004350	.0013739	11.09709	.2083786
#3	.0236637	.0031192	10.14156	-.009388	.0043839	10.98078	.2083527

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040119	.2271941	582.6822	.0459055	.0613438	.0734499	114.0701
Stddev	.0000432	.0004412	2.6972	.0005812	.0003864	.0019213	.8101
%RSD	1.077304	.1942135	.4628923	1.266136	.6299052	2.615824	.7101551

#1	.0039681	.2271505	585.5516	.0453683	.0609113	.0752622	114.7740
#2	.0040545	.2267762	582.2962	.0465225	.0614652	.0714356	114.2516
#3	.0040129	.2276555	580.1988	.0458258	.0616549	.0736518	113.1846

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.67271	302.0798	.0585915	.0139639	.5887584	.0945244	10.47896
Stddev	.09034	2.0370	.0006250	.0004320	.0838375	.0043020	.05746
%RSD	.7128779	.6743145	1.066696	3.093886	14.23971	4.551201	.5483602

#1	12.75429	303.9831	.0585652	.0139262	.5015390	.0927849	10.54472
#2	12.68823	302.3249	.0579801	.0135519	.6687453	.0994237	10.45375
#3	12.57562	299.9314	.0592292	.0144135	.5959908	.0913645	10.43840

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.201580	1.454519	.0435337	.0011722	9.239640	1.716204	-.001642
Stddev	.061607	.009098	.0009488	.0006001	.044259	.003586	.002041
%RSD	5.127175	.6254857	2.179499	51.19149	.4790173	.2089209	124.3292

#1	1.190474	1.445641	.0443158	.0017399	9.205224	1.718042	-.002137
#2	1.146282	1.454093	.0438069	.0012325	9.224130	1.718497	-.003390
#3	1.267985	1.463822	.0424782	.0005443	9.289568	1.712072	.000601

Sample Name: K5271-04DLX2 Acquired: 10/16/2019 13:07:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAPN0D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1309404	.0162737	.1512616
Stddev	.0006451	.0006037	.0001897
%RSD	.4926603	3.709675	.1253892

#1	.1303325	.0156212	.1510619
#2	.1316172	.0168124	.1514393
#3	.1308715	.0163874	.1512836

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1503.868	2765.093	37410.89	7752.446	2714.160
Stddev	6.496	5.361	197.03	18.710	3.135
%RSD	.4319438	.1938897	.5266528	.2413479	.1155138

#1	1502.413	2769.936	37417.49	7731.056	2715.974
#2	1510.968	2766.012	37604.53	7765.771	2715.966
#3	1498.223	2759.332	37210.64	7760.512	2710.540

Sample Name: K5270-02DLX2 Acquired: 10/16/2019 13:36:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAPL0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0339993	.0007630	30.01278	-.006975	.0003590	5.294973	.0709647
Stddev	.0059957	.0017882	.06066	.001582	.0036634	.034999	.0002110
%RSD	17.63484	234.3525	.2021082	22.67814	1020.582	.6609907	.2973157

#1	.0404856	.0018108	29.95692	-.007646	.0037957	5.334250	.0711254
#2	.0328527	.0017800	30.00412	-.005168	-.003495	5.267093	.0710430
#3	.0286598	-.001302	30.07730	-.008111	.000776	5.283575	.0707258

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032171	.5575465	325.3444	.0764503	.0423340	.0283864	92.63470
Stddev	.0000452	.0012767	.7302	.0003300	.0005479	.0023526	.10023
%RSD	1.404853	.2289815	.2244452	.4316013	1.294237	8.287836	.1081969

#1	.0032265	.5565474	326.1223	.0760880	.0421889	.0264790	92.74817
#2	.0032569	.5571074	324.6738	.0765295	.0418733	.0310153	92.55824
#3	.0031680	.5589848	325.2370	.0767334	.0429399	.0276649	92.59769

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.007908	168.2536	.0368335	.0423338	.5019299	.1126565	25.47546
Stddev	.018476	.3319	.0002369	.0002763	.1694888	.0027692	.20283
%RSD	.2636429	.1972806	.6430755	.6527095	33.76743	2.458107	.7961960

#1	7.028584	168.5003	.0370393	.0425639	.6930648	.1157087	25.67954
#2	6.993015	168.3843	.0365746	.0420273	.4427917	.1103047	25.27389
#3	7.002126	167.8762	.0368866	.0424103	.3699334	.1119562	25.47296

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3335696	1.087759	.0288250	.0003519	17.78348	1.619115	-.003799
Stddev	.0591942	.007052	.0018408	.0005114	.05812	.002593	.000997
%RSD	17.74567	.6483311	6.386034	145.3213	.3268339	.1601247	26.25256

#1	.2730253	1.082880	.0273078	.0007590	17.73724	1.619785	-.004858
#2	.3913143	1.084553	.0282943	.0005190	17.76448	1.621307	-.003661
#3	.3363692	1.095845	.0308728	-.000222	17.84873	1.616254	-.002878

Sample Name: K5270-02DLX2 Acquired: 10/16/2019 13:36:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAPL0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1518912	.0052274	.0807926
Stddev	.0016068	.0014067	.0001417
%RSD	1.057827	26.90975	.1753481

#1	.1534650	.0048897	.0807924
#2	.1502534	.0067723	.0806510
#3	.1519551	.0040204	.0809343

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1516.638	2769.319	37680.33	7623.475	2861.406
Stddev	6.701	3.537	41.15	10.539	3.987
%RSD	.4418227	.1277348	.1092076	.1382445	.1393530

#1	1509.409	2765.621	37714.23	7621.270	2864.863
#2	1522.642	2772.671	37692.23	7614.212	2862.311
#3	1517.863	2769.664	37634.55	7634.941	2857.044

Sample Name: K5272-02DLX2 Acquired: 10/16/2019 13:32:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAPP8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0222851	.0016309	17.14307	-.006376	.0029338	2.927658	.0454739
Stddev	.0133887	.0023315	.02515	.001356	.0037013	.014204	.0001756
%RSD	60.07908	142.9517	.1466874	21.26401	126.1615	.4851670	.3862468

#1	.0377437	.0012142	17.17200	-.004927	.0065043	2.917570	.0453267
#2	.0147292	-.000464	17.13078	-.006586	-.000886	2.943901	.0456683
#3	.0143823	.004143	17.12643	-.007614	.003183	2.921501	.0454267

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035742	.0938122	705.1789	.0364477	.0367832	.0164938	98.18653
Stddev	.0000538	.0001792	3.3827	.0003398	.0004929	.0013103	.49721
%RSD	1.506133	.1909734	.4796907	.9323135	1.340116	7.943896	.5063938

#1	.0036323	.0937297	702.5571	.0361288	.0362406	.0179199	97.85457
#2	.0035643	.0936893	708.9972	.0368051	.0369055	.0162180	98.75818
#3	.0035260	.0940178	703.9825	.0364091	.0372035	.0153433	97.94684

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.96421	373.3477	.0425208	.0060659	.7066118	.0575703	5.146057
Stddev	.05652	1.6035	.0011258	.0001881	.1896297	.0013330	.008558
%RSD	.4047793	.4294791	2.647632	3.101555	26.83647	2.315418	.1662944

#1	13.93028	371.9841	.0419204	.0061406	.5006260	.0590068	5.138816
#2	14.02946	375.1141	.0418224	.0058519	.8739226	.0573310	5.143854
#3	13.93287	372.9448	.0438195	.0062052	.7452869	.0563732	5.155501

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6117134	.7612249	.0404045	.0016056	7.982453	1.070575	-.005834
Stddev	.0233511	.0071277	.0010380	.0001542	.015495	.010266	.001745
%RSD	3.817332	.9363478	2.569071	9.601266	.1941083	.9588784	29.90714

#1	.6351093	.7557447	.0392548	.0016588	7.964601	1.069280	-.003827
#2	.6116234	.7586471	.0412729	.0014319	7.992408	1.081427	-.006987
#3	.5884073	.7692829	.0406857	.0017262	7.990350	1.061019	-.006688

Sample Name: K5272-02DLX2 Acquired: 10/16/2019 13:32:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAPP8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0513681	.0097748	.1787935
Stddev	.0020350	.0010478	.0006374
%RSD	3.961614	10.71907	.3565243

#1	.0535799	.0093530	.1792484
#2	.0509493	.0109677	.1780649
#3	.0495750	.0090036	.1790672

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1475.462	2710.773	36901.82	7616.343	2685.435
Stddev	2.151	4.674	191.41	57.553	3.667
%RSD	.1457625	.1724203	.5187124	.7556512	.1365362

#1	1476.852	2708.150	36945.05	7653.738	2681.207
#2	1472.985	2716.169	37067.92	7550.069	2687.748
#3	1476.549	2707.999	36692.49	7645.224	2687.349

Sample Name: K5270-05DLX2 Acquired: 10/16/2019 13:44:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAPL3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0338949	-.001168	29.45372	-.004226	.0010060	7.545366
Stddev	.0022445	.002051	.03564	.001222	.0037748	.029088
%RSD	6.621996	175.6068	.1210094	28.91795	375.2423	.3855102

#1	.0350640	-.001100	29.43365	-.005614	-.000517	7.511927
#2	.0313072	-.003252	29.43264	-.003757	-.001770	7.564818
#3	.0353135	.000848	29.49487	-.003309	.005304	7.559354

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1714300	.0034426	1.001603	418.8044	.0599823	.0608694
Stddev	.0004132	.0000466	.001482	.8558	.0002340	.0005707
%RSD	.2410626	1.354061	.1479139	.2043445	.3901388	.9375149

#1	.1714740	.0034398	.999973	417.8229	.0601973	.0604626
#2	.1718195	.0033975	1.001968	419.3943	.0600164	.0606239
#3	.1709966	.0034906	1.002867	419.1961	.0597331	.0615218

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0463433	104.0306	8.655990	214.7332	.0539333	.0611092
Stddev	.0013585	.3280	.029012	.8036	.0004765	.0003546
%RSD	2.931332	.3152825	.3351632	.3742468	.8835706	.5803478

#1	.0447754	103.7248	8.622908	213.9551	.0533925	.0607060
#2	.0470832	104.3770	8.677099	215.5601	.0542919	.0612492
#3	.0471711	103.9900	8.667964	214.6845	.0541155	.0613725

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5111508	.1000309	F 49.37002	.6787783	1.039324	.0332820
Stddev	.3666956	.0033560	.08431	.0587960	.006484	.0015797
%RSD	71.73923	3.354959	.1707669	8.662033	.6239119	4.746482

#1	.1156228	.0981938	49.31084	.6206125	1.032431	.0341887
#2	.8398113	.0979944	49.46655	.7381849	1.040239	.0341994
#3	.5780181	.1039043	49.33266	.6775375	1.045303	.0314579

Sample Name: K5270-05DLX2 Acquired: 10/16/2019 13:44:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAPL3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006388	34.48905	1.846076	.0004040	.1201610	.0070726
Stddev	.0002829	.00886	.010226	.0004641	.0014597	.0006135
%RSD	44.28539	.0256771	.5539198	114.8764	1.214750	8.674943
#1	.0009397	34.49878	1.836065	.0008427	.1201785	.0077801
#2	.0005985	34.48689	1.856503	.0004511	.1186926	.0066864
#3	.0003782	34.48147	1.845661	-.000082	.1216118	.0067513

Elem	Sr4077
Units	ppm
Avg	.1088344
Stddev	.0002965
%RSD	.2723963
#1	.1084938
#2	.1090348
#3	.1089746

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1493.105	2750.506	37305.86	7703.790	2793.652
Stddev	5.407	1.927	211.92	2.384	2.221
%RSD	.3621498	.0700649	.5680681	.0309500	.0794984
#1	1486.862	2751.749	37163.02	7701.965	2796.063
#2	1496.132	2751.483	37549.35	7706.487	2793.203
#3	1496.321	2748.286	37205.21	7702.917	2791.690

Sample Name: K5270-04DLX5 Acquired: 10/16/2019 13:40:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAPL2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0252488	.0020222	23.72608	-.002162	.0002420	5.051672	.1597423
Stddev	.0069634	.0016865	.03912	.000409	.0030045	.042643	.0005808
%RSD	27.57922	83.39850	.1648796	18.93002	1241.695	.8441294	.3636023

#1	.0318303	.0030677	23.68318	-.001721	-.001924	5.003319	.1592056
#2	.0179578	.0000766	23.73530	-.002530	.003672	5.067790	.1596624
#3	.0259583	.0029223	23.75977	-.002235	-.001022	5.083906	.1603590

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020657	.5502934	123.1627	.0636201	.0355191	.0285202	60.00014
Stddev	.0000996	.0016156	.2287	.0006630	.0004933	.0010584	.37679
%RSD	4.821499	.2935954	.1856826	1.042123	1.388908	3.711173	.6279860

#1	.0019655	.5486822	122.8991	.0639769	.0359812	.0297165	59.56578
#2	.0020669	.5502846	123.3081	.0640283	.0355765	.0277052	60.23896
#3	.0021647	.5519135	123.2809	.0628551	.0349996	.0281389	60.19569

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.013200	64.22590	.0358669	.0322440	.1176171	.0610215	27.47955
Stddev	.009250	.45795	.0003488	.0002890	.1692367	.0007099	.07985
%RSD	.3069663	.7130302	.9725535	.8963253	143.8879	1.163428	.2905625

#1	3.003387	63.74208	.0354717	.0325769	.2641107	.0611307	27.44839
#2	3.021759	64.65262	.0359971	.0320570	.1563781	.0602632	27.57028
#3	3.014455	64.28301	.0361319	.0320981	-.067638	.0616704	27.41999

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3301959	.6107694	.0162869	.0007058	18.70012	1.289122	-.001613
Stddev	.0457824	.0043882	.0005324	.0003584	.04457	.004005	.000395
%RSD	13.86523	.7184758	3.269053	50.77883	.2383439	.3106719	24.51975

#1	.2966650	.6060739	.0157632	.0010956	18.67797	1.285363	-.001271
#2	.3823561	.6114675	.0162698	.0003906	18.67096	1.293334	-.002046
#3	.3115666	.6147667	.0168277	.0006312	18.75142	1.288670	-.001522

Sample Name: K5270-04DLX5 Acquired: 10/16/2019 13:40:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAPL2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0812526	.0038375	.0347025
Stddev	.0002007	.0009502	.0001090
%RSD	.2469845	24.76149	.3142414

#1	.0814686	.0042517	.0348285
#2	.0812171	.0045102	.0346404
#3	.0810720	.0027505	.0346388

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1541.875	2834.980	38184.70	7719.276	3028.592
Stddev	6.582	6.254	244.47	4.711	6.724
%RSD	.4269100	.2205889	.6402257	.0610261	.2220186

#1	1535.392	2831.654	37998.11	7724.701	3032.531
#2	1541.679	2842.193	38094.54	7716.222	3032.417
#3	1548.553	2831.091	38461.44	7716.905	3020.828

Sample Name: K5270-05DL2X5 Acquired: 10/16/2019 13:48:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAPL3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093886	-.001821	11.93661	-.006702	-.002208	3.177884	.0725555
Stddev	.0006291	.001478	.00430	.001169	.001130	.013463	.0001985
%RSD	6.701070	81.18692	.0360647	17.43802	51.16798	.4236562	.2735921

#1	.0101115	-.000746	11.93857	-.006661	-.002551	3.181077	.0723778
#2	.0089649	-.003506	11.93959	-.005555	-.003128	3.163111	.0725191
#3	.0090894	-.001210	11.93167	-.007891	-.000947	3.189463	.0727697

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015652	.4163204	176.0537	.0261926	.0239386	.0197657	44.80087
Stddev	.0000521	.0003130	.5625	.0004823	.0003246	.0018313	.17416
%RSD	3.326563	.0751850	.3195043	1.841371	1.356116	9.265024	.3887346

#1	.0016249	.4163134	176.4110	.0257107	.0236102	.0214613	44.93278
#2	.0015419	.4160110	175.4053	.0261917	.0239464	.0178237	44.60346
#3	.0015289	.4166369	176.3447	.0266753	.0242593	.0200121	44.86637

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.706245	90.42518	.0217990	.0253814	.2012120	.0425165	20.69889
Stddev	.011325	.38955	.0006123	.0001740	.1298352	.0004722	.05761
%RSD	.3055629	.4307942	2.808646	.6856788	64.52655	1.110575	.2783323

#1	3.709230	90.56662	.0224184	.0253180	.0747176	.0429123	20.67083
#2	3.693727	89.98467	.0211941	.0252480	.3341480	.0419939	20.66068
#3	3.715778	90.72424	.0217844	.0255783	.1947704	.0426434	20.76515

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1949387	.4182984	.0134873	.0001877	13.69012	.8399945	-.002951
Stddev	.0438732	.0016573	.0007565	.0007148	.02930	.0079671	.002346
%RSD	22.50614	.3962029	5.608981	380.9167	.2140126	.9484725	79.49191

#1	.1586513	.4199952	.0143013	-.000187	13.67048	.8466976	-.002672
#2	.2436974	.4182165	.0128058	.001012	13.67607	.8420998	-.005423
#3	.1824676	.4166836	.0133548	-.000262	13.72379	.8311862	-.000757

Sample Name: K5270-05DL2X5 Acquired: 10/16/2019 13:48:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAPL3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0506146	.0040915	.0453262
Stddev	.0013131	.0012426	.0002250
%RSD	2.594407	30.37003	.4963039

#1	.0495334	.0026568	.0452489
#2	.0502347	.0048279	.0451500
#3	.0520759	.0047897	.0455796

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1524.857	2797.822	37611.34	7605.678	2981.216
Stddev	2.220	7.214	203.27	36.531	6.992
%RSD	.1455886	.2578335	.5404425	.4803124	.2345458

#1	1526.498	2797.870	37843.50	7570.935	2975.740
#2	1522.331	2790.585	37465.34	7602.333	2978.816
#3	1525.741	2805.012	37525.19	7643.767	2989.092

Sample Name: K5271-02DLX2 Acquired: 10/16/2019 14:00:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAPM9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0357269	.0030966	F 63.43274	-.009717	.0031536	4.588180
Stddev	.0022460	.0046646	.28205	.001950	.0039929	.025592
%RSD	6.286418	150.6372	.4446410	20.06983	126.6131	.5577823

#1	.0383156	.0058686	63.15171	-.011229	-.001402	4.561054
#2	.0345683	.0057101	63.43072	-.010407	.006048	4.611896
#3	.0342970	-.002289	63.71580	-.007516	.004815	4.591591

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0677271	.0030270	1.591627	534.0052	.0310546	.0541885
Stddev	.0001328	.0000797	.004043	.7977	.0003984	.0002628
%RSD	.1961170	2.632554	.2540440	.1493863	1.282804	.4849486

#1	.0678136	.0029597	1.588799	533.1210	.0309244	.0539487
#2	.0677935	.0031150	1.589824	534.6709	.0307377	.0544694
#3	.0675742	.0030064	1.596259	534.2238	.0315018	.0541472

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0568501	98.48820	10.76432	276.9396	.0502213	.0968156
Stddev	.0021689	.36278	.03112	1.2724	.0006544	.0003590
%RSD	3.815134	.3683459	.2891381	.4594503	1.303038	.3708412

#1	.0580191	98.13142	10.72943	275.6385	.0496045	.0969126
#2	.0543475	98.85669	10.78924	278.1812	.0501518	.0964180
#3	.0581838	98.47648	10.77428	276.9991	.0509078	.0971161

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4574332	.0631796	F 79.13724	.5905253	.8774211	.0341294
Stddev	.1208575	.0020768	.21653	.0517983	.0049722	.0014409
%RSD	26.42081	3.287067	.2736103	8.771564	.5666876	4.221990

#1	.3874329	.0628687	79.22020	.6319705	.8820520	.0356896
#2	.3878794	.0653942	78.89150	.6071495	.8780450	.0328486
#3	.5969872	.0612757	79.30002	.5324559	.8721664	.0338501

Sample Name: K5271-02DLX2 Acquired: 10/16/2019 14:00:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAPM9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001926	51.77875	2.169083	-.005998	.0779874	.0065666
Stddev	.0004403	.13719	.005936	.001741	.0014244	.0022145
%RSD	228.5880	.2649629	.2736748	29.03282	1.826463	33.72342

#1	-.000234	51.71357	2.162535	-.005799	.0796016	.0042791
#2	.000646	51.68630	2.174112	-.007831	.0769069	.0067209
#3	.000166	51.93639	2.170604	-.004365	.0774538	.0087000

Elem	Sr4077
Units	ppm
Avg	.1321798
Stddev	.0003450
%RSD	.2609996

#1	.1322376
#2	.1318095
#3	.1324922

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1469.973	2699.671	36689.92	7570.723	2726.988
Stddev	5.492	3.871	82.63	18.750	4.648
%RSD	.3735902	.1434036	.2252155	.2476692	.1704625

#1	1468.441	2697.390	36651.73	7591.585	2729.019
#2	1476.068	2704.141	36784.73	7555.277	2730.276
#3	1465.410	2697.482	36633.28	7565.306	2721.670

Sample Name: K5270-12DLX2 Acquired: 10/16/2019 13:52:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAPL8 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0220442	.0016069	6.384795	-.000783	.0029574	5.800416	.1002986
Stddev	.0017570	.0037100	.023537	.005449	.0013577	.043526	.0007322
%RSD	7.970538	230.8852	.3686358	696.2944	45.90849	.7504001	.7300606

#1	.0211484	-.002672	6.367592	.005504	.0042641	5.850674	.1011414
#2	.0240686	.003574	6.375175	-.003704	.0030542	5.775710	.0998181
#3	.0209156	.003919	6.411618	-.004147	.0015539	5.774865	.0999364

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029436	.3595396	471.0987	.0339411	.0597864	.0272052	81.32496
Stddev	.0001117	.0010788	1.0985	.0004027	.0003052	.0013652	.31603
%RSD	3.793572	.3000433	.2331824	1.186353	.5105406	5.018036	.3886007

#1	.0029225	.3595535	472.3612	.0335362	.0601052	.0269434	81.62874
#2	.0030643	.3584540	470.5731	.0339456	.0594968	.0286823	81.34818
#3	.0028440	.3606114	470.3616	.0343414	.0597572	.0259899	80.99796

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.694904	248.1109	.0673966	.0189139	.8120666	.0720312	17.54443
Stddev	.017194	.8878	.0004418	.0000845	.2713957	.0029649	.06101
%RSD	.2234440	.3578289	.6554885	.4465507	33.42038	4.116104	.3477275

#1	7.714656	248.9642	.0672147	.0189817	.9832607	.0719447	17.59865
#2	7.683289	248.1762	.0670748	.0188193	.9537911	.0750384	17.55627
#3	7.686767	247.1922	.0679003	.0189408	.4991480	.0691105	17.47837

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6412127	.9250010	.0328832	.0002667	12.53710	1.556488	.0024118
Stddev	.0383021	.0013351	.0017838	.0005895	.03039	.002372	.0003616
%RSD	5.973390	.1443326	5.424611	221.0538	.2424113	.1523848	14.99433

#1	.5973516	.9257202	.0348083	.0000416	12.53847	1.557040	.0021136
#2	.6680635	.9234605	.0325547	-.000177	12.50604	1.558535	.0028141
#3	.6582229	.9258223	.0312864	.000936	12.56678	1.553889	.0023077

Sample Name: K5270-12DLX2 Acquired: 10/16/2019 13:52:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAPL8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1060966	.0074139	.1253318
Stddev	.0009821	.0022365	.0000707
%RSD	.9256693	30.16585	.0564164

#1	.1064491	.0063594	.1253522
#2	.1049869	.0058996	.1252532
#3	.1068538	.0099826	.1253901

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1473.419	2708.941	36937.06	7550.378	2764.087
Stddev	4.546	3.602	124.92	39.558	6.725
%RSD	.3085339	.1329655	.3381851	.5239186	.2433005

#1	1468.593	2706.258	36803.75	7504.803	2767.391
#2	1474.042	2713.035	36956.00	7570.517	2768.520
#3	1477.621	2707.530	37051.42	7575.814	2756.349

Sample Name: K5271-01DLX5 Acquired: 10/16/2019 13:56:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAPM8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110210	.0025899	4.068769	-.001654	.0007255	1.746867	.0341925
Stddev	.0032556	.0039191	.002177	.003105	.0020687	.025435	.0001207
%RSD	29.54037	151.3208	.0535009	187.7443	285.1490	1.456020	.3530773

#1	.0073831	.0050999	4.071200	.001587	.0023599	1.725999	.0342018
#2	.0136606	.0045959	4.067001	-.001946	.0014169	1.775198	.0340674
#3	.0120193	-.001926	4.068105	-.004603	-.001600	1.739403	.0343083

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011264	.4077774	178.8302	.0158153	.0165875	.0119912	33.71423
Stddev	.0000938	.0007423	.1178	.0003995	.0002097	.0021257	.09329
%RSD	8.328980	.1820412	.0658756	2.525812	1.264419	17.72697	.2767110

#1	.0010763	.4074027	178.9652	.0157212	.0166201	.0140575	33.79142
#2	.0012346	.4072971	178.7483	.0154713	.0167790	.0121053	33.74073
#3	.0010682	.4086324	178.7771	.0162534	.0163633	.0098108	33.61056

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.731022	92.14995	.0164516	.0243901	.4139188	.0251167	18.91775
Stddev	.003693	.15912	.0001664	.0001465	.4231695	.0021102	.14642
%RSD	.0989708	.1726761	1.011646	.6007094	102.2349	8.401684	.7739812

#1	3.734062	92.14202	.0163959	.0244681	.1138928	.0274742	18.98293
#2	3.732092	92.31289	.0166387	.0242211	.8979388	.0234045	18.75006
#3	3.726913	91.99494	.0163201	.0244810	.2299247	.0244714	19.02026

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0830479	.3740702	.0146075	-.000110	11.13913	.4839529	-.003826
Stddev	.0126470	.0007224	.0007443	.000349	.01694	.0017761	.001238
%RSD	15.22857	.1931130	5.095018	317.1571	.1520645	.3669944	32.36822

#1	.0969128	.3732797	.0140468	-.000077	11.15851	.4853013	-.002762
#2	.0721441	.3746960	.0143239	.000221	11.13177	.4846169	-.003530
#3	.0800870	.3742350	.0154519	-.000474	11.12713	.4819405	-.005185

Sample Name: K5271-01DLX5 Acquired: 10/16/2019 13:56:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAPM8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0390429	.0019431	.0472139
Stddev	.0004481	.0007478	.0000623
%RSD	1.147803	38.48413	.1320121

#1	.0394933	.0012512	.0472795
#2	.0385970	.0027365	.0471554
#3	.0390385	.0018417	.0472068

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1518.594	2789.211	37454.70	7567.693	2982.376
Stddev	4.889	1.192	189.25	42.281	4.406
%RSD	.3219730	.0427508	.5052787	.5587021	.1477400

#1	1515.219	2789.130	37278.39	7555.558	2980.589
#2	1524.201	2790.441	37654.66	7532.807	2987.395
#3	1516.362	2788.060	37431.04	7614.715	2979.145

Sample Name: K5271-02DL2X5 Acquired: 10/16/2019 14:04:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAPM9 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0157306	.0001626	26.53729	-.003310	-.000978	1.950165
Stddev	.0036166	.0030049	.05391	.001971	.002853	.006148
%RSD	22.99096	1848.198	.2031664	59.55277	291.7247	.3152696

#1	.0130313	-.003148	26.53251	-.005173	-.003263	1.950511
#2	.0143207	.002718	26.48592	-.001246	-.001890	1.943851
#3	.0198398	.000918	26.59344	-.003509	.002219	1.956133

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0293484	.0014029	.6767474	229.4663	.0141325	.0216602
Stddev	.0003329	.0000817	.0014196	.3131	.0001361	.0001743
%RSD	1.134198	5.819775	.2097744	.1364636	.9631958	.8048593

#1	.0296551	.0014080	.6763788	229.4107	.0140313	.0218214
#2	.0289945	.0014819	.6755483	229.8035	.0140788	.0214752
#3	.0293957	.0013188	.6783149	229.1847	.0142872	.0216839

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0247625	43.00560	4.694085	117.6138	.0210908	.0412201
Stddev	.0016625	.11021	.013387	.6631	.0002633	.0001141
%RSD	6.713827	.2562777	.2851865	.5638062	1.248416	.2767504

#1	.0253214	43.00038	4.692715	117.2677	.0207882	.0412094
#2	.0228926	43.11833	4.708105	118.3784	.0212676	.0413392
#3	.0260736	42.89809	4.681436	117.1954	.0212167	.0411118

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2645098	.0284541	F 34.64061	.1691285	.3652715	.0153334
Stddev	.1056986	.0029030	.07265	.0303122	.0042586	.0006304
%RSD	39.96018	10.20253	.2097362	17.92258	1.165869	4.111233

#1	.3111515	.0264014	34.70677	.1858147	.3610048	.0153112
#2	.1435130	.0317755	34.56286	.1341394	.3695220	.0147144
#3	.3388650	.0271853	34.65220	.1874313	.3652878	.0159746

Sample Name: K5271-02DL2X5 Acquired: 10/16/2019 14:04:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAPM9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000413	21.13137	1.023881	-.003709	.0351970	.0029192
Stddev	.000156	.05656	.009532	.000762	.0003901	.0008866
%RSD	37.65593	.2676608	.9309703	20.53977	1.108320	30.37190

#1	-.000376	21.15623	1.024528	-.004588	.0351897	.0024271
#2	-.000280	21.06663	1.033073	-.003235	.0348106	.0039428
#3	-.000584	21.17123	1.014042	-.003305	.0355907	.0023878

Elem	Sr4077
Units	ppm
Avg	.0567978
Stddev	.0000839
%RSD	.1477279

#1	.0567485
#2	.0568946
#3	.0567501

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1509.018	2767.904	37219.16	7635.273	2923.878
Stddev	5.722	4.710	224.81	32.931	5.822
%RSD	.3791652	.1701663	.6040156	.4313050	.1991087

#1	1504.526	2762.822	37472.99	7632.194	2919.991
#2	1515.460	2772.122	37139.30	7603.989	2930.571
#3	1507.067	2768.769	37045.18	7669.635	2921.072

Sample Name: K5271-06DLX2 Acquired: 10/16/2019 14:08:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAPN1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0277336	.0019553	4.647071	-.007345	.0039592	5.269184	.0739817
Stddev	.0043803	.0027309	.005161	.005223	.0023270	.030832	.0002314
%RSD	15.79434	139.6656	.1110655	71.10600	58.77449	.5851469	.3127123

#1	.0317893	.0050173	4.646891	-.002379	.0060951	5.234415	.0737373
#2	.0230884	.0010771	4.652321	-.012791	.0014793	5.293199	.0741973
#3	.0283232	-.000228	4.642003	-.006865	.0043033	5.279939	.0740106

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032952	.2019887	555.4263	.0493564	.0432929	.0184129	93.07808
Stddev	.0000441	.0002827	.7334	.0005236	.0005860	.0015381	.20762
%RSD	1.337318	.1399515	.1320509	1.060747	1.353465	8.353461	.2230603

#1	.0033417	.2019764	554.9788	.0499609	.0433389	.0198893	92.84471
#2	.0032896	.2022773	555.0275	.0490458	.0426853	.0185295	93.14722
#3	.0032541	.2017123	556.2728	.0490625	.0438545	.0168197	93.24230

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.99750	285.5540	.0379884	.0094027	.8487807	.0750685	10.86596
Stddev	.01216	.4244	.0016897	.0004444	.3800658	.0002800	.06593
%RSD	.1105681	.1486282	4.447909	4.726439	44.77786	.3730169	.6067960

#1	10.98707	285.0652	.0397808	.0096682	.6851929	.0748331	10.93733
#2	10.99457	285.7679	.0377598	.0096502	.5779001	.0749942	10.85322
#3	11.01085	285.8289	.0364247	.0088896	1.283249	.0753781	10.80733

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6018722	.8235836	.0431087	.0005320	8.463044	1.741453	-.002112
Stddev	.0171627	.0043807	.0011023	.0002095	.023753	.007575	.000590
%RSD	2.851544	.5319017	2.556977	39.37480	.2806708	.4349929	27.91562

#1	.6037232	.8284762	.0434155	.0007732	8.487264	1.743975	-.002130
#2	.6180343	.8222495	.0440251	.0003953	8.462080	1.732939	-.002692
#3	.5838591	.8200251	.0418855	.0004276	8.439787	1.747446	-.001513

Sample Name: K5271-06DLX2 Acquired: 10/16/2019 14:08:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAPN1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1218793	.0089094	.1456278
Stddev	.0005306	.0010185	.0005273
%RSD	.4353430	11.43205	.3620592

#1	.1213706	.0080186	.1454241
#2	.1224294	.0100198	.1452327
#3	.1218380	.0086899	.1462265

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1465.104	2691.482	36647.05	7602.569	2711.394
Stddev	6.308	3.799	74.97	32.011	2.801
%RSD	.4305656	.1411419	.2045625	.4210612	.1032866

#1	1458.488	2691.416	36733.43	7609.786	2708.190
#2	1471.051	2695.314	36599.03	7630.356	2713.377
#3	1465.773	2687.717	36608.68	7567.565	2712.615

Sample Name: K5271-08DLX2 Acquired: 10/16/2019 14:12:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAPN3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0439494	.0035008	21.47470	-.012186	.0041805	6.438071	.1063398
Stddev	.0029152	.0013560	.06456	.001319	.0023951	.049021	.0001618
%RSD	6.633096	38.73380	.3006251	10.82291	57.29278	.7614227	.1521955

#1	.0428163	.0032117	21.43917	-.010669	.0069320	6.407873	.1062812
#2	.0472610	.0023127	21.43571	-.012829	.0030469	6.411709	.1065228
#3	.0417708	.0049781	21.54922	-.013061	.0025626	6.494633	.1062155

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046493	.2054067	681.3312	.0488557	.0485966	.0279808	157.9353
Stddev	.0000434	.0007600	.4371	.0005008	.0003068	.0014886	.4491
%RSD	.9336554	.3700218	.0641557	1.024962	.6312657	5.320020	.2843506

#1	.0046948	.2051065	681.7723	.0483134	.0483080	.0285370	157.6947
#2	.0046083	.2048425	680.8982	.0489528	.0489188	.0291111	157.6578
#3	.0046450	.2062710	681.3231	.0493007	.0485630	.0262942	158.4534

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.26354	360.3961	.0651830	.0086049	.7946185	.1015274	10.55072
Stddev	.02264	1.1633	.0004757	.0007716	.4630930	.0050296	.09730
%RSD	.1587080	.3227732	.7298360	8.967058	58.27865	4.953900	.9221859

#1	14.23791	359.6587	.0654495	.0090111	.3404049	.1068161	10.46055
#2	14.27190	359.7925	.0654657	.0077150	.7773433	.0968048	10.53775
#3	14.28081	361.7371	.0646337	.0090884	1.266107	.1009614	10.65385

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9490256	.9347876	.0549762	.0014186	10.78802	2.535699	-.004030
Stddev	.0223147	.0033679	.0024510	.0003392	.03103	.014952	.000810
%RSD	2.351332	.3602851	4.458253	23.91433	.2876478	.5896624	20.09149

#1	.9274895	.9312698	.0521713	.0012857	10.75740	2.548013	-.003358
#2	.9475423	.9351107	.0560522	.0018042	10.81944	2.540023	-.003803
#3	.9720450	.9379823	.0567052	.0011659	10.78721	2.519062	-.004929

Sample Name: K5271-08DLX2 Acquired: 10/16/2019 14:12:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAPN3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1204354	.0093621	.1718475
Stddev	.0019368	.0010847	.0003392
%RSD	1.608196	11.58628	.1973992

#1	.1210373	.0096349	.1717845
#2	.1219997	.0102845	.1722139
#3	.1182690	.0081671	.1715443

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1464.233	2695.105	36751.26	7624.001	2661.028
Stddev	2.850	3.422	350.43	31.829	4.873
%RSD	.1946386	.1269830	.9535279	.4174779	.1831252

#1	1466.905	2691.405	36738.78	7595.435	2658.042
#2	1464.560	2695.751	37107.76	7618.259	2666.651
#3	1461.233	2698.158	36407.23	7658.310	2658.391

Sample Name: CCV014 Acquired: 10/16/2019 14:16:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV014 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.880617	4.825611	24.58069	4.686262	5.025860	392.8663	10.16058
Stddev	.014890	.014492	.06707	.014197	.015968	2.5330	.01964
%RSD	.3050828	.3003227	.2728396	.3029519	.3177073	.6447608	.1932601

#1	4.863427	4.842219	24.50842	4.670067	5.017673	392.1228	10.18226
#2	4.888925	4.819083	24.59273	4.696560	5.015646	390.7883	10.14399
#3	4.889500	4.815530	24.64092	4.692160	5.044260	395.6880	10.15549

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4906741	2.496014	402.2838	15.73746	2.484976	14.63920	408.2603
Stddev	.0035956	.005348	.5858	.01732	.005822	.03726	1.0780
%RSD	.7327902	.2142593	.1456220	.1100788	.2342792	.2545026	.2640379

#1	.4937428	2.491662	402.6735	15.71834	2.478589	14.66893	409.0471
#2	.4867178	2.494397	401.6101	15.74193	2.486351	14.59741	407.0316
#3	.4915618	2.501984	402.5678	15.75211	2.489986	14.65126	408.7022

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.60645	401.3324	2.557896	1.277587	401.3593	2.439144	14.78021
Stddev	.03490	1.2557	.006569	.010574	.1741	.006866	.14112
%RSD	.2389503	.3128849	.2568003	.8276402	.0433834	.2814912	.9547822

#1	14.61588	402.2355	2.550800	1.275763	401.3677	2.439780	14.65151
#2	14.56780	399.8985	2.559124	1.288955	401.1812	2.431982	14.93112
#3	14.63566	401.8634	2.563764	1.268045	401.5291	2.445670	14.75801

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	148.5064	5.022115	4.857966	4.959110	5.078274	4.846779	5.030012
Stddev	.0343	.010956	.032579	.010106	.018100	.039809	.013373
%RSD	.0231274	.2181651	.6706374	.2037948	.3564296	.8213523	.2658626

#1	148.4690	5.009789	4.886983	4.952913	5.058002	4.881337	5.017590
#2	148.5135	5.025811	4.822723	4.953644	5.084005	4.803250	5.028279
#3	148.5366	5.030746	4.864192	4.970772	5.092815	4.855750	5.044167

Sample Name: CCV014 Acquired: 10/16/2019 14:16:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV014 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.001392	5.036953	4.918262
Stddev	.014557	.006478	.039836
%RSD	.2910635	.1286130	.8099673

#1	4.998719	5.041796	4.880887
#2	4.988357	5.029594	4.960172
#3	5.017101	5.039468	4.913728

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1322.941	2459.912	34350.81	7211.744	2536.188
Stddev	12.115	1.986	282.94	10.910	5.919
%RSD	.9157420	.0807414	.8236900	.1512766	.2333736

#1	1329.742	2462.201	34541.22	7205.363	2542.419
#2	1308.954	2458.897	34025.68	7224.341	2535.502
#3	1330.127	2458.640	34485.53	7205.528	2530.641

Sample Name: CCB014 Acquired: 10/16/2019 14:20:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB014 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001901	-.001636	.0011037	-.002110	.0048097	.0085157	.0003117
Stddev	.004274	.000459	.0013058	.002771	.0013800	.0076621	.0003072
%RSD	224.8457	28.08930	118.3097	131.3306	28.69122	89.97523	98.56297

#1	.001599	-.001708	.0022536	-.001188	.0033654	-.000113	.0001087
#2	-.006665	-.001145	.0013734	.000082	.0049489	.014524	.0001612
#3	-.000637	-.002055	-.000316	-.005224	.0061147	.011136	.0006651

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000405	.0000232	.0094569	.0004887	-.000447	-.000712	.0077777
Stddev	.0000538	.0001858	.0056925	.0003831	.000133	.001485	.0039249
%RSD	132.7296	802.2702	60.19377	78.38891	29.77799	208.6806	50.46318

#1	-.000001	.0000811	.0132402	.0009091	-.000509	-.000890	.0112415
#2	.000021	.0001731	.0122204	.0001592	-.000537	-.002099	.0035148
#3	.000101	-.000185	.0029102	.0003978	-.000294	.000854	.0085768

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008685	-.005240	.0000909	-.000522	.2317675	.0012082	.0000591
Stddev	.0001410	.027579	.0001643	.000474	.0303643	.0022720	.0013701
%RSD	16.23380	526.2792	180.7476	90.91112	13.10121	188.0506	2319.715

#1	.0010180	.023425	.0000215	-.000754	.2033246	-.000918	.0016299
#2	.0008494	-.007559	.0002785	-.000836	.2637441	.003602	-.000563
#3	.0007380	-.031587	-.000027	.000024	.2282339	.000940	-.000889

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.070560	.0028375	.0087229	.0004882	-.002167	-.001166	-.000179
Stddev	.043475	.0017640	.0009665	.0001043	.003789	.000490	.001277
%RSD	61.61412	62.16770	11.07972	21.36045	174.8490	42.01621	713.1655

#1	-.116395	.0008762	.0094955	.0004560	-.001264	-.000777	.000923
#2	-.029911	.0042943	.0090340	.0004038	.001089	-.001004	-.001578
#3	-.065374	.0033421	.0076392	.0006048	-.006326	-.001716	.000118

Sample Name: CCB014 Acquired: 10/16/2019 14:20:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB014 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006603	.0025463	.0000193
Stddev	.0007545	.0011132	.0000682
%RSD	114.2759	43.71615	353.0496

#1	.0002834	.0016209	.0000904
#2	.0001685	.0022365	-.000046
#3	.0015290	.0037815	.000013

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1566.080	2867.410	38219.29	7525.727	3228.651
Stddev	12.064	8.722	365.20	27.725	1.758
%RSD	.7703627	.3041628	.9555508	.3684065	.0544347

#1	1578.954	2858.551	38430.80	7556.427	3226.956
#2	1555.033	2875.987	37797.59	7502.514	3228.531
#3	1564.255	2867.692	38429.48	7518.241	3230.465

Sample Name: K5271-10DLX2 Acquired: 10/16/2019 14:24:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAPN5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0176900	.0017816	8.306146	-.003774	.0026672	3.883345	.0919260
Stddev	.0028579	.0024621	.013970	.001527	.0018836	.033846	.0002159
%RSD	16.15568	138.1959	.1681938	40.44998	70.62216	.8715689	.2348954

#1	.0144345	.0014990	8.296541	-.003549	.0016588	3.897776	.0921205
#2	.0197858	.0043728	8.299725	-.002373	.0048403	3.844676	.0916937
#3	.0188496	-.000527	8.322173	-.005401	.0015024	3.907584	.0919638

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030567	.2185166	562.8610	.0275580	.0329274	.0546511	93.07080
Stddev	.0001926	.0002076	1.5734	.0002189	.0001131	.0020668	.87978
%RSD	6.300526	.0949918	.2795406	.7944571	.3433403	3.781815	.9452777

#1	.0030760	.2183007	562.6949	.0277516	.0328011	.0546334	93.42199
#2	.0028551	.2185344	561.3772	.0273204	.0329623	.0525931	92.06967
#3	.0032389	.2187147	564.5109	.0276020	.0330190	.0567266	93.72074

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.54851	290.4839	.0305329	.0113183	.5833420	.0641315	11.07986
Stddev	.05659	2.3587	.0007514	.0002315	.2133530	.0029803	.02625
%RSD	.4900387	.8119829	2.460835	2.045196	36.57425	4.647148	.2369389

#1	11.56054	290.9633	.0308085	.0110528	.7682414	.0628077	11.06369
#2	11.48686	287.9224	.0311075	.0114779	.6318841	.0620424	11.06575
#3	11.59811	292.5661	.0296827	.0114242	.3499006	.0675443	11.11015

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5649162	.6968407	.0456514	-.000063	9.201142	1.165835	-.006213
Stddev	.0231946	.0028096	.0012606	.000429	.024644	.011445	.002903
%RSD	4.105845	.4031979	2.761382	677.3475	.2678362	.9817407	46.71975

#1	.5819569	.6948497	.0470983	-.000556	9.183782	1.170399	-.006679
#2	.5385018	.6956178	.0447898	.000139	9.190295	1.152811	-.008854
#3	.5742900	.7000545	.0450662	.000227	9.229349	1.174294	-.003105

Sample Name: K5271-10DLX2 Acquired: 10/16/2019 14:24:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAPN5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0785336	.0060361	.1375415
Stddev	.0013762	.0005900	.0006495
%RSD	1.752417	9.775065	.4722290

#1	.0778283	.0060059	.1377215
#2	.0801195	.0054617	.1380820
#3	.0776529	.0066406	.1368210

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1470.700	2708.422	36701.07	7565.208	2733.238
Stddev	5.170	7.258	37.95	60.986	6.194
%RSD	.3515287	.2679633	.1033992	.8061413	.2266028

#1	1465.153	2700.152	36661.16	7519.300	2726.806
#2	1471.561	2713.731	36736.69	7634.407	2733.744
#3	1475.385	2711.383	36705.36	7541.916	2739.162

Sample Name: K5271-12DLX2 Acquired: 10/16/2019 14:32:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAPN7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0216562	.0024763	8.149366	-.003224	.0012827	3.694705	.0597370
Stddev	.0021627	.0023055	.013136	.002979	.0007004	.021220	.0000469
%RSD	9.986505	93.10521	.1611845	92.40786	54.60848	.5743375	.0784881

#1	.0202680	.0048465	8.154211	-.005743	.0020915	3.675210	.0597909
#2	.0241480	.0023407	8.134496	.000065	.0008775	3.691597	.0597145
#3	.0205524	.0002415	8.159391	-.003995	.0008791	3.717307	.0597056

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031018	.1697889	534.1851	.0317692	.0344446	.0183263	91.31124
Stddev	.0000634	.0002437	1.2367	.0002030	.0003885	.0015371	.36727
%RSD	2.044279	.1435611	.2315189	.6389899	1.127880	8.387517	.4022163

#1	.0030520	.1700388	532.8187	.0318549	.0340655	.0188699	90.94073
#2	.0030802	.1697759	534.5091	.0319153	.0348419	.0195177	91.31781
#3	.0031732	.1695518	535.2277	.0315374	.0344263	.0165912	91.67518

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.89660	275.3558	.0332554	.0079551	.5710146	.0615833	8.929304
Stddev	.04138	1.1711	.0002955	.0001890	.1323661	.0022199	.051236
%RSD	.3797675	.4253101	.8886086	2.375550	23.18085	3.604678	.5737987

#1	10.85451	274.1304	.0331344	.0080876	.4182088	.0597337	8.955343
#2	10.89804	275.4732	.0330396	.0080391	.6503456	.0609713	8.870277
#3	10.93724	276.4638	.0335922	.0077387	.6444893	.0640450	8.962291

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5091551	.9559856	.0345910	-.000026	8.052775	1.189255	-.005427
Stddev	.0737310	.0062177	.0022076	.000219	.003821	.008825	.000928
%RSD	14.48105	.6503969	6.381964	833.0185	.0474551	.7420480	17.10566

#1	.4300485	.9629756	.0361643	.000051	8.053112	1.179775	-.004355
#2	.5759641	.9539102	.0320674	-.000274	8.056416	1.197231	-.005970
#3	.5214526	.9510710	.0355412	.000144	8.048796	1.190761	-.005956

Sample Name: K5271-12DLX2 Acquired: 10/16/2019 14:32:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAPN7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0717647	.0065105	.1310245
Stddev	.0008318	.0011398	.0003051
%RSD	1.159045	17.50772	.2328464

#1	.0708050	.0074022	.1306780
#2	.0722124	.0052262	.1312527
#3	.0722768	.0069030	.1311428

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1479.878	2716.348	36969.04	7664.556	2741.095
Stddev	5.160	5.116	158.45	46.419	4.986
%RSD	.3486608	.1883519	.4285925	.6056282	.1819066

#1	1479.182	2712.893	36797.21	7716.988	2735.503
#2	1485.350	2713.925	37000.52	7647.975	2745.078
#3	1475.101	2722.225	37109.38	7628.705	2742.704

Sample Name: K5271-11DLX2 Acquired: 10/16/2019 14:28:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAPN6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0252586	.0035210	7.076597	-.008668	.0030611	3.491605	.1272253
Stddev	.0047773	.0017264	.023415	.002509	.0018001	.019149	.0004302
%RSD	18.91347	49.03089	.3308808	28.94307	58.80412	.5484159	.3381749

#1	.0306836	.0015277	7.074113	-.010024	.0011289	3.510803	.1275274
#2	.0216802	.0045416	7.054522	-.010208	.0046907	3.491504	.1267327
#3	.0234120	.0044935	7.101154	-.005773	.0033637	3.472507	.1274159

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032388	.0675407	578.8378	.0477296	.0368038	.0137537	99.11787
Stddev	.0001795	.0000499	1.7872	.0007580	.0000380	.0018088	.44906
%RSD	5.541776	.0739237	.3087550	1.588125	.1032356	13.15111	.4530531

#1	.0034327	.0675574	580.8406	.0473880	.0367684	.0124627	99.62968
#2	.0032052	.0674846	578.2671	.0472025	.0367991	.0129773	98.78993
#3	.0030785	.0675801	577.4056	.0485983	.0368439	.0158210	98.93399

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.39319	302.8317	.0344495	.0024034	.6546514	.0752681	3.901382
Stddev	.04760	1.6511	.0002109	.0002148	.2713521	.0014425	.021183
%RSD	.4177731	.5452138	.6122319	8.935814	41.44985	1.916518	.5429612

#1	11.44813	304.7277	.0346312	.0022175	.4487307	.0757629	3.904471
#2	11.36426	301.7109	.0342182	.0023542	.9621343	.0763980	3.878824
#3	11.36719	302.0564	.0344991	.0026385	.5530894	.0736432	3.920851

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4524371	.9383564	.0377292	.0006392	6.159095	1.651092	-.003689
Stddev	.0252774	.0064135	.0025489	.0004786	.006000	.018185	.002046
%RSD	5.586938	.6834769	6.755729	74.87864	.0974134	1.101372	55.44692

#1	.4802451	.9449734	.0370251	.0002575	6.152185	1.658693	-.006050
#2	.4308530	.9321680	.0356063	.0011762	6.162981	1.664243	-.002457
#3	.4462133	.9379279	.0405561	.0004839	6.162119	1.630340	-.002561

Sample Name: K5271-11DLX2 Acquired: 10/16/2019 14:28:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAPN6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0762605	.0075260	.1470595
Stddev	.0019551	.0010945	.0004740
%RSD	2.563679	14.54255	.3222936

#1	.0743249	.0070062	.1472685
#2	.0762221	.0067883	.1465170
#3	.0782345	.0087835	.1473931

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1480.634	2718.837	37028.00	7646.594	2724.638
Stddev	11.575	1.148	131.16	21.982	3.516
%RSD	.7817384	.0422302	.3542110	.2874735	.1290612

#1	1489.059	2719.440	37132.50	7649.718	2721.657
#2	1485.407	2719.558	37070.67	7623.217	2728.516
#3	1467.436	2717.513	36880.82	7666.847	2723.739

Sample Name: K5271-15DLX2 Acquired: 10/16/2019 14:44:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAPP0 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0242411	.0046618	13.60955	-.002541	.0015226	3.615452	.0552107
Stddev	.0048457	.0030358	.01853	.005234	.0005593	.030802	.0003610
%RSD	19.98956	65.11996	.1361723	205.9866	36.73001	.8519584	.6537687

#1	.0201340	.0079094	13.62130	-.005748	.0009911	3.650966	.0555876
#2	.0295855	.0041810	13.58818	-.005374	.0021060	3.596012	.0548682
#3	.0230040	.0018952	13.61917	.003499	.0014709	3.599378	.0551764

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031974	.1423617	609.8732	.0266042	.0446255	.0193738	98.28076
Stddev	.0000821	.0002540	6.3389	.0003042	.0002671	.0005361	.19797
%RSD	2.567052	.1783864	1.039382	1.143574	.5985902	2.767170	.2014292

#1	.0031371	.1421455	602.6173	.0265324	.0449249	.0196017	98.50169
#2	.0032909	.1422983	614.3354	.0269379	.0444116	.0187614	98.22113
#3	.0031643	.1426414	612.6668	.0263423	.0445399	.0197583	98.11946

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.53120	319.3162	.0439334	.0060589	.4995973	.0593976	6.820697
Stddev	.03090	.8248	.0006017	.0003364	.0616314	.0005109	.020286
%RSD	.2466180	.2583082	1.369642	5.552700	12.33622	.8600961	.2974252

#1	12.55746	320.1115	.0442308	.0061150	.4308412	.0594440	6.844110
#2	12.53900	319.3724	.0432408	.0056979	.5498777	.0598836	6.808349
#3	12.49715	318.4647	.0443285	.0063638	.5180729	.0588651	6.809633

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5698010	.6275081	.0401740	-.000234	9.321665	1.898238	-.005151
Stddev	.0314232	.0018394	.0025269	.000592	.013193	.006476	.001044
%RSD	5.514770	.2931308	6.289792	253.1530	.1415346	.3411355	20.27563

#1	.5699665	.6296035	.0428325	.000427	9.334309	1.904486	-.006354
#2	.6011412	.6261596	.0378034	-.000412	9.322701	1.898672	-.004618
#3	.5382954	.6267613	.0398861	-.000716	9.307984	1.891556	-.004481

Sample Name: K5271-15DLX2 Acquired: 10/16/2019 14:44:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAPP0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0762788	.0073011	.1522876
Stddev	.0005467	.0007207	.0003459
%RSD	.7167120	9.871027	.2271352

#1	.0760054	.0077678	.1526097
#2	.0769083	.0064710	.1523312
#3	.0759228	.0076644	.1519220

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1460.112	2677.437	36519.79	7580.036	2688.370
Stddev	5.045	2.723	178.64	15.382	.692
%RSD	.3455502	.1016927	.4891620	.2029334	.0257433

#1	1454.305	2676.168	36676.43	7565.945	2687.587
#2	1462.610	2680.562	36325.24	7577.717	2688.625
#3	1463.421	2675.580	36557.72	7596.446	2688.899

Sample Name: K5271-16DLX2 Acquired: 10/16/2019 14:48:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAPP1 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0216359	.0047239	7.561929	-.008683	.0038978	4.716281	.1170604
Stddev	.0013181	.0010108	.020678	.003493	.0014988	.023913	.0005528
%RSD	6.091941	21.39762	.2734546	40.22474	38.45346	.5070211	.4722139

#1	.0201477	.0058226	7.572238	-.004663	.0032202	4.688709	.1166180
#2	.0226560	.0045157	7.538123	-.010969	.0056157	4.728783	.1168831
#3	.0221040	.0038334	7.575426	-.010418	.0028573	4.731351	.1176800

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035446	.1197233	593.0816	.0392972	.0453431	.0234717	102.8005
Stddev	.0001294	.0002150	1.9503	.0007927	.0004917	.0011674	.3461
%RSD	3.651872	.1795525	.3288340	2.017180	1.084306	4.973525	.3366289

#1	.0034629	.1198576	590.9641	.0388177	.0449975	.0221763	102.4082
#2	.0036938	.1194754	593.4764	.0402122	.0451259	.0237965	103.0625
#3	.0034771	.1198369	594.8042	.0388617	.0459060	.0244423	102.9308

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.27202	306.0681	.0425563	.0057176	.7230894	.0729392	6.093897
Stddev	.04224	.7474	.0007701	.0002419	.3644110	.0010040	.048784
%RSD	.3441599	.2442092	1.809709	4.230179	50.39639	1.376437	.8005381

#1	12.22327	305.2054	.0427517	.0054498	.9455859	.0733564	6.109633
#2	12.29763	306.5220	.0432099	.0057829	.9211418	.0736673	6.039187
#3	12.29515	306.4769	.0417073	.0059202	.3025407	.0717939	6.132870

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7838868	.9677715	.0445247	.0007987	6.980007	1.638831	-.005699
Stddev	.0488503	.0058008	.0017933	.0006573	.045706	.007052	.000388
%RSD	6.231804	.5994021	4.027626	82.30112	.6548129	.4303298	6.805238

#1	.7327935	.9714274	.0430654	.0015574	7.028463	1.630805	-.005283
#2	.7887342	.9708041	.0465267	.0004401	6.937667	1.641651	-.006051
#3	.8301327	.9610829	.0439821	.0003986	6.973890	1.644037	-.005762

Sample Name: K5271-16DLX2 Acquired: 10/16/2019 14:48:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAPP1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1072294	.0065302	.1483379
Stddev	.0000851	.0003160	.0001510
%RSD	.0793952	4.838491	.1017953

#1	.1072938	.0067434	.1484537
#2	.1072617	.0061672	.1481671
#3	.1071329	.0066801	.1483929

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1467.854	2690.980	36656.35	7563.444	2701.518
Stddev	9.090	1.122	160.08	8.275	2.056
%RSD	.6192401	.0416950	.4367008	.1094025	.0761210

#1	1460.123	2689.945	36472.53	7555.544	2701.148
#2	1477.867	2692.173	36731.37	7562.739	2703.734
#3	1465.572	2690.822	36765.13	7572.048	2699.671

Sample Name: K5271-18DLX2 Acquired: 10/16/2019 14:56:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAPP3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0315299	.0024682	11.63691	-.009959	.0027941	4.922355	.1332464
Stddev	.0075674	.0014026	.00630	.006175	.0021514	.026186	.0002666
%RSD	24.00079	56.82742	.0541247	62.00475	76.99854	.5319788	.2000621

#1	.0309220	.0019992	11.64397	-.017088	.0052590	4.952278	.1333695
#2	.0242848	.0013602	11.63185	-.006269	.0018296	4.911152	.1334292
#3	.0393830	.0040453	11.63492	-.006520	.0012938	4.903634	.1329405

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044565	.1878827	731.5208	.0610572	.0671701	.0241522	126.7168
Stddev	.0000791	.0002801	2.9359	.0007556	.0005413	.0009936	.6433
%RSD	1.774473	.1490708	.4013463	1.237438	.8058777	4.113945	.5077006

#1	.0044581	.1879782	730.0143	.0619158	.0670999	.0243861	127.2405
#2	.0043767	.1875674	729.6439	.0607620	.0666673	.0230625	126.9113
#3	.0045348	.1881025	734.9042	.0604939	.0677431	.0250079	125.9987

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.10578	384.2313	.0591997	.0139248	.7538179	.0958431	10.33764
Stddev	.06611	1.4512	.0007857	.0002760	.2965030	.0018086	.10369
%RSD	.4376384	.3776971	1.327185	1.981698	39.33350	1.887006	1.003030

#1	15.13168	385.2566	.0588680	.0136085	.8987144	.0940809	10.29783
#2	15.15501	384.8666	.0600969	.0141159	.4127291	.0976947	10.45534
#3	15.03064	382.5708	.0586342	.0140501	.9500103	.0957537	10.25976

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7047979	1.387553	.0475145	.0007938	10.97453	1.469884	-.004808
Stddev	.0488365	.001673	.0025338	.0007565	.03166	.010322	.001713
%RSD	6.929143	.1205469	5.332706	95.29925	.2885119	.7022622	35.62499

#1	.7481253	1.385965	.0471372	.0003005	10.96120	1.477247	-.003756
#2	.7143920	1.387394	.0502158	.0004162	10.95171	1.458085	-.003883
#3	.6518764	1.389299	.0451905	.0016648	11.01067	1.474319	-.006784

Sample Name: K5271-18DLX2 Acquired: 10/16/2019 14:56:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAPP3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1274681	.0071806	.1911026
Stddev	.0009694	.0010982	.0002924
%RSD	.7604741	15.29332	.1530106

#1	.1265815	.0060899	.1912822
#2	.1285031	.0082861	.1907652
#3	.1273198	.0071657	.1912603

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1463.647	2698.818	36742.89	7701.097	2644.435
Stddev	5.575	3.467	252.21	23.891	4.610
%RSD	.3808981	.1284685	.6864236	.3102227	.1743383

#1	1468.862	2701.614	36564.00	7680.052	2640.356
#2	1457.770	2699.901	36633.32	7727.066	2649.437
#3	1464.308	2694.938	37031.36	7696.173	2643.512

Sample Name: K5271-17DLX2 Acquired: 10/16/2019 14:52:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAPP2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0387691	.0060164	9.787567	-.008556	.0036704	5.223036	.1618027
Stddev	.0052930	.0007565	.039222	.003443	.0012653	.033995	.0008676
%RSD	13.65258	12.57368	.4007346	40.24513	34.47366	.6508585	.5362240

#1	.0365780	.0059834	9.746263	-.005470	.0026439	5.254931	.1618853
#2	.0448058	.0067888	9.792132	-.012270	.0050841	5.187273	.1608967
#3	.0349235	.0052769	9.824308	-.007927	.0032833	5.226905	.1626261

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043182	.1095634	660.5456	.0434273	.0664629	.0230512	127.9488
Stddev	.0001503	.0004216	7.9573	.0004097	.0003916	.0019579	.5106
%RSD	3.479760	.3848115	1.204651	.9433814	.5892313	8.493634	.3990308

#1	.0043623	.1091643	655.4666	.0429547	.0661418	.0252832	128.2608
#2	.0041508	.1095214	656.4541	.0436443	.0663477	.0216238	127.3595
#3	.0044414	.1100044	669.7162	.0436828	.0668992	.0222466	128.2259

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.55761	349.2384	.0572552	.0035559	.5419414	.1053626	6.468541
Stddev	.03869	1.4803	.0003493	.0004571	.3466628	.0041206	.036611
%RSD	.2657966	.4238589	.6100386	12.85557	63.96685	3.910865	.5659803

#1	14.57516	349.9424	.0570966	.0032189	.4866027	.1043075	6.510675
#2	14.51325	347.5375	.0570134	.0033725	.2262766	.1018721	6.450456
#3	14.58441	350.2353	.0576556	.0040762	.9129448	.1099081	6.444491

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8241282	1.130032	.0485739	.0001268	7.706257	1.279673	-.005435
Stddev	.0586795	.005059	.0023712	.0003347	.033229	.013196	.002513
%RSD	7.120196	.4476754	4.881615	264.0256	.4311949	1.031167	46.22942

#1	.8471880	1.127001	.0509070	.0004914	7.670057	1.274763	-.002642
#2	.7574216	1.127223	.0486482	.0000553	7.713342	1.269636	-.006155
#3	.8677751	1.135872	.0461664	-.000166	7.735373	1.294620	-.007510

Sample Name: K5271-17DLX2 Acquired: 10/16/2019 14:52:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAPP2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0821330	.0071632	.1670454
Stddev	.0015349	.0008873	.0003710
%RSD	1.868840	12.38772	.2221096

#1	.0810581	.0081253	.1666178
#2	.0814500	.0063768	.1672352
#3	.0838909	.0069874	.1672830

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1456.472	2688.263	36608.61	7577.632	2664.252
Stddev	5.959	9.172	123.57	69.285	11.873
%RSD	.4091617	.3411907	.3375402	.9143342	.4456572

#1	1454.888	2684.685	36670.96	7593.758	2666.951
#2	1463.063	2698.685	36688.58	7637.431	2674.543
#3	1451.464	2681.419	36466.29	7501.706	2651.261

Sample Name: K5270-08A Acquired: 10/16/2019 15:16:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAPL6A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0478550	-.000191	7.580391	.0627696	.1423810	9.747623	.1444547
Stddev	.0049769	.003397	.017479	.0054659	.0045751	.050006	.0004296
%RSD	10.39995	1777.628	.2305775	8.707939	3.213252	.5130075	.2974170

#1	.0421377	.003666	7.594683	.0644042	.1376630	9.694945	.1439716
#2	.0502094	-.002739	7.560904	.0672317	.1467982	9.794441	.1445983
#3	.0512179	-.001500	7.585587	.0566728	.1426819	9.753482	.1447941

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055001	.4894672	708.1108	.1036766	.0660744	.0266608	157.5296
Stddev	.0001572	.0010277	3.0429	.0001276	.0001029	.0020385	.4368
%RSD	2.857496	.2099615	.4297209	.1230339	.1557327	7.645919	.2772809

#1	.0053845	.4902532	711.5944	.1036888	.0660997	.0264540	157.0480
#2	.0056791	.4883043	705.9715	.1035434	.0659612	.0247336	157.6408
#3	.0054367	.4898441	706.7666	.1037976	.0661623	.0287948	157.9001

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.89564	376.0550	.0706413	.0064742	.6532898	.1716162	8.697989
Stddev	.02687	1.1434	.0002620	.0003358	.1039595	.0017580	.119919
%RSD	.1933378	.3040619	.3709513	5.186236	15.91322	1.024402	1.378703

#1	13.86570	374.7709	.0705040	.0066940	.6323191	.1695869	8.564927
#2	13.90358	376.4310	.0704763	.0060877	.5614143	.1726762	8.797709
#3	13.91764	376.9631	.0709434	.0066408	.7661360	.1725855	8.731331

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.287104	1.591452	.0572493	.0019009	8.999271	3.145894	-.001162
Stddev	.025125	.008874	.0042225	.0003593	.015137	.029833	.001245
%RSD	1.952059	.5575987	7.375557	18.90335	.1682003	.9483165	107.1099

#1	1.298044	1.585824	.0523752	.0017836	8.985644	3.177425	-.000355
#2	1.258364	1.586850	.0597941	.0016148	9.015564	3.118113	-.000536
#3	1.304905	1.601681	.0595787	.0023042	8.996605	3.142145	-.002596

Sample Name: K5270-08A Acquired: 10/16/2019 15:16:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAPL6A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2327310	.0077214	.1857751
Stddev	.0009000	.0016020	.0001649
%RSD	.3866946	20.74719	.0887664

#1	.2317115	.0074097	.1855943
#2	.2330667	.0094563	.1859172
#3	.2334150	.0062981	.1858139

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1458.213	2664.835	36729.09	7584.842	2635.458
Stddev	14.254	1.313	223.83	11.810	1.589
%RSD	.9775180	.0492869	.6094062	.1557094	.0602853

#1	1474.264	2666.348	36878.97	7575.419	2634.085
#2	1447.029	2663.993	36471.80	7598.091	2637.198
#3	1453.347	2664.163	36836.50	7581.017	2635.091

Sample Name: K5271-21DLX2 Acquired: 10/16/2019 15:08:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAPP6 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0339132	.0006981	10.22021	-.010103	.0016728	6.749378	.1023888
Stddev	.0069733	.0049647	.02431	.002783	.0006875	.019841	.0003141
%RSD	20.56207	711.1757	.2378586	27.54329	41.10146	.2939725	.3068051

#1	.0334631	-.002909	10.22517	-.011441	.0009684	6.727149	.1020797
#2	.0271759	-.001358	10.19380	-.011964	.0017079	6.755689	.1027078
#3	.0411006	.006361	10.24165	-.006904	.0023421	6.765296	.1023788

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040598	.0756674	635.5840	.0404082	.0441952	.0223873	113.4638
Stddev	.0001143	.0003293	.8061	.0008443	.0002643	.0011424	.4053
%RSD	2.816497	.4351796	.1268340	2.089333	.5979275	5.102916	.3571684

#1	.0040481	.0759309	635.8268	.0413705	.0444917	.0211989	113.0941
#2	.0041796	.0752983	636.2408	.0397923	.0439846	.0224854	113.8971
#3	.0039518	.0757731	634.6843	.0400617	.0441094	.0234774	113.4002

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.74501	331.4581	.0504838	.0021463	.8861535	.0827320	4.721190
Stddev	.04287	1.4132	.0008506	.0002925	.1194893	.0007363	.031622
%RSD	.3118914	.4263713	1.684801	13.62823	13.48404	.8899922	.6697839

#1	13.70335	330.0239	.0507392	.0024368	1.012706	.0824622	4.722324
#2	13.78899	332.8494	.0495348	.0018518	.775274	.0821686	4.752230
#3	13.74270	331.5009	.0511774	.0021502	.870480	.0835651	4.689017

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.176875	1.442875	.0513522	.0001319	6.929806	1.422828	-.003256
Stddev	.035529	.005358	.0005298	.0006417	.021216	.003247	.000111
%RSD	3.018957	.3713511	1.031780	486.5814	.3061511	.2282048	3.411137

#1	1.217897	1.447481	.0509455	.0002215	6.907607	1.419420	-.003382
#2	1.155894	1.436995	.0511598	-.000550	6.931932	1.423178	-.003173
#3	1.156834	1.444150	.0519514	.000724	6.949878	1.425885	-.003213

Sample Name: K5271-21DLX2 Acquired: 10/16/2019 15:08:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAPP6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1371951	.0072591	.1754805
Stddev	.0009341	.0013763	.0006489
%RSD	.6808559	18.95983	.3697971

#1	.1363478	.0072748	.1758636
#2	.1370406	.0086275	.1747312
#3	.1381967	.0058750	.1758466

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1466.039	2678.206	36665.15	7583.688	2665.249
Stddev	2.964	4.977	65.30	12.780	4.399
%RSD	.2022016	.1858151	.1780946	.1685145	.1650514

#1	1462.623	2674.095	36669.84	7598.185	2662.148
#2	1467.558	2676.784	36597.63	7578.824	2670.283
#3	1467.936	2683.739	36727.97	7574.054	2663.315

Sample Name: PB124021BS Acquired: 10/16/2019 15:25:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS021 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0242748	.0536656	.0223111	.0777837	.1366362	.4285765
Stddev	.0026867	.0012693	.0020719	.0061311	.0018501	.0037942
%RSD	11.06796	2.365236	9.286608	7.882234	1.353994	.8853131

#1	.0266346	.0539144	.0211635	.0723569	.1356648	.4323618
#2	.0213508	.0522903	.0247030	.0765597	.1354741	.4247734
#3	.0248390	.0547921	.0210669	.0844344	.1387696	.4285941

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4248146	.0106992	.0106390	10.80119	.0244704	.0994333
Stddev	.0005037	.0000218	.0000342	.04396	.0002500	.0002929
%RSD	.1185779	.2033335	.3219630	.4070250	1.021649	.2945667

#1	.4250562	.0106937	.0106280	10.83771	.0245950	.0991022
#2	.4242355	.0107232	.0106116	10.75240	.0246335	.0995391
#3	.4251520	.0106807	.0106774	10.81347	.0241825	.0996585

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0447460	.2183395	.0362028	10.54012	.0880770	.0209835
Stddev	.0020066	.0103503	.0002977	.01981	.0007385	.0006454
%RSD	4.484314	4.740468	.8221786	.1879608	.8385068	3.075950

#1	.0449149	.2071020	.0358695	10.56178	.0882829	.0210934
#2	.0466628	.2204344	.0362970	10.53567	.0872573	.0215670
#3	.0426604	.2274822	.0364420	10.52292	.0886906	.0202902

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.44610	.1101359	.1271876	9.480862	F .0266361	F .0235948
Stddev	.14175	.0008563	.0015976	.097764	.0010013	.0005042
%RSD	1.356928	.7774905	1.256098	1.031177	3.759017	2.136913

#1	10.34434	.1094864	.1281241	9.476421	.0254862	.0232743
#2	10.38597	.1098149	.1280958	9.580772	.0271070	.0233341
#3	10.60800	.1111063	.1253429	9.385394	.0273152	.0241760

Sample Name: PB124021BS Acquired: 10/16/2019 15:25:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS021 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0216970	.1921828	.2031922	.0124459	.2025098	F .0911939
Stddev	.0001173	.0040641	.0017582	.0014577	.0011623	.0022984
%RSD	.5406585	2.114704	.8652911	11.71230	.5739665	2.520331
#1	.0217475	.1895413	.2013692	.0137409	.2032255	.0937090
#2	.0217807	.1901445	.2033300	.0108672	.2031352	.0906700
#3	.0215630	.1968627	.2048775	.0127295	.2011686	.0892027

Elem	Sr4077
Units	ppm
Avg	.1992828
Stddev	.0002601
%RSD	.1305078
#1	.1991655
#2	.1991020
#3	.1995809

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1610.953	2921.730	39219.86	7740.573	3296.183
Stddev	5.692	5.143	58.91	28.726	1.161
%RSD	.3533174	.1760237	.1502149	.3711121	.0352259
#1	1616.380	2915.915	39270.96	7709.223	3295.667
#2	1605.029	2925.682	39233.21	7746.865	3297.512
#3	1611.450	2923.593	39155.42	7765.632	3295.369

Sample Name: PB124021BL Acquired: 10/16/2019 15:21:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS021 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023159	-.000270	.0009060	.0001301	.0026288	.0077418	.0005425
Stddev	.0021432	.001812	.0007054	.0001990	.0019065	.0076195	.0003715
%RSD	92.54108	670.8069	77.85531	152.9297	72.52302	98.42152	68.47463

#1	.0008339	-.002362	.0015738	.0001820	.0028025	.0157151	.0008525
#2	.0047733	.000745	.0001683	-.000090	.0044424	.0069764	.0006442
#3	.0013406	.000806	.0009759	.000298	.0006414	.0005338	.0001308

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000088	.0000880	.0108397	.0004733	-.000173	.0007054	.0067113
Stddev	.0000349	.0000955	.0004960	.0001726	.000296	.0010195	.0021656
%RSD	396.2765	108.4118	4.575718	36.46208	170.5571	144.5178	32.26812

#1	.0000112	.0000648	.0110712	.0005117	.000156	-.000291	.0049516
#2	.0000425	.0001930	.0102703	.0002847	-.000259	.001747	.0091298
#3	-.000027	.0000064	.0111776	.0006234	-.000417	.000660	.0060524

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005972	.0156859	-.000122	-.000242	.0620932	.0001269	.0002015
Stddev	.0001735	.0187247	.000344	.000523	.3513665	.0023568	.0025525
%RSD	29.06015	119.3730	282.3407	216.5002	565.8694	1857.461	1266.732

#1	.0007841	.0368747	-.000497	-.000679	.4673319	-.001204	.0031408
#2	.0005661	.0088186	-.000049	-.000385	-.157690	.002848	-.001079
#3	.0004412	.0013644	.000180	.000338	-.123362	-.001263	-.001457

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.164706	.0024706	-.002207	-.000041	-.003097	.0003709	-.002530
Stddev	.016000	.0010778	.001054	.000285	.005954	.0010482	.000388
%RSD	9.714523	43.62496	47.74426	702.8980	192.2582	282.6336	15.32402

#1	-.182829	.0013178	-.003067	-.000370	.003250	-.000430	-.002188
#2	-.152535	.0034531	-.001032	.000125	-.003982	.001557	-.002450
#3	-.158753	.0026407	-.002521	.000123	-.008559	-.000015	-.002951

Sample Name: PB124021BL Acquired: 10/16/2019 15:21:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS021 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008061	-.003684	.0000569
Stddev	.0009511	.001644	.0001095
%RSD	117.9892	44.64130	192.3865

#1	.0001722	-.005442	-.000070
#2	.0003463	-.003424	.000118
#3	.0018997	-.002184	.000123

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1567.243	2844.664	38128.28	7517.127	3218.563
Stddev	15.254	3.180	224.21	16.625	4.963
%RSD	.9733173	.1117745	.5880373	.2211550	.1542059

#1	1560.822	2847.583	38038.92	7531.647	3215.254
#2	1556.249	2841.276	37962.53	7498.993	3216.166
#3	1584.658	2845.133	38383.39	7520.742	3224.270

Sample Name: PB124024BL Acquired: 10/16/2019 15:29:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS024 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014526	.0009364	.0005810	-.000671	.0022564	.0056028	.0001321
Stddev	.0020816	.0015907	.0029609	.006759	.0013399	.0087800	.0004272
%RSD	143.3000	169.8865	509.5806	1007.209	59.38277	156.7068	323.2928

#1	.0013845	.0026723	-.002658	-.008451	.0008698	-.003336	.0001271
#2	.0035674	-.000452	.001254	.003756	.0035442	.014215	.0005619
#3	-.000594	.000588	.003147	.002681	.0023553	.005929	-.000293

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000361	.0000256	-.007112	.0002945	-.000200	-.001710	-.000432
Stddev	.0000147	.0000108	.008031	.0004180	.000375	.000753	.008364
%RSD	40.73385	42.36475	112.9194	141.9547	187.3026	44.03813	1934.756

#1	.0000309	.0000240	.001638	.0007464	-.000582	-.002060	.008209
#2	.0000247	.0000156	-.008826	.0002155	-.000186	-.000846	-.008487
#3	.0000527	.0000371	-.014148	-.000078	.000168	-.002224	-.001019

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002365	.0030308	-.000010	-.000147	-.005455	.0004181	-.001713
Stddev	.0003737	.0224824	.000316	.000381	.107842	.0008451	.001365
%RSD	158.0115	741.7932	3064.347	258.5958	1977.012	202.1328	79.70883

#1	-.000017	-.019023	.000348	-.000435	.053475	.0013264	-.000324
#2	.000666	.025918	-.000246	-.000292	.060082	-.000345	-.001761
#3	.000060	.002197	-.000133	.000285	-.129922	.000273	-.003053

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.167758	.0036777	-.000516	.0000919	-.008913	-.001645	-.000266
Stddev	.090124	.0023606	.000547	.0000336	.001033	.000489	.000537
%RSD	53.72250	64.18549	105.9967	36.59834	11.59259	29.72650	201.5302

#1	-.179227	.0028618	-.000077	.0000643	-.010068	-.001563	-.000675
#2	-.251599	.0018333	-.000342	.0000820	-.008591	-.001202	-.000466
#3	-.072449	.0063380	-.001130	.0001293	-.008078	-.002170	.000342

Sample Name: PB124024BL Acquired: 10/16/2019 15:29:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS024 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007718	-.003177	.0000708
Stddev	.0008164	.001216	.0000488
%RSD	105.7814	38.27012	68.94440

#1	.0004341	-.004430	.0001207
#2	.0001785	-.003098	.0000231
#3	.0017029	-.002003	.0000688

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1566.686	2839.870	38166.40	7571.673	3208.499
Stddev	14.134	2.968	247.42	24.297	2.478
%RSD	.9021823	.1045153	.6482545	.3208883	.0772192

#1	1552.426	2843.264	38142.81	7596.584	3207.478
#2	1580.691	2837.759	38424.77	7548.041	3206.695
#3	1566.942	2838.587	37931.63	7570.394	3211.324

Sample Name: PB124024BS Acquired: 10/16/2019 15:33:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS024 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0215410	.0509864	.0199300	.0720969	.1365118	.4255252
Stddev	.0031150	.0033984	.0020085	.0018600	.0020669	.0102117
%RSD	14.46095	6.665396	10.07759	2.579867	1.514081	2.399780

#1	.0179986	.0526284	.0205567	.0707492	.1358395	.4272109
#2	.0238525	.0532520	.0215504	.0713225	.1348647	.4145755
#3	.0227719	.0470787	.0176829	.0742190	.1388311	.4347890

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4231501	.0106673	.0105169	10.77744	.0243606	.0990570
Stddev	.0006909	.0000883	.0000403	.00504	.0004861	.0001940
%RSD	.1632631	.8277894	.3835510	.0467784	1.995502	.1958119

#1	.4230533	.0107428	.0105281	10.77296	.0246116	.0992060
#2	.4225128	.0106888	.0105505	10.78290	.0246699	.0988377
#3	.4238843	.0105702	.0104722	10.77648	.0238003	.0991273

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0449717	.2268051	.0359040	10.43085	.0877507	.0216837
Stddev	.0019901	.0049812	.0003962	.04734	.0005456	.0004778
%RSD	4.425263	2.196270	1.103487	.4538861	.6217519	2.203543

#1	.0453650	.2325205	.0355157	10.48264	.0872760	.0215772
#2	.0428144	.2233874	.0363076	10.38980	.0883468	.0222058
#3	.0467359	.2245075	.0358886	10.42009	.0876293	.0212682

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.49874	.1067009	.1290635	9.451987	.0250498	F .0232442
Stddev	.00875	.0014132	.0014076	.021664	.0003624	.0008395
%RSD	.0833758	1.324484	1.090653	.2292024	1.446542	3.611545

#1	10.49696	.1068428	.1274386	9.428886	.0248483	.0242066
#2	10.49101	.1052220	.1299097	9.455225	.0248329	.0226627
#3	10.50824	.1080378	.1298422	9.471849	.0254681	.0228632

Sample Name: PB124024BS Acquired: 10/16/2019 15:33:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS024 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0214537	.1833776	.1981299	.0135809	.2021804	F .0914744
Stddev	.0003608	.0021013	.0016112	.0015196	.0028365	.0013744
%RSD	1.681890	1.145897	.8131785	11.18957	1.402944	1.502549

#1	.0210693	.1857947	.1993103	.0149899	.2028409	.0926949
#2	.0217852	.1819855	.1962944	.0119707	.2046283	.0899856
#3	.0215066	.1823527	.1987850	.0137820	.1990719	.0917426

Elem	Sr4077
Units	ppm
Avg	.1994380
Stddev	.0000597
%RSD	.0299284

#1	.1994600
#2	.1993705
#3	.1994836

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1596.976	2909.519	39034.88	7768.016	3292.603
Stddev	12.758	3.298	373.24	22.671	1.063
%RSD	.7989123	.1133471	.9561710	.2918499	.0322769

#1	1607.918	2911.868	39244.43	7793.162	3291.884
#2	1582.962	2910.940	38603.96	7761.746	3293.824
#3	1600.046	2905.749	39256.26	7749.140	3292.101

Sample Name: K5381-01 Acquired: 10/16/2019 15:41:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GK9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0671488	.0100689	.0303699	-.023499	-.000718	94.64054
Stddev	.0062596	.0029659	.0014315	.003455	.002925	.56611
%RSD	9.321996	29.45650	4.713698	14.70146	407.4060	.5981678

#1	.0712295	.0134715	.0287180	-.020288	.001380	94.10609
#2	.0599419	.0080310	.0311432	-.027155	.000526	95.23373
#3	.0702751	.0087041	.0312484	-.023056	-.004060	94.58180

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.877424	.0077532	.0027810	39.82303	.0613639	.1489018
Stddev	.005928	.0000531	.0000983	.12556	.0006706	.0003608
%RSD	.3157534	.6845943	3.536006	.3153067	1.092797	.2422715

#1	1.870796	.0076920	.0028875	39.72524	.0620817	.1490402
#2	1.882219	.0077817	.0026936	39.77921	.0607535	.1491729
#3	1.879256	.0077860	.0027620	39.96463	.0612565	.1484924

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0249724	266.0684	6.804132	86.07017	.1300348	-.009169
Stddev	.0013754	.8981	.015556	.25310	.0001882	.000114
%RSD	5.507773	.3375344	.2286240	.2940567	.1447177	1.247112

#1	.0238871	265.2512	6.787129	85.78275	.1301777	-.009264
#2	.0245108	267.0299	6.807616	86.25970	.1301050	-.009042
#3	.0265192	265.9241	6.817650	86.16806	.1298216	-.009200

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9680905	.5874241	.6799227	58.51599	F 11.97469	.0688708
Stddev	.2046593	.0018659	.0090911	.45752	.02692	.0012855
%RSD	21.14051	.3176406	1.337086	.7818683	.2247894	1.866502

#1	.7524614	.5855008	.6754631	58.23143	11.94936	.0689108
#2	.9921585	.5892268	.6739224	59.04374	11.97175	.0675658
#3	1.159652	.5875448	.6903825	58.27279	12.00295	.0701359

Sample Name: K5381-01 Acquired: 10/16/2019 15:41:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GK9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012179	.1949816	1.314183	-.013871	14.45231	.2036157
Stddev	.0002857	.0097328	.026294	.001118	.09382	.0010479
%RSD	23.46274	4.991636	2.000824	8.057772	.6491768	.5146664

#1	.0011314	.1849400	1.313172	-.012689	14.47108	.2024651
#2	.0009854	.1956318	1.340969	-.014911	14.35053	.2038666
#3	.0015369	.2043729	1.288409	-.014013	14.53534	.2045154

Elem	Sr4077
Units	ppm
Avg	.1793522
Stddev	.0004919
%RSD	.2742523

#1	.1794011
#2	.1788377
#3	.1798179

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1748.773	3192.115	43241.21	8675.304	2988.111
Stddev	7.595	.634	127.53	44.109	5.553
%RSD	.4343306	.0198480	.2949372	.5084449	.1858410

#1	1754.004	3191.937	43166.85	8700.376	2992.692
#2	1752.255	3192.818	43388.47	8624.373	2981.934
#3	1740.061	3191.589	43168.30	8701.163	2989.705

Sample Name: K5271-03A Acquired: 10/16/2019 15:37:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAPN0A Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0534050	.0012634	16.25135	.0620292	.1466004	10.48857
Stddev	.0044345	.0063987	.03238	.0046641	.0037012	.05270
%RSD	8.303471	506.4611	.1992527	7.519124	2.524680	.5024917

#1	.0584413	-.003097	16.27863	.0604602	.1507395	10.42807
#2	.0516879	-.001722	16.25986	.0583521	.1454528	10.52454
#3	.0500858	.008609	16.21556	.0672755	.1436089	10.51310

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1359661	.0070771	.4171009	F 1178.445	.0777428	.1017988
Stddev	.0003863	.0001664	.0011978	9.710	.0005401	.0006652
%RSD	.2841254	2.350790	.2871826	.8239764	.6947918	.6534585

#1	.1357162	.0070443	.4171066	1174.693	.0782061	.1024639
#2	.1364110	.0072574	.4182959	1189.472	.0771495	.1017990
#3	.1357710	.0069296	.4159003	1171.171	.0778728	.1011335

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4082565	210.7767	23.50219	629.7332	.0955822	.0226865
Stddev	.0033246	1.1291	.01551	2.3563	.0003215	.0003885
%RSD	.8143335	.5356982	.0659830	.3741758	.3363268	1.712491

#1	.4098642	209.6384	23.49589	627.4020	.0952262	.0224971
#2	.4104716	211.8964	23.51985	632.1138	.0958512	.0231333
#3	.4044336	210.7954	23.49082	629.6838	.0956691	.0224289

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.377141	.1658255	20.92506	2.243269	2.628799	.0923378
Stddev	.309271	.0034648	.12210	.042662	.009324	.0010317
%RSD	22.45744	2.089439	.5834915	1.901761	.3546807	1.117370

#1	1.719984	.1694989	21.01152	2.194856	2.638736	.0914446
#2	1.119160	.1626161	20.97827	2.259594	2.627420	.0921015
#3	1.292281	.1653614	20.78539	2.275358	2.620242	.0934672

Sample Name: K5271-03A Acquired: 10/16/2019 15:37:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAPN0A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022714	22.05542	5.140651	.0021109	.2680120	.0129518
Stddev	.0002949	.02336	.002664	.0027107	.0066679	.0012249
%RSD	12.98337	.1059102	.0518130	128.4147	2.487904	9.457331

#1	.0020262	22.06403	5.138353	.0049346	.2740910	.0121587
#2	.0021894	22.07325	5.140030	-.000471	.2608804	.0143626
#3	.0025987	22.02898	5.143570	.001869	.2690644	.0123342

Elem	Sr4077
Units	ppm
Avg	.3035390
Stddev	.0014869
%RSD	.4898684

#1	.3052503
#2	.3025625
#3	.3028043

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1452.261	2647.455	36793.65	7741.161	2479.714
Stddev	8.291	4.517	117.25	29.939	3.506
%RSD	.5709333	.1706312	.3186647	.3867569	.1414048

#1	1446.951	2642.792	36689.50	7768.194	2477.560
#2	1448.017	2647.762	36770.81	7708.982	2477.822
#3	1461.815	2651.811	36920.63	7746.306	2483.760

Sample Name: CCV015 Acquired: 10/16/2019 15:49:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV015 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.903687	4.846158	24.35241	4.663769	5.092907	386.1858	10.21923
Stddev	.018835	.015321	.00723	.015665	.006731	3.4119	.02300
%RSD	.3841015	.3161400	.0296804	.3358912	.1321730	.8834845	.2250458

#1	4.922116	4.842630	24.35483	4.650754	5.100589	384.4092	10.19607
#2	4.904473	4.832908	24.35811	4.659398	5.088044	390.1194	10.24206
#3	4.884471	4.862934	24.34428	4.681156	5.090087	384.0288	10.21957

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4887882	2.493236	398.4781	15.89146	2.457891	14.63548	407.3828
Stddev	.0028946	.002256	.8390	.06015	.001027	.08572	1.6599
%RSD	.5922056	.0905009	.2105543	.3785271	.0417879	.5856810	.4074608

#1	.4866267	2.495057	397.5287	15.84622	2.457570	14.54056	405.5528
#2	.4876611	2.490712	399.1200	15.86844	2.457062	14.70723	408.7913
#3	.4920769	2.493940	398.7855	15.95973	2.459040	14.65864	407.8045

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.47824	399.9871	2.573011	1.273618	401.1923	2.428169	14.57708
Stddev	.04156	1.7255	.002366	.009160	1.5929	.009265	.08548
%RSD	.2870716	.4313973	.0919548	.7192321	.3970330	.3815695	.5864314

#1	14.43733	398.0017	2.574392	1.278127	399.4322	2.417481	14.56163
#2	14.52043	401.1251	2.570279	1.279650	402.5346	2.433926	14.66924
#3	14.47696	400.8344	2.574362	1.263077	401.6102	2.433101	14.50038

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	149.2644	5.114072	4.828127	5.009672	5.194088	4.828792	5.050432
Stddev	.7473	.012352	.024997	.009618	.011735	.031276	.005072
%RSD	.5006698	.2415220	.5177343	.1919945	.2259224	.6476890	.1004337

#1	148.5292	5.128043	4.804470	5.008535	5.183066	4.804820	5.047192
#2	150.0233	5.109573	4.825633	5.000672	5.206424	4.817387	5.047825
#3	149.2408	5.104601	4.854277	5.019808	5.192775	4.864170	5.056277

Sample Name: CCV015 Acquired: 10/16/2019 15:49:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV015 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.962837	5.028539	4.888247
Stddev	.020441	.006074	.033520
%RSD	.4118729	.1207943	.6857245

#1	4.986040	5.022267	4.916163
#2	4.954979	5.028956	4.851070
#3	4.947491	5.034394	4.897509

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1308.910	2423.032	34095.31	7195.223	2512.973
Stddev	11.334	4.979	330.04	26.809	.869
%RSD	.8659134	.2054822	.9679854	.3725952	.0346003

#1	1304.553	2423.991	33921.86	7201.033	2512.144
#2	1300.401	2427.461	33888.17	7165.985	2513.878
#3	1321.776	2417.643	34475.91	7218.650	2512.897

Sample Name: K5381-02 Acquired: 10/16/2019 15:45:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GL0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1028515	-.003837	1.267002	-.003765	.0071749	12.51394	.4054080
Stddev	.0012610	.001240	.003002	.002921	.0012657	.04214	.0020970
%RSD	1.226057	32.31105	.2369239	77.60129	17.64095	.3367703	.5172482

#1	.1030904	-.005219	1.267769	-.000558	.0074025	12.55435	.4070263
#2	.1014881	-.003470	1.263691	-.006274	.0083114	12.47026	.4030390
#3	.1039759	-.002822	1.269545	-.004462	.0058108	12.51722	.4061587

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035167	.0055841	20.42890	.0158344	.0073129	.3237934	27.02202
Stddev	.0000181	.0000211	.05144	.0003404	.0001522	.0025211	.07227
%RSD	.5133912	.3782941	.2517803	2.149459	2.081697	.7786220	.2674320

#1	.0035081	.0056055	20.44095	.0160747	.0072651	.3265536	27.07081
#2	.0035045	.0055632	20.37251	.0154450	.0071903	.3232145	26.93900
#3	.0035374	.0055835	20.47325	.0159837	.0074833	.3216120	27.05626

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.533480	3.402862	.0121264	.0037476	.4334904	.0370549	.7160472
Stddev	.004269	.022270	.0004159	.0002933	.0709592	.0014042	.0057817
%RSD	.1684913	.6544434	3.429622	7.825315	16.36927	3.789492	.8074478

#1	2.536471	3.406595	.0125162	.0035203	.5090657	.0385916	.7182162
#2	2.528591	3.423030	.0116886	.0040786	.3682895	.0358386	.7094946
#3	2.535377	3.378962	.0121745	.0036439	.4231161	.0367345	.7204307

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.727287	.8543527	.0088933	.0059702	.2783471	1.239751	.0186752
Stddev	.009046	.0025347	.0006174	.0000773	.0082018	.009407	.0005518
%RSD	.5237373	.2966755	6.942003	1.295425	2.946606	.7588190	2.954735

#1	1.728973	.8535143	.0095293	.0058861	.2701338	1.250508	.0190914
#2	1.735372	.8523435	.0082964	.0060382	.2783702	1.235684	.0188849
#3	1.717516	.8572003	.0088542	.0059862	.2865373	1.233062	.0180493

Sample Name: K5381-02 Acquired: 10/16/2019 15:45:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GL0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0963828	.0022497	.0723158
Stddev	.0015537	.0012830	.0001930
%RSD	1.612030	57.02945	.2668126

#1	.0945903	.0017999	.0722036
#2	.0972154	.0012522	.0725386
#3	.0973429	.0036970	.0722053

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1938.591	3530.746	47758.71	9498.066	3217.111
Stddev	16.730	8.738	262.18	3.638	10.334
%RSD	.8629975	.2474912	.5489692	.0382979	.3212342

#1	1940.699	3537.306	47465.04	9495.020	3222.481
#2	1954.167	3534.106	47969.25	9502.094	3223.654
#3	1920.907	3520.827	47841.84	9497.086	3205.197

Sample Name: CCB015 Acquired: 10/16/2019 15:53:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN 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	.0060024	-.000284	.0003175	-.000031	.0029142	.0070153	.0001953
Stddev	.0015429	.001307	.0007880	.001374	.0007647	.0036210	.0005425
%RSD	25.70467	460.8908	248.1559	4422.752	26.24043	51.61601	277.8276

#1	.0060656	.001153	-.000592	.001052	.0035682	.0045464	-.000276
#2	.0044288	-.000601	.000781	-.001577	.0031009	.0111721	.000788
#3	.0075127	-.001402	.000764	.000432	.0020734	.0053274	.000074

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000092	.0000889	-.002094	.0006077	-.000124	.0012709	.0106491
Stddev	.0000364	.0000887	.008065	.0003009	.000207	.0027409	.0043728
%RSD	395.8203	99.86597	385.1638	49.51641	166.1777	215.6566	41.06226

#1	.0000504	.0000428	.004302	.0002647	.000113	-.001894	.0064341
#2	-.000019	.0000327	-.011153	.0008273	-.000266	.002889	.0103491
#3	-.000004	.0001912	.000569	.0007313	-.000220	.002818	.0151642

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006105	-.014494	.0002061	-.000440	.2769153	.0023049	-.002265
Stddev	.0001587	.003645	.0001203	.000312	.1692805	.0020451	.001694
%RSD	26.00127	25.14762	58.37387	70.91983	61.13079	88.72894	74.76839

#1	.0007752	-.017691	.0003094	-.000740	.4723371	-.000053	-.003582
#2	.0005977	-.010525	.0002350	-.000117	.1828952	.003375	-.000355
#3	.0004585	-.015265	.0000740	-.000462	.1755135	.003593	-.002859

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.118451	.0015673	.0085826	.0005214	-.004135	-.001771	.0001799
Stddev	.047772	.0007008	.0004183	.0002718	.004253	.000594	.0005421
%RSD	40.33023	44.71567	4.873283	52.14041	102.8416	33.52576	301.3335

#1	-.155475	.0022618	.0081031	.0002206	-.008375	-.002037	.0007939
#2	-.064526	.0015797	.0087725	.0007495	.000130	-.001091	-.000233
#3	-.135352	.0008603	.0088722	.0005941	-.004160	-.002185	-.000021

Sample Name: CCB015 Acquired: 10/16/2019 15:53:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB015 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007171	.0004479	.0001540
Stddev	.0005326	.0017428	.0000179
%RSD	74.27302	389.1057	11.60658

#1	.0013319	-.000496	.0001343
#2	.0004238	.002459	.0001584
#3	.0003955	-.000619	.0001693

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1551.935	2827.002	37899.22	7535.930	3209.787
Stddev	14.770	3.392	140.73	32.968	5.006
%RSD	.9517263	.1199872	.3713348	.4374801	.1559504

#1	1541.720	2830.007	37854.62	7553.088	3215.566
#2	1545.214	2827.675	37786.19	7497.921	3206.982
#3	1568.870	2823.324	38056.85	7556.780	3206.812

Sample Name: K5381-20 Acquired: 10/16/2019 15:57:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GM8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2282512	.0045422	.8382881	-.014528	.0027824	111.6547	1.648623
Stddev	.0095331	.0050821	.0041253	.001787	.0007125	.3142	.001726
%RSD	4.176600	111.8858	.4921128	12.30235	25.60850	.2813613	.1047057

#1	.2392531	-.000514	.8406478	-.014742	.0035905	111.5126	1.648841
#2	.2230645	.004491	.8406919	-.016198	.0022444	112.0148	1.650230
#3	.2224359	.009650	.8335247	-.012643	.0025124	111.4368	1.646798

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117706	.0083223	130.1172	.0447746	.1418850	.5803702	195.9061
Stddev	.0001249	.0001477	.1407	.0007248	.0002449	.0042893	.3837
%RSD	1.060734	1.774150	.1081116	1.618718	.1726287	.7390676	.1958669

#1	.0116761	.0084868	130.0689	.0440827	.1420270	.5780113	195.7356
#2	.0119121	.0082787	130.0071	.0455283	.1420257	.5853213	196.3455
#3	.0117235	.0082013	130.2757	.0447129	.1416021	.5777780	195.6372

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.677888	87.63955	.0846436	.0157058	.8565450	.3857693	1.142170
Stddev	.006582	.14369	.0003783	.0003404	.0663444	.0032263	.006322
%RSD	.0680147	.1639599	.4469201	2.167570	7.745582	.8363276	.5535205

#1	9.680294	87.67855	.0849902	.0157265	.8871833	.3840800	1.138409
#2	9.682929	87.75972	.0847006	.0153555	.7804184	.3894895	1.138633
#3	9.670441	87.48038	.0842401	.0160355	.9020334	.3837384	1.149469

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	63.28269	9.070552	.0584184	.0031130	1.791542	2.532414	-.015026
Stddev	.32878	.020829	.0013809	.0004503	.008935	.014701	.002528
%RSD	.5195437	.2296371	2.363854	14.46549	.4987351	.5805235	16.82410

#1	62.99750	9.053349	.0597775	.0026529	1.781413	2.533356	-.017419
#2	63.64231	9.064598	.0570167	.0035528	1.798307	2.546622	-.015277
#3	63.20827	9.093711	.0584609	.0031333	1.794905	2.517265	-.012382

Sample Name: K5381-20 Acquired: 10/16/2019 15:57:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GM8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	11.28629	.2566551	.8417126
Stddev	.04924	.0013210	.0029412
%RSD	.4362468	.5146785	.3494316

#1	11.29341	.2556725	.8419005
#2	11.23387	.2561362	.8386819
#3	11.33157	.2581568	.8445553

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1811.482	3305.610	44794.03	9211.627	2914.590
Stddev	10.181	5.680	237.62	19.184	2.689
%RSD	.5620522	.1718429	.5304707	.2082627	.0922540

#1	1808.301	3306.987	44835.50	9199.485	2911.488
#2	1822.875	3310.476	45008.19	9233.744	2916.043
#3	1803.271	3299.368	44538.41	9201.652	2916.241

Sample Name: K5381-22 Acquired: 10/16/2019 16:05:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GM8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2651282	.1125678	.7121528	.0147549	.0618601	125.1215	5.588538
Stddev	.0058973	.0032974	.0034043	.0016930	.0020615	.4225	.012863
%RSD	2.224332	2.929252	.4780301	11.47430	3.332565	.3376718	.2301605

#1	.2632836	.1121393	.7098627	.0165850	.0638834	124.7259	5.586660
#2	.2717274	.1160585	.7105309	.0144352	.0597624	125.0720	5.576718
#3	.2603737	.1095057	.7160648	.0132445	.0619343	125.5665	5.602236

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0969880	.1133508	114.3700	.4330911	1.190437	.8311104	215.3388
Stddev	.0003877	.0002475	.0978	.0003362	.001655	.0023463	.3191
%RSD	.3997159	.2183491	.0855500	.0776263	.1389935	.2823048	.1481898

#1	.0966523	.1130826	114.3699	.4333510	1.190081	.8310628	215.0218
#2	.0974123	.1133995	114.2721	.4332110	1.188989	.8287883	215.3346
#3	.0968994	.1135703	114.4678	.4327115	1.192240	.8334801	215.6600

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.841734	96.54268	1.188548	.1014645	.6891009	1.289988	1.977804
Stddev	.008439	.10132	.002709	.0006181	.2185108	.004456	.016924
%RSD	.0857461	.1049449	.2279027	.6091528	31.70956	.3454214	.8557006

#1	9.850229	96.43086	1.187293	.1019343	.8929821	1.284954	1.993671
#2	9.833353	96.62837	1.186694	.1016948	.4584307	1.291582	1.959991
#3	9.841621	96.56880	1.191656	.1007643	.7158898	1.293427	1.979750

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	71.93381	9.089467	.0661204	.0021681	1.723146	2.307585	-.020096
Stddev	.40178	.015009	.0030288	.0001193	.012050	.024170	.000907
%RSD	.5585454	.1651284	4.580691	5.502789	.6992819	1.047410	4.511974

#1	71.56051	9.095277	.0663958	.0020339	1.734032	2.295689	-.020876
#2	71.88191	9.072421	.0629633	.0022621	1.725209	2.335398	-.019101
#3	72.35903	9.100703	.0690020	.0022083	1.710199	2.291669	-.020311

Sample Name: K5381-22 Acquired: 10/16/2019 16:05:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GM8S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	12.76579	.2902643	.7932435
Stddev	.03358	.0010186	.0022129
%RSD	.2630126	.3509084	.2789669

#1	12.79683	.2901748	.7954267
#2	12.77039	.2913246	.7910021
#3	12.73015	.2892934	.7933017

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1764.102	3214.287	43590.03	8922.204	2873.319
Stddev	12.921	3.422	213.34	15.809	4.068
%RSD	.7324172	.1064499	.4894318	.1771843	.1415781

#1	1749.847	3216.642	43343.96	8926.769	2876.541
#2	1775.042	3210.362	43702.84	8904.615	2874.670
#3	1767.416	3215.856	43723.29	8935.228	2868.748

Sample Name: K5381-21 Acquired: 10/16/2019 16:01:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GM8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2248154	.0045093	.8299260	-.012026	.0046260	114.7622	1.766127
Stddev	.0013479	.0017221	.0037284	.001657	.0007749	.4679	.004205
%RSD	.5995480	38.19112	.4492389	13.77885	16.75122	.4077110	.2380925

#1	.2242353	.0063119	.8274460	-.011148	.0044206	114.8131	1.769908
#2	.2263562	.0043349	.8342136	-.013937	.0039744	115.2025	1.766875
#3	.2238547	.0028809	.8281184	-.010992	.0054829	114.2709	1.761598

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118739	.0082882	124.1049	.0451263	.1481421	.5735853	203.8144
Stddev	.0000795	.0000800	.4032	.0002718	.0010858	.0033654	.8967
%RSD	.6697108	.9650029	.3248638	.6023667	.7329598	.5867260	.4399553

#1	.0119441	.0081982	123.8142	.0453174	.1480029	.5769347	203.8188
#2	.0118900	.0083153	123.9352	.0448151	.1492908	.5736170	204.7089
#3	.0117875	.0083511	124.5651	.0452465	.1471326	.5702042	202.9156

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.689072	91.88787	.0870363	.0151947	.7627367	.4082880	1.147062
Stddev	.010653	.34647	.0006938	.0003047	.1910182	.0028314	.009414
%RSD	.1099529	.3770531	.7971405	2.005061	25.04379	.6934866	.8207060

#1	9.680524	91.83800	.0878350	.0148471	.6838917	.4113276	1.157037
#2	9.701007	92.25656	.0866910	.0154156	.9805563	.4078108	1.145815
#3	9.685684	91.56903	.0865830	.0153214	.6237621	.4057254	1.138333

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	67.30746	9.198927	.0582581	.0032441	1.809352	2.596382	-.017017
Stddev	.55690	.015615	.0030794	.0003659	.004469	.016347	.001060
%RSD	.8273910	.1697456	5.285851	11.28004	.2470162	.6295944	6.230680

#1	67.56552	9.184012	.0610084	.0032554	1.804892	2.586730	-.016794
#2	67.68851	9.197612	.0588347	.0036042	1.813831	2.615256	-.018171
#3	66.66834	9.215158	.0549311	.0028726	1.809332	2.587160	-.016086

Sample Name: K5381-21 Acquired: 10/16/2019 16:01:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GM8D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	12.16139	.2704536	.8321362
Stddev	.11828	.0024407	.0038533
%RSD	.9726257	.9024572	.4630564

#1	12.13189	.2715296	.8310237
#2	12.06065	.2676597	.8289616
#3	12.29163	.2721714	.8364233

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1806.219	3283.570	44812.73	9134.255	2894.749
Stddev	.380	13.561	236.61	37.546	11.251
%RSD	.0210489	.4129843	.5280021	.4110463	.3886841

#1	1806.102	3295.618	44655.47	9176.892	2903.169
#2	1806.644	3268.884	44697.88	9106.133	2881.970
#3	1805.911	3286.207	45084.85	9119.741	2899.108

Sample Name: K5382-21 Acquired: 10/16/2019 16:17:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GO8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	kF 49.61252	k -.205512	F 507.6680	k .8134203	k .4500517	k 32.98838
Stddev	.04131	.004428	4.4939	.0073084	.0015596	.14027
%RSD	.0832559	2.154764	.8852046	.8984801	.3465308	.4251965

#1	k 49.56746	k -.203159	504.8900	k .8088841	k .4510862	k 32.95558
#2	k 49.62151	k -.202757	505.2614	k .8095257	k .4508109	k 33.14214
#3	k 49.64859	k -.210620	512.8527	k .8218512	k .4482579	k 32.86743

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0992421	.0256189	k .0759300	^ *****	k .2631214	.0155365
Stddev	.0002148	.0001642	.0001754	-----	.0010565	.0002587
%RSD	.2164630	.6408171	.2310522	-----	.4015327	1.665187

#1	.0990647	.0255369	k .0757275	^ -----	k .2636118	.0155166
#2	.0994810	.0255120	k .0760340	^ -----	k .2619088	.0158046
#3	.0991806	.0258079	k .0760286	^ -----	k .2638435	.0152883

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 8.412440	k 652.6552	15.74343	1.257328	-.010338	kF 2.744960
Stddev	.034136	.3767	.00872	.036674	.000631	.020562
%RSD	.4057834	.0577125	.0553938	2.916810	6.106971	.7490802

#1	k 8.417599	k 652.8662	15.73536	1.219840	-.010657	k 2.725562
#2	k 8.443704	k 652.8790	15.74225	1.259013	-.009611	k 2.766516
#3	k 8.376018	k 652.2203	15.75268	1.293130	-.010746	k 2.742802

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 6.131752	kF 8.017941	k 27.37604	40.26044	kF 46.20144	kF -1.37852
Stddev	.229608	.012231	.40359	.30967	.13771	.00913
%RSD	3.744569	.1525418	1.474229	.7691655	.2980680	.6623879

#1	k 5.929548	k 8.012944	k 27.42983	40.30817	k 46.04453	k -1.37962
#2	k 6.084345	k 8.031879	k 27.75004	40.54346	k 46.30222	k -1.36889
#3	k 6.381363	k 8.009000	k 26.94826	39.92967	k 46.25757	k -1.38706

Sample Name: K5382-21 Acquired: 10/16/2019 16:17:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GO8D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.244734	F 188.8029	3.516770	.0100029	.1495726	.0365282
Stddev	.005462	.5739	.017005	.0019757	.0011449	.0012442
%RSD	.1041343	.3039474	.4835351	19.75140	.7654543	3.406154

#1	5.238546	188.1769	3.536388	.0105370	.1483930	.0357918
#2	5.246772	188.9278	3.507684	.0116566	.1506793	.0358281
#3	5.248883	189.3040	3.506238	.0078150	.1496454	.0379648

Elem	Sr4077
Units	ppm
Avg	.9149934
Stddev	.0021649
%RSD	.2366054

#1	.9125171
#2	.9165277
#3	.9159355

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1786.868	3233.345	45144.75	9034.385	3068.165
Stddev	22.034	5.897	257.69	21.540	5.180
%RSD	1.233122	.1823881	.5708088	.2384240	.1688253

#1	1780.690	3231.942	45007.93	9027.413	3069.682
#2	1768.582	3239.818	44984.34	9058.548	3072.416
#3	1811.331	3228.276	45442.00	9017.194	3062.396

Sample Name: K5382-20 Acquired: 10/16/2019 16:13:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GO8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	kF 49.64025	k -.200732	F 508.1313	k .8097161	k .4488319	k 33.16685
Stddev	.10099	.002958	5.3987	.0064731	.0028288	.24047
%RSD	.2034504	1.473666	1.062466	.7994265	.6302563	.7250328

#1	k 49.71475	k -.197322	505.6240	k .8027203	k .4455878	k 32.88923
#2	k 49.52530	k -.202263	504.4421	k .8109347	k .4507839	k 33.30102
#3	k 49.68070	k -.202611	514.3277	k .8154932	k .4501241	k 33.31030

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0993785	.0259888	k .0762482	^ *****	k .2672017	.0153059
Stddev	.0003770	.0001109	.0002287	-----	.0002262	.0003440
%RSD	.3794003	.4266472	.2998806	-----	.0846428	2.247483

#1	.0989596	.0258608	k .0764064	^ -----	k .2672560	.0149983
#2	.0994853	.0260503	k .0759860	^ -----	k .2669533	.0152420
#3	.0996906	.0260554	k .0763520	^ -----	k .2673958	.0156774

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 8.501451	k 657.4876	15.04496	1.269395	-.010494	kF 2.717604
Stddev	.080180	3.2623	.04107	.027180	.000558	.015633
%RSD	.9431309	.4961694	.2729548	2.141162	5.314178	.5752439

#1	k 8.409604	k 653.7401	15.00011	1.272869	-.010701	k 2.735377
#2	k 8.537274	k 659.0305	15.05403	1.294671	-.009862	k 2.705984
#3	k 8.557473	k 659.6922	15.08073	1.240645	-.010918	k 2.711451

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 6.195925	kF 8.152591	k 27.28058	40.64556	kF 46.42425	kF -1.39446
Stddev	.289430	.046651	.17977	.38573	.09833	.01084
%RSD	4.671293	.5722233	.6589650	.9490190	.2118159	.7774798

#1	k 6.442990	k 8.099428	k 27.11210	40.20042	k 46.46324	k -1.40507
#2	k 5.877486	k 8.171648	k 27.25980	40.88162	k 46.31240	k -1.39490
#3	k 6.267300	k 8.186696	k 27.46983	40.85463	k 46.49711	k -1.38340

Sample Name: K5382-20 Acquired: 10/16/2019 16:13:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GO8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.211590	F 188.6216	3.505808	.0095939	.1506597	.0344188
Stddev	.012444	.5164	.020577	.0009650	.0016857	.0017030
%RSD	.2387667	.2737827	.5869404	10.05865	1.118883	4.947971

#1	5.221501	188.6774	3.527010	.0101596	.1512328	.0353544
#2	5.197625	188.0796	3.504493	.0084796	.1519841	.0354490
#3	5.215643	189.1079	3.485919	.0101425	.1487621	.0324531

Elem	Sr4077
Units	ppm
Avg	.9114826
Stddev	.0021911
%RSD	.2403899

#1	.9136813
#2	.9092991
#3	.9114676

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1793.845	3246.031	45165.83	8961.716	3070.371
Stddev	7.228	6.499	104.68	26.076	5.045
%RSD	.4029552	.2002017	.2317697	.2909660	.1643013

#1	1799.067	3242.532	45221.95	8956.337	3072.336
#2	1796.873	3253.529	45045.06	8938.750	3074.138
#3	1785.595	3242.032	45230.49	8990.062	3064.640

Sample Name: PB124034BS Acquired: 10/16/2019 16:33:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS034 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0204457	.0528257	F .0315427	.0772025	.1366506	.4154287
Stddev	.0027664	.0029438	.0012422	.0026333	.0015796	.0082129
%RSD	13.53030	5.572633	3.938253	3.410908	1.155973	1.976957

#1	.0221131	.0503925	.0301099	.0802113	.1358052	.4202395
#2	.0219717	.0560979	.0323167	.0760785	.1384730	.4059457
#3	.0172525	.0519867	.0322016	.0753178	.1356736	.4201009

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4229218	.0110803	.0106794	10.78270	.0252203	.0984806
Stddev	.0013459	.0000803	.0000741	.02256	.0004354	.0001555
%RSD	.3182476	.7245591	.6941994	.2092664	1.726460	.1578545

#1	.4236437	.0109876	.0107537	10.78307	.0248216	.0985190
#2	.4213689	.0111280	.0106054	10.80508	.0256850	.0983095
#3	.4237529	.0111252	.0106793	10.75995	.0251544	.0986132

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0448597	.2347567	.0337632	10.62546	.0883416	.0215511
Stddev	.0011222	.0053795	.0003468	.07198	.0002724	.0004456
%RSD	2.501644	2.291510	1.027188	.6774738	.3083523	2.067492

#1	.0444425	.2395297	.0333640	10.67694	.0883297	.0213242
#2	.0461308	.2289274	.0339900	10.65624	.0880754	.0220645
#3	.0440059	.2358132	.0339357	10.54321	.0886198	.0212647

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.54391	.1071822	.1287301	9.346517	.0250567	F .0286701
Stddev	.08803	.0017067	.0006281	.020785	.0022531	.0006726
%RSD	.8349294	1.592298	.4878859	.2223836	8.992071	2.345941

#1	10.63773	.1091259	.1292851	9.322646	.0276423	.0280680
#2	10.46312	.1059288	.1280483	9.360610	.0240146	.0285464
#3	10.53088	.1064919	.1288567	9.356295	.0235134	.0293960

Sample Name: PB124034BS Acquired: 10/16/2019 16:33:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS034 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0215162	.1932047	.2024100	.0148318	.1996965	F .0853335
Stddev	.0003599	.0031068	.0012837	.0009305	.0014680	.0009394
%RSD	1.672566	1.608045	.6342264	6.273626	.7351217	1.100815

#1	.0219166	.1897461	.2010557	.0143734	.2012779	.0862308
#2	.0212195	.1957592	.2036091	.0142195	.1994344	.0843571
#3	.0214126	.1941087	.2025651	.0159026	.1983771	.0854125

Elem	Sr4077
Units	ppm
Avg	.1961288
Stddev	.0004018
%RSD	.2048870

#1	.1963926
#2	.1956664
#3	.1963276

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1618.988	2913.714	39417.88	7725.125	3328.742
Stddev	7.368	4.456	194.11	45.978	9.623
%RSD	.4550778	.1529187	.4924424	.5951793	.2890991

#1	1613.731	2918.768	39211.76	7773.313	3338.272
#2	1615.825	2912.021	39444.66	7681.732	3328.926
#3	1627.409	2910.353	39597.20	7720.331	3319.028

Sample Name: PB124034BL Acquired: 10/16/2019 16:29:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW034 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062046	-.001351	F .0297415	-.002870	.0024750	-.002176
Stddev	.0014816	.002989	.0018243	.004113	.0013201	.005802
%RSD	23.88009	221.3126	6.133727	143.3362	53.33956	266.6017

#1	.0077897	.001919	.0308895	-.001391	.0017217	.002669
#2	.0059695	-.002026	.0306971	.000300	.0017039	-.000592
#3	.0048545	-.003944	.0276380	-.007518	.0039993	-.008606

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004583	.0000790	.0000111	-.009515	.0004343	-.000314
Stddev	.0003568	.0000311	.0000701	.005730	.0002613	.000172
%RSD	77.86216	39.43962	633.3834	60.21575	60.16304	54.58260

#1	.0003483	.0000945	.0000914	-.015802	.0001644	-.000489
#2	.0001694	.0000993	-.000038	-.004587	.0006859	-.000309
#3	.0008572	.0000431	-.000020	-.008157	.0004525	-.000145

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018395	.0107954	.0005392	-.025636	.0002411	F .0139906
Stddev	.0028018	.0113186	.0002861	.014876	.0004186	.0010559
%RSD	152.3191	104.8469	53.06103	58.02893	173.5938	7.547197

#1	-.001364	.0217242	.0005635	-.025613	-.000124	.0149952
#2	.003834	.0115384	.0008123	-.040523	.000698	.0140866
#3	.003048	-.000876	.0002417	-.010771	.000150	.0128900

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2886415	.0011809	.0001004	-.193355	.0036621	-.000526
Stddev	.3247970	.0009675	.0007489	.050554	.0014493	.000482
%RSD	112.5261	81.92402	746.1615	26.14550	39.57693	91.73271

#1	.3093223	.0017344	-.000275	-.250944	.0053232	-.000362
#2	-.046002	.0000638	-.000387	-.172826	.0030078	-.000146
#3	.602604	.0017446	.000963	-.156296	.0026552	-.001068

Sample Name: PB124034BL Acquired: 10/16/2019 16:29:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW034 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000768	.0120203	.0024634	.0011845	.0010049	-.003269
Stddev	.0002067	.0043257	.0041295	.0012889	.0004253	.001743
%RSD	269.2655	35.98681	167.6322	108.8129	42.31983	53.30070
#1	.0002927	.0143936	.0016232	.0010139	.0007425	-.004348
#2	.0000570	.0146398	-.001181	-.000011	.0014955	-.004201
#3	-.000119	.0070274	.006948	.002550	.0007766	-.001259

Elem	Sr4077
Units	ppm
Avg	.0000786
Stddev	.0000614
%RSD	78.10158
#1	.0001494
#2	.0000443
#3	.0000420

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1543.206	2811.321	37868.16	7580.400	3194.371
Stddev	5.497	3.985	72.84	15.847	8.321
%RSD	.3561827	.1417490	.1923399	.2090521	.2605030
#1	1546.258	2811.127	37887.52	7596.637	3187.731
#2	1536.861	2807.436	37787.60	7579.590	3191.677
#3	1546.500	2815.399	37929.36	7564.974	3203.706

Sample Name: K5294-02 Acquired: 10/16/2019 16:41:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBF4K6D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111707	-.000390	.0200473	.0009128	.0006435	-.011643	.3618475
Stddev	.0062080	.002770	.0014331	.0015957	.0007531	.007689	.0007512
%RSD	55.57354	711.0307	7.148560	174.8067	117.0235	66.03806	.2075935

#1	.0056532	-.000838	.0190160	-.000894	.0004402	-.004502	.3626755
#2	.0178926	.002577	.0216837	.001503	.0000130	-.019782	.3616573
#3	.0099663	-.002908	.0194422	.002130	.0014774	-.010644	.3612097

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001738	.0000886	105.6102	.0009045	-.000619	.0005651	15.79556
Stddev	.0000254	.0000483	.1303	.0006589	.000420	.0005614	.11526
%RSD	14.64014	54.51485	.1233441	72.84694	67.90519	99.34725	.7297145

#1	.0002003	.0001163	105.7606	.0013575	-.000188	.0001332	15.89328
#2	.0001496	.0001166	105.5329	.0012073	-.000640	.0011998	15.82495
#3	.0001716	.0000328	105.5372	.0001486	-.001028	.0003624	15.66844

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.191600	45.49204	.0005318	-.000776	51.31446	.0026092	.0048243
Stddev	.007589	.20759	.0001586	.000299	.23397	.0023263	.0013784
%RSD	.3462977	.4563271	29.82633	38.50047	.4559572	89.15701	28.57115

#1	2.197291	45.68223	.0003651	-.000689	51.16911	.0048407	.0039443
#2	2.194527	45.52329	.0005495	-.000530	51.58436	.0027885	.0041158
#3	2.182983	45.27059	.0006808	-.001108	51.18991	.0001985	.0064128

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.141175	1.123275	.0882708	.0017818	20.89079	19.23460	-.004013
Stddev	.045709	.002619	.0014463	.0002725	.04963	.13433	.000978
%RSD	4.005402	.2331432	1.638528	15.29543	.2375659	.6983583	24.37822

#1	1.098384	1.126257	.0870036	.0014678	20.86342	19.25276	-.002890
#2	1.189328	1.122217	.0898465	.0019571	20.86087	19.35892	-.004463
#3	1.135812	1.121350	.0879623	.0019204	20.94807	19.09212	-.004684

Sample Name: K5294-02 Acquired: 10/16/2019 16:41:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBF4K6D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002234	-.010469	.7378691
Stddev	.000614	.003071	.0012535
%RSD	27.48160	29.33077	.1698853

#1	-.001971	-.011684	.7386575
#2	-.002935	-.006977	.7364236
#3	-.001795	-.012746	.7385262

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1539.327	2796.773	37845.67	7637.542	3136.083
Stddev	5.564	3.750	147.12	36.903	4.989
%RSD	.3614721	.1340729	.3887411	.4831737	.1590793

#1	1544.300	2800.341	37845.00	7640.261	3135.649
#2	1540.364	2797.112	37993.12	7599.356	3141.274
#3	1533.317	2792.865	37698.88	7673.011	3131.325

Sample Name: K5294-01 Acquired: 10/16/2019 16:37:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBF4K6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080549	.0002571	.0205961	.0046688	.0024281	-.017855	.3612734
Stddev	.0036956	.0029681	.0016475	.0008339	.0008055	.005498	.0012833
%RSD	45.88088	1154.326	7.998959	17.86081	33.17500	30.79076	.3552094

#1	.0045997	.0009269	.0220609	.0045894	.0030590	-.018157	.3604147
#2	.0076136	-.002989	.0188125	.0055395	.0015208	-.023195	.3606568
#3	.0119513	.002833	.0209148	.0038775	.0027046	-.012212	.3627486

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002296	.0000773	105.7856	.0003660	-.000369	-.000174	15.82938
Stddev	.0000686	.0000436	.2796	.0000592	.000171	.000786	.10068
%RSD	29.86812	56.46578	.2643244	16.15993	46.27827	451.5440	.6360033

#1	.0001566	.0000918	105.6271	.0004026	-.000454	-.000839	15.74533
#2	.0002394	.0001118	105.6213	.0003977	-.000172	-.000376	15.80185
#3	.0002927	.0000282	106.1085	.0002978	-.000481	.000693	15.94095

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.191269	45.46944	.0007040	-.000697	51.30686	-.000105	.0049380
Stddev	.007825	.23529	.0003577	.000164	.42644	.001863	.0013757
%RSD	.3571014	.5174705	50.81142	23.47259	.8311516	1766.018	27.85903

#1	2.186568	45.34939	.0007233	-.000831	50.83814	-.000644	.0059237
#2	2.186936	45.31838	.0003370	-.000747	51.67190	.001967	.0055239
#3	2.200302	45.74054	.0010516	-.000515	51.41054	-.001640	.0033664

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.121261	1.125723	.0892650	.0017238	20.87806	19.45331	-.003671
Stddev	.032878	.008567	.0019481	.0002952	.02438	.23829	.000920
%RSD	2.932252	.7610575	2.182338	17.12286	.1167914	1.224940	25.07309

#1	1.133410	1.134291	.0878265	.0014692	20.87487	19.42970	-.003958
#2	1.084037	1.117156	.0884865	.0020474	20.90388	19.22770	-.004414
#3	1.146335	1.125722	.0914819	.0016549	20.85542	19.70253	-.002641

Sample Name: K5294-01 Acquired: 10/16/2019 16:37:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBF4K6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001461	-.008672	.7390846
Stddev	.001037	.000477	.0013055
%RSD	71.02837	5.501492	.1766427

#1	-.002550	-.008125	.7382997
#2	-.001347	-.008892	.7405917
#3	-.000485	-.009000	.7383625

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1560.746	2804.982	38358.38	7632.230	3142.220
Stddev	12.528	6.065	231.44	38.933	7.855
%RSD	.8027114	.2162345	.6033636	.5101184	.2499681

#1	1562.788	2810.397	38517.33	7646.540	3146.935
#2	1547.322	2806.122	38092.85	7661.983	3146.573
#3	1572.127	2798.428	38464.94	7588.166	3133.153

Sample Name: K5294-03 Acquired: 10/16/2019 16:45:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBF4K6S Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0521286	.0552667	.0378380	.0123611	.1186366	1.948664	2.580362
Stddev	.0050443	.0042081	.0012856	.0036966	.0003992	.020126	.014569
%RSD	9.676571	7.614260	3.397634	29.90515	.3364480	1.032823	.5646078

#1	.0569719	.0507418	.0385848	.0092349	.1188805	1.962465	2.591451
#2	.0525089	.0559955	.0385757	.0114073	.1181760	1.957957	2.585773
#3	.0469049	.0590630	.0363535	.0164412	.1188534	1.925571	2.563862

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0540076	.0536720	105.0047	.2353581	.5031416	.2193182	16.81332
Stddev	.0002778	.0002112	.5931	.0002592	.0013977	.0029076	.15008
%RSD	.5143380	.3935733	.5648468	.1101124	.2777843	1.325767	.8926152

#1	.0539063	.0536575	105.4326	.2352897	.5025576	.2209229	16.94558
#2	.0543218	.0534683	105.2539	.2356446	.5021306	.2210699	16.84417
#3	.0537947	.0538901	104.3276	.2351400	.5047365	.2159618	16.65022

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.700337	45.21712	.5435242	.0529556	50.65524	.5385767	.5359966
Stddev	.016878	.52067	.0020708	.0003237	.10005	.0030025	.0035771
%RSD	.6250444	1.151495	.3809982	.6111830	.1975047	.5574902	.6673772

#1	2.716093	45.57501	.5447800	.0527053	50.60558	.5393297	.5400170
#2	2.702393	45.45655	.5411340	.0528403	50.77040	.5411310	.5331661
#3	2.682525	44.61980	.5446584	.0533211	50.58974	.5352693	.5348067

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.093070	1.120762	.0887076	.0017754	20.83702	19.21093	-.003375
Stddev	.038862	.003477	.0010305	.0003309	.04064	.10368	.001318
%RSD	3.555292	.3101930	1.161692	18.63844	.1950433	.5396712	39.04842

#1	1.114647	1.117445	.0887691	.0021566	20.87796	19.20291	-.003434
#2	1.048207	1.120463	.0897060	.0016072	20.79668	19.31838	-.002028
#3	1.116356	1.124378	.0876477	.0015623	20.83642	19.11149	-.004661

Sample Name: K5294-03 Acquired: 10/16/2019 16:45:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBF4K6S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002851	-.009296	.7341500
Stddev	.000783	.000600	.0006551
%RSD	27.47975	6.451479	.0892345

#1	-.002700	-.009988	.7337203
#2	-.002154	-.008925	.7349040
#3	-.003699	-.008975	.7338256

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1536.911	2792.573	37922.75	7637.521	3133.299
Stddev	8.272	9.074	338.08	40.511	9.100
%RSD	.5381915	.3249229	.8914849	.5304187	.2904321

#1	1532.433	2795.930	37931.44	7609.818	3135.165
#2	1546.456	2799.491	38256.40	7618.730	3141.321
#3	1531.843	2782.300	37580.41	7684.015	3123.410

Sample Name: K5294-01LX5 Acquired: 10/16/2019 16:49:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBF4K6L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019852	-.003432	.0216898	.0008972	.0035472	-.004728	.0714494
Stddev	.0030925	.003112	.0033207	.0026865	.0005713	.003061	.0031008
%RSD	155.7796	90.67470	15.31016	299.4211	16.10429	64.74703	4.339800

#1	.0051688	.000100	.0253996	.0014015	.0038377	-.006590	.0732977
#2	-.001007	-.004627	.0189950	.0032959	.0039149	-.006399	.0678696
#3	.001794	-.005768	.0206748	-.002006	.0028891	-.001195	.0731810

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001122	.0000562	20.70800	.0004614	-.001054	-.000345	3.110700
Stddev	.0000246	.0000298	.81235	.0005227	.000297	.001540	.131766
%RSD	21.88426	53.03614	3.922897	113.2852	28.14128	446.4302	4.235881

#1	.0001062	.0000372	21.17869	.0010648	-.000902	.000735	3.173409
#2	.0001393	.0000409	19.76997	.0001506	-.001396	.000339	2.959292
#3	.0000913	.0000906	21.17532	.0001687	-.000864	-.002109	3.199399

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4335521	8.858069	.0003155	.0005103	10.02335	-.000987	.0013301
Stddev	.0170632	.416180	.0003510	.0001497	.44929	.001334	.0023564
%RSD	3.935672	4.698310	111.2511	29.34042	4.482485	135.2349	177.1623

#1	.4430143	9.064539	-.000004	.0006025	10.03463	-.001476	.0011883
#2	.4138543	8.379025	.000691	.0005909	9.56852	.000523	-.000952
#3	.4437878	9.130645	.000260	.0003376	10.46689	-.002007	.003754

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0673002	.2193255	.0169459	-.000029	4.052996	3.777141	-.001794
Stddev	.0353703	.0044836	.0012123	.000349	.005447	.122687	.001104
%RSD	52.55599	2.044284	7.153766	1207.771	.1343857	3.248137	61.56705

#1	.0523762	.2166408	.0177562	.000330	4.047630	3.846458	-.002987
#2	.0418378	.2245016	.0155522	-.000049	4.058520	3.635485	-.000809
#3	.1076865	.2168342	.0175292	-.000368	4.052839	3.849479	-.001584

Sample Name: K5294-01LX5 Acquired: 10/16/2019 16:49:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBF4K6L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000517	-.005222	.1439297
Stddev	.000440	.002455	.0051049
%RSD	85.10833	47.01078	3.546790

#1	-.001025	-.002709	.1471681
#2	-.000238	-.005343	.1380451
#3	-.000289	-.007614	.1465761

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1536.770	2788.335	37638.22	7734.581	3189.156
Stddev	1.526	3.333	136.52	260.741	1.894
%RSD	.0993041	.1195478	.3627273	3.371111	.0593776

#1	1537.700	2790.297	37658.41	7587.834	3191.245
#2	1537.602	2784.486	37492.73	8035.628	3187.552
#3	1535.009	2790.221	37763.52	7580.282	3188.671

Sample Name: K5381-03 Acquired: 10/16/2019 16:53:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GL1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0365534	.0042828	.1270945	-.010436	.0034243	74.56607	1.620012
Stddev	.0009806	.0006954	.0013499	.003491	.0017033	.28663	.003020
%RSD	2.682611	16.23690	1.062148	33.45154	49.74106	.3844003	.1864018

#1	.0355085	.0039848	.1256986	-.014453	.0015779	74.52756	1.617139
#2	.0366980	.0037859	.1271917	-.008711	.0037608	74.87001	1.623159
#3	.0374536	.0050775	.1283932	-.008143	.0049342	74.30065	1.619739

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080783	.0016974	33.15369	.0826395	.0466247	.0946918	107.8137
Stddev	.0001270	.0000573	.04382	.0002707	.0001994	.0007141	.4239
%RSD	1.571783	3.378164	.1321629	.3275507	.4277229	.7540942	.3931606

#1	.0080329	.0017489	33.10623	.0824067	.0465771	.0954973	107.8655
#2	.0079802	.0016356	33.16224	.0829365	.0464534	.0941368	108.2093
#3	.0082217	.0017075	33.19261	.0825752	.0468437	.0944411	107.3663

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.028713	28.62733	.0680284	-.002971	.9750960	.2066272	.2844829
Stddev	.010602	.08961	.0002986	.000333	.3248096	.0010288	.0022704
%RSD	.2108307	.3130195	.4389025	11.20196	33.31052	.4979088	.7980725

#1	5.028917	28.65201	.0682598	-.002935	.8056981	.2054475	.2853590
#2	5.039211	28.70201	.0676913	-.002658	1.349587	.2070958	.2819050
#3	5.018010	28.52796	.0681340	-.003321	.770003	.2073383	.2861847

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.67881	4.895562	.0520128	.0008680	.7310499	3.692089	.0028122
Stddev	.09493	.008787	.0023688	.0002649	.0062563	.029066	.0020158
%RSD	.4009147	.1794846	4.554213	30.51784	.8557965	.7872501	71.68029

#1	23.64458	4.902011	.0544949	.0010800	.7280240	3.670707	.0047517
#2	23.78611	4.885554	.0497765	.0009528	.7382439	3.725184	.0029572
#3	23.60574	4.899121	.0517669	.0005711	.7268819	3.680376	.0007279

Sample Name: K5381-03 Acquired: 10/16/2019 16:53:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GL1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.638225	.0821220	.1997837
Stddev	.013212	.0011377	.0005540
%RSD	.5008065	1.385370	.2773212

#1	2.630853	.0831488	.1994058
#2	2.630343	.0808989	.1995257
#3	2.653478	.0823183	.2004197

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1760.730	3179.967	43477.38	8791.292	3070.592
Stddev	12.756	4.036	194.78	19.169	6.010
%RSD	.7244698	.1269139	.4479952	.2180490	.1957323

#1	1749.696	3177.794	43253.21	8791.546	3074.487
#2	1774.697	3184.623	43605.15	8771.997	3073.618
#3	1757.798	3177.483	43573.80	8810.333	3063.670

Sample Name: K5381-04 Acquired: 10/16/2019 16:57:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GL2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0345964	.0012309	.1169209	-.004559	.0016220	98.17053	2.699640
Stddev	.0032934	.0002970	.0020738	.002488	.0008259	.99323	.016928
%RSD	9.519444	24.12632	1.773680	54.57644	50.91747	1.011735	.6270446

#1	.0352764	.0008886	.1145984	-.006048	.0007429	98.22911	2.700184
#2	.0374967	.0014198	.1175771	-.005944	.0023817	97.14931	2.682447
#3	.0310161	.0013843	.1185872	-.001687	.0017415	99.13317	2.716290

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0135058	.0011649	64.59901	.1138656	.0520101	.0799257	108.7355
Stddev	.0000138	.0000822	.23085	.0003888	.0005573	.0006005	.9079
%RSD	.1023168	7.055988	.3573543	.3414639	1.071468	.7512747	.8349884

#1	.0134904	.0011156	64.54264	.1141868	.0516290	.0799324	108.8538
#2	.0135101	.0011192	64.40157	.1134334	.0526497	.0793219	107.7742
#3	.0135170	.0012598	64.85282	.1139768	.0517516	.0805227	109.5785

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.456904	50.79254	.0894481	-.004088	4.139521	.1933367	.3724597
Stddev	.023492	.37679	.0008251	.000211	.267385	.0017267	.0041551
%RSD	.6795551	.7418146	.9224495	5.159200	6.459320	.8931056	1.115597

#1	3.458841	50.71391	.0900404	-.004238	4.153994	.1917418	.3725750
#2	3.432504	50.46126	.0897983	-.003847	3.865194	.1930978	.3682481
#3	3.479367	51.20243	.0885057	-.004178	4.399376	.1951704	.3765560

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.79200	4.358498	.0502947	.0001454	.9625738	2.586112	-.000111
Stddev	.37182	.015861	.0008987	.0004295	.0045922	.015460	.001442
%RSD	1.337861	.3639189	1.786889	295.4661	.4770724	.5978028	1302.588

#1	27.86099	4.343879	.0509773	-.000013	.9669224	2.570778	-.001347
#2	27.39052	4.375362	.0506303	.000632	.9577717	2.585862	.001474
#3	28.12449	4.356254	.0492765	-.000182	.9630273	2.601695	-.000459

Sample Name: K5381-04 Acquired: 10/16/2019 16:57:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GL2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.488878	.1466995	.3102080
Stddev	.028892	.0010493	.0005512
%RSD	.6436429	.7152902	.1776800

#1	4.466241	.1479105	.3095902
#2	4.521421	.1460604	.3106492
#3	4.478973	.1461275	.3103847

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1672.798	3034.976	41155.86	8487.380	3006.499
Stddev	6.192	2.096	162.66	39.100	10.481
%RSD	.3701672	.0690562	.3952403	.4606842	.3486017

#1	1679.600	3032.573	41087.58	8506.621	3004.565
#2	1671.306	3035.927	41341.54	8513.132	2997.120
#3	1667.489	3036.427	41038.47	8442.388	3017.812

Sample Name: K5381-06 Acquired: 10/16/2019 17:05:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GL4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0387006	-.002121	.0596523	-.000656	.0038851	10.32330	.5938664
Stddev	.0012476	.002659	.0016805	.005647	.0008300	.06821	.0021298
%RSD	3.223616	125.3443	2.817132	860.8634	21.36300	.6607414	.3586360

#1	.0396851	-.004657	.0609133	.000146	.0048398	10.25353	.5919366
#2	.0391191	.000645	.0577445	.004547	.0034799	10.32652	.5935110
#3	.0372976	-.002352	.0602991	-.006661	.0033355	10.38984	.5961515

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083408	.0001053	18.71228	.0040594	.0038776	.2037674	9.258577
Stddev	.0000987	.0000090	.10598	.0002746	.0002583	.0021890	.078453
%RSD	1.183615	8.538835	.5663651	6.764381	6.661707	1.074282	.8473509

#1	.0082472	.0000960	18.63402	.0043301	.0037739	.2014481	9.191060
#2	.0084440	.0001061	18.66993	.0037810	.0041716	.2057974	9.240030
#3	.0083313	.0001139	18.83288	.0040671	.0036872	.2040567	9.344641

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.688993	4.566123	.0027954	-.003527	.3161318	.0250048	.0185859
Stddev	.007677	.023909	.0005456	.000059	.0995100	.0005865	.0023234
%RSD	.4545026	.5236132	19.51895	1.668401	31.47736	2.345383	12.50085

#1	1.684543	4.542393	.0021829	-.003582	.3281608	.0249559	.0212402
#2	1.684579	4.565769	.0032295	-.003534	.4090805	.0256141	.0175967
#3	1.697857	4.590207	.0029738	-.003465	.2111542	.0244443	.0169208

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1623038	.4570418	.0026929	.0022082	.0145950	1.062911	.0021903
Stddev	.0429223	.0030414	.0000549	.0002246	.0032018	.021279	.0009446
%RSD	26.44566	.6654432	2.039777	10.17204	21.93734	2.001961	43.12848

#1	.1127443	.4582217	.0027153	.0023444	.0148964	1.042993	.0018586
#2	.1875558	.4535873	.0026304	.0023313	.0176355	1.060411	.0032560
#3	.1866111	.4593164	.0027332	.0019490	.0112532	1.085330	.0014562

Sample Name: K5381-06 Acquired: 10/16/2019 17:05:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GL4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0235533	-.002313	.1492315
Stddev	.0005218	.002148	.0006169
%RSD	2.215391	92.86209	.4134006

#1	.0230757	-.000795	.1499221
#2	.0241102	-.004772	.1487349
#3	.0234741	-.001374	.1490374

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1659.346	3005.446	40782.89	8194.182	3207.418
Stddev	11.891	4.892	103.82	22.367	3.285
%RSD	.7165946	.1627760	.2545615	.2729641	.1024308

#1	1659.530	3010.757	40693.49	8187.841	3210.127
#2	1647.364	3001.124	40758.42	8219.036	3203.763
#3	1671.144	3004.458	40896.76	8175.671	3208.364

Sample Name: K5381-05 Acquired: 10/16/2019 17:01:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GL3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1047116	.0002894	1.452532	-.006628	.0113062	15.91189	.1376282
Stddev	.0040316	.0029773	.001504	.001510	.0019233	.16697	.0004685
%RSD	3.850152	1028.659	.1035473	22.78356	17.01072	1.049364	.3404074

#1	.1069286	-.000301	1.451363	-.007510	.0098416	15.72186	.1371764
#2	.1000581	-.002348	1.452003	-.004884	.0105928	16.03516	.1381118
#3	.1071481	.003518	1.454229	-.007490	.0134843	15.97863	.1375965

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054208	.0023630	32.03850	.0041519	.0089989	1.524183	40.69806
Stddev	.0000805	.0000511	.14878	.0001208	.0002315	.021682	.24028
%RSD	1.484429	2.160898	.4643769	2.908739	2.573133	1.422527	.5903872

#1	.0054083	.0023043	31.87696	.0042007	.0087593	1.499643	40.45488
#2	.0055069	.0023881	32.16990	.0040143	.0092214	1.540751	40.93532
#3	.0053474	.0023968	32.06865	.0042406	.0090159	1.532154	40.70399

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.089969	3.558228	.0146666	.0098428	.6129894	.0432099	.5060848
Stddev	.003891	.015864	.0005007	.0001030	.1136397	.0009664	.0039465
%RSD	.3570109	.4458281	3.413673	1.046064	18.53861	2.236527	.7798163

#1	1.086893	3.540142	.0147263	.0098237	.5783460	.0427586	.5022982
#2	1.094343	3.569787	.0151348	.0097507	.7399189	.0425517	.5101738
#3	1.088670	3.564754	.0141388	.0099540	.5207034	.0443194	.5057822

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.598246	1.070927	.0145437	.0041645	.3355396	1.580522	.1069199
Stddev	.025167	.003217	.0002835	.0003479	.0026735	.020040	.0010505
%RSD	1.574640	.3003844	1.949087	8.354025	.7967836	1.267927	.9824627

#1	1.592560	1.073406	.0146770	.0039398	.3371537	1.595924	.1075031
#2	1.576409	1.067292	.0142181	.0045653	.3370114	1.587778	.1057072
#3	1.625769	1.072082	.0147359	.0039885	.3324535	1.557865	.1075494

Sample Name: K5381-05 Acquired: 10/16/2019 17:01:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GL3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0634403	.0016263	.0632336
Stddev	.0011221	.0006321	.0001642
%RSD	1.768704	38.86652	.2596934

#1	.0646199	.0013471	.0633775
#2	.0633144	.0011819	.0630547
#3	.0623864	.0023499	.0632685

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1971.240	3569.452	48528.12	9798.358	3192.196
Stddev	13.656	7.393	313.19	75.589	7.563
%RSD	.6927735	.2071138	.6453859	.7714470	.2369356

#1	1985.478	3561.005	48857.39	9879.711	3183.466
#2	1969.989	3572.610	48493.01	9730.296	3196.790
#3	1958.252	3574.742	48233.96	9785.067	3196.331

Sample Name: K5381-08 Acquired: 10/16/2019 17:14:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GL6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1190540	.0012794	3.236252	-.004042	.0047406	15.66852	.5924082
Stddev	.0034681	.0030590	.003914	.000165	.0011055	.06802	.0005765
%RSD	2.913024	239.0982	.1209540	4.090224	23.31981	.4341357	.0973062

#1	.1161195	-.001919	3.231947	-.004026	.0036059	15.74009	.5929842
#2	.1181613	.004177	3.237213	-.003884	.0058143	15.60471	.5918313
#3	.1228811	.001580	3.239597	-.004214	.0048016	15.66077	.5924092

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046130	.0152475	28.05430	.0224227	.0084859	.2596038	27.59157
Stddev	.0000777	.0001362	.10369	.0002990	.0001879	.0007619	.03661
%RSD	1.684755	.8931989	.3696121	1.333699	2.213686	.2934660	.1326787

#1	.0046603	.0153829	28.07672	.0227528	.0082747	.2604248	27.62024
#2	.0045233	.0152490	27.94123	.0221699	.0086343	.2589196	27.55034
#3	.0046554	.0151105	28.14495	.0223453	.0085487	.2594671	27.60414

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.449473	4.842374	.0134699	.0192559	.7188592	.0611282	1.606196
Stddev	.021115	.049242	.0002600	.0001753	.1387213	.0025348	.002823
%RSD	.4745518	1.016891	1.930182	.9105463	19.29743	4.146632	.1757853

#1	4.464388	4.893362	.0137152	.0190620	.8790341	.0637957	1.609422
#2	4.425312	4.795088	.0131973	.0194034	.6375056	.0608377	1.604995
#3	4.458718	4.838672	.0134971	.0193023	.6400379	.0587512	1.604172

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.322131	1.246803	.0123560	.0127208	.5427873	1.492544	.0149465
Stddev	.072159	.007166	.0008287	.0002442	.0134766	.006954	.0010081
%RSD	3.107463	.5747441	6.706629	1.920043	2.482844	.4658833	6.744805

#1	2.404159	1.238536	.0120753	.0126688	.5470949	1.493093	.0144198
#2	2.293789	1.250642	.0132885	.0125067	.5535835	1.485331	.0143109
#3	2.268446	1.251232	.0117041	.0129868	.5276836	1.499206	.0161089

Sample Name: K5381-08 Acquired: 10/16/2019 17:14:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GL6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0894014	.0053139	.1010527
Stddev	.0007154	.0004218	.0002876
%RSD	.8002492	7.937572	.2845987

#1	.0902153	.0057999	.1007962
#2	.0888718	.0050434	.1009982
#3	.0891172	.0050984	.1013636

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2040.251	3720.101	50626.40	10115.85	3180.413
Stddev	12.574	3.964	178.13	16.24	1.575
%RSD	.6162736	.1065516	.3518604	.1605862	.0495292

#1	2033.347	3718.328	50420.81	10108.59	3180.392
#2	2032.644	3724.642	50723.76	10134.46	3181.999
#3	2054.765	3717.333	50734.64	10104.50	3178.848

Sample Name: K5381-07 Acquired: 10/16/2019 17:10:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GL5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0497762	.0049099	.1156474	-.005740	.0034596	59.24822	1.136024
Stddev	.0012539	.0027408	.0008626	.003987	.0007914	.17333	.001420
%RSD	2.519050	55.82225	.7458708	69.46509	22.87638	.2925493	.1250049

#1	.0508589	.0080140	.1162523	-.002147	.0042908	59.05770	1.134632
#2	.0500674	.0038927	.1160302	-.005042	.0033731	59.29038	1.137471
#3	.0484023	.0028232	.1146596	-.010029	.0027150	59.39658	1.135969

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066944	.0018203	21.08090	.0604285	.0458706	.0936161	100.0726
Stddev	.0000734	.0000501	.05970	.0002918	.0001778	.0016942	.2216
%RSD	1.097155	2.750440	.2831997	.4828225	.3876990	1.809683	.2214347

#1	.0066186	.0018672	21.14973	.0607470	.0460625	.0932827	99.8316
#2	.0067653	.0018261	21.04322	.0603644	.0457114	.0921134	100.1186
#3	.0066994	.0017676	21.04974	.0601742	.0458378	.0954521	100.2675

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.351494	17.86448	.0571820	-.003171	.5241390	.2089857	.2577210
Stddev	.005021	.04854	.0005739	.000306	.2519888	.0014709	.0017929
%RSD	.0536884	.2717325	1.003571	9.643513	48.07672	.7038485	.6956705

#1	9.357110	17.81058	.0575020	-.003033	.5779939	.2078995	.2561646
#2	9.347441	17.87812	.0565195	-.003522	.2495765	.2083979	.2573170
#3	9.349931	17.90475	.0575245	-.002959	.7448466	.2106597	.2596814

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.68146	2.834525	.0617897	.0071223	.6534882	2.921453	.0060658
Stddev	.06482	.005625	.0020310	.0002614	.0083916	.031421	.0015283
%RSD	.4415026	.1984600	3.286923	3.670079	1.284126	1.075515	25.19444

#1	14.62809	2.836239	.0596228	.0069660	.6621254	2.913219	.0076885
#2	14.66271	2.828241	.0636498	.0069768	.6453659	2.894969	.0046539
#3	14.75359	2.839093	.0620965	.0074240	.6529734	2.956170	.0058550

Sample Name: K5381-07 Acquired: 10/16/2019 17:10:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GL5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.400408	.0698843	.1874067
Stddev	.008104	.0005663	.0010911
%RSD	.5787192	.8103829	.5822221

#1	1.409578	.0699573	.1886663
#2	1.394208	.0692851	.1868027
#3	1.397437	.0704107	.1867511

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1774.983	3238.059	43733.68	8959.647	3100.488
Stddev	1.714	1.404	147.62	32.388	.454
%RSD	.0965717	.0433657	.3375376	.3614861	.0146345

#1	1774.559	3236.463	43570.04	8972.748	3100.172
#2	1776.869	3238.611	43856.81	8983.432	3100.284
#3	1773.520	3239.104	43774.20	8922.760	3101.008

Sample Name: K5382-20DL2X2 Acquired: 10/16/2019 17:18:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GO8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	kF 27.43556	k -.098272	F 262.7674	k .4472807	k .2485577	k 17.61544
Stddev	.01811	.002911	.4949	.0070409	.0036579	.10703
%RSD	.0660082	2.961856	.1883266	1.574150	1.471658	.6076021

#1	k 27.43488	k -.095842	262.2515	k .4412147	k .2453979	k 17.49715
#2	k 27.41779	k -.097476	262.8127	k .4550016	k .2525650	k 17.64359
#3	k 27.45399	k -.101498	263.2381	k .4456256	k .2477103	k 17.70559

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0547646	.0142288	k .0375029	^ *****	k .1461631	.0077892
Stddev	.0001621	.0001364	.0001904	-----	.0006552	.0001099
%RSD	.2960111	.9587262	.5078194	-----	.4482940	1.410427

#1	.0548352	.0142981	k .0372948	^ -----	k .1455114	.0078979
#2	.0548794	.0140716	k .0375453	^ -----	k .1468218	.0076783
#3	.0545792	.0143166	k .0376685	^ -----	k .1461561	.0077915

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 4.598096	k 358.2200	8.298071	.6731486	-.005873	k 1.481369
Stddev	.020332	.6672	.016031	.0122880	.001118	.001736
%RSD	.4421833	.1862603	.1931931	1.825456	19.03164	.1172185

#1	k 4.574702	k 357.6102	8.285771	.6596599	-.006977	k 1.482943
#2	k 4.608091	k 358.1173	8.292241	.6760801	-.004742	k 1.481658
#3	k 4.611497	k 358.9327	8.316202	.6837057	-.005899	k 1.479506

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 3.557601	k 4.367527	k 14.77900	21.48293	kF 23.77372	k -.733629
Stddev	.198534	.021440	.06142	.13471	.09020	.004797
%RSD	5.580552	.4909014	.4155695	.6270562	.3794289	.6538826

#1	k 3.707873	k 4.346269	k 14.83892	21.38069	k 23.68619	k -.728279
#2	k 3.632398	k 4.367168	k 14.71619	21.63558	k 23.76858	k -.737548
#3	k 3.332534	k 4.389145	k 14.78188	21.43253	k 23.86638	k -.735059

Sample Name: K5382-20DL2X2 Acquired: 10/16/2019 17:18:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GO8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.852163	95.80839	1.639506	.0061115	.0811220	.0160653
Stddev	.002169	.28813	.021466	.0013268	.0008081	.0008446
%RSD	.0760636	.3007343	1.309314	21.70988	.9960878	5.257182

#1	2.854355	95.56784	1.632302	.0070321	.0815273	.0150921
#2	2.850017	95.72961	1.622568	.0045906	.0801915	.0164971
#3	2.852117	96.12771	1.663648	.0067117	.0816472	.0166066

Elem	Sr4077
Units	ppm
Avg	.4847676
Stddev	.0004430
%RSD	.0913855

#1	.4850006
#2	.4842567
#3	.4850454

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1651.825	2990.953	41170.94	8302.370	3101.887
Stddev	7.384	4.259	225.68	19.986	5.777
%RSD	.4470066	.1423827	.5481531	.2407309	.1862531

#1	1643.778	2987.049	40969.54	8325.028	3105.670
#2	1653.407	2995.494	41128.43	8287.244	3104.755
#3	1658.289	2990.314	41414.85	8294.839	3095.237

Sample Name: CCV016 Acquired: 10/16/2019 17:22:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV016 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.993278	4.813122	24.28115	4.687042	5.199403	389.2305	10.39576
Stddev	.012690	.002482	.03078	.011486	.008785	3.7895	.03432
%RSD	.2541476	.0515626	.1267686	.2450549	.1689711	.9735911	.3301820

#1	4.985694	4.811748	24.24564	4.676365	5.193974	388.9285	10.42935
#2	5.007929	4.811630	24.30023	4.685568	5.194695	393.1620	10.36075
#3	4.986212	4.815987	24.29757	4.699194	5.209539	385.6010	10.39719

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4863208	2.505385	398.3899	16.02534	2.446433	14.87849	410.3590
Stddev	.0036629	.004739	.7095	.02850	.001174	.06908	1.0939
%RSD	.7531945	.1891575	.1780855	.1778196	.0479751	.4643064	.2665695

#1	.4879399	2.500454	398.3393	16.05760	2.445290	14.94150	411.0679
#2	.4821273	2.505794	397.7072	16.01485	2.447635	14.80462	409.0992
#3	.4888952	2.509906	399.1234	16.00358	2.446375	14.88937	410.9099

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.51066	401.7729	2.603686	1.276370	405.2509	2.455520	14.74444
Stddev	.02241	1.1608	.007909	.004088	1.7534	.009774	.07814
%RSD	.1544563	.2889244	.3037497	.3202680	.4326620	.3980335	.5299434

#1	14.52397	402.5641	2.594609	1.278025	406.7741	2.460722	14.71911
#2	14.48478	400.4403	2.607361	1.271714	403.3343	2.444245	14.83211
#3	14.52322	402.3142	2.609089	1.279371	405.6444	2.461592	14.68212

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.7929	5.153056	4.827319	5.085763	5.286543	4.810914	5.063791
Stddev	.9248	.012618	.036273	.015428	.014807	.034910	.007527
%RSD	.6092314	.2448571	.7514104	.3033478	.2800817	.7256414	.1486444

#1	152.6058	5.153491	4.841754	5.073300	5.275142	4.815906	5.055375
#2	150.7868	5.165451	4.786051	5.080972	5.303277	4.773777	5.066119
#3	151.9861	5.140227	4.854153	5.103018	5.281210	4.843059	5.069879

Sample Name: CCV016 Acquired: 10/16/2019 17:22:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV016 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.952176	5.055342	4.776314
Stddev	.015030	.006889	.015725
%RSD	.3035081	.1362623	.3292242

#1	4.934869	5.054825	4.783460
#2	4.961951	5.048727	4.758285
#3	4.959709	5.062475	4.787197

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1299.548	2398.491	33977.12	7238.183	2511.567
Stddev	4.671	5.456	95.89	29.635	3.196
%RSD	.3594674	.2274582	.2822175	.4094207	.1272433

#1	1300.930	2403.931	33944.60	7229.564	2515.019
#2	1294.341	2398.523	33901.71	7271.171	2508.712
#3	1303.372	2393.020	34085.04	7213.813	2510.972

Sample Name: K5382-20DLX5 Acquired: 10/16/2019 17:38:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GO8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.16529	.0215134	F 110.9805	.2168949	.1145606	7.817199
Stddev	.05869	.0025999	.1249	.0037917	.0016502	.105382
%RSD	.4824749	12.08493	.1125034	1.748175	1.440441	1.348083

#1	12.14263	.0216629	110.8363	.2126043	.1148830	7.753767
#2	12.12130	.0240352	111.0523	.2182852	.1127730	7.938847
#3	12.23193	.0188419	111.0528	.2197952	.1160258	7.758983

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0245736	.0064037	.0115291	.2111388	.0492143	.0033169
Stddev	.0002149	.0001087	.0001773	.0376256	.0001092	.0003517
%RSD	.8744509	1.697400	1.538167	17.82030	.2218807	10.60279

#1	.0245792	.0062782	.0116953	.2527186	.0493398	.0029249
#2	.0247856	.0064649	.0113424	.2012587	.0491618	.0034209
#3	.0243559	.0064681	.0115494	.1794391	.0491412	.0036048

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.064311	159.8241	3.693264	.3051258	-.002676	.6447683
Stddev	.024775	1.3181	.021860	.0027355	.000192	.0036817
%RSD	1.200172	.8247390	.5918932	.8965053	7.188839	.5710134

#1	2.051514	158.8847	3.681351	.3019842	-.002527	.6488875
#2	2.092868	161.3309	3.718493	.3069798	-.002608	.6436191
#3	2.048551	159.2566	3.679947	.3064135	-.002893	.6417983

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.136294	1.941376	6.479210	9.328613	F 10.02015	.0565906
Stddev	.201970	.019560	.053218	.051962	.04454	.0030307
%RSD	17.77444	1.007555	.8213595	.5570126	.4444839	5.355562

#1	1.140299	1.925709	6.441468	9.289892	9.97722	.0535937
#2	1.336231	1.963299	6.540078	9.387666	10.01710	.0596541
#3	.932351	1.935119	6.456084	9.308280	10.06614	.0565240

Sample Name: K5382-20DLX5 Acquired: 10/16/2019 17:38:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GO8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.264737	40.10800	.6938523	.0020979	.0356844	.0060345
Stddev	.005237	.10393	.0194871	.0017667	.0016213	.0016633
%RSD	.4140762	.2591353	2.808535	84.20984	4.543490	27.56212

#1	1.265711	40.03582	.6880282	.0007997	.0375082	.0042353
#2	1.259082	40.06105	.6779413	.0013843	.0351385	.0063525
#3	1.269419	40.22712	.7155874	.0041098	.0344064	.0075159

Elem	Sr4077
Units	ppm
Avg	.2111865
Stddev	.0006397
%RSD	.3029127

#1	.2119249
#2	.2108016
#3	.2108329

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1587.771	2847.913	39305.38	7852.994	3136.790
Stddev	10.230	10.479	346.58	53.756	4.470
%RSD	.6443068	.3679651	.8817600	.6845301	.1424978

#1	1584.370	2840.165	38983.17	7835.024	3132.476
#2	1579.674	2859.836	39260.93	7810.525	3141.401
#3	1599.268	2843.737	39672.04	7913.433	3136.493

Sample Name: K5381-10 Acquired: 10/16/2019 17:34:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GL8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0644940	.0027538	.1517816	-.013998	.0005959	99.47366	2.128271
Stddev	.0017159	.0053824	.0017015	.003304	.0009359	.33896	.004219
%RSD	2.660632	195.4544	1.121046	23.60569	157.0592	.3407495	.1982187

#1	.0625466	.0056736	.1499020	-.017210	.0001645	99.12344	2.124777
#2	.0657844	.0060453	.1532170	-.014176	.0016697	99.80009	2.132958
#3	.0651510	-.003458	.1522259	-.010608	-.000047	99.49746	2.127079

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101155	.0023124	38.24084	.0947050	.0645364	.1570717	142.7412
Stddev	.0000739	.0001573	.06346	.0006002	.0002126	.0014347	.6682
%RSD	.7307023	6.801409	.1659563	.6337097	.3294135	.9133767	.4681053

#1	.0101967	.0024921	38.30780	.0952139	.0643436	.1587049	142.0312
#2	.0100522	.0022451	38.18158	.0948578	.0645012	.1560150	143.3578
#3	.0100974	.0022000	38.23315	.0940432	.0647643	.1564952	142.8346

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.500515	41.27633	.1239087	-.003342	1.127840	.2433086	.3776549
Stddev	.008898	.30039	.0003660	.000156	.150267	.0018112	.0034358
%RSD	.1977198	.7277566	.2953628	4.680473	13.32342	.7443875	.9097685

#1	4.491692	40.97836	.1236541	-.003467	1.090582	.2417079	.3736912
#2	4.509487	41.57908	.1237439	-.003166	.999707	.2452746	.3797827
#3	4.500365	41.27155	.1243281	-.003392	1.293231	.2429433	.3794909

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.74344	4.224932	.0642447	.0016872	.6928759	2.855191	.0061527
Stddev	.08587	.000443	.0015970	.0003414	.0020277	.027355	.0011393
%RSD	.3616567	.0104937	2.485827	20.23457	.2926423	.9580752	18.51651

#1	23.73047	4.225175	.0625258	.0020035	.6909621	2.860734	.0052302
#2	23.83506	4.224420	.0656826	.0013253	.6950009	2.825489	.0058018
#3	23.66479	4.225201	.0645256	.0017327	.6926648	2.879350	.0074262

Sample Name: K5381-10 Acquired: 10/16/2019 17:34:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GL8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.110087	.1158137	.3398499
Stddev	.009056	.0015445	.0012394
%RSD	.4291946	1.333607	.3646965

#1	2.120196	.1172873	.3412582
#2	2.107349	.1159468	.3393664
#3	2.102714	.1142070	.3389251

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1871.633	3387.753	46151.99	9433.844	3020.914
Stddev	12.882	6.432	196.36	9.539	3.935
%RSD	.6882600	.1898464	.4254541	.1011124	.1302622

#1	1864.381	3392.353	45934.12	9432.930	3024.681
#2	1864.013	3380.404	46206.54	9424.796	3016.830
#3	1886.506	3390.503	46315.30	9443.807	3021.232

Sample Name: K5381-12 Acquired: 10/16/2019 17:50:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GM0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1833470	.0108011	.6423850	-.009272	.0041915	47.13789	1.259943
Stddev	.0040586	.0020744	.0027663	.003458	.0013881	.05395	.002486
%RSD	2.213607	19.20572	.4306295	37.29131	33.11619	.1144573	.1973419

#1	.1786779	.0118243	.6412647	-.009897	.0053102	47.20013	1.262510
#2	.1860304	.0084138	.6455357	-.005545	.0046263	47.10457	1.259773
#3	.1853326	.0121651	.6403545	-.012375	.0026381	47.10896	1.257546

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052376	.0037060	11.63377	.0281526	.0442260	.9008979	148.0988
Stddev	.0000736	.0001564	.02033	.0005336	.0002843	.0037869	.4155
%RSD	1.404516	4.219554	.1747391	1.895295	.6427553	.4203468	.2805620

#1	.0051981	.0036383	11.65718	.0278607	.0445334	.9051407	148.5785
#2	.0051923	.0035950	11.62353	.0287685	.0439725	.8996928	147.8517
#3	.0053225	.0038849	11.62059	.0278287	.0441721	.8978603	147.8661

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.512400	8.988190	.0256503	.0213357	1.079800	.1391942	1.105147
Stddev	.024340	.051955	.0001869	.0005808	.173636	.0007989	.008608
%RSD	.2859388	.5780329	.7287387	2.722348	16.08038	.5739302	.7788777

#1	8.539731	8.932913	.0254890	.0213146	1.167098	.1401075	1.112944
#2	8.504413	8.995639	.0258552	.0219268	1.192464	.1386252	1.106588
#3	8.493057	9.036018	.0256068	.0207657	.879838	.1388499	1.095910

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.58909	4.360726	.0608925	.0086122	24.85164	4.651416	.0059045
Stddev	.06138	.013506	.0028107	.0003273	.04828	.040059	.0015863
%RSD	.5796417	.3097283	4.615913	3.800740	.1942815	.8612208	26.86527

#1	10.65915	4.349402	.0634637	.0088987	24.84029	4.659667	.0069904
#2	10.54481	4.357101	.0613221	.0082554	24.81004	4.607873	.0066390
#3	10.56330	4.375675	.0578917	.0086823	24.90458	4.686706	.0040841

Sample Name: K5381-12 Acquired: 10/16/2019 17:50:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GM0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.328729	.0288727	.1900851
Stddev	.002610	.0010527	.0000814
%RSD	.1964237	3.645898	.0428020

#1	1.328786	.0284028	.1901258
#2	1.326091	.0281368	.1901381
#3	1.331310	.0300785	.1899914

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1754.186	3163.016	43158.57	8764.223	3149.493
Stddev	12.876	6.704	245.12	61.840	3.620
%RSD	.7340305	.2119368	.5679571	.7055933	.1149270

#1	1746.858	3170.449	42876.10	8739.848	3153.382
#2	1769.054	3161.172	43284.21	8834.536	3148.872
#3	1746.647	3157.428	43315.40	8718.286	3146.223

Sample Name: K5381-11 Acquired: 10/16/2019 17:46:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GL9 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1923715	.0021973	.3369738	-.004836	.0056490	10.28600	.1479122
Stddev	.0028476	.0009216	.0009232	.003184	.0006503	.02599	.0001449
%RSD	1.480281	41.94144	.2739795	65.84682	11.51121	.2527094	.0979862

#1	.1950589	.0026120	.3372106	-.008512	.0061187	10.28926	.1479121
#2	.1893869	.0011412	.3359552	-.002915	.0049068	10.31021	.1480571
#3	.1926687	.0028387	.3377556	-.003082	.0059216	10.25853	.1477672

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054246	.0022875	4.703657	.0035260	.0255386	.9528130	42.79999
Stddev	.0000738	.0001011	.005867	.0002392	.0000805	.0079729	.08789
%RSD	1.360868	4.421437	.1247291	6.784677	.3152658	.8367713	.2053401

#1	.0054008	.0024011	4.708193	.0036403	.0254581	.9537187	42.81779
#2	.0053656	.0022542	4.697032	.0036867	.0255386	.9602943	42.87761
#3	.0055074	.0022072	4.705746	.0032511	.0256191	.9444259	42.70457

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.828524	.9804305	.0040870	.0542130	.0850929	.0669718	.6761854
Stddev	.005032	.0135010	.0000988	.0004914	.1206323	.0016443	.0046527
%RSD	.1314357	1.377052	2.416339	.9065030	141.7653	2.455249	.6880779

#1	3.829298	.9931895	.0040514	.0545266	-.053020	.0656597	.6813341
#2	3.833125	.9662932	.0041986	.0544657	.138475	.0664392	.6749395
#3	3.823150	.9818090	.0040110	.0536466	.169824	.0688164	.6722825

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.212008	.4352166	.0163724	.0065853	3.190592	3.907295	.0037994
Stddev	.039430	.0050825	.0011485	.0003964	.022062	.006322	.0004416
%RSD	.9361319	1.167807	7.015142	6.019695	.6914683	.1618109	11.62242

#1	4.229507	.4409528	.0167667	.0062228	3.182450	3.909725	.0041966
#2	4.239660	.4312743	.0172719	.0070086	3.173758	3.900118	.0038775
#3	4.166857	.4334226	.0150787	.0065246	3.215567	3.912041	.0033239

Sample Name: K5381-11 Acquired: 10/16/2019 17:46:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GL9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0344678	-.005803	.0340295
Stddev	.0006947	.000796	.0000403
%RSD	2.015466	13.71660	.1184854

#1	.0352560	-.005007	.0340079
#2	.0339445	-.006599	.0340760
#3	.0342029	-.005803	.0340045

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1730.968	3114.092	42639.66	8500.396	3223.139
Stddev	5.122	15.657	216.52	11.598	14.709
%RSD	.2959298	.5027664	.5077903	.1364462	.4563429

#1	1727.929	3102.352	42441.81	8498.997	3211.814
#2	1728.092	3131.868	42606.21	8489.561	3239.763
#3	1736.882	3108.055	42870.96	8512.631	3217.839

Sample Name: K5381-20LX5 Acquired: 10/16/2019 17:54:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GM8L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0526225	.0010463	.1529118	-.006815	.0021723	23.66401	.3642579
Stddev	.0020474	.0013753	.0010136	.003174	.0010982	.06065	.0007817
%RSD	3.890782	131.4443	.6628809	46.58043	50.55317	.2563108	.2146031

#1	.0549656	.0020329	.1540051	-.006076	.0009116	23.66523	.3651368
#2	.0517234	.0016305	.1520032	-.010293	.0026845	23.60276	.3639969
#3	.0511783	-.000525	.1527272	-.004075	.0029208	23.72405	.3636401

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026165	.0013370	26.79025	.0105110	.0244367	.1236134	43.69513
Stddev	.0000319	.0000443	.07742	.0003056	.0001927	.0028474	.05305
%RSD	1.220389	3.311258	.2889896	2.907314	.7885041	2.303465	.1213999

#1	.0026177	.0012871	26.86793	.0105303	.0243048	.1229321	43.63937
#2	.0025840	.0013716	26.71309	.0101962	.0246578	.1211685	43.74496
#3	.0026478	.0013523	26.78973	.0108064	.0243475	.1267397	43.70107

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.090834	19.14626	.0157818	.0025656	.4784212	.0857539	.2371903
Stddev	.002003	.01409	.0003920	.0002368	.0977971	.0034131	.0012598
%RSD	.0957930	.0735799	2.483620	9.228223	20.44164	3.980103	.5311513

#1	2.093124	19.16147	.0161341	.0027096	.3772837	.0884265	.2370725
#2	2.089411	19.13366	.0153596	.0022924	.4854850	.0819092	.2385048
#3	2.089966	19.14367	.0158516	.0026950	.5724949	.0869260	.2359934

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.54363	1.634816	.0144032	.0005240	.3177370	.4631774	-.002055
Stddev	.05798	.006244	.0005695	.0003068	.0040201	.0136905	.001759
%RSD	.4280748	.3819402	3.953925	58.54315	1.265226	2.955777	85.56424

#1	13.55534	1.631320	.0150606	.0003381	.3182779	.4786988	-.000554
#2	13.48068	1.631104	.0140890	.0003559	.3134738	.4528196	-.001622
#3	13.59485	1.642025	.0140600	.0008781	.3214592	.4580139	-.003990

Sample Name: K5381-20LX5 Acquired: 10/16/2019 17:54:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GM8L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.437353	.0538646	.1723054
Stddev	.005456	.0012818	.0002815
%RSD	.2238315	2.379599	.1633928

#1	2.443599	.0539650	.1724037
#2	2.434937	.0525356	.1719879
#3	2.433523	.0550932	.1725247

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1581.687	2864.891	39007.09	7883.726	3104.322
Stddev	8.960	3.102	71.66	11.920	3.983
%RSD	.5664680	.1082930	.1837123	.1511938	.1283210

#1	1571.403	2867.220	38956.50	7886.359	3104.305
#2	1585.854	2861.369	39089.10	7894.108	3100.347
#3	1587.804	2866.083	38975.69	7870.709	3108.314

Sample Name: K5381-13 Acquired: 10/16/2019 17:58:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GM1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1460169	.0088828	.0926620	-.025608	.0013564	51.37228	1.563851
Stddev	.0027950	.0008417	.0017611	.001634	.0015483	.20319	.002583
%RSD	1.914153	9.475256	1.900537	6.381768	114.1476	.3955263	.1651747

#1	.1491134	.0084543	.0906687	-.023722	.0003171	51.28227	1.564525
#2	.1452567	.0083417	.0940072	-.026590	.0031359	51.22965	1.560997
#3	.1436807	.0098525	.0933102	-.026513	.0006163	51.60493	1.566029

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054602	.0055827	46.88772	.0006077	.0339236	.3374019	293.9801
Stddev	.0000383	.0001278	.06444	.0005188	.0004708	.0011279	.9292
%RSD	.7009561	2.289378	.1374432	85.37290	1.387798	.3343023	.3160680

#1	.0054655	.0057028	46.95510	.0010911	.0337683	.3382152	293.9286
#2	.0054956	.0054484	46.82668	.0006724	.0335501	.3361142	293.0778
#3	.0054196	.0055969	46.88138	.0000596	.0344525	.3378762	294.9340

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.232882	31.10037	.0273031	-.008750	3.737163	.2692163	1.457386
Stddev	.005032	.10234	.0003280	.000291	.144141	.0000846	.007720
%RSD	.1556378	.3290610	1.201459	3.328632	3.856975	.0314097	.5297462

#1	3.229193	31.05393	.0276381	-.008901	3.835726	.2692969	1.449716
#2	3.230838	31.02947	.0272887	-.008414	3.804031	.2692236	1.457287
#3	3.238613	31.21769	.0269825	-.008934	3.571732	.2691283	1.465156

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	43.64081	4.356614	.1039205	.0234102	90.30329	1.242779	-.005842
Stddev	.14361	.003397	.0038562	.0005026	.07672	.014128	.001908
%RSD	.3290624	.0779844	3.710712	2.146732	.0849534	1.136809	32.65139

#1	43.56908	4.355035	.0996704	.0231391	90.23067	1.241231	-.003685
#2	43.54719	4.354294	.1048954	.0239901	90.29569	1.229488	-.007307
#3	43.80615	4.360514	.1071957	.0231014	90.38353	1.257617	-.006534

Sample Name: K5381-13 Acquired: 10/16/2019 17:58:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GM1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.110907	.0523466	.8826379
Stddev	.028866	.0003216	.0014179
%RSD	.3558875	.6143496	.1606441

#1	8.123409	.0521134	.8826462
#2	8.131413	.0527134	.8840516
#3	8.077897	.0522129	.8812159

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1674.457	3030.140	41522.90	8405.329	3044.046
Stddev	3.078	4.252	34.20	54.794	3.299
%RSD	.1837983	.1403141	.0823745	.6518960	.1083692

#1	1674.738	3035.041	41483.69	8359.441	3047.855
#2	1677.383	3027.440	41538.42	8465.997	3042.164
#3	1671.248	3027.938	41546.60	8390.548	3042.119

Sample Name: K5381-15 Acquired: 10/16/2019 18:06:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GM3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0683005	.0044145	.0719642	-.016331	.0004491	87.63503	1.585097
Stddev	.0036913	.0006787	.0021310	.000700	.0019568	.60057	.006529
%RSD	5.404508	15.37539	2.961183	4.288227	435.7226	.6853054	.4119195

#1	.0653726	.0051928	.0697308	-.017118	.0005807	87.85511	1.589080
#2	.0724470	.0039459	.0721863	-.016096	-.001570	88.09451	1.588649
#3	.0670818	.0041046	.0739754	-.015778	.002337	86.95547	1.577562

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122776	.0015201	123.0053	.0190284	.1278606	.6668748	163.8112
Stddev	.0001466	.0001301	.4186	.0004794	.0003902	.0056005	.8131
%RSD	1.193691	8.557713	.3402836	2.519267	.3051357	.8398147	.4963927

#1	.0124434	.0013706	122.9173	.0190459	.1276362	.6707887	164.1298
#2	.0122239	.0016074	123.4609	.0185405	.1276345	.6693762	164.4167
#3	.0121654	.0015824	122.6378	.0194988	.1283111	.6604595	162.8870

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.007326	67.70638	.0746891	-.001934	1.733095	.2716965	.3270345
Stddev	.023130	.27548	.0005633	.000249	.031188	.0008418	.0056941
%RSD	.2888664	.4068808	.7542326	12.87422	1.799557	.3098238	1.741115

#1	8.018034	67.65846	.0748669	-.001874	1.763533	.2723641	.3214443
#2	8.023163	68.00268	.0740583	-.001721	1.734544	.2719746	.3328270
#3	7.980782	67.45800	.0751421	-.002208	1.701207	.2707509	.3268322

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	48.68993	6.773302	.0601652	.0444947	14.92327	1.605526	-.013959
Stddev	.36858	.032337	.0034796	.0003527	.04958	.013201	.001160
%RSD	.7569969	.4774145	5.783357	.7926337	.3322534	.8222184	8.313462

#1	48.95079	6.737084	.0579706	.0440893	14.86610	1.592364	-.012908
#2	48.85073	6.783549	.0641771	.0446642	14.95467	1.618765	-.015204
#3	48.26827	6.799275	.0583477	.0447307	14.94903	1.605450	-.013763

Sample Name: K5381-15 Acquired: 10/16/2019 18:06:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GM3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.826930	.1700112	.5002721
Stddev	.048089	.0004399	.0012497
%RSD	.6144072	.2587277	.2498016

#1	7.793333	.1697061	.4991642
#2	7.805441	.1698122	.5000252
#3	7.882017	.1705155	.5016268

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1797.706	3252.836	44821.98	9112.103	2898.839
Stddev	15.705	7.256	181.46	54.419	5.823
%RSD	.8735997	.2230578	.4048569	.5972180	.2008683

#1	1811.236	3258.202	45028.65	9074.588	2905.166
#2	1780.484	3255.726	44688.72	9087.203	2893.705
#3	1801.399	3244.581	44748.57	9174.517	2897.647

Sample Name: K5381-14 Acquired: 10/16/2019 18:02:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GM2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3417435	.0303185	13.89150	-.013694	.0021272	35.97337
Stddev	.0068335	.0018883	.01866	.003265	.0018762	.06903
%RSD	1.999604	6.228143	.1343044	23.84014	88.20271	.1918946

#1	.3412437	.0282016	13.89303	-.013875	.0042668	35.93425
#2	.3351736	.0309245	13.87213	-.016865	.0007629	36.05308
#3	.3488131	.0318293	13.90935	-.010343	.0013518	35.93279

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5972697	.0064414	.1214671	176.4111	.0363306	.0868607
Stddev	.0007339	.0001061	.0001889	.5874	.0003804	.0001299
%RSD	.1228695	1.647234	.1555443	.3329899	1.046925	.1495881

#1	.5965660	.0063501	.1212670	175.8025	.0360473	.0867717
#2	.5980304	.0064163	.1216424	176.9748	.0361815	.0870098
#3	.5972127	.0065578	.1214918	176.4560	.0367629	.0868006

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.226169	228.0992	F 67.92374	44.49406	.0713791	.2365304
Stddev	.002655	.9191	.51120	.23931	.0003211	.0004653
%RSD	.2165655	.4029192	.7526156	.5378536	.4498740	.1967029

#1	1.229187	227.1334	67.37385	44.22547	.0710303	.2361571
#2	1.225132	228.9631	68.38455	44.68462	.0714446	.2363826
#3	1.224189	228.2012	68.01283	44.57208	.0716625	.2370517

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6103986	.2417249	F 33.04229	15.66431	8.222098	.0774860
Stddev	.2035538	.0008390	.05916	.02584	.013897	.0009105
%RSD	33.34768	.3470838	.1790382	.1649319	.1690234	1.175080

#1	.3761514	.2408660	32.97776	15.64419	8.206187	.0785162
#2	.7107791	.2417663	33.09396	15.65529	8.231861	.0767891
#3	.7442653	.2425424	33.05515	15.69344	8.228246	.0771527

Sample Name: K5381-14 Acquired: 10/16/2019 18:02:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GM2 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121943	F 129.9916	3.767074	-.001009	2.340521	.0637599
Stddev	.0007216	.2340	.041061	.000445	.008279	.0022169
%RSD	5.917594	.1799954	1.090001	44.12514	.3537097	3.476932

#1	.0123349	129.7346	3.740201	-.001322	2.331019	.0612160
#2	.0114127	130.0479	3.814340	-.000499	2.344367	.0652790
#3	.0128352	130.1923	3.746682	-.001205	2.346177	.0647846

Elem	Sr4077
Units	ppm
Avg	.9781028
Stddev	.0011708
%RSD	.1197047

#1	.9793034
#2	.9780407
#3	.9769642

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1718.412	3077.339	42793.82	8663.604	2946.695
Stddev	2.374	6.373	146.45	31.143	6.364
%RSD	.1381720	.2070922	.3422313	.3594739	.2159561

#1	1716.777	3083.720	42742.03	8692.356	2953.190
#2	1721.136	3077.324	42959.13	8630.522	2946.423
#3	1717.325	3070.974	42680.29	8667.932	2940.472

Sample Name: K5381-17 Acquired: 10/16/2019 18:14:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GM5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1322326	.0078201	.6155561	-.004737	.0017559	84.84460	1.353125
Stddev	.0060756	.0012652	.0026963	.002848	.0025113	.14218	.002613
%RSD	4.594619	16.17932	.4380246	60.11591	143.0226	.1675742	.1931102

#1	.1383558	.0085091	.6143420	-.005594	-.001104	84.72261	1.354551
#2	.1262057	.0063599	.6136804	-.007058	.003603	85.00075	1.354715
#3	.1321362	.0085913	.6186460	-.001559	.002769	84.81045	1.350109

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073023	.0095903	35.36677	.0343499	.0784194	.2841485	130.8430
Stddev	.0001414	.0000947	.08722	.0003605	.0006428	.0012364	.0329
%RSD	1.935909	.9877718	.2466099	1.049602	.8196656	.4351282	.0251353

#1	.0073354	.0096959	35.27223	.0344716	.0777545	.2827366	130.8793
#2	.0071474	.0095127	35.44409	.0346338	.0784662	.2846709	130.8342
#3	.0074242	.0095625	35.38400	.0339443	.0790375	.2850379	130.8153

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.19467	39.69672	.0634319	.0165690	.6955094	.2015319	2.611467
Stddev	.01261	.17465	.0000714	.0001256	.1418448	.0014463	.021773
%RSD	.0888339	.4399705	.1126004	.7582338	20.39437	.7176699	.8337481

#1	14.18744	39.76583	.0634259	.0166908	.8167962	.2000528	2.602438
#2	14.18734	39.49808	.0633636	.0165762	.7301921	.2029431	2.636303
#3	14.20923	39.82624	.0635061	.0164399	.5395399	.2015999	2.595662

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.13135	6.839073	.0584725	.0141977	3.235298	4.476723	-.000020
Stddev	.06143	.030041	.0014811	.0000984	.012185	.032710	.001702
%RSD	.2038705	.4392577	2.532918	.6926933	.3766138	.7306603	8339.122

#1	30.19482	6.839074	.0570678	.0141040	3.244488	4.495360	.000969
#2	30.07219	6.809031	.0600196	.0141890	3.221477	4.438955	.000956
#3	30.12705	6.869114	.0583302	.0143001	3.239928	4.495856	-.001986

Sample Name: K5381-17 Acquired: 10/16/2019 18:14:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GM5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.161836	.0890154	.3820321
Stddev	.009320	.0006785	.0005921
%RSD	.2947697	.7621656	.1549806

#1	3.151085	.0884013	.3814891
#2	3.167631	.0897437	.3819438
#3	3.166793	.0889014	.3826633

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1718.797	3089.595	42380.38	8609.380	3040.046
Stddev	5.257	5.718	128.39	66.983	5.315
%RSD	.3058271	.1850840	.3029455	.7780271	.1748191

#1	1724.080	3083.012	42510.71	8573.591	3041.188
#2	1713.568	3092.438	42376.38	8686.656	3044.697
#3	1718.743	3093.334	42254.03	8567.894	3034.253

Sample Name: K5381-16 Acquired: 10/16/2019 18:10:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GM4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0918405	.0077977	.2469376	-.007079	.0015045	79.11103	1.298894
Stddev	.0055299	.0008345	.0023768	.001364	.0013366	.27772	.002654
%RSD	6.021183	10.70204	.9625269	19.27063	88.83714	.3510511	.2043442

#1	.0978706	.0085192	.2450573	-.005541	.0025073	78.88288	1.297725
#2	.0870066	.0079902	.2496091	-.008145	-.000013	79.02993	1.297026
#3	.0906443	.0068838	.2461462	-.007549	.002019	79.42027	1.301933

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069118	.0058847	32.53300	.0307508	.0812767	.1492892	119.2988
Stddev	.0002222	.0000924	.08656	.0000703	.0001260	.0021792	.4730
%RSD	3.214998	1.569711	.2660716	.2284805	.1549705	1.459706	.3964565

#1	.0066822	.0058360	32.45683	.0307428	.0814217	.1470768	118.9861
#2	.0069274	.0059912	32.51504	.0308247	.0811949	.1514336	119.0674
#3	.0071258	.0058268	32.62713	.0306849	.0812135	.1493573	119.8429

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.08569	35.33622	.0608495	.0073088	.6593975	.1804781	1.537784
Stddev	.05375	.25548	.0001016	.0001644	.1706346	.0011494	.014748
%RSD	.4447677	.7230046	.1670419	2.248709	25.87735	.6368624	.9590743

#1	12.05516	35.10063	.0607783	.0074588	.8452579	.1810900	1.552105
#2	12.05416	35.30024	.0608044	.0071331	.5098273	.1811920	1.538605
#3	12.14776	35.60778	.0609659	.0073344	.6231072	.1791522	1.522642

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.30798	6.422836	.0513840	.0126420	3.216139	4.535655	.0013258
Stddev	.07800	.035796	.0002573	.0001714	.007745	.058499	.0010161
%RSD	.2856370	.5573297	.5007309	1.355866	.2408291	1.289751	76.63775

#1	27.22398	6.381558	.0516810	.0125890	3.211177	4.468494	.0001563
#2	27.32181	6.445352	.0512433	.0128336	3.225064	4.562985	.0018293
#3	27.37813	6.441596	.0512277	.0125034	3.212175	4.575487	.0019918

Sample Name: K5381-16 Acquired: 10/16/2019 18:10:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GM4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.691311	.0743916	.3605834
Stddev	.006225	.0005931	.0011091
%RSD	.2312873	.7973391	.3075830

#1	2.694825	.0740825	.3606894
#2	2.684124	.0740168	.3594252
#3	2.694983	.0750755	.3616357

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1727.861	3097.282	42429.21	8597.797	3067.720
Stddev	15.375	3.463	415.14	35.812	6.383
%RSD	.8898566	.1118238	.9784261	.4165274	.2080591

#1	1710.706	3101.037	41949.88	8614.292	3074.575
#2	1732.479	3096.597	42664.31	8622.388	3061.949
#3	1740.399	3094.213	42673.43	8556.709	3066.635

Sample Name: K5381-19 Acquired: 10/16/2019 18:22:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GM7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1432832	.0022049	2.473031	-.011979	.0032868	68.71149	1.729273
Stddev	.0031489	.0042179	.001402	.006019	.0021246	.22115	.004891
%RSD	2.197679	191.2950	.0566870	50.25053	64.63900	.3218458	.2828354

#1	.1401321	-.000135	2.473750	-.009388	.0038216	68.74169	1.731906
#2	.1464300	.007074	2.473927	-.018860	.0050929	68.91598	1.732283
#3	.1432876	-.000325	2.471415	-.007688	.0009460	68.47680	1.723630

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059843	.0129058	53.97364	.0509981	.0628739	.5043616	119.1565
Stddev	.0001716	.0000984	.19892	.0005472	.0005264	.0023261	.4199
%RSD	2.867524	.7625124	.3685516	1.073025	.8372169	.4612033	.3523818

#1	.0058910	.0129703	54.18249	.0503962	.0624709	.5027645	119.3098
#2	.0061823	.0127926	53.95202	.0511327	.0626813	.5032898	119.4782
#3	.0058796	.0129547	53.78641	.0514655	.0634694	.5070304	118.6815

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.639997	30.03559	.0502464	.2806847	.7827749	.2340145	2.764810
Stddev	.021471	.04472	.0000912	.0007742	.0547010	.0027749	.035889
%RSD	.3807000	.1488845	.1816110	.2758189	6.988083	1.185764	1.298073

#1	5.659147	30.07507	.0502741	.2815786	.7745261	.2365853	2.802411
#2	5.644060	30.04468	.0501446	.2802465	.7326668	.2343854	2.761099
#3	5.616784	29.98703	.0503207	.2802290	.8411317	.2310729	2.730921

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.36146	6.435707	.0678596	.0230611	20.56716	3.761517	.0012200
Stddev	.07603	.020965	.0015486	.0002030	.05806	.025559	.0010654
%RSD	.3120953	.3257616	2.282061	.8802686	.2822988	.6794797	87.32916

#1	24.38484	6.416141	.0671115	.0232923	20.50640	3.734201	.0011156
#2	24.42306	6.457835	.0696402	.0229121	20.57302	3.784851	.0002106
#3	24.27649	6.433143	.0668271	.0229788	20.62208	3.765500	.0023338

Sample Name: K5381-19 Acquired: 10/16/2019 18:22:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GM7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.560792	.0728581	.7982444
Stddev	.012373	.0007710	.0048911
%RSD	.3474666	1.058283	.6127333

#1	3.570284	.0720421	.8036813
#2	3.546799	.0735745	.7968500
#3	3.565292	.0729576	.7942018

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1700.763	3041.487	42157.42	8558.934	3055.815
Stddev	13.035	7.553	172.27	28.039	2.579
%RSD	.7664061	.2483443	.4086441	.3275941	.0843850

#1	1686.304	3032.882	41985.82	8550.641	3053.432
#2	1704.371	3044.562	42156.07	8535.977	3058.553
#3	1711.613	3047.018	42330.36	8590.183	3055.461

Sample Name: K5381-18 Acquired: 10/16/2019 18:18:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GM6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0267176	.0023464	.1805542	-.014176	.0000824	46.31932
Stddev	.0042458	.0042478	.0012048	.003995	.0014821	.15837
%RSD	15.89146	181.0357	.6672892	28.18348	1798.886	.3419194

#1	.0300430	.0036379	.1814995	-.017816	.0009900	46.49828
#2	.0219351	-.002397	.1791976	-.009901	-.001628	46.19724
#3	.0281746	.005798	.1809657	-.014811	.000885	46.26244

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8873335	.0072536	.0018173	153.1258	.0413926	.0749078
Stddev	.0020363	.0000458	.0001059	.1097	.0002500	.0003357
%RSD	.2294842	.6312854	5.828650	.0716114	.6039828	.4481269

#1	.8876431	.0073010	.0017046	153.0413	.0412989	.0752953
#2	.8891972	.0072500	.0019149	153.2497	.0416759	.0747236
#3	.8851601	.0072096	.0018325	153.0863	.0412029	.0747046

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0418455	174.3540	10.62046	46.53644	.0596943	-.005381
Stddev	.0033445	.6378	.01199	.22503	.0004516	.000540
%RSD	7.992455	.3658169	.1129331	.4835595	.7564795	10.03018

#1	.0438579	174.9948	10.63262	46.79304	.0596911	-.005557
#2	.0379848	173.7192	10.60864	46.37269	.0601475	-.005812
#3	.0436938	174.3480	10.62014	46.44360	.0592444	-.004776

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4454952	.3128307	.4109956	23.58595	F 11.27012	.0631783
Stddev	.0786068	.0035586	.0055218	.17668	.04072	.0011466
%RSD	17.64480	1.137539	1.343509	.7490763	.3612702	1.814945

#1	.3745929	.3164925	.4046213	23.78962	11.22554	.0637080
#2	.4318683	.3093853	.4140571	23.47392	11.27950	.0639644
#3	.5300245	.3126142	.4143085	23.49431	11.30533	.0618626

Sample Name: K5381-18 Acquired: 10/16/2019 18:18:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GM6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072435	11.57376	2.283437	-.005219	4.869734	.0786001
Stddev	.0005529	.02938	.023896	.002898	.024100	.0006769
%RSD	7.632366	.2538117	1.046510	55.52555	.4948861	.8612500

#1	.0074047	11.54420	2.310781	-.007597	4.842588	.0787055
#2	.0076977	11.57412	2.272975	-.001991	4.888610	.0792182
#3	.0066279	11.60295	2.266556	-.006068	4.878004	.0778766

Elem	Sr4077
Units	ppm
Avg	.7218605
Stddev	.0012459
%RSD	.1726019

#1	.7210528
#2	.7232954
#3	.7212333

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1761.481	3153.997	43779.04	8903.530	2935.294
Stddev	3.940	5.158	233.00	40.063	2.896
%RSD	.2236885	.1635365	.5322243	.4499672	.0986549

#1	1766.011	3159.868	43863.60	8865.475	2938.637
#2	1758.846	3151.928	43515.57	8945.337	2933.657
#3	1759.586	3150.195	43957.96	8899.778	2933.588

Sample Name: K5382-02 Acquired: 10/16/2019 18:30:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GN0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3195889	.0103237	4.728093	-.008444	.0108758	44.25876	.4344917
Stddev	.0063155	.0023179	.013875	.002094	.0011144	.09671	.0004627
%RSD	1.976115	22.45232	.2934539	24.79470	10.24674	.2185002	.1064842

#1	.3146817	.0087117	4.731244	-.006191	.0105836	44.26932	.4339763
#2	.3173707	.0092794	4.712914	-.010330	.0121072	44.15720	.4346277
#3	.3267141	.0129801	4.740121	-.008810	.0099365	44.34974	.4348712

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0139367	.0096154	7.326085	.0172792	.0871928	2.482663	100.0963
Stddev	.0000889	.0000577	.042350	.0002426	.0004993	.002809	.0858
%RSD	.6376328	.6000676	.5780756	1.404117	.5725763	.1131298	.0857544

#1	.0139250	.0095490	7.310973	.0170420	.0868428	2.485883	100.1660
#2	.0140308	.0096442	7.293364	.0175269	.0877645	2.480723	100.0004
#3	.0138543	.0096530	7.373919	.0172688	.0869710	2.481381	100.1224

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.76416	15.58386	.0264855	.4358057	.3053971	.1259571	2.885513
Stddev	.03025	.04630	.0004675	.0025390	.1872688	.0023963	.036255
%RSD	.2048751	.2971098	1.765239	.5826033	61.31975	1.902476	1.256453

#1	14.77253	15.63610	.0260112	.4379866	.1685127	.1276390	2.899107
#2	14.73060	15.54788	.0269459	.4364120	.5188103	.1232133	2.844425
#3	14.78933	15.56761	.0264994	.4330184	.2288684	.1270189	2.913006

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.076841	1.730752	.0387854	.0128734	3.030951	3.488952	.0054697
Stddev	.012161	.005369	.0008327	.0000960	.008631	.038544	.0013801
%RSD	.1505631	.3102099	2.146919	.7453614	.2847716	1.104748	25.23216

#1	8.063095	1.732295	.0396664	.0127827	3.021344	3.444445	.0064927
#2	8.086197	1.724780	.0380114	.0128637	3.038052	3.511036	.0039000
#3	8.081230	1.735180	.0386784	.0129739	3.033457	3.511375	.0060164

Sample Name: K5382-02 Acquired: 10/16/2019 18:30:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GN0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4462132	.0215257	.1384165
Stddev	.0036189	.0006721	.0000980
%RSD	.8110305	3.122125	.0708192

#1	.4447724	.0214424	.1383349
#2	.4503306	.0222355	.1383895
#3	.4435365	.0208992	.1385252

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1820.992	3249.200	44822.21	8906.683	3135.136
Stddev	13.172	7.737	143.78	15.426	4.944
%RSD	.7233626	.2381298	.3207764	.1731922	.1577075

#1	1816.248	3241.447	44657.38	8896.891	3130.905
#2	1835.879	3249.230	44887.45	8898.693	3140.571
#3	1810.848	3256.922	44921.81	8924.464	3133.933

Sample Name: K5382-01 Acquired: 10/16/2019 18:26:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GM9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1702622	.0026128	.6377350	.0004913	.0025849	31.80190	.3624762
Stddev	.0006009	.0019461	.0018807	.0021112	.0010352	.16674	.0015905
%RSD	.3529197	74.48459	.2948970	429.7587	40.04787	.5243119	.4387925

#1	.1698924	.0026390	.6370777	.0019680	.0013961	31.82867	.3624304
#2	.1709555	.0045457	.6362712	-.001927	.0032877	31.95364	.3640891
#3	.1699387	.0006537	.6398561	.001433	.0030710	31.62340	.3609091

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033211	.0120564	64.08118	.0049735	.0275285	1.038866	69.73132
Stddev	.0000467	.0000841	.20724	.0004381	.0003620	.006492	.17751
%RSD	1.404921	.6972592	.3233953	8.809472	1.315005	.6249450	.2545664

#1	.0033493	.0119596	64.21898	.0045188	.0271582	1.041281	69.66778
#2	.0032672	.0121101	64.18170	.0050087	.0278816	1.043805	69.93186
#3	.0033467	.0120997	63.84285	.0053930	.0275458	1.031513	69.59433

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.724115	34.76025	.0107548	.0807558	.4959750	.0863109	2.837904
Stddev	.024975	.09696	.0005093	.0004984	.1182344	.0008562	.021447
%RSD	.3233393	.2789526	4.735115	.6171032	23.83878	.9919549	.7557295

#1	7.720377	34.66199	.0112714	.0803172	.5204052	.0863543	2.830058
#2	7.750749	34.85586	.0107400	.0812977	.3674339	.0854338	2.862169
#3	7.701220	34.76291	.0102532	.0806525	.6000860	.0871445	2.821484

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.16815	3.148168	.0265277	.5892311	39.12057	1.011061	.0004709
Stddev	.12665	.016782	.0012056	.0002355	.02502	.013746	.0003079
%RSD	1.040842	.5330703	4.544612	.0399728	.0639569	1.359525	65.37981

#1	12.19546	3.137609	.0266947	.5889956	39.09168	.995794	.0006615
#2	12.27891	3.139376	.0276411	.5894666	39.13436	1.022454	.0006356
#3	12.03006	3.167520	.0252474	.5892310	39.13565	1.014936	.0001157

Sample Name: K5382-01 Acquired: 10/16/2019 18:26:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GM9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.169629	.0191019	.2063093
Stddev	.002419	.0008358	.0002566
%RSD	.2068573	4.375742	.1243711

#1	1.166837	.0190307	.2065218
#2	1.170939	.0183039	.2063818
#3	1.171111	.0199710	.2060242

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1778.182	3180.224	43986.44	8802.406	3047.041
Stddev	6.344	4.268	167.65	20.024	4.987
%RSD	.3567964	.1341950	.3811347	.2274887	.1636827

#1	1771.648	3184.626	43796.64	8790.227	3052.666
#2	1784.318	3179.940	44048.35	8825.517	3043.159
#3	1778.580	3176.105	44114.33	8791.474	3045.298

Sample Name: K5382-03 Acquired: 10/16/2019 18:34:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GN1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1703166	.0082978	.3208863	-.006635	.0037208	104.5155	2.046138
Stddev	.0037567	.0008506	.0045030	.004365	.0006997	.2748	.002306
%RSD	2.205719	10.25131	1.403298	65.78114	18.80478	.2629611	.1127107

#1	.1718358	.0073310	.3208601	-.001599	.0034042	104.4806	2.046464
#2	.1730757	.0086309	.3163964	-.008995	.0045228	104.2598	2.043687
#3	.1660382	.0089314	.3254023	-.009312	.0032353	104.8062	2.048265

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079836	.0085563	35.16222	.0762040	.0647915	.3795062	130.8292
Stddev	.0000594	.0000733	.13660	.0006020	.0002213	.0029395	.2278
%RSD	.7441251	.8561840	.3884789	.7900357	.3415924	.7745602	.1741504

#1	.0080065	.0085213	35.21420	.0756611	.0650102	.3807643	130.7458
#2	.0080282	.0085070	35.00726	.0760995	.0645677	.3761470	131.0870
#3	.0079162	.0086404	35.26519	.0768515	.0647965	.3816073	130.6549

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.11204	22.83580	.0635393	.0067703	.4984358	.2243404	1.342060
Stddev	.01116	.08500	.0002020	.0000731	.1475687	.0017607	.005542
%RSD	.1103929	.3722217	.3178812	1.079972	29.60635	.7848331	.4129434

#1	10.12350	22.84318	.0634332	.0066862	.6602103	.2252801	1.337464
#2	10.10120	22.91687	.0637722	.0068055	.4638980	.2254319	1.348214
#3	10.11143	22.74735	.0634124	.0068192	.3711991	.2223092	1.340501

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.07991	6.177138	.0604830	.0100967	10.81203	4.279229	.0021871
Stddev	.08586	.008041	.0002900	.0003977	.00525	.032452	.0011098
%RSD	.3888516	.1301728	.4795453	3.938545	.0485821	.7583593	50.74086

#1	22.15812	6.168892	.0604968	.0096409	10.81087	4.316590	.0010446
#2	21.98804	6.177566	.0607659	.0103730	10.81776	4.263051	.0032609
#3	22.09357	6.184957	.0601863	.0102762	10.80745	4.258046	.0022559

Sample Name: K5382-03 Acquired: 10/16/2019 18:34:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GN1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.750757	.0882994	.3354333
Stddev	.007594	.0007841	.0019484
%RSD	.2760597	.8879940	.5808465

#1	2.755028	.0876115	.3366107
#2	2.741990	.0881336	.3331844
#3	2.755254	.0891532	.3365049

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1732.765	3109.282	42951.67	8676.595	3078.270
Stddev	8.867	3.138	163.59	28.219	2.382
%RSD	.5117436	.1009281	.3808773	.3252318	.0773925

#1	1737.994	3106.028	42977.60	8646.487	3078.270
#2	1737.775	3112.290	43100.74	8702.440	3080.652
#3	1722.527	3109.528	42776.66	8680.859	3075.887

Sample Name: K5382-04 Acquired: 10/16/2019 18:38:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GN2 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1193250	.0047088	.7069583	-.003957	.0011943	24.51468	.1740884
Stddev	.0009211	.0019863	.0015524	.001806	.0011996	.04368	.0007894
%RSD	.7718925	42.18353	.2195955	45.63948	100.4410	.1781784	.4534289

#1	.1195063	.0038849	.7082030	-.005955	.0010584	24.47849	.1737718
#2	.1183268	.0032670	.7074531	-.002443	.0024561	24.50236	.1735064
#3	.1201419	.0069745	.7052187	-.003472	.0000685	24.56320	.1749869

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078128	.0043825	23.96212	.0022481	.0202284	.1794771	36.00912
Stddev	.0000318	.0001054	.05457	.0001122	.0000861	.0022620	.06667
%RSD	.4066596	2.405093	.2277360	4.991706	.4258802	1.260334	.1851532

#1	.0078234	.0045036	23.99018	.0021228	.0202724	.1811178	35.98746
#2	.0077771	.0043319	23.89923	.0022822	.0201291	.1804167	35.95596
#3	.0078380	.0043119	23.99695	.0023393	.0202836	.1768967	36.08392

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.592585	14.15476	.0122436	.0116889	.2887889	.0414285	1.686312
Stddev	.008866	.04176	.0005604	.0002542	.0829599	.0007147	.009676
%RSD	.1585337	.2950175	4.576731	2.174905	28.72682	1.725038	.5737932

#1	5.595073	14.12515	.0119228	.0114346	.1945427	.0406840	1.697328
#2	5.582740	14.20252	.0119174	.0116892	.3507640	.0414924	1.682415
#3	5.599941	14.13660	.0128907	.0119430	.3210600	.0421090	1.679191

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.767460	1.543931	.0120011	.0249902	.5739198	.9604184	.0006203
Stddev	.029319	.003792	.0007652	.0003173	.0050634	.0087283	.0011278
%RSD	.3774543	.2456241	6.376422	1.269794	.8822475	.9088019	181.8284

#1	7.792579	1.547141	.0115691	.0246526	.5710632	.9686311	.0018842
#2	7.774557	1.539746	.0115495	.0252823	.5709302	.9512527	-.000283
#3	7.735245	1.544906	.0128846	.0250358	.5797660	.9613714	.000260

Sample Name: K5382-04 Acquired: 10/16/2019 18:38:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GN2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8282158	.0184971	.1522099
Stddev	.0042931	.0013724	.0002179
%RSD	.5183522	7.419764	.1431665

#1	.8268060	.0174773	.1524293
#2	.8248049	.0179566	.1522067
#3	.8330365	.0200575	.1519935

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1776.899	3150.123	43434.41	8678.790	3142.619
Stddev	2.305	5.411	150.69	19.472	3.507
%RSD	.1297435	.1717840	.3469398	.2243613	.1115921

#1	1775.523	3156.344	43281.78	8664.066	3145.154
#2	1779.560	3147.523	43583.08	8700.868	3144.086
#3	1775.612	3146.502	43438.36	8671.437	3138.617

Sample Name: K5382-05 Acquired: 10/16/2019 18:42:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GN3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0640596	.0068067	.3477367	-.011608	.0018442	59.82894	1.081942
Stddev	.0052997	.0026624	.0013246	.000718	.0015558	.14070	.001070
%RSD	8.273139	39.11398	.3809191	6.184360	84.36502	.2351720	.0988850

#1	.0700904	.0093621	.3462548	-.010985	.0031248	59.68099	1.080777
#2	.0619435	.0070089	.3481500	-.012393	.0022950	59.96105	1.082166
#3	.0601448	.0040489	.3488054	-.011447	.0001127	59.84479	1.082881

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112574	.0058094	28.07426	.0194695	.1049471	1.120401	113.4784
Stddev	.0000400	.0000479	.08837	.0001998	.0002942	.006273	.2102
%RSD	.3552064	.8245215	.3147796	1.026087	.2803454	.5598700	.1851977

#1	.0112184	.0058128	28.14474	.0195054	.1049986	1.116284	113.5861
#2	.0112983	.0057599	27.97512	.0192542	.1046305	1.127620	113.6129
#3	.0112555	.0058556	28.10293	.0196489	.1052121	1.117298	113.2362

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.58290	45.45835	.0482111	.0391678	.5167616	.2178835	2.320328
Stddev	.02648	.12144	.0007021	.0002846	.0811924	.0010291	.012613
%RSD	.1596658	.2671458	1.456218	.7267259	15.71177	.4723243	.5435952

#1	16.61348	45.49637	.0475292	.0393914	.4744235	.2167893	2.333042
#2	16.56731	45.32245	.0481724	.0388474	.4654889	.2180293	2.320124
#3	16.56792	45.55623	.0489317	.0392645	.6103725	.2188320	2.307818

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.52664	6.328308	.0436131	.0587862	10.68958	1.121187	-.005539
Stddev	.28671	.001826	.0015113	.0003526	.01408	.009982	.001686
%RSD	.8070367	.0288601	3.465275	.5997767	.1317006	.8902946	30.44373

#1	35.29485	6.329230	.0433844	.0591894	10.67502	1.127470	-.003684
#2	35.84725	6.329489	.0452257	.0586341	10.69059	1.109677	-.006980
#3	35.43782	6.326204	.0422292	.0585353	10.70312	1.126413	-.005953

Sample Name: K5382-05 Acquired: 10/16/2019 18:42:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GN3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.234384	.0927324	.0992443
Stddev	.019893	.0009642	.0002079
%RSD	.3800539	1.039757	.2094877

#1	5.248035	.0935428	.0993559
#2	5.211559	.0916661	.0990044
#3	5.243558	.0929885	.0993726

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1764.784	3147.515	43468.51	8777.079	3021.260
Stddev	2.970	1.883	171.30	31.504	6.474
%RSD	.1683022	.0598120	.3940875	.3589340	.2142877

#1	1764.824	3149.410	43359.84	8792.737	3028.656
#2	1761.794	3145.645	43379.71	8797.688	3018.505
#3	1767.734	3147.490	43665.98	8740.814	3016.618

Sample Name: K5382-06 Acquired: 10/16/2019 18:46:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GN4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0903161	.0620290	.3638774	.0180013	.0005561	89.93350
Stddev	.0031729	.0044660	.0018164	.0034341	.0004255	.45364
%RSD	3.513067	7.199819	.4991876	19.07697	76.51010	.5044170

#1	.0875931	.0667382	.3624688	.0142044	.0010473	89.45570
#2	.0895548	.0578544	.3632359	.0189097	.0003035	89.98647
#3	.0938004	.0614944	.3659276	.0208900	.0003175	90.35832

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.049446	.0001474	.0101774	18.34330	.0636809	.0743465
Stddev	.014486	.0000307	.0001808	.03268	.0007680	.0004217
%RSD	.2868821	20.85177	1.776359	.1781589	1.206019	.5672248

#1	5.032728	.0001133	.0103797	18.37196	.0640742	.0747052
#2	5.058286	.0001561	.0100317	18.30771	.0627959	.0738819
#3	5.057322	.0001730	.0101207	18.35022	.0641726	.0744523

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2352014	120.5890	F 144.9775	31.83628	.1083921	.0491692
Stddev	.0026676	.7298	1.5875	.19602	.0006645	.0004580
%RSD	1.134168	.6052092	1.094981	.6157259	.6130017	.9315391

#1	.2323443	119.8207	143.4200	31.63407	.1078083	.0491775
#2	.2356333	120.6734	144.9190	31.84929	.1082527	.0496229
#3	.2376267	121.2730	146.5934	32.02548	.1091151	.0487070

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8469722	.2069797	1.357841	22.49839	2.475932	.0488620
Stddev	.1390087	.0043511	.011791	.13136	.008248	.0015205
%RSD	16.41243	2.102181	.8683504	.5838734	.3331173	3.111862

#1	.8022523	.2063593	1.347161	22.36501	2.466508	.0471140
#2	1.002837	.2029721	1.370493	22.50252	2.481838	.0498791
#3	.735827	.2116076	1.355868	22.62763	2.479448	.0495928

Sample Name: K5382-06 Acquired: 10/16/2019 18:46:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GN4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027976	2.882770	3.463834	.0038495	1.812637	.0789471
Stddev	.0002508	.017963	.017859	.0013186	.012453	.0016747
%RSD	8.965970	.6231219	.5155778	34.25461	.6870112	2.121341
#1	.0030638	2.885090	3.443506	.0025430	1.826296	.0803741
#2	.0027634	2.899460	3.476999	.0051799	1.809701	.0793640
#3	.0025657	2.863759	3.470998	.0038256	1.801914	.0771034

Elem	Sr4077
Units	ppm
Avg	.7803952
Stddev	.0041785
%RSD	.5354383
#1	.7840648
#2	.7812733
#3	.7758473

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1721.636	3062.908	42329.08	8530.238	2961.945
Stddev	7.821	6.640	75.00	60.566	5.457
%RSD	.4542618	.2168021	.1771936	.7100199	.1842240
#1	1729.202	3057.566	42340.74	8590.986	2959.741
#2	1713.584	3060.816	42397.57	8529.872	2957.935
#3	1722.123	3070.343	42248.93	8469.855	2968.159

Sample Name: CCV017 Acquired: 10/16/2019 19:02:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV017 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.026824	4.696849	23.83327	4.585819	5.389643	401.5840	10.65597
Stddev	.008347	.012884	.01639	.011800	.020088	2.6709	.03179
%RSD	.1660446	.2743115	.0687732	.2573209	.3727142	.6650928	.2983372

#1	5.024080	4.684938	23.85218	4.599434	5.406169	404.6264	10.61930
#2	5.020195	4.695086	23.82454	4.579461	5.367284	399.6249	10.67270
#3	5.036198	4.710524	23.82310	4.578560	5.395476	400.5008	10.67589

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4933399	2.529233	397.7670	16.51470	2.396140	15.07767	416.7783
Stddev	.0043676	.000461	1.7419	.05087	.003202	.14046	2.6874
%RSD	.8853180	.0182268	.4379215	.3080573	.1336422	.9316019	.6448120

#1	.4947835	2.528818	396.5368	16.52541	2.397344	14.94236	413.9717
#2	.4884332	2.529151	397.0039	16.45932	2.398566	15.06788	417.0350
#3	.4968029	2.529729	399.7602	16.55937	2.392511	15.22277	419.3282

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.53992	408.7354	2.646428	1.265485	412.4299	2.480248	14.67059
Stddev	.07416	2.3690	.001093	.004406	1.7708	.026056	.13035
%RSD	.5100159	.5795982	.0413154	.3481887	.4293471	1.050553	.8885277

#1	14.47895	406.4919	2.647261	1.262705	410.8329	2.452821	14.58241
#2	14.51832	408.5015	2.646833	1.263184	412.1226	2.483250	14.82032
#3	14.62247	411.2126	2.645189	1.270565	414.3342	2.504673	14.60905

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	155.1454	5.183217	4.823789	5.275984	5.331674	4.852417	5.077406
Stddev	1.1179	.018017	.028148	.012833	.028661	.041477	.007037
%RSD	.7205453	.3476054	.5835326	.2432433	.5375537	.8547621	.1386019

#1	154.5052	5.166648	4.831200	5.284973	5.322715	4.871716	5.069287
#2	154.4948	5.180605	4.792676	5.261287	5.308563	4.804807	5.081174
#3	156.4362	5.202398	4.847490	5.281691	5.363744	4.880728	5.081758

Sample Name: CCV017 Acquired: 10/16/2019 19:02:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV017 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.967273	5.143188	4.750964
Stddev	.015720	.010525	.010192
%RSD	.3164683	.2046324	.2145203

#1	4.985409	5.132473	4.748434
#2	4.958836	5.153512	4.762183
#3	4.957572	5.143579	4.742276

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1264.690	2285.827	33174.31	7050.189	2452.870
Stddev	10.216	4.986	47.76	48.736	1.796
%RSD	.8077960	.2181377	.1439648	.6912765	.0732100

#1	1256.565	2280.213	33173.99	7019.952	2453.299
#2	1261.346	2289.741	33222.23	7106.412	2450.898
#3	1276.159	2287.527	33126.72	7024.205	2454.412

Sample Name: K5382-09 Acquired: 10/16/2019 18:58:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GN7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0441260	.0065332	.1190323	-.015910	-.000384	96.61406	1.162271
Stddev	.0037644	.0011760	.0039714	.001205	.003027	.34326	.002224
%RSD	8.530922	18.00003	3.336419	7.573517	788.4114	.3552874	.1913419

#1	.0452003	.0069898	.1166641	-.014539	.001832	96.71832	1.163399
#2	.0399413	.0051974	.1236172	-.016393	-.003833	96.23076	1.159709
#3	.0472364	.0074123	.1168155	-.016799	.000849	96.89310	1.163705

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118365	.0031805	56.26766	.0539916	.1516167	.2238880	211.2296
Stddev	.0000763	.0000890	.08736	.0004233	.0007104	.0021226	.7253
%RSD	.6445903	2.798671	.1552529	.7840851	.4685219	.9480393	.3433528

#1	.0119205	.0032447	56.19063	.0544002	.1508103	.2248253	211.8558
#2	.0118176	.0030789	56.24978	.0535549	.1521497	.2214582	210.4349
#3	.0117714	.0032180	56.36258	.0540197	.1518902	.2253806	211.3980

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.51487	62.94135	.0830691	-.003165	.5625883	.3343044	.8539278
Stddev	.01703	.16337	.0007573	.000566	.1103532	.0001122	.0035478
%RSD	.1619917	.2595604	.9116544	17.89387	19.61526	.0335703	.4154705

#1	10.52554	62.98655	.0821988	-.002514	.4913813	.3342000	.8498407
#2	10.49522	62.76014	.0835778	-.003539	.6897068	.3342902	.8562131
#3	10.52383	63.07737	.0834308	-.003443	.5066768	.3344231	.8557297

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	45.78943	8.131269	.0885034	.0114196	21.92568	2.007715	-.011661
Stddev	.23959	.012290	.0033081	.0004544	.04052	.008739	.000642
%RSD	.5232327	.1511504	3.737817	3.978761	.1848135	.4352537	5.509479

#1	46.03383	8.117495	.0906448	.0117250	21.88079	2.010290	-.012302
#2	45.55497	8.135195	.0846934	.0116364	21.95955	1.997979	-.011017
#3	45.77947	8.141117	.0901722	.0108975	21.93671	2.014877	-.011665

Sample Name: K5382-09 Acquired: 10/16/2019 18:58:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GN7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.269751	.1055436	.2081726
Stddev	.013209	.0019728	.0006325
%RSD	.1817035	1.869218	.3038168

#1	7.267893	.1078209	.2074467
#2	7.283791	.1043540	.2086050
#3	7.257569	.1044559	.2084662

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1761.368	3147.351	43557.03	8885.222	2934.218
Stddev	5.397	2.156	53.45	.990	3.065
%RSD	.3064107	.0685091	.1227229	.0111426	.1044584

#1	1764.443	3145.010	43555.57	8885.836	2937.298
#2	1755.137	3149.256	43611.21	8884.080	2934.187
#3	1764.526	3147.786	43504.33	8885.750	2931.168

Sample Name: K5382-10 Acquired: 10/16/2019 19:10:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GN8 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2663212	.0061433	1.788746	-.006762	.0057809	104.4231	2.041110
Stddev	.0058878	.0046846	.002725	.000379	.0025179	.4626	.001301
%RSD	2.210784	76.25501	.1523576	5.607029	43.55516	.4430227	.0637263

#1	.2596240	.0100914	1.791493	-.006476	.0076598	103.8946	2.039616
#2	.2706831	.0009669	1.786043	-.007192	.0067630	104.7548	2.041723
#3	.2686565	.0073717	1.788704	-.006618	.0029200	104.6198	2.041990

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079355	.0167889	42.32990	.0552771	.0601120	.9655993	126.3735
Stddev	.0000829	.0001353	.08838	.0007519	.0007491	.0038881	.3229
%RSD	1.045249	.8056389	.2087813	1.360172	1.246203	.4026583	.2554882

#1	.0080290	.0166912	42.23590	.0549802	.0608158	.9611125	126.0747
#2	.0078708	.0169433	42.34249	.0547190	.0593246	.9679789	126.3297
#3	.0079067	.0167322	42.41131	.0561320	.0601957	.9677064	126.7160

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.68886	32.10008	.0620548	.0312962	.9353629	.1889289	2.364141
Stddev	.03290	.09170	.0007050	.0001176	.1592999	.0036489	.020205
%RSD	.2403440	.2856591	1.136027	.3756184	17.03081	1.931368	.8546320

#1	13.65619	32.00494	.0612482	.0313866	1.112006	.1914422	2.344417
#2	13.68840	32.10742	.0625533	.0311633	.891474	.1906009	2.363212
#3	13.72198	32.18789	.0623628	.0313387	.802609	.1847436	2.384794

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.52676	7.270472	.0733449	.0119274	5.508282	4.097078	.0014257
Stddev	.10959	.024830	.0011218	.0002836	.014132	.058366	.0005434
%RSD	.3841760	.3415136	1.529432	2.377600	.2565514	1.424566	38.11135

#1	28.41307	7.252844	.0746105	.0122519	5.492066	4.104913	.0020440
#2	28.53548	7.259704	.0729509	.0118031	5.514816	4.151131	.0010238
#3	28.63174	7.298868	.0724733	.0117272	5.517964	4.035191	.0012094

Sample Name: K5382-10 Acquired: 10/16/2019 19:10:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GN8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.266845	.0919020	.5177348
Stddev	.006791	.0008317	.0011730
%RSD	.2078826	.9049400	.2265726

#1	3.265648	.0910331	.5190121
#2	3.260731	.0919823	.5174865
#3	3.274155	.0926906	.5167058

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1698.232	3024.394	42248.54	8484.305	3032.902
Stddev	3.619	2.253	194.00	7.397	1.055
%RSD	.2131317	.0744815	.4591886	.0871835	.0347781

#1	1701.764	3026.420	42279.36	8489.759	3033.897
#2	1694.531	3021.969	42425.29	8475.885	3033.013
#3	1698.402	3024.795	42040.98	8487.270	3031.796

Sample Name: CCB017 Acquired: 10/16/2019 19:06:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN 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	.0026012	-.000658	.0061599	-.000988	.0043587	.0085504	.0004784
Stddev	.0038471	.002207	.0009817	.003021	.0004701	.0113886	.0003550
%RSD	147.8991	335.2206	15.93643	305.6642	10.78555	133.1932	74.20350

#1	.0009669	-.002285	.0069696	-.003346	.0041746	.0128644	.0002993
#2	-.000159	-.001543	.0050681	-.002035	.0048931	.0171518	.0002487
#3	.006996	.001853	.0064422	.002416	.0040086	-.004365	.0008873

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000726	.0001017	.0012245	.0005800	-.000188	-.004119	.0154889
Stddev	.0000579	.0000130	.0107391	.0001445	.000051	.001609	.0098028
%RSD	79.68918	12.73863	877.0585	24.91202	27.10541	39.07052	63.28910

#1	.0000068	.0000925	.0131547	.0004691	-.000169	-.005953	.0206648
#2	.0001154	.0001165	-.001812	.0007434	-.000149	-.003463	.0216189
#3	.0000957	.0000960	-.007670	.0005275	-.000245	-.002941	.0041830

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005638	.0124220	.0001454	-.000768	.3885894	.0019650	-.001160
Stddev	.0000543	.0180998	.0002077	.000216	.2078287	.0034169	.001792
%RSD	9.629169	145.7077	142.8760	28.08097	53.48285	173.8886	154.5276

#1	.0005189	-.008117	.0003782	-.000810	.1514317	-.001348	-.003212
#2	.0005483	.019342	.0000785	-.000534	.5389475	.005477	-.000365
#3	.0006241	.026041	-.000021	-.000960	.4753892	.001765	.000098

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.096058	.0048721	.0082344	.0002499	-.001706	-.000793	-.000243
Stddev	.061256	.0008831	.0007280	.0003040	.001607	.000985	.000959
%RSD	63.76930	18.12522	8.841002	121.6212	94.15389	124.2558	394.8545

#1	-.047343	.0058120	.0089902	-.000026	-.003360	.000194	.000764
#2	-.076004	.0040597	.0081752	.000576	-.001608	-.001776	-.000348
#3	-.164827	.0047446	.0075378	.000199	-.000151	-.000797	-.001145

Sample Name: CCB017 Acquired: 10/16/2019 19:06:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB017 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000050	.0010956	.0001867
Stddev	.001194	.0013866	.0000308
%RSD	2377.968	126.5541	16.49161

#1	.001262	-.000495	.0002221
#2	-.000339	.001735	.0001710
#3	-.001073	.002047	.0001669

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1489.681	2651.097	36943.61	7267.773	3111.102
Stddev	5.835	7.161	30.64	39.021	5.543
%RSD	.3917151	.2700990	.0829472	.5369104	.1781531

#1	1483.015	2650.497	36921.81	7303.138	3106.349
#2	1493.864	2644.255	36930.37	7225.911	3109.767
#3	1492.164	2658.539	36978.64	7274.270	3117.190

Sample Name: K5382-11 Acquired: 10/16/2019 19:14:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GN9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2122932	.0212338	.1502587	-.011376	.0145574	83.21778
Stddev	.0036200	.0026234	.0011950	.003528	.0016583	.49027
%RSD	1.705179	12.35493	.7952740	31.01196	11.39143	.5891391

#1	.2092569	.0201128	.1488836	-.011147	.0132280	83.77734
#2	.2162993	.0242315	.1508480	-.015014	.0140287	82.86362
#3	.2113235	.0193571	.1510446	-.007969	.0164156	83.01239

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.303332	.0086483	.0095606	18.01066	.0614175	.0966819
Stddev	.002528	.0000583	.0000853	.06596	.0003221	.0008967
%RSD	.1939816	.6737122	.8920121	.3662253	.5243761	.9274921

#1	1.306250	.0085868	.0096474	17.94125	.0615079	.0973661
#2	1.301958	.0086554	.0095575	18.01819	.0616846	.0956668
#3	1.301789	.0087027	.0094769	18.07252	.0610599	.0970129

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6165193	175.9554	F 41.08994	32.81057	.0995556	.0315435
Stddev	.0080934	.8089	.06675	.10338	.0005177	.0007326
%RSD	1.312758	.4597233	.1624412	.3150753	.5199833	2.322370

#1	.6258249	176.8478	41.13695	32.92874	.0990219	.0308161
#2	.6111199	175.2704	41.01354	32.76610	.1000556	.0315331
#3	.6126132	175.7480	41.11933	32.73687	.0995893	.0322812

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4145037	.3122060	3.773371	24.04148	4.948654	.0875063
Stddev	.0437839	.0030711	.027842	.26313	.015971	.0023141
%RSD	10.56297	.9836831	.7378613	1.094470	.3227339	2.644495

#1	.4487584	.3147738	3.759930	24.32305	4.943329	.0858632
#2	.3651740	.3130404	3.754799	23.80182	4.936026	.0865030
#3	.4295788	.3088040	3.805384	23.99958	4.966607	.0901527

Sample Name: K5382-11 Acquired: 10/16/2019 19:14:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GN9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054713	1.705786	2.567392	.0072775	1.515846	.0816563
Stddev	.0003868	.002558	.010347	.0021031	.014869	.0001260
%RSD	7.070250	.1499716	.4030175	28.89876	.9809120	.1542920

#1	.0059034	1.702985	2.555559	.0097009	1.498701	.0816268
#2	.0051572	1.708000	2.571878	.0059302	1.525197	.0815476
#3	.0053532	1.706372	2.574740	.0062014	1.523642	.0817944

Elem	Sr4077
Units	ppm
Avg	.2141359
Stddev	.0007046
%RSD	.3290448

#1	.2133225
#2	.2145573
#3	.2145280

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1818.170	3222.812	44932.92	9022.421	3007.968
Stddev	6.900	8.382	156.88	55.982	5.759
%RSD	.3794912	.2600827	.3491501	.6204737	.1914566

#1	1819.722	3222.882	45034.47	8958.567	3008.055
#2	1824.161	3231.160	45012.05	9045.629	3013.683
#3	1810.626	3214.396	44752.22	9063.066	3002.166

Sample Name: K5382-12 Acquired: 10/16/2019 19:18:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GO0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2640993	.0004989	.1670779	-.007588	.2010824	7.680565	.0145563
Stddev	.0016037	.0012561	.0006750	.005889	.0027980	.050661	.0004640
%RSD	.6072256	251.7725	.4039883	77.60693	1.391443	.6595952	3.187727

#1	.2627541	.0017374	.1670107	-.012100	.2012810	7.631740	.0144608
#2	.2658740	-.000774	.1664391	-.000926	.2037757	7.732881	.0141474
#3	.2636697	.000533	.1677840	-.009738	.1981904	7.677075	.0150606

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046041	.0011618	4.814854	-.003382	.0071428	.5959505	62.39399
Stddev	.0001884	.0000695	.032471	.000256	.0002249	.0026118	.24423
%RSD	4.092195	5.985112	.6743962	7.563455	3.149088	.4382540	.3914390

#1	.0046397	.0012164	4.828415	-.003607	.0073301	.5929583	62.14289
#2	.0044004	.0011854	4.838346	-.003435	.0072050	.5971207	62.63073
#3	.0047722	.0010835	4.777800	-.003104	.0068933	.5977727	62.40835

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6581336	1.079181	.0104627	.0093440	.1915399	.0989423	.5683292
Stddev	.0025611	.021665	.0003040	.0003580	.4993716	.0016723	.0079327
%RSD	.3891477	2.007514	2.905471	3.831203	260.7142	1.690162	1.395796

#1	.6575512	1.098810	.0105875	.0093120	-.366086	.0993010	.5653120
#2	.6609358	1.082796	.0106845	.0097169	.343224	.0971198	.5773278
#3	.6559139	1.055936	.0101162	.0090030	.597482	.1004062	.5623478

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.347184	.9084178	.0326116	.0040265	.1514270	2.651030	.0059514
Stddev	.029353	.0028598	.0023848	.0001110	.0018740	.044752	.0016595
%RSD	.6752265	.3148102	7.312577	2.756343	1.237581	1.688089	27.88471

#1	4.315318	.9115215	.0307227	.0041525	.1517248	2.691043	.0059932
#2	4.373119	.9058895	.0352913	.0039837	.1494220	2.602705	.0042714
#3	4.353114	.9078423	.0318208	.0039432	.1531344	2.659341	.0075896

Sample Name: K5382-12 Acquired: 10/16/2019 19:18:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GO0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0216313	-.006109	.0455177
Stddev	.0014679	.001004	.0001534
%RSD	6.786130	16.43207	.3370459

#1	.0218639	-.005733	.0456948
#2	.0200609	-.005348	.0454300
#3	.0229690	-.007247	.0454282

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1646.697	2917.819	40670.14	8096.331	3156.829
Stddev	17.146	8.067	264.52	16.566	8.927
%RSD	1.041250	.2764694	.6504098	.2046087	.2827969

#1	1639.060	2926.983	40706.06	8078.055	3165.599
#2	1634.697	2914.679	40389.49	8110.359	3157.135
#3	1666.335	2911.793	40914.87	8100.579	3147.752

Sample Name: K5382-14 Acquired: 10/16/2019 19:26:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GO2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.764383	.2152080	1.250717	.0802620	.0066105	14.92067
Stddev	.004867	.0060719	.006493	.0054135	.0029978	.03317
%RSD	.1760777	2.821424	.5191693	6.744722	45.34838	.2223387

#1	2.769576	.2150459	1.249320	.0762767	.0059566	14.95364
#2	2.759925	.2092187	1.245036	.0780842	.0039937	14.92108
#3	2.763646	.2213593	1.257795	.0864252	.0098813	14.88729

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0138941	-.010122	.0051626	41.68889	-.083282	.0496219
Stddev	.0002846	.000255	.0001900	.09961	.001113	.0002529
%RSD	2.048099	2.517022	3.679358	.2389247	1.336426	.5097003

#1	.0140489	-.010310	.0049816	41.78319	-.084090	.0494676
#2	.0135657	-.009832	.0051458	41.58472	-.083743	.0494843
#3	.0140677	-.010223	.0053604	41.69876	-.082013	.0499138

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.251281	271.3062	F 415.7557	5.721239	.0337375	.2506006
Stddev	.005150	.2701	2.2620	.083777	.0005419	.0022176
%RSD	.4115703	.0995449	.5440583	1.464314	1.606220	.8848938

#1	1.256887	271.5712	416.7405	5.647314	.0340694	.2511205
#2	1.250198	271.0314	417.3584	5.812238	.0340309	.2481693
#3	1.246760	271.3159	413.1684	5.704164	.0331122	.2525120

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.313903	-.560830	4.505045	7.322738	5.653667	.1108724
Stddev	.109542	.018159	.037581	.037552	.012494	.0031764
%RSD	34.89690	3.237946	.8342042	.5128117	.2209876	2.864917

#1	-.204130	-.575848	4.544617	7.359779	5.645417	.1145353
#2	-.314365	-.565993	4.469835	7.284695	5.647542	.1092036
#3	-.423213	-.540648	4.500684	7.323741	5.668041	.1088781

Sample Name: K5382-14 Acquired: 10/16/2019 19:26:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GO2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0239253	F 132.1797	1.122810	.0020708	.0222897	-.004017
Stddev	.0003395	.0445	.015121	.0005566	.0026430	.001079
%RSD	1.419058	.0336466	1.346725	26.87910	11.85742	26.87218

#1	.0239493	132.2123	1.106860	.0018476	.0244873	-.002923
#2	.0242521	132.1290	1.124633	.0016603	.0230249	-.005082
#3	.0235744	132.1978	1.136936	.0027043	.0193570	-.004047

Elem	Sr4077
Units	ppm
Avg	.0262475
Stddev	.0001188
%RSD	.4524713

#1	.0262948
#2	.0261124
#3	.0263354

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1619.309	2848.415	39568.01	7935.778	2893.906
Stddev	18.613	4.720	369.36	16.415	2.293
%RSD	1.149429	.1656927	.9334724	.2068486	.0792518

#1	1599.053	2843.058	39293.90	7917.367	2894.135
#2	1635.658	2850.229	39988.03	7941.078	2896.077
#3	1623.216	2851.959	39422.09	7948.888	2891.507

Sample Name: K5382-13 Acquired: 10/16/2019 19:22:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GO1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5550879	-.006383	3.683652	-.005346	.0912002	16.56123	.4708447
Stddev	.0031164	.001964	.002353	.003065	.0016446	.02240	.0022620
%RSD	.5614217	30.76907	.0638680	57.33783	1.803273	.1352723	.4804046

#1	.5567039	-.008581	3.686147	-.001815	.0930850	16.58292	.4727698
#2	.5514954	-.005767	3.681473	-.007322	.0900568	16.56260	.4714108
#3	.5570643	-.004800	3.683338	-.006902	.0904588	16.53818	.4683534

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0159835	.0114782	3.983139	-.004964	.0179666	6.612095	121.6271
Stddev	.0000937	.0000581	.041732	.000219	.0002756	.014626	.2142
%RSD	.5858972	.5063797	1.047724	4.407319	1.533802	.2211998	.1760907

#1	.0160126	.0115349	4.008683	-.004882	.0177583	6.615292	121.4462
#2	.0158788	.0114188	3.934981	-.004799	.0182790	6.624859	121.8636
#3	.0160592	.0114808	4.005754	-.005212	.0178623	6.596135	121.5715

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.78111	1.445444	.0160674	.1407360	.3368402	.1060725	1.758288
Stddev	.01931	.015662	.0002594	.0002038	.1554418	.0021977	.016988
%RSD	.1028427	1.083544	1.614654	.1448454	46.14706	2.071856	.9661920

#1	18.79740	1.427646	.0163669	.1405293	.2016870	.1051965	1.738825
#2	18.75977	1.451562	.0159141	.1407420	.5067026	.1044479	1.770141
#3	18.78616	1.457123	.0159212	.1409368	.3021311	.1085731	1.765898

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.663421	1.464603	.0571172	.0465985	.4624832	3.184575	.0063531
Stddev	.038027	.004390	.0025851	.0004175	.0026736	.011669	.0011666
%RSD	.6714541	.2997506	4.525906	.8958582	.5780961	.3664076	18.36223

#1	5.677749	1.462813	.0551384	.0463255	.4638190	3.194667	.0050498
#2	5.620312	1.469605	.0600420	.0463910	.4642256	3.187260	.0067100
#3	5.692204	1.461390	.0561712	.0470791	.4594049	3.171798	.0072995

Sample Name: K5382-13 Acquired: 10/16/2019 19:22:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GO1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0482984	-.002001	.1414418
Stddev	.0015865	.000966	.0006058
%RSD	3.284693	48.29052	.4283039

#1	.0499169	-.002724	.1420802
#2	.0467460	-.002376	.1408750
#3	.0482323	-.000903	.1413702

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1886.108	3328.630	46519.02	9351.521	3105.780
Stddev	4.142	10.266	87.50	47.354	7.701
%RSD	.2195933	.3084110	.1881020	.5063799	.2479469

#1	1890.821	3323.771	46500.67	9306.572	3099.848
#2	1883.049	3340.423	46614.24	9400.960	3114.483
#3	1884.454	3321.696	46442.15	9347.029	3103.010

Sample Name: K5382-16 Acquired: 10/16/2019 19:35:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GO4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2614270	.0548999	.0753701	.0005277	-.004373	78.79555
Stddev	.0049843	.0070638	.0018046	.0049987	.001928	.24790
%RSD	1.906582	12.86670	2.394258	947.3422	44.08471	.3146155

#1	.2556900	.0629283	.0769746	.0003934	-.004558	79.02288
#2	.2638966	.0496383	.0734165	.0055922	-.002359	78.83255
#3	.2646943	.0521331	.0757193	-.004403	-.006202	78.53123

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.141367	.0005764	.0097533	46.54389	.0511677	.2205803
Stddev	.003967	.0001164	.0001239	.02107	.0007769	.0005596
%RSD	.1262959	20.19514	1.270327	.0452687	1.518442	.2536969

#1	3.145947	.0006897	.0096512	46.52045	.0503139	.2203737
#2	3.139003	.0005824	.0098911	46.56127	.0513560	.2212139
#3	3.139149	.0004571	.0097176	46.54994	.0518332	.2201534

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2528777	235.8379	F 123.3504	61.50781	.1062720	-.006351
Stddev	.0019618	.6452	1.1588	.20986	.0007238	.000447
%RSD	.7758086	.2735948	.9394291	.3411862	.6810574	7.046153

#1	.2550476	236.1905	123.3999	61.53577	.1061544	-.006592
#2	.2512294	236.2300	124.4836	61.70228	.1056142	-.006626
#3	.2523561	235.0932	122.1676	61.28537	.1070473	-.005835

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7631750	.9791367	2.796439	46.95880	7.375942	.1167077
Stddev	.1086740	.0004454	.025987	.16655	.009331	.0023497
%RSD	14.23973	.0454864	.9292909	.3546698	.1265117	2.013323

#1	.6394698	.9795190	2.791102	47.14832	7.381450	.1173079
#2	.8067840	.9786477	2.773535	46.89230	7.365168	.1141161
#3	.8432710	.9792435	2.824681	46.83577	7.381208	.1186991

Sample Name: K5382-16 Acquired: 10/16/2019 19:35:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GO4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0343449	59.19843	1.271366	-.012989	9.484601	.2489658
Stddev	.0012145	.24513	.002199	.000551	.027488	.0008513
%RSD	3.536269	.4140894	.1729284	4.242462	.2898120	.3419264
#1	.0345692	59.21816	1.270433	-.012932	9.459387	.2494944
#2	.0354316	58.94403	1.269789	-.013566	9.480513	.2494193
#3	.0330338	59.43311	1.273878	-.012468	9.513904	.2479838

Elem	Sr4077
Units	ppm
Avg	.7190708
Stddev	.0012800
%RSD	.1780099
#1	.7177050
#2	.7192646
#3	.7202429

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1703.755	3016.256	42113.09	8502.987	2900.135
Stddev	12.910	3.935	218.65	45.698	2.810
%RSD	.7577365	.1304663	.5191855	.5374388	.0968988
#1	1703.312	3019.547	41982.68	8495.063	2902.249
#2	1716.880	3011.897	42365.51	8461.768	2896.946
#3	1691.072	3017.324	41991.08	8552.129	2901.208

Sample Name: K5382-15 Acquired: 10/16/2019 19:31:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GO3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.691058	.4702996	2.008479	.1560585	.4911010	8.396752
Stddev	.002409	.0055034	.002966	.0022340	.0016253	.071502
%RSD	.0652712	1.170181	.1476677	1.431498	.3309449	.8515419

#1	3.693840	.4734745	2.005283	.1585610	.4918972	8.322441
#2	3.689705	.4639449	2.011142	.1553491	.4892311	8.465067
#3	3.689630	.4734794	2.009012	.1542653	.4921746	8.402747

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0167948	-.030292	.0076975	47.07449	-.113603	.0739455
Stddev	.0002554	.000064	.0001401	.14155	.002250	.0005281
%RSD	1.520803	.2110637	1.820282	.3006909	1.980194	.7141979

#1	.0168373	-.030304	.0077777	47.09679	-.112194	.0744858
#2	.0170262	-.030223	.0075357	47.20356	-.116197	.0734305
#3	.0165207	-.030350	.0077791	46.92311	-.112418	.0739203

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.263807	343.8944	F 585.8377	9.379906	.0511017	2.036690
Stddev	.003820	.8309	3.9879	.044234	.0009511	.014314
%RSD	.3022971	.2416029	.6807189	.4715803	1.861125	.7028077

#1	1.259411	343.0570	582.2196	9.329132	.0500965	2.053176
#2	1.265687	344.7185	590.1136	9.410097	.0512213	2.027421
#3	1.266323	343.9076	585.1799	9.400491	.0519873	2.029473

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.034303	F -1.16473	4.245073	9.975798	6.564849	.1382541
Stddev	.274214	.05736	.019040	.101764	.015172	.0011659
%RSD	799.3907	4.925070	.4485213	1.020106	.2311045	.8432636

#1	-.077358	-1.10392	4.265226	9.908071	6.552674	.1374674
#2	-.284442	-1.21788	4.227386	10.09282	6.560028	.1377014
#3	.258892	-1.17238	4.242606	9.92650	6.581846	.1395935

Sample Name: K5382-15 Acquired: 10/16/2019 19:31:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GO3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.012646	F 304.4270	1.179448	.0071262	.0211343	-.004202
Stddev	.000695	.2301	.020161	.0045549	.0034938	.000289
%RSD	5.499387	.0755837	1.709400	63.91730	16.53154	6.870393
#1	-.012982	304.5891	1.201559	.0115249	.0251609	-.004133
#2	-.013111	304.1636	1.174701	.0024298	.0193371	-.003954
#3	-.011847	304.5282	1.162083	.0074237	.0189048	-.004519

Elem	Sr4077
Units	ppm
Avg	.0289980
Stddev	.0002381
%RSD	.8209231
#1	.0292050
#2	.0290512
#3	.0287379

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1722.539	3037.382	41748.70	8445.859	2812.592
Stddev	10.563	2.974	172.52	61.149	2.311
%RSD	.6131980	.0979161	.4132321	.7240146	.0821582
#1	1710.780	3038.314	41549.79	8483.993	2811.999
#2	1725.612	3039.779	41857.63	8375.328	2815.142
#3	1731.224	3034.054	41838.68	8478.256	2810.636

Sample Name: K5382-18 Acquired: 10/16/2019 19:43:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GO6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1205891	.0148048	5.138762	-.003037	.0032864	62.18364
Stddev	.0057536	.0024189	.008117	.001868	.0007617	.08900
%RSD	4.771233	16.33864	.1579535	61.51371	23.17782	.1431288

#1	.1139787	.0147005	5.145217	-.003237	.0025054	62.11175
#2	.1244691	.0172741	5.129649	-.004797	.0033267	62.28319
#3	.1233196	.0124397	5.141419	-.001077	.0040272	62.15599

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7119347	.0064892	.0764113	22.01442	.0377817	.0237562
Stddev	.0012034	.0001082	.0003106	.04433	.0004583	.0002476
%RSD	.1690349	1.667775	.4065114	.2013783	1.213060	1.042453

#1	.7105517	.0063692	.0761121	22.04247	.0380286	.0240135
#2	.7127434	.0065795	.0763894	22.03748	.0372528	.0235195
#3	.7125089	.0065188	.0767322	21.96331	.0380636	.0237355

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2271299	61.24494	F 30.25256	16.72055	.0376253	.1296048
Stddev	.0011853	.15904	.01617	.06272	.0001093	.0008815
%RSD	.5218639	.2596827	.0534466	.3750875	.2904799	.6801235

#1	.2280436	61.09587	30.23677	16.64839	.0375363	.1285947
#2	.2275554	61.22659	30.26909	16.76188	.0375924	.1302181
#3	.2257905	61.41236	30.25183	16.75139	.0377473	.1300017

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7308364	.1052505	10.04344	11.91225	1.811587	.0346771
Stddev	.1113468	.0009712	.05251	.03565	.005325	.0007166
%RSD	15.23553	.9227136	.5228199	.2992502	.2939136	2.066574

#1	.6332885	.1063659	10.02428	11.90690	1.807457	.0342287
#2	.7070746	.1047928	10.10284	11.95027	1.809707	.0355036
#3	.8521459	.1045926	10.00320	11.87958	1.817596	.0342990

Sample Name: K5382-18 Acquired: 10/16/2019 19:43:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GO6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084185	11.04019	2.712238	.0047280	.3593743	.0368494
Stddev	.0004139	.01209	.013528	.0023956	.0026701	.0008631
%RSD	4.916648	.1094944	.4987665	50.66881	.7429900	2.342248

#1	.0088182	11.05400	2.726426	.0074607	.3614930	.0363774
#2	.0084456	11.03500	2.699486	.0037332	.3602548	.0378456
#3	.0079917	11.03156	2.710800	.0029900	.3563751	.0363252

Elem	Sr4077
Units	ppm
Avg	.2399391
Stddev	.0007513
%RSD	.3131077

#1	.2405538
#2	.2401618
#3	.2391016

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1873.727	3309.807	46187.82	9305.297	3037.844
Stddev	6.973	9.733	249.11	23.492	2.785
%RSD	.3721583	.2940581	.5393466	.2524539	.0916663

#1	1878.305	3320.333	46462.27	9320.608	3040.622
#2	1865.701	3307.954	45976.01	9317.033	3037.856
#3	1877.174	3301.134	46125.16	9278.249	3035.053

Sample Name: K5382-17 Acquired: 10/16/2019 19:39:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GO5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5026901	.0366938	2.375151	.0047328	.0032844	60.04312
Stddev	.0012204	.0015509	.009661	.0026066	.0009262	.35022
%RSD	.2427785	4.226609	.4067686	55.07465	28.19955	.5832862

#1	.5035828	.0377387	2.379449	.0031320	.0026165	60.11468
#2	.5031881	.0349118	2.364087	.0077405	.0028949	60.35203
#3	.5012994	.0374309	2.381918	.0033258	.0043417	59.66264

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.370230	.0100664	.2553070	4.531687	.0365495	.0544272
Stddev	.007008	.0000874	.0001511	.014479	.0003076	.0002003
%RSD	.2079456	.8685645	.0591695	.3195027	.8416680	.3679977

#1	3.376009	.0101530	.2552333	4.515540	.0366705	.0546365
#2	3.372247	.0099781	.2552069	4.536004	.0367783	.0542374
#3	3.362435	.0100682	.2554808	4.543516	.0361998	.0544076

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.459831	76.86266	F 62.44433	11.06400	.0407393	.0790326
Stddev	.020376	.26817	.65355	.04226	.0003686	.0004907
%RSD	.8283365	.3488890	1.046617	.3819924	.9047354	.6208780

#1	2.475291	77.01174	63.08431	11.09277	.0405180	.0795452
#2	2.467460	77.02316	62.47067	11.08375	.0411648	.0785673
#3	2.436742	76.55308	61.77800	11.01547	.0405352	.0789853

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8644886	.1654297	12.97486	13.95763	3.208272	.0426454
Stddev	.1492149	.0050433	.00539	.01238	.004418	.0003650
%RSD	17.26048	3.048597	.0415217	.0886677	.1376975	.8559344

#1	1.006693	.1703628	12.97540	13.97191	3.213210	.0428049
#2	.877639	.1656435	12.96923	13.95090	3.206909	.0422278
#3	.709134	.1602830	12.97997	13.95008	3.204696	.0429036

Sample Name: K5382-17 Acquired: 10/16/2019 19:39:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GO5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0879223	6.794157	4.867525	.0068935	.8938574	.0470605
Stddev	.0004005	.021425	.062860	.0013228	.0061439	.0008443
%RSD	.4555169	.3153435	1.291424	19.18883	.6873432	1.794104

#1	.0881742	6.798543	4.909512	.0056802	.8951386	.0471825
#2	.0881321	6.770879	4.897809	.0066967	.8871740	.0478372
#3	.0874605	6.813050	4.795256	.0083037	.8992597	.0461618

Elem	Sr4077
Units	ppm
Avg	.5137516
Stddev	.0010970
%RSD	.2135243

#1	.5125469
#2	.5146930
#3	.5140147

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1948.282	3447.140	48208.45	9673.820	3037.999
Stddev	9.686	9.604	326.65	35.701	.814
%RSD	.4971610	.2786078	.6775855	.3690481	.0267910

#1	1945.438	3448.274	48085.73	9632.924	3037.099
#2	1959.072	3437.020	48578.69	9689.779	3038.213
#3	1940.337	3456.127	47960.92	9698.758	3038.684

Sample Name: K5382-19 Acquired: 10/16/2019 19:47:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GO7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4898656	.0076671	14.97447	-.007753	.0043463	11.38358	.0722673
Stddev	.0054763	.0012948	.04675	.003820	.0009760	.03013	.0002474
%RSD	1.117910	16.88731	.3121689	49.27685	22.45593	.2646373	.3423549

#1	.4854743	.0090685	14.92581	-.005303	.0035511	11.41837	.0720180
#2	.4881209	.0065153	14.97856	-.012155	.0040523	11.36622	.0722710
#3	.4960016	.0074177	15.01904	-.005800	.0054355	11.36616	.0725128

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020353	.0420178	1.388798	-.004421	.0037297	.3544819	93.19789
Stddev	.0000161	.0001720	.029046	.000451	.0001480	.0036992	.20130
%RSD	.7916084	.4093920	2.091437	10.20094	3.967464	1.043554	.2159922

#1	.0020539	.0418667	1.355601	-.004292	.0036464	.3572820	93.42864
#2	.0020259	.0419817	1.401251	-.004048	.0036422	.3502884	93.05828
#3	.0020261	.0422050	1.409540	-.004922	.0039006	.3558755	93.10675

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.264733	1.672764	.0002801	.2179273	.4315655	.0286974	14.08414
Stddev	.004878	.023624	.0004651	.0010338	.2004316	.0022630	.02388
%RSD	.0526498	1.412257	166.0189	.4743744	46.44290	7.885668	.1695736

#1	9.264910	1.689716	-.000146	.2178198	.4786852	.0278672	14.07253
#2	9.259769	1.682797	.000211	.2169515	.2117721	.0269668	14.11161
#3	9.269520	1.645780	.000776	.2190107	.6042392	.0312583	14.06828

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.938769	.9068131	.0457560	.0285309	10.98960	1.273778	.0065794
Stddev	.020230	.0010031	.0009201	.0001549	.03459	.010750	.0010443
%RSD	.2915447	.1106144	2.010831	.5429638	.3147808	.8439630	15.87274

#1	6.962128	.9075401	.0455206	.0286957	11.01379	1.266890	.0054827
#2	6.927086	.9056687	.0467709	.0283882	10.94998	1.268279	.0075620
#3	6.927093	.9072304	.0449765	.0285090	11.00504	1.286166	.0066935

Sample Name: K5382-19 Acquired: 10/16/2019 19:47:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GO7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0670395	-.002911	.1290164
Stddev	.0015646	.000557	.0001769
%RSD	2.333897	19.11910	.1371194

#1	.0661986	-.003234	.1288256
#2	.0688448	-.003230	.1290488
#3	.0660751	-.002268	.1291749

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1614.122	2861.215	39920.19	7978.410	3115.608
Stddev	5.830	4.298	61.37	24.015	7.362
%RSD	.3611596	.1502290	.1537218	.3010055	.2362887

#1	1612.373	2864.738	39875.92	7950.682	3123.976
#2	1609.368	2856.426	39894.41	7992.624	3112.717
#3	1620.627	2862.480	39990.24	7991.924	3110.130

Sample Name: K5294-04 Acquired: 10/16/2019 19:51:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBF546 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004283	-.000628	.0006203	-.002872	-.000251	.0095237	.0012738
Stddev	.0026019	.002494	.0009064	.001362	.001682	.0018998	.0004764
%RSD	607.4551	397.0650	146.1259	47.40481	670.1742	19.94824	37.40022

#1	.0027415	-.000090	.0001632	-.004444	-.000795	.0096833	.0013101
#2	.0009320	.001553	.0000334	-.002076	-.001594	.0075492	.0007803
#3	-.002389	-.003347	.0016642	-.002096	.001636	.0113387	.0017310

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000775	-.000007	.1413685	-.000053	-.000260	-.004603	.0087860
Stddev	.0000375	.000045	.0035546	.000310	.000106	.001433	.0059774
%RSD	48.44665	684.8599	2.514458	588.7041	40.68216	31.12682	68.03331

#1	.0000480	.000027	.1380241	.000304	-.000353	-.005217	.0152482
#2	.0001198	-.000058	.1451015	-.000260	-.000282	-.005627	.0076546
#3	.0000647	.000012	.1409799	-.000203	-.000145	-.002966	.0034551

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014665	.0004995	.0002325	-.001016	.3914385	-.000516	.0008100
Stddev	.0001655	.0357477	.0003515	.000193	.3144694	.000916	.0013969
%RSD	11.28219	7156.288	151.2333	18.97358	80.33686	177.6112	172.4567

#1	.0012769	.0396762	.0001118	-.001234	.2195966	-.000424	.0009238
#2	.0015411	-.030349	.0006284	-.000942	.7543861	.000351	.0021465
#3	.0015817	-.007829	-.000043	-.000870	.2003328	-.001475	-.000640

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.604213	.0059632	-.000844	-.000133	.0015731	-.000229	-.001961
Stddev	.076653	.0018545	.000281	.000356	.0038581	.001935	.001408
%RSD	12.68647	31.09902	33.30710	267.3650	245.2489	845.2730	71.84158

#1	-.663825	.0079409	-.000559	.000178	.0055350	.001591	-.000701
#2	-.517745	.0056856	-.001121	-.000521	-.002172	-.000015	-.003481
#3	-.631068	.0042632	-.000852	-.000056	.001357	-.002262	-.001699

Sample Name: K5294-04 Acquired: 10/16/2019 19:51:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBF546 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001901	-.010171	.0004819
Stddev	.0011459	.000737	.0000322
%RSD	602.8176	7.244858	6.689719

#1	-.001023	-.010124	.0005172
#2	.001255	-.010930	.0004539
#3	.000338	-.009459	.0004747

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1553.792	2738.135	38068.58	7528.597	3257.450
Stddev	9.127	6.282	157.58	146.153	3.028
%RSD	.5873751	.2294392	.4139479	1.941302	.0929516

#1	1544.489	2737.051	38021.95	7447.794	3259.993
#2	1562.731	2744.889	38244.22	7697.309	3254.101
#3	1554.156	2732.465	37939.58	7440.686	3258.256

Sample Name: K5294-06 Acquired: 10/16/2019 19:59:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBF530 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0179125	.0007828	.0205075	-.002064	.0012787	.7860721
Stddev	.0051014	.0027742	.0032754	.004075	.0014711	.0087568
%RSD	28.47970	354.3679	15.97190	197.4539	115.0437	1.113995

#1	.0168634	-.000210	.0229749	-.004732	.0015975	.7818340
#2	.0134172	.003917	.0167914	.002627	.0025644	.7802406
#3	.0234570	-.001359	.0217563	-.004086	-.000326	.7961416

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2401200	.0003828	.0000857	253.2422	.0042320	.0013802
Stddev	.0014055	.0000707	.0001271	1.4349	.0002610	.0002215
%RSD	.5853470	18.46916	148.2616	.5666073	6.167809	16.05049

#1	.2389235	.0004259	.0000290	252.2179	.0045236	.0016242
#2	.2397686	.0004213	.0002313	252.6265	.0041523	.0011918
#3	.2416679	.0003012	-.000003	254.8822	.0040201	.0013245

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071249	24.57825	3.580469	104.2063	.0039388	-.001946
Stddev	.0025314	.28949	.025642	.9546	.0003129	.000266
%RSD	35.52841	1.177822	.7161591	.9160529	7.943263	13.67650

#1	.0095765	24.35132	3.565379	103.5207	.0036827	-.002208
#2	.0072775	24.47915	3.565953	103.8016	.0038460	-.001954
#3	.0045207	24.90427	3.610076	105.2965	.0042875	-.001676

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	120.7534	.0078176	.0074619	1.642975	1.008928	.1305970
Stddev	1.1650	.0002135	.0009866	.079043	.005207	.0017975
%RSD	.9647905	2.731097	13.22237	4.810987	.5161125	1.376386

#1	119.7938	.0079614	.0073749	1.558184	1.006630	.1292604
#2	120.4168	.0079190	.0065216	1.656120	1.005265	.1298901
#3	122.0497	.0075723	.0084891	1.714622	1.014889	.1326405

Sample Name: K5294-06 Acquired: 10/16/2019 19:59:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBF530 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028439	F 249.2493	20.14118	-.004575	.0287668	-.006830
Stddev	.0000807	.5226	.23399	.001505	.0021748	.002076
%RSD	2.839342	.2096527	1.161773	32.90413	7.559913	30.40227

#1	.0027716	249.6765	19.95064	-.004793	.0267934	-.005013
#2	.0029310	248.6666	20.07055	-.005959	.0310984	-.009093
#3	.0028290	249.4046	20.40236	-.002972	.0284087	-.006383

Elem	Sr4077
Units	ppm
Avg	1.225673
Stddev	.002780
%RSD	.2268197

#1	1.225753
#2	1.222854
#3	1.228412

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1419.524	2511.879	35263.75	7162.127	2866.186
Stddev	6.676	7.890	138.99	70.190	2.072
%RSD	.4702782	.3141058	.3941427	.9800199	.0723006

#1	1424.276	2514.975	35266.67	7198.626	2865.979
#2	1422.404	2517.750	35123.33	7206.548	2868.355
#3	1411.891	2502.910	35401.26	7081.208	2864.226

Sample Name: K5294-05 Acquired: 10/16/2019 19:55:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBF4K8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121244	.0028524	.0270995	-.001615	.0021940	3.111863
Stddev	.0043344	.0010916	.0009822	.005212	.0028759	.017424
%RSD	35.74959	38.26985	3.624318	322.7446	131.0833	.5599338

#1	.0127562	.0015988	.0282022	-.000180	.0001007	3.121097
#2	.0161083	.0033656	.0263186	-.007393	.0054732	3.091765
#3	.0075088	.0035928	.0267776	.002729	.0010080	3.122726

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0721438	.0002989	.0002609	319.0043	.0119801	.0034948
Stddev	.0001875	.0000642	.0000753	1.6539	.0003610	.0003054
%RSD	.2598415	21.48792	28.86541	.5184490	3.013456	8.739694

#1	.0723033	.0002273	.0001818	319.8844	.0117401	.0033111
#2	.0719373	.0003178	.0002693	317.0964	.0123953	.0033259
#3	.0721910	.0003515	.0003318	320.0320	.0118050	.0038474

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0371563	27.68345	7.564262	124.5803	.0083415	-.002150
Stddev	.0006530	.05970	.023038	.1386	.0005188	.000097
%RSD	1.757565	.2156430	.3045701	.1112393	6.219480	4.504988

#1	.0370255	27.62350	7.566150	124.5044	.0080304	-.002261
#2	.0365785	27.68396	7.540338	124.4963	.0089405	-.002101
#3	.0378648	27.74289	7.586299	124.7402	.0080538	-.002087

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	554.5494	.0241888	.0211198	.4825793	.6902768	.2486625
Stddev	1.8570	.0018456	.0012262	.0396859	.0060410	.0021418
%RSD	.3348681	7.629896	5.805727	8.223709	.8751587	.8613199

#1	555.2487	.0236981	.0210814	.5235821	.6898606	.2491583
#2	552.4443	.0226382	.0199133	.4443564	.6965152	.2463163
#3	555.9553	.0262302	.0223647	.4797995	.6844547	.2505130

Sample Name: K5294-05 Acquired: 10/16/2019 19:55:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBF4K8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012626	F 694.1717	20.50934	-.005948	.0999735	-.005527
Stddev	.0002473	2.3647	.10902	.001269	.0020695	.001370
%RSD	19.58249	.3406466	.5315608	21.33166	2.070080	24.79520
#1	.0011165	693.9513	20.49302	-.007098	.1006089	-.005290
#2	.0015481	696.6388	20.40940	-.006161	.0976608	-.007000
#3	.0011232	691.9249	20.62560	-.004587	.1016509	-.004290

Elem	Sr4077
Units	ppm
Avg	1.613091
Stddev	.013316
%RSD	.8254998
#1	1.622308
#2	1.597824
#3	1.619141

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1402.493	2464.731	34890.26	7048.843	2703.735
Stddev	12.868	10.416	269.72	19.674	11.437
%RSD	.9174817	.4226054	.7730418	.2791051	.4230058
#1	1393.724	2467.550	35042.04	7027.592	2712.289
#2	1396.489	2453.195	34578.85	7066.421	2690.744
#3	1417.265	2473.447	35049.89	7052.515	2708.171

Sample Name: K5294-08 Acquired: 10/16/2019 20:07:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBF4K2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0127894	-.000928	.0140207	.0011122	.0008981	.0558056	.2303781
Stddev	.0020743	.001763	.0006192	.0057563	.0008567	.0056253	.0011349
%RSD	16.21864	190.0590	4.416178	517.5816	95.38800	10.08014	.4926150

#1	.0151330	-.002959	.0144210	.0032840	.0004341	.0622168	.2291037
#2	.0120458	.000196	.0143336	-.005414	.0003735	.0535035	.2312795
#3	.0111895	-.000020	.0133075	.005467	.0018866	.0516966	.2307511

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001818	.0000212	112.6626	.0008192	-.000639	-.002590	10.14265
Stddev	.0000268	.0000095	.1072	.0004581	.000221	.002449	.00130
%RSD	14.77040	44.78398	.0951624	55.92403	34.54870	94.55086	.0128210

#1	.0002120	.0000316	112.6538	.0009176	-.000892	-.003402	10.14144
#2	.0001723	.0000129	112.7739	.0012201	-.000482	.000162	10.14402
#3	.0001609	.0000191	112.5600	.0003198	-.000543	-.004530	10.14247

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.022258	53.37107	.0004116	-.001345	40.53976	.0037227	.0021494
Stddev	.000383	.09544	.0002450	.000535	.15086	.0010809	.0023803
%RSD	.0189481	.1788143	59.52774	39.75298	.3721162	29.03486	110.7450

#1	2.021948	53.26118	.0002050	-.001637	40.38469	.0043180	.0021135
#2	2.022686	53.43318	.0006822	-.001670	40.68602	.0024750	.0045474
#3	2.022139	53.41884	.0003475	-.000728	40.54858	.0043750	-.000213

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.083573	.6904702	.0973922	.0006993	45.14283	21.46341	-.004640
Stddev	.069675	.0032029	.0006917	.0004339	.09210	.23292	.001622
%RSD	83.37000	.4638644	.7102461	62.04134	.2040223	1.085187	34.96729

#1	-.109633	.6874316	.0966202	.0011454	45.11773	21.65601	-.005792
#2	-.136462	.6901638	.0976009	.0006738	45.24488	21.52969	-.002784
#3	-.004625	.6938153	.0979556	.0002788	45.06588	21.20454	-.005343

Sample Name: K5294-08 Acquired: 10/16/2019 20:07:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBF4K2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000703	-.009560	.5744974
Stddev	.0006988	.000972	.0019611
%RSD	994.6328	10.16987	.3413507

#1	.0006603	-.008438	.5766064
#2	.0002519	-.010085	.5727289
#3	-.000701	-.010156	.5741570

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1459.550	2569.372	36052.94	7173.088	3006.110
Stddev	5.031	6.105	182.00	33.774	1.977
%RSD	.3446860	.2375942	.5048126	.4708385	.0657570

#1	1464.431	2572.668	36220.76	7152.245	3007.843
#2	1459.835	2573.121	36078.58	7154.965	3006.530
#3	1454.382	2562.328	35859.48	7212.055	3003.957

Sample Name: K5294-07 Acquired: 10/16/2019 20:03:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBF531 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0226330	.0008443	.0260596	.0002368	.0005170	3.911548
Stddev	.0010371	.0013648	.0021359	.0065473	.0016221	.019326
%RSD	4.582332	161.6514	8.196387	2764.833	313.7467	.4940782

#1	.0227038	-.000682	.0250690	.0019638	-.001339	3.893096
#2	.0215623	.001269	.0245987	-.007001	.001226	3.909906
#3	.0236329	.001946	.0285109	.005748	.001664	3.931643

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4553564	.0004679	.0004918	187.5845	.0084069	.0079914
Stddev	.0005728	.0000621	.0001595	.6107	.0001888	.0003716
%RSD	.1257872	13.27348	32.44175	.3255662	2.246138	4.650190

#1	.4548159	.0004224	.0005927	187.0427	.0086210	.0081674
#2	.4559567	.0005386	.0005748	188.2463	.0083357	.0075645
#3	.4552966	.0004425	.0003078	187.4647	.0082640	.0082423

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0922925	22.42363	3.923370	79.72951	.0606451	-.001981
Stddev	.0024818	.09206	.011380	.19450	.0004182	.000237
%RSD	2.689041	.4105499	.2900520	.2439525	.6895786	11.94078

#1	.0910740	22.46045	3.910287	79.53829	.0608845	-.002205
#2	.0906554	22.31886	3.930977	79.72310	.0608886	-.001734
#3	.0951480	22.49158	3.928846	79.92713	.0601623	-.002006

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	162.6951	.0392613	.0298796	2.496911	1.002260	.2157470
Stddev	.5341	.0014934	.0019159	.054976	.008563	.0018159
%RSD	.3282760	3.803808	6.412085	2.201753	.8543874	.8416610

#1	162.0923	.0376276	.0319997	2.518343	1.006532	.2177812
#2	163.1092	.0396001	.0282723	2.434448	.992401	.2142897
#3	162.8839	.0405562	.0293668	2.537943	1.007846	.2151701

Sample Name: K5294-07 Acquired: 10/16/2019 20:03:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBF531 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023484	F 132.6681	20.54830	-.005589	.1297931	-.006827
Stddev	.0000523	.3217	.16779	.001383	.0022267	.000265
%RSD	2.228472	.2424520	.8165788	24.73985	1.715556	3.879987
#1	.0023938	132.9813	20.72905	-.004032	.1279251	-.006951
#2	.0023602	132.3386	20.39750	-.006674	.1322572	-.006523
#3	.0022912	132.6844	20.51833	-.006062	.1291971	-.007008

Elem	Sr4077
Units	ppm
Avg	1.213912
Stddev	.006495
%RSD	.5350729
#1	1.208470
#2	1.221103
#3	1.212163

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1450.529	2544.100	35899.98	7245.691	2874.691
Stddev	10.981	3.707	68.67	30.127	9.439
%RSD	.7570524	.1456973	.1912726	.4157908	.3283389
#1	1458.748	2545.115	35976.47	7210.986	2867.463
#2	1438.057	2539.992	35843.64	7260.960	2871.241
#3	1454.780	2547.194	35879.83	7265.126	2885.370

Sample Name: K5294-09 Acquired: 10/16/2019 20:11:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBF533 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0158973	-.002288	.0112860	-.001473	.0033429	.1823499	.6179546
Stddev	.0019150	.002825	.0004805	.003952	.0010698	.0088817	.0014685
%RSD	12.04629	123.4376	4.257786	268.3313	32.00038	4.870715	.2376347

#1	.0140074	-.004494	.0107346	-.001322	.0045296	.1868792	.6175793
#2	.0158481	-.003267	.0116154	.002402	.0024526	.1721166	.6195743
#3	.0178365	.000895	.0115080	-.005498	.0030465	.1880539	.6167102

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003145	.0000235	163.4050	.0004791	-.000679	-.002019	16.05236
Stddev	.0001050	.0000237	.4015	.0002373	.000233	.000749	.03068
%RSD	33.40111	100.9874	.2456894	49.52883	34.30430	37.10979	.1911451

#1	.0002560	.0000467	163.7678	.0005546	-.000416	-.001330	16.01845
#2	.0004358	-.000001	163.4737	.0006694	-.000858	-.002816	16.07819
#3	.0002517	.000024	162.9737	.0002132	-.000763	-.001910	16.06044

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.991680	75.28683	.0032755	-.001863	144.5427	.0014800	.0022198
Stddev	.004436	.21835	.0001437	.000131	.2306	.0019371	.0011088
%RSD	.2227028	.2900193	4.388190	7.005287	.1595589	130.8875	49.95141

#1	1.994620	75.05449	.0031349	-.001840	144.2930	.0020726	.0021067
#2	1.993842	75.48779	.0032693	-.001745	144.7477	-.000684	.0033809
#3	1.986578	75.31819	.0034222	-.002003	144.5875	.003052	.0011719

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.021510	1.031306	.1227313	.0038585	65.00131	14.92079	-.004035
Stddev	.102218	.002023	.0006306	.0004112	.11632	.00546	.000888
%RSD	5.056503	.1961490	.5138257	10.65743	.1789538	.0366131	22.01608

#1	1.976367	1.032605	.1231620	.0033846	64.97075	14.92160	-.003351
#2	1.949635	1.028975	.1220075	.0041214	64.90333	14.92580	-.005039
#3	2.138527	1.032337	.1230245	.0040694	65.12987	14.91497	-.003716

Sample Name: K5294-09 Acquired: 10/16/2019 20:11:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBF533 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0044028	-.007673	1.149150
Stddev	.0009197	.001288	.004150
%RSD	20.88963	16.78620	.3611533

#1	.0049025	-.006186	1.153280
#2	.0049645	-.008442	1.149189
#3	.0033414	-.008391	1.144980

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1434.655	2523.255	35500.17	7175.989	2897.502
Stddev	4.447	4.813	215.43	2.415	2.500
%RSD	.3099514	.1907629	.6068454	.0336553	.0862675

#1	1438.187	2527.015	35713.81	7176.177	2898.808
#2	1429.661	2517.830	35503.71	7178.304	2894.620
#3	1436.117	2524.920	35282.99	7173.485	2899.078

Sample Name: K5294-10 Acquired: 10/16/2019 20:15:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBF558 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078473	.0008586	.0160145	.0046110	.0005996	.0323222	.2297972
Stddev	.0016598	.0003533	.0012520	.0044842	.0019367	.0043648	.0002365
%RSD	21.15110	41.14639	7.817902	97.24990	322.9877	13.50415	.1029104

#1	.0087597	.0009832	.0145692	-.000532	.0027648	.0275239	.2296078
#2	.0059315	.0004599	.0167107	.006659	.0000015	.0360571	.2297214
#3	.0088507	.0011327	.0167638	.007706	-.000967	.0333855	.2300622

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002149	.0000551	110.5925	.0004738	-.000783	-.000847	10.10669
Stddev	.0000602	.0000653	.1324	.0004524	.000065	.002625	.01056
%RSD	28.02035	118.3922	.1197427	95.49166	8.350820	310.0216	.1045099

#1	.0001454	.0001270	110.5209	.0009074	-.000718	-.003727	10.10356
#2	.0002512	.0000388	110.7454	.0000047	-.000849	.001412	10.09804
#3	.0002482	-.000000	110.5113	.0005092	-.000782	-.000225	10.11846

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.951759	52.44564	-.000058	-.001072	40.22705	.0015186	.0016802
Stddev	.003967	.02575	.000360	.000210	.05618	.0006991	.0011950
%RSD	.2032639	.0491012	615.6218	19.59693	.1396561	46.03718	71.12058

#1	1.950371	52.45221	-.000155	-.001248	40.17525	.0017127	.0024855
#2	1.956234	52.41724	-.000361	-.000840	40.21913	.0007430	.0003072
#3	1.948673	52.46747	.000340	-.001129	40.28677	.0021002	.0022479

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.155212	.6937875	.0945466	.0009538	44.21561	20.93676	-.004101
Stddev	.028424	.0075745	.0005919	.0002467	.14448	.01577	.000529
%RSD	18.31300	1.091755	.6260373	25.86043	.3267588	.0753224	12.90178

#1	-.133839	.6981685	.0945727	.0011728	44.17499	20.92057	-.003495
#2	-.187470	.6850412	.0951249	.0006866	44.09579	20.93761	-.004473
#3	-.144328	.6981527	.0939420	.0010021	44.37605	20.95208	-.004335

Sample Name: K5294-10 Acquired: 10/16/2019 20:15:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBF558 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000921	-.007339	.5622466
Stddev	.001564	.000717	.0020138
%RSD	169.7200	9.773721	.3581642

#1	.000884	-.007123	.5607837
#2	-.001858	-.008139	.5645434
#3	-.001790	-.006754	.5614128

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1460.241	2561.998	36199.78	7201.521	3004.647
Stddev	7.598	3.882	213.68	28.872	6.152
%RSD	.5203469	.1515040	.5902695	.4009127	.2047460

#1	1456.918	2563.512	36431.41	7230.035	3008.877
#2	1468.935	2557.588	36010.35	7202.225	3007.474
#3	1454.871	2564.894	36157.57	7172.304	2997.589

Sample Name: K5294-12 Acquired: 10/16/2019 20:23:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBF534 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0205843	-.000753	.0114845	.0019394	.0004284	.0521311	.4755557
Stddev	.0087809	.002490	.0016116	.0014182	.0020101	.0069848	.0010294
%RSD	42.65815	330.4789	14.03287	73.12905	469.2237	13.39852	.2164650

#1	.0281264	.001041	.0103199	.0029343	-.001889	.0529348	.4757789
#2	.0109446	-.003595	.0133238	.0003154	.001694	.0447792	.4764552
#3	.0226819	.000294	.0108098	.0025683	.001480	.0586793	.4744330

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000923	.0000349	141.6506	.0039402	-.000523	-.000615	5.321940
Stddev	.0001143	.0000567	.4947	.0005026	.000226	.001601	.027358
%RSD	123.8635	162.3184	.3492572	12.75556	43.21868	260.3335	.5140552

#1	.0001498	.0000912	142.0435	.0043333	-.000546	.000979	5.347369
#2	.0001664	.0000357	141.8132	.0041134	-.000736	-.002224	5.325457
#3	-.000039	-.000022	141.0950	.0033739	-.000286	-.000601	5.292993

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.363885	73.08527	.0018701	-.001058	151.9236	.0028069	.0018968
Stddev	.007857	.33333	.0004967	.000134	.6955	.0032638	.0001764
%RSD	.3323603	.4560830	26.55779	12.68400	.4578166	116.2792	9.297136

#1	2.371453	73.37450	.0022970	-.000962	151.6142	.0011235	.0018731
#2	2.364435	73.16059	.0019883	-.001211	152.7201	.0007284	.0020838
#3	2.355768	72.72073	.0013250	-.001000	151.4364	.0065687	.0017335

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.466108	.9578811	.1123165	.0038944	49.05039	14.71924	-.004428
Stddev	.051802	.0104845	.0009217	.0002738	.08257	.11132	.000973
%RSD	3.533267	1.094554	.8206562	7.030905	.1683419	.7562983	21.97057

#1	1.426447	.9603430	.1122982	.0040809	49.09849	14.81115	-.003862
#2	1.524716	.9463846	.1132472	.0040222	48.95505	14.75110	-.003870
#3	1.447162	.9669155	.1114040	.0035800	49.09764	14.59546	-.005551

Sample Name: K5294-12 Acquired: 10/16/2019 20:23:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBF534 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000217	-.007253	.9424668
Stddev	.002998	.000541	.0012145
%RSD	1378.271	7.461112	.1288646

#1	.003169	-.006628	.9421156
#2	-.002531	-.007570	.9438182
#3	-.001290	-.007561	.9414666

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1433.760	2527.503	35516.20	7176.638	2902.197
Stddev	9.070	7.354	207.46	45.193	2.836
%RSD	.6326052	.2909767	.5841304	.6297284	.0977095

#1	1443.089	2531.822	35666.29	7178.644	2899.899
#2	1433.218	2519.011	35279.46	7130.475	2901.326
#3	1424.973	2531.676	35602.85	7220.795	2905.366

Sample Name: K5294-11 Acquired: 10/16/2019 20:19:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBF532 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0155402	-.001952	.0128379	.0003347	.0000305	.1925805	.2980267
Stddev	.0026037	.001587	.0004024	.0014853	.0024408	.0096899	.0003983
%RSD	16.75494	81.28604	3.134665	443.7431	8014.278	5.031631	.1336326

#1	.0138041	-.000362	.0125065	.0020486	-.000987	.1986657	.2980101
#2	.0142824	-.003535	.0127215	-.000576	.002815	.1976694	.2984330
#3	.0185340	-.001958	.0132857	-.000468	-.001737	.1814063	.2976370

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002560	.0000301	82.56641	.0025557	-.000950	.0012569	10.77837
Stddev	.0000121	.0000530	.10941	.0002253	.000117	.0021324	.02996
%RSD	4.728652	175.9260	.1325086	8.816144	12.26942	169.6609	.2779304

#1	.0002510	-.000023	82.55435	.0022961	-.001071	-.001178	10.80672
#2	.0002473	.000083	82.46353	.0027010	-.000838	.002792	10.78137
#3	.0002698	.000031	82.68135	.0026699	-.000943	.002157	10.74703

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8187773	38.18085	.0008941	-.001502	87.70694	.0022676	.0014327
Stddev	.0020423	.08406	.0004015	.000359	.07958	.0022144	.0003873
%RSD	.2494297	.2201631	44.90863	23.89751	.0907286	97.65552	27.03248

#1	.8192924	38.13962	.0004776	-.001789	87.77693	.0042670	.0009934
#2	.8165268	38.12537	.0012788	-.001099	87.72351	-.000112	.0017248
#3	.8205127	38.27757	.0009259	-.001617	87.62039	.002648	.0015799

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.129010	1.606429	.1488585	.0053141	2.203124	16.46841	-.003499
Stddev	.071783	.005600	.0010260	.0003617	.006741	.01784	.000792
%RSD	1.399555	.3485742	.6892309	6.806004	.3059933	.1083581	22.64999

#1	5.208164	1.601389	.1499084	.0048995	2.195534	16.45172	-.004412
#2	5.068129	1.612457	.1478583	.0054785	2.208413	16.46627	-.002994
#3	5.110736	1.605442	.1488086	.0055645	2.205427	16.48722	-.003090

Sample Name: K5294-11 Acquired: 10/16/2019 20:19:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBF532 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0063225	-.008290	.6058966
Stddev	.0016982	.001475	.0015257
%RSD	26.86021	17.79336	.2518015

#1	.0062425	-.009617	.6050307
#2	.0046656	-.006702	.6050010
#3	.0080593	-.008553	.6076582

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1477.003	2589.968	36427.21	7208.125	3004.260
Stddev	5.159	6.669	98.89	4.207	4.068
%RSD	.3493027	.2574857	.2714740	.0583669	.1353948

#1	1478.709	2596.134	36507.17	7210.803	3008.604
#2	1471.207	2590.881	36316.63	7203.276	3003.635
#3	1481.093	2582.890	36457.82	7210.296	3000.541

Sample Name: K5294-13 Acquired: 10/16/2019 20:28:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBF549 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040678	.0003004	.0014539	-.003466	.0023977	.0151355	.0019289
Stddev	.0032873	.0027182	.0016883	.001618	.0013320	.0054850	.0005389
%RSD	80.81328	904.9945	116.1238	46.68410	55.55243	36.23927	27.93873

#1	.0006070	-.001654	-.000123	-.003188	.0017854	.0214691	.0024418
#2	.0071486	.003404	.003235	-.005204	.0014820	.0119677	.0019776
#3	.0044478	-.000849	.001249	-.002005	.0039258	.0119698	.0013673

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001390	.0001416	.0342624	.0003936	-.000266	-.002834	.0336997
Stddev	.0000989	.0000545	.0107829	.0005603	.000144	.001006	.0041701
%RSD	71.10621	38.52151	31.47146	142.3690	54.21639	35.48317	12.37425

#1	.0002347	.0000978	.0254558	.0009116	-.000318	-.002529	.0381421
#2	.0001451	.0001243	.0462883	.0004703	-.000376	-.002016	.0330875
#3	.0000373	.0002027	.0310432	-.000201	-.000103	-.003957	.0298696

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016663	.0175696	-.000054	-.001373	.2763761	-.000755	-.002307
Stddev	.0002120	.0141834	.000503	.000293	.2177132	.001483	.001441
%RSD	12.72511	80.72703	924.1271	21.37408	78.77425	196.3840	62.45177

#1	.0018438	.0035185	.000075	-.001245	.3495166	-.000897	-.003770
#2	.0014315	.0318818	.000371	-.001165	.4481009	.000794	-.000889
#3	.0017235	.0173086	-.000610	-.001708	.0315106	-.002162	-.002262

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.593729	.0104602	-.001425	-.000116	.0254570	.0138767	-.002067
Stddev	.072992	.0015915	.000714	.000319	.0016928	.0017573	.000922
%RSD	12.29374	15.21525	50.12864	274.1309	6.649578	12.66346	44.61507

#1	-.515746	.0106389	-.001243	.000207	.0273849	.0123001	-.003053
#2	-.605030	.0087868	-.002212	-.000125	.0242139	.0157712	-.001226
#3	-.660411	.0119548	-.000819	-.000430	.0247722	.0135587	-.001920

Sample Name: K5294-13 Acquired: 10/16/2019 20:28:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBF549 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003076	-.009515	.0003304
Stddev	.0005409	.001850	.0000392
%RSD	175.8373	19.44540	11.86630

#1	.0008266	-.007397	.0003737
#2	-.000253	-.010817	.0003202
#3	.000349	-.010331	.0002973

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1517.410	2667.831	37241.22	7314.038	3177.282
Stddev	6.374	5.191	114.63	58.298	2.208
%RSD	.4200574	.1945899	.3078109	.7970713	.0694883

#1	1510.256	2668.047	37163.93	7375.192	3179.825
#2	1522.484	2662.536	37372.93	7307.828	3175.862
#3	1519.490	2672.912	37186.82	7259.093	3176.158

Sample Name: CCV018 Acquired: 10/16/2019 20:32:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.067652	4.513487	23.09025	F 4.489294	F 5.558444	412.2103
Stddev	.012769	.018405	.05721	.020781	.018988	1.9223
%RSD	.2519642	.4077829	.2477814	.4628902	.3415982	.4663276

#1	5.052962	4.529677	23.15427	4.482333	5.543281	412.0551
#2	5.076088	4.517315	23.07234	4.512662	5.552311	414.2054
#3	5.073905	4.493469	23.04413	4.472889	5.579740	410.3703

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.94600	.5050381	2.527309	395.6475	16.83803	2.324256
Stddev	.03910	.0038303	.002936	1.8143	.05158	.004587
%RSD	.3572353	.7584115	.1161709	.4585613	.3063455	.1973530

#1	10.95420	.5059333	2.530065	394.9344	16.88111	2.329509
#2	10.98035	.5083415	2.524221	397.7100	16.85212	2.322219
#3	10.90345	.5008395	2.527642	394.2981	16.78087	2.321040

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.58289	426.2442	14.54196	417.2189	2.649926	1.241893
Stddev	.10064	1.1118	.04523	.9777	.007394	.004099
%RSD	.6458174	.2608272	.3110280	.2343444	.2790363	.3300381

#1	15.58101	426.5123	14.53695	417.3454	2.658459	1.246037
#2	15.68446	427.1974	14.58948	418.1273	2.645908	1.237841
#3	15.48321	425.0229	14.49944	416.1841	2.645410	1.241801

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	424.9455	2.541455	14.41826	161.0816	5.171030	4.886546
Stddev	1.9213	.012557	.03898	.6825	.005913	.032054
%RSD	.4521292	.4940906	.2703778	.4237246	.1143442	.6559573

#1	424.4910	2.550222	14.37526	161.1208	5.169634	4.882839
#2	427.0533	2.547074	14.42825	161.7437	5.177515	4.920292
#3	423.2921	2.527070	14.45128	160.3803	5.165940	4.856507

Sample Name: CCV018 Acquired: 10/16/2019 20:32:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV018 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.433510	5.426965	4.955032	5.005907	4.883763	5.208549
Stddev	.015713	.006112	.042962	.001512	.013309	.010389
%RSD	.2891813	.1126225	.8670458	.0302124	.2725094	.1994509
#1	5.417594	5.430630	4.952538	5.007000	4.874556	5.207495
#2	5.433923	5.430355	4.999187	5.004181	4.899022	5.219424
#3	5.449012	5.419909	4.913371	5.006539	4.877710	5.198728

Elem	Sr4077
Units	ppm
Avg	4.559592
Stddev	.043172
%RSD	.9468451
#1	4.594255
#2	4.511233
#3	4.573289

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1210.991	2149.380	31866.00	6651.507	2372.616
Stddev	7.216	2.327	230.38	27.151	7.275
%RSD	.5958738	.1082676	.7229770	.4081992	.3066291
#1	1207.870	2148.811	31688.02	6624.717	2364.226
#2	1219.242	2151.939	32126.22	6650.800	2377.174
#3	1205.860	2147.390	31783.76	6679.006	2376.448

Sample Name: CCB018 Acquired: 10/16/2019 20:36:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN 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	.0030776	-.001282	.0039230	-.003538	.0073633	.0064443	.0003440
Stddev	.0020347	.001678	.0015087	.005199	.0018512	.0092024	.0001781
%RSD	66.11267	130.8694	38.45869	146.9456	25.14108	142.8001	51.77860

#1	.0052837	.000091	.0021866	.000186	.0075518	.0170052	.0004759
#2	.0026747	-.003153	.0049140	-.009478	.0054251	.0001472	.0001414
#3	.0012746	-.000785	.0046683	-.001323	.0091131	.0021804	.0004149

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000264	.0000617	-.010256	.0008764	-.000286	-.003952	.0045203
Stddev	.0000377	.0000227	.008259	.0003118	.000227	.000475	.0074284
%RSD	143.1900	36.77271	80.52516	35.58260	79.44873	12.02932	164.3358

#1	.0000681	.0000848	-.005767	.0008273	-.000278	-.004283	.0093089
#2	.0000164	.0000394	-.005215	.0005920	-.000063	-.003407	-.004037
#3	-.000005	.0000610	-.019787	.0012098	-.000517	-.004165	.008289

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003825	.0102680	.0000881	-.001438	.1788646	.0017217	-.001504
Stddev	.0001712	.0261937	.0001462	.000164	.3328453	.0029437	.001124
%RSD	44.76068	255.1008	165.8909	11.43971	186.0878	170.9810	74.74068

#1	.0002202	.0307678	.0002409	-.001248	.1546470	.0049701	-.001783
#2	.0003659	-.019241	-.000050	-.001533	.5231573	-.000769	-.002461
#3	.0005613	.019278	.000074	-.001532	-.141210	.000964	-.000266

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.080342	.0069464	.0089083	.0006012	.0206778	-.001349	-.000385
Stddev	.022193	.0011817	.0000875	.0008322	.0019262	.000961	.001324
%RSD	27.62339	17.01227	.9824061	138.4125	9.315150	71.20108	343.6784

#1	-.105706	.0067358	.0090028	.0014117	.0189094	-.002179	.001047
#2	-.070827	.0058842	.0088301	.0006430	.0227302	-.000297	-.000638
#3	-.064492	.0082193	.0088919	-.000251	.0203939	-.001571	-.001564

Sample Name: CCB018 Acquired: 10/16/2019 20:36:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB018 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003143	.0047184	.0001329
Stddev	.0013509	.0012752	.0000716
%RSD	429.8386	27.02551	53.88839

#1	.0014576	.0060560	.0002141
#2	.0006616	.0045829	.0000788
#3	-.001176	.0035164	.0001059

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1451.078	2537.091	35868.74	7052.440	3033.488
Stddev	5.392	2.336	104.60	55.487	4.315
%RSD	.3716157	.0920693	.2916284	.7867788	.1422613

#1	1451.723	2537.056	35876.47	7054.493	3036.490
#2	1445.392	2534.773	35969.26	6995.955	3035.433
#3	1456.119	2539.444	35760.48	7106.872	3028.543

Sample Name: K5294-14 Acquired: 10/16/2019 20:40:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBF4K4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0233248	.0031485	.0175741	.0039267	.0026944	.6452367
Stddev	.0036364	.0011653	.0009105	.0021431	.0027260	.0147976
%RSD	15.59039	37.01229	5.180743	54.57707	101.1731	2.293352

#1	.0194004	.0044543	.0185976	.0054466	.0004993	.6413918
#2	.0239937	.0027772	.0168543	.0014755	.0018382	.6327412
#3	.0265804	.0022141	.0172704	.0048580	.0057458	.6615772

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0765929	-.000354	.0001185	292.9406	.0102764	.0021412
Stddev	.0002201	.000150	.0000917	.6990	.0005807	.0004761
%RSD	.2873224	42.34418	77.37852	.2386264	5.650783	22.23265

#1	.0763411	-.000463	.0001912	292.1598	.0105589	.0023948
#2	.0766895	-.000416	.0000155	293.5082	.0106619	.0024369
#3	.0767483	-.000183	.0001487	293.1538	.0096086	.0015921

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016352	8.291895	12.52932	139.5574	.0153559	-.000790
Stddev	.0025564	.034246	.02251	.2266	.0004312	.000188
%RSD	156.3399	.4130044	.1796896	.1623817	2.807826	23.82081

#1	.0033958	8.261377	12.50355	139.5132	.0154804	-.000913
#2	.0028067	8.285376	12.54515	139.8029	.0148762	-.000573
#3	-.001297	8.328931	12.53927	139.3562	.0157111	-.000882

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	94.26865	.0039391	.0037858	.0986175	.7945728	.1064886
Stddev	.42477	.0008919	.0022314	.0380937	.0049523	.0008661
%RSD	.4505998	22.64116	58.94014	38.62770	.6232669	.8132828

#1	93.79075	.0032509	.0045001	.0783709	.7907547	.1057014
#2	94.60320	.0049467	.0012848	.1425591	.8001686	.1063481
#3	94.41202	.0036198	.0055726	.0749223	.7927951	.1074163

Sample Name: K5294-14 Acquired: 10/16/2019 20:40:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBF4K4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022709	F 320.5777	19.42679	-.005253	.0248964	-.005599
Stddev	.0003379	1.2528	.05139	.001256	.0024590	.000663
%RSD	14.87809	.3907888	.2645394	23.90924	9.876981	11.84981

#1	.0018832	320.9691	19.39093	-.006599	.0238028	-.005345
#2	.0024268	321.5881	19.48567	-.004112	.0277125	-.005100
#3	.0025026	319.1760	19.40378	-.005047	.0231739	-.006352

Elem	Sr4077
Units	ppm
Avg	1.459879
Stddev	.002990
%RSD	.2048305

#1	1.457067
#2	1.463020
#3	1.459549

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1413.449	2467.062	35287.87	7138.851	2835.492
Stddev	6.758	6.682	42.92	23.852	5.083
%RSD	.4781063	.2708481	.1216251	.3341122	.1792693

#1	1420.142	2473.600	35298.88	7163.617	2840.906
#2	1406.629	2467.342	35324.22	7116.033	2830.822
#3	1413.576	2460.245	35240.53	7136.901	2834.749

Sample Name: K5294-15 Acquired: 10/16/2019 20:44:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBF4K5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0139523	-.000309	.0151576	-.001499	.0028842	.7709230
Stddev	.0017332	.004383	.0032078	.004029	.0010322	.0027651
%RSD	12.42259	1418.744	21.16304	268.7742	35.78978	.3586756

#1	.0147497	-.005071	.0158957	.002265	.0040754	.7739770
#2	.0151434	.003556	.0116451	-.001012	.0022529	.7702026
#3	.0119639	.000589	.0179320	-.005750	.0023242	.7685894

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0853984	.0001958	.0000943	186.2900	.0041907	.0007089
Stddev	.0007184	.0000787	.0000530	.3164	.0004309	.0002773
%RSD	.8412369	40.18191	56.18009	.1698401	10.28327	39.11288

#1	.0862112	.0002798	.0000397	186.5918	.0040555	.0008264
#2	.0848484	.0001837	.0001456	185.9608	.0046730	.0009080
#3	.0851355	.0001239	.0000977	186.3173	.0038436	.0003922

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047901	6.259093	2.807407	82.07442	.0028361	-.001275
Stddev	.0003579	.022625	.003559	.16261	.0002268	.000213
%RSD	7.472330	.3614820	.1267687	.1981208	7.995256	16.72339

#1	.0051842	6.284316	2.811343	82.26014	.0030817	-.001352
#2	.0044853	6.240587	2.804416	82.00548	.0027919	-.001034
#3	.0047007	6.252374	2.806462	81.95763	.0026348	-.001439

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	126.7304	.0038243	.0075453	-.044097	.3264360	.2884934
Stddev	.3560	.0037295	.0014398	.095467	.0015941	.0015574
%RSD	.2809291	97.52206	19.08208	216.4937	.4883354	.5398405

#1	127.0539	-.000163	.0068665	.062230	.3254496	.2894412
#2	126.3490	.007226	.0065704	-.072065	.3255833	.2893431
#3	126.7883	.004410	.0091990	-.122456	.3282751	.2866960

Sample Name: K5294-15 Acquired: 10/16/2019 20:44:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBF4K5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011493	F 179.0712	22.26721	-.005034	.0303177	-.007093
Stddev	.0004206	.5944	.06719	.000779	.0009049	.001309
%RSD	36.59402	.3319603	.3017460	15.47611	2.984624	18.45746
#1	.0010891	178.9985	22.34455	-.004792	.0298927	-.006457
#2	.0007620	178.5164	22.23392	-.004404	.0313568	-.006223
#3	.0015967	179.6986	22.22317	-.005905	.0297035	-.008599

Elem	Sr4077
Units	ppm
Avg	1.055704
Stddev	.004279
%RSD	.4053113
#1	1.052943
#2	1.053536
#3	1.060633

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1426.634	2498.745	35376.47	7085.449	2884.662
Stddev	.498	11.006	115.73	12.903	17.768
%RSD	.0349366	.4404618	.3271430	.1821014	.6159395
#1	1426.804	2510.859	35482.25	7081.356	2897.057
#2	1426.073	2496.014	35252.86	7099.902	2892.623
#3	1427.025	2489.361	35394.32	7075.089	2864.306

Sample Name: K5294-16 Acquired: 10/16/2019 20:48:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBF548 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000423	-.000784	.0012710	-.004145	.0009562	.0198863	.0009940
Stddev	.0075239	.000631	.0001604	.002123	.0020794	.0089969	.0003827
%RSD	17784.56	80.53769	12.62253	51.20833	217.4603	45.24180	38.50380

#1	-.003386	-.000059	.0012505	-.001766	-.001050	.0128945	.0010754
#2	-.005157	-.001078	.0011217	-.005847	.003102	.0167279	.0005771
#3	.008670	-.001214	.0014406	-.004823	.000816	.0300366	.0013294

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000237	.0000601	.0175091	.0007095	-.000219	-.002052	.0406106
Stddev	.0000895	.0000255	.0153962	.0001658	.000168	.001731	.0041606
%RSD	378.1442	42.41950	87.93288	23.36760	76.72642	84.35207	10.24521

#1	.0000882	.0000361	.0082359	.0006785	-.000187	-.000870	.0428026
#2	.0000613	.0000574	.0352814	.0005613	-.000069	-.004039	.0432170
#3	-.000079	.0000869	.0090098	.0008885	-.000400	-.001247	.0358123

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012362	.0082044	.0000078	-.001350	.3969554	.0022058	-.002260
Stddev	.0003641	.0117366	.0002821	.000132	.4002805	.0042285	.001178
%RSD	29.45054	143.0536	3608.524	9.812736	100.8376	191.7034	52.12031

#1	.0012473	.0105127	.0003214	-.001213	.0169113	.0068411	-.001148
#2	.0015945	-.004515	-.000226	-.001359	.8147916	-.001441	-.003494
#3	.0008667	.018615	-.000072	-.001478	.3591634	.001217	-.002137

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.538091	.0063912	-.000394	-.000350	.0355154	.0259585	-.001841
Stddev	.025527	.0003005	.000720	.000505	.0016117	.0017933	.000824
%RSD	4.744035	4.702420	182.8339	144.1907	4.538095	6.908342	44.74417

#1	-.541212	.0061813	.000291	.000230	.0372811	.0248524	-.002572
#2	-.511147	.0062568	-.000328	-.000690	.0341233	.0280276	-.000949
#3	-.561914	.0067355	-.001144	-.000591	.0351419	.0249955	-.002001

Sample Name: K5294-16 Acquired: 10/16/2019 20:48:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBF548 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008046	-.008862	.0002329
Stddev	.0005409	.000258	.0000382
%RSD	67.21954	2.915555	16.41392

#1	.0014027	-.008624	.0001958
#2	.0006611	-.008826	.0002307
#3	.0003500	-.009137	.0002722

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1496.160	2614.117	36688.68	7130.017	3111.955
Stddev	5.228	1.298	46.61	23.443	3.275
%RSD	.3494330	.0496563	.1270461	.3287921	.1052389

#1	1490.136	2613.935	36639.88	7150.805	3108.749
#2	1498.831	2615.497	36693.42	7104.607	3115.295
#3	1499.513	2612.920	36732.74	7134.638	3111.820

Sample Name: K5294-17 Acquired: 10/16/2019 20:52:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBF4K7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0228594	.0037979	.1975499	-.000721	.0043906	10.04610
Stddev	.0028783	.0013939	.0032904	.010032	.0015207	.04584
%RSD	12.59138	36.70064	1.665590	1390.604	34.63508	.4562719

#1	.0195973	.0047608	.2006891	.005063	.0039416	10.08418
#2	.0239392	.0021996	.1941267	-.012305	.0060852	9.99523
#3	.0250417	.0044335	.1978338	.005078	.0031449	10.05890

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1104442	.0009598	.0012963	630.2807	.0406657	.0240477
Stddev	.0007279	.0000465	.0001386	3.9550	.0008352	.0002234
%RSD	.6590367	4.844217	10.69381	.6274977	2.053839	.9291406

#1	.1097405	.0010105	.0014269	627.2376	.0416301	.0238966
#2	.1103982	.0009498	.0011509	634.7512	.0401799	.0239421
#3	.1111940	.0009191	.0013112	628.8532	.0401871	.0243043

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1733383	48.15212	9.975764	296.5525	.0341469	-.003007
Stddev	.0021630	.07526	.005559	.4765	.0000781	.000392
%RSD	1.247850	.1562921	.0557202	.1606682	.2285747	13.05020

#1	.1758244	48.16255	9.981898	297.0533	.0341547	-.002875
#2	.1723022	48.07220	9.971060	296.4992	.0340653	-.002697
#3	.1718882	48.22163	9.974334	296.1049	.0342208	-.003448

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1013.996	.0980336	.0896637	1.882045	.9581011	.2261624
Stddev	2.964	.0019523	.0002547	.017497	.0074740	.0023306
%RSD	.2923137	1.991503	.2840864	.9296854	.7800888	1.030508

#1	1017.408	.0957948	.0899223	1.871798	.9665863	.2242025
#2	1012.064	.0989241	.0896557	1.902248	.9552234	.2255453
#3	1012.515	.0993819	.0894130	1.872088	.9524936	.2287395

Sample Name: K5294-17 Acquired: 10/16/2019 20:52:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBF4K7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010471	F 1210.687	32.58525	-.004195	.1848288	.0006907
Stddev	.0004263	2.744	.09428	.001350	.0012671	.0017258
%RSD	40.71287	.2266360	.2893315	32.17580	.6855562	249.8678

#1	.0009951	1211.937	32.69156	-.003578	.1862676	.0023872
#2	.0006492	1207.541	32.55237	-.003263	.1843397	-.001063
#3	.0014971	1212.584	32.51181	-.005742	.1838792	.000748

Elem	Sr4077
Units	ppm
Avg	3.370967
Stddev	.066967
%RSD	1.986587

#1	3.397372
#2	3.294822
#3	3.420706

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1312.792	2303.025	32648.13	6831.624	2426.962
Stddev	8.082	3.373	227.01	33.029	14.496
%RSD	.6156382	.1464462	.6953127	.4834777	.5972997

#1	1316.138	2299.474	32888.00	6830.779	2410.665
#2	1303.574	2306.185	32436.65	6799.026	2438.418
#3	1318.663	2303.415	32619.74	6865.068	2431.804

Sample Name: K5294-18 Acquired: 10/16/2019 20:56:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBF4K9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055283	-.000697	.0095436	.0015133	.0036591	.1376273	.1729036
Stddev	.0039134	.002489	.0021447	.0056872	.0034613	.0070480	.0013001
%RSD	70.78862	356.8433	22.47294	375.8090	94.59472	5.121101	.7518936

#1	.0013057	.001574	.0090487	.0080678	.0066329	.1457423	.1727766
#2	.0062460	-.000308	.0118925	-.001412	.0044848	.1341035	.1716717
#3	.0090332	-.003358	.0076896	-.002116	-.000140	.1330361	.1742625

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002302	.0000510	54.73098	.0021221	-.000335	.0011372	5.213200
Stddev	.0000759	.0001472	.12856	.0001979	.000051	.0012097	.047551
%RSD	32.97867	288.6741	.2348955	9.326785	15.31036	106.3751	.9121233

#1	.0002560	-.000078	54.61827	.0019270	-.000390	.0019343	5.217466
#2	.0002899	.000211	54.70366	.0021165	-.000288	.0017319	5.163660
#3	.0001448	.000020	54.87100	.0023228	-.000328	-.000255	5.258474

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8137847	24.23824	.0015437	-.001408	146.7651	.0034584	.0019183
Stddev	.0005364	.13615	.0004796	.000445	1.1752	.0049139	.0014000
%RSD	.0659079	.5617348	31.06545	31.61387	.8007650	142.0843	72.98226

#1	.8138331	24.25331	.0010001	-.001537	146.9951	.0066197	.0029707
#2	.8142953	24.09519	.0017242	-.000913	145.4918	.0059584	.0003294
#3	.8132259	24.36624	.0019069	-.001776	147.8083	-.002203	.0024550

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3653514	.5760765	.2445023	.0054484	65.81202	13.81420	-.002961
Stddev	.0436805	.0013544	.0057494	.0005764	.12987	.20977	.000615
%RSD	11.95576	.2351088	2.351484	10.57933	.1973419	1.518524	20.78531

#1	.3219308	.5762261	.2478758	.0051193	65.79289	13.96614	-.003040
#2	.3648359	.5746535	.2378637	.0061140	65.69276	13.57486	-.003533
#3	.4092873	.5773499	.2477673	.0051119	65.95039	13.90159	-.002310

Sample Name: K5294-18 Acquired: 10/16/2019 20:56:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBF4K9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0040324	-.007649	.3737666
Stddev	.0007761	.001790	.0022910
%RSD	19.24722	23.40676	.6129516

#1	.0040264	-.007688	.3718048
#2	.0032592	-.005839	.3762844
#3	.0048114	-.009419	.3732106

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1458.903	2532.276	35667.44	7109.158	2980.272
Stddev	16.227	9.888	331.00	42.672	9.055
%RSD	1.112293	.3904684	.9280064	.6002357	.3038376

#1	1463.019	2540.734	35751.79	7064.175	2990.238
#2	1441.014	2534.688	35302.43	7149.064	2978.025
#3	1472.676	2521.405	35948.10	7114.236	2972.551

Sample Name: K5271-02DL3X10 Acquired: 10/16/2019 21:01:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAPM9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054679	.0003233	12.04633	-.003238	-.000885	1.024480	.0163012
Stddev	.0061694	.0011882	.05426	.002054	.002504	.020214	.0001041
%RSD	112.8290	367.5076	.4503884	63.44072	282.9305	1.973097	.6384188

#1	.0032447	.0016628	11.98653	-.005574	.000914	1.002904	.0163567
#2	.0124407	-.000604	12.06005	-.002428	.000176	1.027557	.0161812
#3	.0007182	-.000089	12.09241	-.001712	-.003745	1.042979	.0163658

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007756	.3415409	113.8778	.0081038	.0091759	.0110294	22.80291
Stddev	.0000335	.0018113	.4455	.0004915	.0004013	.0009694	.12264
%RSD	4.312999	.5303420	.3911838	6.064891	4.373472	8.789177	.5378070

#1	.0007784	.3401590	113.4133	.0085354	.0089384	.0118440	22.66480
#2	.0008075	.3408721	114.3014	.0075689	.0089500	.0112870	22.84487
#3	.0007408	.3435915	113.9188	.0082071	.0096392	.0099573	22.89905

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.362362	61.17938	.0106271	.0184873	.4742403	.0157745	17.11576
Stddev	.006982	.38140	.0008785	.0001792	.2661540	.0015048	.26446
%RSD	.2955455	.6234065	8.266429	.9696099	56.12219	9.539485	1.545101

#1	2.354807	60.75825	.0115934	.0183977	.7025507	.0159575	16.81907
#2	2.368576	61.27837	.0098768	.0186937	.1819173	.0141866	17.20152
#3	2.363704	61.50153	.0104111	.0183705	.5382529	.0171794	17.32670

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2395160	.1858307	.0164736	-.000357	10.81491	.5254541	-.002837
Stddev	.0538067	.0030985	.0015234	.000380	.03269	.0019356	.000376
%RSD	22.46476	1.667359	9.247366	106.4730	.3023127	.3683682	13.24620

#1	.1912571	.1883906	.0151181	-.000414	10.78244	.5275529	-.002630
#2	.2975345	.1867154	.0161805	-.000704	10.81446	.5237393	-.003271
#3	.2297563	.1823861	.0181222	.000048	10.84782	.5250699	-.002611

Sample Name: K5271-02DL3X10 Acquired: 10/16/2019 21:01:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAPM9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0181548	.0103862	.0260283
Stddev	.0005558	.0010149	.0001500
%RSD	3.061382	9.771936	.5762574

#1	.0182034	.0092531	.0260111
#2	.0175764	.0112118	.0261862
#3	.0186848	.0106938	.0258877

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1362.748	2411.770	34140.49	6907.395	2801.316
Stddev	10.033	8.417	65.07	15.366	4.676
%RSD	.7362629	.3489980	.1905889	.2224546	.1669060

#1	1373.118	2403.077	34214.67	6890.087	2803.315
#2	1362.038	2419.881	34113.74	6919.432	2804.661
#3	1353.089	2412.352	34093.06	6912.665	2795.974

Sample Name: K5382-21DLX5 Acquired: 10/16/2019 21:05:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GO8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.17395	.0261428	F 104.5573	.2011019	.1188144	7.876873
Stddev	.01923	.0019310	.1304	.0007348	.0019247	.084379
%RSD	.1579745	7.386172	.1247239	.3653616	1.619918	1.071219

#1	12.16496	.0276157	104.7068	.2015682	.1205983	7.878663
#2	12.19604	.0268559	104.4982	.2014826	.1190705	7.960343
#3	12.16086	.0239567	104.4668	.2002549	.1167745	7.791614

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0253745	.0066698	.0103623	-.679433	.0518204	.0035523
Stddev	.0004894	.0000862	.0000673	.051403	.0010407	.0004406
%RSD	1.928813	1.293209	.6495190	7.565607	2.008321	12.40431

#1	.0249370	.0067694	.0103880	-.665223	.0510944	.0032287
#2	.0259031	.0066201	.0102859	-.736446	.0513541	.0040542
#3	.0252835	.0066198	.0104129	-.636629	.0530127	.0033740

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.106406	161.6893	3.627794	.3091878	-.002796	.6221443
Stddev	.027666	1.0734	.013294	.0201776	.000014	.0016790
%RSD	1.313408	.6638891	.3664358	6.525999	.4924254	.2698661

#1	2.102672	161.3972	3.628471	.3288201	-.002806	.6230690
#2	2.135749	162.8786	3.640737	.2885059	-.002781	.6202063
#3	2.080797	160.7922	3.614176	.3102374	-.002802	.6231577

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8329515	1.957000	6.244233	9.717430	9.819145	.0904551
Stddev	.1690046	.010422	.015718	.132533	.038409	.0015654
%RSD	20.28985	.5325688	.2517124	1.363864	.3911623	1.730642

#1	1.027577	1.954766	6.232531	9.705281	9.848182	.0894745
#2	.748018	1.968358	6.262098	9.855619	9.833659	.0922605
#3	.723259	1.947875	6.238069	9.591391	9.775594	.0896303

Sample Name: K5382-21DLX5 Acquired: 10/16/2019 21:05:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GO8D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.307615	40.29357	.6151780	.0036640	.0336803	.0113029
Stddev	.002195	.09012	.0097408	.0012655	.0009609	.0012576
%RSD	.1678657	.2236630	1.583413	34.53738	2.853039	11.12660
#1	1.306373	40.35011	.6264039	.0051177	.0341161	.0127237
#2	1.310149	40.34097	.6089593	.0028086	.0325787	.0103325
#3	1.306322	40.18965	.6101707	.0030657	.0343460	.0108526

Elem	Sr4077
Units	ppm
Avg	.1975909
Stddev	.0010477
%RSD	.5302495
#1	.1978586
#2	.1964353
#3	.1984788

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1472.091	2564.849	36502.61	7267.506	2956.124
Stddev	4.587	10.500	25.71	47.380	8.581
%RSD	.3116273	.4094000	.0704360	.6519383	.2902717
#1	1467.294	2576.560	36475.63	7245.184	2963.986
#2	1472.544	2561.711	36505.36	7235.410	2957.415
#3	1476.435	2556.275	36526.83	7321.923	2946.971

Sample Name: K5382-22DLX5 Acquired: 10/16/2019 21:08:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GO8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 24.50785	.1111598	F 225.2530	.6330000	.2222034	20.13900
Stddev	.03173	.0040489	.6142	.0061250	.0005059	.16385
%RSD	.1294628	3.642430	.2726502	.9676173	.2276824	.8135862

#1	24.47196	.1065569	225.5269	.6357899	.2227488	20.19683
#2	24.53215	.1141710	224.5496	.6372333	.2217495	20.26610
#3	24.51945	.1127515	225.6826	.6259767	.2221119	19.95408

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.666218	.0656349	.0818710	1.053627	.3242789	.5191260
Stddev	.005340	.0000913	.0002327	.116251	.0008298	.0012281
%RSD	.3204899	.1391613	.2841820	11.03341	.2559011	.2365740

#1	1.669460	.0655568	.0819618	1.093856	.3238373	.5184876
#2	1.669139	.0657353	.0816066	.922605	.3237632	.5183486
#3	1.660054	.0656126	.0820446	1.144420	.3252361	.5205418

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.375637	327.6432	5.971326	.7077618	.5903851	1.618260
Stddev	.047088	1.5051	.007568	.0313352	.0015051	.006393
%RSD	.8759443	.4593724	.1267474	4.427360	.2549381	.3950730

#1	5.412425	327.6900	5.967140	.7428635	.5900072	1.620323
#2	5.391916	329.1244	5.980063	.6826085	.5891049	1.611090
#3	5.322570	326.1153	5.966775	.6978135	.5920431	1.623368

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.740449	F 5.330067	14.21328	20.37639	F 22.89597	.1835683
Stddev	.177799	.035445	.04607	.16389	.07155	.0042113
%RSD	10.21572	.6650055	.3241662	.8043290	.3125159	2.294122

#1	1.657939	5.325864	14.25509	20.53329	22.87743	.1814274
#2	1.618896	5.367426	14.22086	20.38957	22.83550	.1884200
#3	1.944513	5.296910	14.16389	20.20630	22.97496	.1808576

Sample Name: K5382-22DLX5 Acquired: 10/16/2019 21:08:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GO8S Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.344603	85.94201	1.821881	.0052096	.0712142	.0164020
Stddev	.011277	.23576	.012820	.0014844	.0013430	.0026907
%RSD	.3371623	.2743270	.7036440	28.49315	1.885803	16.40485

#1	3.332756	85.87637	1.809298	.0042148	.0700602	.0156299
#2	3.345845	85.74603	1.821421	.0069158	.0708941	.0141818
#3	3.355207	86.20364	1.834925	.0044983	.0726883	.0193944

Elem	Sr4077
Units	ppm
Avg	.3699820
Stddev	.0012922
%RSD	.3492518

#1	.3707434
#2	.3684901
#3	.3707127

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1505.982	2608.555	37571.17	7523.518	2874.936
Stddev	3.549	6.313	181.48	10.398	7.989
%RSD	.2356920	.2420305	.4830412	.1382030	.2778870

#1	1503.044	2614.695	37506.72	7523.085	2877.873
#2	1509.926	2608.889	37776.08	7513.344	2881.041
#3	1504.976	2602.081	37430.70	7534.126	2865.894

Sample Name: K5382-20LDLX25 Acquired: 10/16/2019 21:12:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GO8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.975814	.0122860	F 50.18259	.1010227	.0607923	3.897809
Stddev	.011805	.0009317	.01313	.0034519	.0028925	.004992
%RSD	.1975496	7.583760	.0261698	3.416927	4.758080	.1280771

#1	5.962396	.0125073	50.19420	.1016334	.0614168	3.901865
#2	5.980441	.0130872	50.16834	.1041285	.0576385	3.892233
#3	5.984604	.0112635	50.18524	.0973063	.0633215	3.899327

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0138044	.0033978	.0049994	-.374757	.0254981	.0020223
Stddev	.0005217	.0000219	.0000256	.015671	.0004784	.0003226
%RSD	3.779358	.6433546	.5129554	4.181696	1.876043	15.95325

#1	.0133452	.0034004	.0049969	-.392834	.0256506	.0023939
#2	.0136963	.0033747	.0049751	-.366424	.0258815	.0018587
#3	.0143717	.0034182	.0050262	-.365013	.0249620	.0018141

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.035933	79.85760	1.831474	.1522027	-.001124	.3325410
Stddev	.003496	.15086	.005273	.0037373	.000222	.0033357
%RSD	.3375075	.1889061	.2879247	2.455464	19.76459	1.003094

#1	1.036093	79.92321	1.834612	.1485281	-.001290	.3311263
#2	1.032359	79.68505	1.825386	.1559997	-.001211	.3363509
#3	1.039346	79.96454	1.834423	.1520802	-.000872	.3301458

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5337176	.9551930	3.066327	4.682515	4.697276	.0431158
Stddev	.3084527	.0052420	.026174	.052300	.003960	.0006608
%RSD	57.79324	.5487905	.8535813	1.116930	.0842966	1.532552

#1	.8329279	.9515799	3.056872	4.734092	4.700980	.0438346
#2	.2167865	.9527938	3.095914	4.683933	4.693103	.0429779
#3	.5514383	.9612052	3.046194	4.629520	4.697745	.0425348

Sample Name: K5382-20LDLX25 Acquired: 10/16/2019 21:12:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v987) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GO8L Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6443487	19.30236	.3533776	.0012651	.0164530	.0043902
Stddev	.0008881	.02968	.0161192	.0010200	.0008138	.0004686
%RSD	.1378285	.1537669	4.561467	80.62113	4.946379	10.67459

#1	.6434953	19.33375	.3450034	.0000887	.0173569	.0048223
#2	.6452679	19.29858	.3719604	.0019021	.0162233	.0044563
#3	.6442831	19.27475	.3431692	.0018046	.0157787	.0038921

Elem	Sr4077
Units	ppm
Avg	.0965817
Stddev	.0003645
%RSD	.3773678

#1	.0961882
#2	.0966492
#3	.0969077

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1427.548	2501.777	35374.19	6981.809	2951.381
Stddev	10.928	2.203	257.32	33.816	3.206
%RSD	.7655407	.0880450	.7274284	.4843378	.1086350

#1	1421.315	2503.755	35372.98	6944.846	2952.263
#2	1421.162	2499.403	35117.47	7011.190	2947.826
#3	1440.167	2502.173	35632.11	6989.391	2954.054