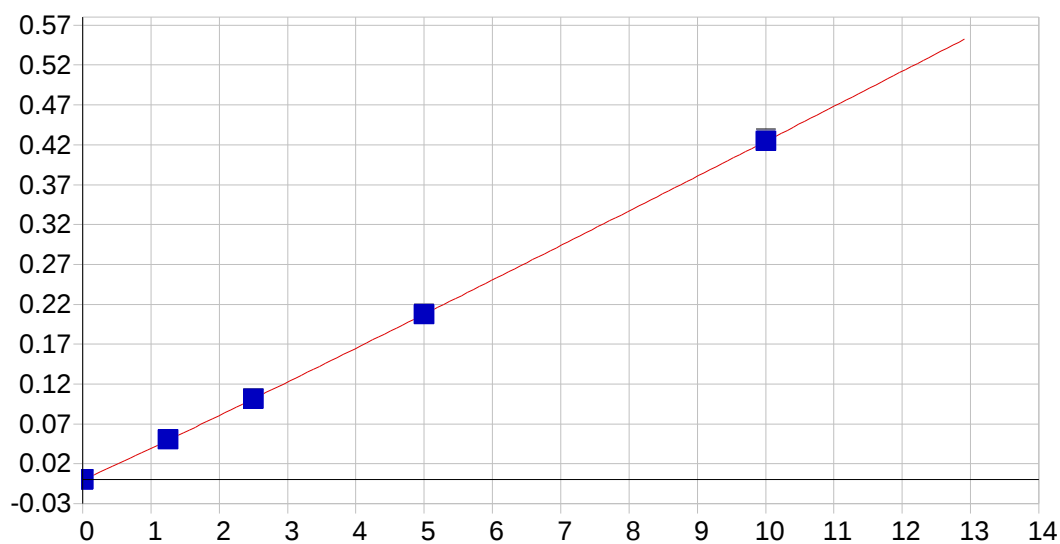




As 189.042 {479}

Date of Fit: 10/23/2018 12:01:11 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.000262

Re-Slope: 1.000000

A1 (Gain): 0.039578

Y-int: 0.000000

A2 (Curvature): 0.000005

n (Exponent): 1.030000

Correlation: 0.999980

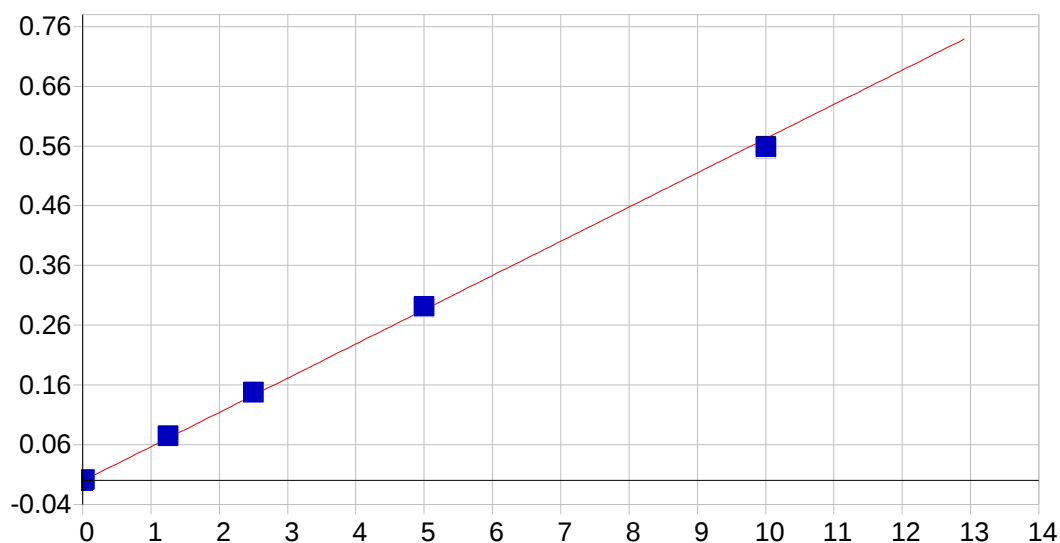
Status: Warning Positive Curvature

Std Error of Est: 0.000006

Predicted MDL: 0.003620

Predicted MQL: 0.012067

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00026	.000	1
S1	.01000	.00730	-.003	-27.0	-.00001	.000	1
S2	1.2500	1.2654	.015	1.23	.05037	.000	1
S3	2.5000	2.4931	-.007	-.276	.10156	.000	1
S4	5.0000	4.9890	-.011	-.221	.20784	.000	1
S5	10.000	10.005	.005	.051	.42613	.001	1

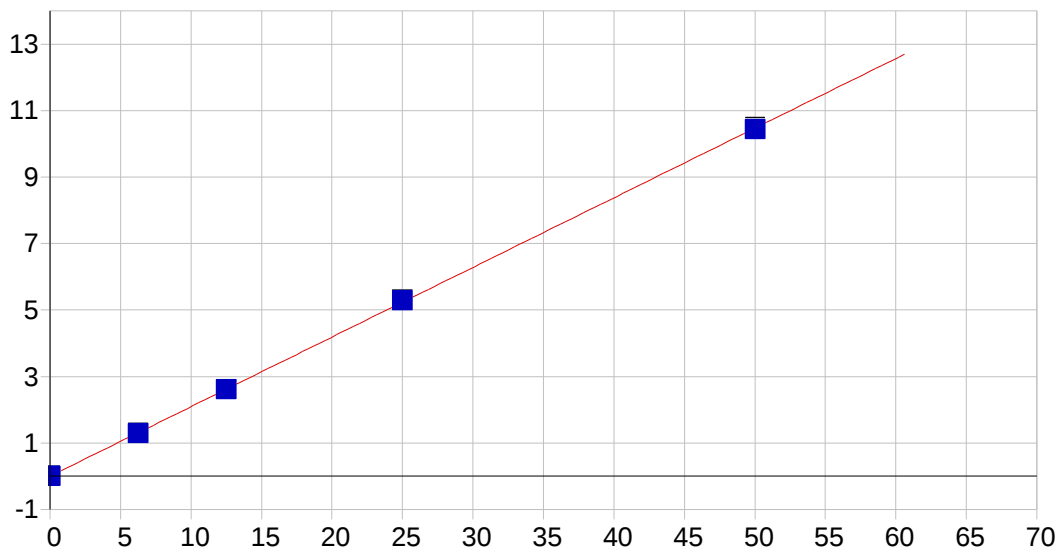


TI 190.856 {477}

Date of Fit: 10/23/2018 12:01:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000510 Re-Slope: 1.000000
 A1 (Gain): 0.057296 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999640 Status: OK.
 Std Error of Est: 0.000041
 Predicted MDL: 0.002199
 Predicted MQL: 0.007329

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00051	.000	1
S1	.02500	.02538	.000	1.52	.00092	.000	1
S2	1.2500	1.3075	.058	4.60	.07397	.000	1
S3	2.5000	2.5872	.087	3.49	.14686	.001	1
S4	5.0000	5.0962	.096	1.92	.28975	.000	1
S5	10.000	9.7588	-.241	-2.41	.55517	.001	1

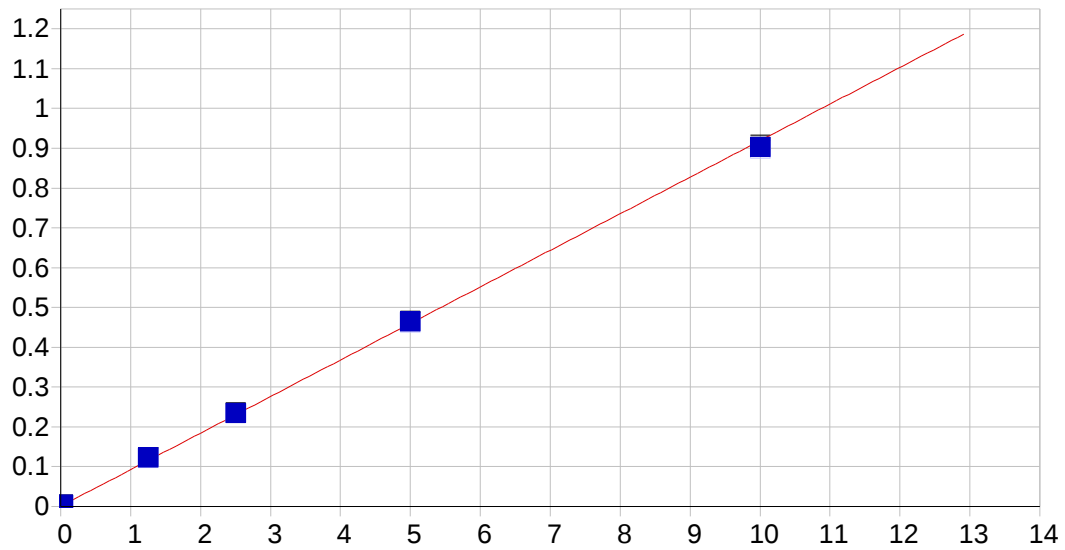


Pb 220.353 {453}

Date of Fit: 10/23/2018 12:01:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000283 Re-Slope: 1.000000
 A1 (Gain): 0.209408 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999975 Status: OK.
 Std Error of Est: 0.000056
 Predicted MDL: 0.001555
 Predicted MQL: 0.005183

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00028	.000	1
S1	.01000	.01033	.000	3.30	.00189	.000	1
S2	6.2500	6.1769	-.073	-1.17	1.2950	.002	1
S3	12.500	12.447	-.053	-.422	2.6099	.006	1
S4	25.000	25.281	.281	1.12	5.3010	.013	1
S5	50.000	49.844	-.156	-.311	10.452	.049	1

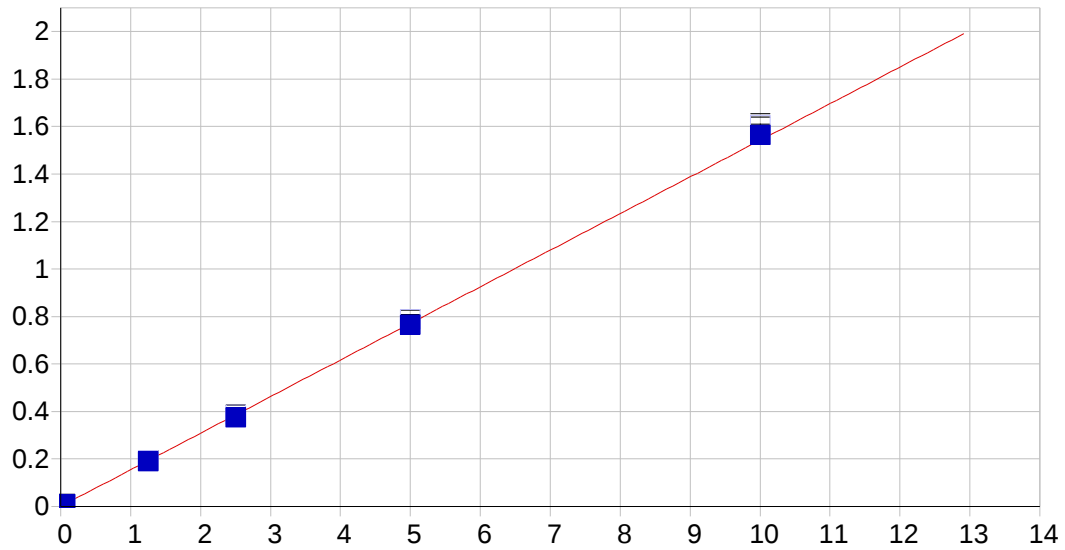


Se 196.090 {472}

Date of Fit: 10/23/2018 12:01:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000597 Re-Slope: 1.000000
 A1 (Gain): 0.091863 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999748 Status: OK.
 Std Error of Est: 0.000064
 Predicted MDL: 0.002404
 Predicted MQL: 0.008013

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00060	.000	1
S1	.03500	.03569	.001	1.98	.00387	.000	1
S2	1.2500	1.3264	.076	6.11	.12191	.000	1
S3	2.5000	2.5509	.051	2.04	.23385	.001	1
S4	5.0000	5.0501	.050	1.00	.46236	.001	1
S5	10.000	9.8219	-.178	-1.78	.89856	.005	1

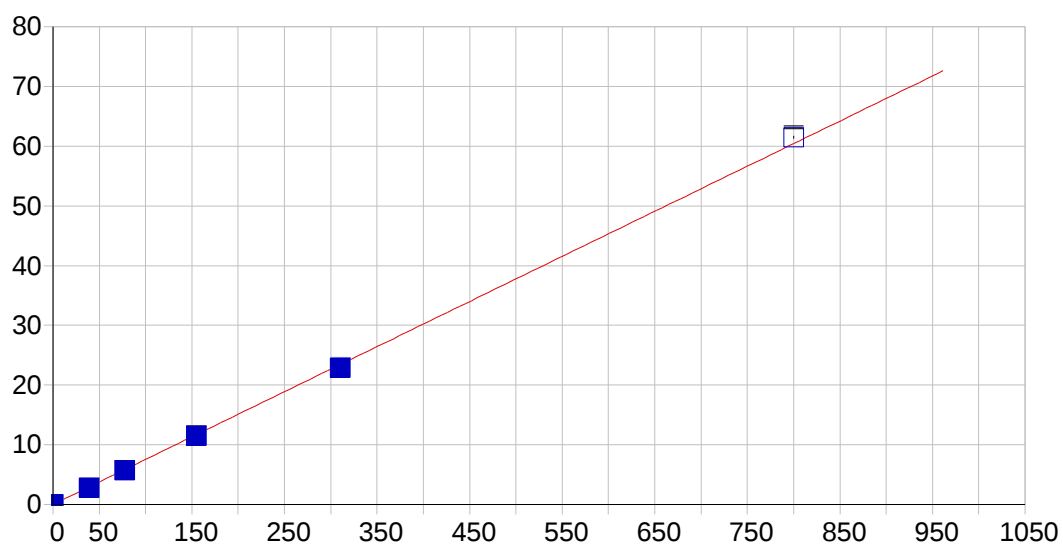


Sb 206.833 {463}

Date of Fit: 10/23/2018 12:01:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000387 Re-Slope: 1.000000
 A1 (Gain): 0.154175 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999879 Status: OK.
 Std Error of Est: 0.000101
 Predicted MDL: 0.001591
 Predicted MQL: 0.005302

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00039	.000	1
S1	.06000	.05679	-.003	-5.34	.00914	.000	1
S2	1.2500	1.2246	-.025	-2.03	.19444	.000	1
S3	2.5000	2.4289	-.071	-2.85	.38535	.000	1
S4	5.0000	4.9646	-.035	-.707	.78680	.001	1
S5	10.000	10.135	.135	1.35	1.6049	.007	1

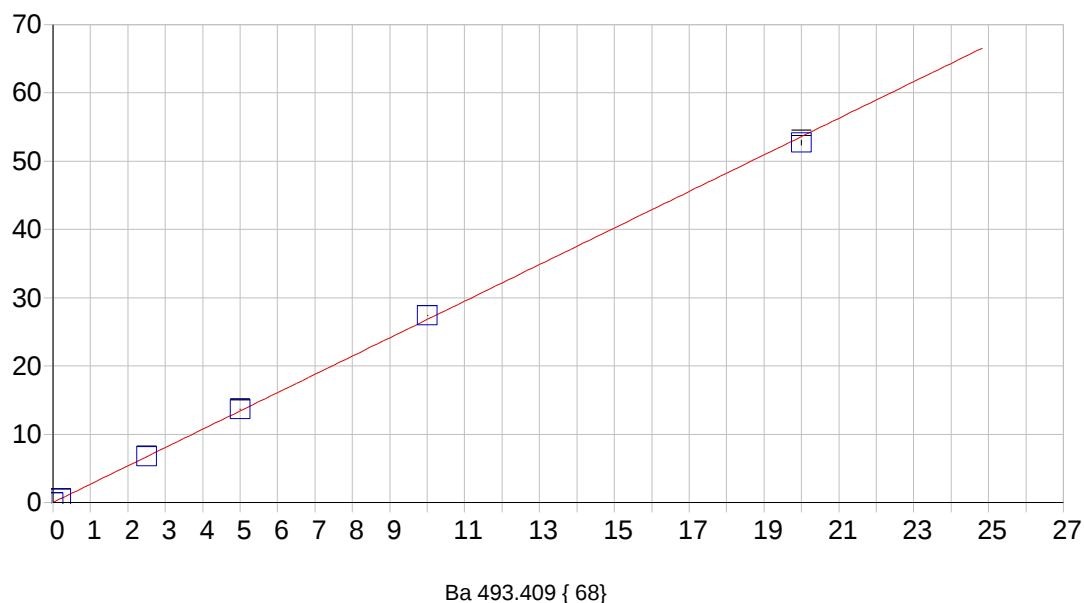


AI 396.152 { 85}

Date of Fit: 10/23/2018 12:01:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003968 Re-Slope: 1.000000
 A1 (Gain): 0.075521 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999777 Status: OK.
 Std Error of Est: 0.000993
 Predicted MDL: 0.015106
 Predicted MQL: 0.050355

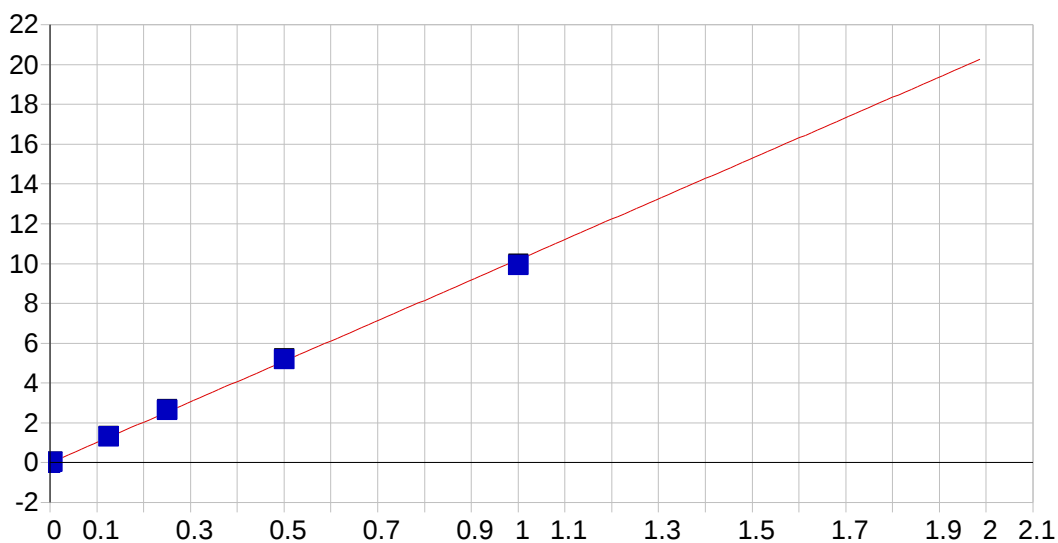
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00397	.001	1
S1	.20000	.18907	-.011	-5.46	.01827	.001	1
S2	38.750	37.040	-1.71	-4.41	2.8040	.007	1
S3	77.500	74.850	-2.65	-3.42	5.6622	.020	1
S4	155.00	152.09	-2.91	-1.88	11.501	.021	1
S5	310.00	303.21	-6.79	-2.19	22.925	.027	1
S6	800.00	814.08	14.1	1.76	61.484	.265	1



Date of Fit: 10/23/2018 12:01:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.010381 Re-Slope: 1.000000
 A1 (Gain): 2.679929 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999827 Status: OK.
 Std Error of Est: 0.005295
 Predicted MDL: 0.001059
 Predicted MQL: 0.003530

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.01036	.002	1
S1	.20000	.19982	.000	-.092	.54587	.003	1
S2	2.5000	2.5265	.026	1.06	6.7812	.026	1
S3	5.0000	5.0916	.092	1.83	13.656	.066	1
S4	10.000	10.227	.227	2.27	27.417	.013	1
S5	20.000	19.655	-.345	-1.72	52.686	.404	1

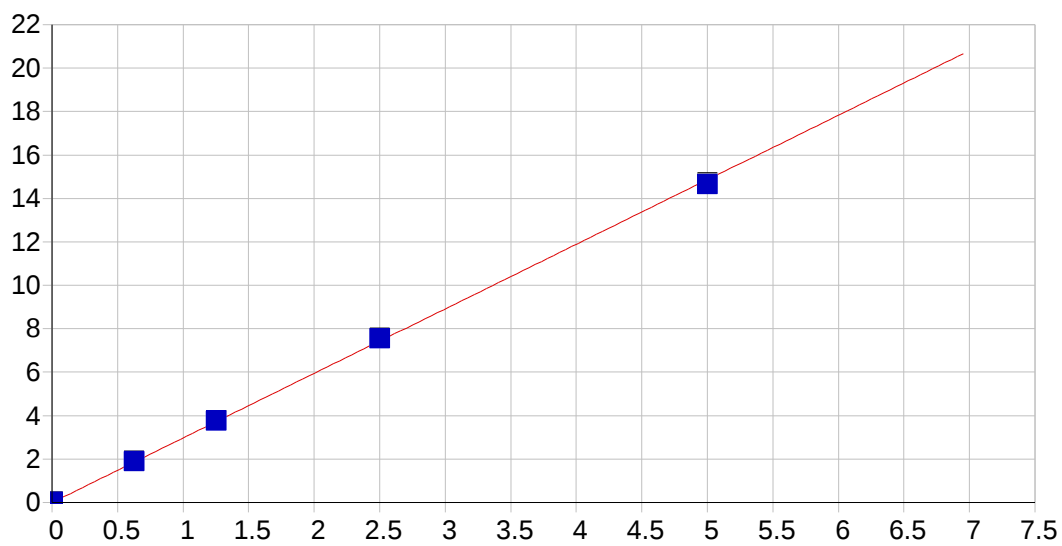


Be 234.861 {144}

Date of Fit: 10/23/2018 12:01:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003825 Re-Slope: 1.000000
 A1 (Gain): 10.196704 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999634 Status: OK.
 Std Error of Est: 0.001030
 Predicted MDL: 0.000061
 Predicted MQL: 0.000203

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00383	.001	1
S1	.00500	.00492	.000	-1.61	.04629	.001	1
S2	.12500	.12875	.004	3.00	1.3035	.015	1
S3	.25000	.26008	.010	4.03	2.6369	.028	1
S4	.50000	.51088	.011	2.18	5.1831	.025	1
S5	1.0000	.97537	-.025	-2.46	9.8972	.054	1

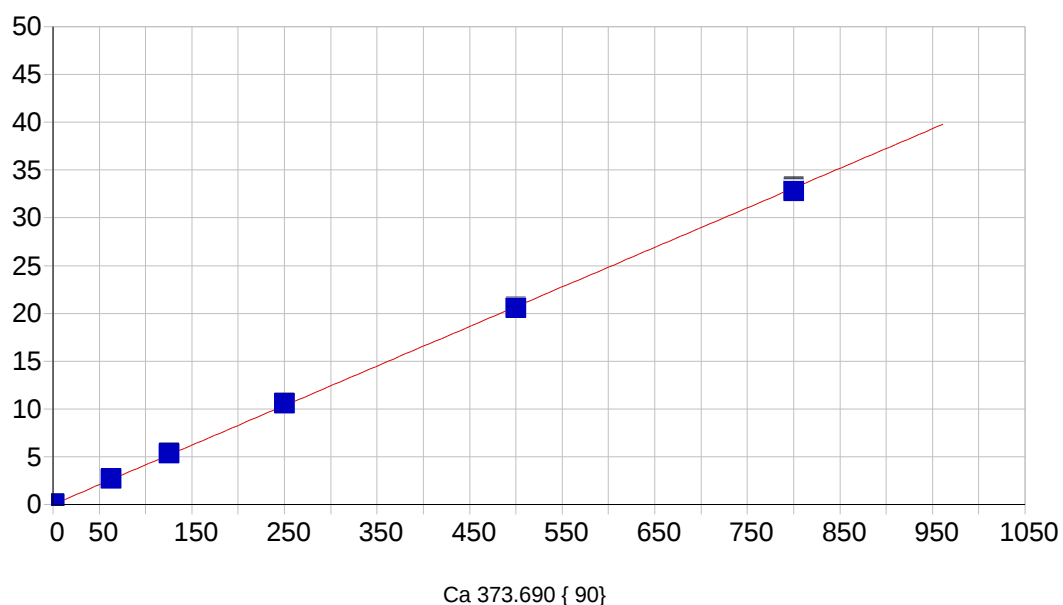


Cd 214.438 {457}

Date of Fit: 10/23/2018 12:01:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000607 Re-Slope: 1.000000
 A1 (Gain): 2.971927 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999889 Status: OK.
 Std Error of Est: 0.000372
 Predicted MDL: 0.000075
 Predicted MQL: 0.000251

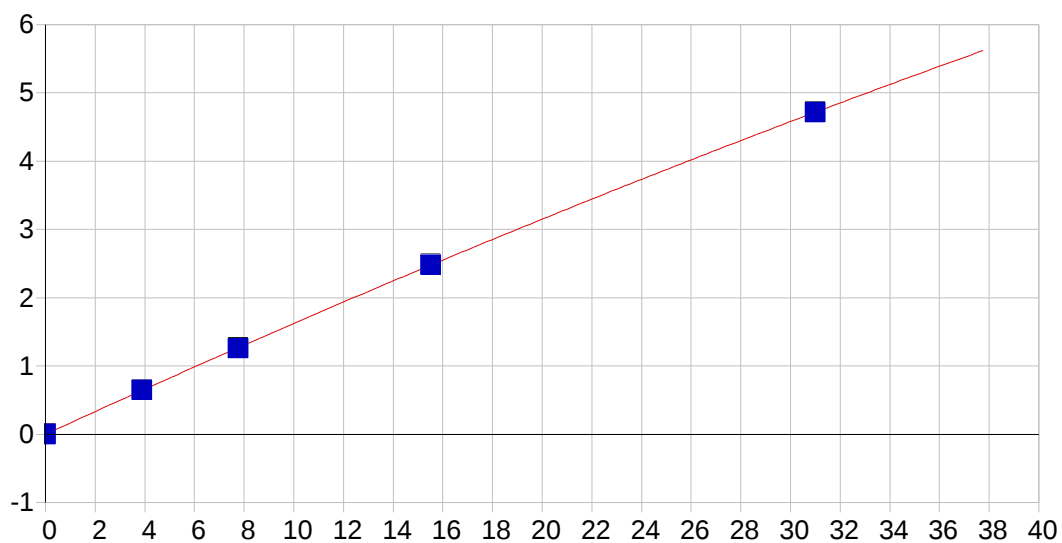
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00061	.000	1
S1	.00500	.00497	.000	-.685	.01537	.000	1
S2	.62500	.64045	.015	2.47	1.9078	.005	1
S3	1.2500	1.2637	.014	1.10	3.7640	.007	1
S4	2.5000	2.5394	.039	1.58	7.5627	.013	1
S5	5.0000	4.9315	-.069	-1.37	14.687	.042	1



Date of Fit: 10/23/2018 12:01:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003578 Re-Slope: 1.000000
 A1 (Gain): 0.041386 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999872 Status: OK.
 Std Error of Est: 0.001038
 Predicted MDL: 0.022113
 Predicted MQL: 0.073711

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00012	.000	.000	.00357	.001	1
S1	1.0000	1.0436	.044	4.36	.04679	.001	1
S2	62.500	65.215	2.72	4.34	2.7117	.008	1
S3	125.00	129.12	4.12	3.30	5.3658	.015	1
S4	250.00	254.75	4.75	1.90	10.583	.010	1
S5	500.00	495.81	-4.19	-.839	20.596	.046	1
S6	800.00	792.58	-7.42	-.927	33.002	.265	1

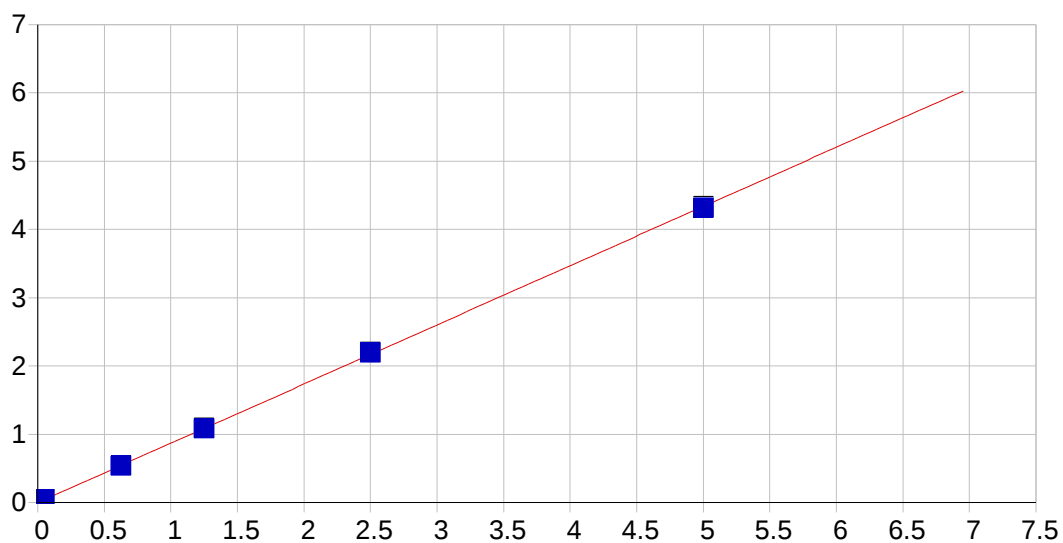


Cr 267.716 {126}

Date of Fit: 10/23/2018 12:01:11 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000060 Re-Slope: 1.000000
 A1 (Gain): 0.167370 Y-int: 0.000000
 A2 (Curvature): -0.000490
 n (Exponent): 1.000000
 Correlation: 0.999995 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.000514
 Predicted MQL: 0.001712

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00006	.000	1
S1	.01000	.01087	.001	8.65	.00176	.000	1
S2	3.8750	3.8915	.017	.426	.64499	.003	1
S3	7.7500	7.6997	-.050	-.649	1.2619	.003	1
S4	15.500	15.546	.046	.298	2.4881	.007	1
S5	31.000	30.987	-.013	-.043	4.7250	.007	1

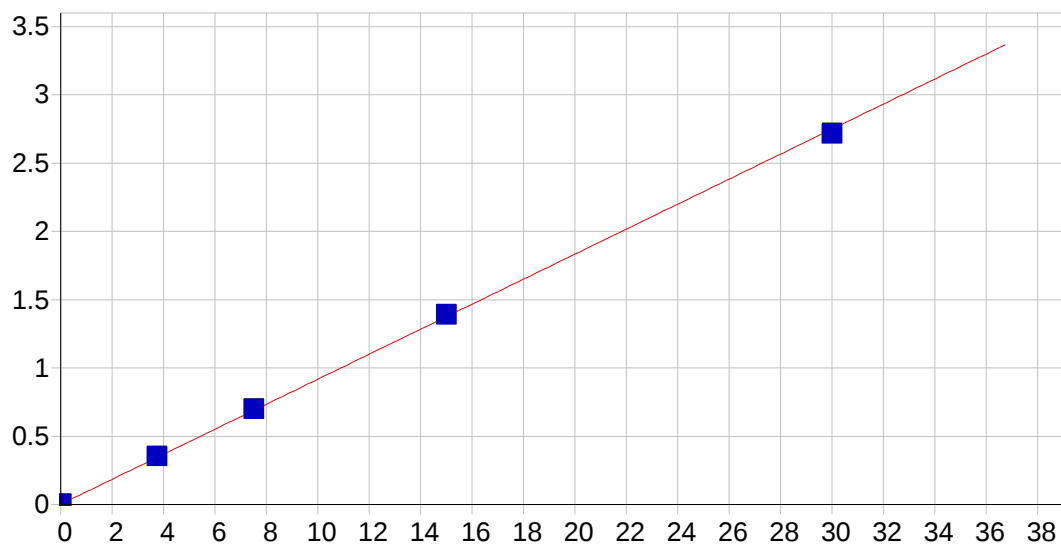


Co 228.616 {448}

Date of Fit: 10/23/2018 12:01:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000106 Re-Slope: 1.000000
 A1 (Gain): 0.867292 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961 Status: OK.
 Std Error of Est: 0.000203
 Predicted MDL: 0.000254
 Predicted MQL: 0.000847

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00011	.000	1
S1	.05000	.04745	-.003	-5.11	.04142	.000	1
S2	.62500	.62076	-.004	-.679	.53956	.001	1
S3	1.2500	1.2525	.002	.198	1.0885	.002	1
S4	2.5000	2.5321	.032	1.28	2.2004	.005	1
S5	5.0000	4.9723	-.028	-.554	4.3211	.018	1

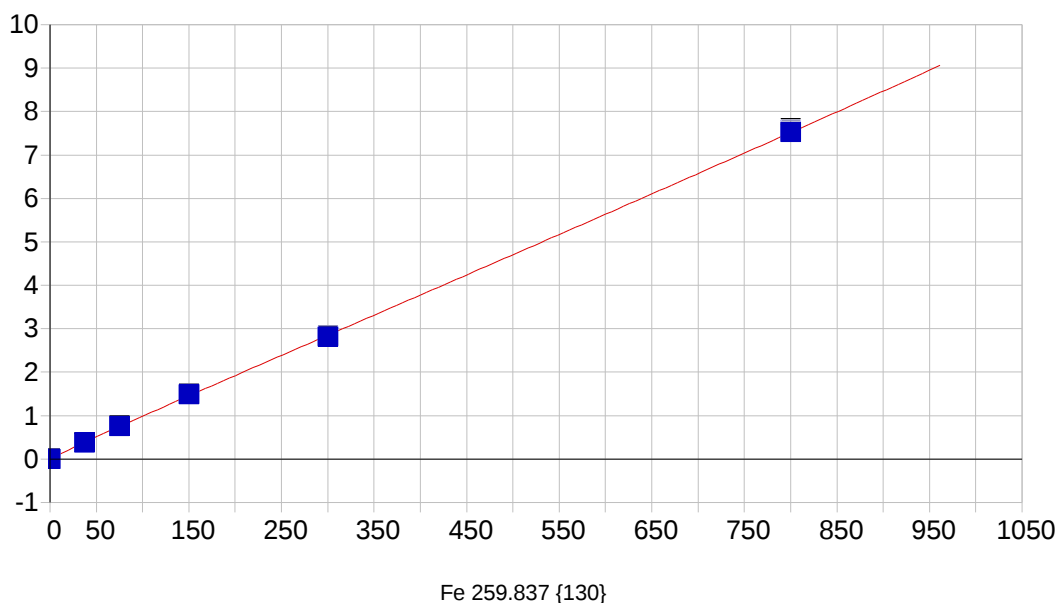


Cu 324.754 {104}

Date of Fit: 10/23/2018 12:01:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001139 Re-Slope: 1.000000
 A1 (Gain): 0.091613 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999888 Status: OK.
 Std Error of Est: 0.000063
 Predicted MDL: 0.005527
 Predicted MQL: 0.018423

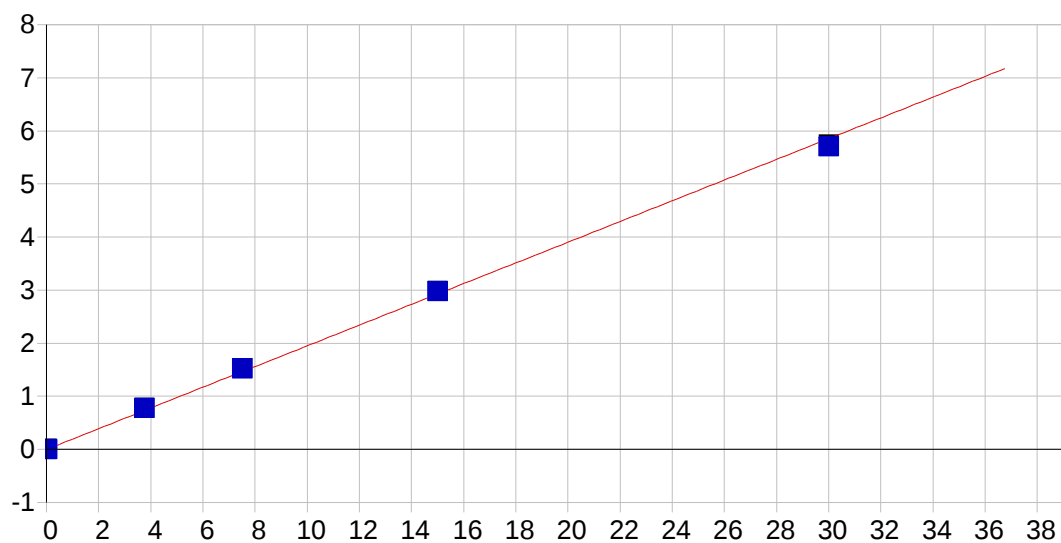
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00114	.000	1
S1	.02500	.03209	.007	28.4	.00407	.000	1
S2	3.7500	3.8316	.082	2.17	.35195	.001	1
S3	7.5000	7.6288	.129	1.72	.69961	.001	1
S4	15.000	15.162	.162	1.08	1.3893	.002	1
S5	30.000	29.620	-.380	-1.27	2.7130	.007	1



Date of Fit: 10/23/2018 12:01:11 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000031 Re-Slope: 1.000000
 A1 (Gain): 0.012312 Y-int: 0.000000
 A2 (Curvature): 0.000001
 n (Exponent): 0.950000
 Correlation: 0.999948 Status: Warning Positive Curvature
 Std Error of Est: 0.000055
 Predicted MDL: 0.020752
 Predicted MQL: 0.069175

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.10000	.09904	-.001	-.963	.00141	.000	1
S2	37.500	36.485	-1.02	-2.71	.37908	.003	1
S3	75.000	75.367	.367	.490	.75778	.006	1
S4	150.00	153.43	3.43	2.28	1.4988	.007	1
S5	300.00	296.57	-3.43	-1.14	2.8375	.006	1
S6	800.00	800.66	.661	.083	7.5690	.045	1

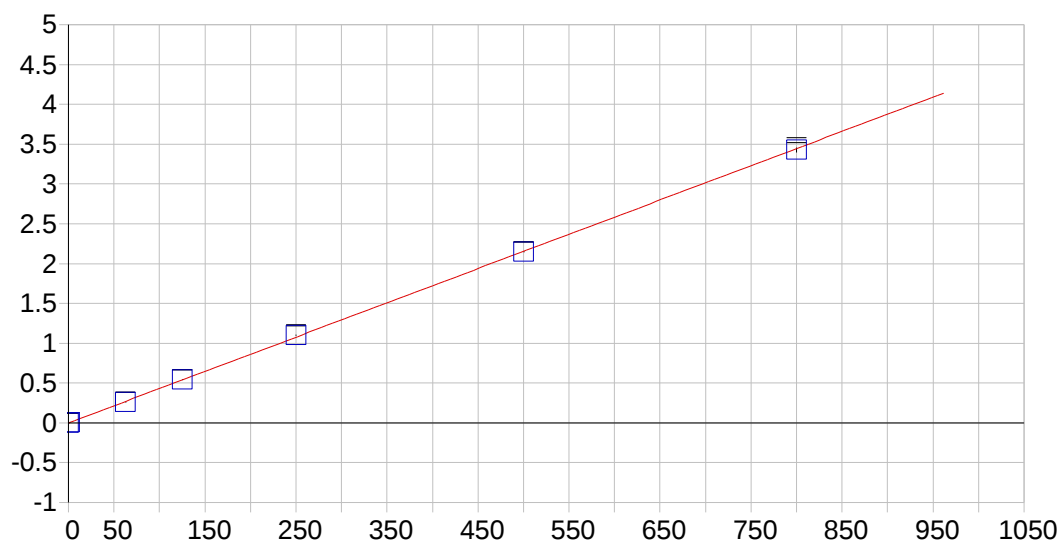


Mn 257.610 {131}

Date of Fit: 10/23/2018 12:01:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000073 Re-Slope: 1.000000
 A1 (Gain): 0.195126 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999592 Status: OK.
 Std Error of Est: 0.000198
 Predicted MDL: 0.001393
 Predicted MQL: 0.004645

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00007	.000	1
S1	.01500	.01684	.002	12.3	.00336	.000	1
S2	3.7500	3.9581	.208	5.55	.77256	.002	1
S3	7.5000	7.7905	.291	3.87	1.5205	.003	1
S4	15.000	15.250	.250	1.67	2.9765	.002	1
S5	30.000	29.249	-.751	-2.50	5.7087	.024	1

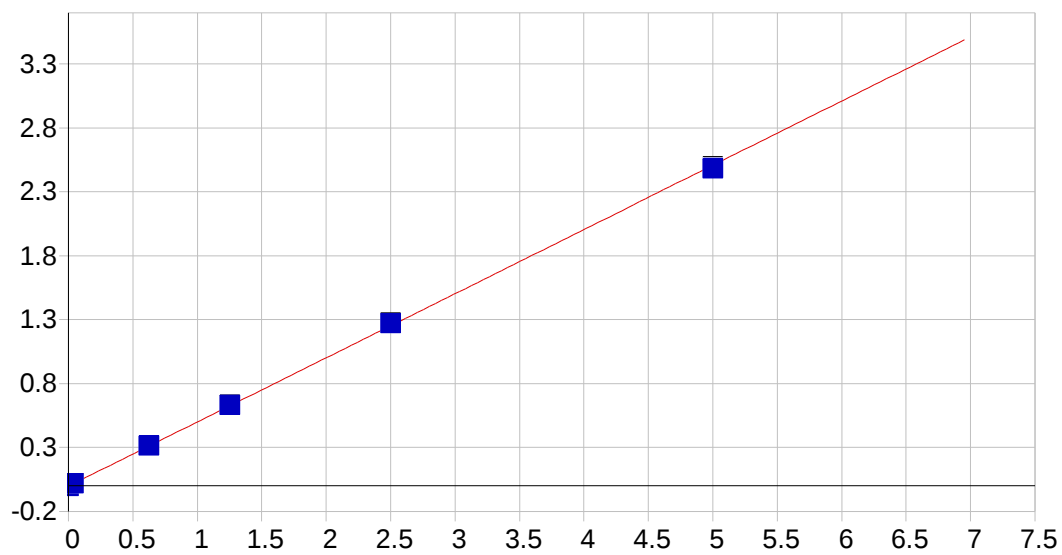


Mg 279.079 {121}

Date of Fit: 10/23/2018 12:01:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000244 Re-Slope: 1.000000
 A1 (Gain): 0.004306 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999941 Status: OK.
 Std Error of Est: 0.000073
 Predicted MDL: 0.071552
 Predicted MQL: 0.238505

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00024	.000	1
S1	1.0000	.98708	-.013	-1.29	.00401	.000	1
S2	62.500	60.944	-1.56	-2.49	.26218	.001	1
S3	125.00	126.01	1.01	.811	.54237	.003	1
S4	250.00	255.79	5.79	2.32	1.1012	.005	1
S5	500.00	498.95	-1.05	-.209	2.1482	.003	1
S6	800.00	795.81	-4.19	-.523	3.4265	.029	1

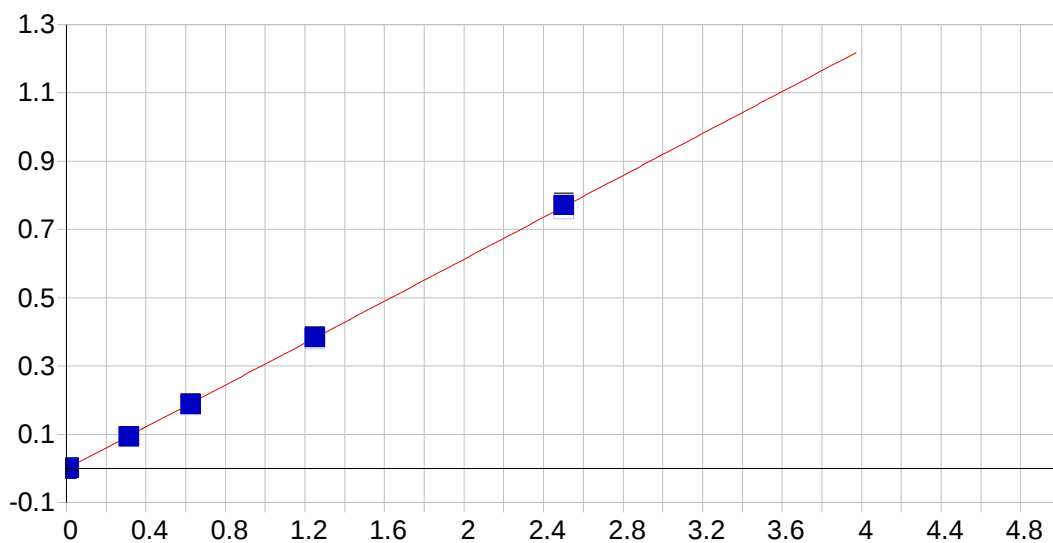


Ni 231.604 {446}

Date of Fit: 10/23/2018 12:01:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001495 Re-Slope: 1.000000
 A1 (Gain): 0.501801 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999944 Status: OK.
 Std Error of Est: 0.000126
 Predicted MDL: 0.000449
 Predicted MQL: 0.001496

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00149	.000	1
S1	.04000	.03983	.000	-.422	.01850	.000	1
S2	.62500	.62761	.003	.418	.31409	.001	1
S3	1.2500	1.2611	.011	.886	.63260	.002	1
S4	2.5000	2.5348	.035	1.39	1.2730	.002	1
S5	5.0000	4.9517	-.048	-.966	2.4884	.008	1

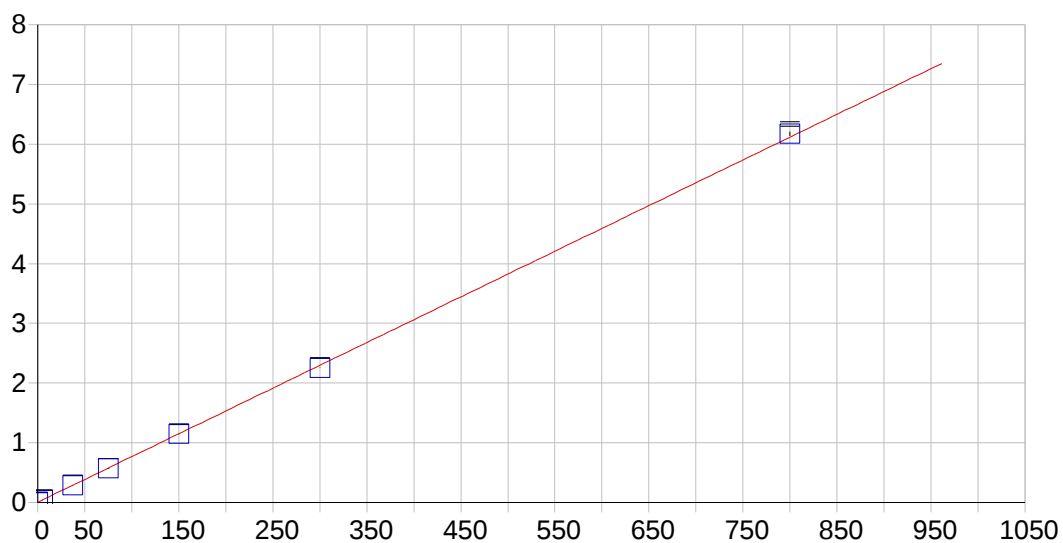


Ag 328.068 {103}

Date of Fit: 10/23/2018 12:01:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001318 Re-Slope: 1.000000
 A1 (Gain): 0.306979 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999945 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.000462
 Predicted MQL: 0.001541

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00132	.000	1
S1	.01000	.00972	.000	-2.84	.00164	.000	1
S2	.31250	.30479	-.008	-2.47	.09079	.000	1
S3	.62500	.61383	-.011	-1.79	.18419	.002	1
S4	1.2500	1.2543	.004	.347	.37789	.002	1
S5	2.5000	2.5148	.015	.593	.75900	.007	1

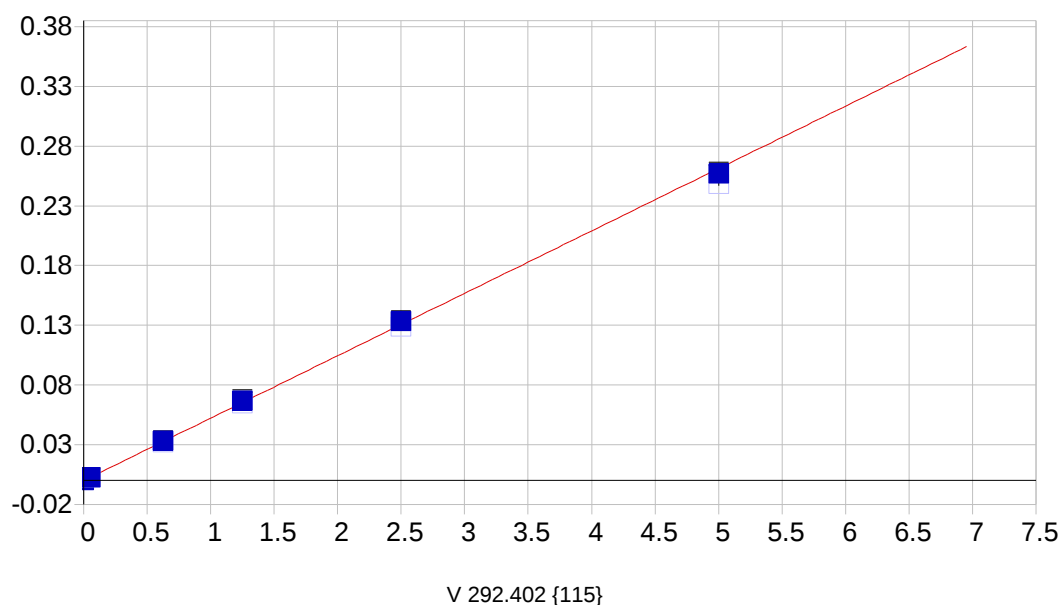


Na 818.326 { 41}

Date of Fit: 10/23/2018 12:01:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003873 Re-Slope: 1.000000
 A1 (Gain): 0.007642 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929 Status: OK.
 Std Error of Est: 0.000282
 Predicted MDL: 0.328783
 Predicted MQL: 1.095942

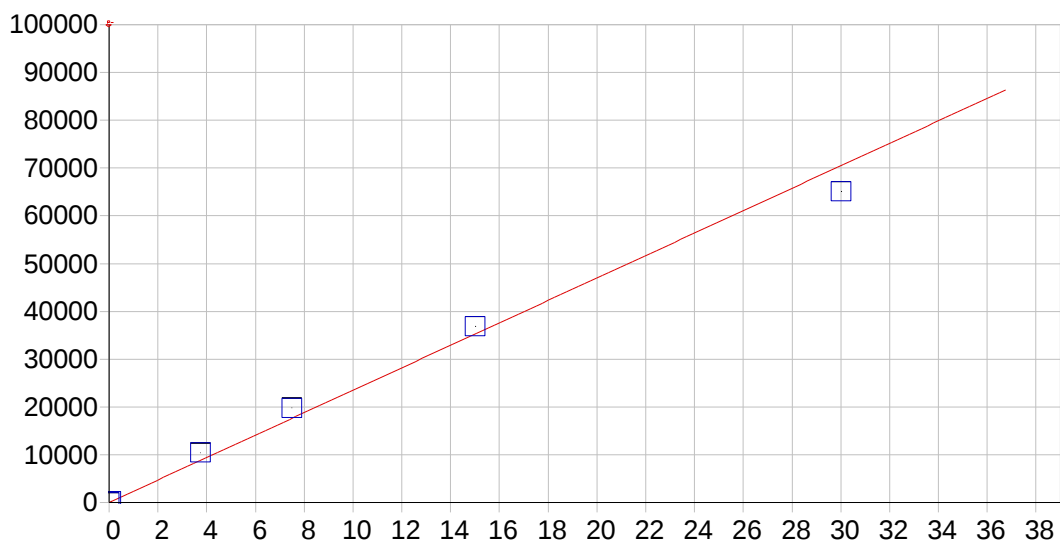
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00036	.000	.000	.00388	.002	1
S1	5.0000	4.7995	-.201	-4.01	.04055	.002	1
S2	37.500	37.179	-.321	-.855	.28799	.003	1
S3	75.000	74.179	-.821	-1.10	.57073	.001	1
S4	150.00	149.47	-.532	-.354	1.1461	.005	1
S5	300.00	294.42	-5.58	-1.86	2.2538	.003	1
S6	800.00	807.45	7.45	.932	6.1743	.035	1



Date of Fit: 10/23/2018 12:01:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000004 Re-Slope: 1.000000
 A1 (Gain): 0.052243 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999792 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.007291
 Predicted MQL: 0.024304

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.05000	.04508	-.005	-9.85	.00235	.000	1
S2	.62500	.63461	.010	1.54	.03208	.000	1
S3	1.2500	1.2790	.029	2.32	.06467	.001	1
S4	2.5000	2.5496	.050	1.98	.12889	.000	1
S5	5.0000	4.9169	-.083	-1.66	.24826	.001	1

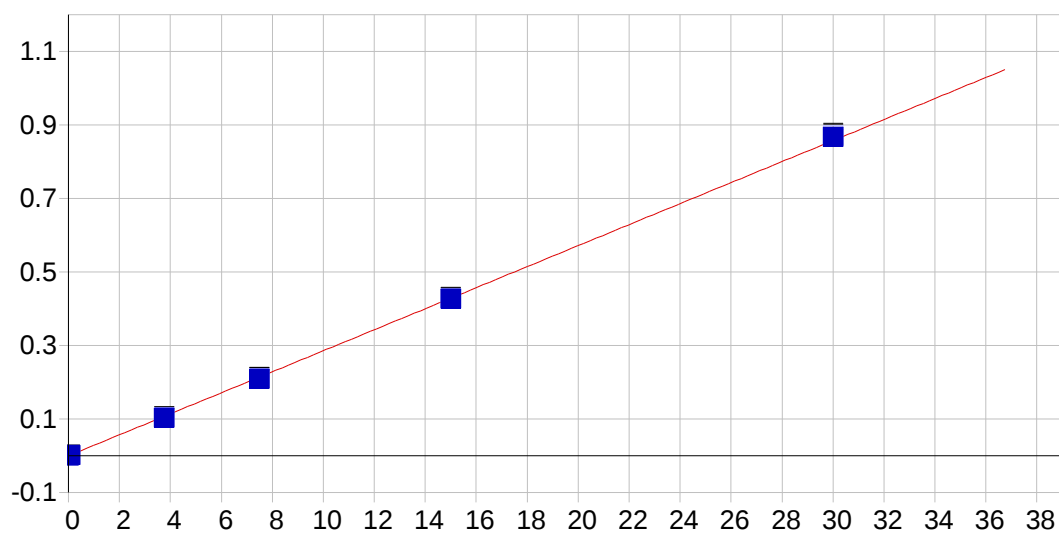


Zn 206.200 {464}

Date of Fit: 10/23/2018 12:01:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 10.523987 Re-Slope: 1.000000
 A1 (Gain): 2349.060917 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.996085 Status: OK.
 Std Error of Est: 14.834008
 Predicted MDL: 0.000277
 Predicted MQL: 0.000923

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	10.449	.156	1
S1	.06000	.07542	.015	25.7	187.69	1.14	1
S2	3.7500	4.4242	.674	18.0	10403.	34.7	1
S3	7.5000	8.4254	.925	12.3	19802.	30.4	1
S4	15.000	15.671	.671	4.47	36822.	25.5	1
S5	30.000	27.714	-2.29	-7.62	65113.	38.4	1

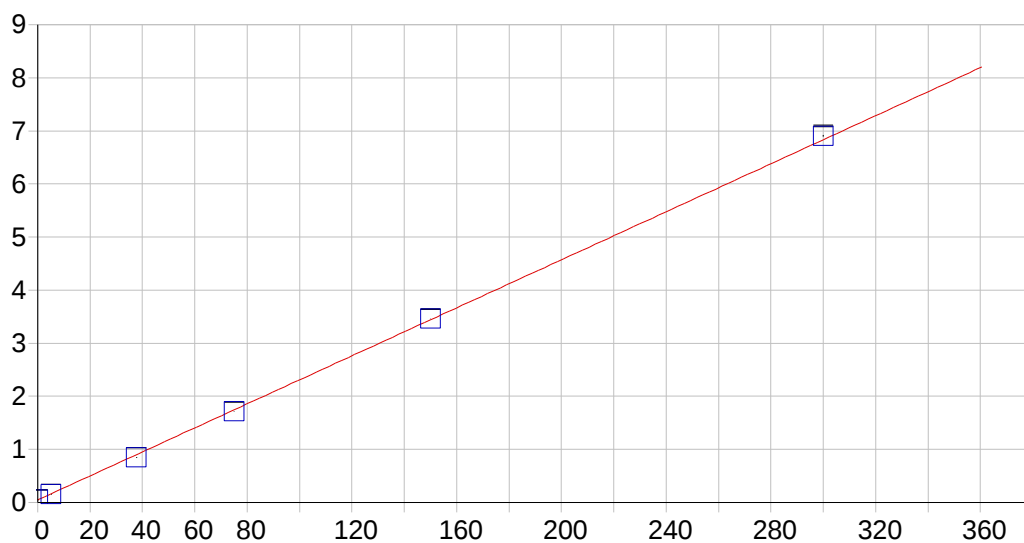


Zn 213.856 {158}

Date of Fit: 10/23/2018 12:01:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000330 Re-Slope: 1.000000
 A1 (Gain): 0.028594 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999887 Status: OK.
 Std Error of Est: 0.000031
 Predicted MDL: 0.013251
 Predicted MQL: 0.044171

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00033	.000	1
S1	.06000	.05168	-.008	-13.9	.00115	.000	1
S2	3.7500	3.6234	-.127	-3.38	.10378	.002	1
S3	7.5000	7.3440	-.156	-2.08	.21068	.003	1
S4	15.000	14.945	-.055	-.369	.42902	.002	1
S5	30.000	30.346	.346	1.15	.87144	.006	1

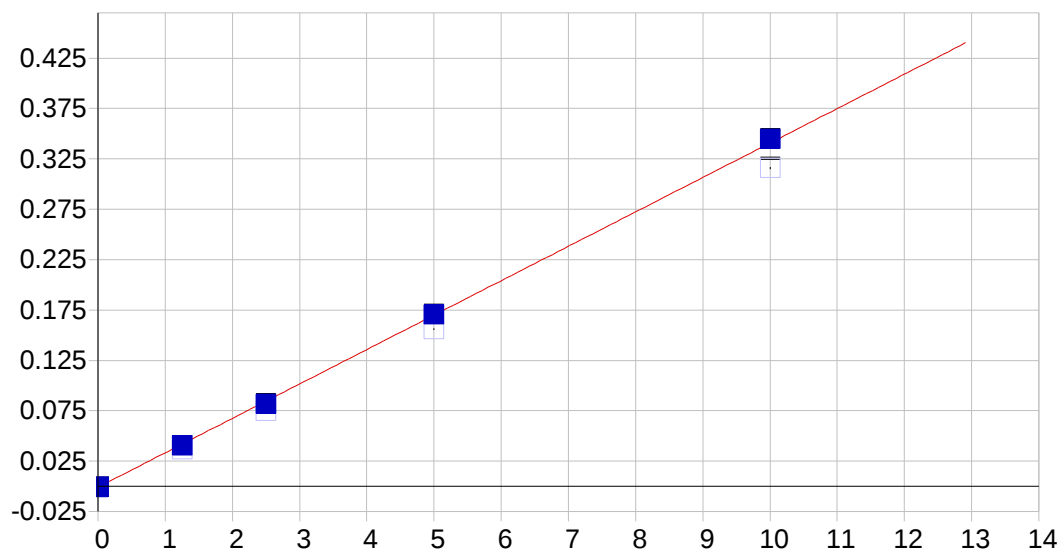


K 769.896 { 44}

Date of Fit: 10/23/2018 12:01:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.049251 Re-Slope: 1.000000
 A1 (Gain): 0.022612 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999809 Status: OK.
 Std Error of Est: 0.000912
 Predicted MDL: 0.086154
 Predicted MQL: 0.287179

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00067	.001	.000	.04927	.001	1
S1	5.0000	4.6393	-.361	-7.21	.15415	.001	1
S2	37.500	35.371	-2.13	-5.68	.84907	.003	1
S3	75.000	73.480	-1.52	-2.03	1.7108	.003	1
S4	150.00	150.72	.721	.481	3.4574	.008	1
S5	300.00	303.29	3.29	1.10	6.9072	.012	1

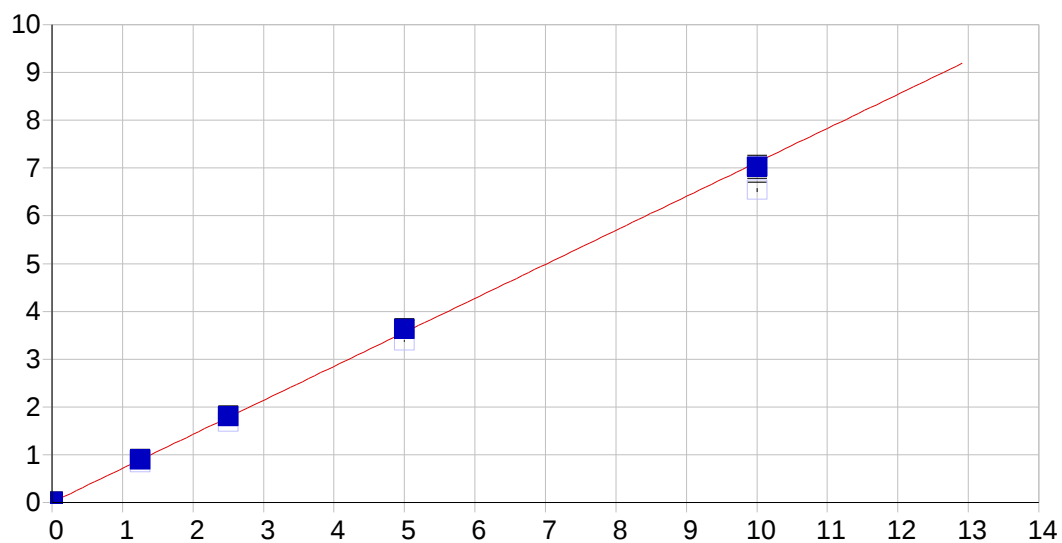


P 177.495 {490}

Date of Fit: 10/23/2018 12:01:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000924 Re-Slope: 1.000000
 A1 (Gain): 0.034170 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999832 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.002702
 Predicted MQL: 0.009006

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00092	.000	1
S1	.01000	.00801	-.002	-19.9	-.00067	.000	1
S2	1.2500	1.2077	-.042	-3.38	.03676	.000	1
S3	2.5000	2.4252	-.075	-2.99	.07477	.000	1
S4	5.0000	5.0089	.009	.177	.15588	.001	1
S5	10.000	10.110	.110	1.10	.31585	.001	1

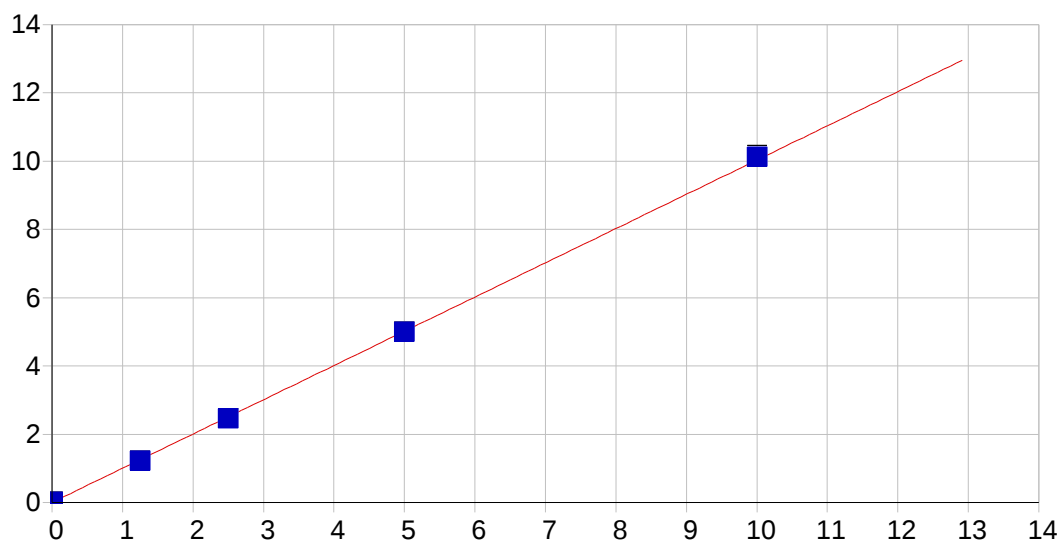


B 249.678 {135}

Date of Fit: 10/23/2018 12:01:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003388 Re-Slope: 1.000000
 A1 (Gain): 0.711470 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999881 Status: OK.
 Std Error of Est: 0.000171
 Predicted MDL: 0.000988
 Predicted MQL: 0.003293

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00339	.000	1
S1	.01000	.00962	.000	-3.80	.01011	.001	1
S2	1.2500	1.2558	.006	.467	.83605	.009	1
S3	2.5000	2.5340	.034	1.36	1.6846	.009	1
S4	5.0000	5.0911	.091	1.82	3.3822	.019	1
S5	10.000	9.8694	-.131	-1.31	6.5385	.035	1

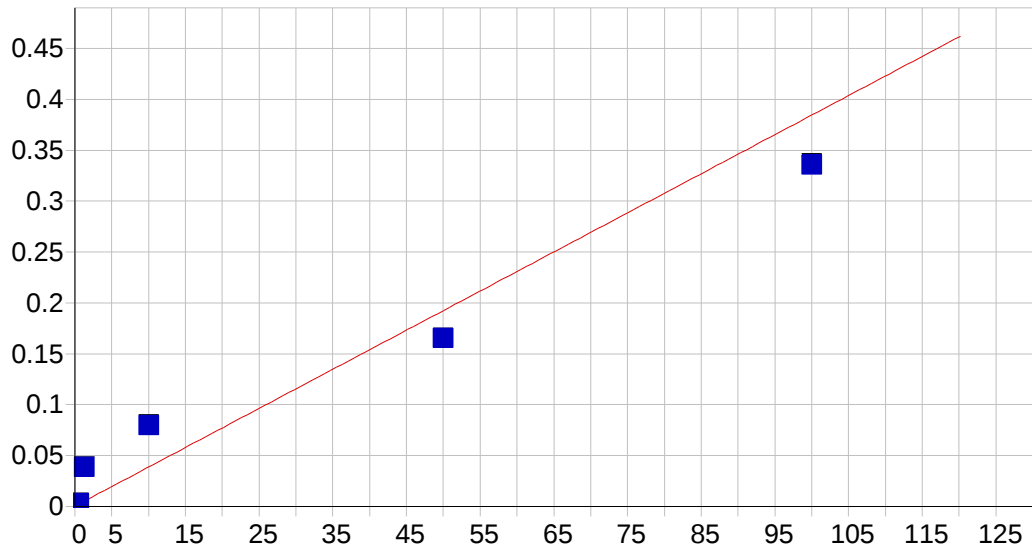


Mo 202.030 {467}

Date of Fit: 10/23/2018 12:01:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000839 Re-Slope: 1.000000
 A1 (Gain): 1.003159 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999923 Status: OK.
 Std Error of Est: 0.000208
 Predicted MDL: 0.000246
 Predicted MQL: 0.000819

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00084	.000	1
S1	.01000	.00910	-.001	-8.99	.00996	.000	1
S2	1.2500	1.2186	-.031	-2.51	1.2233	.001	1
S3	2.5000	2.4513	-.049	-1.95	2.4597	.002	1
S4	5.0000	4.9813	-.019	-.374	4.9977	.000	1
S5	10.000	10.100	.100	.997	10.132	.038	1

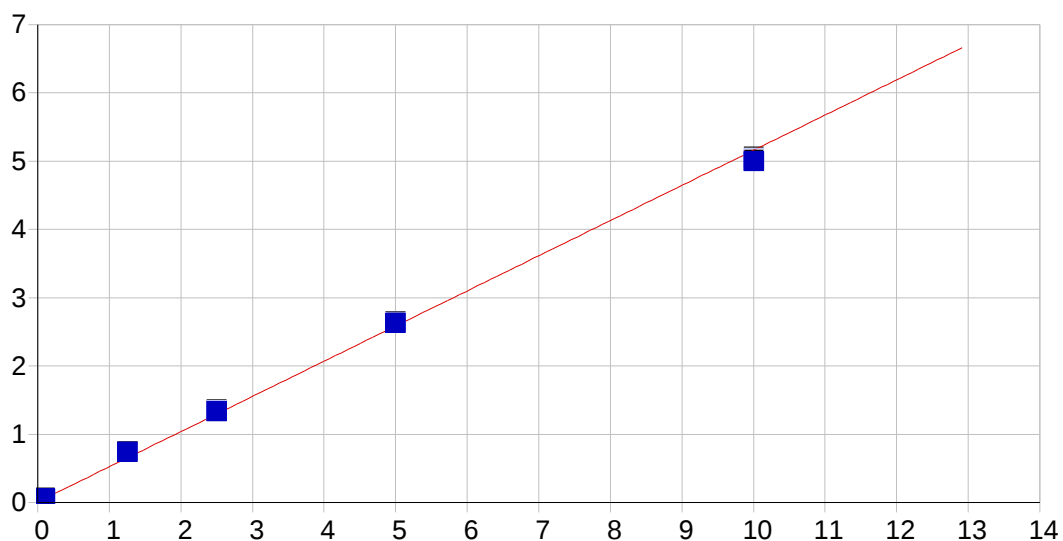


S 182.034 {485}

Date of Fit: 10/23/2018 12:01:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000379 Re-Slope: 1.000000
 A1 (Gain): 0.003842 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.823924 Status: OK.
 Std Error of Est: 0.000920
 Predicted MDL: 0.030957
 Predicted MQL: 0.103188

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00418	-.004	.000	.00036	.000	1
S1	.50000	.75148	.251	50.3	.00327	.000	1
S2	1.2500	10.072	8.82	706.	.03908	.000	1
S3	10.000	20.713	10.7	107.	.07996	.000	1
S4	50.000	42.930	-7.07	-14.1	.16533	.000	1
S5	100.00	87.281	-12.7	-12.7	.33574	.001	1

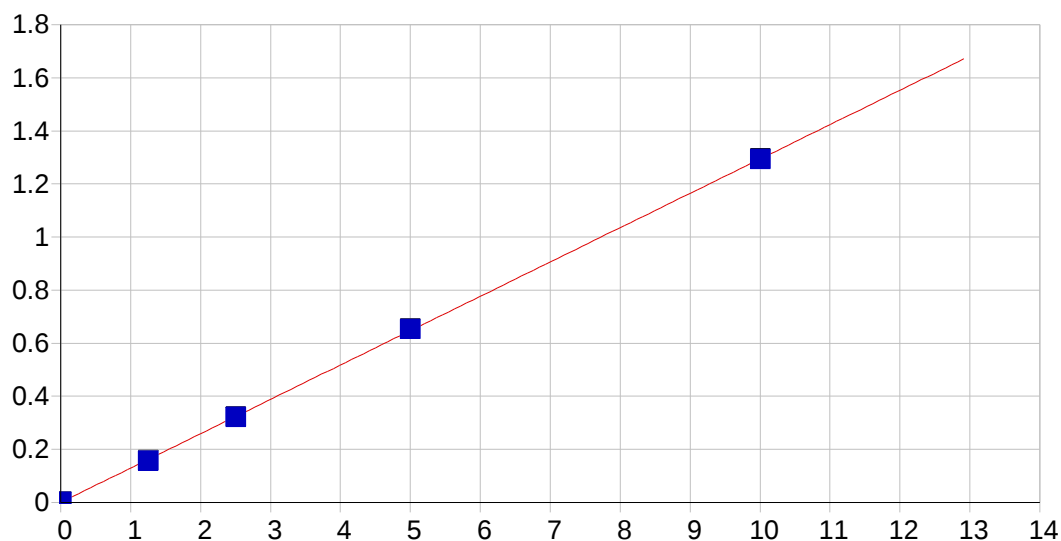


Si 251.611 {134}

Date of Fit: 10/23/2018 12:01:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008227 Re-Slope: 1.000000
 A1 (Gain): 0.515262 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999066 Status: OK.
 Std Error of Est: 0.001194
 Predicted MDL: 0.001240
 Predicted MQL: 0.004133

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00822	.001	1
S1	.10000	.09843	-.002	-1.57	.05912	.001	1
S2	1.2500	1.4153	.165	13.2	.74274	.008	1
S3	2.5000	2.5762	.076	3.05	1.3462	.013	1
S4	5.0000	5.0814	.081	1.63	2.6476	.005	1
S5	10.000	9.6787	-.321	-3.21	5.0375	.022	1

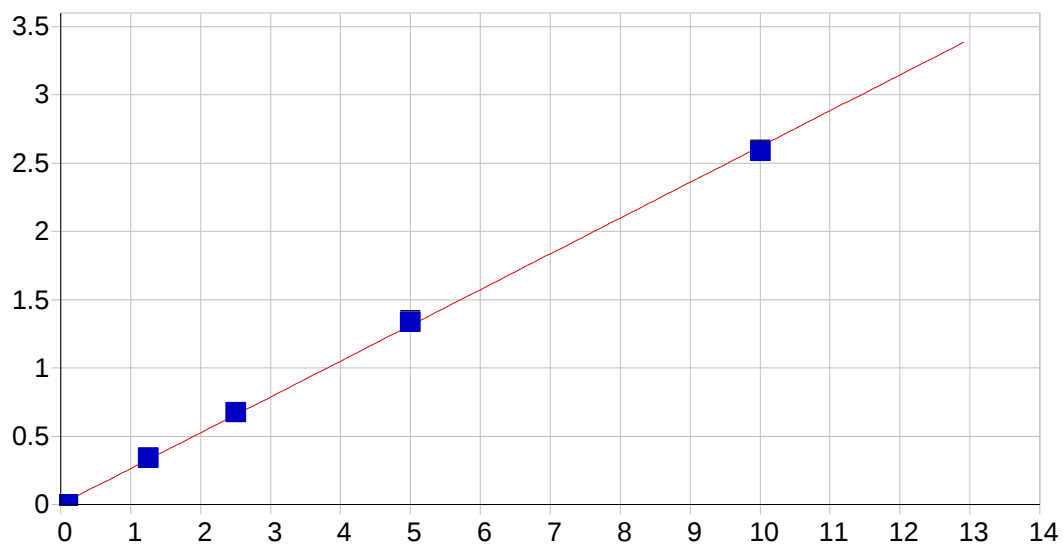


Sn 189.989 {478}

Date of Fit: 10/23/2018 12:01:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000433 Re-Slope: 1.000000
 A1 (Gain): 0.129375 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999956 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.000921
 Predicted MQL: 0.003071

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00043	.000	1
S1	.00700	.00579	-.001	-17.3	.00115	.000	1
S2	1.2500	1.2177	-.032	-2.58	.15762	.001	1
S3	2.5000	2.4824	-.018	-.702	.32089	.001	1
S4	5.0000	5.0483	.048	.966	.65213	.002	1
S5	10.000	10.003	.003	.027	1.2917	.002	1

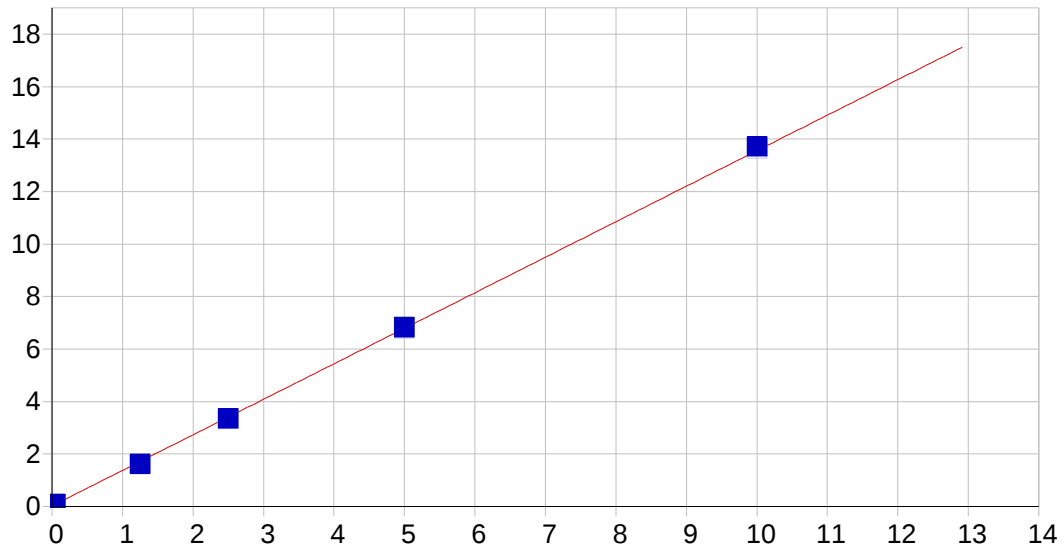


Ti 336.121 {100}

Date of Fit: 10/23/2018 12:01:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001052 Re-Slope: 1.000000
 A1 (Gain): 0.262084 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997156 Status: OK.
 Std Error of Est: 0.001052
 Predicted MDL: 0.002461
 Predicted MQL: 0.008202

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	.00108	.000	1
S1	.10000	.00006	-.100	-99.9	.00106	.000	1
S2	1.2500	1.3010	.051	4.08	.34190	.001	1
S3	2.5000	2.5655	.066	2.62	.67319	.004	1
S4	5.0000	5.1072	.107	2.14	1.3391	.006	1
S5	10.000	9.8762	-.124	-1.24	2.5885	.006	1

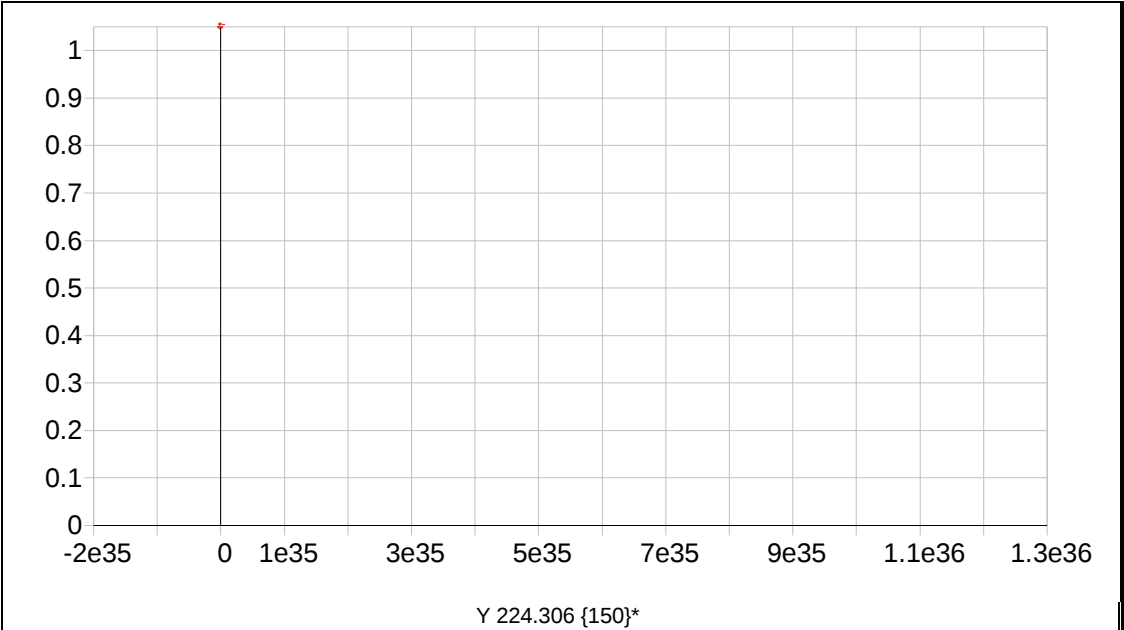


Li 670.784 { 50}

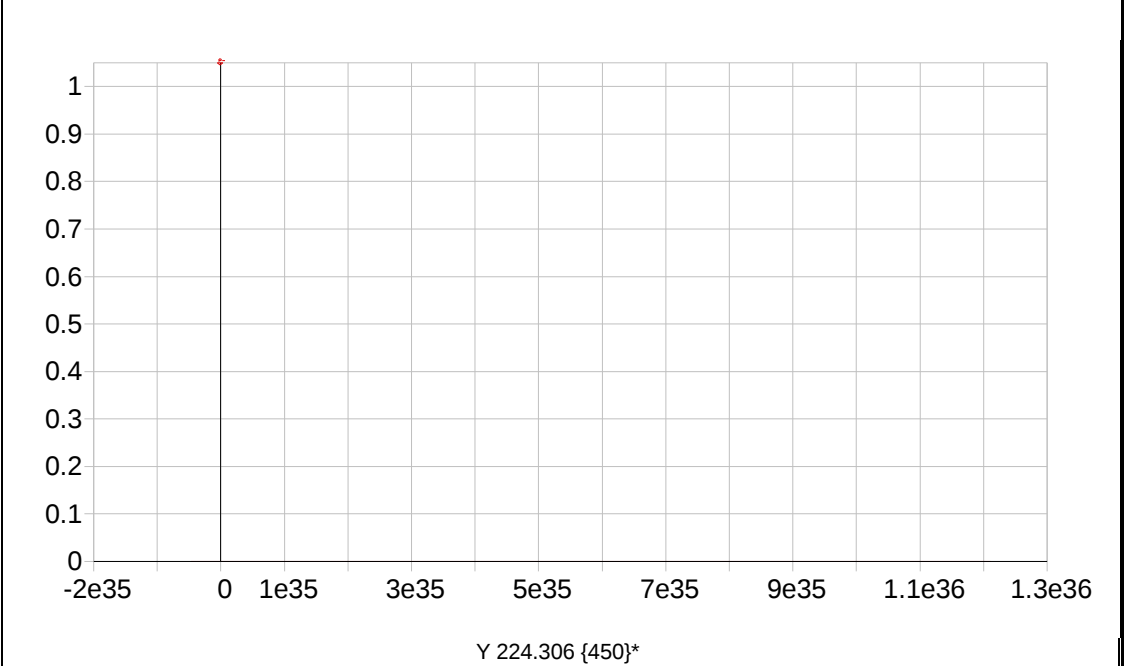
Date of Fit: 10/23/2018 12:01:11 Type of Fit: Linear Weighting: 1/Conc

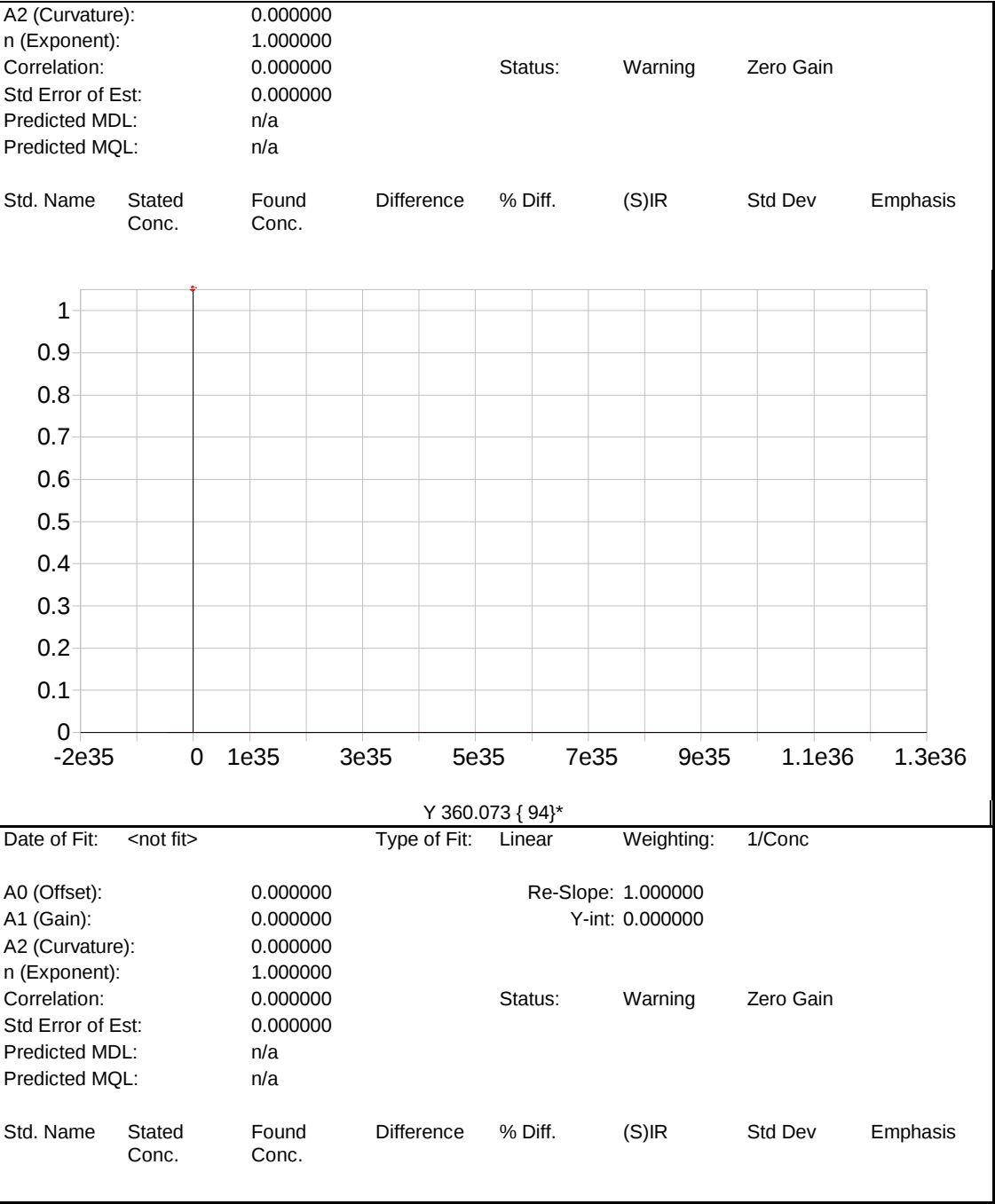
A0 (Offset): 0.023178 Re-Slope: 1.000000
 A1 (Gain): 1.353454 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999774 Status: OK.
 Std Error of Est: 0.001075
 Predicted MDL: 0.001881
 Predicted MQL: 0.006270

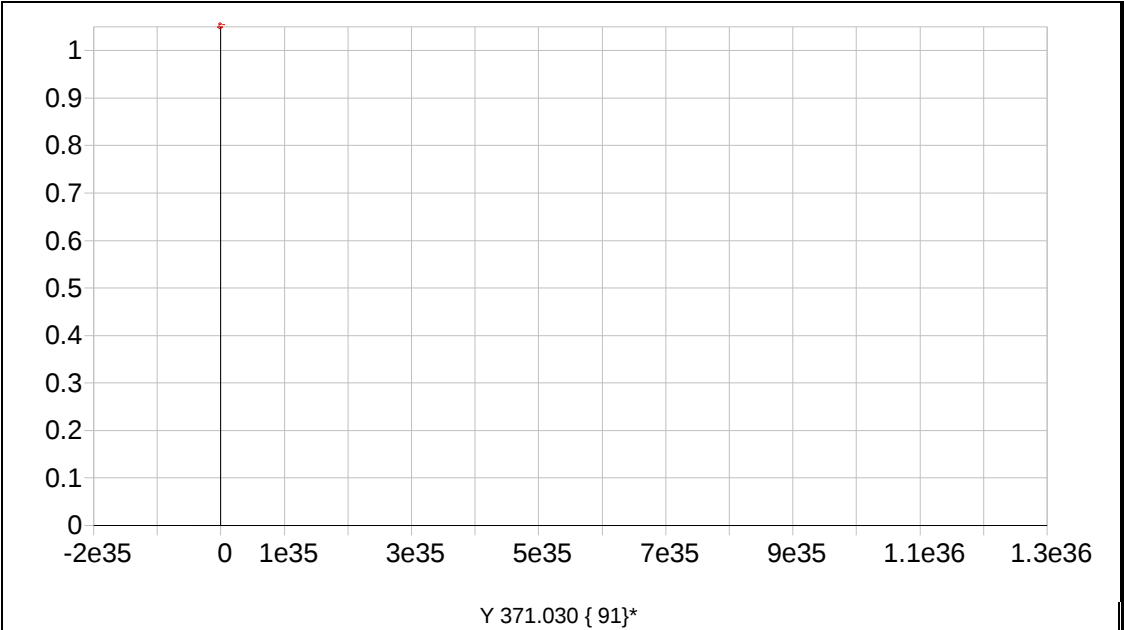
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.02319	.002	1
S5	10.000	10.114	.114	1.14	13.636	.003	1
S4	5.0000	5.0224	.022	.447	6.7827	.016	1
S3	2.5000	2.4491	-.051	-2.03	3.3190	.016	1
S2	1.2500	1.1720	-.078	-6.24	1.5999	.007	1
S1	.05000	.04252	-.007	-15.0	.08060	.000	1



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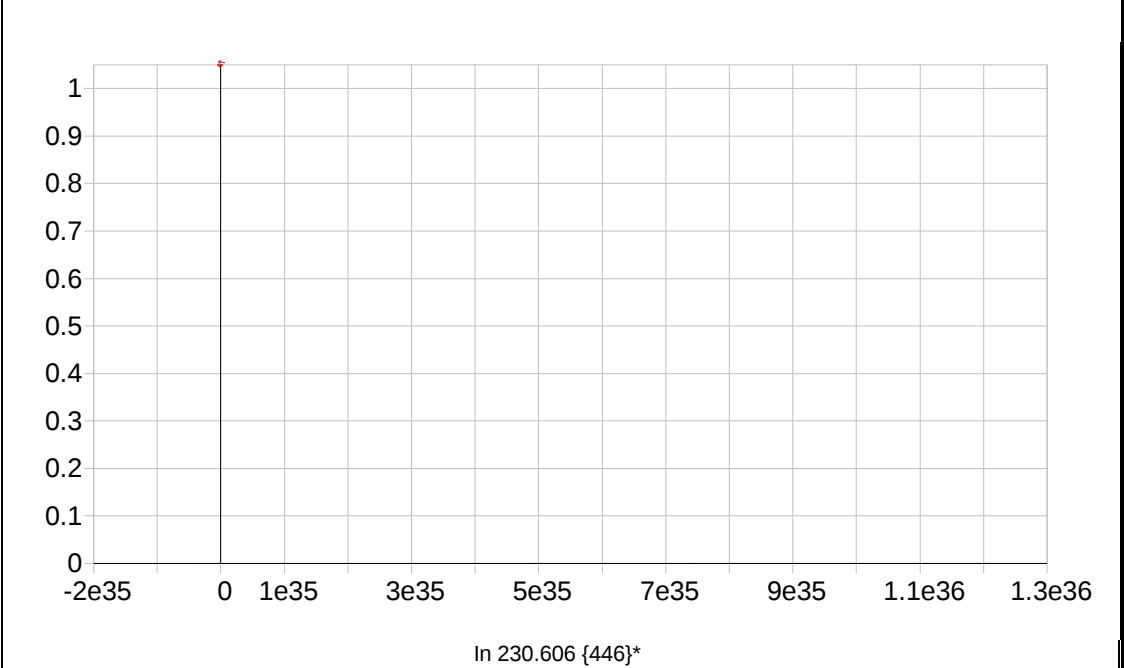




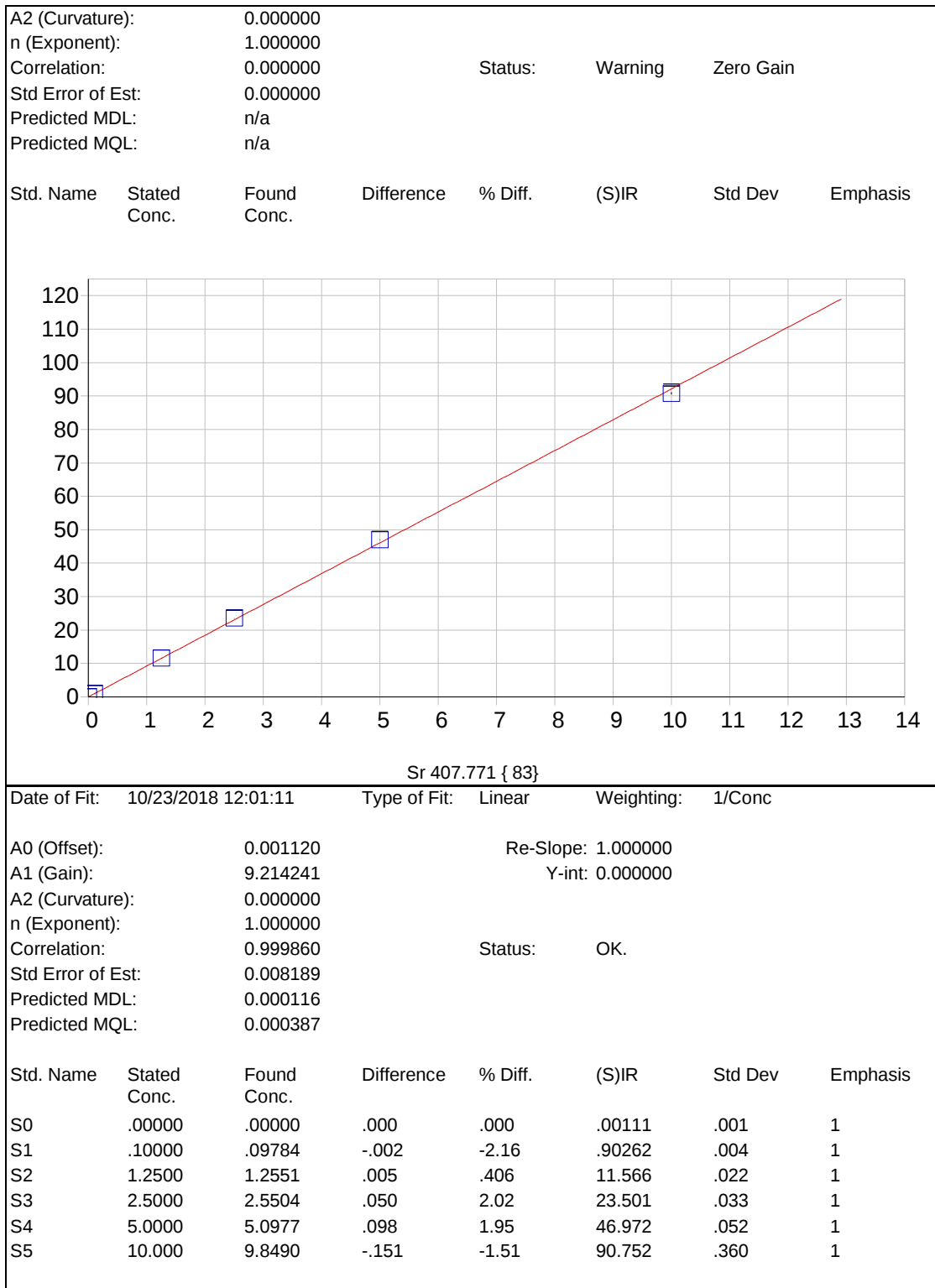


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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



Sample Name: S0 Acquired: 10/23/2018 11:26:30 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) 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	-.00026	-.00051	-.00028	.00060	.00039	.00397	.01036	-.00383
Stddev	.00011	.00009	.00013	.00004	.00029	.00054	.00216	.00056
%RSD	42.319	18.295	46.011	5.9927	75.342	13.624	20.809	14.523

#1	-.00014	-.00040	-.00013	.00056	.00072	.00335	.00800	-.00344
#2	-.00029	-.00056	-.00035	.00061	.00019	.00424	.01085	-.00358
#3	-.00036	-.00056	-.00037	.00062	.00025	.00432	.01223	-.00446

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	.00061	.00357	-.00006	.00011	.00114	.00003	.00007	-.00024
Stddev	.00016	.00122	.00002	.00009	.00033	.00032	.00025	.00003
%RSD	27.118	34.124	30.177	85.528	28.929	1054.7	348.52	10.725

#1	.00044	.00470	-.00004	.00022	.00144	-.00013	.00035	-.00021
#2	.00077	.00374	-.00008	.00005	.00078	.00040	-.00001	-.00026
#3	.00061	.00228	-.00007	.00006	.00120	-.00019	-.00013	-.00026

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	-.00149	-.00132	.00388	.00000	-.00033	.04927	-.00092	.00339
Stddev	.00004	.00007	.00188	.00011	.00014	.00099	.00010	.00023
%RSD	2.6461	5.3057	48.414	2910.3	42.861	2.0099	10.710	6.8933

#1	-.00146	-.00140	.00342	-.00001	-.00025	.04846	-.00097	.00365
#2	-.00153	-.00127	.00227	.00011	-.00049	.04896	-.00081	.00331
#3	-.00150	-.00129	.00594	-.00010	-.00025	.05037	-.00099	.00320

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	.00084	.00036	.00822	.00043	.00108	.02319	.00111	
Stddev	.00041	.00003	.00051	.00006	.00049	.00171	.00052	
%RSD	48.438	9.1772	6.1592	14.453	45.541	7.3744	46.384	

#1	.00119	.00036	.00775	.00046	.00111	.02124	.00054	
#2	.00095	.00040	.00816	.00036	.00057	.02442	.00124	
#3	.00039	.00033	.00876	.00048	.00155	.02392	.00155	

Sample Name: S0 Acquired: 10/23/2018 11:26:30 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) 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	2234.7	2704.8	47460.	4574.0	3892.0
Stddev	3.5	6.1	183.	16.3	8.1
%RSD	.15829	.22631	.38528	.35632	.20727
#1	2234.3	2702.6	47667.	4555.5	3887.5
#2	2231.5	2711.8	47319.	4580.8	3901.3
#3	2238.5	2700.2	47395.	4585.9	3887.1

Sample Name: S1 Acquired: 10/23/2018 11:30:37 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) 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	-.00001	.00092	.00189	.00387	.00914	.01827	.54587	.04629
Stddev	.00012	.00006	.00039	.00013	.00022	.00063	.00337	.00128
%RSD	954.40	6.2308	20.870	3.2852	2.4583	3.4659	.61681	2.7601

#1	.00012	.00086	.00164	.00392	.00906	.01817	.54216	.04653
#2	-.00006	.00093	.00169	.00373	.00897	.01894	.54872	.04744
#3	-.00010	.00098	.00235	.00397	.00940	.01769	.54674	.04492

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	.01537	.04679	.00176	.04142	.00407	.00141	.00336	.00401
Stddev	.00005	.00065	.00004	.00018	.00027	.00020	.00006	.00026
%RSD	.30663	1.3874	2.3020	.44481	6.6769	14.250	1.8086	6.3679

#1	.01541	.04607	.00181	.04124	.00382	.00134	.00333	.00429
#2	.01532	.04698	.00175	.04139	.00404	.00126	.00343	.00380
#3	.01540	.04733	.00173	.04161	.00436	.00164	.00332	.00393

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	.01850	.00164	.04055	.00235	.00115	.15415	-.00067	.01011
Stddev	.00021	.00015	.00244	.00030	.00030	.00130	.00005	.00074
%RSD	1.1135	9.1049	6.0269	12.754	26.151	.84181	7.0416	7.3511

#1	.01832	.00180	.03777	.00257	.00110	.15270	-.00072	.00955
#2	.01846	.00150	.04238	.00201	.00089	.15458	-.00066	.00983
#3	.01873	.00163	.04150	.00249	.00148	.15519	-.00063	.01096

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	.00996	.00327	.05912	.00115	.00106	.08060	.90262	
Stddev	.00010	.00014	.00143	.00005	.00049	.00048	.00390	
%RSD	1.0475	4.3272	2.4130	4.7142	46.368	.59435	.43224	

#1	.01006	.00341	.05748	.00115	.00155	.08007	.90184	
#2	.00999	.00313	.06008	.00109	.00057	.08101	.90686	
#3	.00985	.00326	.05981	.00120	.00106	.08071	.89917	

Sample Name: S1 Acquired: 10/23/2018 11:30:37 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) 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	2240.1	2692.4	47786.	4561.3	3922.0
Stddev	17.6	1.5	97.	9.7	3.8
%RSD	.78559	.05395	.20218	.21288	.09733
#1	2225.1	2690.8	47710.	4568.5	3919.8
#2	2259.5	2692.7	47895.	4550.3	3926.4
#3	2235.7	2693.6	47753.	4565.1	3919.9

Sample Name: S2 Acquired: 10/23/2018 11:35:19 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) 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	.05037	.07397	1.2950	.12191	.19444	2.8040	6.7812	1.3035
Stddev	.00024	.00029	.0021	.00030	.00033	.0067	.0255	.0150
%RSD	.46837	.38976	.16287	.24832	.17049	.24010	.37609	1.1541

#1	.05061	.07365	1.2965	.12164	.19408	2.7986	6.8071	1.3053
#2	.05014	.07406	1.2926	.12224	.19450	2.8019	6.7562	1.2876
#3	.05037	.07421	1.2960	.12184	.19473	2.8115	6.7802	1.3175

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	1.9078	2.7117	.64499	.53956	.35195	.37908	.77256	.26218
Stddev	.0052	.0078	.00282	.00120	.00075	.00262	.00153	.00126
%RSD	.27389	.28703	.43672	.22259	.21338	.69131	.19746	.48132

#1	1.9059	2.7171	.64369	.53876	.35273	.37625	.77384	.26077
#2	1.9038	2.7028	.64306	.53898	.35124	.38142	.77298	.26256
#3	1.9137	2.7153	.64822	.54094	.35187	.37956	.77087	.26321

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	.31409	.09079	.28799	.03208	.10378	.84907	.03676	.83605
Stddev	.00061	.00021	.00288	.00022	.00204	.00331	.00008	.00879
%RSD	.19276	.23165	.99916	.67208	1.9654	.39007	.22298	1.0510

#1	.31397	.09072	.28537	.03231	.10202	.85114	.03674	.83773
#2	.31355	.09061	.28753	.03204	.10602	.84525	.03669	.82654
#3	.31474	.09102	.29107	.03189	.10331	.85082	.03685	.84387

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	1.2233	.03908	.74274	.15762	.34190	1.5999	11.566	
Stddev	.0006	.00004	.00830	.00106	.00095	.0074	.022	
%RSD	.04598	.09080	1.1169	.67471	.27780	.46391	.19405	

#1	1.2230	.03910	.74339	.15678	.34253	1.6058	11.587	
#2	1.2239	.03910	.73414	.15725	.34081	1.5916	11.542	
#3	1.2230	.03904	.75069	.15882	.34237	1.6024	11.569	

Sample Name: S2 Acquired: 10/23/2018 11:35:19 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) 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	2209.1	2592.9	47644.	4586.4	3691.1
Stddev	17.2	4.8	195.	18.6	4.7
%RSD	.78022	.18407	.41007	.40627	.12684
#1	2228.7	2587.8	47844.	4583.4	3687.0
#2	2196.3	2593.5	47454.	4606.3	3696.2
#3	2202.3	2597.3	47635.	4569.4	3690.2

Sample Name: S3 Acquired: 10/23/2018 11:39:12 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) 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	.10156	.14686	2.6099	.23385	.38535	5.6622	13.656	2.6369
Stddev	.00015	.00060	.0057	.00074	.00018	.0202	.066	.0279
%RSD	.15232	.40519	.21737	.31753	.04570	.35659	.48368	1.0568

#1	.10166	.14716	2.6144	.23426	.38548	5.6440	13.628	2.6105
#2	.10139	.14617	2.6035	.23300	.38542	5.6839	13.608	2.6661
#3	.10165	.14724	2.6117	.23431	.38515	5.6587	13.731	2.6343

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	3.7640	5.3658	1.2619	1.0885	.69961	.75778	1.5205	.54237
Stddev	.0072	.0153	.0033	.0022	.00144	.00610	.0028	.00273
%RSD	.19031	.28534	.26477	.20290	.20601	.80524	.18163	.50260

#1	3.7659	5.3577	1.2595	1.0882	.69825	.75157	1.5222	.53942
#2	3.7561	5.3564	1.2657	1.0865	.69945	.76377	1.5173	.54480
#3	3.7700	5.3835	1.2604	1.0909	.70112	.75798	1.5221	.54289

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	.63260	.18419	.57073	.06467	.21068	1.7108	.07477	1.6846
Stddev	.00166	.00160	.00106	.00103	.00327	.0033	.00009	.0092
%RSD	.26194	.86879	.18571	1.5905	1.5516	.19157	.11937	.54914

#1	.63326	.18532	.57192	.06355	.20982	1.7146	.07477	1.6772
#2	.63072	.18236	.57038	.06557	.20792	1.7090	.07469	1.6950
#3	.63384	.18490	.56989	.06490	.21429	1.7088	.07486	1.6816

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	2.4597	.07996	1.3462	.32089	.67319	3.3190	23.501	
Stddev	.0020	.00027	.0129	.00097	.00352	.0162	.033	
%RSD	.08049	.33430	.95464	.30187	.52315	.48942	.14222	

#1	2.4608	.08023	1.3349	.32088	.67063	3.3036	23.534	
#2	2.4574	.07997	1.3602	.31992	.67175	3.3172	23.467	
#3	2.4610	.07969	1.3434	.32185	.67721	3.3360	23.503	

Sample Name: S3 Acquired: 10/23/2018 11:39:12 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) 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	2148.4	2487.1	47400.	4523.8	3500.1
Stddev	29.1	5.0	317.	29.6	10.7
%RSD	1.3559	.20273	.66914	.65355	.30710
#1	2114.9	2483.3	47044.	4515.4	3493.0
#2	2167.1	2492.8	47501.	4499.3	3512.5
#3	2163.3	2485.3	47653.	4556.6	3494.8

Sample Name: S4 Acquired: 10/23/2018 11:43:02 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) 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	.20784	.28975	5.3010	.46236	.78680	11.501	27.417	5.1831
Stddev	.00027	.00032	.0127	.00065	.00069	.021	.013	.0251
%RSD	.13063	.10891	.23976	.13998	.08746	.18245	.04727	.48451

#1	.20781	.29000	5.2913	.46161	.78758	11.507	27.405	5.1857
#2	.20812	.28986	5.2964	.46275	.78655	11.517	27.415	5.1569
#3	.20758	.28939	5.3154	.46271	.78628	11.477	27.431	5.2069

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	7.5627	10.583	2.4881	2.2004	1.3893	1.4988	2.9765	1.1012
Stddev	.0132	.010	.0067	.0053	.0022	.0067	.0021	.0051
%RSD	.17452	.09562	.26901	.24292	.15588	.44523	.07148	.46684

#1	7.5493	10.579	2.4810	2.1965	1.3876	1.4960	2.9784	1.1019
#2	7.5633	10.595	2.4942	2.1983	1.3918	1.5065	2.9769	1.1060
#3	7.5756	10.576	2.4891	2.2065	1.3887	1.4941	2.9742	1.0957

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	1.2730	.37789	1.1461	.12889	.42902	3.4574	.15588	3.3822
Stddev	.0024	.00156	.0047	.00050	.00211	.0082	.00076	.0193
%RSD	.19173	.41368	.40801	.38737	.49092	.23634	.48804	.57202

#1	1.2704	.37868	1.1494	.12945	.42821	3.4663	.15532	3.3807
#2	1.2735	.37609	1.1481	.12875	.43141	3.4503	.15558	3.3637
#3	1.2752	.37891	1.1407	.12848	.42743	3.4554	.15675	3.4023

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	4.9977	.16533	2.6476	.65213	1.3391	6.7827	46.972	
Stddev	.0005	.00020	.0048	.00166	.0057	.0163	.052	
%RSD	.00999	.12013	.18237	.25384	.42754	.24063	.11067	

#1	4.9978	.16513	2.6488	.65022	1.3449	6.7906	47.028	
#2	4.9981	.16534	2.6423	.65297	1.3389	6.7639	46.925	
#3	4.9971	.16553	2.6517	.65319	1.3334	6.7935	46.964	

Sample Name: S4 Acquired: 10/23/2018 11:43:02 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) 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	2045.8	2339.4	46272.	4457.8	3271.3
Stddev	12.1	2.6	209.	33.8	.5
%RSD	.59278	.11079	.45059	.75762	.01604
#1	2032.1	2336.4	46097.	4420.3	3271.8
#2	2054.9	2340.9	46218.	4485.7	3270.8
#3	2050.6	2340.9	46503.	4467.5	3271.3

Sample Name: S5 Acquired: 10/23/2018 11:46:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) 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	.42613	.55517	10.452	.89856	1.6049	22.925	52.686	9.8972
Stddev	.00124	.00144	.049	.00478	.0065	.027	.404	.0541
%RSD	.29013	.25874	.47067	.53145	.40716	.11869	.76684	.54700

#1	.42589	.55362	10.419	.89594	1.6009	22.935	52.294	9.8930
#2	.42504	.55543	10.429	.89568	1.6015	22.894	53.101	9.9533
#3	.42747	.55645	10.509	.90408	1.6125	22.945	52.661	9.8453

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	14.687	20.596	4.7250	4.3211	2.7130	2.8375	5.7087	2.1482
Stddev	.042	.046	.0067	.0181	.0067	.0062	.0244	.0030
%RSD	.28355	.22341	.14248	.41842	.24894	.22002	.42716	.13763

#1	14.658	20.549	4.7175	4.3087	2.7090	2.8438	5.6860	2.1510
#2	14.669	20.601	4.7270	4.3128	2.7093	2.8313	5.7055	2.1487
#3	14.735	20.640	4.7305	4.3419	2.7208	2.8373	5.7345	2.1451

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.4884	.75900	2.2538	.24826	.87144	6.9072	.31585	6.5385
Stddev	.0081	.00724	.0033	.00127	.00560	.0121	.00094	.0349
%RSD	.32763	.95389	.14725	.51357	.64256	.17535	.29688	.53413

#1	2.4840	.75224	2.2576	.24970	.87226	6.8976	.31480	6.5409
#2	2.4834	.75811	2.2515	.24780	.86547	6.9032	.31616	6.5722
#3	2.4978	.76664	2.2522	.24727	.87658	6.9208	.31659	6.5025

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	10.132	.33574	5.0375	1.2917	2.5885	13.636	90.752	
Stddev	.038	.00104	.0216	.0022	.0058	.003	.360	
%RSD	.37177	.30870	.42947	.17375	.22340	.02429	.39676	

#1	10.117	.33465	5.0328	1.2894	2.5914	13.632	91.139	
#2	10.104	.33672	5.0612	1.2917	2.5818	13.639	90.690	
#3	10.175	.33586	5.0187	1.2939	2.5921	13.637	90.427	

Sample Name: S5 Acquired: 10/23/2018 11:46:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) 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	1876.4	2119.9	44991.	4370.0	3004.8
Stddev	8.4	7.8	191.	13.9	6.9
%RSD	.44732	.36977	.42445	.31749	.23064
#1	1869.5	2122.8	44788.	4362.8	3011.2
#2	1885.7	2125.8	45017.	4361.3	3005.9
#3	1874.0	2111.0	45167.	4386.0	2997.4

Sample Name: S6 Acquired: 10/23/2018 11:50:53 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) 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	61.484	33.002	7.5690	3.4265	6.1743
Stddev	.265	.265	.0451	.0295	.0353
%RSD	.43109	.80236	.59627	.86081	.57243

#1	61.288	33.061	7.5258	3.3957	6.1507
#2	61.786	33.231	7.6158	3.4545	6.2149
#3	61.379	32.712	7.5654	3.4294	6.1572

Int. Std.	Y_3710
Units	Cts/S
Avg	4322.8
Stddev	17.0
%RSD	.39244

#1	4310.3
#2	4316.0
#3	4342.1

Sample Name: ICV Acquired: 10/23/2018 12:20:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) 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	1.030261	1.059973	.9376952	1.032591	.9229017	2.413691
Stddev	.004585	.000404	.0026806	.002580	.0057711	.018313
%RSD	.4450633	.0381543	.2858706	.2498935	.6253201	.7587097

#1	1.025453	1.059787	.9382692	1.035547	.9288659	2.431114
#2	1.034586	1.060437	.9400422	1.030790	.9224939	2.415358
#3	1.030744	1.059696	.9347741	1.031437	.9173453	2.394602

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5115337	.4920190	.5036819	10.16155	.5075289	.4986506
Stddev	.0015289	.0039959	.0020431	.03946	.0007791	.0013267
%RSD	.2988882	.8121359	.4056341	.3883741	.1534998	.2660510

#1	.5115160	.4879457	.5056843	10.11606	.5080439	.5001798
#2	.5100137	.4959326	.5037609	10.18662	.5066327	.4979652
#3	.5130713	.4921787	.5016004	10.18197	.5079102	.4978068

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5316072	4.585904	.5062158	5.803586	.5164356	.4541723
Stddev	.0039163	.047811	.0036861	.047404	.0028184	.0009838
%RSD	.7366965	1.042565	.7281706	.8167971	.5457415	.2166138

#1	.5275150	4.531091	.5019715	5.821767	.5196699	.4541464
#2	.5319864	4.619016	.5080603	5.749783	.5151317	.4532016
#3	.5353201	4.607604	.5086156	5.839207	.5145053	.4551687

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.759896	.5474798	.9872249	9.181924	F 4.804213	4.771696
Stddev	.537998	.0057475	.0241985	.016861	.008985	.044546
%RSD	5.512335	1.049811	2.451162	.1836340	.1870279	.9335505

#1	10.20858	.5429373	.9615168	9.196394	4.813588	4.732796
#2	9.16346	.5455607	.9905981	9.185970	4.803375	4.820291
#3	9.90765	.5539413	1.009560	9.163408	4.795676	4.762002

Sample Name: ICV Acquired: 10/23/2018 12:20:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) 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	4.867650	F -.085922	4.895691	4.930726	5.068503	-.001546
Stddev	.020461	.003530	.039829	.018586	.008481	.000709
%RSD	.4203478	4.108181	.8135563	.3769438	.1673371	45.83036

#1	4.884818	-.082030	4.851664	4.948946	5.076839	-.001670
#2	4.873123	-.086821	4.929219	4.931436	5.059883	-.000784
#3	4.845009	-.088915	4.906190	4.911795	5.068787	-.002185

Elem	Sr4077
Units	ppm
Avg	.0116666
Stddev	.0001007
%RSD	.8630903

#1	.0115957
#2	.0117819
#3	.0116223

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2259.323	2645.392	48927.83	4737.790	3838.328
Stddev	10.400	14.779	282.78	10.802	22.295
%RSD	.4603320	.5586784	.5779438	.2280027	.5808415

#1	2247.601	2630.698	48601.31	4749.775	3816.241
#2	2262.922	2645.222	49092.52	4728.805	3837.918
#3	2267.447	2660.255	49089.66	4734.789	3860.825

Sample Name: ICB Acquired: 10/23/2018 12:24:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) 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	-.001806	-.001371	-.000214	.0009496	.0013904	-.012572	-.002764
Stddev	.003275	.001066	.001315	.0033796	.0010834	.003252	.001643
%RSD	181.3746	77.78148	613.8055	355.8828	77.92079	25.86556	59.43559

#1	-.003930	-.000413	.000499	.0032751	.0023588	-.008973	-.000901
#2	-.003452	-.002520	.000591	.0025009	.0015919	-.015299	-.003387
#3	.001966	-.001179	-.001732	-.002927	.0002204	-.013443	-.004004

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000353	.0000108	-.001535	.0006172	.0000442	.0024529	.0228271
Stddev	.0000256	.0000974	.010925	.0001865	.0001528	.0060148	.0282949
%RSD	72.59985	901.0542	711.9187	30.21829	345.7146	245.2097	123.9534

#1	.0000159	.0001121	.011006	.0006520	-.000014	.0065851	.0542147
#2	.0000257	-.000082	-.008986	.0004157	-.000071	.0052213	.0149891
#3	.0000644	.000003	-.006624	.0007838	.000218	-.004448	-.000723

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010786	.0253605	.0002155	.0010019	-.203795	-.001323	.0123007
Stddev	.0021006	.0354686	.0001837	.0001220	.451990	.003712	.0111167
%RSD	194.7512	139.8578	85.20971	12.18095	221.7867	280.5844	90.37457

#1	.0034309	.0616341	.0004194	.0010265	-.722509	-.004846	.0199645
#2	.0004146	-.009244	.0000631	.0008694	.105526	.002554	.0173867
#3	-.000610	.023692	.0001641	.0011098	.005599	-.001677	-.000449

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.090868	-.005026	.0067595	.0000926	-.017267	.0029957	.0006650
Stddev	.085411	.001793	.0005705	.0000947	.034097	.0013255	.0005871
%RSD	93.99474	35.68782	8.439715	102.3069	197.4669	44.24765	88.28698

#1	-.161080	-.005674	.0072537	.0000915	-.056003	.0014793	.0012690
#2	-.115743	-.002998	.0061352	.0001879	-.004004	.0035737	.0006295
#3	.004219	-.006405	.0068895	-.000002	.008206	.0039340	.0000964

Sample Name: ICB Acquired: 10/23/2018 12:24:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) 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	-.002050	-.005683	-.000017
Stddev	.000841	.000720	.000022
%RSD	41.03435	12.66302	126.4540

#1	-.001142	-.006500	.000008
#2	-.002802	-.005143	-.000033
#3	-.002207	-.005406	-.000026

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2273.783	2656.238	49018.90	4735.667	3841.538
Stddev	3.591	4.404	54.62	28.591	5.749
%RSD	.1579211	.1657950	.1114287	.6037431	.1496655

#1	2277.415	2651.341	49065.86	4702.775	3834.924
#2	2270.235	2659.873	48958.96	4754.575	3845.345
#3	2273.699	2657.499	49031.87	4749.650	3844.345

Sample Name: ICSA Acquired: 10/23/2018 12:28:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) 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	-.009883	-.001184	-.001482	.0041724	.0074827	258.4727
Stddev	.002638	.002109	.001903	.0019111	.0029914	.0253
%RSD	26.69116	178.1372	128.4007	45.80374	39.97795	.0098012

#1	-.006981	.001227	-.002323	.0056695	.0040641	258.4716
#2	-.010534	-.002094	.000696	.0020198	.0096201	258.4986
#3	-.012134	-.002684	-.002820	.0048278	.0087640	258.4480

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035881	.0009742	-.000692	259.0880	.0535132	.0003746
Stddev	.0002996	.0000860	.000135	.1537	.0007717	.0004345
%RSD	8.349819	8.831244	19.49467	.0593044	1.442104	115.9836

#1	.0032674	.0009487	-.000538	259.0363	.0530506	.0000143
#2	.0036359	.0009037	-.000750	258.9668	.0544041	.0002524
#3	.0038609	.0010700	-.000789	259.2608	.0530849	.0008571

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0125976	106.7533	.0128761	272.0961	.0038378	.0034480
Stddev	.0024183	.1097	.0003192	.4381	.0006199	.0003859
%RSD	19.19652	.1027397	2.479002	.1610049	16.15225	11.19223

#1	.0152404	106.8007	.0131358	272.2643	.0037525	.0032858
#2	.0104952	106.8313	.0125198	272.4252	.0044959	.0031696
#3	.0120572	106.6279	.0129729	271.5989	.0032650	.0038885

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.043784	-.003367	.0263414	1.007984	-.003727	F .0936500
Stddev	.206633	.011396	.0255676	.009084	.002968	.0011234
%RSD	6.788692	338.5002	97.06235	.9012221	79.63438	1.199561

#1	2.979313	.007794	.0002392	.999908	-.005643	.0949407
#2	3.274966	-.002909	.0274464	1.006224	-.000308	.0931170
#3	2.877072	-.014985	.0513387	1.017819	-.005229	.0928923

Sample Name: ICSA Acquired: 10/23/2018 12:28:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) 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	.0019413	.0044034	.0022942	-.002043	-.002106	.0063730
Stddev	.0002985	.0570611	.0005792	.000630	.001246	.0011469
%RSD	15.37858	1295.834	25.24685	30.80798	59.15998	17.99552

#1	.0022414	.0582503	.0019192	-.001601	-.003437	.0063029
#2	.0016443	.0103638	.0020021	-.002764	-.001916	.0075533
#3	.0019381	-.055404	.0029613	-.001765	-.000966	.0052628

Elem	Sr4077
Units	ppm
Avg	.1080088
Stddev	.0001544
%RSD	.1429391

#1	.1078640
#2	.1081712
#3	.1079912

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2127.825	2469.058	47120.49	4645.974	3398.105
Stddev	8.719	4.193	370.77	13.145	11.651
%RSD	.4097672	.1698285	.7868611	.2829429	.3428700

#1	2121.041	2464.866	47006.20	4631.677	3386.036
#2	2124.776	2473.252	46820.33	4648.704	3409.288
#3	2137.660	2469.056	47534.96	4657.539	3398.992

Sample Name: ICSAB Acquired: 10/23/2018 12:32:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1088263	.1126218	.0480712	.0601676	.6445928	262.9026
Stddev	.0084366	.0029503	.0029173	.0004904	.0027701	.6073
%RSD	7.752354	2.619680	6.068605	.8150832	.4297477	.2310038

#1	.0999403	.1159880	.0448783	.0596099	.6474544	263.4405
#2	.1098115	.1104850	.0487379	.0603614	.6419242	262.2440
#3	.1167270	.1113923	.0505973	.0605315	.6443999	263.0232

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5617625	.5300118	1.077517	263.0201	.5885978	.5360478
Stddev	.0013639	.0052561	.001799	1.1561	.0005131	.0012873
%RSD	.2427901	.9916923	.1669867	.4395383	.0871807	.2401399

#1	.5602201	.5257413	1.079126	261.7987	.5881358	.5375340
#2	.5628093	.5358819	1.075574	263.1641	.5885075	.5353262
#3	.5622581	.5284124	1.077850	264.0974	.5891501	.5352831

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5579098	108.9935	.5453005	275.3596	1.092536	.1936881
Stddev	.0065007	.6311	.0047007	1.0803	.001615	.0007691
%RSD	1.165182	.5790437	.8620459	.3923134	.1478104	.3970898

#1	.5625011	109.7125	.5400305	276.6070	1.094369	.1944926
#2	.5607569	108.5311	.5468099	274.7252	1.091325	.1936117
#3	.5504713	108.7370	.5490612	274.7467	1.091913	.1929600

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7276307	.5603851	1.053730	-.073234	.0086500	F .1142275
Stddev	.1909203	.0035746	.071339	.075252	.0056071	.0034195
%RSD	26.23863	.6378814	6.770118	102.7553	64.82235	2.993575

#1	.8121809	.5566806	1.106702	-.159114	.0025476	.1181643
#2	.8616763	.5606609	1.081876	-.018839	.0135749	.1125226
#3	.5090348	.5638138	.972612	-.041748	.0098276	.1119957

Sample Name: ICSAB Acquired: 10/23/2018 12:32:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0222926	.1130744	.0240983	F .0189446	.0191478	.0024133
Stddev	.0006515	.0267938	.0017025	.0015844	.0030804	.0009023
%RSD	2.922290	23.69568	7.065026	8.363104	16.08742	37.39067

#1	.0216386	.1367937	.0260620	.0175211	.0156170	.0021515
#2	.0222975	.0840115	.0230357	.0186611	.0205405	.0034175
#3	.0229415	.1184181	.0231971	.0206516	.0212859	.0016708

Elem	Sr4077
Units	ppm
Avg	.1096275
Stddev	.0003982
%RSD	.3631801

#1	.1093029
#2	.1095079
#3	.1100717

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2122.511	2453.565	47192.21	4641.461	3371.713
Stddev	15.218	4.965	132.99	24.448	6.132
%RSD	.7169890	.2023645	.2818010	.5267247	.1818723

#1	2108.658	2455.829	47094.74	4653.971	3366.427
#2	2138.800	2456.995	47343.71	4613.290	3378.436
#3	2120.076	2447.871	47138.20	4657.122	3370.275

Sample Name: CCV074 Acquired: 10/23/2018 12:36:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV074 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.792768	4.792902	23.43224	4.722204	4.798471	405.2788
Stddev	.013295	.007023	.03157	.002548	.011725	.8811
%RSD	.2774062	.1465347	.1347181	.0539500	.2443492	.2174139

#1	4.800267	4.800509	23.41384	4.724760	4.793627	406.1770
#2	4.777417	4.791533	23.46869	4.719665	4.789945	404.4158
#3	4.800621	4.786664	23.41419	4.722186	4.811842	405.2438

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.818649	.4765797	2.367980	383.3425	14.43886	2.400735
Stddev	.027528	.0015928	.002776	1.1268	.02828	.002275
%RSD	.2803608	.3342131	.1172443	.2939278	.1958845	.0947471

#1	9.826550	.4758677	2.365866	382.6563	14.41057	2.400021
#2	9.788035	.4784042	2.371125	382.7283	14.46714	2.403281
#3	9.841362	.4754670	2.366951	384.6429	14.43888	2.398904

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.61786	408.5007	13.97104	393.8129	2.426367	1.194283
Stddev	.02990	.8485	.03363	.4956	.002398	.002417
%RSD	.2045320	.2077050	.2407392	.1258481	.0988167	.2024088

#1	14.59405	409.2387	13.93373	394.1590	2.424179	1.194199
#2	14.60811	407.5736	13.99904	393.2451	2.428930	1.191910
#3	14.65141	408.6897	13.98036	394.0345	2.425992	1.196742

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	399.7842	2.459406	14.30378	148.6644	F 5.163726	4.899360
Stddev	.2246	.005407	.10952	.0962	.014678	.020078
%RSD	.0561910	.2198431	.7656417	.0646892	.2842539	.4098044

#1	399.9641	2.456118	14.18427	148.6101	5.163122	4.885919
#2	399.5324	2.465646	14.32774	148.7754	5.149360	4.922440
#3	399.8561	2.456453	14.39933	148.6077	5.178697	4.889722

Sample Name: CCV074 Acquired: 10/23/2018 12:36:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV074 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.740100	F 43.37570	4.732274	4.925021	4.750289	4.976650
Stddev	.007205	.09145	.020768	.004341	.007007	.017783
%RSD	.1519965	.2108248	.4388531	.0881376	.1475106	.3573258

#1	4.735671	43.31706	4.732635	4.925840	4.742210	4.983564
#2	4.736216	43.32896	4.752859	4.928894	4.754715	4.956449
#3	4.748414	43.48107	4.711328	4.920329	4.753941	4.989939

Elem	Sr4077
Units	ppm
Avg	4.892050
Stddev	.007936
%RSD	.1622164

#1	4.898898
#2	4.883353
#3	4.893899

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1998.672	2244.160	46140.65	4562.815	3062.464
Stddev	8.108	2.919	116.18	7.197	2.683
%RSD	.4056690	.1300532	.2518057	.1577210	.0876015

#1	2003.613	2241.537	46183.78	4559.789	3059.570
#2	1989.315	2247.304	46009.06	4557.625	3062.955
#3	2003.090	2243.639	46229.10	4571.030	3064.868

Sample Name: CCB074 Acquired: 10/23/2018 12:40:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB074 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005661	.0004623	-.000228	-.000146	.0015195	.0021759	-.001711
Stddev	.004128	.0003132	.000251	.001808	.0007035	.0194332	.000640
%RSD	72.91862	67.73392	110.1407	1235.454	46.29480	893.1151	37.38781

#1	-.006377	.0001979	-.000518	.001931	.0014881	.0229511	-.001558
#2	-.001222	.0003810	-.000075	-.001009	.0008323	-.000867	-.002414
#3	-.009383	.0008082	-.000091	-.001361	.0022382	-.015556	-.001162

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000722	.0000012	-.005551	.0005491	.0000132	.0001504	.0210589
Stddev	.0000668	.0001053	.005659	.0004347	.0001489	.0018475	.0062271
%RSD	92.52985	8671.614	101.9464	79.17233	1129.513	1228.347	29.56978

#1	-.000002	-.000038	-.005123	.0001943	.0000671	-.000655	.0257489
#2	.000090	-.000079	-.011411	.0010340	.0001276	-.001157	.0139938
#3	.000128	.000121	-.000118	.0004189	-.000155	.002264	.0234341

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001289	.0419600	.0003606	.0009411	-.056771	.0008839	.0135180
Stddev	.001183	.0086198	.0001386	.0001455	.195025	.0081477	.0125665
%RSD	91.82602	20.54288	38.44614	15.46290	343.5297	921.7393	92.96180

#1	-.002204	.0333599	.0005177	.0009869	-.024346	.0015519	-.000643
#2	-.001709	.0419209	.0003091	.0007782	-.265977	-.007577	.023341
#3	.000047	.0505993	.0002551	.0010582	.120009	.008677	.017856

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.042505	-.004862	.0125270	-.000114	-.050906	-.001075	.0001615
Stddev	.047403	.004189	.0002130	.000101	.007614	.001025	.0005728
%RSD	111.5232	86.15329	1.700140	88.45929	14.95795	95.41774	354.6592

#1	-.021178	-.000045	.0123312	-.000078	-.046817	-.002040	-.000046
#2	-.096826	-.006893	.0127538	-.000227	-.046209	.000002	-.000279
#3	-.009512	-.007650	.0124961	-.000036	-.059691	-.001186	.000809

Sample Name: CCB074 Acquired: 10/23/2018 12:40:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB074 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001326	-.001886	.0000384
Stddev	.000325	.001553	.0000742
%RSD	24.48433	82.31048	193.3362

#1	-.001689	-.001242	.0001138
#2	-.001222	-.000759	.0000358
#3	-.001065	-.003658	-.000035

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2253.289	2639.037	48655.97	4734.725	3819.551
Stddev	13.836	4.459	218.21	24.013	10.976
%RSD	.6140166	.1689765	.4484654	.5071739	.2873714

#1	2240.020	2633.986	48728.92	4727.100	3808.441
#2	2252.218	2642.430	48410.64	4715.450	3830.389
#3	2267.629	2640.695	48828.36	4761.625	3819.823

Sample Name: PB113756BL Acquired: 10/23/2018 12:44:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004375	-.000027	.0002013	.0019656	.0004834	-.002241	-.002736
Stddev	.004279	.003170	.0006393	.0008093	.0005948	.009910	.000285
%RSD	97.81251	11840.35	317.5359	41.17583	123.0438	442.1806	10.42002

#1	-.003716	.003615	.0004612	.0020767	-.000050	.008618	-.002436
#2	-.008944	-.001537	-.000527	.0027136	.001125	-.004543	-.003004
#3	-.000463	-.002159	.000670	.0011064	.000375	-.010798	-.002769

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000708	-.000023	-.014361	.0001855	.0000247	.0001818	.0281552
Stddev	.0000228	.000003	.024654	.0000196	.0003194	.0005017	.0120036
%RSD	32.19619	13.25829	171.6729	10.58158	1292.679	275.9962	42.63381

#1	.0000717	-.000023	.014068	.0001853	-.000344	.0000832	.0416911
#2	.0000931	-.000019	-.027283	.0002052	.000215	-.000263	.0188045
#3	.0000475	-.000025	-.029867	.0001659	.000203	.000725	.0239698

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007338	.0016948	.0003471	.0009720	-.184908	-.001506	-.007510
Stddev	.0013781	.0425454	.0003218	.0000305	.275607	.007201	.006071
%RSD	187.7975	2510.426	92.71757	3.141737	149.0507	478.0776	80.83554

#1	.0008610	-.040490	.0003057	.0009923	-.500012	-.008777	-.007171
#2	.0020439	.000983	.0000480	.0009869	.011263	-.001365	-.013744
#3	-.000703	.044591	.0006877	.0009369	-.065976	.005623	-.001616

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.081309	-.003005	.0054428	.0000765	-.029436	-.001964	.0004265
Stddev	.067003	.002138	.0011624	.0002753	.020279	.000972	.0008080
%RSD	82.40481	71.14722	21.35633	359.7279	68.89172	49.49687	189.4679

#1	-.015054	-.000709	.0052411	.0000628	-.048163	-.000975	.0002905
#2	-.149035	-.004940	.0066928	-.000192	-.007898	-.002919	.0012938
#3	-.079839	-.003367	.0043945	.000358	-.032249	-.001998	-.000305

Sample Name: PB113756BL Acquired: 10/23/2018 12:44:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000928	-.006234	-.000027
Stddev	.000391	.000271	.000056
%RSD	42.13186	4.348349	210.0421

#1	-.000717	-.005921	-.000028
#2	-.001380	-.006389	-.000081
#3	-.000689	-.006392	.000030

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2264.013	2658.972	48890.49	4789.792	3845.626
Stddev	4.076	2.420	104.92	9.300	4.006
%RSD	.1800388	.0910151	.2146108	.1941688	.1041789

#1	2262.724	2657.537	48846.12	4779.175	3841.010
#2	2268.578	2657.612	49010.31	4793.700	3847.674
#3	2260.737	2661.766	48815.05	4796.500	3848.195

Sample Name: PB113756BS Acquired: 10/23/2018 12:48:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0239639	.0512948	.0200074	.0768646	.1194993	.4265899
Stddev	.0025388	.0014229	.0017133	.0019645	.0003396	.0183903
%RSD	10.59430	2.773945	8.563324	2.555751	.2841856	4.311009

#1	.0219182	.0508747	.0193598	.0748222	.1193088	.4053547
#2	.0231683	.0501292	.0187122	.0787406	.1192977	.4371459
#3	.0268052	.0528804	.0219501	.0770310	.1198914	.4372691

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3989123	.0100770	.0100283	F 2.002295	.0225171	.0956752
Stddev	.0004227	.0000826	.0000152	.003871	.0006495	.0003321
%RSD	.1059644	.8198164	.1514737	.1933392	2.884503	.3471052

#1	.3988592	.0100518	.0100147	2.002982	.0227868	.0960370
#2	.3993590	.0100098	.0100256	2.005777	.0217762	.0956042
#3	.3985187	.0101692	.0100447	1.998127	.0229883	.0953843

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0554085	.1907788	.0346889	F 2.082959	.0816229	.0191726
Stddev	.0047037	.0118906	.0006628	.008591	.0004950	.0003733
%RSD	8.489231	6.232657	1.910830	.4124400	.6064198	1.947303

#1	.0499931	.2036875	.0349879	2.092807	.0811419	.0190239
#2	.0577546	.1802734	.0339292	2.079073	.0821307	.0188966
#3	.0584777	.1883757	.0351496	2.076999	.0815960	.0195974

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.634499	.1104456	.1200740	9.361120	.0166644	F .0214578
Stddev	.115945	.0009174	.0155367	.037887	.0013258	.0005334
%RSD	1.203431	.8305911	12.93924	.4047285	7.956031	2.486010

#1	9.521876	.1114546	.1331228	9.380152	.0156951	.0217485
#2	9.753501	.1096619	.1028873	9.317490	.0181753	.0217827
#3	9.628119	.1102202	.1242118	9.385718	.0161227	.0208421

Sample Name: PB113756BS Acquired: 10/23/2018 12:48:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0197907	1.619930	.1994822	F .0141866	.0000125	.0856272
Stddev	.0000092	.023763	.0015325	.0003018	.0027698	.0011247
%RSD	.0465445	1.466945	.7682338	2.127551	22207.87	1.313486

#1	.0197806	1.596363	.1983216	.0142384	.0025729	.0863823
#2	.0197925	1.643886	.2012193	.0138622	.0003921	.0861646
#3	.0197988	1.619541	.1989056	.0144592	-.002928	.0843346

Elem	Sr4077
Units	ppm
Avg	.1992888
Stddev	.0002009
%RSD	.1008109

#1	.1995157
#2	.1991334
#3	.1992172

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2259.108	2636.994	48831.99	4765.008	3867.450
Stddev	14.617	5.368	118.44	3.306	7.306
%RSD	.6470062	.2035596	.2425529	.0693846	.1889161

#1	2246.813	2632.590	48697.49	4764.775	3859.014
#2	2255.244	2642.973	48877.77	4768.425	3871.755
#3	2275.269	2635.418	48920.70	4761.825	3871.581

Sample Name: J5254-01 Acquired: 10/23/2018 12:52:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLCM5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033738	.0007797	.0031140	-.000631	.0006033	.0726820	.0291560
Stddev	.0031274	.0038465	.0008375	.000994	.0005853	.0131128	.0008121
%RSD	92.69557	493.3560	26.89560	157.4870	97.01657	18.04137	2.785302

#1	.0044572	.0033871	.0035995	.000239	-.000067	.0870217	.0296608
#2	.0058156	.0025898	.0035955	-.000418	.001012	.0613019	.0282192
#3	-.000151	-.003638	.0021469	-.001714	.000864	.0697225	.0295878

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001092	.0001578	197.8838	.0010713	-.000796	.0020315	.0932463
Stddev	.0000396	.0000551	.9046	.0002447	.000160	.0016308	.0074090
%RSD	36.23956	34.89705	.4571191	22.84279	20.08909	80.27301	7.945646

#1	.0000883	.0001410	198.7032	.0013128	-.000827	.0035044	.1012890
#2	.0000845	.0002194	198.0352	.0008235	-.000937	.0002790	.0866991
#3	.0001549	.0001131	196.9132	.0010774	-.000622	.0023112	.0917507

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0982152	38.31577	.0012152	.0012984	3.464553	-.001032	.0678978
Stddev	.0013135	.31504	.0001132	.0000846	.273943	.003953	.0092067
%RSD	1.337366	.8222105	9.314593	6.512701	7.907032	383.0729	13.55970

#1	.0972086	38.01983	.0013169	.0012113	3.598287	.001050	.0773333
#2	.0997010	38.28054	.0012355	.0013802	3.149430	-.005591	.0589382
#3	.0977361	38.64694	.0010932	.0013036	3.645943	.001445	.0674221

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.171158	.0021991	.0034266	-.000231	1274.067	6.592247	-.004886
Stddev	.065584	.0013583	.0012335	.000218	3.798	.020209	.001294
%RSD	1.572309	61.76379	35.99781	94.62446	.2980814	.3065529	26.47501

#1	4.193173	.0033053	.0027878	-.000482	1275.562	6.593862	-.006354
#2	4.097399	.0026090	.0026435	-.000099	1276.890	6.611600	-.003912
#3	4.222902	.0006831	.0048485	-.000110	1269.749	6.571280	-.004392

Sample Name: J5254-01 Acquired: 10/23/2018 12:52:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLCM5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004860	-.005604	.3999562
Stddev	.001489	.001055	.0002654
%RSD	30.62914	18.82244	.0663529

#1	-.004489	-.006044	.3997971
#2	-.006499	-.004401	.4002625
#3	-.003592	-.006368	.3998088

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2296.970	2641.712	50321.58	4875.291	3836.561
Stddev	9.957	5.279	26.86	3.565	3.572
%RSD	.4334690	.1998451	.0533705	.0731281	.0930916

#1	2296.473	2643.133	50350.74	4874.253	3837.014
#2	2307.165	2635.868	50316.14	4879.260	3832.784
#3	2287.270	2646.136	50297.86	4872.359	3839.884

Sample Name: J5254-02 Acquired: 10/23/2018 12:56:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLCM6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000568	.0017888	.0033223	-.001518	.0012031	.0760818	.0295623
Stddev	.006876	.0021171	.0018812	.003421	.0008026	.0142207	.0010232
%RSD	1211.238	118.3534	56.62318	225.4038	66.71200	18.69139	3.461175

#1	-.008357	.0032193	.0026799	.002310	.0020208	.0596617	.0307144
#2	.004658	-.000643	.0018464	-.002584	.0004165	.0841650	.0292127
#3	.001997	.002790	.0054405	-.004279	.0011720	.0844186	.0287596

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001255	.0000416	197.5777	.0010627	-.000729	.0002602	.1364369
Stddev	.0000426	.0000102	.9044	.0004294	.000114	.0012552	.0193997
%RSD	33.92620	24.52204	.4577463	40.40252	15.69293	482.4229	14.21882

#1	.0001138	.0000456	196.7974	.0010127	-.000636	.0016912	.1306525
#2	.0001726	.0000491	198.5689	.0015149	-.000695	-.000654	.1580708
#3	.0000899	.0000300	197.3667	.0006606	-.000857	-.000256	.1205873

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1112948	38.13095	.0014379	.0008888	3.343350	-.005984	.0566312
Stddev	.0015021	.14583	.0003346	.0001319	.293189	.002192	.0107354
%RSD	1.349649	.3824401	23.27004	14.83600	8.769324	36.63844	18.95664

#1	.1117352	38.10505	.0016932	.0009744	3.645125	-.004477	.0549925
#2	.1125274	38.28799	.0010591	.0007369	3.325350	-.004975	.0468095
#3	.1096217	37.99980	.0015615	.0009549	3.059576	-.008499	.0680918

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.156135	.0027888	.0019809	-.000193	1269.937	6.591546	-.005733
Stddev	.024525	.0029401	.0003629	.000286	4.184	.006508	.001048
%RSD	.5900917	105.4255	18.31822	148.2982	.3294605	.0987272	18.28408

#1	4.169066	.0005265	.0017637	-.000490	1270.752	6.597760	-.006847
#2	4.171489	.0061122	.0023998	-.000170	1265.405	6.592098	-.004767
#3	4.127851	.0017277	.0017792	.000081	1273.653	6.584780	-.005585

Sample Name: J5254-02 Acquired: 10/23/2018 12:56:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLCM6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004751	-.005966	.4011900
Stddev	.002078	.000697	.0016076
%RSD	43.74323	11.68348	.4007168

#1	-.002491	-.005633	.3995695
#2	-.006580	-.006767	.4027845
#3	-.005181	-.005497	.4012160

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2301.780	2645.213	50612.94	4929.641	3849.554
Stddev	10.278	7.966	91.48	16.927	9.154
%RSD	.4465354	.3011444	.1807464	.3433622	.2378005

#1	2310.990	2652.797	50549.79	4929.541	3858.701
#2	2303.657	2645.928	50571.19	4912.765	3849.568
#3	2290.692	2636.913	50717.85	4946.617	3840.393

Sample Name: J5254-03 Acquired: 10/23/2018 13:01:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLCM7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000086	.0011153	-.000217	.0000155	-.000417	.0001751	-.002353
Stddev	.000580	.0023345	.001111	.0008744	.001181	.0073710	.000377
%RSD	674.4684	209.3132	512.2722	5632.657	283.1316	4210.628	16.03942

#1	.000141	.0002018	-.000594	-.000586	.000758	-.008252	-.002297
#2	-.000745	.0037684	-.001090	.001019	-.001605	.003354	-.002006
#3	.000346	-.000624	.001034	-.000386	-.000405	.005423	-.002755

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001855	-.000124	.0083655	.0003049	-.000037	.0025810	.0194247
Stddev	.0000221	.000046	.0068861	.0003327	.000193	.0024508	.0130630
%RSD	11.89171	37.46817	82.31479	109.1226	526.6992	94.95806	67.24966

#1	.0001640	-.000104	.0108491	.0006413	.000079	.0040588	.0326632
#2	.0002081	-.000176	.0005822	-.000024	.000071	-.000248	.0190663
#3	.0001845	-.000090	.0136653	.000297	-.000260	.003932	.0065445

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005979	.0643348	.0007363	.0009084	.0167828	-.004646	.0016427
Stddev	.0006108	.0578765	.0002025	.0001622	.1450361	.011137	.0029912
%RSD	102.1586	89.96146	27.50105	17.85821	864.1938	239.6945	182.0914

#1	.0005662	.1214129	.0008496	.0009733	.1722048	.003550	.0014406
#2	.0000036	.0658998	.0005025	.0007238	-.006905	-.017327	-.001242
#3	.0012240	.0056916	.0008567	.0010282	-.114951	-.000162	.004730

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.07281	-.003829	-.001513	-.000227	.3121485	-.004112	-.003293
Stddev	.09341	.001711	.001208	.000156	.0269020	.000569	.000281
%RSD	4.506492	44.68529	79.82458	68.95976	8.618345	13.83586	8.525394

#1	-2.17533	-.001859	-.000796	-.000374	.3332370	-.003728	-.003286
#2	-2.05059	-.004688	-.002908	-.000243	.2818514	-.003843	-.003015
#3	-1.99252	-.004941	-.000835	-.000063	.3213569	-.004766	-.003577

Sample Name: J5254-03 Acquired: 10/23/2018 13:01:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLCM7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000621	-.016030	.0000437
Stddev	.002623	.001550	.0000579
%RSD	422.3683	9.670471	132.2849

#1	.001842	-.017751	.0000983
#2	-.003379	-.014743	.0000498
#3	-.000326	-.015597	-.000017

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2358.669	2757.399	51126.29	5026.283	3978.265
Stddev	5.442	5.463	38.51	19.042	7.814
%RSD	.2307409	.1981120	.0753184	.3788478	.1964286

#1	2357.943	2761.281	51146.31	5023.850	3983.979
#2	2353.626	2759.764	51081.90	5046.425	3981.456
#3	2364.438	2751.152	51150.67	5008.575	3969.360

Sample Name: J5254-04 Acquired: 10/23/2018 13:05:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLCM8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012663	.0041074	.0751750	-.002884	-.001242	.1631088	.0589853
Stddev	.0019103	.0010943	.0006864	.001985	.000827	.0047354	.0006176
%RSD	150.8595	26.64107	.9131252	68.82532	66.63433	2.903203	1.047085

#1	-.000866	.0053703	.0749897	-.001047	-.002070	.1583197	.0593889
#2	.002823	.0034435	.0759351	-.004989	-.001241	.1677885	.0592927
#3	.001842	.0035083	.0746002	-.002617	-.000415	.1632183	.0582743

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001310	.0026730	17.38283	.0001871	.0017581	.0029869	2.326306
Stddev	.0000149	.0000799	.05778	.0002534	.0001276	.0013679	.028938
%RSD	11.33639	2.989562	.3323897	135.4238	7.258766	45.79684	1.243936

#1	.0001432	.0026623	17.43747	.0004611	.0016119	.0017287	2.356500
#2	.0001144	.0027577	17.32236	-.000039	.0018155	.0044430	2.298814
#3	.0001354	.0025990	17.38867	.000139	.0018470	.0027891	2.323605

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4385656	5.380936	.0022239	.0009100	3.711532	.0018379	.4467847
Stddev	.0050121	.044083	.0002484	.0002447	.081293	.0072982	.0271287
%RSD	1.142844	.8192508	11.16846	26.89269	2.190274	397.0891	6.071987

#1	.4408479	5.331194	.0023475	.0011094	3.708527	.0054467	.4725466
#2	.4328185	5.415170	.0019380	.0009839	3.631784	-.006562	.4184697
#3	.4420304	5.396443	.0023862	.0006369	3.794286	.006629	.4493379

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1420638	.0466644	.0153181	-.000102	88.70255	10.75364	-.003526
Stddev	.0990862	.0014241	.0015855	.000174	.04380	.04542	.000545
%RSD	69.74765	3.051758	10.35047	171.2667	.0493739	.4223482	15.45403

#1	.0911784	.0482914	.0154094	.000089	88.68379	10.71911	-.003700
#2	.2562539	.0456442	.0168560	-.000254	88.75260	10.73672	-.002915
#3	.0787593	.0460576	.0136889	-.000141	88.67126	10.80509	-.003962

Sample Name: J5254-04 Acquired: 10/23/2018 13:05:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLCM8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0066374	-.012480	.0977758
Stddev	.0020018	.001507	.0001123
%RSD	30.15884	12.07180	.1147985

#1	.0043293	-.013344	.0978831
#2	.0078980	-.010741	.0976592
#3	.0076850	-.013357	.0977850

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2366.148	2745.904	51368.20	5016.175	4017.143
Stddev	8.101	3.026	107.67	17.439	10.001
%RSD	.3423852	.1101854	.2095956	.3476529	.2489620

#1	2359.509	2748.197	51319.14	5031.500	4024.521
#2	2363.759	2747.041	51491.66	5019.825	4021.148
#3	2375.175	2742.475	51293.80	4997.200	4005.760

Sample Name: J5254-05 Acquired: 10/23/2018 13:09:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLCM8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000267	.0011899	.0764988	-.000918	-.000660	.1667741	.0587455
Stddev	.002791	.0012147	.0013633	.001779	.000772	.0081157	.0010928
%RSD	1046.339	102.0882	1.782098	193.8526	116.9530	4.866278	1.860222

#1	.001287	.0025147	.0778921	.000990	-.001479	.1728831	.0580123
#2	.001401	.0009265	.0751676	-.002531	-.000554	.1698739	.0600015
#3	-.003488	.0001285	.0764369	-.001211	.000054	.1575654	.0582226

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001134	.0026579	17.23062	.0004803	.0019410	.0016106	2.306712
Stddev	.0000255	.0000365	.03077	.0006532	.0002270	.0041180	.044354
%RSD	22.51277	1.374430	.1785545	135.9802	11.69706	255.6768	1.922842

#1	.0000839	.0026164	17.20291	.0012335	.0017355	.0061290	2.281847
#2	.0001276	.0026722	17.26373	.0001369	.0019028	.0006343	2.357921
#3	.0001287	.0026851	17.22522	.0000705	.0021847	-.001931	2.280368

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4303404	5.302762	.0023607	.0011982	3.900021	.0032936	.4211865
Stddev	.0016056	.057044	.0002163	.0001253	.089821	.0076600	.0313278
%RSD	.3731104	1.075750	9.162119	10.45672	2.303089	232.5729	7.437991

#1	.4300733	5.262475	.0023817	.0012980	3.979879	.0006751	.4009168
#2	.4288851	5.277774	.0021347	.0012392	3.802778	.0119194	.4572691
#3	.4320629	5.368036	.0025657	.0010576	3.917404	-.002714	.4053736

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1970516	.0448296	.0160673	-.000167	88.72002	10.67349	-.003203
Stddev	.0458514	.0006089	.0002913	.000261	.07802	.02557	.000370
%RSD	23.26872	1.358323	1.812694	156.1937	.0879369	.2395394	11.53976

#1	.1458665	.0452751	.0157426	-.000429	88.69129	10.70282	-.003153
#2	.2343666	.0450780	.0163056	.000094	88.66044	10.65590	-.002860
#3	.2109215	.0441357	.0161538	-.000166	88.80833	10.66174	-.003594

Sample Name: J5254-05 Acquired: 10/23/2018 13:09:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLCM8D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0088838	-.013107	.0973650
Stddev	.0012547	.000070	.0001646
%RSD	14.12346	.5302948	.1690437

#1	.0096273	-.013145	.0972312
#2	.0095889	-.013027	.0975488
#3	.0074352	-.013150	.0973152

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2382.666	2746.693	51759.37	5077.208	4026.230
Stddev	12.575	1.307	115.03	9.908	2.839
%RSD	.5277612	.0475665	.2222461	.1951471	.0705197

#1	2380.479	2748.183	51891.61	5085.650	4029.496
#2	2371.328	2746.152	51704.06	5066.300	4024.847
#3	2396.191	2745.743	51682.44	5079.675	4024.347

Sample Name: J5254-06 Acquired: 10/23/2018 13:13:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLCM8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0494006	.0537737	.0960120	.0638221	.1129807	2.228036	2.309993
Stddev	.0020801	.0006412	.0013906	.0011102	.0016285	.005767	.001075
%RSD	4.210583	1.192419	1.448338	1.739515	1.441417	.2588207	.0465555

#1	.0479556	.0536979	.0976162	.0639798	.1117784	2.232465	2.311036
#2	.0484617	.0544494	.0952697	.0626415	.1148340	2.221515	2.308888
#3	.0517846	.0531737	.0951500	.0648450	.1123298	2.230127	2.310054

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0559767	.0578727	17.12625	.2247410	.5469502	.2982231	3.351979
Stddev	.0003049	.0001321	.08087	.0017348	.0003246	.0040399	.042958
%RSD	.5446845	.2282619	.4722076	.7719054	.0593465	1.354639	1.281579

#1	.0557307	.0577203	17.18406	.2244795	.5467092	.2952758	3.309314
#2	.0558817	.0579439	17.16085	.2265917	.5473193	.3028281	3.351397
#3	.0563178	.0579539	17.03383	.2231518	.5468220	.2965654	3.395225

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9770085	5.315090	.5707634	.0493425	3.928351	.5977616	.9778471
Stddev	.0045951	.141503	.0014531	.0003740	.368211	.0083865	.0191136
%RSD	.4703278	2.662282	.2545910	.7578970	9.373159	1.402991	1.954661

#1	.9780269	5.404881	.5723303	.0489138	4.047445	.5918817	.9906869
#2	.9810091	5.151973	.5704998	.0496016	4.222274	.5940380	.9869735
#3	.9719896	5.388415	.5694601	.0495122	3.515333	.6073652	.9558810

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1427923	.0994059	.0158944	.0000114	88.15898	10.54870	-.003431
Stddev	.0357733	.0029929	.0004714	.0002491	.12456	.06057	.000406
%RSD	25.05268	3.010772	2.965568	2191.887	.1412848	.5741676	11.82882

#1	.1762526	.1019522	.0164280	.0001442	88.01686	10.52997	-.003453
#2	.1470391	.1001563	.0157203	-.000276	88.24918	10.49971	-.003015
#3	.1050852	.0961093	.0155348	.000166	88.21091	10.61642	-.003826

Sample Name: J5254-06 Acquired: 10/23/2018 13:13:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLCM8S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0060290	-.011752	.0964817
Stddev	.0015089	.000634	.0001241
%RSD	25.02725	5.396779	.1285967

#1	.0056609	-.012247	.0964586
#2	.0047382	-.011971	.0963708
#3	.0076879	-.011037	.0966157

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2353.174	2718.507	51076.17	5029.809	3963.541
Stddev	4.975	2.458	155.10	22.318	4.637
%RSD	.2113963	.0904236	.3036649	.4437051	.1169959

#1	2350.100	2715.995	50901.05	5049.401	3958.238
#2	2350.510	2718.618	51196.22	5034.512	3966.833
#3	2358.914	2720.907	51131.24	5005.515	3965.552

Sample Name: J5254-04LX5 Acquired: 10/23/2018 13:17:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLCM8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002067	-.000627	.0145816	.0008238	.0007302	.0167429	.0097629
Stddev	.001945	.002802	.0005066	.0030935	.0014408	.0123801	.0002438
%RSD	94.13073	446.6723	3.474378	375.4959	197.3066	73.94237	2.497074

#1	-.000954	.002556	.0140004	-.001062	.0023389	.0302743	.0096619
#2	-.000933	-.002720	.0149299	.004394	-.000441	.0059845	.0100410
#3	-.004313	-.001719	.0148145	-.000860	.000293	.0139698	.0095858

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000778	.0004752	3.431089	.0013444	.0001452	.0013555	.4439659
Stddev	.0000561	.0000273	.013471	.0003820	.0001007	.0051167	.0199973
%RSD	72.13365	5.748062	.3926271	28.41199	69.36037	377.4869	4.504251

#1	.0000426	.0004662	3.431804	.0010573	.0000307	-.002151	.4348376
#2	.0000482	.0004536	3.417274	.0017779	.0002202	.007227	.4668985
#3	.0001424	.0005060	3.444188	.0011980	.0001846	-.001009	.4301616

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0862022	1.078334	.0015547	.0009300	.8112706	-.001775	.0769061
Stddev	.0018442	.057378	.0002249	.0002770	.1719381	.008370	.0097066
%RSD	2.139352	5.321029	14.46786	29.78458	21.19368	471.4948	12.62137

#1	.0861062	1.135014	.0016420	.0012497	.7180844	-.000606	.0693074
#2	.0844080	1.079705	.0017229	.0007792	1.009686	.005948	.0735702
#3	.0880926	1.020282	.0012992	.0007612	.706042	-.010668	.0878408

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.182187	.0049598	.0023557	.0001128	17.32449	2.087237	-.002190
Stddev	.067739	.0011088	.0010997	.0000742	.04768	.005894	.000038
%RSD	37.18075	22.35584	46.68239	65.73438	.2752381	.2823782	1.734514

#1	-.255863	.0037118	.0032248	.0000687	17.31382	2.090920	-.002147
#2	-.122603	.0053361	.0011194	.0000713	17.37660	2.090352	-.002218
#3	-.168096	.0058315	.0027229	.0001984	17.28304	2.080440	-.002205

Sample Name: J5254-04LX5 Acquired: 10/23/2018 13:17:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLCM8L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0017269	-.008914	.0195381
Stddev	.0024994	.002766	.0000647
%RSD	144.7324	31.03393	.3311784

#1	.0028668	-.011385	.0196067
#2	-.001139	-.005926	.0195293
#3	.003453	-.009432	.0194782

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2292.204	2679.584	50058.22	4964.333	3915.223
Stddev	16.809	7.001	82.11	16.865	13.341
%RSD	.7332972	.2612642	.1640387	.3397320	.3407483

#1	2307.543	2671.561	50152.15	4980.375	3899.935
#2	2294.833	2682.735	50000.05	4965.875	3921.226
#3	2274.236	2684.456	50022.46	4946.750	3924.509

Sample Name: J5254-07 Acquired: 10/23/2018 13:21:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLCM9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000326	.0026299	.0006459	-.000967	-.001483	.0004893	-.002013
Stddev	.001934	.0005758	.0010585	.001600	.001703	.0159543	.001403
%RSD	594.2464	21.89304	163.8785	165.4987	114.8642	3260.719	69.71180

#1	.000842	.0028739	.0017237	-.000981	-.001105	-.016892	-.000614
#2	.000740	.0030435	.0006061	.000640	.000000	.014468	-.002005
#3	-.002558	.0019723	-.000392	-.002560	-.003343	.003891	-.003420

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001588	-.000068	.0071051	.0003615	-.000076	-.000956	.0120842
Stddev	.0000377	.000019	.0070726	.0001373	.000161	.001453	.0147722
%RSD	23.73436	27.47975	99.54250	37.97630	212.7127	151.9568	122.2440

#1	.0001601	-.000085	.0076193	.0004445	.000016	.000347	.0238092
#2	.0001204	-.000048	-.000211	.0004371	.000019	-.000693	.0169508
#3	.0001957	-.000071	.013906	.0002031	-.000261	-.002523	-.004507

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000359	.0078304	.0005633	.0008980	-.176846	-.002065	.0077925
Stddev	.000583	.0107065	.0003355	.0002214	.150905	.004041	.0008072
%RSD	162.4865	136.7308	59.55232	24.65994	85.33123	195.7329	10.35856

#1	-.000836	.0201852	.0004430	.0009673	-.333787	.001908	.0077531
#2	-.000532	.0012691	.0003046	.0010765	-.163945	-.001931	.0070058
#3	.000291	.0020368	.0009424	.0006502	-.032806	-.006171	.0086188

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.08578	-.004193	-.002382	-.000154	.0771831	-.004040	-.003218
Stddev	.01416	.001679	.000332	.000232	.0179142	.000823	.000154
%RSD	.6789517	40.04357	13.93228	150.6619	23.21005	20.35957	4.776230

#1	-2.10077	-.005862	-.002318	-.000046	.0977980	-.003093	-.003352
#2	-2.08393	-.004212	-.002087	.000004	.0683549	-.004447	-.003253
#3	-2.07263	-.002504	-.002741	-.000420	.0653963	-.004580	-.003050

Sample Name: J5254-07 Acquired: 10/23/2018 13:21:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLCM9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000892	-.016323	-.000070
Stddev	.000527	.001738	.000036
%RSD	59.04953	10.64686	51.24992

#1	-.000910	-.017803	-.000088
#2	-.000356	-.016756	-.000029
#3	-.001409	-.014409	-.000092

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2395.970	2776.318	51845.76	5106.608	4006.670
Stddev	7.510	4.673	130.80	23.116	8.722
%RSD	.3134540	.1683343	.2522785	.4526703	.2176923

#1	2404.632	2781.207	51996.79	5088.600	4016.409
#2	2392.005	2771.894	51770.33	5132.675	3999.578
#3	2391.273	2775.854	51770.16	5098.550	4004.023

Sample Name: J5254-08 Acquired: 10/23/2018 13:25:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLCN8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0927542	.0090664	.0156388	.0019421	.0026159	.0074774	.0544199
Stddev	.0028534	.0007475	.0008998	.0024983	.0008698	.0082652	.0010918
%RSD	3.076328	8.245105	5.753350	128.6427	33.25090	110.5359	2.006209

#1	.0959175	.0086553	.0158256	.0038435	.0016117	.0020640	.0556806
#2	.0919708	.0086147	.0164304	-.000888	.0031311	.0169911	.0537813
#3	.0903743	.0099293	.0146603	.002870	.0031050	.0033771	.0537979

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001139	-.000125	26.89860	-.007102	.0090064	-.001897	30.30841
Stddev	.0000300	.000041	.12592	.000157	.0000880	.002133	.23101
%RSD	26.38444	32.89279	.4681196	2.217442	.9769291	112.4721	.7621890

#1	.0001430	-.000088	27.03569	-.006927	.0090571	-.003913	30.17727
#2	.0001156	-.000119	26.78810	-.007149	.0089048	.000336	30.57514
#3	.0000830	-.000170	26.87202	-.007232	.0090573	-.002112	30.17281

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.714947	21.19066	.0044133	.0019288	6.028135	-.002764	11.46292
Stddev	.014061	.05370	.0001163	.0000662	.163290	.007058	.05274
%RSD	.1822571	.2534340	2.635212	3.432286	2.708802	255.3360	.4600841

#1	7.729162	21.16396	.0043452	.0020053	5.871727	-.010663	11.48488
#2	7.701045	21.25248	.0045476	.0018910	6.197531	.002926	11.50113
#3	7.714633	21.15555	.0043472	.0018903	6.015148	-.000556	11.40275

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1340405	.3411430	.0398233	.0004567	188.6423	13.20356	-.002890
Stddev	.0151256	.0021406	.0017760	.0000214	.4408	.02555	.000321
%RSD	11.28432	.6274916	4.459770	4.681597	.2336493	.1935282	11.11341

#1	.1166333	.3406125	.0377813	.0004760	188.5965	13.21126	-.002684
#2	.1439785	.3393176	.0410081	.0004604	188.2262	13.22438	-.003260
#3	.1415097	.3434991	.0406805	.0004337	189.1041	13.17504	-.002727

Sample Name: J5254-08 Acquired: 10/23/2018 13:25:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLCN8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000110	-.008587	.1503119
Stddev	.000490	.000330	.0000676
%RSD	446.3635	3.846659	.0449625

#1	.000071	-.008205	.1503576
#2	-.000664	-.008790	.1503438
#3	.000264	-.008765	.1502342

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2350.299	2712.201	51474.71	5072.933	3946.982
Stddev	4.450	3.712	101.31	5.766	3.543
%RSD	.1893432	.1368504	.1968114	.1136530	.0897714

#1	2345.313	2716.327	51503.98	5066.700	3949.873
#2	2353.867	2709.133	51361.99	5074.025	3948.044
#3	2351.719	2711.143	51558.15	5078.075	3943.029

Sample Name: J5254-09 Acquired: 10/23/2018 13:29:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLCN9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0151917	.0021216	.0116597	-.000390	-.000686	.0421932	.0482413
Stddev	.0009490	.0008710	.0010657	.002405	.000138	.0034097	.0007596
%RSD	6.246955	41.05224	9.140085	617.2293	20.11401	8.081122	1.574563

#1	.0146873	.0023614	.0126494	-.002029	-.000609	.0434535	.0483418
#2	.0146014	.0028476	.0105315	-.001512	-.000846	.0447934	.0474365
#3	.0162864	.0011559	.0117983	.002372	-.000604	.0383328	.0489457

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002250	-.000222	43.96699	-.001648	.0030753	.0037237	19.34418
Stddev	.0000558	.000055	.11352	.000668	.0001464	.0001459	.14389
%RSD	24.80564	24.92211	.2581985	40.50221	4.761954	3.917769	.7438228

#1	.0002516	-.000164	44.09453	-.002158	.0032053	.0035553	19.17804
#2	.0001609	-.000228	43.87702	-.001894	.0029166	.0038120	19.42663
#3	.0002625	-.000274	43.92941	-.000893	.0031040	.0038037	19.42787

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.306815	14.00677	.0009707	.0015949	7.387345	-.003001	.0962422
Stddev	.002426	.16624	.0001909	.0002893	.358705	.002258	.0047068
%RSD	.1856390	1.186824	19.66700	18.13785	4.855668	75.25946	4.890613

#1	1.309020	13.95358	.0009932	.0015427	7.603465	-.003193	.0991828
#2	1.307207	13.87364	.0007696	.0019067	7.585288	-.005156	.0987303
#3	1.304216	14.19309	.0011494	.0013353	6.973281	-.000652	.0908135

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4395152	.1473410	.0238012	.0001239	225.5460	12.13015	-.004362
Stddev	.0526505	.0010820	.0004490	.0000853	.4542	.08453	.000998
%RSD	11.97921	.7343316	1.886564	68.86227	.2013758	.6968792	22.88315

#1	.4919704	.1464514	.0235693	.0001469	226.0695	12.11807	-.004468
#2	.3866716	.1470262	.0243187	.0000294	225.3127	12.05232	-.005303
#3	.4399036	.1485455	.0235155	.0001954	225.2559	12.22008	-.003315

Sample Name: J5254-09 Acquired: 10/23/2018 13:29:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLCN9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000727	-.013287	.1108614
Stddev	.000381	.000955	.0001005
%RSD	52.49538	7.185249	.0906894

#1	-.001153	-.013665	.1107458
#2	-.000609	-.012201	.1109100
#3	-.000418	-.013995	.1109284

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2349.615	2710.747	51427.37	5062.342	3965.243
Stddev	6.562	3.313	63.28	29.302	1.957
%RSD	.2792899	.1222307	.1230447	.5788194	.0493601

#1	2356.908	2713.977	51500.32	5068.950	3966.428
#2	2347.751	2710.910	51394.42	5087.775	3966.317
#3	2344.186	2707.356	51387.36	5030.300	3962.984

Sample Name: J5254-10 Acquired: 10/23/2018 13:33:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLCP0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005463	.0008530	.0053048	.0017664	-.000536	.0088580	.0204210
Stddev	.002144	.0021520	.0011354	.0015840	.000513	.0053857	.0001514
%RSD	39.24957	252.2945	21.40267	89.67710	95.80111	60.80118	.7415895

#1	-.006173	.0031676	.0053347	.0001182	-.001079	.0149775	.0203368
#2	-.003054	.0004784	.0041548	.0019037	-.000059	.0048392	.0203303
#3	-.007161	-.001087	.0064250	.0032773	-.000469	.0067571	.0205958

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001510	.0003204	24.34312	.0005938	-.000168	.0003421	.0242070
Stddev	.0000558	.0000525	.09820	.0002100	.000141	.0073423	.0168405
%RSD	36.98197	16.39671	.4034082	35.35895	84.08747	2146.325	69.56889

#1	.0001973	.0002655	24.45067	.0005027	-.000081	-.007875	.0263049
#2	.0001666	.0003702	24.32048	.0008339	-.000331	.002643	.0399003
#3	.0000890	.0003256	24.25822	.0004447	-.000092	.006259	.0064158

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0252779	7.133944	.0086476	.0012662	7.033007	-.002730	2.074254
Stddev	.0007624	.066742	.0001048	.0004926	.178723	.003605	.057787
%RSD	3.016220	.9355588	1.212267	38.90106	2.541197	132.0556	2.785898

#1	.0261273	7.192721	.0086079	.0012172	7.086929	.001187	2.028938
#2	.0246527	7.147722	.0085683	.0008000	6.833532	-.003467	2.139329
#3	.0250536	7.061388	.0087664	.0017815	7.178559	-.005909	2.054496

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.307623	.0048826	.0138943	-.000200	216.7500	11.46354	-.003827
Stddev	.045101	.0020370	.0008063	.000030	5.1678	.05717	.000170
%RSD	14.66110	41.71943	5.802915	14.93386	2.384233	.4987316	4.432682

#1	-.280064	.0058564	.0146403	-.000181	213.7430	11.52955	-.003636
#2	-.283133	.0025415	.0140036	-.000235	213.7899	11.43014	-.003887
#3	-.359671	.0062499	.0130389	-.000186	222.7173	11.43092	-.003959

Sample Name: J5254-10 Acquired: 10/23/2018 13:33:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLCP0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001894	-.010211	.0671038
Stddev	.0024986	.000969	.0002084
%RSD	1319.352	9.487944	.3105804

#1	.0013251	-.009520	.0673360
#2	.0019184	-.011319	.0670423
#3	-.002675	-.009795	.0669331

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2346.463	2678.764	51127.72	5041.567	3937.899
Stddev	9.663	54.556	95.29	35.759	79.969
%RSD	.4118006	2.036596	.1863755	.7092891	2.030753

#1	2335.351	2713.559	51048.02	5001.200	3988.881
#2	2352.893	2706.846	51101.87	5054.225	3979.084
#3	2351.144	2615.888	51233.26	5069.275	3845.732

Sample Name: J5254-11 Acquired: 10/23/2018 13:37:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLCP1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102891	.0029647	.0480976	-.001010	-.000545	.0194950	.0820900
Stddev	.0019657	.0027782	.0019322	.001918	.000262	.0087982	.0002451
%RSD	19.10464	93.70869	4.017186	189.9392	48.11741	45.13082	.2985834

#1	.0115977	.0052478	.0477694	-.000503	-.000297	.0165536	.0822235
#2	.0080287	.0037748	.0501728	-.003131	-.000820	.0125442	.0822393
#3	.0112408	-.000128	.0463505	.000604	-.000518	.0293871	.0818071

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000836	.0000929	28.22681	-.001660	.0029153	.0012203	9.397125
Stddev	.0000428	.0000255	.14687	.000242	.0002833	.0036518	.022575
%RSD	51.25958	27.41882	.5203314	14.59186	9.716257	299.2551	.2402342

#1	.0000358	.0000651	28.07071	-.001381	.0028022	.0054174	9.421307
#2	.0000963	.0001150	28.36227	-.001817	.0032377	-.001231	9.393463
#3	.0001186	.0000986	28.24744	-.001782	.0027061	-.000526	9.376605

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.507844	8.947905	.0043517	.0013780	6.081644	-.004587	1.388958
Stddev	.010789	.049587	.0001909	.0000777	.229983	.005603	.024616
%RSD	.4301981	.5541778	4.386931	5.641623	3.781592	122.1433	1.772274

#1	2.495602	8.894668	.0041325	.0012939	6.318347	.001848	1.385581
#2	2.515963	8.992780	.0044402	.0013928	6.067556	-.007230	1.366205
#3	2.511967	8.956265	.0044822	.0014473	5.859029	-.008380	1.415088

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3883116	.0623234	.0243169	-.000222	120.9031	10.69927	-.003747
Stddev	.1082830	.0009833	.0005010	.000144	.2323	.04541	.000737
%RSD	27.88561	1.577738	2.060167	64.91592	.1921037	.4244328	19.66253

#1	.2964391	.0620961	.0238255	-.000339	121.1682	10.68349	-.003951
#2	.5076971	.0614736	.0242982	-.000266	120.8059	10.75046	-.004361
#3	.3607985	.0634004	.0248269	-.000061	120.7352	10.66385	-.002930

Sample Name: J5254-11 Acquired: 10/23/2018 13:37:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLCP1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001635	-.013223	.0929138
Stddev	.001553	.000705	.0005534
%RSD	95.01411	5.334109	.5955997

#1	-.003231	-.012504	.0923550
#2	-.001546	-.013914	.0934616
#3	-.000128	-.013251	.0929249

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2336.438	2693.433	50816.15	5028.950	3949.893
Stddev	8.934	2.103	136.92	25.985	7.243
%RSD	.3823660	.0780801	.2694353	.5167032	.1833787

#1	2340.213	2692.072	50883.76	5035.975	3941.922
#2	2326.237	2692.373	50658.58	5000.175	3956.072
#3	2342.865	2695.855	50906.11	5050.700	3951.686

Sample Name: J5254-12 Acquired: 10/23/2018 13:41:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLCP2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0194205	.0030331	.0057833	-.003004	-.000517	.0234041	.0304827
Stddev	.0009291	.0019374	.0003901	.001554	.001165	.0059257	.0011408
%RSD	4.784132	63.87547	6.745468	51.71701	225.6173	25.31930	3.742569

#1	.0199390	.0018759	.0062337	-.001411	-.001713	.0197926	.0295742
#2	.0183479	.0019535	.0055645	-.003086	-.000451	.0201767	.0317631
#3	.0199747	.0052697	.0055516	-.004516	.000615	.0302429	.0301109

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001075	-.000149	41.87751	-.001389	.0061285	-.000529	7.032899
Stddev	.0000309	.000073	.11538	.000054	.0002702	.001250	.060000
%RSD	28.74720	48.88643	.2755149	3.898634	4.409324	236.4475	.8531340

#1	.0001431	-.000078	41.99471	-.001441	.0058327	-.001236	7.079373
#2	.0000877	-.000146	41.76404	-.001333	.0061906	-.001266	7.054161
#3	.0000916	-.000224	41.87378	-.001393	.0063624	.000915	6.965163

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.636537	14.36639	.0074094	.0010811	15.85015	.0010061	7.670011
Stddev	.008907	.11508	.0000606	.0002801	.28014	.0061657	.064939
%RSD	.3378257	.8010547	.8173040	25.91018	1.767453	612.8035	.8466572

#1	2.635020	14.23489	.0073440	.0008005	15.80965	-.002773	7.626631
#2	2.628487	14.44869	.0074634	.0013607	16.14834	-.002330	7.638732
#3	2.646106	14.41560	.0074210	.0010821	15.59246	.008121	7.744669

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4591543	.0815928	.0151723	-.000136	382.7388	8.202109	-.003743
Stddev	.0414481	.0015161	.0010155	.000144	.6184	.066484	.000889
%RSD	9.027041	1.858149	6.693162	106.2741	.1615705	.8105730	23.74121

#1	.4113258	.0823141	.0140106	-.000027	382.8286	8.188234	-.003583
#2	.4845741	.0826136	.0156145	-.000299	382.0804	8.274435	-.002945
#3	.4815630	.0798507	.0158917	-.000080	383.3073	8.143657	-.004700

Sample Name: J5254-12 Acquired: 10/23/2018 13:41:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLCP2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001938	-.011149	.1145534
Stddev	.001837	.000940	.0001206
%RSD	94.81415	8.434787	.1052571

#1	-.002110	-.011619	.1146128
#2	-.000020	-.010066	.1146328
#3	-.003683	-.011761	.1144147

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2358.642	2715.637	51608.32	5125.067	3980.247
Stddev	13.745	7.770	20.10	25.692	8.041
%RSD	.5827612	.2861376	.0389392	.5013018	.2020206

#1	2364.419	2722.819	51595.33	5125.625	3978.137
#2	2368.555	2716.704	51631.47	5099.100	3989.133
#3	2342.951	2707.389	51598.17	5150.475	3973.471

Sample Name: J5254-13 Acquired: 10/23/2018 13:45:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLCP3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006875	.0000424	.0029936	.0015824	-.000039	.0059288	.0501179
Stddev	.001827	.0033475	.0017754	.0008302	.001204	.0189408	.0003615
%RSD	26.57063	7895.220	59.30471	52.46622	3107.826	319.4727	.7212817

#1	-.006501	.0027965	.0033746	.0007054	-.001158	-.015845	.0499638
#2	-.008860	.0010141	.0010587	.0023562	.001236	.018603	.0498590
#3	-.005264	-.003683	.0045476	.0016856	-.000195	.015028	.0505309

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001532	.0131277	28.86636	.0003357	-.000731	-.000044	.0026265
Stddev	.0000396	.0000577	.05280	.0001332	.000214	.005774	.0084992
%RSD	25.88298	.4396624	.1828993	39.68196	29.26330	13126.26	323.6004

#1	.0001461	.0131752	28.80659	.0002231	-.000827	-.004931	-.007180
#2	.0001175	.0130635	28.88588	.0004827	-.000486	-.001528	.007187
#3	.0001959	.0131444	28.90662	.0003013	-.000880	.006327	.007872

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1774531	9.386956	.0058213	.0009601	6.271156	-.000151	2.368329
Stddev	.0025399	.054863	.0006197	.0001694	.120991	.002043	.035188
%RSD	1.431330	.5844652	10.64486	17.64590	1.929324	1355.217	1.485790

#1	.1751073	9.388163	.0065226	.0011184	6.239559	-.001515	2.372054
#2	.1771015	9.331499	.0053478	.0009803	6.404811	.002198	2.401507
#3	.1801506	9.441207	.0055936	.0007814	6.169099	-.001135	2.331426

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4000019	.0032479	.0153318	-.000164	190.7201	9.781043	-.003337
Stddev	.0617495	.0029454	.0003098	.000172	.5581	.026438	.001039
%RSD	15.43730	90.68388	2.020816	105.0239	.2926175	.2702998	31.12752

#1	.3289185	.0060762	.0149960	-.000161	191.2248	9.797708	-.003490
#2	.4307102	.0001980	.0153928	.000007	190.1207	9.750560	-.004290
#3	.4403770	.0034696	.0156066	-.000338	190.8148	9.794862	-.002230

Sample Name: J5254-13 Acquired: 10/23/2018 13:45:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLCP3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000801	-.010675	.0953535
Stddev	.001255	.000683	.0000068
%RSD	156.5729	6.401959	.0071785

#1	.000546	-.009990	.0953535
#2	-.001014	-.010677	.0953467
#3	-.001936	-.011357	.0953604

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2320.499	2688.250	50933.22	5028.725	3945.370
Stddev	10.495	2.229	48.95	5.945	7.262
%RSD	.4522633	.0829251	.0961119	.1182199	.1840647

#1	2312.363	2686.492	50883.42	5034.075	3947.947
#2	2316.788	2690.757	50981.28	5029.775	3950.993
#3	2332.344	2687.501	50934.96	5022.325	3937.171

Sample Name: J5254-14 Acquired: 10/23/2018 13:50:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLCP4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072544	.0035574	.0050060	.0006607	.0006272	.0122347	.0777330
Stddev	.0013356	.0035458	.0008193	.0009216	.0003977	.0081905	.0006333
%RSD	18.41104	99.67381	16.36719	139.5035	63.41227	66.94509	.8147243

#1	.0071081	.0052184	.0041571	.0012031	.0003102	.0150994	.0770496
#2	.0059979	.0059678	.0057921	-.000403	.0010734	.0029966	.0778493
#3	.0086571	-.000514	.0050688	.001182	.0004979	.0186081	.0783001

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000689	-.000079	31.42491	-.000727	.0037443	-.000530	3.399603
Stddev	.0000199	.000034	.11402	.000062	.0001004	.002420	.013150
%RSD	28.85211	43.27821	.3628207	8.584490	2.681465	456.9992	.3868200

#1	.0000536	-.000041	31.37186	-.000793	.0037436	.002259	3.388109
#2	.0000913	-.000087	31.55579	-.000721	.0038450	-.002085	3.413943
#3	.0000616	-.000107	31.34710	-.000668	.0036442	-.001763	3.396756

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.198273	13.07912	.0079880	.0012200	6.602783	-.000397	2.330360
Stddev	.004745	.10635	.0002429	.0004090	.110784	.001194	.014754
%RSD	.2158317	.8131101	3.040791	33.52310	1.677832	300.4798	.6331218

#1	2.198151	12.96892	.0077931	.0014770	6.628494	-.001503	2.343899
#2	2.203077	13.18115	.0082601	.0007484	6.698451	.000869	2.332546
#3	2.193590	13.08729	.0079108	.0014347	6.481405	-.000558	2.314635

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4332173	.1010419	.0221439	-.000296	239.4634	11.56179	-.003500
Stddev	.0279244	.0020844	.0007343	.000044	.4200	.10662	.000686
%RSD	6.445817	2.062908	3.316126	14.81663	.1754015	.9221457	19.60953

#1	.4099729	.1019670	.0229847	-.000322	238.9803	11.65777	-.003390
#2	.4254864	.0986551	.0218189	-.000320	239.7425	11.44703	-.002875
#3	.4641927	.1025038	.0216282	-.000245	239.6674	11.58055	-.004234

Sample Name: J5254-14 Acquired: 10/23/2018 13:50:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLCP4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002537	-.011582	.0993645
Stddev	.001340	.000638	.0001366
%RSD	52.81547	5.509005	.1374509

#1	-.003955	-.011715	.0992138
#2	-.001292	-.010888	.0994800
#3	-.002365	-.012143	.0993997

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2332.447	2695.940	51116.21	5056.875	3952.006
Stddev	8.212	8.611	149.45	24.655	10.319
%RSD	.3520870	.3193988	.2923799	.4875612	.2611060

#1	2340.481	2704.517	51157.70	5046.325	3963.694
#2	2332.793	2696.007	50950.39	5085.050	3948.171
#3	2324.068	2687.296	51240.53	5039.250	3944.154

Sample Name: J5254-15 Acquired: 10/23/2018 13:54:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLCP5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001871	.0068110	.0029777	-.000958	-.001231	.0091638	.0555468
Stddev	.003803	.0021618	.0010064	.000751	.001204	.0140526	.0004631
%RSD	203.3089	31.74035	33.79741	78.38260	97.74951	153.3487	.8337882

#1	-.003367	.0043518	.0018377	-.000726	-.002154	.0249877	.0560380
#2	-.004697	.0084118	.0033528	-.000350	-.001670	.0043631	.0551180
#3	.002453	.0076694	.0037427	-.001797	.000130	-.001859	.0554844

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000058	.0123080	58.21994	-.001613	.0039144	-.000156	.3915263
Stddev	.000041	.0001047	.23987	.000106	.0001184	.002676	.0197342
%RSD	70.32209	.8506697	.4120144	6.554006	3.025468	1717.397	5.040315

#1	-.000012	.0123401	58.29650	-.001674	.0039806	.002109	.3744421
#2	-.000089	.0121910	58.41219	-.001674	.0039850	.000532	.4131273
#3	-.000074	.0123928	57.95113	-.001491	.0037777	-.003109	.3870094

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.322346	17.80648	.0046422	.0014411	6.968115	-.003948	3.796610
Stddev	.009855	.11239	.0003446	.0003146	.191482	.003594	.042373
%RSD	.2279989	.6311975	7.423121	21.83184	2.747975	91.01873	1.116062

#1	4.324607	17.83932	.0043802	.0011195	6.789163	-.008066	3.748321
#2	4.330874	17.89880	.0045137	.0017483	7.170052	-.002332	3.827577
#3	4.311557	17.68133	.0050325	.0014554	6.945129	-.001447	3.813932

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.444006	.0142149	.0168263	-.000140	443.1977	6.846151	-.004186
Stddev	.052993	.0015985	.0008893	.000179	1.1113	.041899	.000741
%RSD	3.669878	11.24519	5.285363	127.6353	.2507357	.6120100	17.70130

#1	1.490613	.0131365	.0158206	.000019	441.9507	6.873217	-.003376
#2	1.455041	.0134568	.0171493	-.000106	443.5590	6.867347	-.004351
#3	1.386364	.0160514	.0175090	-.000334	444.0833	6.797889	-.004830

Sample Name: J5254-15 Acquired: 10/23/2018 13:54:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLCP5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000399	-.011051	.1557545
Stddev	.000252	.000969	.0001379
%RSD	63.17661	8.771387	.0885463

#1	-.000217	-.009945	.1556096
#2	-.000293	-.011453	.1557699
#3	-.000687	-.011754	.1558841

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2319.776	2655.085	50822.37	5022.699	3891.911
Stddev	.944	8.753	110.71	33.159	12.822
%RSD	.0406903	.3296561	.2178326	.6601819	.3294588

#1	2318.689	2664.661	50723.80	5000.374	3906.634
#2	2320.244	2653.094	50801.16	5006.922	3885.908
#3	2320.394	2647.499	50942.15	5060.801	3883.191

Sample Name: J5321-23 Acquired: 10/23/2018 14:02:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACM5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8693066	-.016448	.3737583	.1559883	.5939663	17.26452	.0547919
Stddev	.0054785	.001210	.0020251	.0013443	.0029665	.04260	.0005551
%RSD	.6302145	7.357965	.5418129	.8617972	.4994408	.2467589	1.013165

#1	.8630861	-.017843	.3754671	.1554726	.5962405	17.29451	.0553319
#2	.8734131	-.015688	.3742862	.1575141	.5906108	17.28330	.0542228
#3	.8714208	-.015812	.3715215	.1549782	.5950476	17.21575	.0548208

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2433566	.1718653	8.354837	.0275778	.3144152	.2824207	37.62008
Stddev	.0009147	.0003220	.015179	.0004622	.0004264	.0030108	.29626
%RSD	.3758614	.1873735	.1816848	1.675903	.1356340	1.066068	.7875154

#1	.2423577	.1715486	8.346509	.0272064	.3149076	.2851168	37.89271
#2	.2435589	.1718548	8.345645	.0280954	.3141716	.2829735	37.66271
#3	.2441532	.1721924	8.372358	.0274316	.3141663	.2791718	37.30481

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3535258	63.54362	.3621198	.0795363	43.14271	1.402512	.0623054
Stddev	.0033202	.35801	.0001861	.0002958	.17164	.018994	.0243698
%RSD	.9391757	.5634137	.0514020	.3719348	.3978527	1.354281	39.11347

#1	.3501192	63.79146	.3621781	.0795346	42.99532	1.411766	.0890053
#2	.3537058	63.70624	.3622699	.0798330	43.10164	1.415105	.0566511
#3	.3567524	63.13316	.3619115	.0792413	43.33116	1.380665	.0412598

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.272008	.1168816	.0842203	.0030348	6.201776	5.095043	.0015934
Stddev	.045557	.0043974	.0011686	.0002126	.019755	.024929	.0012174
%RSD	3.581479	3.762273	1.387586	7.004394	.3185337	.4892867	76.40170

#1	1.307687	.1119462	.0851732	.0027937	6.221163	5.066426	.0003882
#2	1.220692	.1183158	.0845714	.0031151	6.202493	5.112053	.0015693
#3	1.287644	.1203829	.0829164	.0031955	6.181672	5.106649	.0028227

Sample Name: J5321-23 Acquired: 10/23/2018 14:02:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACM5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5415086	-.002621	.0217100
Stddev	.0007850	.000354	.0000912
%RSD	.1449578	13.51174	.4200836

#1	.5422432	-.002862	.0216209
#2	.5416010	-.002787	.0217062
#3	.5406815	-.002215	.0218031

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2283.748	2641.505	50546.74	5006.875	3721.270
Stddev	14.021	.567	105.88	7.123	2.177
%RSD	.6139635	.0214809	.2094726	.1422728	.0584977

#1	2267.647	2642.053	50477.99	5014.375	3723.450
#2	2293.271	2640.920	50493.56	5000.200	3721.264
#3	2290.326	2641.541	50668.67	5006.050	3719.096

Sample Name: CCV075 Acquired: 10/23/2018 14:10:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV075 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.837043	4.794181	22.83415	4.740382	4.848254	405.5814
Stddev	.011891	.015961	.07742	.005872	.015323	.6751
%RSD	.2458375	.3329171	.3390323	.1238700	.3160501	.1664475

#1	4.835724	4.801047	22.80985	4.746780	4.862973	405.2003
#2	4.825866	4.775936	22.77180	4.735239	4.832392	405.1831
#3	4.849538	4.805559	22.92080	4.739127	4.849398	406.3609

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.761946	.4667790	2.315069	369.7487	14.22780	2.353838
Stddev	.002852	.0032257	.007212	.9323	.04925	.008407
%RSD	.0292115	.6910537	.3115095	.2521497	.3461585	.3571601

#1	9.759743	.4630573	2.312388	368.7120	14.18153	2.354175
#2	9.765167	.4687703	2.309582	370.5184	14.22231	2.345268
#3	9.760928	.4685093	2.323237	370.0157	14.27957	2.362071

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.56529	406.5289	13.55727	389.3229	2.408886	1.164462
Stddev	.03376	.4560	.08262	.7087	.008306	.005097
%RSD	.2317530	.1121664	.6094375	.1820324	.3447947	.4377474

#1	14.53846	406.1320	13.47864	388.5349	2.406047	1.170344
#2	14.60319	407.0270	13.64338	389.5255	2.402372	1.161706
#3	14.55423	406.4277	13.54979	389.9081	2.418239	1.161337

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	396.7883	2.468887	14.39659	147.7805	F 5.337830	4.751843
Stddev	.7973	.011953	.10861	.0916	.016061	.029383
%RSD	.2009421	.4841331	.7544177	.0619934	.3008877	.6183537

#1	395.9538	2.479561	14.35694	147.8150	5.342339	4.719920
#2	396.8686	2.455973	14.51945	147.6766	5.319997	4.777758
#3	397.5424	2.471129	14.31337	147.8498	5.351155	4.757850

Sample Name: CCV075 Acquired: 10/23/2018 14:10:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV075 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.754504	F 43.65659	4.646783	4.931882	4.641506	4.969884
Stddev	.006715	.12381	.030625	.017816	.016149	.008438
%RSD	.1412403	.2835890	.6590558	.3612410	.3479213	.1697877

#1	4.761525	43.51364	4.613407	4.939479	4.640663	4.960541
#2	4.748144	43.72770	4.673591	4.911527	4.625795	4.972161
#3	4.753842	43.72845	4.653351	4.944640	4.658060	4.976950

Elem	Sr4077
Units	ppm
Avg	4.860905
Stddev	.010033
%RSD	.2064050

#1	4.853708
#2	4.872366
#3	4.856642

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1992.035	2230.625	46970.20	4696.388	3062.614
Stddev	2.952	2.889	117.50	10.446	5.184
%RSD	.1482066	.1294944	.2501533	.2224340	.1692779

#1	1989.411	2227.317	47024.24	4704.629	3063.599
#2	1991.462	2231.907	47050.95	4684.639	3067.235
#3	1995.232	2232.651	46835.40	4699.895	3057.008

Sample Name: CCB075 Acquired: 10/23/2018 14:13:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB075 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002710	-.000421	-.000023	.0023021	.0004370	-.001548	-.004094
Stddev	.003363	.000511	.000573	.0015689	.0012021	.013963	.000961
%RSD	124.1349	121.5749	2521.987	68.15318	275.0646	901.8237	23.46403

#1	.000367	.000016	.000598	.0035608	-.000756	.010589	-.003251
#2	-.006300	-.000983	-.000134	.0005443	.000419	-.016808	-.003891
#3	-.002195	-.000295	-.000532	.0028010	.001648	.001574	-.005140

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000949	-.000121	-.004548	.0009571	.0000227	.0030129	.0044975
Stddev	.0000593	.000035	.007422	.0001854	.0000353	.0025435	.0102099
%RSD	62.44337	29.12346	163.1808	19.36841	155.1673	84.42064	227.0165

#1	.0000892	-.000155	-.012767	.0009974	.0000161	.0014620	.0150657
#2	.0001569	-.000125	.001663	.0011191	-.000009	.0016284	-.005312
#3	.0000387	-.000084	-.002541	.0007549	.000061	.0059483	.003739

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000349	.0665487	.0001768	.0010666	-.357195	-.003666	.0072411
Stddev	.000688	.0732977	.0001166	.0001122	.105557	.003053	.0075040
%RSD	196.8743	110.1413	65.93455	10.51530	29.55172	83.27910	103.6302

#1	-.000937	-.001324	.0002412	.0009540	-.429729	-.004263	.0013100
#2	.000407	.056696	.0002471	.0011783	-.236096	-.006377	.0047362
#3	-.000519	.144274	.0000422	.0010674	-.405759	-.000359	.0156771

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.039698	-.003504	.0093233	-.000173	-.017486	-.001151	-.001030
Stddev	.066582	.003986	.0005651	.000209	.031597	.000250	.000692
%RSD	167.7210	113.7642	6.061222	121.1975	180.6953	21.72404	67.20748

#1	-.007385	-.007538	.0086754	-.000251	-.031230	-.000938	-.000698
#2	-.116271	-.003406	.0095805	-.000331	.018655	-.001090	-.000566
#3	.004561	.000432	.0097141	.000064	-.039884	-.001426	-.001826

Sample Name: CCB075 Acquired: 10/23/2018 14:13:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB075 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000974	-.000663	.0000681
Stddev	.001961	.001348	.0000186
%RSD	201.3947	203.4544	27.37373

#1	-.002481	-.001534	.0000847
#2	-.001684	.000890	.0000479
#3	.001244	-.001344	.0000718

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2265.942	2639.926	49367.78	4912.883	3829.008
Stddev	12.254	3.977	141.11	14.592	2.166
%RSD	.5407795	.1506350	.2858372	.2970246	.0565784

#1	2257.022	2635.839	49206.28	4903.275	3828.469
#2	2260.890	2640.157	49467.23	4929.675	3827.161
#3	2279.914	2643.782	49429.83	4905.700	3831.393

Sample Name: J5320-02 Acquired: 10/23/2018 14:18:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACH6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0894834	.0032838	3.398364	.0215910	.0097048	77.52313	1.204496
Stddev	.0052820	.0030022	.006641	.0016809	.0010700	.17600	.001722
%RSD	5.902761	91.42296	.1954141	7.785248	11.02543	.2270321	.1429657

#1	.0885439	.0067393	3.394235	.0197189	.0107230	77.42466	1.202738
#2	.0951721	.0013162	3.406024	.0220837	.0098018	77.41841	1.206180
#3	.0847342	.0017960	3.394832	.0229706	.0085896	77.72633	1.204569

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0143839	.0018561	18.48722	.1670162	.2852003	.3017702	258.3946
Stddev	.0000842	.0000193	.10019	.0007893	.0012149	.0023684	1.1693
%RSD	.5853863	1.041544	.5419197	.4726212	.4259814	.7848316	.4525251

#1	.0142925	.0018339	18.37382	.1663709	.2838755	.2990565	258.5674
#2	.0144010	.0018649	18.52411	.1678963	.2854631	.3028333	257.1486
#3	.0144583	.0018695	18.56372	.1667815	.2862623	.3034208	259.4680

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.40079	9.184186	.2363055	.0108227	.8105485	.3808386	.5136776
Stddev	.09181	.032695	.0011559	.0000827	.1084996	.0042667	.0023129
%RSD	.5961378	.3559921	.4891583	.7637964	13.38595	1.120331	.4502708

#1	15.29592	9.203944	.2350048	.0108809	.8943245	.3759132	.5163474
#2	15.43973	9.202168	.2366966	.0107281	.8493349	.3833972	.5124054
#3	15.46671	9.146448	.2372152	.0108590	.6879861	.3832056	.5122800

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.418200	3.708740	.2443200	.0077749	26.65058	21.83859	.0056403
Stddev	.052627	.018293	.0029379	.0001432	.08960	.11935	.0011855
%RSD	.9712959	.4932290	1.202492	1.842304	.3361891	.5465159	21.01836

#1	5.431025	3.688861	.2457366	.0076635	26.55391	21.70092	.0062578
#2	5.463229	3.712499	.2409422	.0079364	26.66701	21.90188	.0042735
#3	5.360346	3.724862	.2462812	.0077248	26.73083	21.91296	.0063895

Sample Name: J5320-02 Acquired: 10/23/2018 14:18:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGACH6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.098868	.0308090	.0638643
Stddev	.006251	.0004406	.0001120
%RSD	.5688701	1.430072	.1754128

#1	1.096235	.0304384	.0637439
#2	1.094364	.0312961	.0639655
#3	1.106005	.0306924	.0638834

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2594.468	2998.226	57447.25	5794.132	3729.930
Stddev	11.459	2.615	153.28	11.330	5.727
%RSD	.4416670	.0872285	.2668237	.1955409	.1535337

#1	2584.083	3001.164	57578.49	5805.311	3736.426
#2	2592.559	2997.361	57484.49	5794.426	3727.754
#3	2606.761	2996.152	57278.78	5782.657	3725.610

Sample Name: J5320-03 Acquired: 10/23/2018 14:22:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACH7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0795960	.0036846	13.94973	.0116335	.0093118	27.45142
Stddev	.0030999	.0018047	.02271	.0036933	.0017212	.14266
%RSD	3.894515	48.97874	.1627770	31.74704	18.48419	.5196664

#1	.0762139	.0020776	13.93952	.0155114	.0112895	27.59046
#2	.0823020	.0056370	13.93393	.0112315	.0084934	27.45839
#3	.0802722	.0033392	13.97575	.0081577	.0081525	27.30540

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5741925	.0078969	.0565024	F 1219.392	.0735299	.3713029
Stddev	.0010037	.0000591	.0001963	1.126	.0005588	.0000387
%RSD	.1747947	.7478455	.3473459	.0923202	.7599130	.0104321

#1	.5733871	.0079642	.0567249	1218.122	.0741571	.3713097
#2	.5738735	.0078727	.0563541	1220.266	.0733472	.3713378
#3	.5753168	.0078538	.0564281	1219.789	.0730853	.3712612

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7739888	154.9363	14.94376	679.1127	.3777330	.0107083
Stddev	.0063597	1.0381	.03671	4.6047	.0008009	.0003464
%RSD	.8216805	.6700270	.2456306	.6780393	.2120277	3.235398

#1	.7666496	155.5584	14.91313	680.9574	.3768487	.0110626
#2	.7778764	155.5126	14.93370	682.5089	.3779405	.0103703
#3	.7774405	153.7379	14.98444	673.8717	.3784096	.0106919

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.796476	.1557579	2.931204	2.671447	5.585789	.1565487
Stddev	.306923	.0022293	.035244	.078375	.016099	.0003069
%RSD	17.08474	1.431287	1.202372	2.933815	.2882064	.1960196

#1	1.445733	.1532407	2.921190	2.728489	5.595260	.1562885
#2	1.927845	.1565498	2.902050	2.703773	5.567201	.1568871
#3	2.015851	.1574832	2.970371	2.582079	5.594906	.1564706

Sample Name: J5320-03 Acquired: 10/23/2018 14:22:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACH7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065182	122.0598	13.43468	.0011003	.3850152	.0416340
Stddev	.0003971	.2625	.16428	.0005399	.0026248	.0007422
%RSD	6.092124	.2150599	1.222781	49.07000	.6817356	1.782588

#1	.0060782	121.9558	13.52242	.0012747	.3877560	.0414663
#2	.0066264	121.8652	13.53647	.0004947	.3847654	.0424456
#3	.0068500	122.3583	13.24517	.0015314	.3825243	.0409900

Elem	Sr4077
Units	ppm
Avg	.4155557
Stddev	.0002223
%RSD	.0534841

#1	.4153382
#2	.4157824
#3	.4155463

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2190.650	2454.214	50943.66	5125.612	3004.857
Stddev	5.213	2.162	75.39	48.010	4.326
%RSD	.2379513	.0881130	.1479820	.9366752	.1439548

#1	2189.256	2453.002	50916.57	5097.862	3000.065
#2	2186.276	2456.711	51028.85	5097.924	3006.031
#3	2196.418	2452.930	50885.57	5181.049	3008.474

Sample Name: J5320-04 Acquired: 10/23/2018 14:25:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACH8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0933928	.0045548	6.803120	.0238853	.0098735	76.85896	1.046600
Stddev	.0037723	.0020365	.016712	.0048928	.0012276	1.51433	.021988
%RSD	4.039124	44.70975	.2456572	20.48466	12.43368	1.970266	2.100892

#1	.0911290	.0064988	6.796557	.0263576	.0084866	77.63353	1.056045
#2	.0913020	.0024370	6.790686	.0270486	.0108209	77.82933	1.062288
#3	.0977475	.0047287	6.822118	.0182496	.0103130	75.11403	1.021468

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0142166	.0025175	53.07696	.1767863	.3743637	.5820656	263.7895
Stddev	.0001149	.0002451	.99720	.0009336	.0017086	.0120918	4.7532
%RSD	.8083901	9.734845	1.878772	.5280786	.4563911	2.077386	1.801898

#1	.0142415	.0023227	53.46266	.1766589	.3731400	.5883424	266.6490
#2	.0143170	.0024371	53.82369	.1759230	.3736353	.5897282	266.4169
#3	.0140913	.0027927	51.94452	.1777770	.3763157	.5681261	258.3026

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.08735	24.21681	.3493940	.0120253	.5734150	.3555902	.5139486
Stddev	.24527	.24947	.0013097	.0004244	.1083220	.0044053	.0248851
%RSD	1.625653	1.030154	.3748398	3.529005	18.89068	1.238882	4.841939

#1	15.17719	24.32760	.3483937	.0118466	.6964456	.3553489	.4895170
#2	15.27504	24.39169	.3489120	.0125098	.5314259	.3601112	.5392636
#3	14.80984	23.93113	.3508764	.0117195	.4923736	.3513104	.5130651

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.799221	3.682635	.2547646	.0087354	34.88793	19.82841	.0051637
Stddev	.222422	.002286	.0080173	.0000895	.23533	.19523	.0018866
%RSD	4.634545	.0620640	3.146959	1.024530	.6745343	.9845747	36.53585

#1	4.836325	3.683127	.2611099	.0086321	34.77756	19.99225	.0073169
#2	5.000758	3.680143	.2574297	.0087894	34.72807	19.88058	.0043736
#3	4.560580	3.684634	.2457541	.0087847	35.15816	19.61240	.0038006

Sample Name: J5320-04 Acquired: 10/23/2018 14:25:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGACH8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.027260	.0326833	.0503727
Stddev	.017720	.0015342	.0008853
%RSD	1.725012	4.694018	1.757477

#1	1.036774	.0335889	.0508228
#2	1.038192	.0335491	.0509425
#3	1.006815	.0309120	.0493528

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2526.007	2926.856	56542.83	5569.393	3682.759
Stddev	.899	.873	48.46	49.832	4.529
%RSD	.0355945	.0298295	.0857123	.8947426	.1229669

#1	2526.177	2927.585	56487.88	5533.041	3687.779
#2	2526.809	2925.888	56561.11	5548.941	3681.514
#3	2525.035	2927.094	56579.49	5626.196	3678.982

Sample Name: J5320-05 Acquired: 10/23/2018 14:29:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACH9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3032353	.0238725	F 154.8200	.0231170	.0263160	36.06424
Stddev	.0059786	.0037225	.2677	.0008751	.0018319	.07258
%RSD	1.971612	15.59308	.1729089	3.785530	6.961007	.2012506

#1	.2964986	.0281359	154.8736	.0224833	.0274639	36.11832
#2	.3052973	.0212672	155.0568	.0241155	.0272808	35.98175
#3	.3079100	.0222145	154.5295	.0227523	.0242034	36.09265

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2781387	.0085764	.0105522	F 1129.808	-.014545	2.593825
Stddev	.0015019	.0001281	.0002019	2.998	.000090	.005297
%RSD	.5399769	1.494129	1.913692	.2653597	.6204862	.2042297

#1	.2785925	.0086047	.0107169	1127.846	-.014444	2.594174
#2	.2793613	.0084364	.0106129	1133.259	-.014571	2.598939
#3	.2764622	.0086880	.0103269	1128.318	-.014619	2.588362

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.048183	389.8199	F 41.09390	560.5602	2.794634	.0296777
Stddev	.013983	1.4967	.17175	2.8623	.004415	.0005202
%RSD	.2312011	.3839521	.4179481	.5106059	.1579688	1.752848

#1	6.050981	389.5371	41.07073	560.0416	2.792758	.0297777
#2	6.033012	388.4847	41.27606	557.9927	2.799677	.0291148
#3	6.060556	391.4378	40.93491	563.6463	2.791467	.0301407

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.030742	.0876719	1.816933	1.995084	2.234012	.3463532
Stddev	.347548	.0058763	.017048	.067143	.004787	.0015216
%RSD	11.46741	6.702564	.9383090	3.365404	.2142986	.4393225

#1	2.949241	.0885619	1.812162	2.071703	2.231909	.3454292
#2	3.411797	.0930524	1.802778	1.967035	2.239491	.3455210
#3	2.731187	.0814014	1.835859	1.946514	2.230637	.3481094

Sample Name: J5320-05 Acquired: 10/23/2018 14:29:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACH9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111387	311.6397	14.05177	.0144119	.4285060	.0946296
Stddev	.0000654	.7039	.02673	.0012324	.0018982	.0003826
%RSD	.5868325	.2258626	.1902173	8.551193	.4429856	.4043345

#1	.0112103	311.3075	14.05652	.0152902	.4279886	.0942369
#2	.0111234	312.4482	14.02298	.0149425	.4306093	.0946508
#3	.0110823	311.1635	14.07580	.0130031	.4269202	.0950012

Elem	Sr4077
Units	ppm
Avg	.3013859
Stddev	.0005791
%RSD	.1921381

#1	.3013421
#2	.3019856
#3	.3008299

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2151.923	2429.449	50225.35	5038.286	3004.378
Stddev	10.911	4.485	155.95	11.719	3.734
%RSD	.5070117	.1846009	.3105038	.2326045	.1242915

#1	2146.350	2424.293	50048.82	5031.961	3000.326
#2	2144.925	2431.610	50282.78	5051.809	3005.128
#3	2164.495	2432.445	50344.44	5031.088	3007.680

Sample Name: J5320-06 Acquired: 10/23/2018 14:33:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACJ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2606575	.0131003	F 68.56918	.0207252	.0176578	66.24802
Stddev	.0049513	.0017395	.00920	.0024983	.0018494	.22236
%RSD	1.899544	13.27852	.0134163	12.05451	10.47366	.3356469

#1	.2549705	.0135682	68.57813	.0192589	.0157722	66.27356
#2	.2629925	.0111747	68.55975	.0193069	.0177325	66.45650
#3	.2640096	.0145580	68.56966	.0236099	.0194688	66.01399

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.347197	.0077255	.0060586	391.6264	.1064225	1.435656
Stddev	.001969	.0001030	.0000333	.2725	.0008265	.001754
%RSD	.1461282	1.333558	.5504657	.0695887	.7766309	.1221977

#1	1.347038	.0078365	.0060218	391.3249	.1067013	1.436943
#2	1.349241	.0077071	.0060869	391.8552	.1070735	1.433657
#3	1.345313	.0076329	.0060670	391.6992	.1054926	1.436366

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.868903	272.3815	23.23626	168.9216	1.587834	.0162479
Stddev	.030108	1.1187	.05104	.5338	.006055	.0002499
%RSD	.6183676	.4107135	.2196517	.3160289	.3813353	1.538273

#1	4.838340	271.2638	23.18602	168.5255	1.583488	.0160516
#2	4.898534	273.5013	23.23470	169.5287	1.585265	.0165293
#3	4.869836	272.3794	23.28806	168.7106	1.594750	.0161628

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.294750	.2139512	.9867794	4.550851	4.326375	.2708502
Stddev	.084743	.0051168	.0080458	.057381	.018308	.0031793
%RSD	6.545091	2.391566	.8153573	1.260889	.4231770	1.173832

#1	1.201477	.2147087	.9960541	4.502021	4.316498	.2672187
#2	1.315765	.2186470	.9826092	4.614051	4.315127	.2721998
#3	1.367008	.2084979	.9816748	4.536480	4.347501	.2731320

Sample Name: J5320-06 Acquired: 10/23/2018 14:33:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACJ0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0132340	67.31416	19.62045	.1096941	.9413256	.0642219
Stddev	.0003772	.13190	.17895	.0010828	.0021684	.0002304
%RSD	2.850473	.1959535	.9120365	.9870744	.2303516	.3587229

#1	.0133978	67.40974	19.67979	.1086349	.9435738	.0643065
#2	.0128026	67.36907	19.76220	.1107990	.9411560	.0639612
#3	.0135016	67.16367	19.41938	.1096485	.9392470	.0643981

Elem	Sr4077
Units	ppm
Avg	.3081552
Stddev	.0003057
%RSD	.0992176

#1	.3080674
#2	.3084952
#3	.3079030

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2323.182	2659.585	52918.64	5361.166	3386.787
Stddev	20.018	2.782	136.55	33.228	2.448
%RSD	.8616587	.1046072	.2580415	.6197832	.0722664

#1	2309.892	2656.375	52834.40	5336.953	3386.315
#2	2346.206	2661.299	53076.19	5347.497	3389.437
#3	2313.449	2661.082	52845.32	5399.048	3384.611

Sample Name: J5320-07 Acquired: 10/23/2018 14:37:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACJ1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1528012	.0034049	13.70355	.0156587	.0092452	39.20575
Stddev	.0068563	.0024998	.01776	.0028805	.0021721	.16737
%RSD	4.487045	73.41684	.1296324	18.39544	23.49436	.4269048

#1	.1478082	.0059361	13.69360	.0183551	.0076405	39.39893
#2	.1499768	.0009378	13.69298	.0126240	.0083783	39.10419
#3	.1606185	.0033408	13.72406	.0159971	.0117169	39.11414

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7133857	.0065683	.0039475	500.7225	.0789963	.3599934
Stddev	.0010994	.0000660	.0001116	.7729	.0007948	.0002365
%RSD	.1541159	1.004164	2.827369	.1543470	1.006113	.0656904

#1	.7146035	.0066416	.0038275	501.0630	.0786576	.3599064
#2	.7130873	.0065493	.0039667	499.8379	.0799044	.3598126
#3	.7124662	.0065139	.0040482	501.2667	.0784270	.3602610

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2826988	190.7530	14.80861	261.9086	.4153971	.0116578
Stddev	.0006115	1.3981	.01100	1.5355	.0017558	.0002139
%RSD	.2163063	.7329258	.0743138	.5862547	.4226873	1.834889

#1	.2830973	192.3665	14.81299	263.6625	.4137641	.0115882
#2	.2819947	189.9934	14.81676	261.2562	.4151730	.0114874
#3	.2830044	189.8992	14.79609	260.8071	.4172542	.0118979

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.129850	.1492430	.7115577	8.325326	F 12.39306	.2016480
Stddev	.196227	.0062921	.0081335	.023430	.02261	.0007091
%RSD	17.36750	4.216044	1.143062	.2814278	.1824200	.3516262

#1	1.319623	.1529255	.7209435	8.298943	12.37008	.2024313
#2	.927751	.1419777	.7071569	8.343704	12.39380	.2014627
#3	1.142176	.1528258	.7065729	8.333331	12.41528	.2010500

Sample Name: J5320-07 Acquired: 10/23/2018 14:37:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACJ1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078127	342.0606	16.12568	.0005566	.5534858	.0336801
Stddev	.0003699	.7528	.06688	.0014560	.0014030	.0004154
%RSD	4.735039	.2200650	.4147624	261.5944	.2534795	1.233473

#1	.0077448	341.2980	16.19666	.0006197	.5549586	.0341540
#2	.0074814	342.0806	16.06383	.0019800	.5533338	.0335078
#3	.0082119	342.8031	16.11655	-.000930	.5521650	.0333786

Elem	Sr4077
Units	ppm
Avg	.1898112
Stddev	.0004493
%RSD	.2366852

#1	.1903252
#2	.1894936
#3	.1896147

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2256.718	2589.534	52241.23	5293.026	3293.025
Stddev	1.981	2.274	294.12	25.633	3.568
%RSD	.0877852	.0878224	.5630040	.4842799	.1083538

#1	2254.433	2590.388	52089.81	5264.746	3292.579
#2	2257.953	2591.258	52053.67	5314.731	3296.795
#3	2257.769	2586.956	52580.21	5299.600	3289.701

Sample Name: J5320-08 Acquired: 10/23/2018 14:41:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACJ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0604135	.0173790	.8577113	.0170080	.0055346	76.89679	1.886770
Stddev	.0006628	.0021674	.0002046	.0037988	.0009797	.03369	.008744
%RSD	1.097041	12.47152	.0238546	22.33508	17.70128	.0438183	.4634156

#1	.0596796	.0164910	.8575802	.0141649	.0063966	76.93077	1.896683
#2	.0609683	.0198494	.8579471	.0213223	.0044692	76.86339	1.883468
#3	.0605925	.0157966	.8576066	.0155367	.0057380	76.89621	1.880158

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089742	.0017687	35.10641	.1339535	.2131833	.1263011	208.0248
Stddev	.0000320	.0000611	.26761	.0022274	.0005552	.0014358	.5803
%RSD	.3561085	3.453198	.7622949	1.662836	.2604562	1.136820	.2789787

#1	.0089955	.0018285	35.40829	.1348395	.2126953	.1251866	207.4163
#2	.0089897	.0017065	34.89831	.1356017	.2137874	.1279214	208.0860
#3	.0089375	.0017712	35.01263	.1314194	.2130673	.1257954	208.5722

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.72159	20.65808	.1797011	.0094856	.6743896	.3163461	.2828392
Stddev	.16734	.02625	.0008630	.0002939	.3216191	.0078834	.0165244
%RSD	.6036320	.1270786	.4802329	3.098520	47.69040	2.492002	5.842313

#1	27.90813	20.68228	.1799984	.0092129	.3294826	.3176977	.2645366
#2	27.58469	20.63017	.1803762	.0094468	.9660832	.3078744	.2966612
#3	27.67195	20.66179	.1787288	.0097969	.7276030	.3234663	.2873199

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.471717	2.226450	.1860488	.0050512	10.49044	18.21993	.0037075
Stddev	.031056	.004363	.0039101	.0001552	.06304	.10308	.0003657
%RSD	.6944899	.1959631	2.101641	3.071998	.6009745	.5657334	9.864862

#1	4.437580	2.229625	.1828560	.0048845	10.49992	18.24429	.0035088
#2	4.479273	2.228250	.1848806	.0050778	10.42320	18.30865	.0041296
#3	4.498297	2.221475	.1904099	.0051914	10.54822	18.10686	.0034841

Sample Name: J5320-08 Acquired: 10/23/2018 14:41:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACJ2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.211820	.0289696	.0454444
Stddev	.007189	.0008922	.0000176
%RSD	.5932400	3.079689	.0387612

#1	1.220085	.0299880	.0454549
#2	1.208352	.0285955	.0454241
#3	1.207022	.0283254	.0454543

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2771.246	3152.374	61694.05	6136.971	3723.509
Stddev	18.875	3.272	385.57	3.960	9.480
%RSD	.6811037	.1037999	.6249740	.0645225	.2545882

#1	2761.094	3150.277	61337.65	6138.003	3722.094
#2	2759.619	3150.699	61641.17	6140.313	3714.816
#3	2793.024	3156.144	62103.34	6132.598	3733.616

Sample Name: J5320-09 Acquired: 10/23/2018 14:45:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACJ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0504548	-.002166	.2752240	.0150858	.0027770	85.94256	1.515404
Stddev	.0026819	.003913	.0004148	.0035905	.0000805	.17955	.005801
%RSD	5.315491	180.6551	.1507300	23.80054	2.899783	.2089220	.3827973

#1	.0519488	-.005039	.2754911	.0160388	.0026901	86.14554	1.518773
#2	.0473586	-.003749	.2747461	.0181037	.0028490	85.80449	1.518733
#3	.0520571	.002291	.2754349	.0111150	.0027919	85.87765	1.508706

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064882	.0002239	15.04147	.1076662	.1107780	.0696648	144.1833
Stddev	.0000922	.0001468	.09260	.0003740	.0005166	.0021370	1.0429
%RSD	1.421115	65.56266	.6156334	.3473431	.4663172	3.067492	.7233295

#1	.0065622	.0000546	15.10669	.1079155	.1103606	.0679363	144.3690
#2	.0063849	.0003014	15.08223	.1072362	.1113558	.0690040	143.0600
#3	.0065175	.0003156	14.93548	.1078469	.1106177	.0720541	145.1208

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.745911	12.08430	.0870512	.0063945	.5019731	.2696736	.2305009
Stddev	.013508	.14762	.0001196	.0002151	.3003224	.0032221	.0072530
%RSD	.2846329	1.221623	.1374222	3.364214	59.82838	1.194830	3.146637

#1	4.761305	12.13205	.0869706	.0065201	.7284466	.2716247	.2334894
#2	4.736036	11.91872	.0869943	.0061461	.1613032	.2659545	.2357823
#3	4.740392	12.20215	.0871887	.0065172	.6161697	.2714416	.2222312

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.676293	1.683155	.1326934	.0062391	6.954707	21.08817	.0023455
Stddev	.055918	.004771	.0019315	.0002498	.049410	.12543	.0010922
%RSD	2.089392	.2834764	1.455631	4.004119	.7104522	.5947662	46.56697

#1	2.636947	1.679598	.1313932	.0061958	6.941667	21.22227	.0018104
#2	2.740303	1.681289	.1317741	.0060138	7.009329	20.97375	.0036022
#3	2.651628	1.688577	.1349129	.0065077	6.913125	21.06847	.0016240

Sample Name: J5320-09 Acquired: 10/23/2018 14:45:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACJ3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9157339	.0404031	.0961413
Stddev	.0020000	.0003265	.0001199
%RSD	.2184057	.8079992	.1246833

#1	.9146650	.0406242	.0962720
#2	.9180413	.0405571	.0961153
#3	.9144955	.0400282	.0960366

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2437.390	2822.534	54084.07	5437.278	3809.682
Stddev	11.568	3.300	123.53	34.928	7.467
%RSD	.4746182	.1169267	.2284085	.6423768	.1959906

#1	2428.479	2821.405	53972.70	5397.047	3807.997
#2	2433.228	2826.251	54062.58	5459.857	3817.847
#3	2450.464	2819.946	54216.94	5454.929	3803.202

Sample Name: J5320-10 Acquired: 10/23/2018 14:49:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACJ4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0510377	.0004656	1.307428	.0122676	.0053453	94.75521	.9921682
Stddev	.0018230	.0014377	.005989	.0022599	.0028883	.41893	.0025267
%RSD	3.571913	308.7793	.4580396	18.42198	54.03464	.4421225	.2546649

#1	.0528524	-.001153	1.310610	.0098491	.0046257	94.57002	.9928996
#2	.0510541	.000957	1.311154	.0126281	.0085255	95.23482	.9942484
#3	.0492065	.001593	1.300520	.0143257	.0028849	94.46079	.9893564

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071699	.0015509	42.63503	.0910392	.1043055	.1273601	144.9258
Stddev	.0000692	.0002742	.04781	.0010244	.0010778	.0055312	.9609
%RSD	.9645420	17.67917	.1121405	1.125208	1.033346	4.342941	.6630409

#1	.0072495	.0018045	42.69014	.0899052	.1045640	.1331898	144.0741
#2	.0071241	.0015882	42.60474	.0913151	.1052305	.1221858	145.9676
#3	.0071363	.0012600	42.61020	.0918974	.1031219	.1267049	144.7358

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.869623	23.90803	.1558968	.0064299	.8585111	.2244526	.2869920
Stddev	.024397	.11091	.0010365	.0005093	.1415426	.0035924	.0140925
%RSD	.3551436	.4639063	.6648612	7.921509	16.48699	1.600530	4.910424

#1	6.889935	23.87070	.1569593	.0058438	1.012961	.2284971	.2796930
#2	6.842562	24.03279	.1558427	.0066809	.827580	.2216321	.2780461
#3	6.876372	23.82060	.1548884	.0067651	.734992	.2232287	.3032368

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.600712	1.981825	.1323284	.0051708	12.39684	21.68026	.0025532
Stddev	.041176	.010980	.0016542	.0001282	.07844	.13008	.0016016
%RSD	2.572377	.5540277	1.250108	2.479340	.6327426	.5999710	62.72769

#1	1.554591	1.990181	.1314165	.0050638	12.46256	21.53040	.0024056
#2	1.633778	1.985903	.1342379	.0053129	12.41795	21.76383	.0010305
#3	1.613768	1.969389	.1313309	.0051356	12.31000	21.74656	.0042234

Sample Name: J5320-10 Acquired: 10/23/2018 14:49:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACJ4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9477976	.0326011	.0393452
Stddev	.0062711	.0001951	.0001448
%RSD	.6616471	.5983721	.3680540

#1	.9497520	.0324253	.0393806
#2	.9528588	.0325669	.0394689
#3	.9407821	.0328109	.0391859

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2361.565	2747.583	52488.75	5391.466	3707.637
Stddev	7.021	12.690	202.34	17.180	14.611
%RSD	.2973176	.4618631	.3854953	.3186496	.3940712

#1	2368.550	2733.708	52722.38	5410.211	3691.494
#2	2354.507	2750.443	52374.08	5376.471	3711.463
#3	2361.637	2758.600	52369.79	5387.715	3719.954

Sample Name: J5320-11 Acquired: 10/23/2018 14:53:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACJ5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0646508	-.004529	3.054456	.0172538	.0141703	81.86257
Stddev	.0012154	.001181	.006884	.0008436	.0030161	.24900
%RSD	1.879963	26.07984	.2253782	4.889191	21.28444	.3041677

#1	.0638395	-.004131	3.062307	.0167403	.0156795	81.57889
#2	.0660482	-.005859	3.049453	.0182274	.0106975	82.04499
#3	.0640647	-.003599	3.051609	.0167937	.0161339	81.96383

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.365028	.0070374	.0095505	117.9099	.1601035	.1167937
Stddev	.005762	.0001751	.0000087	.0074	.0004221	.0004682
%RSD	.1712315	2.488173	.0908808	.0063099	.2636419	.4008846

#1	3.371513	.0068445	.0095558	117.9076	.1598355	.1170337
#2	3.363075	.0070813	.0095552	117.9038	.1598850	.1162541
#3	3.360497	.0071864	.0095405	117.9182	.1605901	.1170932

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4155469	166.1323	10.01603	20.12756	.1436970	.0112364
Stddev	.0035418	1.4423	.01853	.19960	.0002416	.0002026
%RSD	.8523271	.8681901	.1849972	.9916813	.1681453	1.803176

#1	.4119263	164.4674	9.99466	19.89759	.1436582	.0110024
#2	.4157101	167.0026	10.02761	20.22926	.1439557	.0113550
#3	.4190043	166.9269	10.02582	20.25582	.1434772	.0113517

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8932642	.2787806	3.628427	6.811362	F 15.46686	.1851695
Stddev	.1960090	.0034055	.013728	.028188	.03842	.0036283
%RSD	21.94300	1.221557	.3783450	.4138437	.2484089	1.959445

#1	1.056235	.2809009	3.642749	6.825261	15.49610	.1817689
#2	.947793	.2805885	3.627150	6.829903	15.42334	.1889891
#3	.675764	.2748525	3.615383	6.778924	15.48113	.1847504

Sample Name: J5320-11 Acquired: 10/23/2018 14:53:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACJ5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073304	35.03689	21.84318	.1056310	1.198757	.0397091
Stddev	.0002213	.15678	.07502	.0013197	.003685	.0011338
%RSD	3.018280	.4474705	.3434636	1.249317	.3074000	2.855278

#1	.0070803	35.20343	21.76929	.1070104	1.199123	.0409241
#2	.0075006	34.89215	21.84098	.1043806	1.202245	.0395238
#3	.0074103	35.01508	21.91928	.1055021	1.194903	.0386793

Elem	Sr4077
Units	ppm
Avg	.5497238
Stddev	.0005351
%RSD	.0973381

#1	.5497594
#2	.5491717
#3	.5502402

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2436.006	2809.588	54571.87	5533.625	3650.183
Stddev	10.262	3.184	135.58	16.522	5.231
%RSD	.4212614	.1133220	.2484468	.2985831	.1432947

#1	2428.048	2805.912	54717.32	5551.090	3647.259
#2	2432.382	2811.372	54448.99	5531.543	3647.068
#3	2447.589	2811.481	54549.30	5518.242	3656.222

Sample Name: J5320-12 Acquired: 10/23/2018 14:57:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACJ6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1551868	.0024429	12.99396	.0164233	.0120229	68.52387	1.535007
Stddev	.0015049	.0012156	.03625	.0004446	.0019898	.29108	.004972
%RSD	.9697537	49.75955	.2789766	2.707256	16.54986	.4247805	.3239302

#1	.1557388	.0038466	12.95308	.0159939	.0116279	68.30495	1.533928
#2	.1563378	.0017356	13.02220	.0168817	.0141806	68.41246	1.530663
#3	.1534838	.0017467	13.00660	.0163943	.0102603	68.85420	1.540431

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089673	.0226740	203.7444	.2570255	.5082986	1.090485	217.7031
Stddev	.0001717	.0001485	.1328	.0009224	.0014870	.001673	1.0993
%RSD	1.914694	.6550745	.0651634	.3588842	.2925442	.1534466	.5049318

#1	.0091409	.0228014	203.6598	.2569492	.5066877	1.091363	216.4394
#2	.0087976	.0227098	203.8974	.2579837	.5085892	1.091537	218.2312
#3	.0089632	.0225109	203.6760	.2561436	.5096188	1.088556	218.4386

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.08259	100.8167	.5479083	.0134449	.9905761	.3029437	2.865617
Stddev	.05480	.5534	.0019057	.0003467	.2849363	.0063036	.035015
%RSD	.3207675	.5488702	.3478161	2.578884	28.76470	2.080779	1.221900

#1	17.07138	100.3618	.5459358	.0134365	1.298912	.3101972	2.851866
#2	17.14212	101.4327	.5497394	.0131025	.935835	.2998422	2.905420
#3	17.03427	100.6556	.5480498	.0137958	.736982	.2987918	2.839565

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.654891	9.218272	.2205561	.0096548	60.35587	18.11895	.0504219
Stddev	.025350	.039235	.0065368	.0001597	.15151	.09867	.0004105
%RSD	.3809236	.4256200	2.963765	1.653897	.2510271	.5445804	.8140706

#1	6.651010	9.178341	.2130186	.0096322	60.22813	18.23236	.0502139
#2	6.631706	9.219702	.2246703	.0098246	60.52326	18.05272	.0508948
#3	6.681958	9.256772	.2239794	.0095076	60.31623	18.07178	.0501571

Sample Name: J5320-12 Acquired: 10/23/2018 14:57:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGACJ6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.145724	.0403661	.1529136
Stddev	.007275	.0011201	.0005009
%RSD	.6349545	2.774882	.3275650

#1	1.140567	.0414508	.1523381
#2	1.142560	.0404338	.1531513
#3	1.154045	.0392136	.1532513

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2517.396	2840.243	57054.20	5785.770	3441.758
Stddev	25.076	3.663	261.83	4.954	2.662
%RSD	.9961136	.1289667	.4589078	.0856263	.0773553

#1	2546.345	2843.380	57320.13	5790.875	3444.240
#2	2502.419	2841.130	56796.68	5785.454	3438.946
#3	2503.423	2836.218	57045.80	5780.982	3442.088

Sample Name: J5320-13 Acquired: 10/23/2018 15:01:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACJ7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0568292	-.001717	1.558154	.0136914	.0063515	81.66324	.8778620
Stddev	.0008683	.002639	.004686	.0014976	.0015095	2.00453	.0233405
%RSD	1.527927	153.6722	.3007529	10.93832	23.76580	2.454634	2.658794

#1	.0576247	-.000922	1.557643	.0151164	.0048723	82.38384	.8889791
#2	.0559029	-.004662	1.553744	.0138273	.0062926	79.39803	.8510411
#3	.0569601	.000433	1.563074	.0121304	.0078896	83.20786	.8935659

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056290	.0010541	17.57786	.1723034	.2426501	.1952013	173.7461
Stddev	.0001219	.0001185	.43261	.0003214	.0004557	.0083365	3.9528
%RSD	2.165205	11.24443	2.461088	.1865371	.1878052	4.270745	2.275018

#1	.0057325	.0009335	17.79708	.1723593	.2427434	.1940273	175.2315
#2	.0054947	.0011704	17.07952	.1725932	.2421550	.1875139	169.2658
#3	.0056599	.0010582	17.85696	.1719577	.2430520	.2040625	176.7410

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.559686	11.97790	.2067611	.0076396	.4320714	.2920688	.4726476
Stddev	.177330	.19020	.0000566	.0000587	.2677126	.0077329	.0037349
%RSD	2.703331	1.587903	.0273613	.7681725	61.96028	2.647648	.7902088

#1	6.638274	12.07496	.2068059	.0075786	.2955490	.2953275	.4693262
#2	6.356643	11.75876	.2066975	.0076957	.2601424	.2832399	.4766907
#3	6.684141	12.10000	.2067798	.0076444	.7405226	.2976391	.4719261

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.648373	1.664393	.1552258	.0071253	7.616956	21.19034	.0051413
Stddev	.179717	.004042	.0035613	.0001723	.079349	.30721	.0006444
%RSD	6.785957	.2428449	2.294254	2.418557	1.041744	1.449756	12.53388

#1	2.678132	1.668579	.1559095	.0073044	7.707621	21.39230	.0058244
#2	2.455633	1.664090	.1513723	.0071108	7.560168	20.83680	.0045442
#3	2.811353	1.660512	.1583957	.0069606	7.583079	21.34193	.0050554

Sample Name: J5320-13 Acquired: 10/23/2018 15:01:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGACJ7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9212505	.0250846	.0520412
Stddev	.0221878	.0025406	.0013881
%RSD	2.408439	10.12823	2.667326

#1	.9253265	.0253064	.0524877
#2	.8973074	.0224404	.0504848
#3	.9411177	.0275071	.0531511

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2406.998	2792.562	53449.24	5453.984	3772.893
Stddev	3.562	1.087	100.28	74.869	3.274
%RSD	.1480059	.0389230	.1876150	1.372740	.0867766

#1	2411.063	2791.480	53493.00	5414.943	3775.653
#2	2404.418	2793.654	53520.19	5540.305	3773.750
#3	2405.515	2792.551	53334.51	5406.706	3769.275

Sample Name: J5320-14 Acquired: 10/23/2018 15:05:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACJ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0459773	.0010249	.2630787	.0148730	.0045529	98.51647	2.024735
Stddev	.0027563	.0011353	.0008709	.0019413	.0004912	.01209	.001843
%RSD	5.994884	110.7771	.3310560	13.05260	10.78846	.0122754	.0910090

#1	.0433201	.0018717	.2632075	.0126331	.0048228	98.50280	2.025514
#2	.0457887	.0014682	.2621505	.0159152	.0048500	98.52087	2.022631
#3	.0488230	-.000265	.2638780	.0160706	.0039859	98.52575	2.026061

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081780	.0019201	11.73676	.1035099	.1448890	.1221585	164.0285
Stddev	.0000659	.0000721	.01426	.0004993	.0008329	.0024775	.4370
%RSD	.8057402	3.756898	.1214714	.4823715	.5748730	2.028101	.2664376

#1	.0081633	.0019783	11.73160	.1040365	.1448612	.1203085	163.5244
#2	.0082500	.0018394	11.72580	.1030433	.1440703	.1249732	164.2601
#3	.0081207	.0019425	11.75288	.1034501	.1457355	.1211938	164.3010

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.39047	12.39268	.1791184	.0074148	.5803491	.2814952	.3969665
Stddev	.01853	.01092	.0007884	.0000815	.1635572	.0031791	.0054593
%RSD	.1495890	.0881017	.4401585	1.099678	28.18256	1.129362	1.375250

#1	12.39290	12.39435	.1797319	.0073213	.7460812	.2837091	.3933967
#2	12.40767	12.40268	.1782292	.0074715	.4190572	.2778524	.3942519
#3	12.37084	12.38103	.1793942	.0074515	.5759090	.2829241	.4032510

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.741871	5.775189	.1459274	.0041261	10.41848	20.49897	.0044800
Stddev	.004568	.021286	.0018656	.0001667	.00203	.15678	.0017296
%RSD	.0795509	.3685804	1.278444	4.039023	.0194881	.7648263	38.60674

#1	5.743474	5.755325	.1452577	.0042913	10.41768	20.42209	.0025237
#2	5.736718	5.772584	.1444891	.0039580	10.42079	20.67936	.0058063
#3	5.745421	5.797658	.1480354	.0041289	10.41698	20.39548	.0051099

Sample Name: J5320-14 Acquired: 10/23/2018 15:05:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGACJ8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.634421	.0378810	.0825738
Stddev	.016740	.0005143	.0002273
%RSD	1.024229	1.357622	.2752471

#1	1.618296	.0376414	.0828003
#2	1.651715	.0384714	.0825754
#3	1.633253	.0375303	.0823457

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2596.235	3009.048	57684.66	5842.670	3750.303
Stddev	1.121	1.509	133.26	20.305	6.745
%RSD	.0431621	.0501557	.2310143	.3475300	.1798443

#1	2597.350	3010.710	57570.00	5846.292	3750.746
#2	2595.109	3008.672	57653.12	5820.798	3756.815
#3	2596.248	3007.763	57830.86	5860.920	3743.347

Sample Name: J5320-15 Acquired: 10/23/2018 15:09:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACJ9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2409946	.0154155	2.077435	.0314084	.0133586	109.4758
Stddev	.0050586	.0035765	.001889	.0012230	.0016530	.3287
%RSD	2.099068	23.20043	.0909106	3.893975	12.37408	.3002683

#1	.2379927	.0142097	2.075743	.0304021	.0124371	109.2757
#2	.2381560	.0194390	2.077089	.0327696	.0152669	109.8552
#3	.2468350	.0125978	2.079472	.0310535	.0123717	109.2966

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.216464	.0149229	.0040914	18.22550	.2262747	.2205406
Stddev	.003067	.0000887	.0003297	.04979	.0005830	.0005320
%RSD	.1383747	.5944561	8.059137	.2731838	.2576663	.2412257

#1	2.219996	.0148856	.0043694	18.28229	.2256065	.2208097
#2	2.214474	.0150242	.0037271	18.20488	.2266802	.2199278
#3	2.214922	.0148590	.0041778	18.18933	.2265374	.2208842

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1948383	418.0687	F 30.03666	10.41463	.2909590	.0186206
Stddev	.0000444	3.0459	.12024	.16496	.0010988	.0003782
%RSD	.0227950	.7285751	.4003115	1.583915	.3776607	2.031130

#1	.1948474	415.8281	30.17509	10.31636	.2906686	.0182522
#2	.1948775	421.5369	29.97670	10.60508	.2900346	.0186017
#3	.1947901	416.8411	29.95819	10.32246	.2921739	.0190079

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.260623	.5080533	.3345490	9.509608	3.887528	.3564745
Stddev	.256687	.0031913	.0085893	.018343	.001658	.0093307
%RSD	20.36189	.6281379	2.567421	.1928920	.0426403	2.617483

#1	1.189857	.5063194	.3388710	9.490865	3.888091	.3477983
#2	1.046743	.5061042	.3401188	9.527524	3.885662	.3663447
#3	1.545269	.5117361	.3246571	9.510436	3.888831	.3552804

Sample Name: J5320-15 Acquired: 10/23/2018 15:09:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGACJ9 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103438	10.63189	21.95268	.0126086	1.650847	.0474706
Stddev	.0002749	.03297	.08839	.0008287	.004487	.0009423
%RSD	2.657689	.3100918	.4026259	6.572086	.2717893	1.985078

#1	.0100771	10.59572	22.01416	.0126040	1.650119	.0484137
#2	.0106262	10.63969	21.99250	.0134395	1.655653	.0465291
#3	.0103282	10.66025	21.85139	.0117823	1.646769	.0474691

Elem	Sr4077
Units	ppm
Avg	.1033919
Stddev	.0002627
%RSD	.2540863

#1	.1030896
#2	.1035651
#3	.1035209

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2739.302	3153.572	61172.21	6165.400	3648.122
Stddev	7.692	3.347	41.18	27.984	3.795
%RSD	.2808013	.1061407	.0673217	.4538839	.1040172

#1	2732.463	3150.373	61179.43	6138.603	3649.151
#2	2747.630	3153.293	61209.31	6163.160	3643.920
#3	2737.815	3157.050	61127.90	6194.436	3651.297

Sample Name: J5320-16 Acquired: 10/23/2018 15:13:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACK0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1862803	.0105334	2.301350	.0312176	.0130349	95.57489	2.947064
Stddev	.0022841	.0044249	.002035	.0033150	.0011032	.31791	.007530
%RSD	1.226165	42.00859	.0884169	10.61888	8.463181	.3326336	.2555097

#1	.1887840	.0133680	2.303689	.0313488	.0133286	95.93193	2.955164
#2	.1857466	.0054345	2.299993	.0278389	.0118146	95.32247	2.945751
#3	.1843103	.0127977	2.300367	.0344650	.0139614	95.47026	2.940277

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0128762	.0123012	28.40548	.2405777	.2165113	.2641280	390.0784
Stddev	.0002010	.0000749	.07463	.0012608	.0005827	.0016589	1.5145
%RSD	1.560952	.6087617	.2627149	.5240587	.2691408	.6280651	.3882578

#1	.0127388	.0122579	28.48956	.2402764	.2170960	.2640979	391.4298
#2	.0127830	.0122580	28.37976	.2419618	.2165074	.2658017	388.4414
#3	.0131069	.0123877	28.34711	.2394949	.2159306	.2624843	390.3640

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.05838	12.06479	.2890010	.0186496	1.123519	.4135837	.7551351
Stddev	.05924	.10103	.0013981	.0004110	.042393	.0066476	.0233731
%RSD	.2038600	.8373928	.4837613	2.203804	3.773234	1.607329	3.095227

#1	29.11428	11.95247	.2884004	.0191057	1.075855	.4163104	.7817555
#2	29.06458	12.09363	.2905991	.0183080	1.137691	.4184345	.7456744
#3	28.99629	12.14826	.2880036	.0185351	1.157010	.4060063	.7379753

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.946737	7.933826	.3353787	.0099988	13.03356	18.67828	.0329776
Stddev	.043862	.017883	.0046191	.0002551	.08532	.13726	.0014594
%RSD	.4902565	.2254022	1.377279	2.551504	.6546370	.7348626	4.425304

#1	8.941287	7.952551	.3400167	.0101139	13.09007	18.60806	.0329273
#2	8.993069	7.916925	.3353405	.0101761	13.07519	18.59034	.0344614
#3	8.905854	7.932003	.3307787	.0097065	12.93541	18.83645	.0315440

Sample Name: J5320-16 Acquired: 10/23/2018 15:13:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACK0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.540326	.0366106	.1498353
Stddev	.006415	.0005180	.0002624
%RSD	.4164623	1.415005	.1751349

#1	1.542048	.0360124	.1500157
#2	1.533227	.0369098	.1499560
#3	1.545705	.0369096	.1495343

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2699.789	3132.338	60926.30	6124.040	3625.119
Stddev	21.166	3.052	279.00	6.979	3.257
%RSD	.7839853	.0974485	.4579330	.1139573	.0898518

#1	2683.382	3128.815	60763.73	6127.571	3623.673
#2	2692.306	3134.010	60766.71	6128.549	3622.836
#3	2723.680	3134.190	61248.46	6116.002	3628.849

Sample Name: J5320-20 Acquired: 10/23/2018 15:21:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACK2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0512478	.0039268	.7315473	.0178559	.0038939	122.4809	1.460056
Stddev	.0035047	.0015628	.0031105	.0007714	.0021560	.4555	.002644
%RSD	6.838766	39.79769	.4251891	4.320264	55.36880	.3719334	.1811084

#1	.0536948	.0032247	.7280365	.0178990	.0028487	122.0723	1.462985
#2	.0472329	.0057175	.7326463	.0170638	.0063733	122.3984	1.459336
#3	.0528158	.0028382	.7339591	.0186049	.0024597	122.9721	1.457846

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087885	.0013434	15.16131	.1136963	.1949043	.1724672	187.4813
Stddev	.0001180	.0001009	.05340	.0004771	.0005127	.0054028	2.0100
%RSD	1.342291	7.513128	.3522227	.4196567	.2630679	3.132657	1.072084

#1	.0089148	.0012304	15.21516	.1141047	.1943254	.1731319	185.4713
#2	.0087695	.0014245	15.16040	.1138124	.1953012	.1775069	187.4812
#3	.0086811	.0013753	15.10837	.1131719	.1950862	.1667628	189.4913

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.99770	15.65419	.1995086	.0088725	.5441198	.3202681	.4120441
Stddev	.10682	.26887	.0002007	.0002310	.2717122	.0021428	.0095399
%RSD	.7122745	1.717571	.1006048	2.602962	49.93610	.6690502	2.315263

#1	15.03644	15.43774	.1996239	.0086079	.7999445	.3206081	.4027805
#2	15.07975	15.56966	.1996250	.0090339	.2589089	.3179757	.4218382
#3	14.87691	15.95517	.1992768	.0089757	.5735060	.3222205	.4115136

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.116789	2.094617	.1603108	.0074262	6.561397	21.28510	.0103059
Stddev	.053115	.003214	.0039411	.0000622	.069145	.04764	.0011745
%RSD	.7463351	.1534641	2.458412	.8376852	1.053817	.2238267	11.39581

#1	7.067871	2.096348	.1573123	.0073940	6.484071	21.33992	.0112602
#2	7.109209	2.096595	.1588455	.0073866	6.617281	21.26166	.0106633
#3	7.173287	2.090908	.1647747	.0074979	6.582839	21.25372	.0089943

Sample Name: J5320-20 Acquired: 10/23/2018 15:21:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGACK2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.594549	.0575781	.0573191
Stddev	.002637	.0012013	.0003087
%RSD	.1653988	2.086333	.5385649

#1	1.592657	.0583634	.0571528
#2	1.597562	.0581757	.0576752
#3	1.593429	.0561952	.0571292

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2535.341	2955.586	56696.67	5736.476	3694.840
Stddev	4.909	4.976	84.50	11.859	6.073
%RSD	.1936235	.1683484	.1490321	.2067242	.1643535

#1	2530.310	2953.936	56794.01	5724.271	3694.406
#2	2535.597	2951.646	56653.85	5747.954	3688.996
#3	2540.118	2961.177	56642.16	5737.203	3701.118

Sample Name: J5320-21 Acquired: 10/23/2018 15:25:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACK3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1141485	.0064223	16.87425	.0158555	.0121262	86.96707	1.111017
Stddev	.0031759	.0015756	.00505	.0007347	.0016437	.13287	.001584
%RSD	2.782238	24.53259	.0299249	4.633505	13.55456	.1527784	.1426123

#1	.1142796	.0051008	16.87993	.0161368	.0102600	87.01596	1.109249
#2	.1172568	.0060002	16.87252	.0164080	.0127599	87.06856	1.112307
#3	.1109091	.0081659	16.87029	.0150218	.0133587	86.81668	1.111496

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086227	.0112541	335.5850	.1353527	.7211866	1.860150	255.2451
Stddev	.0000699	.0002276	.3284	.0004390	.0009357	.003717	1.3035
%RSD	.8104505	2.022709	.0978455	.3243172	.1297476	.1998495	.5107031

#1	.0086919	.0110028	335.2194	.1352444	.7221308	1.864410	256.4808
#2	.0085521	.0113127	335.8547	.1349781	.7211693	1.857567	255.3717
#3	.0086242	.0114466	335.6811	.1358357	.7202597	1.858472	253.8829

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.17773	163.3773	.8207364	.0143900	2.221496	.2987945	4.400254
Stddev	.02202	.4039	.0026892	.0003638	.119360	.0132373	.031995
%RSD	.1091194	.2472118	.3276588	2.528272	5.372951	4.430223	.7271249

#1	20.19744	163.7196	.8177260	.0146128	2.352629	.3013647	4.393615
#2	20.15397	163.4804	.8229012	.0139701	2.119188	.2844606	4.372099
#3	20.18177	162.9319	.8215820	.0145870	2.192671	.3105581	4.435048

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.549346	4.581733	.2037494	.0117651	43.26341	21.52640	.0092437
Stddev	.086076	.006031	.0011277	.0002845	.21686	.30805	.0020119
%RSD	1.892048	.1316399	.5534640	2.418061	.5012653	1.431016	21.76537

#1	4.450023	4.580716	.2030752	.0114600	43.25747	21.65865	.0093957
#2	4.595788	4.576275	.2031218	.0118123	43.48319	21.74623	.0111753
#3	4.602226	4.588209	.2050512	.0120231	43.04958	21.17431	.0071601

Sample Name: J5320-21 Acquired: 10/23/2018 15:25:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGACK3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.120593	.0533665	.1666312
Stddev	.000175	.0010058	.0001723
%RSD	.0156335	1.884626	.1033974

#1	1.120740	.0545255	.1667992
#2	1.120641	.0528512	.1666396
#3	1.120399	.0527228	.1664549

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2384.889	2731.516	54713.08	5576.233	3352.272
Stddev	8.388	5.108	177.97	56.383	1.994
%RSD	.3517013	.1870202	.3252748	1.011134	.0594790

#1	2384.324	2726.542	54527.55	5537.176	3349.979
#2	2393.545	2736.749	54729.33	5550.649	3353.599
#3	2376.799	2731.257	54882.37	5640.872	3353.238

Sample Name: J5320-22 Acquired: 10/23/2018 15:29:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACK4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0825716	.0187035	.4143807	.0173215	.0040661	86.17945	1.398896
Stddev	.0011904	.0029228	.0035253	.0010632	.0018529	.18369	.003417
%RSD	1.441601	15.62701	.8507289	6.137956	45.56945	.2131461	.2442933

#1	.0839455	.0182219	.4181482	.0177001	.0024672	86.05187	1.399018
#2	.0819187	.0160514	.4111621	.0181436	.0036345	86.09650	1.395419
#3	.0818505	.0218372	.4138318	.0161208	.0060968	86.38998	1.402251

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0203872	.0039961	12.60363	.1268795	.4973703	.1904655	193.9502
Stddev	.0002633	.0000972	.12987	.0003913	.0007017	.0039526	.0990
%RSD	1.291550	2.432872	1.030401	.3084184	.1410744	2.075223	.0510441

#1	.0206522	.0040218	12.56204	.1265474	.4980268	.1884797	193.8377
#2	.0201256	.0040780	12.49965	.1267802	.4966308	.1878995	193.9887
#3	.0203837	.0038887	12.74920	.1273109	.4974533	.1950172	194.0242

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.91945	8.359474	.2401639	.0095896	.6044260	.3515665	.3093660
Stddev	.05107	.050020	.0003751	.0002261	.0561293	.0049831	.0036241
%RSD	.1707034	.5983658	.1561901	2.357986	9.286381	1.417411	1.171464

#1	29.89002	8.373020	.2404398	.0097848	.5501677	.3458330	.3060725
#2	29.88990	8.304076	.2397368	.0096423	.6008546	.3540126	.3132486
#3	29.97842	8.401327	.2403151	.0093418	.6622557	.3548539	.3087769

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.097484	2.291106	.1558700	.0069233	6.278287	18.08616	.0045674
Stddev	.035263	.007443	.0029391	.0000846	.044558	.11685	.0012932
%RSD	.8605980	.3248609	1.885620	1.221729	.7097156	.6460836	28.31325

#1	4.103312	2.296460	.1525106	.0069666	6.295559	18.19474	.0058719
#2	4.059671	2.294249	.1579675	.0069774	6.311623	17.96250	.0045445
#3	4.129471	2.282607	.1571318	.0068258	6.227679	18.10125	.0032858

Sample Name: J5320-22 Acquired: 10/23/2018 15:29:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGACK4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7063149	.0410249	.0378926
Stddev	.0015041	.0003804	.0000930
%RSD	.2129450	.9272242	.2455695

#1	.7049510	.0406825	.0378464
#2	.7060657	.0409579	.0379997
#3	.7079280	.0414344	.0378317

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2806.697	3255.076	62877.72	6334.473	3628.718
Stddev	6.090	6.479	237.69	40.803	5.806
%RSD	.2169655	.1990386	.3780136	.6441433	.1600114

#1	2807.656	3249.531	63132.89	6306.339	3622.161
#2	2800.185	3262.198	62837.63	6381.270	3633.206
#3	2812.250	3253.499	62662.62	6315.810	3630.789

Sample Name: J5321-01DLX2 Acquired: 10/23/2018 15:33:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACK5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0631330	.0069231	7.571110	.0106702	.0103679	44.96995
Stddev	.0042923	.0033112	.012011	.0038623	.0006467	.12968
%RSD	6.798743	47.82762	.1586439	36.19677	6.237008	.2883628

#1	.0609584	.0037920	7.557947	.0064140	.0109545	45.09101
#2	.0680774	.0103889	7.581474	.0116449	.0104747	44.83310
#3	.0603634	.0065884	7.573910	.0139518	.0096745	44.98575

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.789777	.0068021	.0156693	462.8744	.1368450	.0930631
Stddev	.015974	.0000707	.0001999	1.5746	.0007276	.0004104
%RSD	.2050643	1.038859	1.275574	.3401682	.5316794	.4409835

#1	7.790667	.0067248	.0154573	462.7015	.1370896	.0925893
#2	7.773376	.0068634	.0156966	461.3934	.1360266	.0933072
#3	7.805287	.0068181	.0158542	464.5282	.1374187	.0932929

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6323718	141.2749	16.11849	43.98110	.2057792	.0210255
Stddev	.0010341	.5030	.01672	.31853	.0004451	.0003944
%RSD	.1635298	.3560227	.1037207	.7242474	.2163072	1.875593

#1	.6322187	141.8348	16.12635	44.33933	.2053819	.0213692
#2	.6334739	141.1284	16.09929	43.72973	.2056956	.0205950
#3	.6314227	140.8614	16.12983	43.87426	.2062603	.0211122

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.056195	.1542097	7.272301	5.330996	F 11.06209	.2096594
Stddev	.079837	.0039594	.025112	.029960	.03660	.0028969
%RSD	7.558954	2.567508	.3453071	.5620029	.3308795	1.381704

#1	.972036	.1547821	7.295697	5.339937	11.08131	.2124666
#2	1.130862	.1578518	7.245768	5.297583	11.01988	.2066805
#3	1.065688	.1499954	7.275439	5.355468	11.08507	.2098312

Sample Name: J5321-01DLX2 Acquired: 10/23/2018 15:33:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACK5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043729	31.56453	9.443170	.2323326	.7540477	.0343073
Stddev	.0005108	.13631	.025839	.0019344	.0020112	.0003727
%RSD	11.68084	.4318378	.2736257	.8325787	.2667217	1.086259

#1	.0039325	31.57087	9.439777	.2328890	.7561215	.0339583
#2	.0042533	31.42517	9.470538	.2301811	.7521055	.0342638
#3	.0049328	31.69756	9.419196	.2339278	.7539160	.0346998

Elem	Sr4077
Units	ppm
Avg	2.217316
Stddev	.004033
%RSD	.1819093

#1	2.221877
#2	2.214220
#3	2.215851

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2391.435	2742.331	54409.70	5525.659	3432.102
Stddev	6.780	3.117	146.30	10.813	6.365
%RSD	.2834932	.1136450	.2688868	.1956907	.1854681

#1	2396.468	2745.570	54420.90	5515.301	3438.123
#2	2394.110	2739.353	54550.09	5524.801	3432.742
#3	2383.726	2742.072	54258.13	5536.876	3425.441

Sample Name: J5321-03DLX2 Acquired: 10/23/2018 15:37:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACK7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0351126	.0116248	.8425298	.0107086	.0046088	62.47709	1.935941
Stddev	.0018735	.0024329	.0023131	.0015793	.0009321	.16657	.008103
%RSD	5.335657	20.92859	.2745450	14.74775	20.22438	.2666034	.4185487

#1	.0352477	.0126940	.8439905	.0124671	.0039342	62.56369	1.940820
#2	.0369148	.0088404	.8398629	.0102475	.0056724	62.28506	1.926588
#3	.0331752	.0133400	.8437361	.0094111	.0042199	62.58252	1.940416

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081094	.0119066	32.55517	.0604546	.0879895	.2247806	175.7972
Stddev	.0001397	.0000811	.09978	.0002572	.0003479	.0015530	.7650
%RSD	1.722764	.6814129	.3064885	.4253919	.3954260	.6908752	.4351632

#1	.0081977	.0118190	32.55575	.0607131	.0883538	.2259227	176.6785
#2	.0079484	.0119219	32.45510	.0601987	.0876607	.2230123	175.3037
#3	.0081823	.0119791	32.65465	.0604518	.0879540	.2254067	175.4096

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.55935	14.16780	.1686057	.0102139	.3625445	.1850096	2.073245
Stddev	.08736	.10254	.0000572	.0000527	.1365328	.0017373	.040173
%RSD	.4248957	.7237883	.0339516	.5156582	37.65960	.9390105	1.937683

#1	20.61265	14.21308	.1685580	.0102746	.2159847	.1831910	2.091598
#2	20.45853	14.05041	.1685899	.0101859	.3855115	.1866521	2.100963
#3	20.60686	14.23991	.1686692	.0101811	.4861372	.1851857	2.027174

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.191617	4.119081	.1432850	.0026920	8.574619	11.40752	.0175539
Stddev	.043691	.014564	.0011480	.0002220	.041963	.10074	.0013859
%RSD	.8415763	.3535855	.8011931	8.247198	.4893864	.8830900	7.895183

#1	5.237265	4.102292	.1424007	.0024433	8.602580	11.48002	.0186684
#2	5.150189	4.126623	.1445824	.0028702	8.526367	11.29249	.0179912
#3	5.187396	4.128328	.1428719	.0027625	8.594909	11.45004	.0160021

Sample Name: J5321-03DLX2 Acquired: 10/23/2018 15:37:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGACK7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6121025	.0290913	.1044851
Stddev	.0008243	.0012809	.0002899
%RSD	.1346717	4.403157	.2774198

#1	.6120405	.0286403	.1047510
#2	.6113110	.0280968	.1041761
#3	.6129561	.0305367	.1045284

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2888.990	3353.343	64327.12	6538.664	3682.391
Stddev	8.700	6.070	150.32	50.229	2.958
%RSD	.3011324	.1810199	.2336883	.7681866	.0803238

#1	2898.287	3346.335	64364.22	6504.186	3678.975
#2	2881.045	3356.724	64161.72	6596.294	3684.089
#3	2887.640	3356.969	64455.43	6515.513	3684.107

Sample Name: CCV076 Acquired: 10/23/2018 16:02:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV076 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.926697	4.893365	23.01501	4.759596	4.887815	416.2995
Stddev	.008287	.006023	.01467	.012642	.012252	.6291
%RSD	.1682138	.1230830	.0637619	.2656113	.2506570	.1511195

#1	4.926700	4.900205	23.00176	4.772001	4.897706	415.7903
#2	4.918407	4.891032	23.01248	4.746729	4.874110	417.0028
#3	4.934982	4.888857	23.03078	4.760059	4.891629	416.1054

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.863631	.4569165	2.290809	367.9354	14.26361	2.314853
Stddev	.015191	.0036662	.000671	1.8286	.01340	.004116
%RSD	.1540116	.8023806	.0292713	.4969781	.0939645	.1778240

#1	9.848272	.4529208	2.290695	365.9624	14.25776	2.319264
#2	9.863973	.4601255	2.290204	368.2708	14.25412	2.311113
#3	9.878648	.4577031	2.291530	369.5731	14.27894	2.314183

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.50408	402.6499	13.74556	381.1620	2.439635	1.129081
Stddev	.01178	1.2684	.04773	.7033	.002619	.007197
%RSD	.0811980	.3150174	.3472244	.1845044	.1073720	.6374512

#1	14.49327	402.8417	13.72842	380.5041	2.439719	1.131038
#2	14.51663	403.8115	13.70878	381.9032	2.436975	1.121107
#3	14.50234	401.2965	13.79950	381.0785	2.442212	1.135097

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	402.2941	2.429654	13.75226	148.1526	F 5.471267	F 4.480295
Stddev	.6812	.004786	.25757	.4626	.009499	.028858
%RSD	.1693358	.1969683	1.872915	.3122152	.1736183	.6441009

#1	401.6059	2.430168	14.02320	147.6227	5.482235	4.446995
#2	402.9682	2.434161	13.51057	148.4756	5.465684	4.495883
#3	402.3080	2.424632	13.72299	148.3595	5.465883	4.498006

Sample Name: CCV076 Acquired: 10/23/2018 16:02:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV076 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.726461	F 44.46589	4.574897	5.019845	4.389615	5.031054
Stddev	.011535	.15388	.033845	.009601	.010476	.015957
%RSD	.2440506	.3460597	.7397968	.1912694	.2386493	.3171750

#1	4.733489	44.61952	4.538502	5.010602	4.377580	5.013010
#2	4.713149	44.46640	4.605426	5.019165	4.394579	5.043307
#3	4.732746	44.31176	4.580761	5.029769	4.396687	5.036845

Elem	Sr4077
Units	ppm
Avg	4.785957
Stddev	.005146
%RSD	.1075165

#1	4.784224
#2	4.781901
#3	4.791745

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1986.167	2218.544	47196.98	4793.574	3012.013
Stddev	6.157	2.563	77.46	32.572	5.279
%RSD	.3099895	.1155463	.1641215	.6794992	.1752522

#1	1979.345	2215.706	47130.16	4826.170	3012.300
#2	1991.312	2219.235	47178.90	4761.025	3006.596
#3	1987.842	2220.691	47281.88	4793.526	3017.142

Sample Name: CCB076 Acquired: 10/23/2018 16:06:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB076 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004702	-.002151	.0006903	.0013928	.0001972	-.011489	-.005428
Stddev	.004457	.001690	.0005019	.0010621	.0017149	.003702	.000132
%RSD	94.78858	78.55329	72.70820	76.25343	869.4334	32.22395	2.439324

#1	-.000545	-.000281	.0003265	.0021076	.0018041	-.007861	-.005313
#2	-.009408	-.003568	.0012630	.0001724	-.001608	-.011344	-.005399
#3	-.004154	-.002606	.0004815	.0018984	.000396	-.015261	-.005573

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000122	-.000005	.0130283	.0007234	-.000057	.0032445	.0120474
Stddev	.0000157	.000019	.0264382	.0004964	.000169	.0045245	.0263551
%RSD	128.6120	380.7353	202.9285	68.62751	299.1541	139.4528	218.7622

#1	.0000007	-.000012	.0092093	.0011059	.000102	.0072308	-.017223
#2	.0000302	.000017	.0411683	.0001624	-.000037	.0041759	.033895
#3	.0000058	-.000021	-.011293	.0009018	-.000235	-.001673	.019471

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000104	.0333320	.0002839	.0015290	-.181150	-.002796	.0005167
Stddev	.0005755	.0745322	.0000277	.0005282	.311480	.001532	.0113688
%RSD	5537.674	223.6052	9.759644	34.54580	171.9456	54.77810	2200.173

#1	.0006306	.1187820	.0002901	.0015552	.124179	-.003732	-.012586
#2	-.000093	-.018269	.0002537	.0009882	-.169193	-.001029	.006368
#3	-.000506	-.000517	.0003080	.0020436	-.498436	-.003627	.007768

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0996804	-.008848	.0144175	.0001271	-.040651	-.001907	-.000068
Stddev	.0742614	.002894	.0010254	.0001538	.008051	.000280	.001226
%RSD	74.49951	32.70552	7.112246	120.9548	19.80431	14.68344	1792.381

#1	.1773644	-.009081	.0147347	.0000833	-.037129	-.002087	.001223
#2	.0922813	-.005844	.0152468	.0002981	-.049863	-.001584	-.000212
#3	.0293955	-.011617	.0132710	.0000000	-.034962	-.002049	-.001216

Sample Name: CCB076 Acquired: 10/23/2018 16:06:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB076 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000841	-.000235	-.000030
Stddev	.002285	.000609	.000104
%RSD	271.8021	259.0415	345.8798

#1	-.001504	.000360	.000089
#2	-.002721	-.000208	-.000106
#3	.001703	-.000858	-.000073

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2231.689	2600.977	49136.55	4961.775	3746.948
Stddev	5.342	5.376	73.48	9.248	5.291
%RSD	.2393764	.2067054	.1495505	.1863823	.1412201

#1	2232.395	2606.789	49108.44	4956.200	3744.153
#2	2236.643	2599.961	49081.26	4956.675	3743.641
#3	2226.029	2596.181	49219.94	4972.450	3753.051

Sample Name: J5320-05DLX5 Acquired: 10/23/2018 17:21:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACH9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0743539	.0054010	30.48764	.0036346	.0044971	7.630383	.0553987
Stddev	.0015932	.0016569	.05187	.0020953	.0009631	.032627	.0004301
%RSD	2.142677	30.67769	.1701346	57.64819	21.41647	.4275872	.7762952

#1	.0735150	.0072541	30.42778	.0031134	.0047218	7.657689	.0556460
#2	.0761913	.0040625	30.51926	.0018491	.0034415	7.594251	.0556479
#3	.0733556	.0048863	30.51589	.0059412	.0053279	7.639208	.0549021

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019919	.0025174	235.1595	-.000597	.5121954	1.310050	82.28494
Stddev	.0000267	.0000840	.3727	.000315	.0016990	.006883	.78606
%RSD	1.338273	3.336452	.1584725	52.71290	.3316995	.5253837	.9552916

#1	.0019758	.0025085	234.8039	-.000540	.5102411	1.307193	83.17732
#2	.0019773	.0026055	235.5472	-.000314	.5130238	1.305056	81.69512
#3	.0020227	.0024382	235.1274	-.000936	.5133211	1.317902	81.98237

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.906166	116.0171	.5856727	.0078694	.2520537	.0196836	.3911036
Stddev	.012585	1.1535	.0001590	.0003062	.0753709	.0017794	.0224842
%RSD	.1413012	.9942533	.0271450	3.891371	29.90272	9.040042	5.748906

#1	8.913846	117.1781	.5855025	.0080356	.1689976	.0192593	.3982685
#2	8.913008	114.8713	.5858173	.0080566	.2710642	.0181547	.3659102
#3	8.891642	116.0017	.5856982	.0075160	.3160992	.0216368	.4091323

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4173458	.4407714	.0551939	.0023432	61.58581	3.151487	-.001149
Stddev	.0847974	.0028860	.0013322	.0003704	.16648	.023303	.000649
%RSD	20.31826	.6547601	2.413748	15.80545	.2703240	.7394302	56.49370

#1	.4185031	.4381947	.0541259	.0026509	61.39358	3.178110	-.000548
#2	.5015587	.4438899	.0547690	.0019322	61.68270	3.141559	-.001837
#3	.3319757	.4402295	.0566868	.0024467	61.68116	3.134793	-.001062

Sample Name: J5320-05DLX5 Acquired: 10/23/2018 17:21:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGACH9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0848464	.0164272	.0636208
Stddev	.0004801	.0007433	.0001256
%RSD	.5658200	4.524596	.1974808

#1	.0852829	.0163428	.0635845
#2	.0843322	.0157297	.0635173
#3	.0849241	.0172091	.0637606

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2199.020	2518.225	49810.52	4979.195	3483.512
Stddev	9.613	3.355	176.15	23.324	6.623
%RSD	.4371583	.1332263	.3536363	.4684385	.1901107

#1	2204.274	2514.749	50002.34	4953.671	3481.342
#2	2204.861	2518.484	49656.03	4984.512	3478.247
#3	2187.925	2521.443	49773.21	4999.402	3490.948

Sample Name: J5320-06DLX2 Acquired: 10/23/2018 17:25:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACJ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1415980	.0029526	33.01572	.0109710	.0084035	34.52638	.7086852
Stddev	.0042409	.0036489	.07168	.0014921	.0016799	.03754	.0016842
%RSD	2.995004	123.5827	.2170936	13.60013	19.99026	.1087145	.2376503

#1	.1389660	.0052261	33.00211	.0105258	.0103366	34.54173	.7072042
#2	.1393378	-.001256	32.95182	.0097522	.0075759	34.55381	.7083341
#3	.1464902	.004888	33.09322	.0126350	.0072980	34.48360	.7105173

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040802	.0040298	194.5784	.0594652	.6995684	2.549853	138.3194
Stddev	.0000751	.0000877	.5655	.0007468	.0005803	.002329	.2705
%RSD	1.840357	2.176956	.2906102	1.255836	.0829491	.0913357	.1955784

#1	.0041549	.0041281	193.9504	.0601971	.6993947	2.551784	138.4928
#2	.0040809	.0040018	194.7376	.0587044	.6990948	2.550508	138.4577
#3	.0040047	.0039595	195.0473	.0594940	.7002157	2.547266	138.0077

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.71715	85.09653	.8121583	.0105160	.5222142	.1137448	.4926106
Stddev	.06048	.33320	.0014211	.0003408	.2904172	.0065524	.0061883
%RSD	.5161373	.3915524	.1749815	3.240781	55.61266	5.760631	1.256221

#1	11.65509	85.07325	.8124483	.0101581	.5709794	.1168265	.4856716
#2	11.77591	85.44076	.8106146	.0108366	.7851617	.1181881	.4975575
#3	11.72046	84.77558	.8134121	.0105534	.2105015	.1062196	.4946026

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.333931	2.225340	.1093915	.0065362	33.85785	10.41479	.0531701
Stddev	.054590	.005563	.0006574	.0001428	.15865	.06638	.0014893
%RSD	2.338979	.2499902	.6009929	2.185060	.4685688	.6373539	2.801078

#1	2.358973	2.219597	.1086344	.0065834	33.96068	10.48170	.0544208
#2	2.371508	2.230703	.1097224	.0066493	33.67514	10.41370	.0535671
#3	2.271313	2.225721	.1098178	.0063757	33.93773	10.34896	.0515225

Sample Name: J5320-06DLX2 Acquired: 10/23/2018 17:25:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGACJ0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4605320	.0301618	.1578065
Stddev	.0045269	.0020882	.0003450
%RSD	.9829639	6.923309	.2186348

#1	.4580619	.0307517	.1576613
#2	.4657566	.0278421	.1582004
#3	.4577775	.0318915	.1575579

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2248.368	2593.342	51049.02	5168.580	3483.759
Stddev	11.237	5.055	100.59	26.275	4.800
%RSD	.4997748	.1949278	.1970487	.5083526	.1377859

#1	2241.690	2587.510	51056.37	5141.118	3478.372
#2	2261.341	2596.456	51145.73	5171.143	3487.584
#3	2242.072	2596.061	50944.95	5193.479	3485.320

Sample Name: J5320-15DLX2 Acquired: 10/23/2018 17:29:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACJ9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1387665	.0071055	1.018532	.0164072	.0072618	59.66210	1.207991
Stddev	.0052825	.0013350	.004010	.0002374	.0012868	.08321	.001190
%RSD	3.806781	18.78853	.3936798	1.446795	17.72049	.1394752	.0984811

#1	.1399190	.0085003	1.016935	.0165696	.0083428	59.58363	1.209025
#2	.1330029	.0058397	1.015567	.0161348	.0058384	59.74936	1.206691
#3	.1433777	.0069764	1.023094	.0165173	.0076041	59.65332	1.208257

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082531	.0022131	10.17086	.1278819	.1081277	.1121412	223.7275
Stddev	.0000806	.0001303	.01756	.0005879	.0004201	.0040076	1.4295
%RSD	.9765955	5.887179	.1726208	.4597360	.3884867	3.573662	.6389592

#1	.0081628	.0022535	10.17070	.1272080	.1082032	.1164498	222.0924
#2	.0083178	.0020674	10.15337	.1281481	.1076751	.1114488	224.3487
#3	.0082786	.0023185	10.18849	.1282898	.1085050	.1085249	224.7412

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.24336	5.603961	.1471432	.0117930	.5977116	.2704438	.1889877
Stddev	.03315	.152019	.0003100	.0003086	.1464386	.0051840	.0108849
%RSD	.2041018	2.712707	.2106491	2.616819	24.49987	1.916848	5.759581

#1	16.20943	5.505659	.1469172	.0115304	.5873260	.2704233	.2014858
#2	16.24496	5.779057	.1474966	.0121329	.7490666	.2652701	.1838915
#3	16.27568	5.527165	.1470160	.0117156	.4567423	.2756381	.1815858

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.075741	2.002144	.1730088	.0054295	5.374676	12.31725	.0054112
Stddev	.086316	.005277	.0026598	.0003403	.049114	.02270	.0006963
%RSD	1.700551	.2635609	1.537367	6.267900	.9138110	.1842724	12.86780

#1	4.981529	1.996846	.1711232	.0052555	5.356092	12.29911	.0047139
#2	5.151015	2.002188	.1718521	.0058216	5.337566	12.34271	.0054132
#3	5.094679	2.007399	.1760510	.0052113	5.430371	12.30995	.0061065

Sample Name: J5320-15DLX2 Acquired: 10/23/2018 17:29:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACJ9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8785186	.0228949	.0559648
Stddev	.0037214	.0015543	.0001193
%RSD	.4235986	6.788887	.2131303

#1	.8779492	.0212320	.0561017
#2	.8824918	.0243112	.0559095
#3	.8751147	.0231414	.0558832

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2485.804	2897.410	55646.80	5609.515	3707.089
Stddev	6.527	4.435	117.35	38.248	4.882
%RSD	.2625795	.1530722	.2108828	.6818427	.1316887

#1	2492.913	2895.681	55753.87	5637.635	3705.355
#2	2480.081	2894.100	55521.34	5565.962	3703.311
#3	2484.419	2902.450	55665.19	5624.950	3712.602

Sample Name: J5320-17A Acquired: 10/23/2018 17:33:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACK1A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0986664	.0024169	.1524584	.0081309	.0016781	40.78490	.9458090
Stddev	.0027049	.0029493	.0022908	.0020401	.0018079	.12744	.0011049
%RSD	2.741483	122.0284	1.502556	25.09102	107.7321	.3124764	.1168219

#1	.0991878	-.000755	.1508650	.0092120	.0019531	40.72500	.9445458
#2	.1010727	.002929	.1514265	.0057778	.0033328	40.93125	.9462852
#3	.0957387	.005077	.1550836	.0094030	-.000251	40.69843	.9465959

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092372	.0040140	9.602770	.0691778	.1368646	.0653403	118.3315
Stddev	.0000609	.0000984	.042822	.0002441	.0005008	.0028735	.3006
%RSD	.6593034	2.452365	.4459331	.3529097	.3659438	4.397823	.2540560

#1	.0091937	.0040168	9.554063	.0694272	.1371449	.0620687	118.3302
#2	.0093068	.0039141	9.634501	.0689393	.1371624	.0664968	118.6327
#3	.0092111	.0041109	9.619746	.0691670	.1362863	.0674554	118.0315

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.45101	3.157592	.1402791	.0066451	.1160794	.2106665	.2815466
Stddev	.02526	.020755	.0007880	.0002724	.2045957	.0048804	.0124759
%RSD	.2206219	.6573096	.5617706	4.099530	176.2550	2.316671	4.431207

#1	11.42319	3.146042	.1408849	.0068826	.1831433	.2154981	.2698536
#2	11.45732	3.145180	.1393882	.0063477	-.113632	.2107629	.2801059
#3	11.47251	3.181553	.1405641	.0067051	.278726	.2057386	.2946803

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4723027	2.634314	.0901053	.0036986	7.141696	13.40088	.0025965
Stddev	.0732437	.015251	.0013611	.0000879	.080173	.08512	.0005694
%RSD	15.50778	.5789346	1.510515	2.378042	1.122601	.6351650	21.93074

#1	.5335141	2.649067	.0907748	.0036465	7.185450	13.40441	.0026568
#2	.4922391	2.618609	.0885392	.0038002	7.190472	13.48418	.0031334
#3	.3911549	2.635267	.0910020	.0036492	7.049166	13.31405	.0019993

Sample Name: J5320-17A Acquired: 10/23/2018 17:33:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGACK1A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5907031	.0152300	.0626743
Stddev	.0018096	.0000564	.0000347
%RSD	.3063418	.3703552	.0554400

#1	.5913974	.0152844	.0626478
#2	.5920627	.0151718	.0626615
#3	.5886492	.0152339	.0627136

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2907.297	3389.413	64974.34	6632.739	3738.043
Stddev	1.840	4.983	187.63	32.962	5.144
%RSD	.0632985	.1470269	.2887832	.4969627	.1376120

#1	2905.235	3383.891	64767.53	6631.347	3732.645
#2	2908.773	3390.773	65133.69	6600.495	3738.594
#3	2907.883	3393.575	65021.79	6666.375	3742.889

Sample Name: CCV077 Acquired: 10/23/2018 18:01:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV077 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.229097	5.162469	23.47221	5.027810	5.190415	427.2597
Stddev	.020597	.007111	.05910	.009298	.013918	3.2868
%RSD	.3938843	.1377501	.2517754	.1849351	.2681564	.7692850

#1	5.231254	5.170517	23.44009	5.027199	5.185446	431.0528
#2	5.207506	5.157033	23.43612	5.018832	5.179662	425.2511
#3	5.248530	5.159856	23.54041	5.037398	5.206135	425.4751

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.43258	.4900265	2.409767	371.2669	15.16379	2.424910
Stddev	.10124	.0029105	.005552	3.0038	.01999	.003991
%RSD	.9704352	.5939413	.2303856	.8090633	.1318531	.1645983

#1	10.54947	.4932904	2.410134	374.7344	15.18683	2.422948
#2	10.37326	.4877012	2.404041	369.4634	15.15098	2.422278
#3	10.37499	.4890877	2.415126	369.6028	15.15357	2.429502

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.48708	415.2260	13.83218	400.6662	2.566342	1.180041
Stddev	.14565	2.6692	.08177	3.4558	.005964	.008076
%RSD	.9404867	.6428343	.5911710	.8625242	.2323828	.6843717

#1	15.65517	418.2041	13.92656	404.4915	2.568807	1.173276
#2	15.39817	413.0493	13.78752	397.7696	2.559540	1.188981
#3	15.40789	414.4246	13.78246	399.7376	2.570678	1.177865

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	409.9882	2.642232	14.64838	158.1671	F 5.850331	4.771377
Stddev	3.4250	.034219	.14132	1.1099	.011503	.015091
%RSD	.8353825	1.295063	.9647635	.7017366	.1966224	.3162732

#1	413.8266	2.676873	14.53885	159.4486	5.845209	4.786421
#2	408.8938	2.641370	14.80790	157.5359	5.863505	4.756240
#3	407.2442	2.608452	14.59839	157.5166	5.842279	4.771469

Sample Name: CCV077 Acquired: 10/23/2018 18:01:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV077 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.015358	46.86753	4.903139	5.306024	4.676130	5.335760
Stddev	.014233	.05585	.021760	.010404	.031790	.049329
%RSD	.2837975	.1191673	.4438003	.1960741	.6798375	.9245053

#1	5.007595	46.80313	4.923410	5.311683	4.712188	5.392528
#2	5.006694	46.90266	4.880146	5.294017	4.652145	5.303317
#3	5.031785	46.89681	4.905862	5.312371	4.664058	5.311436

Elem	Sr4077
Units	ppm
Avg	5.066442
Stddev	.041476
%RSD	.8186330

#1	5.114226
#2	5.045330
#3	5.039770

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1969.131	2196.962	46938.54	4718.887	3001.020
Stddev	15.924	5.105	117.22	22.600	2.289
%RSD	.8086674	.2323886	.2497265	.4789323	.0762841

#1	1980.815	2201.884	46858.41	4694.902	3002.006
#2	1950.994	2197.311	46884.14	4721.975	3002.651
#3	1975.584	2191.691	47073.07	4739.785	2998.403

Sample Name: CCB077 Acquired: 10/23/2018 18:05:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB077 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004770	-.002718	.0009293	.0014371	-.000343	.0002510	-.004471
Stddev	.002171	.001682	.0005937	.0017667	.001649	.0054410	.001158
%RSD	45.50649	61.87173	63.88614	122.9391	481.0294	2167.427	25.90536

#1	-.006699	-.003203	.0009054	.0005810	-.001769	-.003336	-.004428
#2	-.002419	-.004104	.0003479	.0002615	.001463	-.002422	-.005650
#3	-.005191	-.000847	.0015346	.0034687	-.000722	.006512	-.003334

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000211	-.000030	-.001226	.0005500	.0001861	.0023335	.0188490
Stddev	.0000551	.000035	.004956	.0003074	.0003166	.0011172	.0089460
%RSD	260.7891	117.4328	404.3306	55.89495	170.1529	47.87916	47.46112

#1	-.000005	-.000024	-.003214	.0007624	.0004895	.0016787	.0092977
#2	.000085	-.000068	-.004879	.0006902	-.000142	.0016982	.0270319
#3	-.000016	.000002	.004416	.0001975	.000211	.0036235	.0202176

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000168	.0270883	.0005028	.0014288	-.335722	-.002161	.0158059
Stddev	.000596	.0354603	.0003323	.0005917	.130382	.003278	.0045481
%RSD	356.0832	130.9063	66.08466	41.41361	38.83616	151.7046	28.77472

#1	.000483	.0291663	.0002937	.0012617	-.301555	-.003913	.0153033
#2	-.000298	-.009365	.0003288	.0009386	-.479785	.001621	.0205844
#3	-.000688	.061464	.0008860	.0020861	-.225826	-.004191	.0115299

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0213264	-.006377	.0143912	.0001992	-.030726	-.001568	-.000057
Stddev	.1073909	.000827	.0008748	.0002046	.018549	.001175	.000214
%RSD	503.5579	12.97635	6.078867	102.7212	60.36949	74.98479	377.2545

#1	.0973695	-.005921	.0149200	-.000034	-.015541	-.002874	.000096
#2	.0681334	-.007332	.0148722	.000348	-.051400	-.001234	-.000302
#3	-.101524	-.005878	.0133814	.000284	-.025236	-.000595	.000035

Sample Name: CCB077 Acquired: 10/23/2018 18:05:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v696) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB077 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001195	.0028666	-.000060
Stddev	.000788	.0004749	.000072
%RSD	65.97575	16.56475	120.7261

#1	-.001332	.0032855	-.000127
#2	-.001906	.0029636	.000017
#3	-.000347	.0023508	-.000069

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2240.026	2591.770	48949.97	4851.650	3749.948
Stddev	10.738	5.436	185.83	18.447	6.841
%RSD	.4793585	.2097455	.3796422	.3802299	.1824329

#1	2228.917	2586.587	48781.61	4850.600	3742.267
#2	2240.811	2597.428	48918.92	4833.750	3755.387
#3	2250.350	2591.293	49149.37	4870.600	3752.191