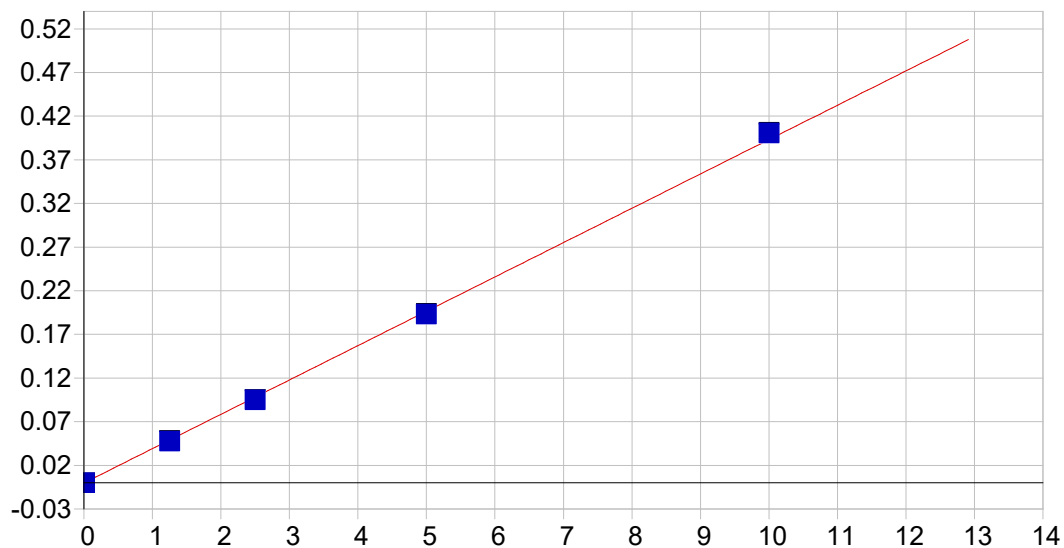


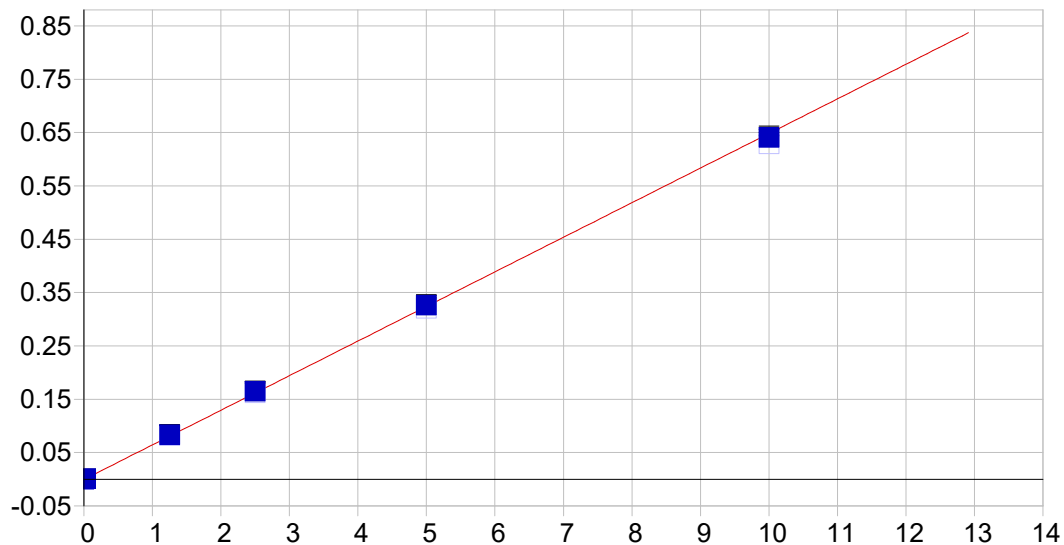


As 189.042 {479}

Date of Fit: 11/15/2019 12:58:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000226 Re-Slope: 1.000000
 A1 (Gain): 0.039336 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999768 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.003007
 Predicted MQL: 0.010024

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00023	.000	1
S1	.01000	.01008	.000	.830	.00017	.000	1
S2	1.2500	1.2152	-.035	-2.78	.04746	.001	1
S3	2.5000	2.4219	-.078	-3.13	.09481	.000	1
S4	5.0000	4.9166	-.083	-1.67	.19271	.001	1
S5	10.000	10.196	.196	1.96	.39992	.001	1

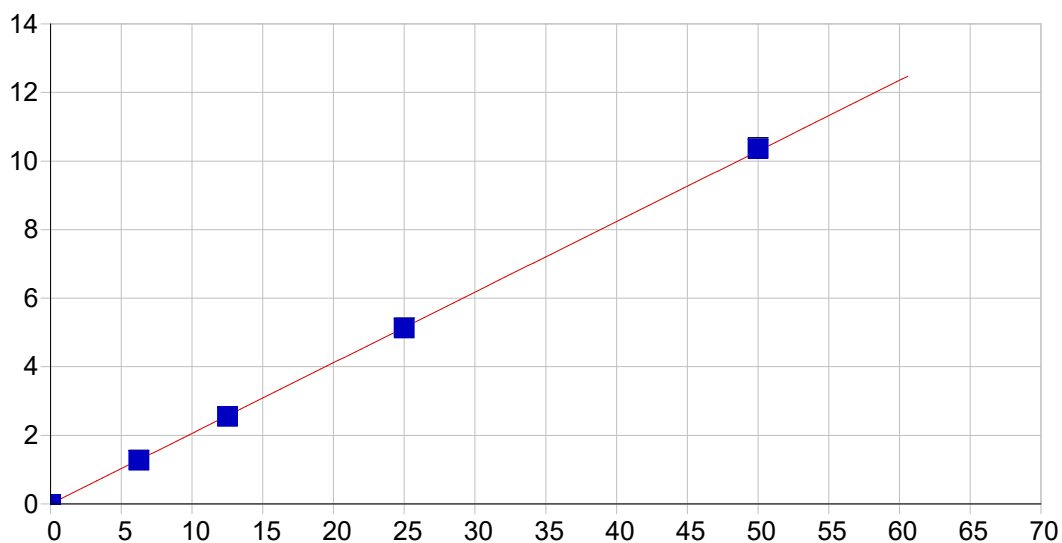


TI 190.856 {477}

Date of Fit: 11/15/2019 12:58:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000411	Re-Slope:	1.000000
A1 (Gain):	0.064871	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999901	Status:	OK.
Std Error of Est:	0.000024		
Predicted MDL:	0.001978		
Predicted MQL:	0.006592		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00041	.000	1
S1	.02500	.02612	.001	4.49	.00122	.000	1
S2	1.2500	1.2871	.037	2.97	.08159	.001	1
S3	2.5000	2.5435	.044	1.74	.16160	.001	1
S4	5.0000	5.0370	.037	.741	.32037	.001	1
S5	10.000	9.8813	-.119	-1.19	.62864	.003	1

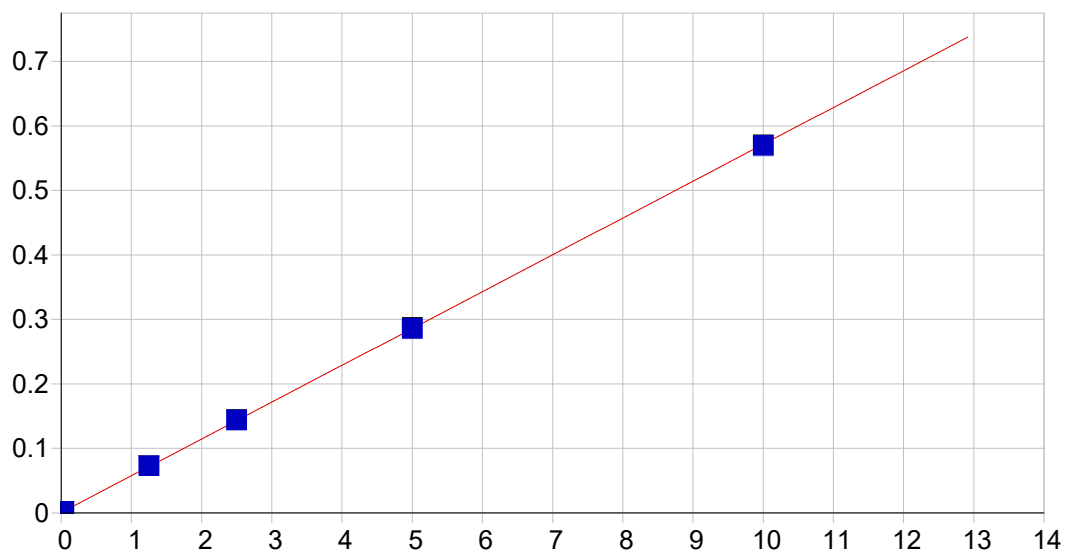


Pb 220.353 {453}

Date of Fit: 11/15/2019 12:58:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000355	Re-Slope:	1.000000
A1 (Gain):	0.205856	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999971	Status:	OK.
Std Error of Est:	0.000059		
Predicted MDL:	0.001478		
Predicted MQL:	0.004928		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00036	.000	1
S1	.01000	.01068	.001	6.75	.00255	.000	1
S2	6.2500	6.1504	-.100	-1.59	1.2667	.007	1
S3	12.500	12.365	-.135	-1.08	2.5463	.005	1
S4	25.000	24.910	-.090	-.362	5.1292	.011	1
S5	50.000	50.325	.325	.649	10.362	.025	1

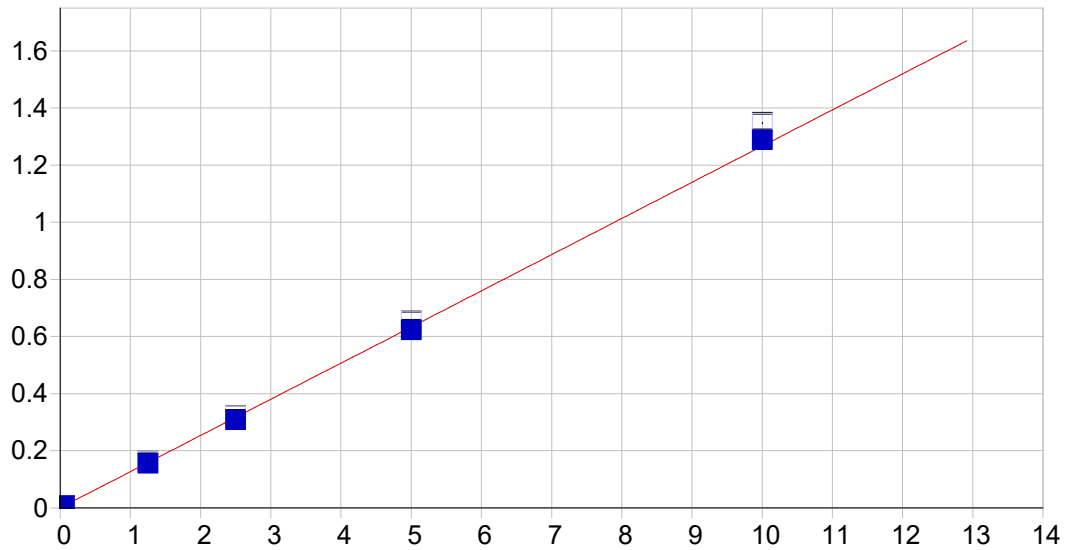


Se 196.090 {472}

Date of Fit: 11/15/2019 12:58:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000461	Re-Slope:	1.000000
A1 (Gain):	0.057091	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999982	Status:	OK.
Std Error of Est:	0.000011		
Predicted MDL:	0.002810		
Predicted MQL:	0.009366		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00046	.000	1
S1	.03500	.03740	.002	6.85	.00260	.000	1
S2	1.2500	1.2704	.020	1.63	.07280	.001	1
S3	2.5000	2.5134	.013	.535	.14358	.001	1
S4	5.0000	4.9954	-.005	-.091	.28491	.002	1
S5	10.000	9.9684	-.032	-.316	.56807	.001	1

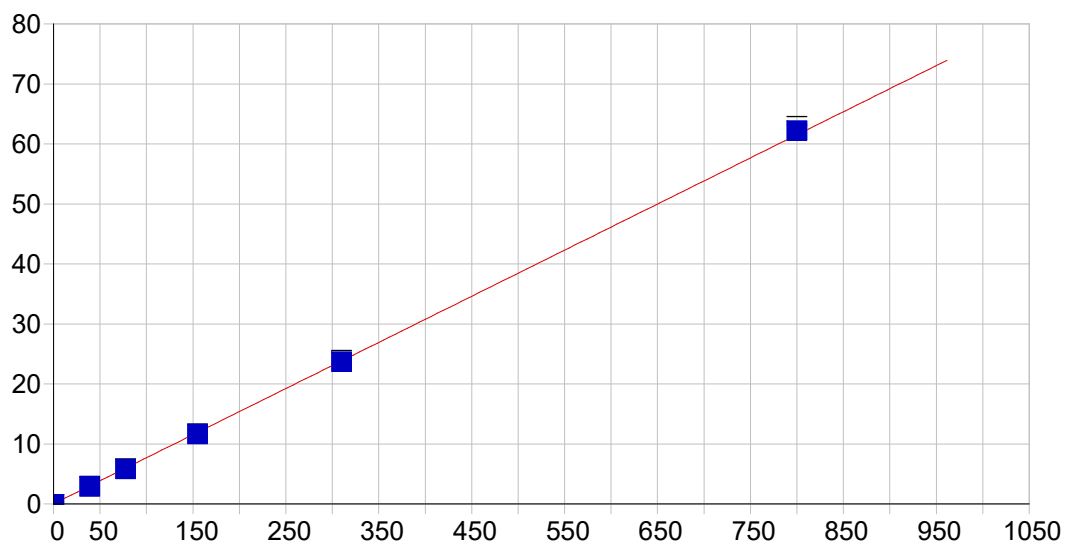


Sb 206.833 {463}

Date of Fit: 11/15/2019 12:58:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000359 Re-Slope: 1.000000
 A1 (Gain): 0.126631 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999832 Status: OK.
 Std Error of Est: 0.000100
 Predicted MDL: 0.001640
 Predicted MQL: 0.005466

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00036	.000	1
S1	.06000	.06230	.002	3.83	.00825	.000	1
S2	1.2500	1.2236	-.026	-2.11	.16260	.001	1
S3	2.5000	2.4321	-.068	-2.72	.32292	.001	1
S4	5.0000	4.9174	-.083	-1.65	.65220	.002	1
S5	10.000	10.175	.175	1.75	1.3471	.003	1

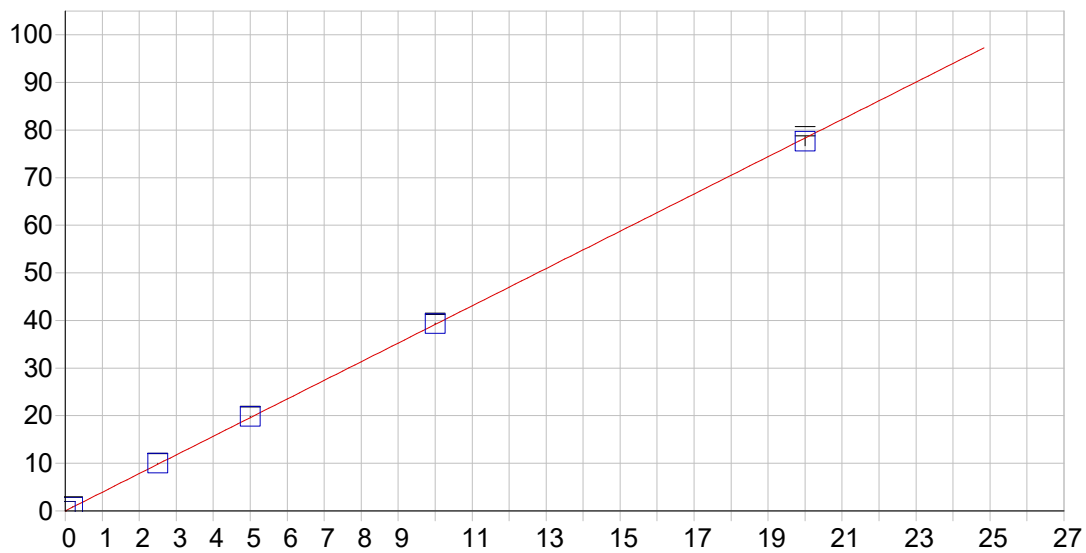


AI 396.152 { 85}

Date of Fit: 11/15/2019 12:58:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005536 Re-Slope: 1.000000
 A1 (Gain): 0.076888 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999893 Status: OK.
 Std Error of Est: 0.000700
 Predicted MDL: 0.011126
 Predicted MQL: 0.037088

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00554	.001	1
S1	.20000	.20637	.006	3.19	.02167	.001	1
S2	38.750	37.722	-1.03	-2.65	2.9118	.004	1
S3	77.500	75.480	-2.02	-2.61	5.8209	.024	1
S4	155.00	150.93	-4.07	-2.62	11.634	.041	1
S5	310.00	308.21	-1.79	-.578	23.751	.197	1
S6	800.00	808.91	8.91	1.11	62.240	.690	1

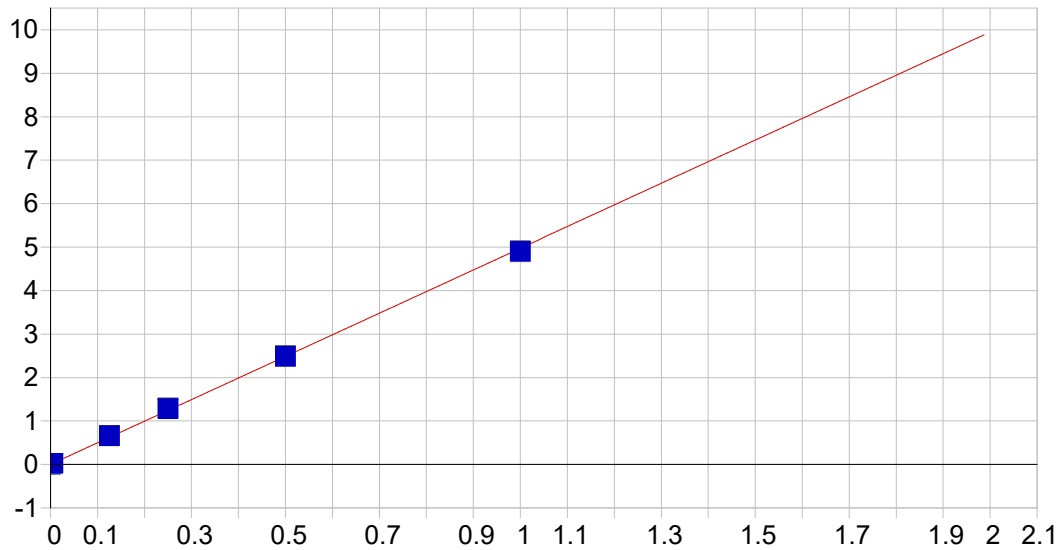


Ba 493.409 { 68}

Date of Fit: 11/15/2019 12:58:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.011619 Re-Slope: 1.000000
 A1 (Gain): 3.915803 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948 Status: OK.
 Std Error of Est: 0.004246
 Predicted MDL: 0.000579
 Predicted MQL: 0.001930

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.01155	.003	1
S1	.20000	.21099	.011	5.49	.83780	.005	1
S2	2.5000	2.5465	.047	1.86	9.9832	.012	1
S3	5.0000	5.0649	.065	1.30	19.845	.072	1
S4	10.000	10.045	.045	.454	39.347	.125	1
S5	20.000	19.832	-.168	-.839	77.671	.969	1

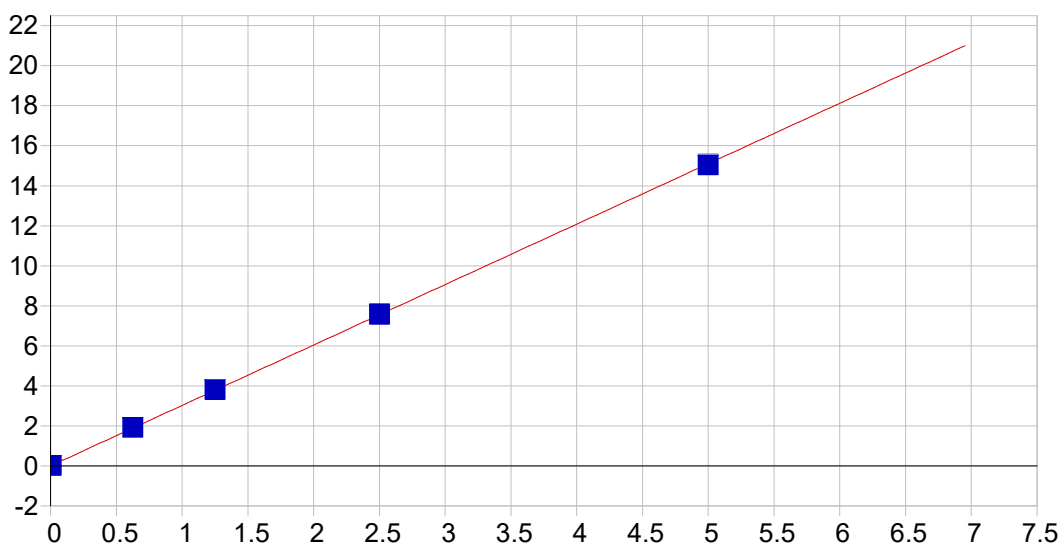


Be 234.861 {144}

Date of Fit: 11/15/2019 12:58:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001174	Re-Slope:	1.000000
A1 (Gain):	4.975471	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999763	Status:	OK.
Std Error of Est:	0.000405		
Predicted MDL:	0.000073		
Predicted MQL:	0.000243		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00118	.000	1
S1	.00500	.00552	.001	10.4	.02628	.000	1
S2	.12500	.13161	.007	5.29	.65160	.003	1
S3	.25000	.25800	.008	3.20	1.2783	.013	1
S4	.50000	.49988	-.000	-.024	2.4777	.009	1
S5	1.0000	.98499	-.015	-1.50	4.8831	.013	1

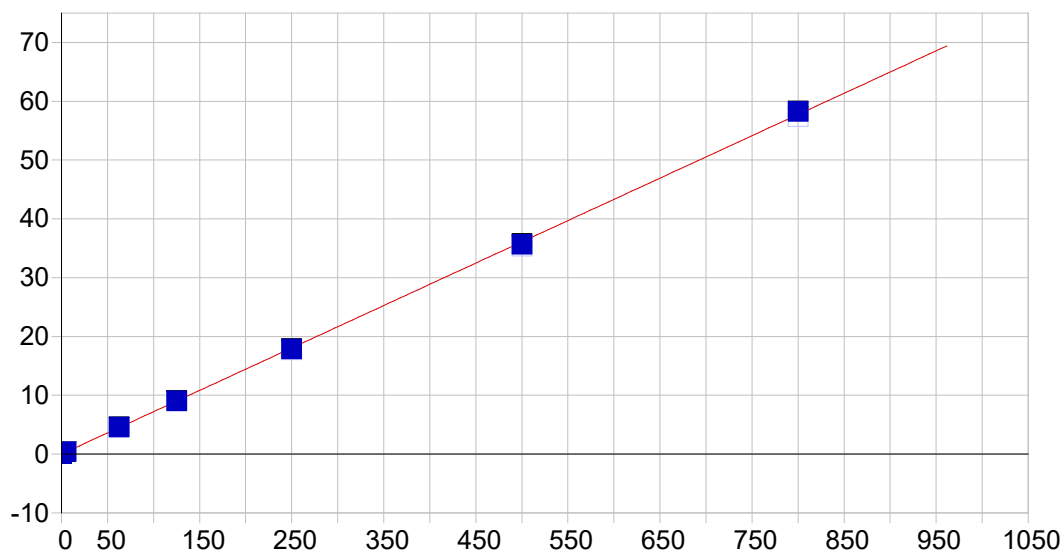


Cd 214.438 {457}

Date of Fit: 11/15/2019 12:58:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000248	Re-Slope:	1.000000
A1 (Gain):	3.020443	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999982	Status:	OK.
Std Error of Est:	0.000153		
Predicted MDL:	0.000072		
Predicted MQL:	0.000239		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00025	.000	1
S1	.00500	.00523	.000	4.70	.01557	.000	1
S2	.62500	.63350	.008	1.36	1.9161	.010	1
S3	1.2500	1.2617	.012	.932	3.8163	.009	1
S4	2.5000	2.5024	.002	.097	7.5698	.018	1
S5	5.0000	4.9772	-.023	-.456	15.056	.027	1

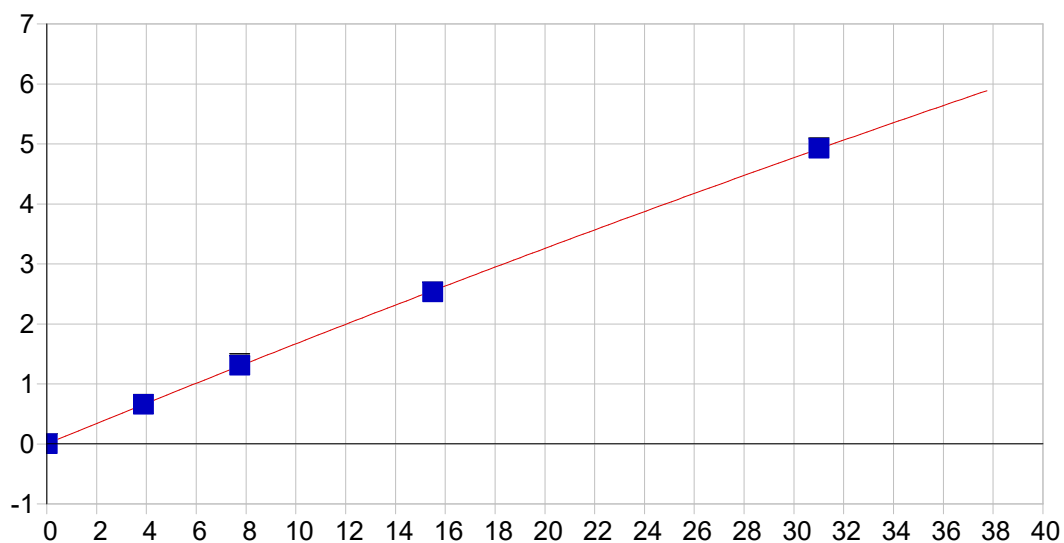


Ca 373.690 { 90}

Date of Fit: 11/15/2019 12:58:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000066 Re-Slope: 1.000000
 A1 (Gain): 0.072189 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999940 Status: OK.
 Std Error of Est: 0.002729
 Predicted MDL: 0.011572
 Predicted MQL: 0.038573

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00039	-.000	.000	-.00009	.000	1
S1	5.0000	5.3459	.346	6.92	.38574	.001	1
S2	62.500	63.678	1.18	1.89	4.5564	.004	1
S3	125.00	125.30	.299	.240	8.9644	.035	1
S4	250.00	247.70	-2.30	-.918	17.720	.016	1
S5	500.00	493.72	-6.28	-1.26	35.318	.199	1
S6	800.00	806.79	6.79	.849	57.380	.087	1

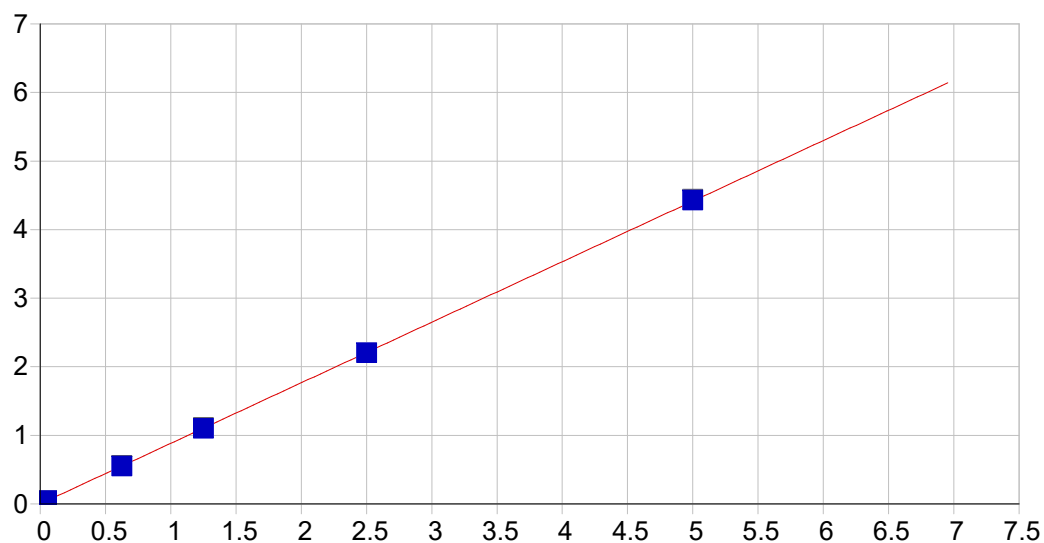


Cr 267.716 {126}

Date of Fit: 11/15/2019 12:58:51 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000057 Re-Slope: 1.000000
 A1 (Gain): 0.170757 Y-int: 0.000000
 A2 (Curvature): -0.000392
 n (Exponent): 1.000000
 Correlation: 0.999984 Status: OK.
 Std Error of Est: 0.000031
 Predicted MDL: 0.000552
 Predicted MQL: 0.001841

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00006	.000	1
S1	.01000	.01099	.001	9.91	.00182	.000	1
S2	3.8750	3.8934	.018	.474	.65965	.001	1
S3	7.7500	7.8106	.061	.782	1.3114	.024	1
S4	15.500	15.370	-.130	-.842	2.5351	.002	1
S5	31.000	31.051	.051	.165	4.9309	.010	1

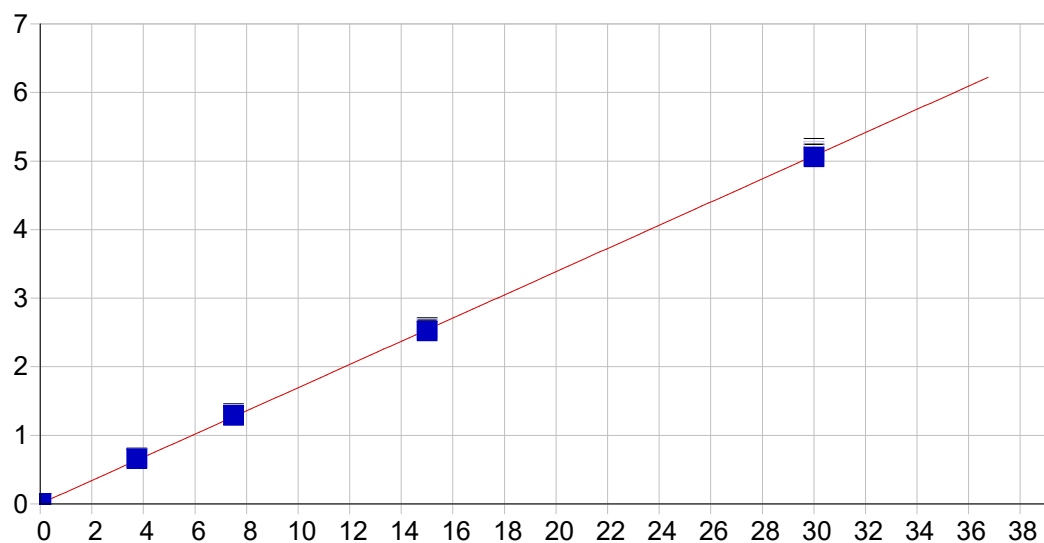


Co 228.616 {448}

Date of Fit: 11/15/2019 12:58:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000321	Re-Slope:	1.000000
A1 (Gain):	0.883056	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999995	Status:	OK.
Std Error of Est:	0.000071		
Predicted MDL:	0.000238		
Predicted MQL:	0.000794		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00032	.000	1
S1	.05000	.05048	.000	.958	.04505	.000	1
S2	.62500	.62112	-.004	-.621	.54968	.004	1
S3	1.2500	1.2467	-.003	-.265	1.1030	.003	1
S4	2.5000	2.4937	-.006	-.251	2.2059	.004	1
S5	5.0000	5.0130	.013	.259	4.4341	.009	1

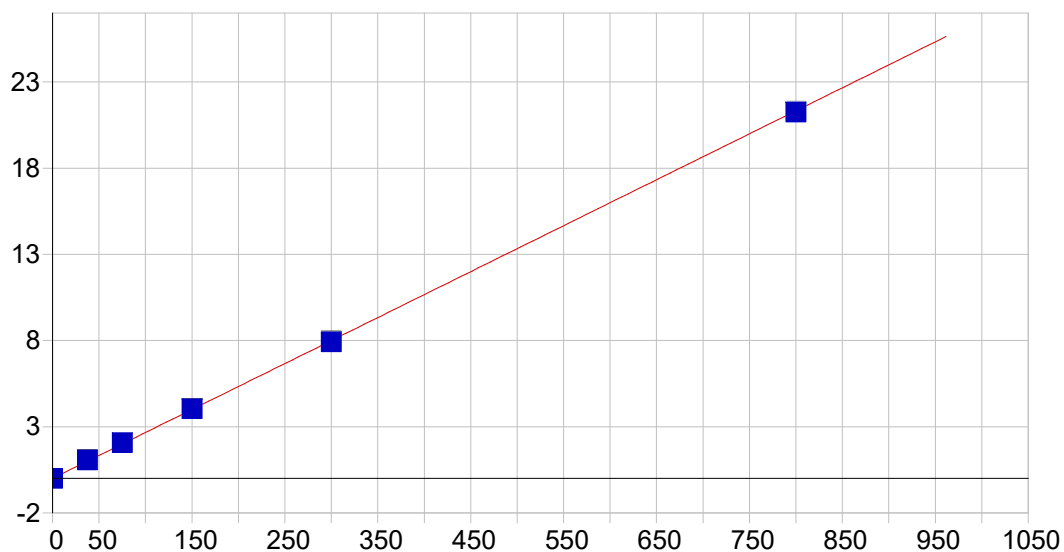


Cu 324.754 {104}

Date of Fit: 11/15/2019 12:58:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003384 Re-Slope: 1.000000
 A1 (Gain): 0.169154 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999944 Status: OK.
 Std Error of Est: 0.000083
 Predicted MDL: 0.003017
 Predicted MQL: 0.010056

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00338	.001	1
S1	.02500	.02621	.001	4.84	.00866	.000	1
S2	3.7500	3.8717	.122	3.24	.66847	.001	1
S3	7.5000	7.5958	.096	1.28	1.3086	.006	1
S4	15.000	14.888	-.112	-.750	2.5624	.010	1
S5	30.000	29.894	-.106	-.355	5.1414	.042	1

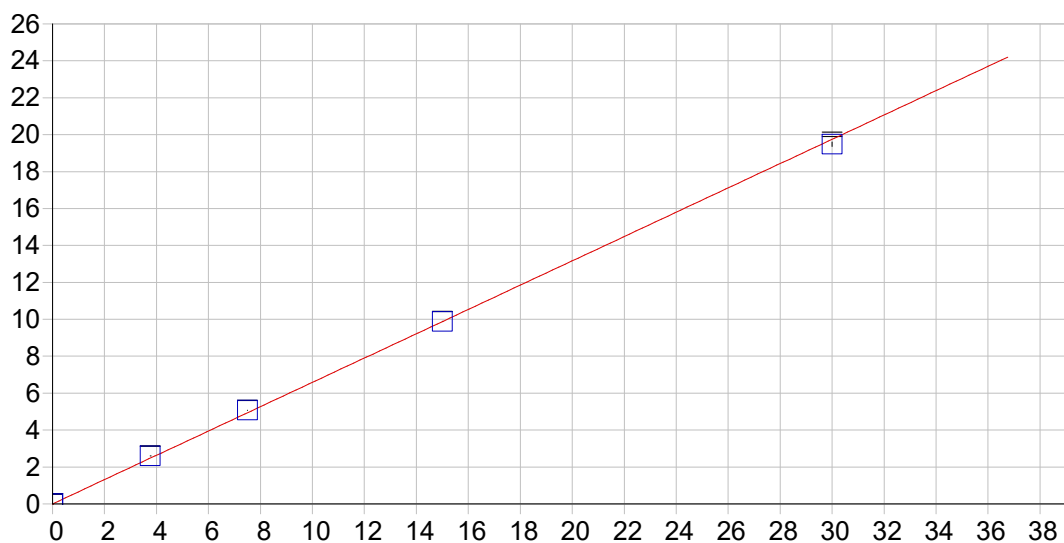


Fe 259.837 {130}

Date of Fit: 11/15/2019 12:58:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000103 Re-Slope: 1.000000
 A1 (Gain): 0.026662 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999884 Status: OK.
 Std Error of Est: 0.000178
 Predicted MDL: 0.009277
 Predicted MQL: 0.030922

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00010	.000	1
S1	.10000	.11340	.013	13.4	.00324	.000	1
S2	37.500	39.893	2.39	6.38	1.0658	.003	1
S3	75.000	77.759	2.76	3.68	2.0775	.006	1
S4	150.00	151.27	1.27	.845	4.0415	.005	1
S5	300.00	296.57	-3.43	-1.14	7.9240	.053	1
S6	800.00	796.99	-3.01	-.376	21.277	.028	1

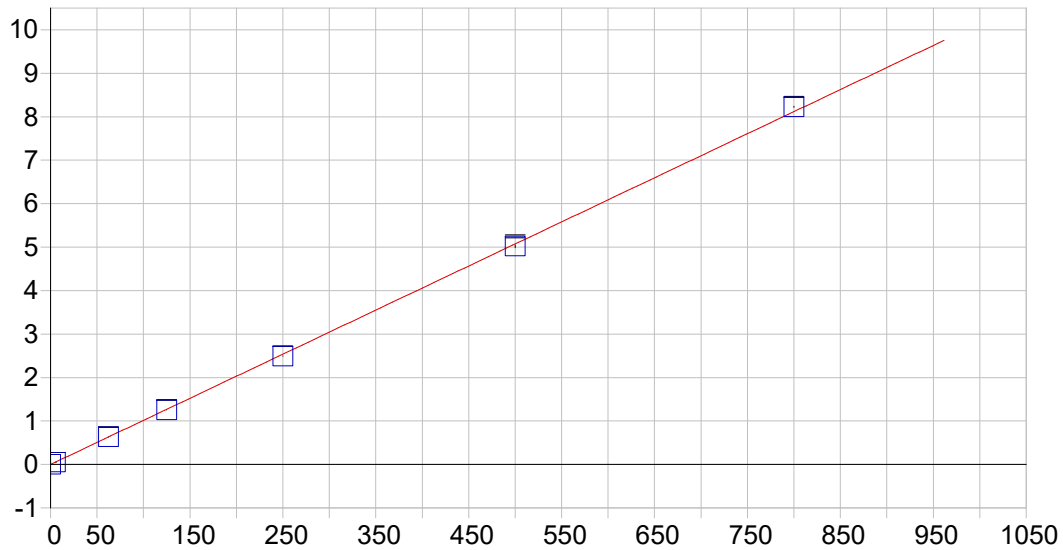


Mn 257.610 {131}

Date of Fit: 11/15/2019 12:58:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000339 Re-Slope: 1.000000
 A1 (Gain): 0.658326 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999812 Status: OK.
 Std Error of Est: 0.000454
 Predicted MDL: 0.000430
 Predicted MQL: 0.001435

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00034	.000	1
S1	.01500	.01675	.002	11.6	.01136	.000	1
S2	3.7500	3.9432	.193	5.15	2.5963	.003	1
S3	7.5000	7.7025	.203	2.70	5.0711	.014	1
S4	15.000	15.009	.009	.062	9.8814	.007	1
S5	30.000	29.593	-.407	-1.36	19.482	.126	1

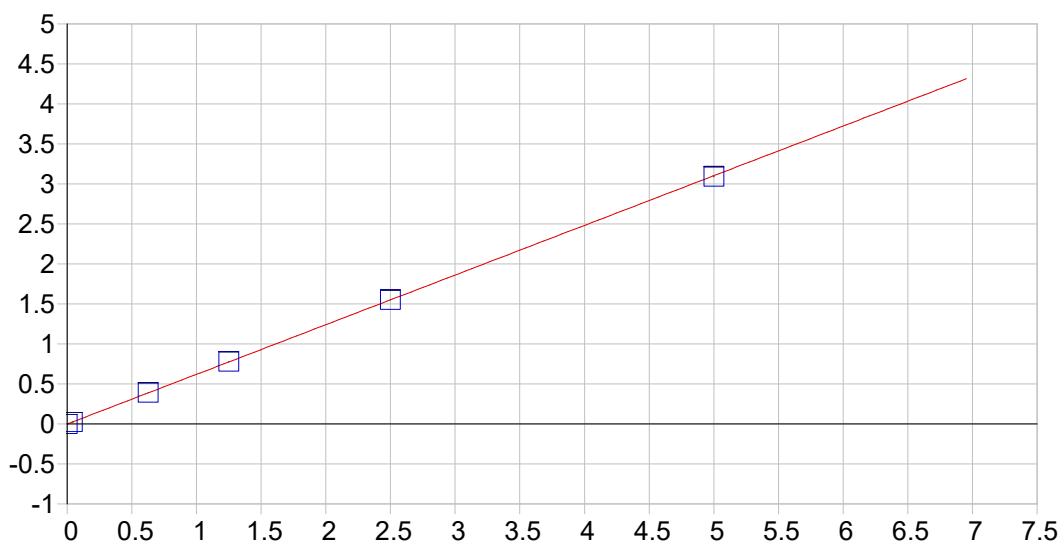


Mg 279.079 {121}

Date of Fit: 11/15/2019 12:58:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000251 Re-Slope: 1.000000
 A1 (Gain): 0.010147 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999912 Status: OK.
 Std Error of Est: 0.000469
 Predicted MDL: 0.029477
 Predicted MQL: 0.098258

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00006	-.000	.000	-.00025	.000	1
S1	5.0000	5.1948	.195	3.90	.05246	.001	1
S2	62.500	62.311	-.189	-.303	.63202	.002	1
S3	125.00	123.77	-1.23	-.980	1.2557	.006	1
S4	250.00	245.55	-4.45	-1.78	2.4914	.002	1
S5	500.00	494.69	-5.31	-1.06	5.0194	.031	1
S6	800.00	810.97	11.0	1.37	8.2287	.014	1

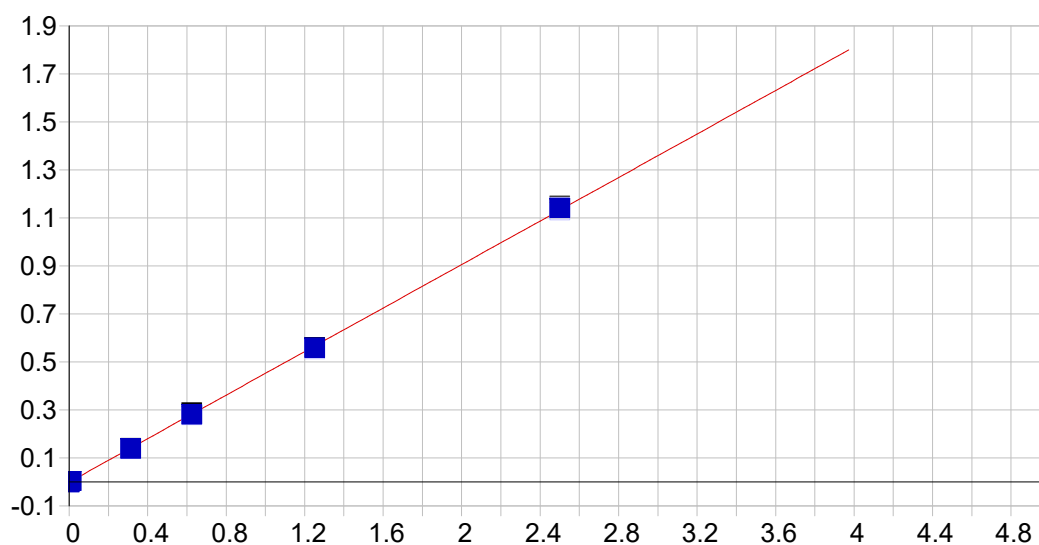


Ni 231.604 {446}

Date of Fit: 11/15/2019 12:58:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001266	Re-Slope:	1.000000
A1 (Gain):	0.620742	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999979	Status:	OK.
Std Error of Est:	0.000097		
Predicted MDL:	0.000392		
Predicted MQL:	0.001305		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00127	.000	1
S1	.04000	.04302	.003	7.56	.02544	.000	1
S2	.62500	.63269	.008	1.23	.39147	.002	1
S3	1.2500	1.2556	.006	.444	.77811	.002	1
S4	2.5000	2.5003	.000	.012	1.5508	.002	1
S5	5.0000	4.9834	-.017	-.332	3.0922	.005	1

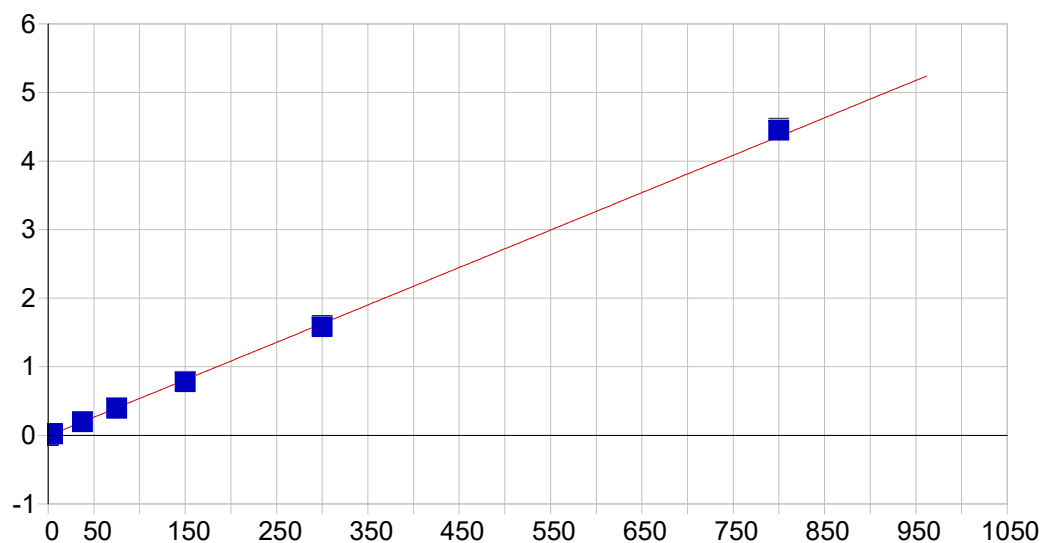


Ag 328.068 {103}

Date of Fit: 11/15/2019 12:58:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000986	Re-Slope:	1.000000
A1 (Gain):	0.453329	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999954	Status:	OK.
Std Error of Est:	0.000036		
Predicted MDL:	0.000430		
Predicted MQL:	0.001432		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00099	.000	1
S1	.01000	.01053	.001	5.34	.00375	.000	1
S2	.31250	.30890	-.004	-1.15	.13783	.000	1
S3	.62500	.62291	-.002	-.335	.27897	.007	1
S4	1.2500	1.2349	-.015	-1.21	.55399	.001	1
S5	2.5000	2.5202	.020	.809	1.1318	.007	1

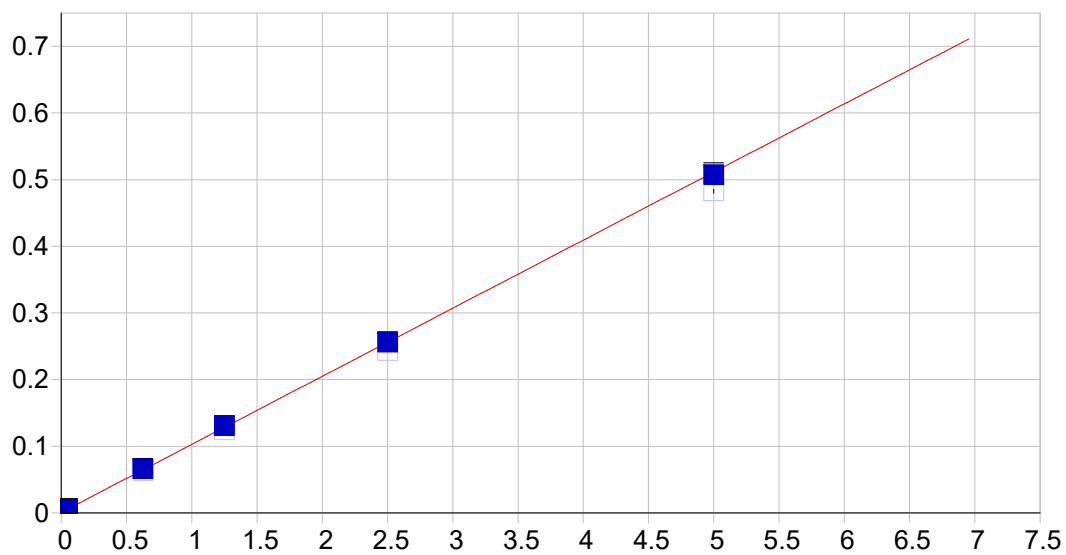


Na 818.326 { 41}

Date of Fit: 11/15/2019 12:58:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.008573 Re-Slope: 1.000000
 A1 (Gain): 0.005458 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999707 Status: OK.
 Std Error of Est: 0.000411
 Predicted MDL: 0.282348
 Predicted MQL: 0.941160

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00027	.000	.000	-.00857	.001	1
S1	5.0000	5.1413	.141	2.83	.01949	.000	1
S2	37.500	36.887	-.613	-1.63	.19365	.001	1
S3	75.000	73.529	-1.47	-1.96	.39454	.004	1
S4	150.00	144.39	-5.61	-3.74	.78307	.004	1
S5	300.00	291.57	-8.43	-2.81	1.5900	.011	1
S6	800.00	815.99	16.0	2.00	4.4642	.012	1

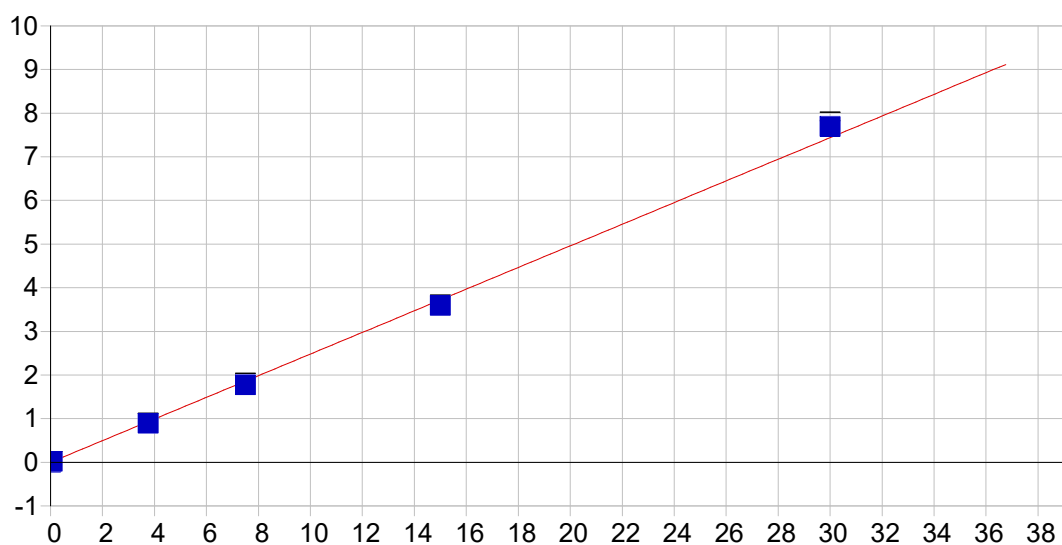


V 292.402 {115}

Date of Fit: 11/15/2019 12:58:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000575	Re-Slope:	1.000000
A1 (Gain):	0.102194	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999920	Status:	OK.
Std Error of Est:	0.000033		
Predicted MDL:	0.003371		
Predicted MQL:	0.011238		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00057	.000	1
S1	.05000	.05212	.002	4.23	.00589	.000	1
S2	.62500	.64337	.018	2.94	.06326	.000	1
S3	1.2500	1.2724	.022	1.79	.12448	.000	1
S4	2.5000	2.4979	-.002	-.083	.24360	.001	1
S5	5.0000	4.9591	-.041	-.818	.48287	.003	1

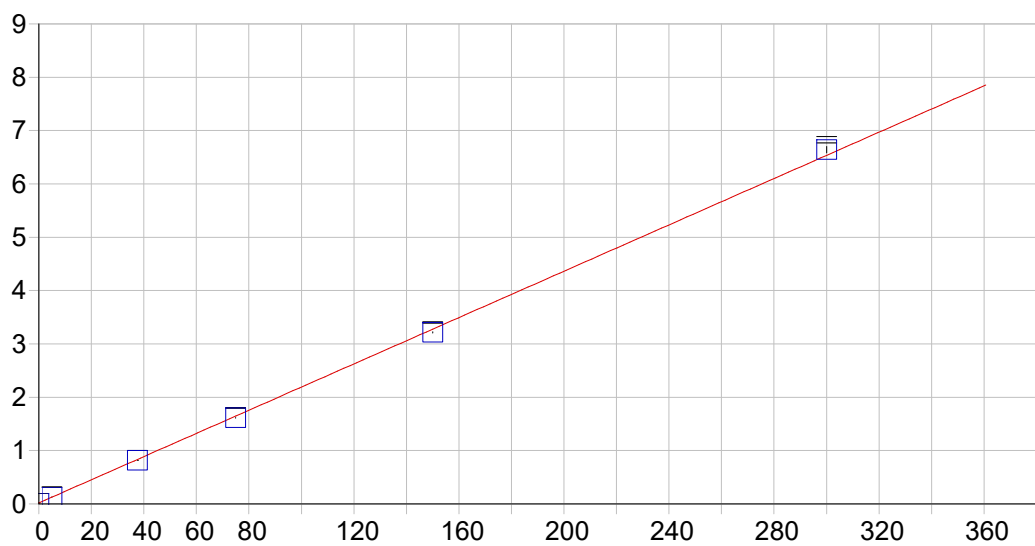


Zn 213.856 {158}

Date of Fit: 11/15/2019 12:58:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000150 Re-Slope: 1.000000
 A1 (Gain): 0.247987 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999326 Status: OK.
 Std Error of Est: 0.000649
 Predicted MDL: 0.002482
 Predicted MQL: 0.008272

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00015	.000	1
S1	.06000	.06800	.008	13.3	.01706	.001	1
S2	3.7500	3.5952	-.155	-4.13	.89324	.004	1
S3	7.5000	7.1493	-.351	-4.68	1.7761	.037	1
S4	15.000	14.481	-.519	-3.46	3.5974	.010	1
S5	30.000	31.016	1.02	3.39	7.7040	.098	1

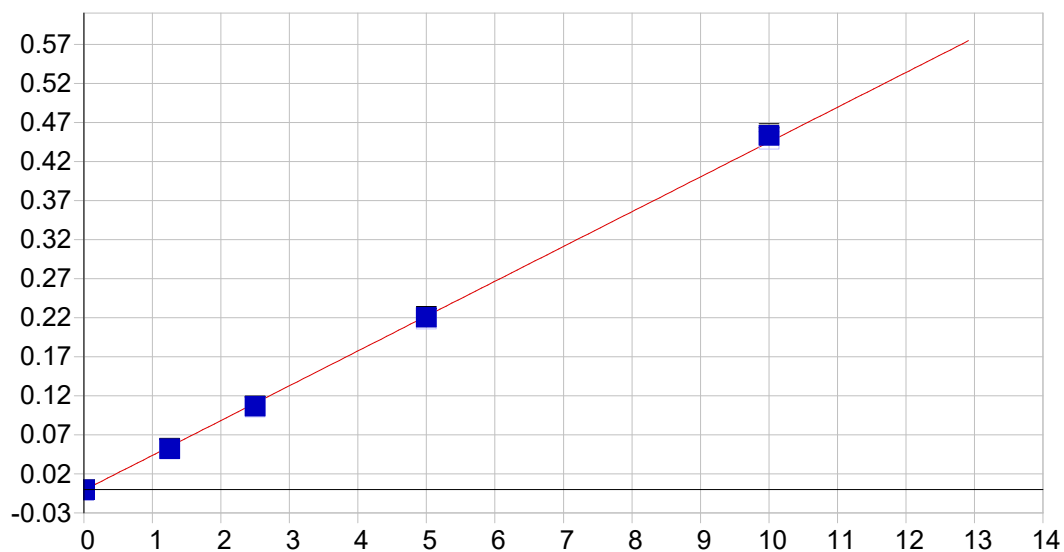


K 769.896 { 44}

Date of Fit: 11/15/2019 12:58:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.018275	Re-Slope:	1.000000
A1 (Gain):	0.021723	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999848	Status:	OK.
Std Error of Est:	0.000781		
Predicted MDL:	0.077455		
Predicted MQL:	0.258185		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00021	.000	.000	.01828	.002	1
S1	5.0000	4.9957	-.004	-.085	.12680	.003	1
S2	37.500	36.788	-.712	-1.90	.81741	.002	1
S3	75.000	73.562	-1.44	-1.92	1.6162	.006	1
S4	150.00	147.24	-2.76	-1.84	3.2167	.012	1
S5	300.00	304.92	4.92	1.64	6.6419	.059	1

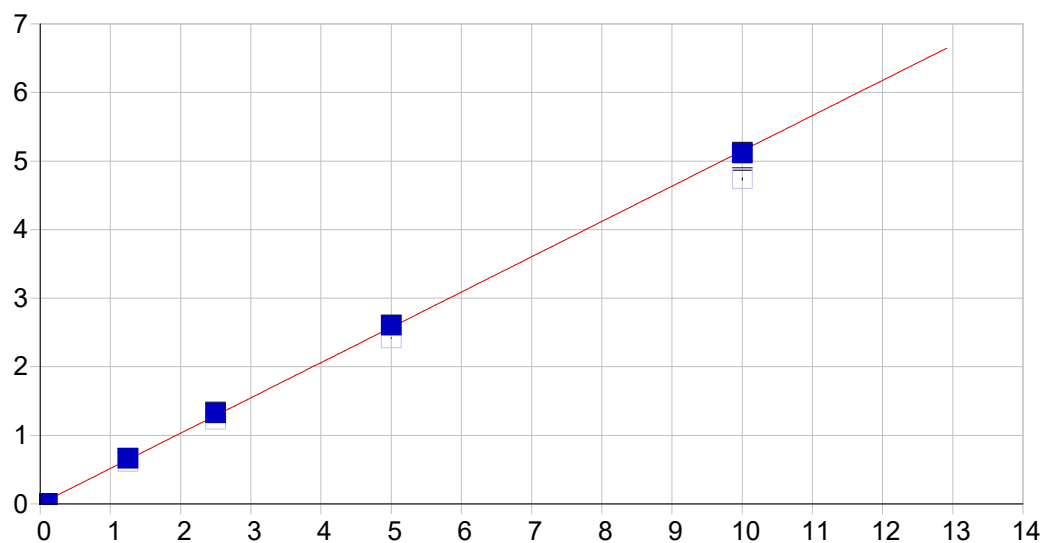


P 177.495 {490}

Date of Fit: 11/15/2019 12:58:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000882 Re-Slope: 1.000000
 A1 (Gain): 0.044568 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999720 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.002222
 Predicted MQL: 0.007407

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00088	.000	1
S1	.01000	.01199	.002	19.9	-.00035	.000	1
S2	1.2500	1.1892	-.061	-4.86	.05149	.001	1
S3	2.5000	2.4085	-.092	-3.66	.10521	.000	1
S4	5.0000	4.9674	-.033	-.652	.21801	.001	1
S5	10.000	10.183	.183	1.83	.44796	.003	1

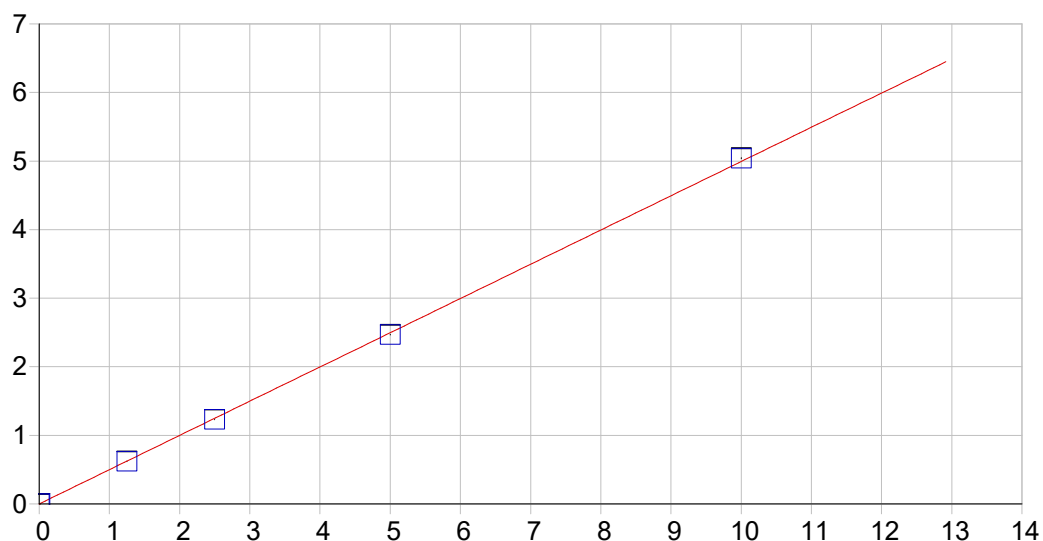


B 249.678 {135}

Date of Fit: 11/15/2019 12:58:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002096 Re-Slope: 1.000000
 A1 (Gain): 0.514596 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997302 Status: OK.
 Std Error of Est: 0.001867
 Predicted MDL: 0.000932
 Predicted MQL: 0.003105

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	.00214	.001	1
S1	.10000	.00863	-.091	-91.4	.00643	.000	1
S2	1.2500	1.2845	.035	2.76	.61641	.003	1
S3	2.5000	2.5759	.076	3.03	1.2343	.011	1
S4	5.0000	5.0555	.055	1.11	2.4169	.006	1
S5	10.000	9.9325	-.068	-.675	4.7398	.016	1

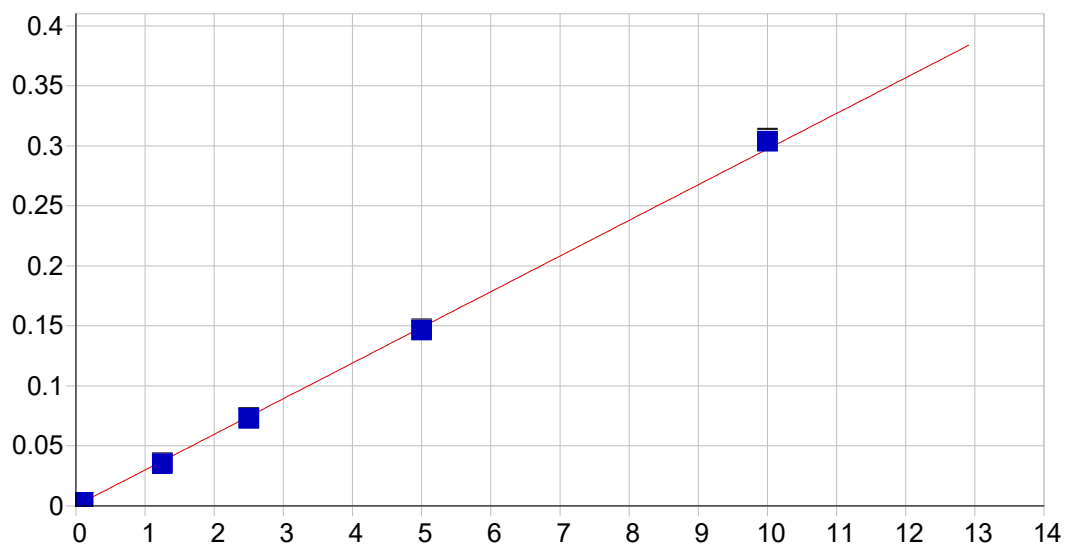


Mo 202.030 {467}

Date of Fit: 11/15/2019 12:58:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000174 Re-Slope: 1.000000
 A1 (Gain): 0.499247 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943 Status: OK.
 Std Error of Est: 0.000089
 Predicted MDL: 0.000323
 Predicted MQL: 0.001076

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00017	.000	1
S1	.01000	.01040	.000	3.96	.00536	.000	1
S2	1.2500	1.2412	-.009	-.706	.61983	.005	1
S3	2.5000	2.4663	-.034	-1.35	1.2315	.002	1
S4	5.0000	4.9435	-.057	-1.13	2.4682	.004	1
S5	10.000	10.099	.099	.986	5.0419	.008	1

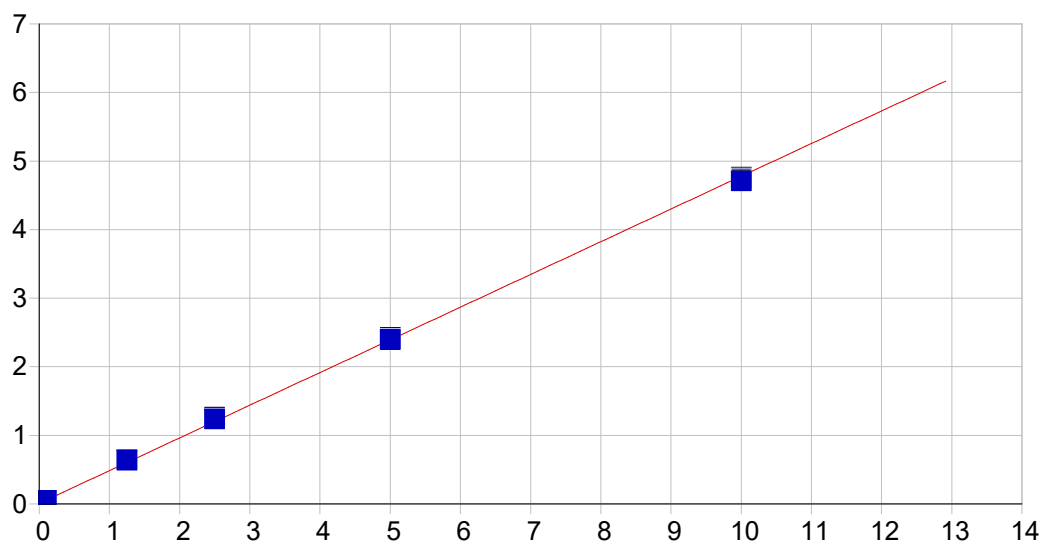


S 182.034 {485}

Date of Fit: 11/15/2019 12:58:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000245 Re-Slope: 1.000000
 A1 (Gain): 0.029700 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999677 Status: OK.
 Std Error of Est: 0.000040
 Predicted MDL: 0.003676
 Predicted MQL: 0.012255

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00025	.000	1
S1	.10000	.09004	-.010	-9.96	.00292	.000	1
S2	1.2500	1.1781	-.072	-5.75	.03531	.000	1
S3	2.5000	2.4442	-.056	-2.23	.07299	.000	1
S4	5.0000	4.9222	-.078	-1.56	.14675	.001	1
S5	10.000	10.215	.215	2.15	.30426	.002	1

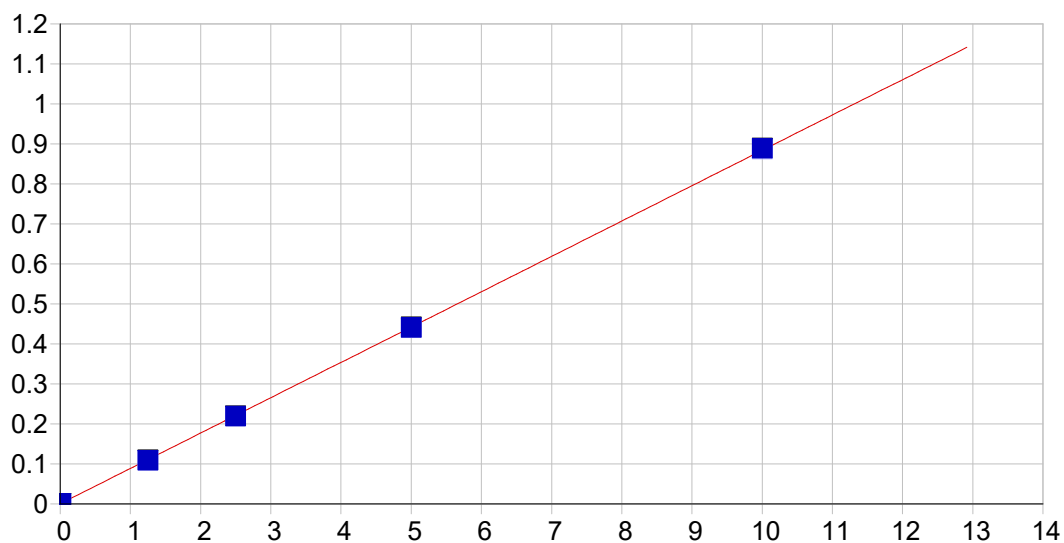


Si 251.611 {134}

Date of Fit: 11/15/2019 12:58:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007690 Re-Slope: 1.000000
 A1 (Gain): 0.476961 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999807 Status: OK.
 Std Error of Est: 0.000502
 Predicted MDL: 0.001012
 Predicted MQL: 0.003375

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00769	.000	1
S1	.10000	.10024	.000	.243	.05567	.001	1
S2	1.2500	1.3137	.064	5.10	.63954	.003	1
S3	2.5000	2.5738	.074	2.95	1.2458	.018	1
S4	5.0000	5.0027	.003	.055	2.4149	.010	1
S5	10.000	9.8595	-.140	-1.40	4.7525	.010	1

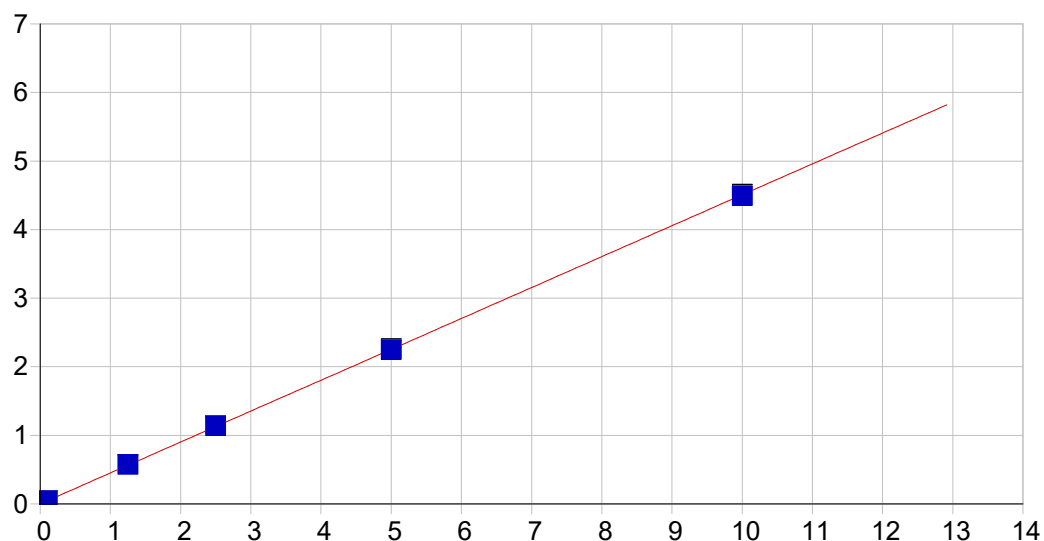


Sn 189.989 {478}

Date of Fit: 11/15/2019 12:58:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000290 Re-Slope: 1.000000
 A1 (Gain): 0.088357 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999972 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.001084
 Predicted MQL: 0.003613

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00029	.000	1
S1	.00700	.00563	-.001	-19.6	.00077	.000	1
S2	1.2500	1.2309	-.019	-1.52	.10882	.001	1
S3	2.5000	2.4783	-.022	-.867	.21881	.000	1
S4	5.0000	4.9896	-.010	-.208	.44024	.001	1
S5	10.000	10.052	.052	.525	.88667	.001	1

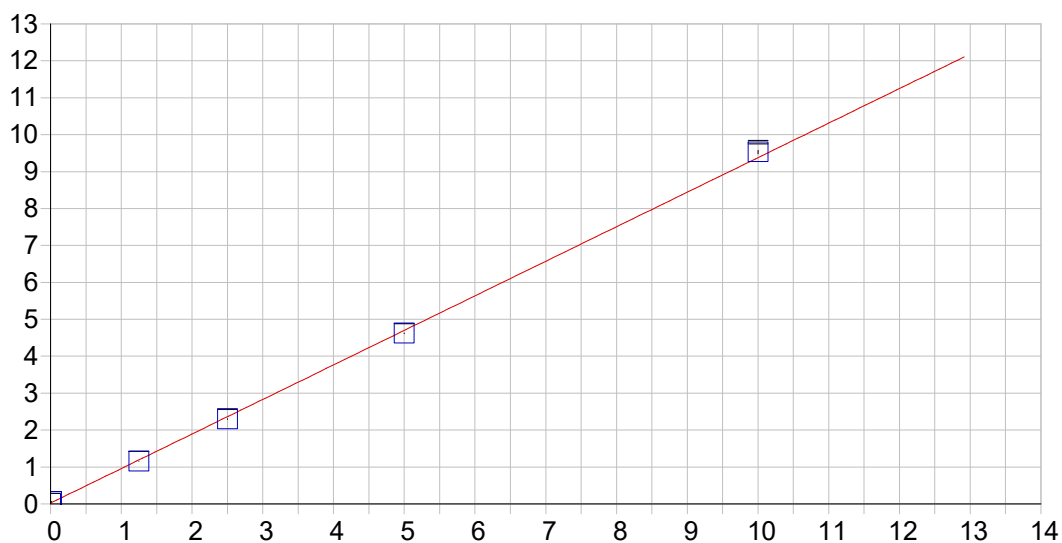


Ti 336.121 {100}

Date of Fit: 11/15/2019 12:58:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001043	Re-Slope:	1.000000
A1 (Gain):	0.450644	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999984	Status:	OK.
Std Error of Est:	0.000137		
Predicted MDL:	0.001310		
Predicted MQL:	0.004366		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00104	.000	1
S1	.10000	.10096	.001	.956	.04653	.001	1
S2	1.2500	1.2680	.018	1.44	.57229	.001	1
S3	2.5000	2.5236	.024	.942	1.1379	.005	1
S4	5.0000	4.9870	-.013	-.260	2.2476	.013	1
S5	10.000	9.9704	-.030	-.296	4.4926	.022	1



Li 670.784 { 50}

Date of Fit: 11/15/2019 12:58:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.022127 Re-Slope: 1.000000
 A1 (Gain): 0.935576 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998114 Status: OK.
 Std Error of Est: 0.001182
 Predicted MDL: 0.001779
 Predicted MQL: 0.005931

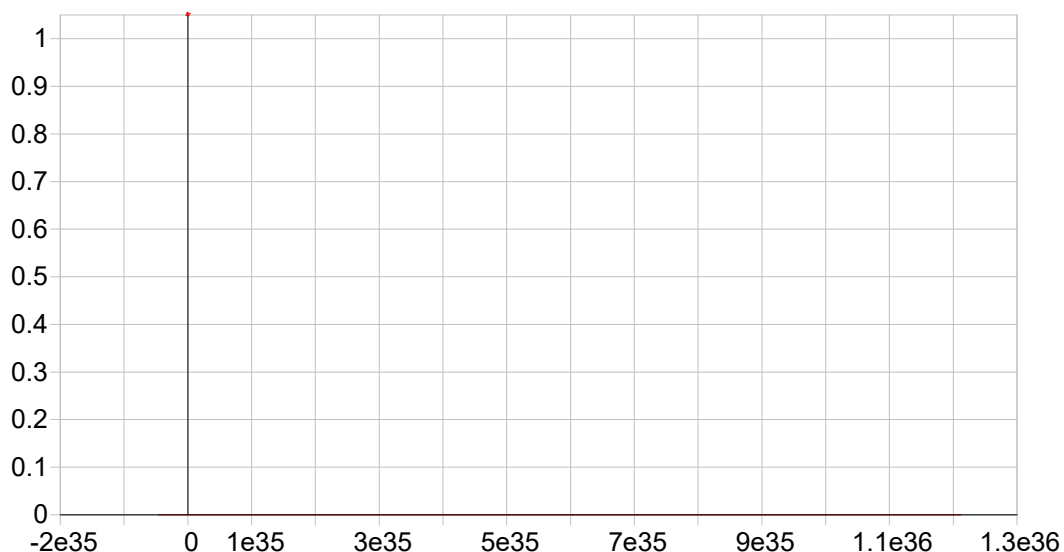
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.02210	.001	1
S5	10.000	10.163	.163	1.63	9.5305	.050	1
S4	5.0000	4.9144	-.086	-1.71	4.6199	.006	1
S3	2.5000	2.4307	-.069	-2.77	2.2962	.008	1
S2	1.2500	1.2109	-.039	-3.13	1.1550	.002	1
S1	.01500	.04590	.031	206.	.06507	.001	1

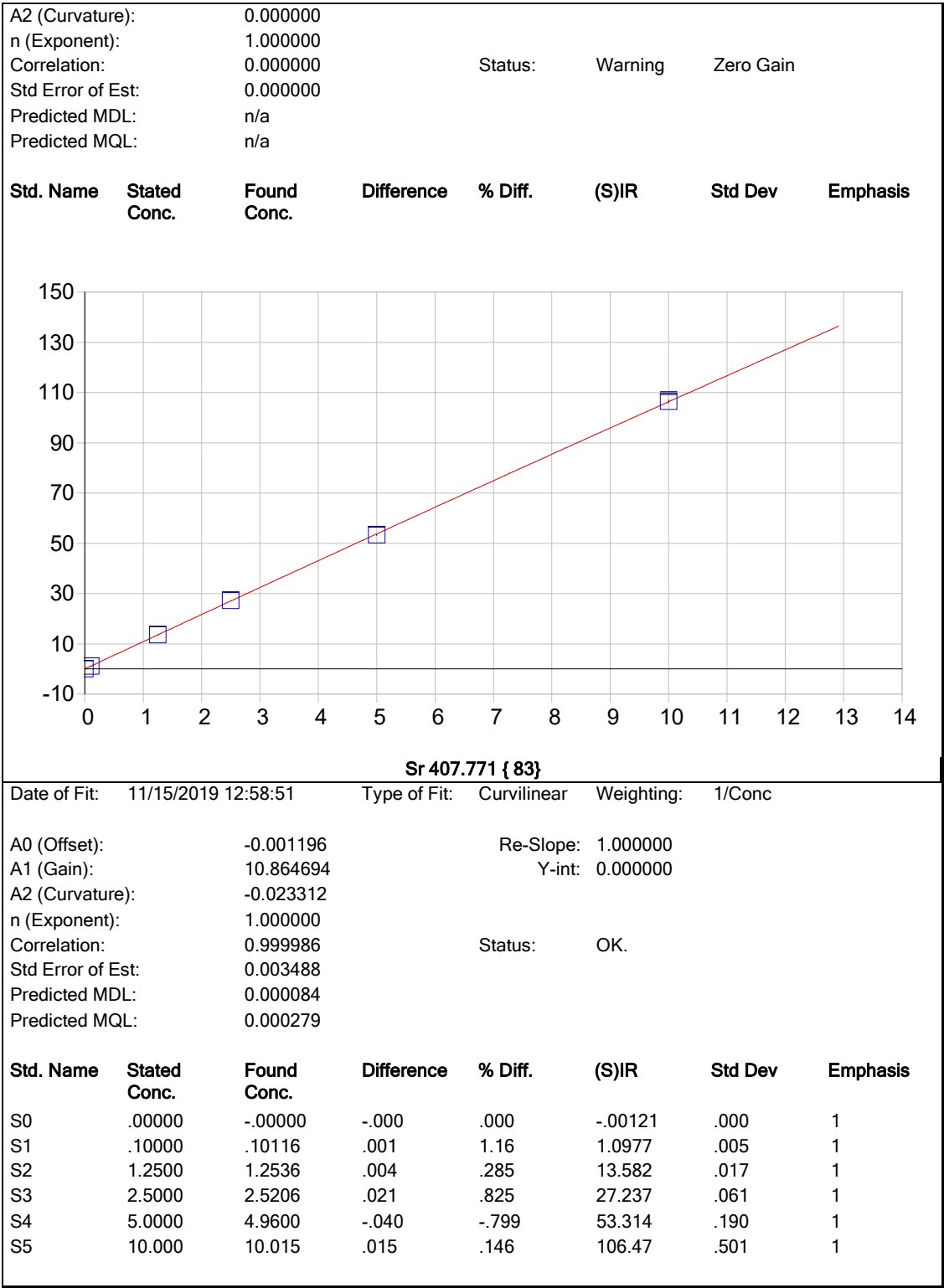






Y 371.030 { 91}*





Sample Name: S0 Acquired: 11/15/2019 12:06:11 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) 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	-.00023	-.00041	.00036	.00046	.00036	.00554	.01155	-.00118
Stddev	.00007	.00009	.00004	.00003	.00025	.00101	.00313	.00016
%RSD	29.635	21.720	10.687	6.6452	68.350	18.313	27.088	13.709
#1	-.00029	-.00050	.00038	.00044	.00061	.00615	.00869	-.00100
#2	-.00023	-.00041	.00031	.00045	.00035	.00437	.01108	-.00123
#3	-.00016	-.00032	.00037	.00049	.00012	.00610	.01489	-.00131
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	-.00025	-.00009	-.00006	.00032	.00338	.00010	.00034	-.00025
Stddev	.00003	.00038	.00008	.00024	.00075	.00025	.00025	.00022
%RSD	11.146	403.50	140.18	75.705	22.061	248.61	74.080	88.651
#1	-.00028	-.00053	-.00012	.00006	.00262	.00017	.00049	-.00022
#2	-.00023	.00013	-.00008	.00054	.00411	-.00018	.00005	-.00004
#3	-.00023	.00012	.00003	.00036	.00342	.00032	.00048	-.00049
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	-.00127	-.00099	-.00857	.00057	.00015	.01828	-.00088	.00214
Stddev	.00016	.00009	.00087	.00017	.00038	.00162	.00006	.00052
%RSD	12.399	9.4865	10.103	29.072	257.94	8.8539	6.4836	24.315
#1	-.00124	-.00093	-.00862	.00038	.00035	.01649	-.00083	.00178
#2	-.00113	-.00093	-.00941	.00069	.00039	.01965	-.00088	.00274
#3	-.00144	-.00109	-.00768	.00065	-.00029	.01869	-.00094	.00190
Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00017	.00025	.00769	.00029	.00104	.02210	-.00121	
Stddev	.00015	.00004	.00021	.00011	.00039	.00121	.00017	
%RSD	87.912	15.514	2.7870	38.748	37.029	5.4706	14.044	
#1	.00033	.00028	.00792	.00042	.00148	.02228	-.00109	
#2	.00002	.00025	.00765	.00024	.00078	.02321	-.00141	
#3	.00017	.00020	.00749	.00021	.00085	.02081	-.00114	

Sample Name: S0 Acquired: 11/15/2019 12:06:11 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) 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	1708.0	3869.5	37512.	7161.4	4407.4
Stddev	13.0	7.3	242.	18.8	4.1
%RSD	.76390	.18827	.64493	.26256	.09327
#1	1722.9	3861.4	37728.	7178.1	4403.0
#2	1702.7	3875.4	37557.	7141.1	4411.2
#3	1698.4	3871.8	37251.	7165.2	4408.0

Sample Name: S1 Acquired: 11/15/2019 12:10:17 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00017	.00122	.00255	.00260	.00825	.02167	.83780	.02628
Stddev	.00002	.00006	.00011	.00003	.00007	.00114	.00549	.00034
%RSD	11.163	4.6465	4.2420	1.2039	.80699	5.2786	.65532	1.3114
#1	.00016	.00115	.00260	.00262	.00818	.02037	.83272	.02592
#2	.00016	.00125	.00243	.00256	.00827	.02211	.84362	.02661
#3	.00019	.00124	.00263	.00260	.00831	.02253	.83704	.02630
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	.01557	.38574	.00182	.04505	.00866	.00324	.01136	.05246
Stddev	.00025	.00066	.00005	.00026	.00031	.00008	.00012	.00071
%RSD	1.5956	.17159	2.5885	.58669	3.5576	2.5493	1.0936	1.3553
#1	.01539	.38595	.00178	.04530	.00843	.00314	.01145	.05174
#2	.01547	.38627	.00187	.04508	.00901	.00330	.01122	.05316
#3	.01585	.38499	.00182	.04478	.00854	.00327	.01141	.05248
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	.02544	.00375	.01949	.00589	.01706	.12680	-.00035	.00643
Stddev	.00023	.00007	.00035	.00023	.00108	.00308	.00010	.00022
%RSD	.92060	1.8749	1.7972	3.8575	6.3411	2.4256	28.895	3.4211
#1	.02547	.00381	.01909	.00606	.01745	.12558	-.00036	.00667
#2	.02519	.00367	.01973	.00598	.01583	.13029	-.00044	.00625
#3	.02566	.00378	.01965	.00563	.01789	.12451	-.00024	.00637
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	.00536	.00292	.05567	.00077	.04653	.06507	1.0977	
Stddev	.00005	.00006	.00061	.00008	.00067	.00080	.0048	
%RSD	.97740	2.0630	1.0919	10.233	1.4296	1.2360	.43384	
#1	.00533	.00294	.05637	.00078	.04578	.06459	1.1031	
#2	.00534	.00296	.05533	.00069	.04675	.06461	1.0959	
#3	.00542	.00285	.05531	.00084	.04705	.06600	1.0941	

Sample Name: S1 Acquired: 11/15/2019 12:10:17 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1720.7	3859.3	37686.	7179.6	4404.9
Stddev	3.5	7.7	58.	10.9	6.6
%RSD	.20555	.19928	.15457	.15217	.15009
#1	1724.7	3866.7	37682.	7174.5	4412.2
#2	1719.1	3851.3	37630.	7172.2	4399.3
#3	1718.2	3860.0	37746.	7192.2	4403.1

Sample Name: S2 Acquired: 11/15/2019 12:14:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) 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	.04746	.08159	1.2667	.07280	.16260	2.9118	9.9832	.65160
Stddev	.00060	.00092	.0074	.00052	.00105	.0039	.0124	.00326
%RSD	1.2551	1.1329	.58717	.71427	.64585	.13343	.12380	.50083

#1	.04685	.08091	1.2626	.07261	.16248	2.9117	9.9918	.64819
#2	.04748	.08121	1.2622	.07241	.16161	2.9158	9.9888	.65192
#3	.04804	.08264	1.2753	.07339	.16370	2.9080	9.9691	.65469

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	1.9161	4.5564	.65965	.54968	.66847	1.0658	2.5963	.63202
Stddev	.0100	.0039	.00141	.00351	.00067	.0028	.0031	.00188
%RSD	.51955	.08451	.21406	.63845	.09983	.26058	.11968	.29795

#1	1.9099	4.5561	.65946	.54695	.66816	1.0659	2.5931	.63131
#2	1.9108	4.5604	.66115	.54845	.66923	1.0685	2.5993	.63415
#3	1.9276	4.5528	.65835	.55364	.66801	1.0630	2.5964	.63059

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	.39147	.13783	.19365	.06326	.89324	.81741	.05149	.61641
Stddev	.00239	.00044	.00091	.00035	.00389	.00156	.00067	.00349
%RSD	.61154	.32271	.47223	.55038	.43520	.19141	1.3033	.56558

#1	.38995	.13760	.19359	.06342	.89269	.81676	.05090	.61366
#2	.39023	.13755	.19277	.06350	.88966	.81627	.05136	.61525
#3	.39423	.13835	.19460	.06286	.89738	.81919	.05222	.62033

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	.61983	.03531	.63954	.10882	.57229	1.1550	13.582
Stddev	.00487	.00036	.00309	.00077	.00081	.0024	.017
%RSD	.78531	1.0251	.48331	.70343	.14077	.20542	.12803

#1	.61698	.03525	.63758	.10809	.57306	1.1565	13.562
#2	.61706	.03498	.63795	.10876	.57145	1.1523	13.590
#3	.62545	.03570	.64311	.10962	.57235	1.1562	13.593

Sample Name: S2 Acquired: 11/15/2019 12:14:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) 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	1649.8	3709.4	37070.	7151.9	4116.1
Stddev	12.1	17.9	17.	8.5	15.2
%RSD	.73505	.48220	.04647	.11951	.37037
#1	1656.2	3710.1	37090.	7161.2	4115.7
#2	1657.3	3727.0	37059.	7150.0	4131.6
#3	1635.8	3691.2	37062.	7144.4	4101.1

Sample Name: S3 Acquired: 11/15/2019 12:18:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) 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	.09481	.16160	2.5463	.14358	.32292	5.8209	19.845	1.2783
Stddev	.00031	.00061	.0055	.00053	.00061	.0239	.072	.0132
%RSD	.32443	.37958	.21578	.36692	.18792	.41121	.36140	1.0332

#1	.09483	.16101	2.5436	.14313	.32227	5.8265	19.836	1.2790
#2	.09449	.16156	2.5426	.14344	.32301	5.7947	19.777	1.2648
#3	.09510	.16223	2.5526	.14416	.32347	5.8416	19.920	1.2912

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	3.8163	8.9644	1.3114	1.1030	1.3086	2.0775	5.0711	1.2557
Stddev	.0092	.0347	.0241	.0028	.0056	.0061	.0141	.0056
%RSD	.24053	.38735	1.8410	.25084	.43114	.29382	.27734	.44673

#1	3.8113	8.9651	1.2968	1.1017	1.3137	2.0775	5.0668	1.2580
#2	3.8107	8.9293	1.2982	1.1011	1.3025	2.0714	5.0597	1.2493
#3	3.8269	8.9988	1.3393	1.1061	1.3096	2.0836	5.0868	1.2598

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	.77811	.27897	.39454	.12448	1.7761	1.6162	.10521	1.2343
Stddev	.00180	.00674	.00418	.00006	.0370	.0060	.00019	.0110
%RSD	.23144	2.4152	1.0586	.05012	2.0840	.37094	.18071	.89380

#1	.77704	.27447	.39395	.12454	1.7407	1.6204	.10526	1.2318
#2	.77710	.27572	.39069	.12448	1.7730	1.6094	.10500	1.2247
#3	.78019	.28672	.39898	.12442	1.8146	1.6189	.10538	1.2463

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	1.2315	.07299	1.2458	.21881	1.1379	2.2962	27.237
Stddev	.0023	.00049	.0175	.00041	.0053	.0083	.061
%RSD	.18495	.67447	1.4060	.18529	.46201	.36044	.22461

#1	1.2311	.07278	1.2451	.21867	1.1319	2.2912	27.206
#2	1.2294	.07264	1.2287	.21850	1.1401	2.2917	27.196
#3	1.2339	.07356	1.2637	.21927	1.1417	2.3058	27.307

Sample Name: S3 Acquired: 11/15/2019 12:18:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) 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	1586.2	3596.1	36368.	7076.7	3929.2
Stddev	32.8	3.5	690.	35.7	.2
%RSD	2.0658	.09664	1.8985	.50498	.00475
#1	1615.8	3598.2	36876.	7066.2	3929.4
#2	1591.8	3592.1	36646.	7116.6	3929.1
#3	1551.0	3598.0	35581.	7047.5	3929.1

Sample Name: S4 Acquired: 11/15/2019 12:22:02 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) 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	.19271	.32037	5.1292	.28491	.65220	11.634	39.347	2.4777
Stddev	.00065	.00088	.0107	.00170	.00157	.041	.125	.0092
%RSD	.33699	.27591	.20757	.59772	.24068	.34925	.31700	.37046

#1	.19198	.31976	5.1238	.28294	.65041	11.667	39.490	2.4707
#2	.19323	.31996	5.1223	.28592	.65332	11.647	39.293	2.4743
#3	.19292	.32138	5.1414	.28586	.65288	11.589	39.259	2.4881

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	7.5698	17.720	2.5351	2.2059	2.5624	4.0415	9.8814	2.4914
Stddev	.0183	.016	.0019	.0037	.0105	.0047	.0075	.0023
%RSD	.24126	.09230	.07426	.16813	.40942	.11656	.07536	.09224

#1	7.5554	17.726	2.5336	2.2054	2.5731	4.0466	9.8813	2.4937
#2	7.5636	17.733	2.5372	2.2026	2.5619	4.0408	9.8740	2.4914
#3	7.5903	17.702	2.5346	2.2099	2.5521	4.0372	9.8889	2.4891

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	1.5508	.55399	.78307	.24360	3.5974	3.2167	.21801	2.4169
Stddev	.0022	.00094	.00415	.00085	.0104	.0120	.00126	.0063
%RSD	.14125	.16927	.53036	.34787	.29051	.37219	.57848	.25978

#1	1.5506	.55465	.78593	.24397	3.6093	3.2286	.21655	2.4162
#2	1.5487	.55441	.78498	.24420	3.5928	3.2167	.21881	2.4110
#3	1.5530	.55292	.77831	.24263	3.5900	3.2047	.21866	2.4235

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	2.4682	.14675	2.4149	.44024	2.2476	4.6199	53.314
Stddev	.0035	.00070	.0098	.00098	.0133	.0056	.190
%RSD	.14204	.47813	.40580	.22295	.59127	.12110	.35637

#1	2.4641	.14594	2.4079	.43948	2.2356	4.6135	53.494
#2	2.4702	.14706	2.4108	.43990	2.2455	4.6227	53.116
#3	2.4703	.14724	2.4261	.44135	2.2619	4.6236	53.333

Sample Name: S4 Acquired: 11/15/2019 12:22:02 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) 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	1507.9	3413.4	35811.	7016.9	3693.4
Stddev	3.8	5.0	145.	6.0	4.8
%RSD	.25126	.14557	.40407	.08510	.12987
#1	1503.6	3418.1	35739.	7022.8	3696.7
#2	1509.2	3408.2	35717.	7017.0	3695.7
#3	1510.8	3414.0	35978.	7010.8	3687.9

Sample Name: S5 Acquired: 11/15/2019 12:25:56 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) 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	.39992	.62864	10.362	.56807	1.3471	23.751	77.671	4.8831
Stddev	.00076	.00309	.025	.00080	.0028	.197	.969	.0131
%RSD	.18911	.49127	.24008	.14000	.20555	.82982	1.2479	.26764

#1	.39931	.62715	10.338	.56715	1.3441	23.973	78.790	4.8866
#2	.39968	.63219	10.361	.56862	1.3495	23.679	77.094	4.8941
#3	.40077	.62658	10.387	.56843	1.3477	23.599	77.129	4.8686

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	15.056	35.318	4.9309	4.4341	5.1414	7.9240	19.482	5.0194
Stddev	.027	.199	.0096	.0093	.0423	.0526	.126	.0313
%RSD	.18212	.56313	.19416	.20903	.82208	.66428	.64731	.62367

#1	15.029	35.546	4.9418	4.4247	5.1902	7.9846	19.628	5.0555
#2	15.056	35.230	4.9270	4.4343	5.1164	7.8979	19.402	5.0028
#3	15.084	35.179	4.9238	4.4432	5.1176	7.8895	19.418	4.9999

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.0922	1.1318	1.5900	.48287	7.7040	6.6419	.44796	4.7398
Stddev	.0048	.0072	.0107	.00300	.0983	.0595	.00255	.0159
%RSD	.15563	.63539	.67066	.62224	1.2761	.89531	.56952	.33659

#1	3.0867	1.1238	1.6012	.48629	7.5935	6.7080	.44727	4.7582
#2	3.0941	1.1378	1.5888	.48169	7.7818	6.6252	.45078	4.7294
#3	3.0957	1.1338	1.5799	.48064	7.7367	6.5926	.44582	4.7319

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.0419	.30426	4.7525	.88667	4.4926	9.5305	106.47
Stddev	.0077	.00199	.0101	.00099	.0217	.0502	.50
%RSD	.15190	.65287	.21211	.11191	.48263	.52646	.47022

#1	5.0333	.30489	4.7529	.88553	4.5172	9.5881	106.41
#2	5.0480	.30586	4.7623	.88737	4.4842	9.5071	105.99
#3	5.0444	.30204	4.7422	.88710	4.4764	9.4963	106.99

Sample Name: S5 Acquired: 11/15/2019 12:25:56 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) 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	1355.2	3155.4	34636.	6891.1	3418.6
Stddev	16.1	8.6	131.	41.7	9.6
%RSD	1.1855	.27233	.37937	.60493	.27951
#1	1373.6	3161.9	34782.	6843.1	3427.1
#2	1343.9	3158.7	34528.	6917.8	3420.5
#3	1348.2	3145.7	34598.	6912.4	3408.3

Sample Name: S6 Acquired: 11/15/2019 12:29:59 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) 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	62.240	57.380	21.277	8.2287	4.4642
Stddev	.690	.087	.028	.0140	.0124
%RSD	1.1086	.15187	.13133	.16950	.27806

#1	62.099	57.348	21.255	8.2179	4.4758
#2	61.631	57.313	21.266	8.2237	4.4511
#3	62.989	57.479	21.308	8.2445	4.4656

Int. Std.	Y_3710
Units	Cts/S
Avg	6752.3
Stddev	22.6
%RSD	.33403

#1	6746.2
#2	6777.3
#3	6733.4

Sample Name: ICV Acquired: 11/15/2019 12:34:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) 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	.9819771	1.073977	.9855438	1.036742	1.000045	2.349469
Stddev	.0026367	.002943	.0040761	.006266	.005685	.012415
%RSD	.2685101	.2740660	.4135836	.6043703	.5684678	.5284248

#1	.9790515	1.071764	.9835858	1.035057	1.003429	2.357168
#2	.9841699	1.072848	.9828161	1.031491	.993481	2.356093
#3	.9827100	1.077317	.9902293	1.043678	1.003224	2.335147

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5131177	.5136808	.5115620	10.36654	.5151512	.5012029
Stddev	.0025764	.0021121	.0015525	.04655	.0002771	.0009092
%RSD	.5021016	.4111621	.3034894	.4490808	.0537875	.1814124

#1	.5130424	.5150585	.5106356	10.36033	.5154396	.5003928
#2	.5157310	.5147348	.5106961	10.41589	.5148870	.5010296
#3	.5105799	.5112492	.5133544	10.32340	.5151269	.5021864

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4866422	5.365592	.5130119	6.003673	.5163269	.4844160
Stddev	.0006790	.026923	.0022666	.009127	.0014005	.0015549
%RSD	.1395262	.5017714	.4418240	.1520300	.2712356	.3209751

#1	.4859713	5.389517	.5110295	5.997996	.5176446	.4847934
#2	.4866263	5.370820	.5154830	5.998822	.5148563	.4827071
#3	.4873290	5.336438	.5125232	6.014202	.5164799	.4857474

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.727187	.5132554	1.108688	9.674261	F .0055994	F .0100220
Stddev	.062216	.0013508	.013058	.092994	.0005302	.0001640
%RSD	.6396129	.2631836	1.177776	.9612493	9.468761	1.636373

#1	9.692701	.5126779	1.122751	9.608199	.0057574	.0099885
#2	9.689852	.5147989	1.106367	9.780604	.0060327	.0102002
#3	9.799010	.5122893	1.096946	9.633979	.0050082	.0098774

Sample Name: ICV Acquired: 11/15/2019 12:34:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) 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 .0005867	F .0100300	F .0023727	F -.001307	F .0000078	F .0142814
Stddev	.0004920	.0016160	.0010540	.000259	.0006000	.0015386
%RSD	83.84745	16.11121	44.42294	19.78393	7669.654	10.77318
#1	.0006340	.0108014	.0023310	-.001602	-.000684	.0159205
#2	.0010534	.0111157	.0034469	-.001119	.000388	.0140552
#3	.0000728	.0081729	.0013401	-.001200	.000320	.0128685

Elem	Sr4077
Units	ppm
Avg	F .0117302
Stddev	.0000468
%RSD	.3990777
#1	.0116949
#2	.0117124
#3	.0117833

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1719.089	3821.084	37967.38	7274.576	4345.139
Stddev	14.448	10.469	152.98	21.075	13.614
%RSD	.8404451	.2739731	.4029224	.2897126	.3133107
#1	1703.633	3825.092	37977.26	7266.979	4351.814
#2	1721.376	3828.957	38115.18	7258.352	4354.127
#3	1732.257	3809.204	37809.70	7298.397	4329.476

Sample Name: ICSA Acquired: 11/15/2019 12:42:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) 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	.0003585	-.001542	-.001185	.0061936	-.000668	239.5145
Stddev	.0002893	.002628	.001133	.0010478	.001264	.7443
%RSD	80.70898	170.4056	95.55225	16.91833	189.3440	.3107401

#1	.0003290	-.004541	-.001657	.0073476	-.001814	240.1993
#2	.0000850	-.000443	.000107	.0053016	.000688	239.6218
#3	.0006614	.000357	-.002006	.0059316	-.000876	238.7224

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059026	.0013326	-.000861	253.1494	.0483035	.0003460
Stddev	.0002994	.0000797	.000058	.3819	.0002135	.0001061
%RSD	5.071609	5.982533	6.778788	.1508549	.4419924	30.65505

#1	.0058017	.0013445	-.000814	253.4221	.0484609	.0004681
#2	.0056667	.0012475	-.000926	253.3132	.0483892	.0002931
#3	.0062394	.0014056	-.000842	252.7129	.0480605	.0002767

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049353	102.2758	.0149666	258.7754	-.001163	-.000621
Stddev	.0020194	.3720	.0001817	.7580	.000100	.000144
%RSD	40.91827	.3637458	1.214016	.2929015	8.610730	23.18083

#1	.0061238	102.0967	.0149559	258.7656	-.001258	-.000783
#2	.0026036	102.7035	.0147905	259.5382	-.001172	-.000508
#3	.0060784	102.0271	.0151534	258.0224	-.001059	-.000572

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.468256	-.003602	.0017608	-.049013	.0072964	-.007282
Stddev	.073650	.003283	.0017611	.064231	.0010602	.001232
%RSD	15.72856	91.13093	100.0185	131.0499	14.53103	16.91328

#1	-.548243	-.002764	.0010829	-.011676	.0079654	-.008612
#2	-.453280	-.000820	.0004394	-.123180	.0060739	-.006180
#3	-.403246	-.007223	.0037602	-.012182	.0078498	-.007054

Sample Name: ICSA Acquired: 11/15/2019 12:42:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) 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	-.000394	-.002062	-.005199	-.003174	-.002203	.0072614
Stddev	.000364	.003429	.000796	.000607	.000792	.0006045
%RSD	92.25222	166.3120	15.30317	19.11766	35.97315	8.324372

#1	-.000809	.001811	-.004716	-.003580	-.003111	.0065863
#2	-.000129	-.004710	-.006118	-.003466	-.001845	.0077523
#3	-.000245	-.003287	-.004764	-.002476	-.001652	.0074457

Elem	Sr4077
Units	ppm
Avg	F .1021451
Stddev	.0001242
%RSD	.1216127

#1	.1021540
#2	.1020167
#3	.1022647

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1626.412	3568.527	36169.58	7075.723	3818.154
Stddev	4.967	10.085	90.98	47.242	6.051
%RSD	.3054123	.2826118	.2515327	.6676654	.1584915

#1	1630.609	3566.778	36240.06	7022.489	3820.248
#2	1627.700	3579.372	36201.80	7092.026	3822.880
#3	1620.928	3559.431	36066.87	7112.655	3811.333

Sample Name: ICB Acquired: 11/15/2019 12:38:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) 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	-.000226	-.000093	-.000082	.0042693	-.000764	.0009504	.0001464
Stddev	.000796	.000177	.000515	.0007377	.000433	.0157559	.0003708
%RSD	351.9679	190.8154	631.0204	17.28005	56.60323	1657.825	253.3026

#1	-.000340	-.000256	.000474	.0044600	-.000265	.0174513	-.000158
#2	-.000959	-.000118	-.000545	.0048929	-.001007	-.000664	.000037
#3	.000621	.000095	-.000174	.0034549	-.001021	-.013936	.000559

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000213	.0000155	-.005500	.0002794	.0002243	.0014237	.0026583
Stddev	.0000923	.0000767	.009491	.0005743	.0002180	.0013522	.0041377
%RSD	432.9396	494.4215	172.5575	205.5275	97.17523	94.97787	155.6558

#1	.0001072	-.000040	-.012779	-.000032	.0003671	.0010256	.0044008
#2	-.000076	-.000017	.005234	.000942	.0003324	.0003152	-.002066
#3	.000033	.000103	-.008956	-.000072	-.000027	.0029304	.005640

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000115	.0003953	-.000014	.0001649	.0877284	-.004070	.0013466
Stddev	.000285	.0152973	.000341	.0004689	.3196637	.001250	.0030904
%RSD	248.5016	3870.085	2361.469	284.3240	364.3789	30.70982	229.4996

#1	.000143	.0175231	-.000096	-.000278	.2204642	-.003777	.0042717
#2	-.000421	-.004429	.000360	.000656	-.276919	-.002992	.0016543
#3	-.000067	-.011908	-.000307	.000117	.319640	-.005440	-.001886

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0464301	-.001626	.0042726	.0001563	-.000617	-.002194	-.000720
Stddev	.0556766	.000563	.0001761	.0001117	.002356	.000367	.000600
%RSD	119.9148	34.62277	4.122638	71.45595	381.6046	16.73420	83.27280

#1	.1035801	-.001660	.0044688	.0002280	-.003337	-.002615	-.001406
#2	.0433561	-.002172	.0042212	.0000276	.000705	-.001940	-.000462
#3	-.007646	-.001047	.0041279	.0002132	.000780	-.002028	-.000293

Sample Name: ICB Acquired: 11/15/2019 12:38:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) 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	-.000540	.0063694	-.000105
Stddev	.000718	.0003669	.000066
%RSD	133.0755	5.760816	62.62631

#1	-.000397	.0066696	-.000153
#2	.000097	.0059603	-.000132
#3	-.001319	.0064781	-.000030

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1733.618	3805.461	38074.47	7203.741	4322.386
Stddev	4.528	4.440	54.08	10.718	4.791
%RSD	.2611620	.1166639	.1420329	.1487846	.1108329

#1	1736.734	3810.387	38013.87	7208.369	4327.918
#2	1735.694	3804.227	38117.83	7211.368	4319.669
#3	1728.424	3801.769	38091.69	7191.487	4319.572

Sample Name: ICSAB Acquired: 11/15/2019 12:46:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0947618	.1094184	.0468672	.0578046	.5855368	228.2396	.5022528
Stddev	.0020296	.0027940	.0020284	.0045124	.0030353	2.2907	.0027945
%RSD	2.141735	2.553472	4.328019	7.806252	.5183781	1.003629	.5563842

#1	.0942622	.1068830	.0447759	.0551779	.5827174	230.5641	.5053325
#2	.0930287	.1124139	.0469996	.0630150	.5851435	228.1701	.5015470
#3	.0969945	.1089584	.0488262	.0552209	.5887496	225.9844	.4998789

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4961184	.9980481	241.4389	.5310321	.4920551	.4516266	97.53260
Stddev	.0017159	.0002652	1.0101	.0012201	.0006598	.0063301	.71872
%RSD	.3458611	.0265711	.4183852	.2297583	.1340916	1.401633	.7369048

#1	.4980783	.9977516	242.5583	.5314414	.4922386	.4584968	98.19447
#2	.4953898	.9981301	241.1631	.5296600	.4926037	.4503528	97.63525
#3	.4948870	.9982626	240.5953	.5319949	.4913229	.4460302	96.76807

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4980273	246.7258	.9749917	.1950317	-.315330	.4871907	1.067223
Stddev	.0031121	1.9205	.0015103	.0011851	.208942	.0082246	.007123
%RSD	.6248799	.7784009	.1549036	.6076613	66.26151	1.688175	.6674016

#1	.5013940	248.5105	.9758666	.1960156	-.201507	.4959224	1.066601
#2	.4974319	246.9733	.9732477	.1937160	-.556469	.4860592	1.060432
#3	.4952559	244.6935	.9758606	.1953634	-.188013	.4795903	1.074637

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.142129	.0093586	-.006605	-.000234	-.004099	-.005787	-.003625
Stddev	.037325	.0007915	.001830	.000302	.004281	.000446	.000611
%RSD	26.26140	8.457386	27.70144	128.9907	104.4443	7.699051	16.85143

#1	-.101892	.0093238	-.004704	-.000267	.000838	-.006158	-.003108
#2	-.175622	.0085850	-.006756	.000083	-.006788	-.005911	-.004299
#3	-.148872	.0101669	-.008354	-.000518	-.006347	-.005293	-.003468

Sample Name: ICSAB Acquired: 11/15/2019 12:46:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001538	.0019309	.0975632
Stddev	.000884	.0011450	.0001184
%RSD	57.49458	59.29945	.1213765

#1	-.000942	.0006095	.0974883
#2	-.001117	.0025522	.0975015
#3	-.002553	.0026310	.0976997

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1634.209	3573.376	36469.86	7145.774	3832.196
Stddev	9.955	7.551	165.69	29.757	1.657
%RSD	.6091497	.2113184	.4543270	.4164337	.0432458

#1	1637.799	3575.137	36434.90	7111.675	3832.131
#2	1641.872	3579.891	36650.24	7159.156	3833.885
#3	1622.958	3565.100	36324.43	7166.490	3830.572

Sample Name: CCV062 Acquired: 11/15/2019 12:50:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV062 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.971148	5.012561	25.47378	4.930996	4.983967	396.1119	10.15547
Stddev	.001583	.023845	.05314	.015690	.015762	5.1911	.03906
%RSD	.0318509	.4757093	.2086217	.3181855	.3162493	1.310520	.3846575

#1	4.970700	4.996144	25.44494	4.935161	4.966091	397.6628	10.19434
#2	4.969836	5.001626	25.44128	4.913644	4.989946	400.3508	10.15585
#3	4.972907	5.039913	25.53511	4.944184	4.995865	390.3221	10.11622

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5012861	2.556087	403.0637	15.39817	2.573578	14.77394	399.4304
Stddev	.0028387	.004777	1.1423	.01045	.005013	.13456	1.3437
%RSD	.5662835	.1868965	.2834074	.0678494	.1947815	.9107688	.3363925

#1	.5044131	2.552320	403.9030	15.38982	2.568686	14.92891	400.3431
#2	.4988712	2.554481	403.5252	15.40989	2.578703	14.68674	400.0605
#3	.5005742	2.561460	401.7628	15.39481	2.573345	14.70617	397.8875

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.97689	399.3791	2.539836	1.276479	389.5597	2.498106	14.70997
Stddev	.04039	1.4499	.003258	.004755	1.3181	.011698	.11318
%RSD	.2696957	.3630401	.1282951	.3725220	.3383512	.4682729	.7693820

#1	14.97885	400.6366	2.536249	1.281719	390.7599	2.509860	14.70910
#2	15.01626	399.7077	2.540647	1.275281	389.7702	2.497994	14.82358
#3	14.93555	397.7931	2.542612	1.272438	388.1491	2.486465	14.59723

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	149.4991	5.122139	4.984566	4.984532	5.188898	4.966343	5.130729
Stddev	1.0508	.018153	.023920	.007042	.031078	.040327	.016545
%RSD	.7029050	.3544055	.4798890	.1412670	.5989338	.8120086	.3224681

#1	150.7124	5.102401	5.011222	4.977610	5.159315	5.011944	5.112525
#2	148.8823	5.125894	4.964970	4.984299	5.186097	4.935378	5.134811
#3	148.9025	5.138120	4.977507	4.991688	5.221282	4.951706	5.144851

Sample Name: CCV062 Acquired: 11/15/2019 12:50:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV062 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.146447	5.164158	5.166718
Stddev	.027268	.004678	.043856
%RSD	.5298414	.0905909	.8488266

#1	5.116803	5.158787	5.195020
#2	5.170460	5.166339	5.116198
#3	5.152077	5.167347	5.188934

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1468.788	3286.172	35138.69	6979.225	3449.183
Stddev	8.682	6.751	105.81	15.911	8.113
%RSD	.5910757	.2054482	.3011113	.2279775	.2352207

#1	1464.822	3293.493	35089.12	6960.890	3457.711
#2	1462.798	3284.831	35066.77	6987.378	3448.278
#3	1478.744	3280.192	35260.18	6989.408	3441.560

Sample Name: CCB062 Acquired: 11/15/2019 12:54:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB062 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001357	.0000606	.0008970	.0006904	-.000425	.0012296	.0000616
Stddev	.0017683	.0010469	.0024161	.0020406	.000522	.0113235	.0005159
%RSD	1303.246	1727.669	269.3482	295.5518	122.8237	920.9012	837.6643

#1	-.000141	-.000718	.0036758	-.001242	-.000740	.0121739	-.000010
#2	-.001478	.001251	-.000707	.002824	.000178	.0019534	-.000415
#3	.002026	-.000350	-.000277	.000488	-.000713	-.010438	.000610

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000623	.0001022	.0075648	.0004009	-.000023	.0033803	.0008973
Stddev	.0000429	.0000938	.0118080	.0004133	.000067	.0011323	.0083508
%RSD	68.90597	91.70764	156.0909	103.0830	296.6926	33.49832	930.6911

#1	.0000609	.0001854	.0090776	-.000073	.000010	.0026003	-.007657
#2	.0000201	.0001207	.0185435	.000592	-.000099	.0028614	.009028
#3	.0001059	.0000006	-.004927	.000684	.000022	.0046790	.001321

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001931	.0049009	.0002928	.0007131	-.004904	-.003065	-.001379
Stddev	.0005375	.0281118	.0002494	.0002956	.188012	.003127	.000668
%RSD	278.3477	573.6018	85.17976	41.44640	3833.769	102.0501	48.46868

#1	.0006694	-.021704	.0005142	.0004635	-.174656	-.005940	-.000721
#2	.0002996	.034310	.0003416	.0010395	-.037232	.000265	-.002057
#3	-.000390	.002097	.0000226	.0006364	.197176	-.003519	-.001357

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0225043	.0000623	.0123322	.0004955	-.001110	-.003119	-.000568
Stddev	.0289604	.0017963	.0012718	.0004552	.001474	.001421	.001326
%RSD	128.6881	2884.458	10.31322	91.87183	132.8467	45.56128	233.3321

#1	.0151738	.0014503	.0136917	.0009094	-.002283	-.002959	-.002014
#2	-.002086	.0007031	.0111713	.0000079	.000545	-.004613	-.000279
#3	.054426	-.001967	.0121336	.0005693	-.001591	-.001784	.000589

Sample Name: CCB062 Acquired: 11/15/2019 12:54:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB062 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008521	.0056536	.0000368
Stddev	.0002815	.0014776	.0000300
%RSD	33.03242	26.13558	81.46534

#1	.0010556	.0073592	.0000560
#2	.0009698	.0048403	.0000023
#3	.0005309	.0047614	.0000521

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1736.423	3793.436	38204.85	7237.709	4306.783
Stddev	4.085	7.816	202.36	62.191	4.572
%RSD	.2352385	.2060518	.5296685	.8592656	.1061596

#1	1741.138	3784.414	38110.59	7180.051	4301.672
#2	1733.954	3798.159	38066.81	7303.611	4308.192
#3	1734.178	3797.736	38437.14	7229.466	4310.484

Sample Name: PB124820BL Acquired: 11/15/2019 13:00:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS820 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006885	-.000419	-.000117	.0034518	-.001929	-.001071	-.000869
Stddev	.0020180	.001883	.000815	.0008122	.001201	.005435	.000373
%RSD	293.1129	449.0649	697.6218	23.52901	62.27501	507.4828	42.95755

#1	.0029264	.001026	.000796	.0029050	-.003094	-.001093	-.000938
#2	-.000993	.000264	-.000376	.0043850	-.002000	.004375	-.000467
#3	.000132	-.002548	-.000770	.0030653	-.000694	-.006495	-.001204

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000409	.0000749	-.002925	.0002851	.0001148	.0005705	-.006442
Stddev	.0000609	.0000486	.009410	.0004946	.0002258	.0047942	.011251
%RSD	148.8896	64.86374	321.7125	173.4764	196.6480	840.3750	174.6546

#1	.0000630	.0001303	-.005106	.0008335	-.000125	-.001633	-.019427
#2	.0000876	.0000395	.007384	-.000127	.000147	.006070	-.000286
#3	-.000028	.0000550	-.011053	.000149	.000323	-.002726	.000388

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000312	-.006047	-.000125	.0001435	.0680056	-.005957	.0000755
Stddev	.000639	.034971	.000296	.0001520	.1202698	.001408	.0005078
%RSD	204.7619	578.3088	235.7202	105.9107	176.8528	23.63688	672.1567

#1	.000226	.034240	-.000288	.0002515	-.046399	-.007551	.0004990
#2	-.000144	-.028582	.000216	.0002094	.057028	-.005439	.0002151
#3	-.001019	-.023799	-.000305	-.000030	.193388	-.004882	-.000487

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004834	.0003268	.0016971	.0001982	.0025424	-.004153	-.000903
Stddev	.020744	.0014799	.0012281	.0003007	.0036608	.001097	.000991
%RSD	429.1437	452.8662	72.36389	151.6772	143.9853	26.40417	109.7478

#1	-.009304	-.001379	.0007641	.0005216	.0063389	-.005271	-.000487
#2	-.022978	.001271	.0030885	.0001460	.0022540	-.003079	-.002034
#3	.017781	.001088	.0012388	-.000073	-.000966	-.004110	-.000188

Sample Name: PB124820BL Acquired: 11/15/2019 13:00:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS820 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000069	-.000493	.0000023
Stddev	.001308	.002800	.0000539
%RSD	1897.322	567.7036	2296.986

#1	.000553	.002724	-.000035
#2	-.001572	-.002379	.000064
#3	.000812	-.001825	-.000022

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1733.230	3784.012	38233.93	7247.990	4287.966
Stddev	12.694	3.754	131.25	18.122	12.599
%RSD	.7323713	.0992044	.3432689	.2500311	.2938215

#1	1738.953	3785.980	38250.37	7266.936	4292.900
#2	1718.683	3786.372	38095.25	7246.210	4297.351
#3	1742.055	3779.683	38356.19	7230.823	4273.647

Sample Name: K5844-08 Acquired: 11/15/2019 14:00:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLP54 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5128858	.0057105	27.28716	.0096932	.0248206	211.3892
Stddev	.0015711	.0017675	.06119	.0052910	.0041209	1.3905
%RSD	.3063300	30.95089	.2242347	54.58470	16.60295	.6578004

#1	.5122899	.0068882	27.35603	.0123170	.0289665	210.2913
#2	.5146677	.0065651	27.23906	.0131596	.0247700	210.9236
#3	.5116998	.0036782	27.26638	.0036031	.0207251	212.9528

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.669241	.0090014	.1885499	271.6414	.3545675	.0998648
Stddev	.024990	.0001156	.0003265	1.2880	.0023240	.0004423
%RSD	.5352124	1.283848	.1731589	.4741639	.6554540	.4429209

#1	4.647328	.0089771	.1888954	270.6190	.3519002	.1001968
#2	4.663937	.0088999	.1882465	271.2172	.3556458	.0993626
#3	4.696457	.0091272	.1885077	273.0880	.3561565	.1000349

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.572279	206.1319	9.007887	61.27135	.2122861	.0224335
Stddev	.016432	1.0142	.033668	.14567	.0004199	.0004711
%RSD	.6388162	.4920014	.3737663	.2377424	.1978026	2.100063

#1	2.570580	205.2274	8.973999	61.12587	.2121740	.0226008
#2	2.556763	205.9400	9.008331	61.27097	.2119336	.0219016
#3	2.589496	207.2283	9.041331	61.41720	.2127507	.0227982

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.142091	.3279715	22.22267	16.46886	F 57.12424	.1099319
Stddev	.122141	.0015477	.21018	.13414	.04812	.0014444
%RSD	5.701927	.4718848	.9457875	.8145129	.0842450	1.313876

#1	2.177339	.3287053	22.39363	16.37338	57.08339	.1093474
#2	2.242732	.3261934	21.98801	16.41098	57.11203	.1115769
#3	2.006203	.3290157	22.28636	16.62223	57.17729	.1088714

Sample Name: K5844-08 Acquired: 11/15/2019 14:00:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLP54 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110991	20.90931	3.469543	.1264167	5.844424	.1447828
Stddev	.0001609	.02034	.021597	.0007524	.006578	.0004858
%RSD	1.449666	.0972795	.6224840	.5951485	.1125432	.3355051

#1	.0109137	20.93199	3.444610	.1272829	5.843751	.1452068
#2	.0111818	20.90327	3.481535	.1259261	5.851312	.1442528
#3	.0112018	20.89268	3.482483	.1260410	5.838209	.1448888

Elem	Sr4077
Units	ppm
Avg	1.219642
Stddev	.001254
%RSD	.1028399

#1	1.219912
#2	1.218275
#3	1.220740

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1845.082	3982.187	41788.15	8187.987	3890.088
Stddev	18.421	1.392	239.40	43.491	6.439
%RSD	.9983667	.0349578	.5728984	.5311503	.1655158

#1	1829.784	3981.029	41557.54	8219.194	3884.362
#2	1865.529	3983.731	42035.48	8206.458	3897.058
#3	1839.934	3981.800	41771.43	8138.310	3888.843

Sample Name: PB124820BS Acquired: 11/15/2019 13:04:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS820 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0199659	.0545315	.0209252	.0780499	.1231044	.4102521
Stddev	.0003745	.0012717	.0008261	.0033537	.0002168	.0030721
%RSD	1.875718	2.332006	3.948076	4.296831	.1760793	.7488406

#1	.0195456	.0551411	.0199930	.0745792	.1230891	.4070471
#2	.0202641	.0530697	.0215667	.0782977	.1228956	.4131714
#3	.0200881	.0553836	.0212159	.0812728	.1233283	.4105377

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4084562	.0108372	.0108394	10.62455	.0226747	.1042020
Stddev	.0015960	.0000933	.0000575	.03089	.0003027	.0003375
%RSD	.3907436	.8609278	.5305942	.2907821	1.335080	.3239223

#1	.4072509	.0107559	.0107790	10.59163	.0224114	.1038346
#2	.4078516	.0109390	.0108457	10.62910	.0226073	.1044983
#3	.4102662	.0108165	.0108935	10.65291	.0230055	.1042730

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0453238	.2274315	.0335381	10.32937	.0868330	.0213484
Stddev	.0011138	.0044688	.0007657	.06402	.0004731	.0003123
%RSD	2.457396	1.964916	2.283167	.6197960	.5448421	1.462837

#1	.0448478	.2225689	.0333702	10.31458	.0873733	.0211431
#2	.0445272	.2313585	.0343738	10.27404	.0864930	.0211943
#3	.0465966	.2283672	.0328702	10.39949	.0866327	.0217078

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.13563	.1046350	.1414829	9.136526	.0233912	F .0288844
Stddev	.11247	.0026546	.0012205	.086710	.0002232	.0007390
%RSD	1.109657	2.536985	.8626394	.9490462	.9541439	2.558654

#1	10.00902	.1017009	.1424732	9.112606	.0236362	.0293745
#2	10.22397	.1053339	.1418562	9.232685	.0231994	.0280344
#3	10.17390	.1068702	.1401194	9.064287	.0233381	.0292444

Sample Name: PB124820BS Acquired: 11/15/2019 13:04:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS820 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0212849	.1890052	.1894944	.0133683	.2048400	F .0814517
Stddev	.0002709	.0042927	.0027526	.0002840	.0024048	.0012163
%RSD	1.272537	2.271197	1.452613	2.124741	1.174007	1.493268
#1	.0213554	.1861119	.1863431	.0133174	.2045270	.0805381
#2	.0209858	.1939373	.1914289	.0131131	.2073859	.0809848
#3	.0215135	.1869662	.1907113	.0136743	.2026069	.0828323

Elem	Sr4077
Units	ppm
Avg	.2089842
Stddev	.0008481
%RSD	.4057963
#1	.2087563
#2	.2099229
#3	.2082733

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1767.804	3842.296	38919.67	7391.948	4365.820
Stddev	11.274	6.314	165.47	56.099	6.033
%RSD	.6377636	.1643346	.4251633	.7589168	.1381797
#1	1776.144	3840.832	39048.41	7445.927	4363.931
#2	1754.977	3849.213	38733.03	7333.946	4372.572
#3	1772.292	3836.842	38977.58	7395.971	4360.958

Sample Name: PB124821BL Acquired: 11/15/2019 13:08:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW821 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000145	-.000023	.0003033	.0043320	-.001049	-.000128	-.000758
Stddev	.002433	.000640	.0010482	.0027232	.001277	.001365	.000514
%RSD	1679.773	2779.461	345.5754	62.86372	121.7324	1069.094	67.78617

#1	.001625	-.000339	-.000782	.0026354	.000188	.000389	-.000166
#2	-.002919	.000714	.001310	.0028874	-.000973	.000904	-.001088
#3	.000860	-.000444	.000383	.0074731	-.002363	-.001676	-.001021

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000386	.0000186	.0070761	.0003584	.0001498	.0038635	.0022400
Stddev	.0000676	.0000263	.0132984	.0002200	.0002057	.0033915	.0018669
%RSD	174.9602	141.1265	187.9334	61.39739	137.3135	87.78281	83.34299

#1	.0001158	-.000009	.0006536	.0002416	.0000494	.0066990	.0043865
#2	.0000104	.000021	-.001792	.0002213	.0000136	.0001065	.0009940
#3	-.000010	.000044	.022367	.0006122	.0003863	.0047849	.0013396

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000051	.0164411	.0000404	.0001546	-.264203	-.002580	-.002461
Stddev	.000088	.0159353	.0001881	.0001598	.105755	.000997	.001501
%RSD	171.9031	96.92363	465.5633	103.4140	40.02781	38.65547	60.96797

#1	-.000109	.0149083	.0002575	.0002897	-.300161	-.002036	-.001132
#2	-.000095	.0330873	-.000064	.0001959	-.347290	-.003731	-.002164
#3	.000050	.0013276	-.000073	-.000022	-.145158	-.001973	-.004089

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.041431	.0013038	-.000889	.0001287	-.001276	-.003827	-.002019
Stddev	.002959	.0002657	.000606	.0003862	.002039	.000467	.000115
%RSD	7.142568	20.37658	68.21611	300.1842	159.7491	12.19590	5.685192

#1	-.041044	.0015970	-.001443	.0005644	-.002547	-.003732	-.001948
#2	-.038684	.0010791	-.000241	-.000171	.001076	-.004334	-.002151
#3	-.044564	.0012352	-.000981	-.000007	-.002358	-.003415	-.001958

Sample Name: PB124821BL Acquired: 11/15/2019 13:08:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW821 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000571	-.002894	.0000168
Stddev	.000587	.001363	.0000233
%RSD	102.7990	47.10970	138.4948

#1	-.000611	-.001342	-.000005
#2	.000035	-.003898	.000042
#3	-.001135	-.003442	.000013

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1730.154	3765.365	38118.62	7207.133	4268.759
Stddev	12.363	3.989	215.96	28.872	4.424
%RSD	.7145780	.1059266	.5665453	.4006092	.1036336

#1	1717.380	3761.489	37900.98	7175.411	4265.215
#2	1742.061	3765.148	38332.85	7214.111	4267.345
#3	1731.021	3769.457	38122.03	7231.877	4273.717

Sample Name: PB124821BS Acquired: 11/15/2019 13:12:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS821 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0195871	.0552920	.0212725	.0847909	.1289412	.4132830
Stddev	.0009428	.0004054	.0010498	.0002208	.0016912	.0029969
%RSD	4.813479	.7331431	4.935157	.2603641	1.311576	.7251405

#1	.0194423	.0556497	.0201477	.0845913	.1304587	.4127790
#2	.0187250	.0548517	.0214433	.0847534	.1271181	.4164999
#3	.0205939	.0553746	.0222264	.0850280	.1292470	.4105701

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4227203	.0108926	.0109117	10.71095	.0223670	.1045034
Stddev	.0007051	.0000290	.0000319	.04174	.0005621	.0004171
%RSD	.1668062	.2658619	.2928416	.3896932	2.513278	.3991133

#1	.4226163	.0109248	.0109093	10.66499	.0225318	.1040302
#2	.4234717	.0108687	.0109447	10.72135	.0228284	.1048178
#3	.4220730	.0108843	.0108810	10.74650	.0217409	.1046621

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0500654	.2192961	.0340728	10.34866	.0862911	.0212558
Stddev	.0018094	.0080137	.0005943	.04472	.0003736	.0002929
%RSD	3.614108	3.654282	1.744320	.4320907	.4329640	1.378039

#1	.0521366	.2111290	.0340984	10.38653	.0865478	.0214427
#2	.0487922	.2271470	.0346540	10.29933	.0858625	.0214065
#3	.0492672	.2196124	.0334661	10.36013	.0864630	.0209182

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.724095	.1079398	.1404149	9.668945	.0201626	F .0195291
Stddev	.053774	.0047821	.0015835	.027920	.0001486	.0006689
%RSD	.5529971	4.430360	1.127754	.2887546	.7372002	3.425377

#1	9.785629	.1025051	.1418995	9.647933	.0199935	.0202974
#2	9.700528	.1098104	.1405971	9.700626	.0202217	.0192142
#3	9.686129	.1115038	.1387482	9.658275	.0202725	.0190757

Sample Name: PB124821BS Acquired: 11/15/2019 13:12:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS821 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0218716	.1964166	.1977504	.0113807	.2115123	F .0990964
Stddev	.0001366	.0002012	.0004380	.0008634	.0007304	.0018219
%RSD	.6243272	.1024255	.2214803	7.586748	.3453092	1.838519

#1	.0218340	.1964204	.1978920	.0103838	.2120010	.0995316
#2	.0220230	.1962135	.1972592	.0118917	.2118633	.0970963
#3	.0217578	.1966158	.1981001	.0118666	.2106727	.1006614

Elem	Sr4077
Units	ppm
Avg	.2117984
Stddev	.0005062
%RSD	.2390000

#1	.2112595
#2	.2118717
#3	.2122639

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1721.463	3752.078	38130.55	7264.356	4273.243
Stddev	9.860	3.333	40.80	31.590	6.870
%RSD	.5727878	.0888375	.1070035	.4348577	.1607776

#1	1711.576	3751.461	38092.99	7287.105	4275.173
#2	1721.517	3755.677	38124.70	7277.674	4278.943
#3	1731.297	3749.096	38173.96	7228.288	4265.614

Sample Name: PB124832BS Acquired: 11/15/2019 13:21:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS832 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0194787	.0535697	.0214745	.0801404	.1274818	.4023344
Stddev	.0007681	.0029711	.0005445	.0009820	.0012994	.0075412
%RSD	3.943246	5.546301	2.535689	1.225376	1.019279	1.874370

#1	.0202542	.0515225	.0210013	.0802266	.1266493	.3993872
#2	.0194636	.0522091	.0213525	.0810764	.1268170	.3967119
#3	.0187182	.0569775	.0220696	.0791181	.1289791	.4109042

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4183298	.0107671	.0108702	10.62641	.0222111	.1043041
Stddev	.0024783	.0000698	.0000136	.02945	.0003284	.0007293
%RSD	.5924390	.6477922	.1252490	.2771337	1.478585	.6992402

#1	.4210584	.0108367	.0108784	10.65858	.0225850	.1051435
#2	.4162185	.0107674	.0108545	10.61989	.0219691	.1038248
#3	.4177123	.0106972	.0108777	10.60078	.0220794	.1039441

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0469193	.2140921	.0337220	10.20710	.0859527	.0211717
Stddev	.0015504	.0068186	.0001546	.05674	.0003294	.0003019
%RSD	3.304440	3.184892	.4585749	.5559239	.3831910	1.425917

#1	.0451702	.2106089	.0338313	10.27260	.0863261	.0214902
#2	.0481245	.2219487	.0335451	10.17585	.0857037	.0211352
#3	.0474631	.2097186	.0337897	10.17285	.0858282	.0208897

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.928216	.1043101	.1362943	9.399439	.0208078	F .0188252
Stddev	.169936	.0032841	.0040958	.054863	.0008622	.0003587
%RSD	1.711644	3.148380	3.005130	.5836839	4.143653	1.905187

#1	9.877591	.1024326	.1378062	9.460610	.0200619	.0188759
#2	9.789346	.1023956	.1316575	9.383118	.0206098	.0191559
#3	10.11771	.1081022	.1394193	9.354588	.0217518	.0184440

Sample Name: PB124832BS Acquired: 11/15/2019 13:21:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS832 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0217035	.1936896	.1960979	.0112071	.2099294	F .0969059
Stddev	.0007897	.0072185	.0001948	.0012284	.0014226	.0013741
%RSD	3.638714	3.726844	.0993236	10.96107	.6776423	1.417957

#1	.0222052	.1989743	.1962037	.0110108	.2112087	.0955569
#2	.0221121	.1966293	.1962168	.0125218	.2083974	.0968569
#3	.0207932	.1854650	.1958731	.0100886	.2101820	.0983038

Elem	Sr4077
Units	ppm
Avg	.2111455
Stddev	.0005377
%RSD	.2546548

#1	.2106498
#2	.2117171
#3	.2110697

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1739.301	3738.746	38259.83	7290.320	4256.838
Stddev	2.194	25.041	60.76	15.548	26.568
%RSD	.1261528	.6697636	.1588001	.2132747	.6241266

#1	1741.643	3710.127	38195.39	7283.324	4226.306
#2	1737.294	3749.483	38268.02	7279.498	4274.691
#3	1738.964	3756.627	38316.07	7308.137	4269.517

Sample Name: PB124832BL Acquired: 11/15/2019 13:16:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS832 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000213	-.000521	-.000823	.0025400	-.000940	-.000848	-.000625
Stddev	.001430	.001630	.001436	.0022782	.000735	.005998	.000614
%RSD	671.9102	312.5180	174.5317	89.69474	78.23589	707.1569	98.37750

#1	-.001793	-.002303	.000784	.0042047	-.001582	-.001089	-.001152
#2	.000161	.000894	-.001978	.0034716	-.000138	.005266	-.000772
#3	.000993	-.000156	-.001274	-.000056	-.001099	-.006722	.000050

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000603	.0000685	-.001065	.0003121	.0000887	.0024069	-.001482
Stddev	.0000674	.0000067	.003052	.0001917	.0001359	.0015665	.005688
%RSD	111.6642	9.713721	286.4667	61.40566	153.2358	65.08180	383.6860

#1	.0001195	.0000608	-.003650	.0004021	.0002080	.0037230	-.006839
#2	.0000745	.0000723	-.001847	.0000920	.0001175	.0028234	-.002096
#3	-.000013	.0000724	.002301	.0004422	-.000059	.0006743	.004487

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001163	-.003112	-.000107	.0006420	-.188513	-.002027	-.002643
Stddev	.0001409	.011913	.000383	.0001542	.080908	.000431	.001501
%RSD	121.1731	382.7917	359.1809	24.01481	42.91920	21.27356	56.76640

#1	.0002742	.009323	.000298	.0005704	-.132826	-.001634	-.002120
#2	.0000710	-.014424	-.000464	.0008189	-.281320	-.002489	-.004335
#3	.0000036	-.004236	-.000154	.0005366	-.151392	-.001959	-.001474

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.116341	-.001033	-.001909	.0001124	-.002094	-.004383	-.000781
Stddev	.061286	.002271	.000280	.0001711	.002259	.000683	.000338
%RSD	52.67822	219.7139	14.67346	152.1910	107.8935	15.59098	43.31224

#1	-.088728	.001584	-.001984	.0000655	-.003623	-.004350	-.001070
#2	-.186575	-.002469	-.002144	.0003021	.000501	-.005082	-.000864
#3	-.073719	-.002215	-.001599	-.000030	-.003160	-.003716	-.000409

Sample Name: PB124832BL Acquired: 11/15/2019 13:16:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS832 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002763	-.006329	.0000043
Stddev	.0002464	.001593	.0000540
%RSD	89.19001	25.16560	1257.543

#1	.0004823	-.007382	-.000041
#2	.0000033	-.004497	.000064
#3	.0003432	-.007107	-.000010

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1727.129	3775.384	38214.99	7235.054	4289.354
Stddev	6.749	4.847	43.43	4.362	4.277
%RSD	.3907589	.1283810	.1136427	.0602944	.0997026

#1	1723.785	3769.948	38174.77	7239.804	4284.425
#2	1722.705	3776.950	38209.16	7231.228	4292.072
#3	1734.897	3779.255	38261.04	7234.130	4291.566

Sample Name: K5844-01 Acquired: 11/15/2019 13:29:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLP50 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2696890	.0067321	7.545936	.0046041	.0111397	121.0264
Stddev	.0039631	.0007109	.010465	.0035376	.0009044	.7264
%RSD	1.469522	10.55934	.1386903	76.83741	8.118983	.6002017

#1	.2651188	.0073716	7.537449	.0073421	.0118305	120.7198
#2	.2717702	.0068581	7.542728	.0006097	.0114726	121.8559
#3	.2721779	.0059667	7.557630	.0058604	.0101160	120.5037

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.570584	.0066073	.1291363	114.1677	.2329171	.0827137
Stddev	.006564	.0000785	.0003041	.3427	.0005732	.0003729
%RSD	.2553637	1.188285	.2354666	.3001317	.2461001	.4508146

#1	2.568307	.0066847	.1288897	113.9265	.2325133	.0823184
#2	2.577984	.0065277	.1290431	114.5600	.2326647	.0830592
#3	2.565461	.0066095	.1294761	114.0168	.2335731	.0827635

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.386956	188.4486	5.163880	54.32257	.1926599	.0124617
Stddev	.007727	.7520	.016461	.36108	.0009830	.0005011
%RSD	.5571471	.3990500	.3187736	.6646885	.5102468	4.021017

#1	1.386323	188.1791	5.157581	54.12116	.1935145	.0123266
#2	1.394980	189.2982	5.182560	54.73942	.1928795	.0130165
#3	1.379564	187.8685	5.151498	54.10712	.1915856	.0120421

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.311489	.2907068	6.261074	16.83648	F 19.77443	.0269373
Stddev	.301716	.0043600	.013986	.17781	.02788	.0010760
%RSD	23.00557	1.499785	.2233800	1.056080	.1410056	3.994601

#1	1.393886	.2904398	6.269030	16.71801	19.74766	.0280797
#2	.977135	.2951942	6.269267	17.04094	19.80331	.0259429
#3	1.563447	.2864865	6.244925	16.75050	19.77233	.0267892

Sample Name: K5844-01 Acquired: 11/15/2019 13:29:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLP50 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076908	7.868633	2.802822	.0567825	6.430825	.1422560
Stddev	.0000842	.038816	.010958	.0010750	.031162	.0008236
%RSD	1.094444	.4932969	.3909720	1.893200	.4845730	.5789292

#1	.0076904	7.824936	2.795458	.0569168	6.428215	.1426232
#2	.0076068	7.899118	2.815415	.0556466	6.401050	.1413127
#3	.0077752	7.881844	2.797592	.0577840	6.463210	.1428321

Elem	Sr4077
Units	ppm
Avg	.5905127
Stddev	.0009280
%RSD	.1571450

#1	.5904525
#2	.5896164
#3	.5914693

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1852.707	3987.234	41292.53	8054.748	4060.905
Stddev	2.745	6.258	99.83	38.379	5.262
%RSD	.1481719	.1569394	.2417725	.4764817	.1295818

#1	1849.574	3992.533	41202.36	8063.450	4065.570
#2	1854.694	3988.840	41399.81	8012.765	4061.945
#3	1853.852	3980.330	41275.42	8088.029	4055.201

Sample Name: K5844-18 Acquired: 11/15/2019 13:25:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLP64 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002011	-.002539	.0055615	.0041013	-.001165	.1454133	.0021464
Stddev	.000252	.000722	.0009292	.0005493	.002171	.0054392	.0006661
%RSD	12.53932	28.45179	16.70677	13.39376	186.3863	3.740527	31.03198

#1	-.001850	-.003319	.0045453	.0034968	-.000419	.1424663	.0013835
#2	-.001881	-.002405	.0063676	.0045700	.000535	.1420834	.0024432
#3	-.002301	-.001892	.0057717	.0042371	-.003610	.1516900	.0026125

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000015	.0000723	.1570431	.0000481	-.000027	.0056325	.0686945
Stddev	.000046	.0000366	.0040160	.0002225	.000254	.0013354	.0036096
%RSD	295.8585	50.57290	2.557254	462.0530	944.4605	23.70945	5.254560

#1	-.000031	.0000990	.1582070	.0000855	.000193	.0049534	.0688379
#2	.000036	.0000872	.1603486	-.000191	.000031	.0047732	.0650153
#3	-.000052	.0000306	.1525737	.000250	-.000305	.0071711	.0722302

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042824	.0221216	.0003595	.0002440	.2535180	-.003839	.0590820
Stddev	.0003948	.0159432	.0001483	.0003131	.1514459	.001322	.0009158
%RSD	9.218730	72.07059	41.26083	128.2905	59.73772	34.42274	1.550101

#1	.0043256	.0363079	.0001890	-.000050	.3243162	-.005046	.0599145
#2	.0046538	.0251894	.0004588	.000573	.0796394	-.004045	.0581010
#3	.0038678	.0048674	.0004306	.000209	.3565984	-.002427	.0592307

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.548404	.1387503	-.002567	.0004622	.0276566	.0500244	-.002575
Stddev	.034004	.0007847	.000723	.0002904	.0013884	.0006018	.000290
%RSD	6.200566	.5655526	28.16767	62.81701	5.019970	1.202978	11.27251

#1	-.540314	.1379621	-.003401	.0007423	.0262016	.0507104	-.002372
#2	-.585723	.1395314	-.002194	.0004819	.0289669	.0497777	-.002907
#3	-.519173	.1387575	-.002107	.0001626	.0278014	.0495853	-.002445

Sample Name: K5844-18 Acquired: 11/15/2019 13:25:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLP64 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0018140	-.017825	.0005824
Stddev	.0004505	.001331	.0000860
%RSD	24.83653	7.464467	14.75879

#1	.0014871	-.019065	.0005141
#2	.0016270	-.017990	.0005542
#3	.0023279	-.016419	.0006789

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1776.494	3834.892	39279.23	7406.443	4358.228
Stddev	11.609	6.801	218.47	29.392	8.010
%RSD	.6535023	.1773380	.5561982	.3968411	.1837822

#1	1780.045	3842.538	39202.65	7435.712	4364.619
#2	1785.914	3829.519	39525.68	7406.687	4349.243
#3	1763.524	3832.619	39109.36	7376.930	4360.821

Sample Name: K5844-02 Acquired: 11/15/2019 13:33:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLP50D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2671588	.0080129	7.529483	.0035179	.0120979	120.7666
Stddev	.0005229	.0033235	.021251	.0008642	.0015501	.8897
%RSD	.1957144	41.47692	.2822422	24.56460	12.81311	.7366906

#1	.2674603	.0062113	7.552135	.0028144	.0108480	121.7283
#2	.2674612	.0118482	7.509984	.0032569	.0116132	120.5985
#3	.2665551	.0059791	7.526330	.0044825	.0138324	119.9729

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.576604	.0066697	.1287277	114.0886	.2316021	.0819800
Stddev	.016501	.0001240	.0005617	.5794	.0002984	.0003612
%RSD	.6404119	1.858637	.4363690	.5078583	.1288496	.4405668

#1	2.595657	.0066830	.1293349	114.6813	.2312606	.0822640
#2	2.566961	.0067864	.1282266	114.0609	.2318127	.0815735
#3	2.567194	.0065396	.1286214	113.5235	.2317331	.0821025

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.387037	188.0334	5.158671	54.27423	.1924394	.0122782
Stddev	.011592	.6481	.013910	.21314	.0007336	.0001720
%RSD	.8357234	.3446769	.2696467	.3927154	.3811886	1.400548

#1	1.398225	188.7792	5.174731	54.47707	.1927589	.0124768
#2	1.387807	187.6070	5.150850	54.29351	.1916003	.0121783
#3	1.375080	187.7139	5.150431	54.05210	.1929590	.0121796

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.286243	.2896281	6.234144	16.87829	F 19.78393	.0271251
Stddev	.342615	.0037960	.023634	.15833	.05942	.0028762
%RSD	26.63692	1.310647	.3791086	.9380607	.3003198	10.60366

#1	1.595046	.2938527	6.259059	17.01713	19.85123	.0267070
#2	1.346004	.2865037	6.231331	16.91187	19.73874	.0244807
#3	.917678	.2885281	6.212043	16.70586	19.76183	.0301875

Sample Name: K5844-02 Acquired: 11/15/2019 13:33:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLP50D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072111	7.847193	2.802420	.0581080	6.435176	.1428429
Stddev	.0001385	.030223	.016439	.0018902	.031526	.0017391
%RSD	1.920858	.3851393	.5866030	3.252834	.4899007	1.217480

#1	.0072477	7.869580	2.819775	.0601334	6.399890	.1442108
#2	.0070580	7.812814	2.787083	.0563910	6.460570	.1434321
#3	.0073277	7.859183	2.800404	.0577997	6.445067	.1408857

Elem	Sr4077
Units	ppm
Avg	.5899333
Stddev	.0019089
%RSD	.3235761

#1	.5890270
#2	.5921265
#3	.5886464

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1854.349	3973.088	41216.50	8024.506	4047.855
Stddev	14.438	7.058	136.91	39.522	9.892
%RSD	.7785929	.1776523	.3321701	.4925131	.2443777

#1	1855.062	3964.938	41276.96	8025.980	4037.676
#2	1839.568	3977.103	41059.78	7984.267	4057.432
#3	1868.418	3977.222	41312.78	8063.270	4048.456

Sample Name: K5844-01LX5 Acquired: 11/15/2019 13:40:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLP50L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0538852	-.000670	1.460008	.0022255	.0002579	24.45800	.5289641
Stddev	.0028974	.000811	.000471	.0007632	.0016920	.16242	.0003811
%RSD	5.377067	120.9701	.0322539	34.29552	656.0066	.6640706	.0720398

#1	.0506432	.000262	1.459557	.0018497	.0007513	24.42532	.5288226
#2	.0562219	-.001061	1.460496	.0017230	.0016484	24.63427	.5293957
#3	.0547904	-.001212	1.459970	.0031038	-.001626	24.31441	.5286741

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014332	.0250392	23.84523	.0493666	.0153441	.2951291	39.85452
Stddev	.0000696	.0000728	.05520	.0004958	.0001938	.0034688	.12324
%RSD	4.858229	.2906209	.2315007	1.004390	1.263243	1.175349	.3092158

#1	.0014082	.0249917	23.79879	.0494184	.0153925	.2984749	39.82041
#2	.0015119	.0251229	23.90626	.0488469	.0151307	.2953631	39.99122
#3	.0013796	.0250029	23.83063	.0498345	.0155092	.2915492	39.75193

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.088051	11.23835	.0373725	.0028050	.0605783	.0568002	1.270370
Stddev	.001132	.03513	.0001172	.0001990	.0380574	.0008338	.004957
%RSD	.1040844	.3125767	.3135820	7.095297	62.82350	1.467935	.3902042

#1	1.086866	11.19786	.0372487	.0025791	.0532101	.0568430	1.266820
#2	1.089122	11.26070	.0374818	.0029547	.0267438	.0559459	1.276033
#3	1.088164	11.25649	.0373870	.0028811	.1017811	.0576118	1.268256

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.259890	3.786581	.0041496	.0015757	1.458649	.5772921	.0102141
Stddev	.028024	.012268	.0007826	.0002096	.006859	.0089718	.0002113
%RSD	.8596701	.3239920	18.85988	13.30054	.4702078	1.554118	2.068506

#1	3.244999	3.783254	.0032460	.0017230	1.451537	.5694332	.0101031
#2	3.292216	3.776319	.0046113	.0016684	1.459190	.5870672	.0104578
#3	3.242454	3.800169	.0045914	.0013358	1.465222	.5753758	.0100815

Sample Name: K5844-01LX5 Acquired: 11/15/2019 13:40:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLP50L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.334496	.0254548	.1224651
Stddev	.007888	.0006241	.0002055
%RSD	.5910944	2.451739	.1677897

#1	1.334302	.0247369	.1222502
#2	1.326707	.0257590	.1224853
#3	1.342480	.0258684	.1226597

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1771.449	3807.175	39207.79	7488.052	4238.962
Stddev	2.160	4.685	126.58	10.231	4.861
%RSD	.1219598	.1230582	.3228505	.1366294	.1146748

#1	1772.877	3807.466	39348.72	7481.926	4244.574
#2	1772.506	3811.708	39170.91	7482.366	4236.238
#3	1768.963	3802.352	39103.74	7499.863	4236.073

Sample Name: K5844-05 Acquired: 11/15/2019 13:48:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLP52 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4901877	.0068887	12.15120	.0069062	.0238682	159.6916
Stddev	.0082500	.0034776	.01657	.0016110	.0021692	.2905
%RSD	1.683029	50.48262	.1364024	23.32716	9.088405	.1818915

#1	.4809268	.0033216	12.13229	.0086902	.0235865	160.0008
#2	.4967518	.0070753	12.16321	.0064704	.0261646	159.6494
#3	.4928845	.0102694	12.15810	.0055579	.0218536	159.4245

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.985542	.0074898	.2117946	296.8085	.2942004	.0966132
Stddev	.007462	.0002148	.0003447	.3365	.0027089	.0002217
%RSD	.1068215	2.867809	.1627460	.1133878	.9207666	.2294848

#1	6.991908	.0072543	.2116257	297.0860	.2915382	.0964701
#2	6.987389	.0075401	.2121912	296.4341	.2941093	.0965010
#3	6.977330	.0076750	.2115670	296.9053	.2969537	.0968686

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.873577	215.1706	9.760245	58.13871	.2285536	.0257866
Stddev	.008184	.1702	.011779	.19596	.0010485	.0000977
%RSD	.2848148	.0791205	.1206874	.3370577	.4587526	.3788645

#1	2.873379	215.0122	9.747600	57.94051	.2275954	.0257661
#2	2.881858	215.1491	9.762227	58.14326	.2296736	.0258929
#3	2.865493	215.3507	9.770907	58.33236	.2283918	.0257008

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.631681	.3318401	10.92324	22.46467	F 43.84953	.1165856
Stddev	.254347	.0012158	.04449	.03955	.11064	.0015173
%RSD	15.58806	.3663870	.4072755	.1760321	.2523262	1.301481

#1	1.922733	.3329578	10.97357	22.47020	43.73281	.1175904
#2	1.452106	.3320169	10.90701	22.50116	43.86290	.1148402
#3	1.520204	.3305455	10.88916	22.42265	43.95288	.1173263

Sample Name: K5844-05 Acquired: 11/15/2019 13:48:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLP52 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108532	12.46025	4.138613	.1895135	6.409996	.1361448
Stddev	.0005007	.02460	.028411	.0010647	.005845	.0022690
%RSD	4.613742	.1974587	.6864913	.5618040	.0911846	1.666645

#1	.0104759	12.43272	4.129869	.1889092	6.403321	.1356494
#2	.0106623	12.46797	4.170369	.1888886	6.414202	.1341645
#3	.0114213	12.48007	4.115602	.1907429	6.412463	.1386207

Elem	Sr4077
Units	ppm
Avg	1.663418
Stddev	.001188
%RSD	.0714364

#1	1.664028
#2	1.662049
#3	1.664178

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1835.752	3918.372	41289.10	8092.173	3886.465
Stddev	9.153	9.275	124.25	16.367	4.701
%RSD	.4985840	.2367073	.3009294	.2022536	.1209461

#1	1830.836	3922.710	41370.58	8089.574	3890.760
#2	1830.109	3924.682	41146.09	8077.261	3887.194
#3	1846.313	3907.722	41350.63	8109.683	3881.443

Sample Name: K5844-04 Acquired: 11/15/2019 13:44:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLP51 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4542860	.0099321	21.53556	-.001649	.0205726	86.71577
Stddev	.0047847	.0009666	.01317	.003010	.0030913	.39958
%RSD	1.053233	9.732442	.0611389	182.5665	15.02634	.4607885

#1	.4578853	.0097052	21.54933	-.000549	.0170030	86.30799
#2	.4488564	.0109920	21.52309	-.005053	.0223594	87.10661
#3	.4561165	.0090990	21.53426	.000657	.0223552	86.73270

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.520360	.0065288	.3149433	142.3977	.3597467	.0882230
Stddev	.008649	.0001524	.0006074	.4285	.0013246	.0006034
%RSD	.3431719	2.334608	.1928659	.3009299	.3681947	.6840097

#1	2.510504	.0063838	.3147320	142.0037	.3596065	.0884597
#2	2.526686	.0066877	.3144698	142.8539	.3584977	.0875371
#3	2.523890	.0065150	.3156282	142.3353	.3611357	.0886722

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.934141	210.0472	6.656606	58.70152	.1876593	.0208252
Stddev	.017283	.4535	.014686	.15470	.0010615	.0004854
%RSD	.8935742	.2158964	.2206181	.2635303	.5656566	2.330919

#1	1.914347	209.5468	6.647263	58.55637	.1873011	.0203426
#2	1.946238	210.1639	6.649022	58.86426	.1868232	.0208196
#3	1.941839	210.4309	6.673533	58.68394	.1888536	.0213134

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9736571	.3463683	11.01773	13.81117	F 23.53146	.0384141
Stddev	.1891232	.0021622	.03380	.11490	.06849	.0018426
%RSD	19.42401	.6242364	.3067972	.8319047	.2910741	4.796775

#1	.7787279	.3440442	11.00561	13.71381	23.54816	.0403987
#2	.9858600	.3467404	10.99166	13.93790	23.45616	.0367575
#3	1.156383	.3483202	11.05592	13.78180	23.59006	.0380861

Sample Name: K5844-04 Acquired: 11/15/2019 13:44:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLP51 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063639	8.795575	3.720467	.0789768	5.088498	.1417545
Stddev	.0000443	.027741	.016246	.0002196	.012539	.0014547
%RSD	.6966509	.3153968	.4366730	.2780886	.2464278	1.026201

#1	.0063279	8.815217	3.723876	.0790566	5.079769	.1400961
#2	.0063502	8.763840	3.734738	.0787284	5.102867	.1423525
#3	.0064134	8.807667	3.702787	.0791453	5.082859	.1428148

Elem	Sr4077
Units	ppm
Avg	.6295959
Stddev	.0021297
%RSD	.3382654

#1	.6291207
#2	.6319231
#3	.6277440

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1848.511	3959.670	41247.63	8035.976	4033.234
Stddev	13.259	5.373	216.80	49.955	4.530
%RSD	.7172927	.1356866	.5256081	.6216476	.1123134

#1	1862.039	3962.853	41483.88	8085.683	4033.185
#2	1835.537	3962.690	41057.79	7985.775	4037.788
#3	1847.958	3953.467	41201.22	8036.470	4028.729

Sample Name: K5844-09 Acquired: 11/15/2019 14:04:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLP55 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5244656	.0073745	26.78852	.0063205	.0740254	116.6785
Stddev	.0032950	.0029509	.03655	.0013578	.0034467	.3320
%RSD	.6282521	40.01535	.1364319	21.48232	4.656154	.2845031

#1	.5278002	.0070572	26.79531	.0078281	.0718222	116.4622
#2	.5212118	.0104714	26.74906	.0051938	.0779974	116.5126
#3	.5243849	.0045951	26.82120	.0059397	.0722565	117.0607

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.364341	.0068806	.3589862	333.3560	.3531816	.1061820
Stddev	.012067	.0000689	.0006026	.3580	.0018152	.0003653
%RSD	.2764846	1.000664	.1678582	.1073925	.5139508	.3439811

#1	4.372721	.0068629	.3590618	333.6172	.3511707	.1065991
#2	4.350511	.0068223	.3583494	332.9479	.3546991	.1060272
#3	4.369791	.0069565	.3595474	333.5028	.3536751	.1059197

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.563238	240.5032	6.681052	75.90005	.2766232	.0402679
Stddev	.018867	.4345	.013657	.20485	.0003777	.0005258
%RSD	.4134460	.1806573	.2044091	.2698971	.1365585	1.305712

#1	4.555932	240.6399	6.693667	75.66357	.2765532	.0406686
#2	4.549117	240.0168	6.666550	76.02307	.2762853	.0404626
#3	4.584665	240.8529	6.682940	76.01351	.2770310	.0396726

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.253910	.3539212	14.81632	14.62400	F 28.89076	.0800416
Stddev	.143540	.0047980	.16745	.09961	.14333	.0033373
%RSD	4.411319	1.355657	1.130150	.6811647	.4961052	4.169416

#1	3.145864	.3485679	14.94952	14.63224	28.72992	.0805015
#2	3.416783	.3553621	14.87111	14.52052	28.93738	.0764982
#3	3.199083	.3578336	14.62835	14.71923	29.00497	.0831251

Sample Name: K5844-09 Acquired: 11/15/2019 14:04:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLP55 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0158126	10.68171	4.655025	.4879437	5.110700	.1187359
Stddev	.0001181	.03870	.039000	.0030160	.023156	.0016252
%RSD	.7465293	.3622791	.8378075	.6180997	.4530935	1.368776

#1	.0158133	10.64487	4.641752	.4857559	5.113875	.1198599
#2	.0159303	10.67823	4.698929	.4913842	5.132104	.1194753
#3	.0156942	10.72203	4.624394	.4866911	5.086120	.1168724

Elem	Sr4077
Units	ppm
Avg	.8610609
Stddev	.0019873
%RSD	.2308009

#1	.8609053
#2	.8631214
#3	.8591559

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1772.607	3809.888	39963.85	7870.680	3871.971
Stddev	18.287	2.921	138.87	20.870	1.930
%RSD	1.031646	.0766590	.3474929	.2651642	.0498437

#1	1764.725	3813.126	39890.03	7894.683	3870.751
#2	1759.582	3807.453	39877.47	7856.824	3874.196
#3	1793.513	3809.085	40124.04	7860.532	3870.966

Sample Name: K5844-06 Acquired: 11/15/2019 13:52:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLP53 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4794667	.0008498	10.29244	.0072503	.0265789	244.4358
Stddev	.0009479	.0011188	.01407	.0051362	.0001693	1.0735
%RSD	.1976994	131.6470	.1367161	70.84165	.6368084	.4391688

#1	.4801224	.0007765	10.30835	.0035476	.0263969	243.2060
#2	.4783798	-.000230	10.28733	.0131139	.0267317	245.1849
#3	.4798978	.002003	10.28163	.0050894	.0266080	244.9165

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.266685	.0095974	.1647638	193.0839	.1939243	.0860185
Stddev	.009846	.0000604	.0003270	.8395	.0019165	.0003061
%RSD	.3014119	.6291730	.1984701	.4347658	.9882741	.3558676

#1	3.255425	.0095370	.1647659	192.1215	.1923703	.0862570
#2	3.270955	.0095975	.1644358	193.6653	.1960658	.0861252
#3	3.273676	.0096577	.1650898	193.4649	.1933369	.0856733

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.075482	184.8964	7.447494	50.27686	.1554556	.0173613
Stddev	.017002	1.1501	.039045	.34472	.0001623	.0001891
%RSD	.8191730	.6220366	.5242637	.6856466	.1044316	1.089292

#1	2.062976	183.5686	7.402410	49.87994	.1554036	.0175416
#2	2.068629	185.5821	7.470270	50.44935	.1553257	.0171645
#3	2.094840	185.5385	7.469802	50.50128	.1556376	.0173776

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.035525	.2908240	7.677324	9.345004	F 27.69849	.0717331
Stddev	.347193	.0020890	.009524	.001369	.05037	.0024080
%RSD	17.05669	.7183057	.1240585	.0146475	.1818668	3.356925

#1	1.853323	.2886555	7.678775	9.346472	27.69530	.0698383
#2	2.435891	.2928232	7.686040	9.344778	27.64979	.0744428
#3	1.817361	.2909933	7.667157	9.343763	27.75039	.0709181

Sample Name: K5844-06 Acquired: 11/15/2019 13:52:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLP53 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067371	17.26506	2.833711	.0891142	8.271690	.1453465
Stddev	.0006430	.01766	.011430	.0001675	.012712	.0011767
%RSD	9.544609	.1023014	.4033501	.1879504	.1536863	.8095962

#1	.0061805	17.28386	2.826082	.0889967	8.265097	.1457364
#2	.0065898	17.26252	2.828198	.0893060	8.286344	.1462787
#3	.0074410	17.24881	2.846852	.0890398	8.263628	.1440243

Elem	Sr4077
Units	ppm
Avg	.8940121
Stddev	.0008197
%RSD	.0916875

#1	.8937865
#2	.8949210
#3	.8933288

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1904.899	4064.810	42580.28	8313.642	3937.442
Stddev	4.125	4.058	125.36	32.324	3.555
%RSD	.2165508	.0998434	.2944175	.3888094	.0902747

#1	1900.197	4063.147	42724.90	8350.784	3936.643
#2	1907.910	4069.436	42502.61	8298.265	3941.328
#3	1906.590	4061.847	42513.33	8291.877	3934.355

Sample Name: K5844-11 Acquired: 11/15/2019 14:12:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLP57 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1961465	.0054601	5.083105	.0056056	.0082679	105.8860
Stddev	.0050247	.0022179	.009766	.0032381	.0021758	.3029
%RSD	2.561712	40.62047	.1921361	57.76569	26.31578	.2860548

#1	.1951112	.0057009	5.094317	.0018692	.0104987	105.8767
#2	.1917201	.0031315	5.078548	.0075949	.0081534	106.1935
#3	.2016082	.0075477	5.076450	.0073529	.0061517	105.5879

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.460390	.0068186	.0863836	99.70387	.2353774	.0879313
Stddev	.005904	.0001241	.0003157	.19983	.0012212	.0002902
%RSD	.2399744	1.819359	.3654252	.2004254	.5188277	.3300383

#1	2.459089	.0067889	.0860507	99.53024	.2344038	.0878675
#2	2.466837	.0067121	.0866786	99.92230	.2367477	.0876783
#3	2.455245	.0069548	.0864214	99.65908	.2349809	.0882481

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.163170	207.5305	4.639344	52.06954	.2049983	.0077772
Stddev	.006790	.2632	.006181	.03326	.0008123	.0003482
%RSD	.5837846	.1268432	.1332373	.0638728	.3962661	4.477807

#1	1.167695	207.6371	4.642567	52.10794	.2054106	.0079564
#2	1.166452	207.2307	4.632217	52.04986	.2055219	.0073759
#3	1.155362	207.7237	4.643247	52.05083	.2040625	.0079994

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.128808	.3329671	3.274585	26.13366	F 23.61869	.0282106
Stddev	.113178	.0026308	.036343	.08041	.06220	.0019755
%RSD	10.02636	.7901084	1.109849	.3076798	.2633578	7.002797

#1	1.186182	.3360046	3.316529	26.20165	23.58444	.0304620
#2	1.201809	.3314112	3.254763	26.15443	23.69048	.0274031
#3	.998432	.3314855	3.252463	26.04491	23.58113	.0267668

Sample Name: K5844-11 Acquired: 11/15/2019 14:12:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLP57 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040702	5.196007	4.054536	.0592526	6.924093	.1418713
Stddev	.0004350	.028961	.021904	.0003971	.011927	.0005739
%RSD	10.68822	.5573614	.5402282	.6702532	.1722536	.4045334

#1	.0042026	5.162713	4.034107	.0593398	6.910447	.1421320
#2	.0035843	5.215365	4.051838	.0588191	6.932526	.1422687
#3	.0044236	5.209944	4.077664	.0595989	6.929307	.1412134

Elem	Sr4077
Units	ppm
Avg	.7602884
Stddev	.0022235
%RSD	.2924601

#1	.7577227
#2	.7614862
#3	.7616562

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1847.825	3980.369	41057.65	8001.985	4023.630
Stddev	17.207	4.012	170.61	37.126	3.239
%RSD	.9312040	.1007979	.4155392	.4639640	.0804990

#1	1828.100	3982.682	40862.55	8043.430	4023.912
#2	1855.625	3982.689	41131.54	7990.756	4026.720
#3	1859.751	3975.736	41178.85	7971.769	4020.260

Sample Name: K5844-10 Acquired: 11/15/2019 14:08:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLP56 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5544906	.0065542	12.27854	.0089509	.0280341	179.3941
Stddev	.0035213	.0020605	.01297	.0012497	.0010557	.4724
%RSD	.6350544	31.43737	.1056677	13.96218	3.765571	.2633157

#1	.5539077	.0073311	12.27063	.0076252	.0292530	178.9240
#2	.5582670	.0081133	12.27147	.0101075	.0274104	179.8688
#3	.5512971	.0042182	12.29351	.0091200	.0274390	179.3895

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.643752	.0081563	.2086957	349.9594	.3183379	.1096288
Stddev	.006918	.0001211	.0005712	.7641	.0007775	.0003242
%RSD	.1225793	1.484993	.2736988	.2183306	.2442416	.2957385

#1	5.646926	.0080187	.2082837	349.1542	.3184255	.1095041
#2	5.648513	.0082035	.2093478	350.6742	.3190680	.1099969
#3	5.635816	.0082468	.2084557	350.0499	.3175204	.1093855

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.399391	213.0347	7.263602	65.38600	.2541498	.0201380
Stddev	.006172	.2945	.010850	.08776	.0004472	.0004516
%RSD	.1815561	.1382271	.1493706	.1342165	.1759652	2.242302

#1	3.392495	212.9396	7.252489	65.30839	.2540830	.0197513
#2	3.401280	212.7996	7.264148	65.36838	.2537398	.0206342
#3	3.404397	213.3650	7.274168	65.48123	.2546267	.0200284

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.904747	.3105207	16.01274	31.94525	F 84.21615	.3691203
Stddev	.077919	.0015637	.03947	.11607	.27299	.0013432
%RSD	1.588642	.5035766	.2465167	.3633559	.3241582	.3638783

#1	4.843076	.3089008	16.00759	31.91561	83.90562	.3675738
#2	4.878846	.3120214	15.97610	31.84687	84.41835	.3699950
#3	4.992317	.3106399	16.05454	32.07327	84.32448	.3697922

Sample Name: K5844-10 Acquired: 11/15/2019 14:08:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLP56 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0179397	14.45764	4.969919	.1729536	4.011468	.1406712
Stddev	.0002475	.05508	.020205	.0019261	.007974	.0006846
%RSD	1.379603	.3809597	.4065397	1.113627	.1987838	.4866887

#1	.0176541	14.39561	4.969379	.1736023	4.004262	.1409856
#2	.0180917	14.50080	4.949989	.1707870	4.020035	.1411421
#3	.0180733	14.47650	4.990388	.1744716	4.010107	.1398858

Elem	Sr4077
Units	ppm
Avg	1.118161
Stddev	.003193
%RSD	.2855766

#1	1.115170
#2	1.121524
#3	1.117789

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1792.517	3905.380	40546.28	8030.434	3839.881
Stddev	4.901	3.198	69.20	13.870	2.985
%RSD	.2733962	.0818987	.1706622	.1727173	.0777370

#1	1788.839	3903.662	40467.86	8015.605	3842.992
#2	1798.080	3909.070	40598.75	8043.088	3839.611
#3	1790.632	3903.407	40572.22	8032.609	3837.041

Sample Name: CCV063 Acquired: 11/15/2019 14:20:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV063 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.915686	4.929300	25.15656	4.992434	4.906891	394.2564	9.940167
Stddev	.013423	.004437	.04103	.025730	.007219	2.2262	.054092
%RSD	.2730666	.0900115	.1630978	.5153715	.1471206	.5646498	.5441723

#1	4.901421	4.924271	25.12565	4.962725	4.908042	391.7049	9.946549
#2	4.917568	4.932664	25.14092	5.007428	4.899166	395.8023	9.990784
#3	4.928069	4.930964	25.20311	5.007150	4.913466	395.2621	9.883167

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4837805	2.530569	400.8853	15.04733	2.540309	14.46347	401.4591
Stddev	.0042981	.004297	1.6918	.04658	.002920	.14187	1.5435
%RSD	.8884448	.1698075	.4220268	.3095247	.1149622	.9809010	.3844615

#1	.4800153	2.528425	401.3749	15.04863	2.540662	14.50545	401.7974
#2	.4884633	2.527766	402.2783	15.00013	2.537229	14.57962	402.8054
#3	.4828630	2.535516	399.0027	15.09325	2.543038	14.30535	399.7746

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.62416	394.1217	2.470360	1.258229	391.7418	2.453648	14.49938
Stddev	.03015	1.7116	.005660	.006225	3.0139	.009473	.13683
%RSD	.2061434	.4342707	.2291013	.4947118	.7693483	.3860837	.9436644

#1	14.62991	394.5132	2.469860	1.251690	391.9692	2.452984	14.34145
#2	14.65101	395.6036	2.464967	1.264083	394.6355	2.463436	14.57456
#3	14.59155	392.2483	2.476253	1.258913	388.6207	2.444525	14.58214

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	144.9608	5.054049	4.850734	4.910843	5.222152	4.798764	5.045781
Stddev	1.4571	.023091	.039958	.001491	.003511	.048139	.010588
%RSD	1.005190	.4568898	.8237579	.0303551	.0672247	1.003152	.2098312

#1	145.1595	5.029659	4.820348	4.909216	5.223373	4.749770	5.047576
#2	146.3084	5.056915	4.895997	4.911171	5.218194	4.845999	5.034411
#3	143.4145	5.075574	4.835856	4.912143	5.224889	4.800522	5.055356

Sample Name: CCV063 Acquired: 11/15/2019 14:20:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV063 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.040210	5.090715	5.120161
Stddev	.010196	.007701	.059211
%RSD	.2022922	.1512769	1.156430

#1	5.051851	5.092861	5.081116
#2	5.032865	5.097115	5.188290
#3	5.035914	5.082168	5.091078

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1455.569	3223.773	34726.30	6979.103	3390.149
Stddev	12.204	3.517	48.41	27.129	2.190
%RSD	.8384445	.1090980	.1393943	.3887182	.0646115

#1	1468.723	3227.464	34673.05	6970.418	3392.492
#2	1444.613	3220.460	34738.20	6957.380	3389.801
#3	1453.371	3223.395	34767.64	7009.511	3388.153

Sample Name: K5844-12 Acquired: 11/15/2019 14:16:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLP58 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1230616	.0065006	1.660471	-.003207	.0029482	90.70109
Stddev	.0014725	.0009913	.003075	.001752	.0015838	.17222
%RSD	1.196581	15.24954	.1852179	54.61236	53.72082	.1898765

#1	.1216545	.0073492	1.662410	-.001284	.0047734	90.63621
#2	.1229385	.0067415	1.656925	-.003629	.0019357	90.57074
#3	.1245919	.0054110	1.662078	-.004710	.0021356	90.89633

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.320438	.0065538	.0388703	67.41040	.2163281	.0831410
Stddev	.003827	.0001213	.0000899	.10228	.0007569	.0002541
%RSD	.2898401	1.850940	.2311603	.1517327	.3498889	.3056514

#1	1.316220	.0064189	.0389104	67.38278	.2168081	.0833927
#2	1.321403	.0066540	.0387674	67.32477	.2167206	.0828845
#3	1.323690	.0065884	.0389331	67.52366	.2154555	.0831458

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6361765	194.1377	3.568561	52.07699	.2054430	.0029840
Stddev	.0008256	.3099	.009557	.22578	.0018541	.0000969
%RSD	.1297715	.1596510	.2678117	.4335577	.9025023	3.247585

#1	.6370198	193.8273	3.560174	51.87673	.2034378	.0029392
#2	.6361400	194.1385	3.566544	52.03254	.2057959	.0030951
#3	.6353698	194.4472	3.578966	52.32169	.2070953	.0029175

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8041362	.3363912	1.515998	15.85518	F 15.84611	-.007390
Stddev	.1772730	.0035872	.013293	.05644	.04132	.000958
%RSD	22.04515	1.066367	.8768642	.3559806	.2607485	12.96899

#1	.6174793	.3340473	1.526940	15.79486	15.81075	-.006313
#2	.8246973	.3405207	1.519850	15.90671	15.83605	-.007708
#3	.9702322	.3346055	1.501204	15.86398	15.89153	-.008148

Sample Name: K5844-12 Acquired: 11/15/2019 14:16:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLP58 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027053	1.829593	3.385098	.0113915	6.504541	.1366482
Stddev	.0003338	.003677	.020693	.0014351	.028014	.0013014
%RSD	12.33994	.2009948	.6113007	12.59801	.4306765	.9523759

#1	.0030763	1.832319	3.373060	.0097392	6.482672	.1352032
#2	.0024293	1.825411	3.408992	.0123268	6.494834	.1377279
#3	.0026102	1.831050	3.373242	.0121085	6.536117	.1370135

Elem	Sr4077
Units	ppm
Avg	.4261996
Stddev	.0012049
%RSD	.2827163

#1	.4261822
#2	.4250035
#3	.4274132

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1834.411	3955.352	40724.74	7916.839	4055.153
Stddev	11.733	2.699	131.15	21.889	2.258
%RSD	.6395901	.0682280	.3220477	.2764820	.0556922

#1	1822.319	3952.617	40573.60	7909.735	4055.850
#2	1835.167	3958.012	40808.56	7941.397	4056.981
#3	1845.748	3955.427	40792.06	7899.384	4052.628

Sample Name: K5844-13 Acquired: 11/15/2019 14:28:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLP59 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1107892	.0012818	1.494476	.0036705	.0082726	62.53303
Stddev	.0014404	.0023356	.006308	.0021589	.0015932	.45355
%RSD	1.300092	182.2069	.4220950	58.81677	19.25856	.7252947

#1	.1123045	-.001406	1.487194	.0020954	.0077416	62.74118
#2	.1094377	.002813	1.497987	.0027848	.0100635	62.01276
#3	.1106254	.002439	1.498248	.0061314	.0070128	62.84514

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.146096	.0049445	.0291189	F 1684.621	.1793789	.0856345
Stddev	.005715	.0000581	.0001385	6.191	.0007889	.0003746
%RSD	.4986565	1.175736	.4755024	.3675254	.4397732	.4373840

#1	1.148859	.0048893	.0289720	1679.024	.1801028	.0854671
#2	1.139525	.0050052	.0292470	1691.271	.1794959	.0860635
#3	1.149905	.0049390	.0291375	1683.568	.1785381	.0853728

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5629762	160.1050	2.988330	104.0283	.2371096	.0026554
Stddev	.0028743	.5034	.002180	.2230	.0004770	.0001623
%RSD	.5105620	.3143988	.0729440	.2143380	.2011677	6.112313

#1	.5607820	160.5008	2.989485	104.1685	.2369450	.0027416
#2	.5619168	159.5385	2.985816	103.7712	.2376471	.0027564
#3	.5662299	160.2757	2.989690	104.1451	.2367368	.0024682

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2816856	.2280766	2.439495	12.29136	15.25661	.0105979
Stddev	.2056591	.0034802	.014637	.06908	.04214	.0017574
%RSD	73.01013	1.525881	.5999813	.5620512	.2762403	16.58204

#1	.1447780	.2260745	2.426735	12.28832	15.21050	.0103287
#2	.1820982	.2260601	2.436277	12.22384	15.29314	.0089907
#3	.5181807	.2320952	2.455472	12.36191	15.26617	.0124744

Sample Name: K5844-13 Acquired: 11/15/2019 14:28:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLP59 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0153780	7.456432	5.198385	.0218164	3.700916	.1069303
Stddev	.0004705	.046599	.042382	.0013377	.028030	.0017816
%RSD	3.059240	.6249503	.8153002	6.131623	.7573914	1.666123

#1	.0157039	7.413399	5.150888	.0217621	3.708492	.1054438
#2	.0155914	7.449973	5.211922	.0231804	3.724380	.1064419
#3	.0148387	7.505924	5.232346	.0205067	3.669877	.1089051

Elem	Sr4077
Units	ppm
Avg	.9730314
Stddev	.0026506
%RSD	.2724066

#1	.9757889
#2	.9728026
#3	.9705025

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1630.489	3522.087	36997.24	7497.329	3391.086
Stddev	10.850	4.460	47.92	23.496	11.402
%RSD	.6654467	.1266349	.1295231	.3133924	.3362375

#1	1642.595	3526.014	37026.11	7498.642	3403.423
#2	1627.228	3523.008	36941.92	7473.204	3380.935
#3	1621.643	3517.238	37023.68	7520.141	3388.899

Sample Name: CCB063 Acquired: 11/15/2019 14:24:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB063 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000641	.0002836	.0023221	.0017100	-.001737	.0177651	-.000809
Stddev	.001269	.0008774	.0012504	.0014491	.001161	.0109334	.000700
%RSD	197.8906	309.3826	53.84671	84.74725	66.82477	61.54397	86.50994

#1	-.000938	.0008056	.0030462	.0000367	-.003035	.0234003	-.000024
#2	.000750	-.000729	.0030419	.0025536	-.001375	.0247313	-.001368
#3	-.001736	.000775	.0008783	.0025396	-.000800	.0051638	-.001034

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000357	.0000354	.0086146	.0004758	.0001195	.0035694	.0139301
Stddev	.0000043	.0000415	.0138492	.0006032	.0001560	.0010516	.0140495
%RSD	12.00958	117.1856	160.7645	126.7631	130.4913	29.46134	100.8569

#1	.0000405	.0000713	.0182511	.0002581	.0002326	.0040915	.0213946
#2	.0000322	.0000449	-.007256	.0000117	-.000058	.0042578	-.002276
#3	.0000345	-.000010	.014849	.0011576	.000184	.0023590	.022672

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004626	.0309427	.0000931	.0001726	-.163892	-.004230	-.000371
Stddev	.0003404	.0066730	.0005378	.0005454	.065264	.003089	.000682
%RSD	73.58849	21.56569	577.6313	315.8934	39.82135	73.03160	183.6671

#1	.0008206	.0242573	.0006089	.0001514	-.092763	-.000695	-.001140
#2	.0001429	.0376033	.0001347	.0007283	-.177895	-.005586	-.000133
#3	.0004243	.0309675	-.000464	-.000362	-.221017	-.006409	.000160

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.056229	-.000873	.0086012	.0005210	-.001309	-.001783	-.000424
Stddev	.089368	.000953	.0007839	.0000971	.002748	.000544	.001344
%RSD	158.9368	109.1989	9.113826	18.63369	209.8935	30.50002	317.1656

#1	-.159280	-.000330	.0089923	.0004446	-.003196	-.001156	.001036
#2	-.000024	-.000315	.0091126	.0004881	.001844	-.002072	-.001611
#3	-.009381	-.001974	.0076987	.0006302	-.002575	-.002122	-.000696

Sample Name: CCB063 Acquired: 11/15/2019 14:24:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB063 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000820	.0009543	.0000285
Stddev	.001342	.0017758	.0000323
%RSD	163.7263	186.0894	113.6649

#1	.000261	-.001044	.0000515
#2	-.000398	.001556	.0000424
#3	-.002321	.002351	-.000009

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1708.952	3737.133	37844.21	7232.672	4241.082
Stddev	2.536	6.575	156.79	20.389	6.784
%RSD	.1483801	.1759409	.4142965	.2818977	.1599498

#1	1706.921	3729.548	37738.28	7220.528	4233.346
#2	1708.141	3740.632	37770.02	7256.211	4243.885
#3	1711.794	3741.218	38024.32	7221.276	4246.015

Sample Name: K5844-14 Acquired: 11/15/2019 14:32:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLP60 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3383584	.0065841	6.268200	.0012209	.0129375	97.26938	1.576486
Stddev	.0022440	.0008348	.007706	.0025293	.0013052	.70403	.007426
%RSD	.6631931	12.67875	.1229339	207.1656	10.08862	.7237897	.4710168

#1	.3377740	.0057932	6.267805	.0008420	.0140499	96.52759	1.568793
#2	.3408368	.0074568	6.260699	.0039183	.0132619	97.35224	1.577054
#3	.3364644	.0065023	6.276095	-.001098	.0115007	97.92831	1.583611

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073425	.1140997	76.09803	.2338600	.0906251	1.444808	236.5560
Stddev	.0001348	.0003384	.36077	.0009309	.0004920	.009653	.9331
%RSD	1.835271	.2966066	.4740897	.3980686	.5429489	.6680891	.3944392

#1	.0072715	.1142042	75.72765	.2328800	.0900678	1.434360	235.5803
#2	.0074979	.1143736	76.11808	.2339675	.0908082	1.446668	236.6481
#3	.0072582	.1137214	76.44836	.2347325	.0909994	1.453394	237.4396

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.781756	45.26387	.1987521	.0077834	.5367421	.4016401	3.555103
Stddev	.020309	.27092	.0005901	.0003735	.0650086	.0048243	.013638
%RSD	.4247236	.5985398	.2968891	4.798339	12.11170	1.201155	.3836232

#1	4.760384	45.05196	.1980851	.0079638	.6023736	.3986995	3.539648
#2	4.784082	45.17052	.1989648	.0073539	.4723750	.3990130	3.560213
#3	4.800802	45.56912	.1992063	.0080323	.5354777	.4072078	3.565449

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.30284	21.10712	.0016492	.0067146	4.319837	4.317851	.0219128
Stddev	.07671	.09879	.0053511	.0003443	.006676	.016421	.0022817
%RSD	.5363500	.4680594	324.4607	5.127306	.1545541	.3802959	10.41251

#1	14.21431	21.20602	-.004029	.0069374	4.326734	4.319575	.0217511
#2	14.34442	21.00843	.002378	.0063181	4.319372	4.333342	.0242711
#3	14.34979	21.10690	.006599	.0068884	4.313405	4.300637	.0197163

Sample Name: K5844-14 Acquired: 11/15/2019 14:32:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLP60 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.796830	.1233385	.4325745
Stddev	.016197	.0027026	.0001382
%RSD	.2794152	2.191186	.0319550

#1	5.807461	.1205114	.4324927
#2	5.804841	.1258963	.4327340
#3	5.778189	.1236077	.4324966

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1863.005	3991.499	41531.42	8074.040	4049.506
Stddev	5.862	6.830	123.86	7.377	4.522
%RSD	.3146658	.1711051	.2982416	.0913642	.1116666

#1	1866.058	3998.974	41649.81	8070.914	4054.723
#2	1856.247	3985.584	41402.73	8068.741	4046.714
#3	1866.712	3989.939	41541.71	8082.465	4047.081

Sample Name: K5844-16 Acquired: 11/15/2019 14:40:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLP62 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3572422	.0108814	6.256281	-.005985	.0141271	99.89335	1.701862
Stddev	.0039029	.0019241	.008854	.001512	.0016873	.61806	.006996
%RSD	1.092520	17.68208	.1415245	25.26664	11.94379	.6187149	.4110639

#1	.3550051	.0103463	6.246296	-.005825	.0148883	100.6066	1.709926
#2	.3617489	.0092815	6.259372	-.004560	.0121933	99.5587	1.697421
#3	.3549726	.0130163	6.263176	-.007572	.0152997	99.5148	1.698238

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085203	.1208984	84.09692	.2901657	.0987954	1.584055	289.8734
Stddev	.0001656	.0002789	.28215	.0002618	.0004594	.009765	.8559
%RSD	1.944217	.2306898	.3355062	.0902362	.4649730	.6164320	.2952723

#1	.0083974	.1207034	84.41890	.2904524	.0982777	1.594722	290.8405
#2	.0084548	.1207739	83.97904	.2901055	.0989544	1.575558	289.5665
#3	.0087087	.1212179	83.89283	.2899392	.0991542	1.581885	289.2133

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.030979	47.64572	.2090133	.0084765	.2959830	.5176321	3.835143
Stddev	.011541	.13538	.0007573	.0003353	.0996442	.0005543	.032217
%RSD	.2293921	.2841425	.3622970	3.955255	33.66552	.1070919	.8400550

#1	5.040699	47.75338	.2085101	.0080894	.2353475	.5174832	3.862675
#2	5.034013	47.69005	.2098842	.0086751	.2416162	.5182457	3.799710
#3	5.018224	47.49373	.2086457	.0086650	.4109853	.5171674	3.843044

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.22740	23.56304	-.021690	.0055097	5.003160	2.990824	.0286968
Stddev	.10570	.06891	.004231	.0003994	.009269	.034091	.0010967
%RSD	.6941565	.2924518	19.50805	7.249211	.1852649	1.139845	3.821575

#1	15.34772	23.49460	-.017436	.0059438	4.999862	2.993110	.0299143
#2	15.18500	23.56213	-.021735	.0051577	4.995991	2.955647	.0283899
#3	15.14949	23.63241	-.025898	.0054277	5.013627	3.023714	.0277864

Sample Name: K5844-16 Acquired: 11/15/2019 14:40:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLP62 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.794848	.1253552	.4725544
Stddev	.014796	.0013032	.0002124
%RSD	.2553336	1.039647	.0449586

#1	5.777856	.1261349	.4727984
#2	5.804886	.1238507	.4724546
#3	5.801802	.1260800	.4724102

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1861.175	3980.587	41348.05	7985.406	4033.024
Stddev	2.686	7.185	31.11	20.496	10.864
%RSD	.1443440	.1804890	.0752299	.2566727	.2693788

#1	1858.755	3985.457	41312.29	7998.986	4043.650
#2	1860.704	3983.969	41363.06	7961.829	4033.487
#3	1864.066	3972.336	41368.81	7995.403	4021.936

Sample Name: K5844-15 Acquired: 11/15/2019 14:36:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLP61 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1042870	.0054626	1.222227	-.001395	.0037367	119.5352	1.623240
Stddev	.0027967	.0015663	.002899	.002340	.0019241	.1312	.003503
%RSD	2.681733	28.67379	.2371687	167.7060	51.49150	.1097625	.2158213

#1	.1074766	.0044729	1.221187	-.002361	.0044535	119.5119	1.619677
#2	.1031298	.0072685	1.219991	-.003098	.0015571	119.4171	1.623362
#3	.1022547	.0046464	1.225502	.001273	.0051995	119.6764	1.626681

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069590	.0298385	143.2190	.2275538	.0814435	.5038630	212.0266
Stddev	.0000537	.0000221	.2063	.0002701	.0002380	.0050657	.3996
%RSD	.7719807	.0738840	.1440127	.1186782	.2921617	1.005377	.1884501

#1	.0069817	.0298202	143.2900	.2278532	.0813125	.4980942	212.0788
#2	.0068977	.0298325	142.9866	.2274796	.0817182	.5059092	211.6034
#3	.0069977	.0298630	143.3803	.2273286	.0812999	.5075856	212.3974

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.580543	58.57987	.1900876	.0032842	1.259353	.3876903	2.167739
Stddev	.010441	.12663	.0012396	.0002682	.164199	.0040715	.022430
%RSD	.2915953	.2161683	.6521258	8.166595	13.03837	1.050187	1.034716

#1	3.586967	58.61140	.1903156	.0030332	1.226792	.3867181	2.189624
#2	3.568496	58.44045	.1911974	.0032526	1.113874	.3841929	2.168793
#3	3.586167	58.68775	.1887498	.0035668	1.437393	.3921598	2.144801

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.01417	16.66866	.0071981	.0061678	6.732934	4.284157	.0083985
Stddev	.08380	.03508	.0010402	.0001684	.024889	.046279	.0035625
%RSD	.5581531	.2104291	14.45035	2.729739	.3696607	1.080241	42.41798

#1	15.00226	16.69821	.0070547	.0063511	6.751306	4.335080	.0121521
#2	14.93696	16.62990	.0062372	.0061322	6.704609	4.244663	.0079794
#3	15.10329	16.67787	.0083026	.0060201	6.742888	4.272727	.0050642

Sample Name: K5844-15 Acquired: 11/15/2019 14:36:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLP61 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.231229	.1389554	.5821108
Stddev	.014616	.0008807	.0006100
%RSD	.2021289	.6338014	.1047977

#1	7.237002	.1384335	.5824937
#2	7.214607	.1399722	.5824314
#3	7.242076	.1384605	.5814073

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1865.037	3995.439	41691.45	8126.233	3966.434
Stddev	9.283	1.033	42.45	13.208	4.209
%RSD	.4977457	.0258485	.1018275	.1625295	.1061117

#1	1860.252	3995.400	41740.03	8139.438	3962.131
#2	1859.123	3994.426	41661.47	8113.023	3970.541
#3	1875.737	3996.490	41672.84	8126.239	3966.631

Sample Name: K5849-01 Acquired: 11/15/2019 14:51:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0432625	.0081482	1.018168	-.000716	.0056973	29.77048	.5674272
Stddev	.0047415	.0011352	.003969	.002170	.0003439	.17285	.0011530
%RSD	10.95986	13.93197	.3898595	302.9641	6.035714	.5806208	.2031974

#1	.0485089	.0083261	1.016887	-.002074	.0053260	29.65532	.5677275
#2	.0392833	.0091841	1.022620	.001787	.0060048	29.96924	.5684004
#3	.0419953	.0069346	1.014997	-.001862	.0057611	29.68688	.5661538

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107876	.0040706	256.3288	.1230178	.0965573	.8090692	296.1345
Stddev	.0001145	.0000868	.4870	.0007255	.0007291	.0074754	.5482
%RSD	1.060986	2.133373	.1899904	.5897282	.7551338	.9239566	.1851203

#1	.0109021	.0040367	256.3976	.1224539	.0960123	.8040395	295.5229
#2	.0107874	.0040057	256.7778	.1227633	.0962741	.8176593	296.5817
#3	.0106732	.0041692	255.8111	.1238362	.0973856	.8055087	296.2990

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.126271	24.95095	.2089909	.0007896	.3628411	.0913060	1.746415
Stddev	.004174	.10009	.0002384	.0003128	.2079586	.0018713	.014396
%RSD	.1011615	.4011426	.1140645	39.61663	57.31397	2.049488	.8242971

#1	4.121594	24.83681	.2087300	.0011399	.1230907	.0922668	1.749068
#2	4.129621	25.02376	.2090452	.0006907	.4944041	.0925018	1.759300
#3	4.127596	24.99227	.2091974	.0005382	.4710284	.0891495	1.730877

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.935485	4.928695	-.036263	.0099195	5.706684	1.810072	.0266940
Stddev	.062547	.022408	.002698	.0004446	.023647	.007768	.0016117
%RSD	1.589317	.4546506	7.439308	4.482015	.4143773	.4291511	6.037664

#1	3.875191	4.953663	-.034642	.0094067	5.733941	1.801540	.0285385
#2	3.931199	4.922092	-.034769	.0101558	5.691641	1.811939	.0259853
#3	4.000065	4.910330	-.039377	.0101960	5.694471	1.816735	.0255580

Sample Name: K5849-01 Acquired: 11/15/2019 14:51:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AA1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1577687	.0347532	.3766347
Stddev	.0053348	.0001655	.0010847
%RSD	3.381407	.4762375	.2879931

#1	.1638328	.0346735	.3778541
#2	.1556746	.0349435	.3757775
#3	.1537986	.0346426	.3762723

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1736.965	3755.496	39099.42	7607.306	3952.830
Stddev	8.287	7.867	109.35	16.688	3.995
%RSD	.4770977	.2094862	.2796834	.2193689	.1010652

#1	1727.916	3762.766	38976.31	7625.797	3949.326
#2	1738.794	3756.580	39136.64	7593.364	3957.180
#3	1744.184	3747.143	39185.30	7602.757	3951.983

Sample Name: K5844-17 Acquired: 11/15/2019 14:44:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLP63 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2322609	.0042721	14.94851	.0007010	.0192628	108.5443	7.486026
Stddev	.0059173	.0023462	.02119	.0042380	.0019197	.5571	.025325
%RSD	2.547713	54.91945	.1417846	604.5833	9.966065	.5132799	.3382987

#1	.2388511	.0062847	14.93245	-.001221	.0174647	108.3475	7.474176
#2	.2274033	.0016952	14.94054	.005559	.0212846	109.1731	7.515103
#3	.2305283	.0048364	14.97253	-.002236	.0190392	108.1123	7.468798

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081282	.2265609	309.1520	.3287951	.1038480	2.118636	270.0413
Stddev	.0000322	.0004317	1.1187	.0002813	.0004447	.009459	.5508
%RSD	.3968249	.1905211	.3618591	.0855447	.4281979	.4464728	.2039523

#1	.0081618	.2260719	308.2672	.3289750	.1033348	2.119825	269.6478
#2	.0081252	.2268891	310.4095	.3284710	.1041184	2.127445	270.6708
#3	.0080975	.2267216	308.7795	.3289393	.1040908	2.108639	269.8054

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.003084	97.29521	.2597688	.0212710	1.359437	.4914954	27.71072
Stddev	.011313	.15748	.0004227	.0001560	.219849	.0037715	.11365
%RSD	.1884482	.1618620	.1627026	.7334163	16.17204	.7673492	.4101296

#1	5.990515	97.19087	.2593913	.0211112	1.524579	.4876171	27.83876
#2	6.006288	97.47636	.2596898	.0214229	1.109894	.4951501	27.62177
#3	6.012449	97.21840	.2602254	.0212789	1.443837	.4917190	27.67163

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.26643	28.20436	.0314454	.0081930	11.60874	3.620968	.5022806
Stddev	.09148	.04813	.0045934	.0002782	.02331	.006526	.0007987
%RSD	.5297890	.1706486	14.60756	3.395667	.2008178	.1802256	.1590097

#1	17.35688	28.25058	.0261423	.0084789	11.61231	3.615848	.5013718
#2	17.26845	28.15452	.0340119	.0079232	11.58384	3.628316	.5025996
#3	17.17397	28.20799	.0341820	.0081768	11.63006	3.618741	.5028705

Sample Name: K5844-17 Acquired: 11/15/2019 14:44:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLP63 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.942956	.1478112	.8671351
Stddev	.033147	.0014357	.0025238
%RSD	.5577537	.9713143	.2910501

#1	5.920525	.1467940	.8642798
#2	5.927312	.1494535	.8680578
#3	5.981030	.1471860	.8690678

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1784.952	3832.329	40224.14	7964.217	3825.953
Stddev	8.234	4.127	137.97	5.824	3.408
%RSD	.4612948	.1076857	.3430129	.0731296	.0890840

#1	1775.497	3827.994	40116.80	7957.863	3829.262
#2	1790.545	3832.781	40379.76	7965.484	3822.453
#3	1788.813	3836.211	40175.84	7969.303	3826.143

Sample Name: K5849-02 Acquired: 11/15/2019 14:55:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA1D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0422691	.0011976	.9925808	-.003595	.0014606	30.01253	.6201439
Stddev	.0028986	.0010619	.0024982	.003983	.0012447	.18919	.0035817
%RSD	6.857470	88.66821	.2516911	110.7839	85.22153	.6303557	.5775517

#1	.0390590	.0002180	.9901001	-.003110	.0001016	30.17893	.6242796
#2	.0430536	.0010487	.9925462	.000123	.0017349	29.80676	.6180927
#3	.0446947	.0023260	.9950962	-.007799	.0025453	30.05191	.6180593

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079269	.0042352	238.5307	.1192899	.0805436	.8036528	188.5199
Stddev	.0001416	.0001718	1.1144	.0006853	.0013235	.0078298	3.1588
%RSD	1.785816	4.056430	.4671746	.5744459	1.643167	.9742826	1.675566

#1	.0079302	.0040390	238.9410	.1189006	.0791231	.8119513	185.9367
#2	.0077837	.0043079	237.2693	.1200811	.0807658	.7963958	187.5814
#3	.0080667	.0043587	239.3817	.1188879	.0817420	.8026114	192.0416

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.861803	20.26129	.1738964	.0006480	.7097958	.0826634	1.302365
Stddev	.034655	.13881	.0038208	.0002578	.1289881	.0014387	.011824
%RSD	1.210963	.6851231	2.197170	39.78457	18.17256	1.740443	.9078554

#1	2.830807	20.14403	.1699284	.0004725	.6247536	.0838308	1.293277
#2	2.855383	20.22526	.1742101	.0005275	.8582121	.0810561	1.298086
#3	2.899219	20.41456	.1775506	.0009440	.6464217	.0831034	1.315733

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.934007	5.225319	-.040051	.0049144	5.937867	1.482983	.0278337
Stddev	.025274	.036867	.001672	.0007743	.039323	.013399	.0005310
%RSD	.6424608	.7055376	4.173497	15.75479	.6622444	.9035298	1.907637

#1	3.907529	5.245606	-.040771	.0043862	5.970241	1.494929	.0284304
#2	3.936616	5.247586	-.041242	.0045539	5.949252	1.485526	.0274134
#3	3.957875	5.182764	-.038140	.0058032	5.894107	1.468495	.0276572

Sample Name: K5849-02 Acquired: 11/15/2019 14:55:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA1D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1494090	.0350785	.4259970
Stddev	.0022172	.0002594	.0012968
%RSD	1.483998	.7396011	.3044214

#1	.1475018	.0352355	.4268584
#2	.1518418	.0347790	.4266271
#3	.1488834	.0352209	.4245055

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1809.194	3835.032	40369.19	7825.388	3968.294
Stddev	13.293	6.785	301.95	36.367	4.908
%RSD	.7347565	.1769204	.7479712	.4647304	.1236683

#1	1818.618	3833.087	40513.03	7796.126	3965.434
#2	1814.974	3842.577	40572.32	7866.103	3973.961
#3	1793.989	3829.432	40022.21	7813.936	3965.488

Sample Name: K5849-01LX5 Acquired: 11/15/2019 15:03:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA1L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107305	.0013204	.1953650	.0044513	-.001675	6.057458	.1202086
Stddev	.0020896	.0010264	.0008483	.0024053	.001110	.026943	.0012019
%RSD	19.47339	77.73270	.4342309	54.03539	66.28471	.4447841	.9998446

#1	.0108962	.0020196	.1944180	.0057712	-.002803	6.087601	.1197017
#2	.0127323	.0017996	.1960555	.0059075	-.001637	6.049055	.1193433
#3	.0085630	.0001421	.1956214	.0016750	-.000584	6.035718	.1215809

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020180	.0006415	50.81498	.0268300	.0165863	.1705494	52.49699
Stddev	.0000165	.0000416	.16604	.0000793	.0002026	.0016583	.06104
%RSD	.8185453	6.489090	.3267507	.2954697	1.221680	.9723229	.1162722

#1	.0020087	.0005954	50.96983	.0267460	.0168169	.1723644	52.53328
#2	.0020371	.0006526	50.63965	.0268406	.0165053	.1691135	52.42652
#3	.0020083	.0006764	50.83546	.0269035	.0164367	.1701703	52.53117

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7522295	4.774777	.0370800	.0006554	.0627324	.0172735	.3129061
Stddev	.0003820	.034703	.0003926	.0002035	.2243261	.0026499	.0023444
%RSD	.0507891	.7268086	1.058797	31.04492	357.5924	15.34056	.7492428

#1	.7520732	4.781329	.0371305	.0004759	.3155330	.0179073	.3102365
#2	.7519504	4.805738	.0366645	.0006139	-.112567	.0143642	.3138518
#3	.7526650	4.737265	.0374448	.0008765	-.014769	.0195490	.3146299

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6843070	.9832224	-.007054	.0014817	1.097360	.3383410	.0022253
Stddev	.0370867	.0003995	.000969	.0002244	.005648	.0122731	.0006573
%RSD	5.419604	.0406347	13.73915	15.14653	.5146898	3.627442	29.53771

#1	.6440884	.9828670	-.007221	.0013868	1.099048	.3524410	.0014938
#2	.6916777	.9836548	-.006012	.0013203	1.091060	.3300575	.0024157
#3	.7171549	.9831455	-.007928	.0017380	1.101971	.3325244	.0027665

Sample Name: K5849-01LX5 Acquired: 11/15/2019 15:03:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AA1L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0313854	.0007796	.0818518
Stddev	.0011045	.0012564	.0002524
%RSD	3.519256	161.1603	.3084049

#1	.0321410	-.000300	.0820923
#2	.0318975	.002159	.0815889
#3	.0301178	.000481	.0818742

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1736.545	3727.009	38389.32	7340.975	4165.679
Stddev	22.377	5.817	265.19	60.218	3.675
%RSD	1.288583	.1560747	.6908038	.8203059	.0882092

#1	1734.619	3722.338	38317.26	7288.414	4168.066
#2	1759.822	3733.525	38683.10	7406.680	4167.524
#3	1715.193	3725.165	38167.61	7327.831	4161.448

Sample Name: K5849-05 Acquired: 11/15/2019 15:11:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067619	.0038950	.5035064	-.015474	.0098265	44.07234
Stddev	.0015019	.0016672	.0040393	.002606	.0009677	.19039
%RSD	22.21045	42.80257	.8022283	16.84037	9.847558	.4319926

#1	.0084204	.0033271	.4989196	-.017218	.0102779	43.85293
#2	.0054938	.0057720	.5050674	-.016727	.0104860	44.19399
#3	.0063715	.0025860	.5065323	-.012479	.0087156	44.17010

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6595395	.0128137	.0020395	F 1204.271	.1336929	.1181373
Stddev	.0030010	.0001480	.0000488	19.255	.0004185	.0007635
%RSD	.4550170	1.155126	2.393812	1.598917	.3130057	.6462707

#1	.6560814	.0129366	.0020951	1186.249	.1338301	.1177141
#2	.6614615	.0126494	.0020037	1202.005	.1340255	.1176791
#3	.6610756	.0128552	.0020198	1224.559	.1332230	.1190186

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2488131	578.8151	18.59957	142.3719	.2253053	-.000471
Stddev	.0007605	1.5560	.04034	.4756	.0007344	.000469
%RSD	.3056334	.2688333	.2168820	.3340437	.3259706	99.72474

#1	.2484353	577.1660	18.56615	141.8311	.2250516	-.000228
#2	.2483156	580.2573	18.64438	142.5594	.2261330	-.001012
#3	.2496885	579.0221	18.58818	142.7251	.2247314	-.000173

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.024521	.1335593	1.979426	5.661276	5.312982	-.075821
Stddev	.354082	.0039226	.028192	.085769	.013270	.010371
%RSD	1444.004	2.936959	1.424251	1.515009	.2497586	13.67876

#1	-.004970	.1324356	2.009021	5.570447	5.327517	-.079376
#2	-.387973	.1379211	1.952886	5.672503	5.309913	-.064139
#3	.319380	.1303213	1.976370	5.740879	5.301516	-.083947

Sample Name: K5849-05 Acquired: 11/15/2019 15:11:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025666	6.867645	2.662746	.0632674	.2124317	.1309450
Stddev	.0003356	.007833	.020118	.0009527	.0026217	.0008066
%RSD	13.07710	.1140597	.7555333	1.505840	1.234142	.6159801

#1	.0021922	6.875243	2.678469	.0624418	.2094117	.1301000
#2	.0028405	6.868095	2.640075	.0643098	.2137601	.1317067
#3	.0026672	6.859596	2.669694	.0630507	.2141233	.1310284

Elem	Sr4077
Units	ppm
Avg	1.541297
Stddev	.007004
%RSD	.4544417

#1	1.537055
#2	1.549381
#3	1.537454

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1656.613	3559.974	37969.86	7526.761	3505.258
Stddev	16.001	5.368	149.31	15.379	3.188
%RSD	.9658585	.1507902	.3932392	.2043239	.0909419

#1	1644.592	3554.678	37827.70	7542.704	3508.511
#2	1674.774	3565.412	37956.47	7525.565	3505.123
#3	1650.473	3559.831	38125.42	7512.015	3502.139

Sample Name: K5849-04 Acquired: 11/15/2019 15:07:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0858652	.0045961	.5401351	-.003591	.0046347	42.23640	.7584166
Stddev	.0027751	.0010435	.0028484	.002864	.0016576	.30649	.0048940
%RSD	3.231936	22.70440	.5273446	79.76171	35.76559	.7256434	.6452953

#1	.0865981	.0048268	.5403742	-.000377	.0036088	42.58908	.7638434
#2	.0827972	.0034566	.5428564	-.004522	.0037481	42.03460	.7570688
#3	.0882002	.0055050	.5371747	-.005873	.0065470	42.08552	.7543378

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093207	.0020040	698.7007	.1023124	.1208619	.2138788	283.4371
Stddev	.0000561	.0001420	4.2630	.0006504	.0003940	.0054504	1.2636
%RSD	.6017460	7.084801	.6101257	.6357346	.3259506	2.548352	.4457985

#1	.0092673	.0019613	703.6155	.1030620	.1205023	.2186228	284.8924
#2	.0093791	.0021624	696.0063	.1019785	.1208006	.2150884	282.6196
#3	.0093157	.0018883	696.4802	.1018967	.1212830	.2079252	282.7992

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.968351	67.77248	.2564462	.0001904	1.221374	.1003546	1.909222
Stddev	.029234	.29070	.0015744	.0002950	.069979	.0021414	.008578
%RSD	.4195276	.4289307	.6139275	154.8786	5.729543	2.133799	.4493085

#1	7.002107	68.10144	.2561891	-.000149	1.194934	.0992937	1.916351
#2	6.951409	67.66582	.2550162	.000339	1.168467	.0989508	1.899701
#3	6.951536	67.55017	.2581333	.000382	1.300721	.1028193	1.911613

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.325752	3.844434	-.020647	.0034028	16.43711	1.697990	.1978143
Stddev	.036693	.004749	.003313	.0001945	.02739	.020919	.0011166
%RSD	.5800580	.1235184	16.04803	5.715999	.1666528	1.231959	.5644604

#1	6.283680	3.849616	-.024067	.0036250	16.43007	1.721298	.1971373
#2	6.342447	3.843396	-.017451	.0033202	16.46733	1.691827	.1991030
#3	6.351128	3.840291	-.020423	.0032632	16.41392	1.680846	.1972025

Sample Name: K5849-04 Acquired: 11/15/2019 15:07:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1757949	.1011858	.9556758
Stddev	.0039040	.0004538	.0046429
%RSD	2.220757	.4485165	.4858218

#1	.1765200	.1015673	.9610159
#2	.1792854	.1006839	.9525942
#3	.1715792	.1013061	.9534175

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1703.084	3659.887	38552.59	7562.405	3737.816
Stddev	9.870	6.224	244.18	54.494	4.442
%RSD	.5795271	.1700495	.6333676	.7205970	.1188525

#1	1694.934	3665.677	38496.45	7502.001	3741.814
#2	1714.058	3660.681	38819.95	7607.877	3738.599
#3	1700.260	3653.305	38341.37	7577.337	3733.034

Sample Name: K5849-06 Acquired: 11/15/2019 15:15:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0541318	.0065885	.7781252	-.000596	.0016814	34.53012
Stddev	.0029742	.0022349	.0030676	.003319	.0028262	.23450
%RSD	5.494436	33.92072	.3942324	556.8619	168.0840	.6791124

#1	.0569199	.0055698	.7748884	-.001593	.0028740	34.77446
#2	.0510011	.0050445	.7809897	-.003301	.0037158	34.50899
#3	.0544746	.0091513	.7784975	.003107	-.001546	34.30689

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7711177	.0080540	.0029683	F 1068.833	.1488299	.1025209
Stddev	.0026648	.0001050	.0000591	8.683	.0013236	.0005516
%RSD	.3455805	1.303705	1.990744	.8123740	.8893156	.5380368

#1	.7740887	.0081752	.0029028	1062.417	.1499891	.1021365
#2	.7703259	.0079960	.0029845	1065.368	.1473877	.1031529
#3	.7689385	.0079908	.0030176	1078.713	.1491129	.1022734

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3186770	301.0263	6.639352	76.29149	.2490075	.0120342
Stddev	.0036018	1.4395	.022951	.34097	.0015740	.0004607
%RSD	1.130227	.4782099	.3456833	.4469349	.6321083	3.828484

#1	.3227819	302.6541	6.665838	76.63594	.2484612	.0118432
#2	.3172036	300.5036	6.625327	76.28445	.2477794	.0116997
#3	.3160456	299.9211	6.626890	75.95410	.2507818	.0125598

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3870536	.0975259	1.686999	3.788106	3.373951	-.026639
Stddev	.2919856	.0025919	.013425	.036943	.013362	.001439
%RSD	75.43803	2.657697	.7958029	.9752367	.3960420	5.402342

#1	.7176731	.1004764	1.680124	3.783690	3.374327	-.025053
#2	.1645278	.0964855	1.702470	3.827058	3.360405	-.027003
#3	.2789600	.0956158	1.678405	3.753569	3.387121	-.027862

Sample Name: K5849-06 Acquired: 11/15/2019 15:15:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0208972	9.764582	2.496790	.3384141	.2861240	.1040892
Stddev	.0005683	.033176	.028348	.0012997	.0069988	.0003817
%RSD	2.719480	.3397629	1.135368	.3840697	2.446074	.3667552

#1	.0214214	9.728067	2.522285	.3379822	.2809524	.1044624
#2	.0202932	9.772807	2.466263	.3373852	.2940879	.1036995
#3	.0209770	9.792872	2.501821	.3398748	.2833317	.1041058

Elem	Sr4077
Units	ppm
Avg	5.194265
Stddev	.063275
%RSD	1.218172

#1	5.265132
#2	5.174227
#3	5.143434

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1670.493	3568.959	37722.09	7381.173	3590.098
Stddev	8.623	3.169	31.10	30.057	1.232
%RSD	.5162015	.0887869	.0824393	.4072172	.0343282

#1	1671.871	3565.535	37713.05	7354.100	3588.876
#2	1661.264	3569.552	37696.51	7375.902	3590.077
#3	1678.344	3571.789	37756.70	7413.518	3591.341

Sample Name: K5849-07 Acquired: 11/15/2019 15:19:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099078	.0022822	3.078960	-.015778	.0469446	38.82677
Stddev	.0071528	.0010639	.008403	.003824	.0017695	.14015
%RSD	72.19398	46.61813	.2729237	24.23944	3.769228	.3609518

#1	.0048606	.0034407	3.071335	-.011952	.0480742	38.68339
#2	.0067694	.0013488	3.077576	-.015779	.0478543	38.96345
#3	.0180933	.0020573	3.087970	-.019601	.0449053	38.83346

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.037379	.0115650	.0121413	F 1260.781	.4370173	.1256592
Stddev	.004530	.0000402	.0002628	5.308	.0016149	.0006919
%RSD	.4367100	.3478244	2.164149	.4209965	.3695300	.5505858

#1	1.032519	.0115555	.0118933	1266.899	.4379077	.1264519
#2	1.038130	.0116092	.0121139	1257.408	.4379909	.1253484
#3	1.041486	.0115305	.0124167	1258.035	.4351532	.1251771

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.139096	537.7349	11.60377	108.6365	.4300112	.0082187
Stddev	.015295	1.8682	.04440	.2646	.0007952	.0004553
%RSD	.4872279	.3474211	.3826162	.2435984	.1849199	5.539507

#1	3.123425	536.1129	11.57556	108.4109	.4298504	.0079621
#2	3.153984	537.3143	11.58081	108.5709	.4293087	.0079497
#3	3.139878	539.7776	11.65495	108.9278	.4308745	.0087444

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.014324	.1332937	9.399808	4.547315	3.904117	-.053341
Stddev	.163796	.0036629	.147223	.039708	.011972	.009888
%RSD	1143.477	2.748022	1.566233	.8732247	.3066551	18.53654

#1	-.063785	.1372992	9.301542	4.501857	3.903664	-.064212
#2	.168502	.1324675	9.328806	4.564862	3.892379	-.050925
#3	-.147690	.1301144	9.569076	4.575228	3.916310	-.044885

Sample Name: K5849-07 Acquired: 11/15/2019 15:19:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0184429	7.776890	3.915557	1.700168	.5654057	.1137570
Stddev	.0001734	.012059	.034096	.002245	.0036514	.0004665
%RSD	.9399488	.1550608	.8707890	.1320522	.6458046	.4101247

#1	.0182451	7.781579	3.953317	1.701339	.5640671	.1142943
#2	.0185685	7.763191	3.906331	1.697580	.5626125	.1135230
#3	.0185150	7.785900	3.887023	1.701587	.5695375	.1134538

Elem	Sr4077
Units	ppm
Avg	1.645847
Stddev	.003603
%RSD	.2189391

#1	1.649876
#2	1.642932
#3	1.644735

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1668.131	3523.177	37914.80	7479.141	3515.305
Stddev	7.019	7.860	69.99	30.259	2.956
%RSD	.4207944	.2230881	.1846059	.4045759	.0841032

#1	1668.593	3520.213	37834.66	7449.276	3515.954
#2	1674.908	3532.087	37963.93	7478.367	3517.883
#3	1660.892	3517.229	37945.81	7509.779	3512.078

Sample Name: K5849-08 Acquired: 11/15/2019 15:24:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0382122	-.001642	7.854500	-.001048	.0390235	37.79464	1.757330
Stddev	.0056135	.001080	.013479	.002487	.0006065	.18960	.005921
%RSD	14.69033	65.75475	.1716042	237.2987	1.554102	.5016460	.3369445

#1	.0324251	-.000416	7.841550	-.003527	.0395305	37.95946	1.760984
#2	.0436342	-.002449	7.853500	.001446	.0391884	37.58745	1.750499
#3	.0385772	-.002062	7.868451	-.001063	.0383517	37.83702	1.760508

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093354	.0520998	246.4523	.9344214	.1599953	5.240468	464.4804
Stddev	.0001889	.0000807	.6473	.0020300	.0010077	.044934	1.7132
%RSD	2.023512	.1548335	.2626327	.2172512	.6298284	.8574432	.3688525

#1	.0094231	.0521122	247.1263	.9331385	.1593344	5.280282	466.4346
#2	.0094646	.0521736	245.8356	.9333638	.1594963	5.191748	463.2367
#3	.0091186	.0520137	246.3951	.9367619	.1611551	5.249373	463.7699

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.338719	37.54113	1.632419	.0074694	.1912943	.1684373	13.90175
Stddev	.018601	.10945	.003176	.0005835	.4344791	.0044913	.05349
%RSD	.3484125	.2915367	.1945405	7.812400	227.1260	2.666459	.3847949

#1	5.359827	37.66608	1.631269	.0079174	.5037515	.1719911	13.94185
#2	5.324725	37.46225	1.629979	.0076812	.3749921	.1699313	13.92239
#3	5.331605	37.49505	1.636010	.0068095	-.304861	.1633893	13.84101

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.772012	2.893816	.0421754	.2765512	14.71100	2.056926	.2332152
Stddev	.058354	.003001	.0010050	.0004054	.01556	.014784	.0011372
%RSD	1.547025	.1037097	2.382987	.1466043	.1057639	.7187436	.4876099

#1	3.732519	2.893728	.0420477	.2764939	14.72394	2.073972	.2319375
#2	3.744479	2.896861	.0432382	.2769823	14.71532	2.049206	.2335916
#3	3.839039	2.890860	.0412404	.2761775	14.69374	2.047600	.2341164

Sample Name: K5849-08 Acquired: 11/15/2019 15:24:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3109863	.0717449	.8274326
Stddev	.0046862	.0011570	.0014988
%RSD	1.506881	1.612715	.1811398

#1	.3159815	.0730053	.8258311
#2	.3066870	.0707308	.8276653
#3	.3102904	.0714986	.8288015

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1757.061	3682.903	39564.99	7585.820	3943.579
Stddev	3.337	3.655	169.18	30.308	1.159
%RSD	.1898957	.0992493	.4276009	.3995332	.0293804

#1	1759.152	3680.980	39758.56	7573.593	3944.810
#2	1758.818	3680.611	39491.00	7620.332	3942.510
#3	1753.213	3687.119	39445.41	7563.536	3943.418

Sample Name: K5849-09 Acquired: 11/15/2019 15:27:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0442369	.0055048	2.845571	.0062570	.0119094	41.98056	.7504366
Stddev	.0009942	.0006523	.007148	.0024436	.0016792	.11414	.0016777
%RSD	2.247326	11.84974	.2511897	39.05467	14.09993	.2718933	.2235662

#1	.0443114	.0053718	2.852067	.0073689	.0124029	41.94643	.7486787
#2	.0432077	.0049292	2.837914	.0079469	.0132865	41.88737	.7506106
#3	.0451918	.0062134	2.846732	.0034551	.0100387	42.10787	.7520206

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077983	.0231509	121.6748	.2904483	.1191917	2.035281	176.6841
Stddev	.0000111	.0002176	.2713	.0016848	.0006143	.006085	.2811
%RSD	.1425799	.9400464	.2229742	.5800585	.5153974	.2989920	.1591085

#1	.0078082	.0231292	121.3636	.2888329	.1188030	2.038204	176.4151
#2	.0078005	.0229449	121.7990	.2921948	.1188722	2.039353	176.6612
#3	.0077863	.0233786	121.8617	.2903173	.1198999	2.028285	176.9759

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.503803	19.92606	.3085208	.0098350	.8715507	.1285062	7.419380
Stddev	.001998	.09380	.0006486	.0001918	.1040624	.0041977	.029651
%RSD	.0363088	.4707292	.2102355	1.950536	11.93991	3.266562	.3996388

#1	5.501723	19.97253	.3081824	.0099782	.8603508	.1236622	7.421426
#2	5.503978	19.81810	.3081114	.0099098	.9807600	.1310801	7.388759
#3	5.505708	19.98755	.3092687	.0096171	.7735413	.1307762	7.447954

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.573491	2.862036	-.006697	.0132678	7.661911	2.946403	.1101630
Stddev	.057258	.006615	.000963	.0000576	.004558	.021328	.0009913
%RSD	1.251957	.2311328	14.37600	.4340651	.0594917	.7238511	.8998329

#1	4.545605	2.866763	-.005615	.0133236	7.663387	2.966468	.1112282
#2	4.639350	2.864870	-.007017	.0132085	7.656798	2.948738	.1099935
#3	4.535518	2.854476	-.007460	.0132713	7.665549	2.924005	.1092675

Sample Name: K5849-09 Acquired: 11/15/2019 15:27:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AA7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2041298	.0701707	.2962753
Stddev	.0027156	.0015588	.0010167
%RSD	1.330351	2.221371	.3431693

#1	.2069583	.0694972	.2952637
#2	.2015431	.0719530	.2972971
#3	.2038881	.0690620	.2962651

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1842.183	3870.487	40943.38	7809.546	4095.669
Stddev	4.564	3.284	38.84	31.083	3.108
%RSD	.2477736	.0848360	.0948653	.3980099	.0758735

#1	1846.539	3872.709	40988.22	7831.208	4095.648
#2	1842.574	3872.037	40920.75	7773.932	4098.787
#3	1837.435	3866.715	40921.15	7823.500	4092.572

Sample Name: K5849-11 Acquired: 11/15/2019 15:35:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0298388	.0011302	.4707065	.0059778	-.000037	23.46440	.4706077
Stddev	.0022220	.0020104	.0035617	.0014612	.001065	.05723	.0005182
%RSD	7.446528	177.8829	.7566674	24.44386	2884.637	.2438822	.1101208

#1	.0322835	-.001103	.4718971	.0075443	-.000678	23.39833	.4712059
#2	.0279420	.002797	.4667020	.0046517	-.000625	23.49687	.4702970
#3	.0292910	.001696	.4735204	.0057373	.001192	23.49801	.4703200

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060595	.0017863	69.00305	.0674908	.0613342	.5310716	121.4003
Stddev	.0000149	.0001505	.11599	.0008027	.0001380	.0037103	.5506
%RSD	.2459580	8.423457	.1680875	1.189409	.2250350	.6986433	.4535250

#1	.0060766	.0018981	68.88536	.0677444	.0612153	.5271318	120.7667
#2	.0060529	.0016152	69.00655	.0681361	.0613017	.5344992	121.6714
#3	.0060491	.0018456	69.11725	.0665918	.0614856	.5315838	121.7628

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.927602	8.590904	.0956650	.0007160	.7272491	.0724237	.9108819
Stddev	.005716	.021997	.0005850	.0004079	.1594344	.0010950	.0102354
%RSD	.2965261	.2560524	.6115008	56.97209	21.92294	1.511951	1.123685

#1	1.922486	8.610235	.0951282	.0002810	.6061186	.0721692	.8999760
#2	1.933771	8.595508	.0962885	.0007769	.6677523	.0736236	.9123902
#3	1.926548	8.566969	.0955782	.0010900	.9078763	.0714784	.9202795

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.285868	1.817387	-.012159	.0045839	4.565400	2.455849	.0368089
Stddev	.076806	.002031	.001591	.0002036	.012306	.018452	.0011740
%RSD	3.360057	.1117745	13.08537	4.442530	.2695535	.7513514	3.189386

#1	2.236155	1.818560	-.013931	.0047998	4.553042	2.450884	.0364913
#2	2.247118	1.818559	-.011689	.0045566	4.577654	2.440387	.0358264
#3	2.374330	1.815041	-.010855	.0043953	4.565504	2.476276	.0381090

Sample Name: K5849-11 Acquired: 11/15/2019 15:35:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1414156	.0229219	.1711159
Stddev	.0048416	.0009877	.0005554
%RSD	3.423670	4.309180	.3245481

#1	.1386706	.0233732	.1715792
#2	.1470059	.0217891	.1712683
#3	.1385703	.0236034	.1705003

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1822.222	3831.718	40328.24	7629.412	4168.295
Stddev	1.974	9.959	60.14	5.585	6.568
%RSD	.1083030	.2599000	.1491320	.0732055	.1575699

#1	1820.195	3832.315	40385.02	7634.140	4169.507
#2	1824.137	3841.366	40334.48	7623.250	4174.173
#3	1822.333	3821.475	40265.22	7630.846	4161.206

Sample Name: K5849-10 Acquired: 11/15/2019 15:31:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0320110	.0008636	2.474931	-.001048	.0047796	30.04188
Stddev	.0023175	.0034426	.005471	.004073	.0034890	.17229
%RSD	7.239552	398.6436	.2210379	388.5909	72.99712	.5734855

#1	.0346483	-.002692	2.469403	-.005446	.0060715	29.90447
#2	.0303001	.001102	2.480342	-.000294	.0074383	30.23517
#3	.0310844	.004181	2.475048	.002595	.0008289	29.98599

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5974926	.0066723	.0029537	F 1220.101	.4530964	.0895173
Stddev	.0021974	.0001332	.0000756	14.850	.0200026	.0006746
%RSD	.3677773	1.996080	2.560863	1.217130	4.414654	.7535856

#1	.5957489	.0066762	.0029192	1232.469	.4457982	.0901282
#2	.5999608	.0065372	.0030405	1203.631	.4377678	.0896303
#3	.5967681	.0068034	.0029015	1224.204	.4757234	.0887933

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5830120	248.5596	5.888412	77.44999	.2006946	-.000496
Stddev	.0042896	.2917	.009879	.10649	.0005862	.000777
%RSD	.7357658	.1173696	.1677640	.1374949	.2921123	156.5712

#1	.5783131	248.3473	5.877929	77.32810	.2000267	-.000477
#2	.5867184	248.8923	5.897548	77.52498	.2009327	.000271
#3	.5840044	248.4392	5.889761	77.49689	.2011243	-.001283

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5671994	.0879440	4.622707	3.607444	2.920682	-.020845
Stddev	.0509964	.0008860	.209877	.064027	.016643	.007593
%RSD	8.990908	1.007406	4.540139	1.774859	.5698222	36.42795

#1	.5428773	.0875307	4.618353	3.556847	2.935478	-.016426
#2	.6258035	.0889611	4.415040	3.679427	2.902664	-.016496
#3	.5329175	.0873402	4.834727	3.586058	2.923903	-.029612

Sample Name: K5849-10 Acquired: 11/15/2019 15:31:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0295828	7.761789	2.069799	.0272957	.1459779	.0841108
Stddev	.0002676	.017533	.028579	.0018698	.0003604	.0009453
%RSD	.9045015	.2258950	1.380761	6.850182	.2468978	1.123827

#1	.0295803	7.758736	2.067879	.0251613	.1463651	.0830562
#2	.0293164	7.745982	2.042228	.0280810	.1456522	.0843944
#3	.0298516	7.780648	2.099289	.0286449	.1459165	.0848819

Elem	Sr4077
Units	ppm
Avg	1.662492
Stddev	.004833
%RSD	.2907222

#1	1.661468
#2	1.658253
#3	1.667755

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1654.386	3533.275	37272.32	7433.033	3559.351
Stddev	63.959	6.453	1296.40	23.736	4.596
%RSD	3.866039	.1826311	3.478197	.3193256	.1291360

#1	1661.753	3525.841	37608.27	7453.109	3554.058
#2	1714.343	3537.432	38367.67	7406.837	3562.337
#3	1587.063	3536.551	35841.00	7439.153	3561.658

Sample Name: K5849-12 Acquired: 11/15/2019 15:39:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AB0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0823136	.0089379	4.654499	-.004608	.0101685	46.12278	.7625770
Stddev	.0036358	.0027635	.005819	.002086	.0027949	.08105	.0015443
%RSD	4.417052	30.91857	.1250272	45.27174	27.48601	.1757338	.2025089

#1	.0806137	.0102635	4.650852	-.004866	.0076065	46.10989	.7633021
#2	.0864881	.0107888	4.651435	-.002405	.0097499	46.20950	.7636254
#3	.0798392	.0057614	4.661210	-.006553	.0131491	46.04894	.7608037

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115047	.0100250	100.3960	2.304833	.1661499	2.035051	409.0115
Stddev	.0001637	.0001641	.0968	.002136	.0004697	.008664	.5087
%RSD	1.422873	1.636522	.0964043	.0926611	.2827134	.4257164	.1243671

#1	.0115020	.0098470	100.4593	2.306458	.1656160	2.042105	408.7546
#2	.0113424	.0101702	100.4441	2.305627	.1663341	2.037668	409.5974
#3	.0116698	.0100579	100.2846	2.302414	.1664996	2.025381	408.6824

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.564360	32.08995	1.929488	.0049797	-.571801	.1363720	2.642638
Stddev	.014646	.06506	.000512	.0003432	.223546	.0028303	.021215
%RSD	.1936208	.2027462	.0265131	6.890945	39.09502	2.075417	.8028126

#1	7.547592	32.02429	1.929130	.0053491	-.345632	.1396357	2.620648
#2	7.574650	32.09116	1.929261	.0046709	-.577144	.1345925	2.662984
#3	7.570838	32.15439	1.930074	.0049190	-.792627	.1348877	2.644282

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.042095	2.938885	-.037694	.0747768	4.556526	2.227474	.0683529
Stddev	.049019	.002888	.008229	.0003012	.013687	.019523	.0007029
%RSD	.8112860	.0982689	21.83164	.4027737	.3003773	.8764762	1.028338

#1	6.093447	2.936835	-.046869	.0749401	4.541049	2.239935	.0691249
#2	6.037036	2.937633	-.035249	.0749610	4.567034	2.237513	.0677499
#3	5.995802	2.942188	-.030964	.0744292	4.561495	2.204974	.0681840

Sample Name: K5849-12 Acquired: 11/15/2019 15:39:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AB0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1593921	.0650924	.2426285
Stddev	.0010261	.0010745	.0000446
%RSD	.6437546	1.650799	.0183703

#1	.1605737	.0656176	.2425957
#2	.1588761	.0638563	.2426106
#3	.1587264	.0658034	.2426793

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1836.504	3900.579	41313.84	7904.346	4033.088
Stddev	11.332	8.907	76.92	61.991	5.697
%RSD	.6170472	.2283535	.1861868	.7842625	.1412641

#1	1831.633	3891.610	41257.39	7844.700	4030.950
#2	1828.421	3909.423	41282.67	7899.896	4039.544
#3	1849.457	3900.705	41401.45	7968.442	4028.768

Sample Name: K5849-13 Acquired: 11/15/2019 15:43:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AB1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0418400	.0029726	8.784042	-.006034	.0334766	62.94809	1.074884
Stddev	.0020780	.0017026	.008919	.003126	.0019989	.27553	.003063
%RSD	4.966576	57.27516	.1015330	51.79634	5.970946	.4377167	.2849469

#1	.0432679	.0016852	8.773792	-.004083	.0357172	62.63759	1.071678
#2	.0394560	.0023296	8.788295	-.009640	.0328360	63.04324	1.075193
#3	.0427961	.0049031	8.790038	-.004381	.0318765	63.16344	1.077780

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0131543	.0202793	526.7420	.4902415	.1860587	9.226154	541.8000
Stddev	.0001326	.0001328	1.9875	.0006233	.0003481	.022368	.9628
%RSD	1.008088	.6547669	.3773181	.1271362	.1870714	.2424368	.1777012

#1	.0130781	.0203665	524.8127	.4909574	.1857031	9.202501	541.4061
#2	.0133074	.0203450	526.6305	.4898199	.1860741	9.228998	541.0966
#3	.0130774	.0201265	528.7830	.4899471	.1863987	9.246964	542.8973

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.362202	54.86806	.7017756	.0101004	-.693091	.1724552	6.116968
Stddev	.023822	.11315	.0016937	.0004375	.051618	.0028596	.041123
%RSD	.2848785	.2062190	.2413395	4.331491	7.447508	1.658184	.6722830

#1	8.354467	54.79713	.7004163	.0104972	-.707110	.1710709	6.084251
#2	8.343209	54.80851	.7012375	.0096312	-.736252	.1705511	6.163131
#3	8.388931	54.99855	.7036729	.0101727	-.635912	.1757435	6.103521

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.670590	4.187463	-.033248	.0980422	6.897443	2.766249	.1316358
Stddev	.059547	.021334	.007967	.0000557	.010874	.029130	.0013512
%RSD	.7763082	.5094723	23.96354	.0568135	.1576492	1.053041	1.026501

#1	7.724629	4.195640	-.031317	.0980870	6.890422	2.735896	.1327955
#2	7.606750	4.203499	-.042003	.0980598	6.909968	2.793978	.1301520
#3	7.680392	4.163250	-.026424	.0979798	6.891940	2.768872	.1319599

Sample Name: K5849-13 Acquired: 11/15/2019 15:43:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AB1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2437315	.0976519	.8750394
Stddev	.0069019	.0010569	.0026599
%RSD	2.831773	1.082270	.3039759

#1	.2410399	.0971869	.8722231
#2	.2515737	.0988616	.8753861
#3	.2385810	.0969073	.8775090

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1784.964	3756.753	40431.76	7898.125	3761.544
Stddev	11.928	1.784	152.52	5.655	4.317
%RSD	.6682381	.0474901	.3772177	.0715982	.1147536

#1	1792.695	3754.729	40436.45	7898.403	3762.286
#2	1771.227	3757.434	40276.95	7903.635	3756.905
#3	1790.969	3758.097	40581.88	7892.336	3765.442

Sample Name: K5849-14 Acquired: 11/15/2019 15:47:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AB2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0399323	.0068704	37.19579	-.009131	.1287493	53.87454	1.461273
Stddev	.0017740	.0016620	.08395	.003145	.0002431	.06949	.001792
%RSD	4.442400	24.19119	.2256855	34.43814	.1887788	.1289788	.1226172

#1	.0402030	.0086318	37.28261	-.012554	.1284745	53.79509	1.459610
#2	.0380386	.0066495	37.11505	-.006369	.1288375	53.90454	1.461039
#3	.0415554	.0053299	37.18970	-.008471	.1289360	53.92398	1.463171

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0136598	.0369008	237.1503	.5344655	.1593343	9.612064	627.9602
Stddev	.0001716	.0001151	.1981	.0014073	.0005342	.011420	1.9195
%RSD	1.256334	.3119765	.0835522	.2633012	.3352926	.1188107	.3056739

#1	.0134741	.0368392	237.0336	.5359625	.1596453	9.614732	625.7527
#2	.0138126	.0370336	237.0381	.5342641	.1596401	9.621914	629.2364
#3	.0136928	.0368296	237.3790	.5331697	.1587174	9.599546	628.8914

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.579868	41.12757	.6588008	.0072160	-1.02027	.1662705	6.821336
Stddev	.028023	.13765	.0015192	.0004700	.34165	.0011934	.017989
%RSD	.3266138	.3346794	.2305942	6.512621	33.48637	.7177561	.2637105

#1	8.547829	40.99833	.6592137	.0067093	-.85970	.1669315	6.806477
#2	8.591960	41.27231	.6571178	.0073009	-1.41263	.1648929	6.841335
#3	8.599816	41.11206	.6600708	.0076376	-.78848	.1669872	6.816196

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.180655	3.178531	-.055176	.0722625	5.500288	3.231299	.1523057
Stddev	.086546	.012464	.001825	.0001736	.008187	.006763	.0021988
%RSD	1.205260	.3921238	3.308005	.2402682	.1488438	.2092908	1.443651

#1	7.105471	3.170718	-.054440	.0724484	5.493369	3.224694	.1498985
#2	7.161231	3.171970	-.053834	.0721045	5.498170	3.230994	.1528100
#3	7.275261	3.192905	-.057255	.0722347	5.509326	3.238210	.1542084

Sample Name: K5849-14 Acquired: 11/15/2019 15:47:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AB2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3417360	.0835595	.5098064
Stddev	.0041962	.0001695	.0008820
%RSD	1.227919	.2028732	.1730134

#1	.3448872	.0833850	.5088037
#2	.3433479	.0837235	.5104622
#3	.3369727	.0835701	.5101533

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1796.044	3781.966	40585.76	7782.449	3900.264
Stddev	3.961	2.390	210.51	7.212	6.554
%RSD	.2205571	.0631844	.5186842	.0926663	.1680465

#1	1792.199	3781.831	40344.68	7778.040	3893.702
#2	1795.822	3784.420	40733.23	7790.771	3906.811
#3	1800.112	3779.647	40679.37	7778.535	3900.278

Sample Name: CCV064 Acquired: 11/15/2019 15:51:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV064 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.880234	4.907361	25.24790	5.001210	4.842576	384.1908	9.622919
Stddev	.005973	.004723	.02725	.015046	.008492	2.4173	.025879
%RSD	.1223938	.0962437	.1079123	.3008548	.1753714	.6291934	.2689301

#1	4.887125	4.902691	25.21937	4.984261	4.850713	386.8329	9.636791
#2	4.876537	4.907256	25.27365	5.006378	4.833768	382.0902	9.638905
#3	4.877040	4.912135	25.25066	5.012991	4.843248	383.6493	9.593062

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4738416	2.539474	392.9929	15.00196	2.542766	13.78927	390.7255
Stddev	.0015722	.007001	.3187	.00669	.004120	.06555	.4625
%RSD	.3318066	.2756907	.0810966	.0445769	.1620111	.4753413	.1183574

#1	.4739521	2.533010	392.6820	15.00042	2.540974	13.83464	391.2516
#2	.4753556	2.538503	393.3189	15.00929	2.539846	13.81906	390.5419
#3	.4722170	2.546910	392.9779	14.99619	2.547478	13.71412	390.3831

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.27083	385.0284	2.445425	1.223079	379.7289	2.377498	13.69689
Stddev	.02097	.8886	.004192	.003403	.9480	.014025	.09096
%RSD	.1469776	.2307891	.1714287	.2781959	.2496470	.5899048	.6640719

#1	14.29342	385.6240	2.441432	1.223309	379.9793	2.383701	13.80074
#2	14.25196	385.4541	2.445051	1.226360	380.5266	2.387353	13.65857
#3	14.26711	384.0070	2.449791	1.219567	378.6809	2.361441	13.63136

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	137.1294	4.986056	4.763201	4.903904	5.215197	4.677103	5.054037
Stddev	.5344	.017610	.014826	.007697	.010315	.019080	.015733
%RSD	.3897109	.3531901	.3112516	.1569494	.1977811	.4079468	.3112986

#1	137.1682	4.998947	4.752891	4.899125	5.209593	4.673211	5.049822
#2	137.6434	4.965991	4.780191	4.899804	5.208898	4.697829	5.040840
#3	136.5767	4.993229	4.756520	4.912783	5.227101	4.660269	5.071448

Sample Name: CCV064 Acquired: 11/15/2019 15:51:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV064 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.093742	5.051304	5.134397
Stddev	.022812	.009842	.046736
%RSD	.4478486	.1948346	.9102464

#1	5.069778	5.040314	5.188287
#2	5.096253	5.054294	5.104992
#3	5.115195	5.059304	5.109910

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1504.161	3216.250	35619.23	6999.925	3379.248
Stddev	5.389	3.270	56.60	12.761	2.055
%RSD	.3582777	.1016583	.1589078	.1823016	.0608260

#1	1498.022	3215.679	35559.32	7010.560	3379.107
#2	1506.354	3219.767	35626.58	7003.440	3381.370
#3	1508.109	3213.303	35671.80	6985.775	3377.266

Sample Name: CCB064 Acquired: 11/15/2019 15:55:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB064 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004553	-.001422	.0066298	.0057372	-.001679	.0050493	-.000074
Stddev	.0021480	.001680	.0012549	.0020754	.000981	.0104053	.000138
%RSD	471.7528	118.1903	18.92898	36.17339	58.43442	206.0749	187.0477

#1	-.000199	.000448	.0067056	.0057037	-.001735	.0148833	-.000231
#2	.002854	-.002807	.0053387	.0036788	-.002632	.0061106	.000028
#3	-.001290	-.001906	.0078452	.0078291	-.000671	-.005846	-.000019

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000283	.0000850	.0163139	.0000896	.0001680	.0076628	.0179804
Stddev	.0000796	.0000213	.0056349	.0001891	.0001183	.0029595	.0136854
%RSD	280.8650	25.07822	34.54082	211.1107	70.39718	38.62166	76.11301

#1	.0001172	.0000655	.0125057	.0001803	.0002912	.0065403	.0201259
#2	-.000036	.0001078	.0227870	-.000128	.0000553	.0110194	.0033489
#3	.000004	.0000818	.0136490	.000216	.0001576	.0054288	.0304663

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004303	.0397911	-.000215	.0005657	-.018150	-.004360	-.001776
Stddev	.0008777	.0109012	.000102	.0003961	.260078	.003292	.001669
%RSD	203.9720	27.39617	47.46162	70.01007	1432.951	75.50531	94.00647

#1	.0009481	.0518514	-.000330	.0001683	-.150864	-.003946	-.002567
#2	-.000583	.0368831	-.000181	.0009604	-.185096	-.007839	-.002903
#3	.000926	.0306387	-.000135	.0005685	.281511	-.001295	.000142

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.014814	.0002757	.0074576	.0005571	-.003259	-.002312	-.002107
Stddev	.059599	.0019438	.0011354	.0001764	.005660	.000402	.000557
%RSD	402.3035	705.1028	15.22517	31.65911	173.6626	17.39542	26.42551

#1	.027258	.0022659	.0086424	.0005836	.000973	-.002731	-.001922
#2	.011314	.0001791	.0063790	.0007187	-.009689	-.002275	-.001666
#3	-.083015	-.001618	.0073512	.0003690	-.001062	-.001929	-.002733

Sample Name: CCB064 Acquired: 11/15/2019 15:55:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB064 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000279	.0031790	.0001176
Stddev	.000688	.0020610	.0001163
%RSD	246.5544	64.82911	98.88840

#1	-.001060	.0047666	.0002517
#2	.000239	.0008499	.0000469
#3	-.000016	.0039206	.0000540

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1750.535	3713.844	38487.73	7238.390	4214.023
Stddev	3.261	10.977	113.06	37.118	11.060
%RSD	.1862635	.2955737	.2937683	.5127973	.2624646

#1	1747.210	3703.851	38424.38	7214.251	4206.031
#2	1753.727	3725.594	38420.54	7281.131	4226.646
#3	1750.669	3712.088	38618.27	7219.788	4209.391

Sample Name: K5849-15 Acquired: 11/15/2019 15:59:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AB3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0381125	.0030493	10.10755	-.009585	.0459910	157.0792	2.165160
Stddev	.0018487	.0018176	.00811	.003382	.0020593	.9911	.009775
%RSD	4.850520	59.60496	.0802669	35.28223	4.477687	.6309476	.4514668

#1	.0382125	.0033202	10.10064	-.013183	.0481729	156.0338	2.153910
#2	.0362158	.0047162	10.10553	-.006472	.0457188	158.0051	2.171584
#3	.0399091	.0011115	10.11648	-.009099	.0440813	157.1988	2.169985

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0146737	.0562259	402.4822	4.451111	.2404683	20.59849	762.3440
Stddev	.0001514	.0000747	.8679	.002966	.0007654	.16171	2.8983
%RSD	1.031557	.1328844	.2156302	.0666350	.3183134	.7850718	.3801804

#1	.0147466	.0562790	401.9191	4.451409	.2398649	20.41967	759.1713
#2	.0147749	.0561405	403.4817	4.448007	.2402107	20.73447	764.8525
#3	.0144997	.0562583	402.0458	4.453917	.2413293	20.64132	763.0082

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.553046	47.15530	3.640211	.0256032	-1.17590	.2523015	25.37840
Stddev	.016705	.28916	.003789	.0006921	.06221	.0023618	.26763
%RSD	.2211657	.6132101	.1040989	2.703149	5.290337	.9361160	1.054548

#1	7.547478	46.88106	3.638270	.0250149	-1.14234	.2511282	25.47026
#2	7.571823	47.45737	3.637785	.0254289	-1.24768	.2550202	25.58800
#3	7.539836	47.12746	3.644577	.0263657	-1.13768	.2507561	25.07694

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.190691	5.484932	-.005253	.3682922	12.74280	2.212257	1.327125
Stddev	.058781	.022193	.005538	.0004013	.05328	.029072	.002549
%RSD	.8174628	.4046092	105.4228	.1089509	.4181531	1.314115	.1920361

#1	7.169475	5.463447	-.009298	.3684009	12.69098	2.183295	1.324238
#2	7.145464	5.483580	-.007519	.3678477	12.73998	2.241437	1.328076
#3	7.257135	5.507770	.001059	.3686279	12.79744	2.212039	1.329062

Sample Name: K5849-15 Acquired: 11/15/2019 15:59:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AB3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6198074	.0948753	.8507952
Stddev	.0014278	.0016998	.0017453
%RSD	.2303616	1.791578	.2051332

#1	.6212442	.0929134	.8527501
#2	.6197893	.0958045	.8502415
#3	.6183888	.0959079	.8493939

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1721.153	3625.686	39430.70	7735.071	3786.272
Stddev	17.827	5.266	183.51	5.687	6.974
%RSD	1.035751	.1452313	.4653983	.0735284	.1842045

#1	1710.922	3623.984	39258.80	7737.074	3792.742
#2	1710.801	3631.592	39409.36	7728.653	3787.190
#3	1741.738	3621.481	39623.95	7739.486	3778.884

Sample Name: K5849-17 Acquired: 11/15/2019 16:07:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AB5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0524981	.0097835	.6244314	-.010231	.0064886	67.62238	1.514887
Stddev	.0012053	.0014578	.0034000	.000312	.0001776	.09772	.003859
%RSD	2.295807	14.90110	.5444925	3.050510	2.737082	.1445139	.2547674

#1	.0512950	.0081424	.6233557	-.010212	.0066776	67.66417	1.516118
#2	.0524938	.0109287	.6216994	-.010553	.0064630	67.69226	1.517980
#3	.0537055	.0102794	.6282391	-.009929	.0063252	67.51071	1.510562

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0149461	.0058497	61.17234	1.982530	.2574405	.8092831	538.5464
Stddev	.0002139	.0000368	.02014	.002373	.0005427	.0066368	1.4575
%RSD	1.431361	.6290399	.0329257	.1197183	.2107972	.8200841	.2706405

#1	.0151478	.0058305	61.19212	1.983528	.2573877	.8114897	538.7567
#2	.0147217	.0058921	61.15186	1.984243	.2580076	.8145355	539.8875
#3	.0149689	.0058265	61.17304	1.979821	.2569261	.8018240	536.9952

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.918467	39.54206	.8500075	.0012882	-.723521	.1639449	2.447408
Stddev	.022450	.20137	.0003643	.0007179	.140996	.0052800	.020246
%RSD	.2263455	.5092528	.0428580	55.72475	19.48742	3.220564	.8272329

#1	9.918412	39.54940	.8495869	.0009556	-.595104	.1700410	2.432795
#2	9.940945	39.73966	.8502223	.0021120	-.874399	.1609683	2.438913
#3	9.896045	39.33712	.8502133	.0007970	-.701059	.1608252	2.470518

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.06638	3.697069	-.067482	.3902630	3.258899	3.047606	.0393540
Stddev	.07455	.009821	.008101	.0006480	.009504	.038733	.0016131
%RSD	.6736730	.2656315	12.00515	.1660433	.2916401	1.270938	4.099025

#1	10.98053	3.694907	-.075560	.3901160	3.261489	3.090189	.0386153
#2	11.11482	3.688510	-.059357	.3897011	3.248368	3.038156	.0412042
#3	11.10379	3.707791	-.067530	.3909719	3.266839	3.014472	.0382425

Sample Name: K5849-17 Acquired: 11/15/2019 16:07:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AB5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2456740	.1111599	.2804597
Stddev	.0029240	.0012210	.0008321
%RSD	1.190211	1.098378	.2966977

#1	.2455804	.1102076	.2809796
#2	.2427978	.1125364	.2794999
#3	.2486437	.1107357	.2808994

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1878.408	3974.615	42255.92	8050.867	4006.286
Stddev	15.869	4.048	108.94	14.059	5.687
%RSD	.8448032	.1018388	.2578147	.1746242	.1419455

#1	1874.030	3970.830	42272.43	8035.630	4006.278
#2	1896.007	3978.882	42355.66	8053.633	4011.977
#3	1865.188	3974.132	42139.66	8063.336	4000.604

Sample Name: K5849-16 Acquired: 11/15/2019 16:03:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AB4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0892155	.0051614	4.230875	.1220240	.1323501	29.84574	1.097867
Stddev	.0011061	.0006638	.006181	.0013534	.0008579	.06232	.001638
%RSD	1.239843	12.86109	.1460958	1.109111	.6482164	.2088058	.1492357

#1	.0880183	.0058685	4.235477	.1228220	.1314578	29.79342	1.096232
#2	.0901997	.0045515	4.223849	.1227888	.1331689	29.82912	1.097861
#3	.0894284	.0050644	4.233298	.1204614	.1324237	29.91469	1.099509

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041789	.0480057	38.53653	.2094551	.0895448	3.808782	239.8844
Stddev	.0000430	.0001374	.03991	.0006706	.0004909	.007048	.3259
%RSD	1.029841	.2862895	.1035723	.3201496	.5482184	.1850586	.1358720

#1	.0041363	.0478802	38.53461	.2099269	.0900854	3.801603	239.5708
#2	.0041783	.0479842	38.49762	.2086874	.0891268	3.809048	239.8612
#3	.0042223	.0481526	38.57738	.2097508	.0894224	3.815693	240.2214

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.050210	3.696063	.6142830	.0068367	-.514429	.0764077	7.033889
Stddev	.019243	.010664	.0009741	.0002970	.030764	.0005975	.086138
%RSD	.2126211	.2885147	.1585721	4.344219	5.980316	.7819529	1.224610

#1	9.031955	3.703073	.6145362	.0069657	-.534320	.0765703	7.070442
#2	9.070307	3.701324	.6132074	.0070474	-.529972	.0757458	6.935503
#3	9.048366	3.683791	.6151055	.0064970	-.478994	.0769071	7.095723

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.510054	2.519565	.0094398	.0383840	5.254961	2.033415	.1661110
Stddev	.074300	.009054	.0011121	.0004035	.012570	.039728	.0012784
%RSD	2.960094	.3593510	11.78100	1.051165	.2392040	1.953775	.7696186

#1	2.562608	2.516349	.0106768	.0384848	5.254665	2.053009	.1657581
#2	2.425048	2.512557	.0085228	.0387275	5.242541	1.987695	.1650461
#3	2.542505	2.529787	.0091197	.0379397	5.267676	2.059540	.1675288

Sample Name: K5849-16 Acquired: 11/15/2019 16:03:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AB4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1683611	.0054630	.1479679
Stddev	.0012842	.0014152	.0000214
%RSD	.7627578	25.90587	.0144779

#1	.1671714	.0056973	.1479544
#2	.1697225	.0039452	.1479927
#3	.1681895	.0067464	.1479569

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1798.355	3783.453	39815.19	7600.735	4215.250
Stddev	10.564	3.469	103.11	46.576	8.518
%RSD	.5874063	.0917019	.2589750	.6127823	.2020736

#1	1798.236	3780.870	39774.60	7624.736	4213.441
#2	1808.977	3787.397	39932.42	7547.053	4224.527
#3	1787.851	3782.093	39738.56	7630.415	4207.782

Sample Name: K5849-06DLX2 Acquired: 11/15/2019 16:23:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0287495	.0021573	.3924320	.0020359	.0000528	17.37032	.3933583
Stddev	.0039052	.0008987	.0016383	.0030771	.0002937	.09815	.0012196
%RSD	13.58366	41.65845	.4174683	151.1378	555.8841	.5650506	.3100565

#1	.0296409	.0024848	.3920572	.0002879	-.000258	17.41998	.3945098
#2	.0321320	.0028463	.3910137	.0002310	.000092	17.25726	.3920804
#3	.0244757	.0011408	.3942253	.0055889	.000325	17.43371	.3934846

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043253	.0012534	553.0247	.0787662	.0508340	.1663200	156.6426
Stddev	.0001542	.0000969	1.3995	.0009550	.0003521	.0028420	.3499
%RSD	3.564122	7.730242	.2530667	1.212449	.6925998	1.708742	.2233598

#1	.0043110	.0012007	553.5731	.0777200	.0505817	.1682996	156.9348
#2	.0044861	.0011943	551.4340	.0795911	.0506841	.1630635	156.2549
#3	.0041788	.0013653	554.0670	.0789876	.0512362	.1675968	156.7382

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.464022	39.18767	.1257861	.0066218	-.096620	.0486223	.8385947
Stddev	.002406	.09125	.0004797	.0002422	.161308	.0024110	.0036242
%RSD	.0694482	.2328662	.3813336	3.657430	166.9510	4.958620	.4321802

#1	3.466730	39.24946	.1253424	.0068635	.031621	.0458825	.8387471
#2	3.462131	39.08286	.1262950	.0066229	-.043753	.0504199	.8421403
#3	3.463205	39.23070	.1257209	.0063791	-.277728	.0495646	.8348967

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.795662	1.664034	-.015044	.0109042	4.776559	1.244399	.1687482
Stddev	.012800	.005200	.003209	.0001550	.028299	.003512	.0012809
%RSD	.7128094	.3125192	21.33020	1.421279	.5924588	.2822247	.7590543

#1	1.810346	1.658201	-.012313	.0107436	4.752199	1.243150	.1690530
#2	1.789773	1.668186	-.018579	.0109161	4.769877	1.248365	.1673425
#3	1.786867	1.665715	-.014242	.0110528	4.807601	1.241682	.1698493

Sample Name: K5849-06DLX2 Acquired: 11/15/2019 16:23:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1456137	.0531770	2.690078
Stddev	.0001034	.0004173	.002877
%RSD	.0710320	.7847636	.1069501

#1	.1456508	.0527172	2.690870
#2	.1456935	.0532821	2.686887
#3	.1454969	.0535317	2.692475

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1692.865	3567.805	37924.00	7276.588	3783.289
Stddev	9.091	5.588	46.71	19.998	9.705
%RSD	.5370330	.1566139	.1231633	.2748289	.2565105

#1	1684.013	3563.967	37870.27	7278.234	3785.754
#2	1692.405	3574.215	37946.75	7295.712	3791.523
#3	1702.178	3565.231	37954.97	7255.818	3772.589

Sample Name: K5849-05DLX2 Acquired: 11/15/2019 16:19:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047750	.0031836	.2581807	-.002528	.0030157	22.00074	.3348733
Stddev	.0029563	.0016975	.0022117	.001839	.0013306	.15536	.0015828
%RSD	61.91230	53.32193	.8566434	72.74862	44.12151	.7061371	.4726637

#1	.0017303	.0032840	.2556505	-.004562	.0022198	21.83276	.3334719
#2	.0049604	.0014380	.2591459	-.002043	.0045517	22.13925	.3365900
#3	.0076342	.0048287	.2597458	-.000981	.0022755	22.03020	.3345580

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067815	.0007534	633.3762	.0717655	.0583064	.1278170	301.2133
Stddev	.0000854	.0000727	2.1543	.0006181	.0003455	.0023561	1.4619
%RSD	1.259539	9.649147	.3401343	.8613299	.5925645	1.843355	.4853437

#1	.0067431	.0008373	631.1485	.0724122	.0587053	.1293348	299.9871
#2	.0068794	.0007099	635.4488	.0717038	.0581037	.1290134	302.8311
#3	.0067220	.0007130	633.5312	.0711805	.0581101	.1251027	300.8217

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.706260	72.90963	.1139873	.0003446	-.283442	.0663188	.9686933
Stddev	.020263	.43475	.0005311	.0001446	.383404	.0035299	.0129554
%RSD	.2087660	.5962890	.4659358	41.94895	135.2673	5.322619	1.337409

#1	9.692689	72.48900	.1143576	.0004549	-.502925	.0622742	.9658210
#2	9.729553	73.35725	.1133788	.0003980	-.506672	.0679037	.9574152
#3	9.696539	72.88265	.1142255	.0001810	.159270	.0687784	.9828438

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.681764	2.623169	-.034907	.0011977	3.373192	1.306461	.0278594
Stddev	.104217	.014538	.003553	.0003602	.021332	.005420	.0012420
%RSD	3.886150	.5541990	10.17957	30.07376	.6324013	.4148666	4.458232

#1	2.619794	2.624653	-.033790	.0014751	3.349399	1.306677	.0288387
#2	2.802085	2.607946	-.038884	.0013275	3.379566	1.311770	.0264623
#3	2.623412	2.636907	-.032046	.0007906	3.390610	1.300936	.0282772

Sample Name: K5849-05DLX2 Acquired: 11/15/2019 16:19:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1080365	.0694577	.7999138
Stddev	.0037086	.0010443	.0014890
%RSD	3.432680	1.503500	.1861482

#1	.1114047	.0697782	.8007851
#2	.1040623	.0682907	.7981944
#3	.1086424	.0703041	.8007617

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1683.321	3542.098	37951.56	7327.394	3695.274
Stddev	9.597	7.639	95.10	36.656	5.149
%RSD	.5701457	.2156731	.2505718	.5002607	.1393499

#1	1687.302	3533.637	37936.29	7360.595	3689.345
#2	1690.287	3548.488	38053.37	7288.057	3698.632
#3	1672.374	3544.170	37865.02	7333.528	3697.844

Sample Name: K5849-07DLX2 Acquired: 11/15/2019 16:27:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081115	.0030225	1.572507	-.006700	.0226130	19.82770	.5349355
Stddev	.0021310	.0018255	.003481	.000826	.0021401	.10766	.0020840
%RSD	26.27096	60.39808	.2213960	12.33401	9.463896	.5429543	.3895847

#1	.0103995	.0050803	1.571493	-.007153	.0224364	19.72496	.5327982
#2	.0077518	.0023894	1.569645	-.005746	.0205667	19.93968	.5350464
#3	.0061833	.0015978	1.576383	-.007200	.0248359	19.81847	.5369618

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062139	.0060161	668.4619	.2330024	.0630880	1.625131	284.0590
Stddev	.0000709	.0001563	.9533	.0004711	.0005676	.010515	.9986
%RSD	1.141326	2.598026	.1426065	.2021977	.8997409	.6470371	.3515305

#1	.0062958	.0059371	667.3955	.2334722	.0636114	1.616210	283.0155
#2	.0061756	.0059150	668.7590	.2330051	.0624846	1.636724	285.0056
#3	.0061704	.0061961	669.2313	.2325300	.0631679	1.622458	284.1558

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.136213	56.63553	.2186001	.0043217	-.036759	.0678940	4.835807
Stddev	.016026	.10569	.0019440	.0001723	.152425	.0037014	.036848
%RSD	.2611630	.1866073	.8893148	3.986869	414.6583	5.451775	.7619918

#1	6.118667	56.63255	.2191711	.0043568	.093089	.0678367	4.834609
#2	6.150078	56.74268	.2164345	.0041346	.001215	.0642216	4.873240
#3	6.139895	56.53137	.2201946	.0044738	-.204581	.0716238	4.799573

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.230183	1.944450	-.028427	.0094713	3.819702	1.899773	.8523415
Stddev	.046188	.008381	.003700	.0000820	.004427	.008760	.0034287
%RSD	2.071027	.4310406	13.01734	.8656381	.1159116	.4611225	.4022707

#1	2.199492	1.952485	-.031345	.0095657	3.815665	1.907117	.8562994
#2	2.283303	1.945106	-.024265	.0094301	3.819004	1.890077	.8504483
#3	2.207755	1.935760	-.029671	.0094180	3.824437	1.902126	.8502768

Sample Name: K5849-07DLX2 Acquired: 11/15/2019 16:27:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AA5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2842068	.0563311	.8516929
Stddev	.0013612	.0007031	.0012376
%RSD	.4789554	1.248154	.1453107

#1	.2857758	.0562509	.8529993
#2	.2833406	.0556716	.8505380
#3	.2835040	.0570709	.8515413

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1669.641	3546.385	37631.87	7336.622	3723.928
Stddev	9.182	10.712	191.75	30.966	6.940
%RSD	.5499417	.3020444	.5095534	.4220717	.1863694

#1	1664.757	3535.545	37496.94	7306.278	3719.490
#2	1663.933	3556.963	37547.29	7368.175	3731.926
#3	1680.233	3546.647	37851.37	7335.414	3720.368

Sample Name: K5849-10DLX2 Acquired: 11/15/2019 16:31:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0145911	.0006140	1.221535	.0019340	.0020121	15.15343	.3019702
Stddev	.0007812	.0022095	.004351	.0018839	.0014366	.03552	.0009175
%RSD	5.353875	359.8638	.3561577	97.40866	71.39921	.2344293	.3038417

#1	.0149544	-.001397	1.226245	.0033412	.0004322	15.15250	.3021879
#2	.0151245	.002979	1.220692	.0026671	.0023641	15.11839	.3009635
#3	.0136944	.000260	1.217667	-.000206	.0032399	15.18942	.3027593

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034896	.0012955	634.5467	.2310311	.0435647	.3005232	128.8780
Stddev	.0001000	.0000187	2.3056	.0017981	.0002263	.0044687	.2740
%RSD	2.866976	1.444091	.3633509	.7782772	.5194275	1.486977	.2125697

#1	.0034018	.0013121	636.3199	.2312021	.0438185	.3055657	129.1248
#2	.0034683	.0012992	631.9403	.2291537	.0433840	.2970536	128.5832
#3	.0035985	.0012752	635.3800	.2327376	.0434914	.2989502	128.9260

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.050840	39.53639	.0998050	.0000823	.1745450	.0433437	2.294928
Stddev	.007151	.13750	.0005719	.0004143	.1953102	.0024056	.022378
%RSD	.2343887	.3477788	.5730414	503.1582	111.8968	5.549975	.9751085

#1	3.058227	39.68600	.1004200	.0003249	.0434476	.0406278	2.319528
#2	3.043952	39.50760	.0992890	-.000396	.0811718	.0441972	2.275780
#3	3.050341	39.41555	.0997061	.000318	.3990157	.0452062	2.289477

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.785342	1.400066	-.013307	.0152410	3.675698	1.035711	.0102259
Stddev	.054757	.009468	.002698	.0003356	.018302	.005198	.0018856
%RSD	3.067041	.6762602	20.27584	2.201679	.4979138	.5018881	18.43952

#1	1.732662	1.398755	-.010408	.0156284	3.687992	1.040315	.0081429
#2	1.841964	1.410121	-.015745	.0150390	3.684438	1.030074	.0118164
#3	1.781401	1.391322	-.013769	.0150557	3.654665	1.036744	.0107185

Sample Name: K5849-10DLX2 Acquired: 11/15/2019 16:31:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AA8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0759601	.0399279	.8354493
Stddev	.0022249	.0002385	.0010798
%RSD	2.929058	.5973342	.1292480

#1	.0763705	.0401225	.8366653
#2	.0779513	.0396618	.8350798
#3	.0735586	.0399995	.8346027

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1682.971	3553.249	37577.82	7271.908	3769.416
Stddev	12.998	5.324	155.83	18.406	5.415
%RSD	.7723194	.1498471	.4146825	.2531064	.1436669

#1	1671.305	3548.908	37454.20	7269.561	3763.699
#2	1696.982	3559.190	37752.86	7254.787	3770.081
#3	1680.626	3551.650	37526.41	7291.374	3774.468

Sample Name: K5844-03 Acquired: 11/15/2019 16:35:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLP50S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3411008	.1133258	7.476721	.1096833	.2062712	121.6970
Stddev	.0015401	.0018591	.018785	.0048502	.0021949	.3439
%RSD	.4515014	1.640503	.2512492	4.422014	1.064075	.2826056

#1	.3428602	.1112172	7.475919	.1149769	.2087871	122.0840
#2	.3404453	.1140311	7.458350	.1086201	.2052778	121.5809
#3	.3399969	.1147290	7.495894	.1054529	.2047486	121.4262

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.379456	.1042791	.2362701	112.0077	.6177936	1.153716
Stddev	.012167	.0001607	.0001492	.2642	.0001855	.001932
%RSD	.1907286	.1541008	.0631543	.2358528	.0300244	.1674412

#1	6.393372	.1042493	.2364378	112.2434	.6179898	1.153281
#2	6.374178	.1041354	.2361520	111.7222	.6177698	1.152039
#3	6.370819	.1044526	.2362206	112.0574	.6176211	1.155829

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.717657	185.8550	6.001013	53.33149	1.231896	.1010652
Stddev	.012439	.2024	.013781	.05646	.002087	.0005091
%RSD	.7241971	.1089110	.2296465	.1058640	.1694136	.5037194

#1	1.729830	186.0794	6.011889	53.35318	1.229557	.1014180
#2	1.718174	185.6862	5.985515	53.26740	1.233567	.1004816
#3	1.704968	185.7993	6.005635	53.37388	1.232564	.1012960

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.270981	1.245303	7.093243	16.22552	F 19.30208	.0125729
Stddev	.078903	.002915	.017879	.14362	.05402	.0011616
%RSD	6.208022	.2340576	.2520526	.8851762	.2798423	9.238592

#1	1.318834	1.242285	7.089966	16.36610	19.28424	.0122515
#2	1.314198	1.248102	7.112534	16.23143	19.25923	.0138613
#3	1.179911	1.245523	7.077230	16.07903	19.36276	.0116059

Sample Name: K5844-03 Acquired: 11/15/2019 16:35:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLP50S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077468	7.744578	2.531506	.0579317	6.377600	.1402789
Stddev	.0002836	.023639	.015189	.0009335	.007171	.0006010
%RSD	3.660878	.3052284	.6000143	1.611417	.1124425	.4283948

#1	.0080485	7.725126	2.548633	.0585109	6.380692	.1396447
#2	.0077065	7.737721	2.526215	.0568548	6.369402	.1403521
#3	.0074856	7.770887	2.519669	.0584295	6.382707	.1408399

Elem	Sr4077
Units	ppm
Avg	.5876611
Stddev	.0003320
%RSD	.0564968

#1	.5879932
#2	.5876611
#3	.5873292

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1836.381	3924.173	40986.42	7857.761	4012.973
Stddev	3.500	3.946	174.11	35.532	6.470
%RSD	.1905959	.1005460	.4247892	.4521945	.1612363

#1	1835.744	3923.919	40792.03	7819.625	4016.021
#2	1833.243	3928.239	41039.18	7889.935	4017.357
#3	1840.155	3920.360	41128.04	7863.723	4005.542

Sample Name: K5849-03 Acquired: 11/15/2019 16:39:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA1S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1212066	.1139810	1.039679	.1040991	.2078949	32.16016	4.585915
Stddev	.0039844	.0033600	.002573	.0060358	.0016897	.20149	.036036
%RSD	3.287292	2.947823	.2475081	5.798079	.8127581	.6265054	.7857993

#1	.1200911	.1148369	1.037560	.0972593	.2098265	32.38652	4.626621
#2	.1178989	.1168303	1.038935	.1063604	.2071670	32.00043	4.558089
#3	.1256299	.1102759	1.042542	.1086777	.2066911	32.09354	4.573035

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1104123	.1140011	244.7646	.5268677	1.183155	1.170389	269.2581
Stddev	.0002019	.0001059	1.1561	.0007171	.002722	.008420	1.0731
%RSD	.1828886	.0928955	.4723154	.1361029	.2300761	.7194001	.3985531

#1	.1106433	.1138789	246.0232	.5262259	1.180979	1.179934	270.4824
#2	.1103245	.1140674	244.5206	.5267357	1.182280	1.164018	268.8114
#3	.1102691	.1140569	243.7501	.5276417	1.186208	1.167213	268.4805

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.767897	23.34563	1.251063	.0926981	.3884557	1.097852	2.653693
Stddev	.017627	.05529	.000244	.0003759	.1347817	.007240	.032136
%RSD	.3696923	.2368281	.0195176	.4055500	34.69680	.6594904	1.210977

#1	4.787605	23.35914	1.250903	.0925136	.3570161	1.104343	2.630142
#2	4.762447	23.28484	1.250942	.0924500	.2721726	1.090043	2.640635
#3	4.753639	23.39291	1.251344	.0931306	.5361784	1.099171	2.690302

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.722649	4.863703	-.030665	.0083492	5.588494	1.562608	.0258425
Stddev	.047928	.013183	.002944	.0003186	.006599	.004098	.0009631
%RSD	1.287476	.2710427	9.598924	3.816328	.1180893	.2622434	3.726725

#1	3.774132	4.851381	-.028844	.0085108	5.589557	1.567315	.0254897
#2	3.714492	4.877604	-.034061	.0085547	5.594498	1.559837	.0269323
#3	3.679323	4.862123	-.029091	.0079822	5.581428	1.560671	.0251057

Sample Name: K5849-03 Acquired: 11/15/2019 16:39:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AA1S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1523686	.0351738	.3787885
Stddev	.0027377	.0007547	.0010782
%RSD	1.796752	2.145610	.2846394

#1	.1555089	.0360179	.3782600
#2	.1504842	.0349392	.3800290
#3	.1511128	.0345643	.3780766

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1786.909	3778.146	39975.10	7665.978	3966.876
Stddev	7.273	1.173	18.84	31.011	1.154
%RSD	.4070136	.0310380	.0471382	.4045257	.0290871

#1	1791.094	3777.252	39971.15	7654.861	3968.059
#2	1791.123	3779.474	39995.61	7642.057	3966.817
#3	1778.511	3777.713	39958.55	7701.015	3965.753

Sample Name: K5816-01A Acquired: 11/15/2019 16:43:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA5476A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038890	-.000339	.0024067	.0595006	-.003271	-.008999	.0035136
Stddev	.0028148	.000671	.0013171	.0026869	.001171	.005601	.0002252
%RSD	72.37757	198.1674	54.72392	4.515752	35.78657	62.24325	6.409952

#1	.0007850	-.000916	.0009856	.0574714	-.002247	-.011074	.0037649
#2	.0046064	-.000498	.0035862	.0584827	-.004547	-.002656	.0033300
#3	.0062758	.000398	.0026484	.0625478	-.003018	-.013267	.0034458

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001271	.0001001	51.93125	.0011251	-.000792	.0094971	.0666723
Stddev	.0000858	.0000375	.03619	.0003259	.000178	.0009221	.0086978
%RSD	67.52569	37.46210	.0696895	28.97112	22.51311	9.709459	13.04557

#1	.0000293	.0001301	51.96025	.0010998	-.000963	.0104666	.0724011
#2	.0001897	.0001121	51.89069	.0014629	-.000806	.0093938	.0709520
#3	.0001624	.0000581	51.94280	.0008125	-.000607	.0086310	.0566639

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098827	3.844370	.0009419	.0003198	56.79168	-.002419	.0107879
Stddev	.0002954	.022638	.0004123	.0001973	.22202	.000810	.0019266
%RSD	2.989524	.5888592	43.77964	61.68834	.3909441	33.48901	17.85905

#1	.0100511	3.860884	.0014179	.0005445	56.96754	-.001916	.0111342
#2	.0100554	3.853662	.0006940	.0001751	56.54220	-.003354	.0125179
#3	.0095415	3.818565	.0007137	.0002398	56.86530	-.001989	.0087116

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.468619	.0036243	.0173385	.0004604	12.64998	5.839562	-.004588
Stddev	.044271	.0020857	.0005784	.0000834	.04775	.019315	.000372
%RSD	1.276343	57.54725	3.335643	18.10276	.3774707	.3307686	8.108052

#1	3.478958	.0054247	.0180020	.0004505	12.68615	5.853261	-.004531
#2	3.420093	.0013388	.0169411	.0003825	12.59585	5.817470	-.004248
#3	3.506806	.0041092	.0170724	.0005483	12.66794	5.847956	-.004985

Sample Name: K5816-01A Acquired: 11/15/2019 16:43:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA5476A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000793	-.008365	.0570877
Stddev	.000265	.001001	.0000574
%RSD	33.43356	11.97070	.1005338

#1	-.000511	-.007920	.0571336
#2	-.001038	-.007663	.0571061
#3	-.000830	-.009512	.0570233

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1769.197	3728.796	38741.55	7276.515	4218.421
Stddev	3.666	6.932	118.54	14.343	3.418
%RSD	.2072116	.1859137	.3059637	.1971204	.0810176

#1	1770.871	3735.675	38830.34	7278.927	4218.306
#2	1764.993	3728.901	38606.95	7261.119	4221.894
#3	1771.728	3721.812	38787.37	7289.500	4215.062

Sample Name: K5817-01A Acquired: 11/15/2019 16:47:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA5477A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063889	.0002798	.0034488	.0543982	-.001890	-.001288	.0007646
Stddev	.0014857	.0022460	.0006468	.0022491	.000557	.004227	.0004945
%RSD	23.25465	802.7357	18.75545	4.134520	29.44780	328.1572	64.67697

#1	.0075582	-.000716	.0031515	.0562743	-.002165	.003583	.0013277
#2	.0068914	-.001296	.0041908	.0519049	-.001249	-.003984	.0004010
#3	.0047171	.002852	.0030040	.0550154	-.002255	-.003463	.0005650

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001162	.0000728	51.40041	.0011182	-.000972	.0115567	.0007276
Stddev	.0000586	.0000552	.03538	.0001365	.000044	.0020410	.0187824
%RSD	50.41350	75.71973	.0688394	12.20451	4.571888	17.66047	2581.393

#1	.0001823	.0000314	51.40598	.0012650	-.000940	.0132907	.0132801
#2	.0000705	.0001355	51.36257	.0010943	-.000954	.0093075	.0097681
#3	.0000959	.0000516	51.43268	.0009953	-.001023	.0120718	-.020865

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099898	3.776213	.0006155	.0001692	56.38882	-.004174	.0044412
Stddev	.0002756	.017075	.0002489	.0002175	.28204	.002923	.0031818
%RSD	2.758560	.4521596	40.42846	128.4953	.5001759	70.02590	71.64257

#1	.0098208	3.791072	.0007639	.0004137	56.67895	-.006903	.0063914
#2	.0103078	3.780006	.0003282	.0000965	56.37188	-.004529	.0061627
#3	.0098408	3.757561	.0007545	-.000003	56.11563	-.001090	.0007696

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.428612	-.000338	.0161124	.0003758	12.62784	5.671558	-.004021
Stddev	.018053	.002613	.0003963	.0001795	.03568	.028839	.000567
%RSD	.5265479	772.3469	2.459274	47.76871	.2825785	.5084802	14.09509

#1	3.449295	.002020	.0157569	.0003068	12.59115	5.676799	-.004307
#2	3.416015	.000112	.0165396	.0005796	12.62995	5.640458	-.004388
#3	3.420526	-.003147	.0160405	.0002410	12.66242	5.697417	-.003368

Sample Name: K5817-01A Acquired: 11/15/2019 16:47:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA5477A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000673	-.008393	.0564366
Stddev	.000957	.000587	.0002285
%RSD	142.1041	6.991854	.4049109

#1	-.001490	-.007960	.0563486
#2	.000379	-.009061	.0562651
#3	-.000909	-.008158	.0566960

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1763.127	3719.998	38635.90	7352.934	4204.294
Stddev	7.145	6.662	56.44	40.474	12.870
%RSD	.4052291	.1790800	.1460690	.5504436	.3061132

#1	1766.468	3726.875	38647.01	7331.177	4215.739
#2	1767.989	3713.575	38685.96	7399.632	4190.362
#3	1754.924	3719.543	38574.74	7327.992	4206.780

Sample Name: K5844-07 Acquired: 11/15/2019 17:13:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLP65 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0219712	-.001739	.0280003	.0033967	-.000572	.0924235	.0001159
Stddev	.0013460	.000445	.0013439	.0018313	.001730	.0047375	.0003285
%RSD	6.126040	25.56728	4.799482	53.91322	302.4449	5.125826	283.3834

#1	.0208509	-.002154	.0295373	.0040330	.000148	.0887262	.0002144
#2	.0234642	-.001270	.0270468	.0048249	.000681	.0977637	-.000251
#3	.0215985	-.001794	.0274168	.0013322	-.002546	.0907806	.000384

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002132	-.000010	2.143296	-.000366	.0049477	.0257992	17.50526
Stddev	.0000537	.000067	.002738	.000230	.0000821	.0013764	.01142
%RSD	25.21364	695.6350	.1277681	62.87879	1.659190	5.334884	.0652379

#1	.0002523	.000057	2.142966	-.000542	.0050262	.0266958	17.50789
#2	.0001519	-.000009	2.146185	-.000106	.0048624	.0264874	17.49275
#3	.0002353	-.000077	2.140738	-.000451	.0049546	.0242145	17.51514

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0129213	1.186000	.0167060	.0005170	-.013042	-.004080	.0055146
Stddev	.0003420	.027171	.0003132	.0004164	.243936	.000601	.0002308
%RSD	2.646634	2.290953	1.874979	80.53535	1870.451	14.72128	4.184245

#1	.0133114	1.164352	.0164190	.0000793	-.265104	-.004704	.0056317
#2	.0126730	1.216490	.0166588	.0009081	.004117	-.004032	.0052488
#3	.0127796	1.177158	.0170401	.0005637	.221862	-.003505	.0056633

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.350543	.0106712	-.006727	.0007504	16.01448	.2039274	.0018083
Stddev	.081116	.0008150	.000451	.0001198	.07047	.0089929	.0010457
%RSD	23.14008	7.636880	6.699368	15.96516	.4400335	4.409836	57.82530

#1	-.403387	.0099086	-.007119	.0008738	16.02734	.2016369	.0029293
#2	-.391093	.0105751	-.006826	.0007429	16.07764	.2138440	.0008593
#3	-.257147	.0115299	-.006235	.0006346	15.93847	.1963013	.0016363

Sample Name: K5844-07 Acquired: 11/15/2019 17:13:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLP65 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0207452	-.010866	.0017212
Stddev	.0021266	.000217	.0000704
%RSD	10.25108	1.995677	4.089082

#1	.0184665	-.011019	.0016420
#2	.0226771	-.010618	.0017449
#3	.0210920	-.010961	.0017766

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1775.651	3740.215	39121.87	7316.724	4265.710
Stddev	9.912	4.588	240.36	26.778	2.175
%RSD	.5582395	.1226553	.6143787	.3659873	.0509973

#1	1780.542	3734.973	39067.30	7300.229	4265.198
#2	1764.244	3743.496	38913.49	7302.321	4268.096
#3	1782.167	3742.176	39384.82	7347.621	4263.837

Sample Name: CCV065 Acquired: 11/15/2019 17:45:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV065 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.889285	4.864291	25.26268	5.054007	4.835742	384.0394	9.636408
Stddev	.015419	.011102	.02484	.014673	.012369	5.9173	.029150
%RSD	.3153695	.2282264	.0983463	.2903282	.2557779	1.540817	.3025023

#1	4.892717	4.874690	25.28173	5.070771	4.847186	378.5842	9.619487
#2	4.872439	4.852600	25.23458	5.043494	4.822620	390.3301	9.619669
#3	4.902699	4.865583	25.27173	5.047757	4.837420	383.2039	9.670068

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4794061	2.555881	395.8025	15.01884	2.548627	13.91382	395.0123
Stddev	.0007160	.003929	1.5101	.04128	.004447	.03633	1.3797
%RSD	.1493405	.1537424	.3815352	.2748388	.1744837	.2611393	.3492761

#1	.4786583	2.556955	394.8518	15.00363	2.550920	13.93812	394.2428
#2	.4800853	2.551526	395.0119	14.98733	2.543502	13.87205	394.1889
#3	.4794748	2.559162	397.5438	15.06557	2.551460	13.93130	396.6051

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.35803	388.5491	2.423999	1.237001	383.6149	2.398596	14.06105
Stddev	.06443	1.5052	.003948	.000419	.9912	.015697	.03919
%RSD	.4487169	.3873969	.1628869	.0338675	.2583767	.6544230	.2786948

#1	14.30782	387.6364	2.427039	1.237371	383.5461	2.395196	14.04613
#2	14.33560	387.7245	2.419536	1.236546	382.6599	2.384879	14.10551
#3	14.43068	390.2865	2.425421	1.237086	384.6387	2.415715	14.03152

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	138.1196	4.955026	4.802145	4.927682	5.255918	4.694696	5.055047
Stddev	.4011	.008795	.003597	.002776	.018563	.007749	.014231
%RSD	.2904246	.1774905	.0749053	.0563381	.3531879	.1650595	.2815173

#1	138.4512	4.960474	4.799077	4.928406	5.261695	4.686352	5.071464
#2	137.6738	4.944880	4.801254	4.924615	5.235154	4.701667	5.046232
#3	138.2340	4.959725	4.806103	4.930024	5.270906	4.696068	5.047444

Sample Name: CCV065 Acquired: 11/15/2019 17:45:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV065 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.070462	5.059804	5.194477
Stddev	.022866	.017388	.016582
%RSD	.4509578	.3436430	.3192232

#1	5.044173	5.041935	5.175700
#2	5.085730	5.060811	5.207108
#3	5.081483	5.076666	5.200624

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1465.309	3179.372	34972.44	6907.278	3353.622
Stddev	12.645	7.526	81.09	20.993	10.673
%RSD	.8629493	.2367232	.2318664	.3039311	.3182523

#1	1463.606	3170.831	34928.51	6895.958	3341.900
#2	1453.602	3185.034	34922.80	6894.373	3362.778
#3	1478.719	3182.250	35066.02	6931.502	3356.189

Sample Name: CCB065 Acquired: 11/15/2019 17:49:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB065 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003348	-.001566	.0035202	.0043516	-.000789	.0122147	-.000620
Stddev	.0018275	.000725	.0006900	.0003888	.001491	.0018693	.000280
%RSD	545.8836	46.27380	19.60117	8.935938	189.0045	15.30398	45.20637

#1	.0018431	-.001007	.0029593	.0044632	.000929	.0142220	-.000306
#2	-.001697	-.002384	.0042907	.0039191	-.001543	.0105237	-.000845
#3	.000859	-.001306	.0033106	.0046724	-.001752	.0118983	-.000709

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000734	.0000794	.0211074	.0008588	.0001946	.0044961	.0144178
Stddev	.0000874	.0000271	.0073634	.0001309	.0000089	.0014772	.0052146
%RSD	119.0370	34.06872	34.88564	15.24174	4.593793	32.85488	36.16780

#1	-.000027	.0000748	.0191353	.0007077	.0002043	.0059963	.0168715
#2	.000112	.0000550	.0292561	.0009375	.0001867	.0044488	.0179528
#3	.000135	.0001085	.0149308	.0009311	.0001926	.0030431	.0084289

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005116	.0320417	.0001502	.0004625	-.318650	-.003060	-.000588
Stddev	.0004825	.0113432	.0002553	.0004055	.236179	.003188	.000474
%RSD	94.30787	35.40143	170.0111	87.67972	74.11848	104.1877	80.71455

#1	.0010131	.0253682	.0004072	.0000975	-.479987	-.005598	-.000376
#2	.0004712	.0256181	-.000103	.0003910	-.428398	-.004099	-.001131
#3	.0000506	.0451390	.000147	.0008990	-.047566	.000518	-.000256

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.024677	-.001794	.0061404	.0005871	-.001297	-.004113	-.001836
Stddev	.022430	.000364	.0008365	.0001443	.002698	.000501	.000189
%RSD	90.89176	20.26259	13.62270	24.58283	207.9346	12.17373	10.28209

#1	-.029944	-.001671	.0070059	.0007473	-.004106	-.003643	-.001974
#2	-.044005	-.001508	.0053364	.0005467	.001274	-.004056	-.001621
#3	-.000083	-.002204	.0060788	.0004673	-.001059	-.004639	-.001913

Sample Name: CCB065 Acquired: 11/15/2019 17:49:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1013) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB065 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000615	.0048989	.0001058
Stddev	.000259	.0009641	.0000544
%RSD	42.05935	19.67873	51.39153

#1	-.000329	.0038217	.0001624
#2	-.000834	.0056807	.0001008
#3	-.000683	.0051944	.0000540

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1733.587	3676.221	38232.49	7157.172	4184.560
Stddev	10.517	1.613	220.17	24.854	6.621
%RSD	.6066439	.0438875	.5758647	.3472546	.1582289

#1	1745.723	3674.913	38440.20	7131.087	4184.446
#2	1727.133	3675.727	38255.59	7159.852	4191.237
#3	1727.906	3678.024	38001.68	7180.577	4177.996

Element, Wavelength and Order	Date of Fit	Date of Cal.	Type of Fit	Weighting	A0	A1	A2	n (Exponent)	Correlation
As 189.042 {479}	11/15/2019 22:35:22	11/15/2019 12:29:54	Linear	1/Conc	-0.000226	0.039336	0.000000	1.000000	0.999768
Tl 190.856 {477}	11/15/2019 22:35:22	11/15/2019 12:29:54	Linear	1/Conc	-0.000411	0.064871	0.000000	1.000000	0.999901
Pb 220.353 {453}	11/15/2019 22:35:22	11/15/2019 12:29:54	Linear	1/Conc	0.000355	0.205856	0.000000	1.000000	0.999971
Se 196.090 {472}	11/15/2019 22:35:22	11/15/2019 12:29:54	Linear	1/Conc	0.000461	0.057091	0.000000	1.000000	0.999982
Sb 206.833 {463}	11/15/2019 22:35:22	11/15/2019 12:29:54	Linear	1/Conc	0.000359	0.126631	0.000000	1.000000	0.999832
Al 396.152 { 85}	11/15/2019 22:35:22	11/15/2019 12:34:07	Linear	1/Conc	0.005536	0.076888	0.000000	1.000000	0.999893
Ba 493.409 { 68}	11/15/2019 22:35:22	11/15/2019 12:29:54	Linear	1/Conc	0.011619	3.915803	0.000000	1.000000	0.999948
Be 234.861 {144}	11/15/2019 22:35:22	11/15/2019 12:29:54	Linear	1/Conc	-0.001174	4.975471	0.000000	1.000000	0.999763
Cd 214.438 {457}	11/15/2019 22:35:22	11/15/2019 12:29:54	Linear	1/Conc	-0.000248	3.020443	0.000000	1.000000	0.999982
Ca 373.690 { 90}	11/15/2019 22:35:22	11/15/2019 12:34:07	Linear	1/Conc	-0.000066	0.072189	0.000000	1.000000	0.999940
Cr 267.716 {126}	11/15/2019 22:35:22	11/15/2019 12:29:54	Curvili	1/Conc	-0.000057	0.170757	-0.000392	1.000000	0.999984
Co 228.616 {448}	11/15/2019 22:35:22	11/15/2019 12:29:54	Linear	1/Conc	0.000321	0.883056	0.000000	1.000000	0.999995
Cu 324.754 {104}	11/15/2019 22:35:22	11/15/2019 12:29:54	Linear	1/Conc	0.003384	0.169154	0.000000	1.000000	0.999944
Fe 259.837 {130}	11/15/2019 22:35:22	11/15/2019 12:34:07	Linear	1/Conc	0.000103	0.026662	0.000000	1.000000	0.999884
Mn 257.610 {131}	11/15/2019 22:35:22	11/15/2019 12:29:54	Linear	1/Conc	0.000339	0.658326	0.000000	1.000000	0.999812
Mg 279.079 {121}	11/15/2019 22:35:22	11/15/2019 12:34:07	Linear	1/Conc	-0.000251	0.010147	0.000000	1.000000	0.999912
Ni 231.604 {446}	11/15/2019 22:35:22	11/15/2019 12:29:54	Linear	1/Conc	-0.001266	0.620742	0.000000	1.000000	0.999979
Ag 328.068 {103}	11/15/2019 22:35:22	11/15/2019 12:29:54	Linear	1/Conc	-0.000986	0.453329	0.000000	1.000000	0.999954
Na 818.326 { 41}	11/15/2019 22:35:22	11/15/2019 12:34:07	Linear	1/Conc	-0.008573	0.005458	0.000000	1.000000	0.999707
V 292.402 {115}	11/15/2019 22:35:22	11/15/2019 12:29:54	Linear	1/Conc	0.000575	0.102194	0.000000	1.000000	0.999920
Zn 206.200 {464}	11/15/2019 22:35:22	11/15/2019 12:29:54	Linear	1/Conc	3.740699	1631.0317	0.000000	1.000000	0.996478
Zn 213.856 {158}	11/15/2019 22:35:22	11/15/2019 12:29:54	Linear	1/Conc	0.000150	0.247987	0.000000	1.000000	0.999326
K 769.896 { 44}	11/15/2019 22:35:22	11/15/2019 12:29:54	Linear	1/Conc	0.018275	0.021723	0.000000	1.000000	0.999848
P 177.495 {490}	11/15/2019 22:35:22	11/15/2019 12:29:54	Linear	1/Conc	-0.000882	0.044568	0.000000	1.000000	0.999720
B 249.678 {135}	11/15/2019 22:35:22	11/15/2019 12:29:54	Linear	1/Conc	0.002096	0.514596	0.000000	1.000000	0.997302
Mo 202.030 {467}	11/15/2019 22:35:22	11/15/2019 12:29:54	Linear	1/Conc	0.000174	0.499247	0.000000	1.000000	0.999943
S 182.034 {485}	11/15/2019 22:35:22	11/15/2019 12:29:54	Linear	1/Conc	0.000245	0.029700	0.000000	1.000000	0.999677
Si 251.611 {134}	11/15/2019 22:35:22	11/15/2019 12:29:54	Linear	1/Conc	0.007690	0.476961	0.000000	1.000000	0.999807
Sn 189.989 {478}	11/15/2019 22:35:22	11/15/2019 12:29:54	Linear	1/Conc	0.000290	0.088357	0.000000	1.000000	0.999972
Ti 336.121 {100}	11/15/2019 22:35:22	11/15/2019 12:29:54	Linear	1/Conc	0.001043	0.450644	0.000000	1.000000	0.999984
Li 670.784 { 50}	11/15/2019 22:35:22	11/15/2019 12:29:54	Linear	1/Conc	0.022127	0.935576	0.000000	1.000000	0.998114
Y 224.306 {150}*	<not fit>	<Never Calibrated>	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000	0.000000
Y 224.306 {450}*	<not fit>	<Never Calibrated>	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000	0.000000
Y 360.073 { 94}*	<not fit>	<Never Calibrated>	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000	0.000000
Y 371.030 { 91}*	<not fit>	<Never Calibrated>	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000	0.000000
In 230.606 {446}*	<not fit>	<Never Calibrated>	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000	0.000000
Sr 407.771 { 83}	11/15/2019 22:35:22	11/15/2019 12:29:54	Curvili	1/Conc	-0.001196	10.864694	-0.023312	1.000000	0.999986