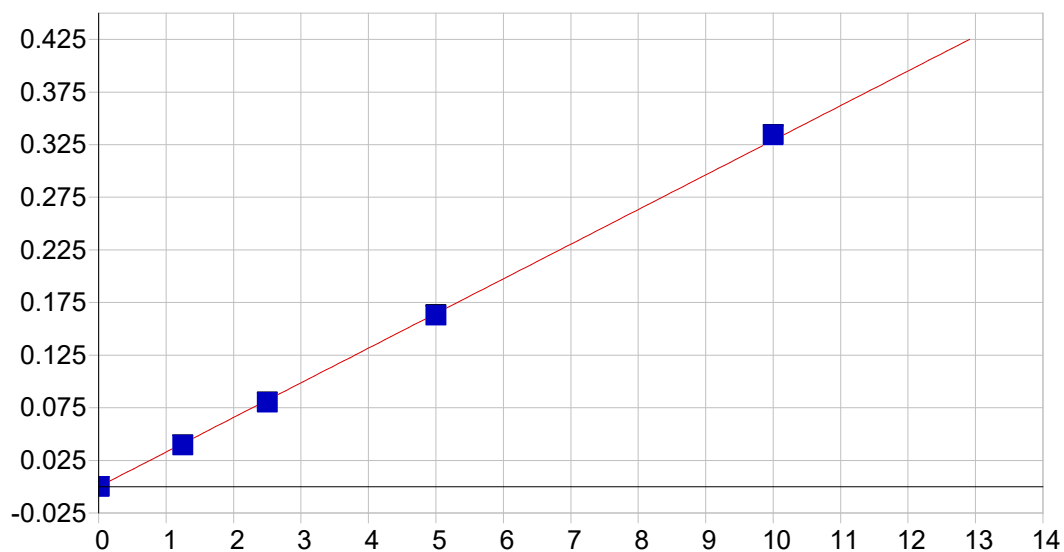


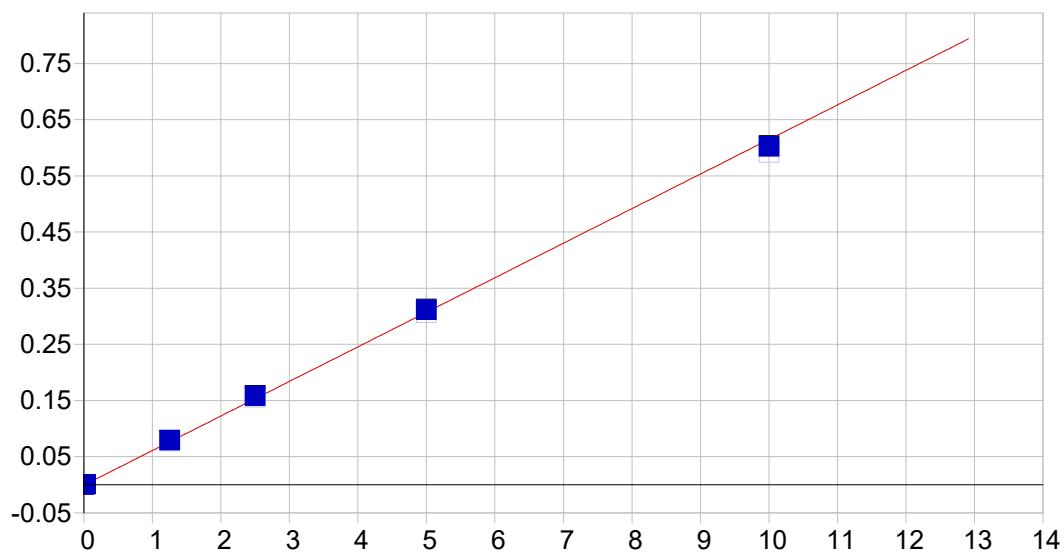


As 189.042 {479}

Date of Fit: 10/07/2019 12:47:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000074 Re-Slope: 1.000000
 A1 (Gain): 0.032927 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999825 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.004077
 Predicted MQL: 0.013591

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00007	.000	1
S1	.01000	.01159	.002	15.9	.00031	.000	1
S2	1.2500	1.2022	-.048	-3.82	.03941	.000	1
S3	2.5000	2.4381	-.062	-2.48	.08001	.000	1
S4	5.0000	4.9511	-.049	-.978	.16256	.001	1
S5	10.000	10.157	.157	1.57	.33359	.000	1

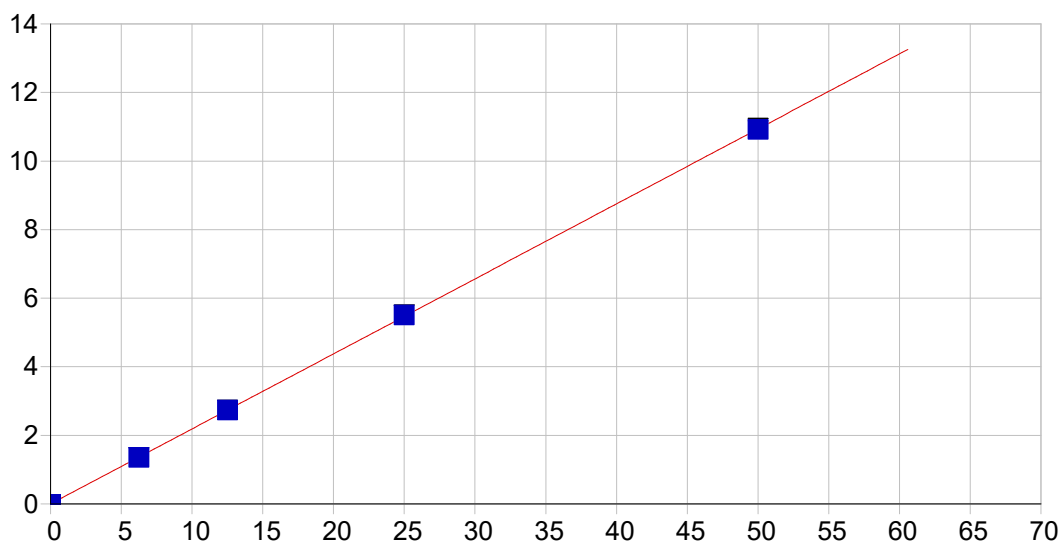


TI 190.856 {477}

Date of Fit: 10/07/2019 12:47:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000476 Re-Slope: 1.000000
 A1 (Gain): 0.061536 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999744 Status: OK.
 Std Error of Est: 0.000036
 Predicted MDL: 0.002602
 Predicted MQL: 0.008672

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00048	.000	1
S1	.02500	.02571	.001	2.84	.00104	.000	1
S2	1.2500	1.2943	.044	3.54	.07775	.000	1
S3	2.5000	2.5829	.083	3.32	.15563	.001	1
S4	5.0000	5.0706	.071	1.41	.30588	.001	1
S5	10.000	9.8015	-.199	-1.99	.59132	.001	1

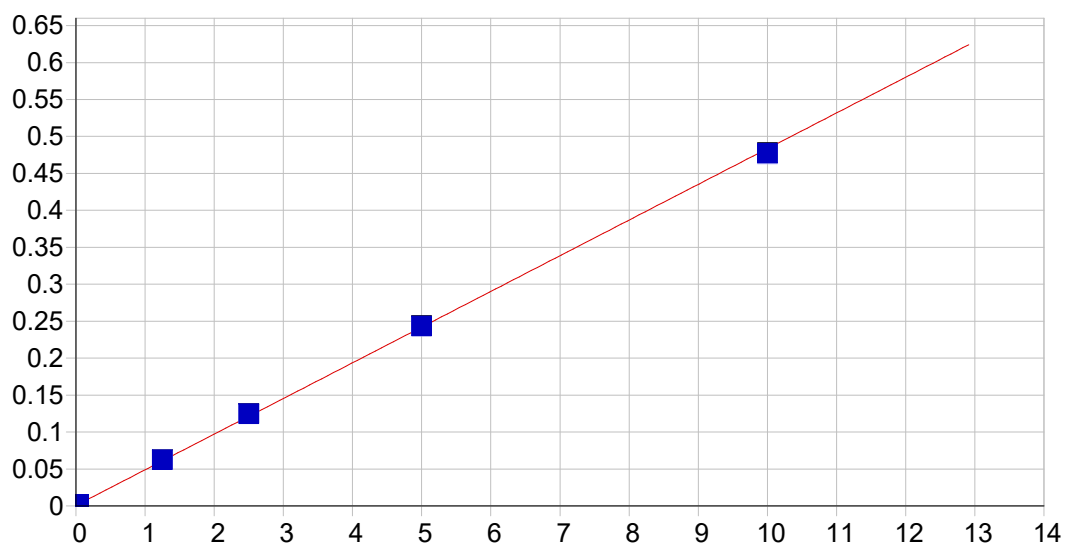


Pb 220.353 {453}

Date of Fit: 10/07/2019 12:47:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000514	Re-Slope:	1.000000
A1 (Gain):	0.218744	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999989	Status:	OK.
Std Error of Est:	0.000039		
Predicted MDL:	0.001751		
Predicted MQL:	0.005838		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00051	.000	1
S1	.01000	.00915	-.001	-8.51	.00252	.000	1
S2	6.2500	6.1779	-.072	-1.15	1.3522	.004	1
S3	12.500	12.485	-.015	-.124	2.7320	.005	1
S4	25.000	25.163	.163	.651	5.5058	.007	1
S5	50.000	49.926	-.074	-.149	10.924	.038	1

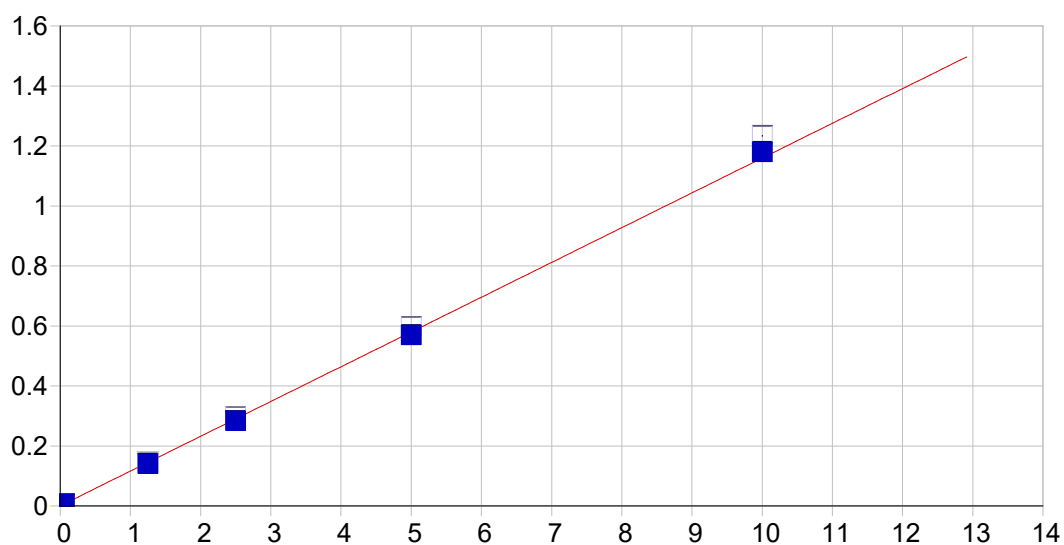


Se 196.090 {472}

Date of Fit: 10/07/2019 12:47:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000526 Re-Slope: 1.000000
 A1 (Gain): 0.048296 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999880 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.003684
 Predicted MQL: 0.012279

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00053	.000	1
S1	.03500	.03469	-.000	-.876	.00220	.000	1
S2	1.2500	1.2796	.030	2.37	.06217	.000	1
S3	2.5000	2.5694	.069	2.78	.12430	.000	1
S4	5.0000	5.0302	.030	.604	.24283	.001	1
S5	10.000	9.8710	-.129	-1.29	.47599	.001	1

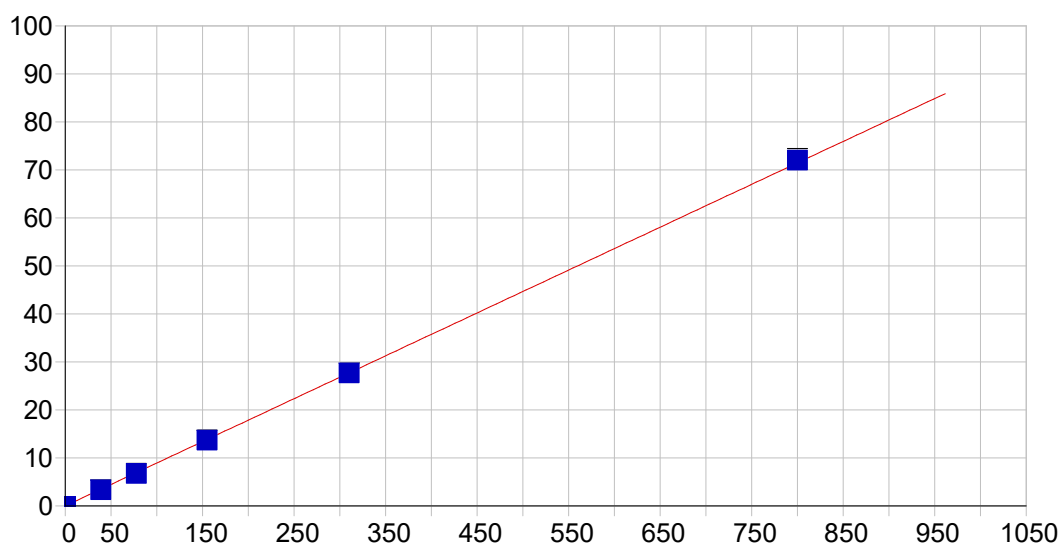


Sb 206.833 {463}

Date of Fit: 10/07/2019 12:47:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000242 Re-Slope: 1.000000
 A1 (Gain): 0.115903 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999829 Status: OK.
 Std Error of Est: 0.000092
 Predicted MDL: 0.002027
 Predicted MQL: 0.006756

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00024	.000	1
S1	.06000	.05831	-.002	-2.81	.00701	.000	1
S2	1.2500	1.2163	-.034	-2.69	.14789	.000	1
S3	2.5000	2.4426	-.057	-2.30	.29669	.000	1
S4	5.0000	4.9129	-.087	-1.74	.59634	.001	1
S5	10.000	10.180	.180	1.80	1.2335	.002	1

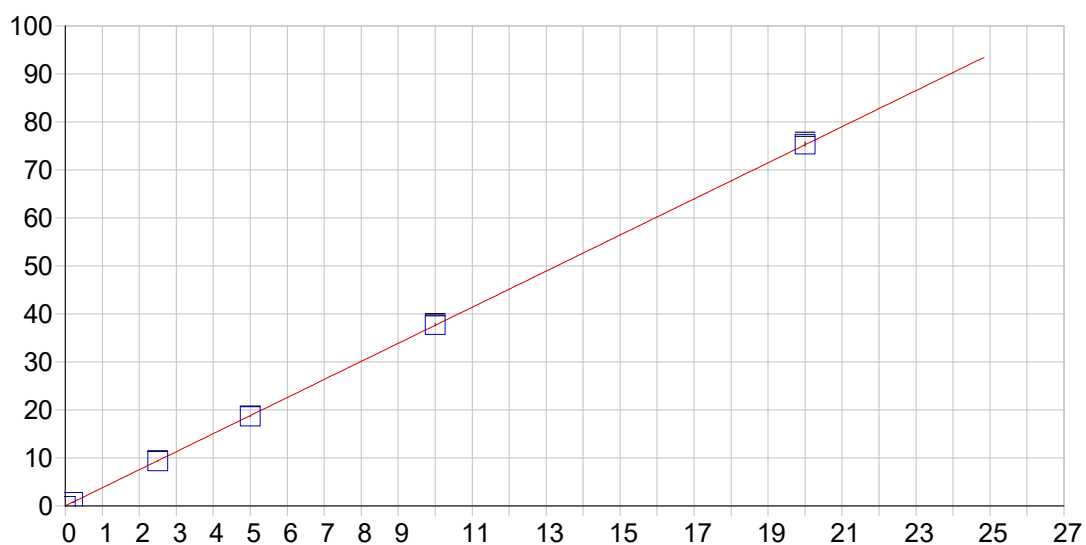


AI 396.152 { 85}

Date of Fit: 10/07/2019 12:47:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005593 Re-Slope: 1.000000
 A1 (Gain): 0.089326 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999935 Status: OK.
 Std Error of Est: 0.000636
 Predicted MDL: 0.009633
 Predicted MQL: 0.032111

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00559	.001	1
S1	.20000	.19742	-.003	-1.29	.02354	.000	1
S2	38.750	37.320	-1.43	-3.69	3.3462	.012	1
S3	77.500	75.316	-2.18	-2.82	6.7471	.021	1
S4	155.00	153.16	-1.84	-1.18	13.715	.041	1
S5	310.00	309.51	-.487	-.157	27.708	.083	1
S6	800.00	805.95	5.95	.743	72.042	.369	1

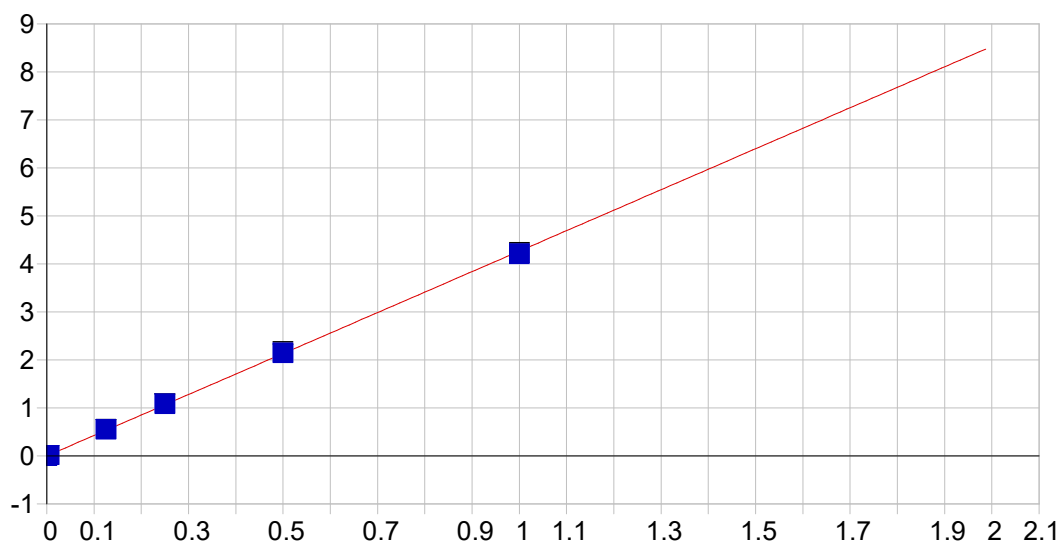


Ba 493.409 { 68}

Date of Fit: 10/07/2019 12:47:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006560 Re-Slope: 1.000000
 A1 (Gain): 3.761957 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989 Status: OK.
 Std Error of Est: 0.001848
 Predicted MDL: 0.000514
 Predicted MQL: 0.001713

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00659	.001	1
S1	.20000	.19532	-.005	-2.34	.74136	.003	1
S2	2.5000	2.4757	-.024	-.974	9.3199	.072	1
S3	5.0000	4.9627	-.037	-.747	18.676	.090	1
S4	10.000	10.037	.037	.370	37.765	.237	1
S5	20.000	20.029	.029	.147	75.356	.426	1

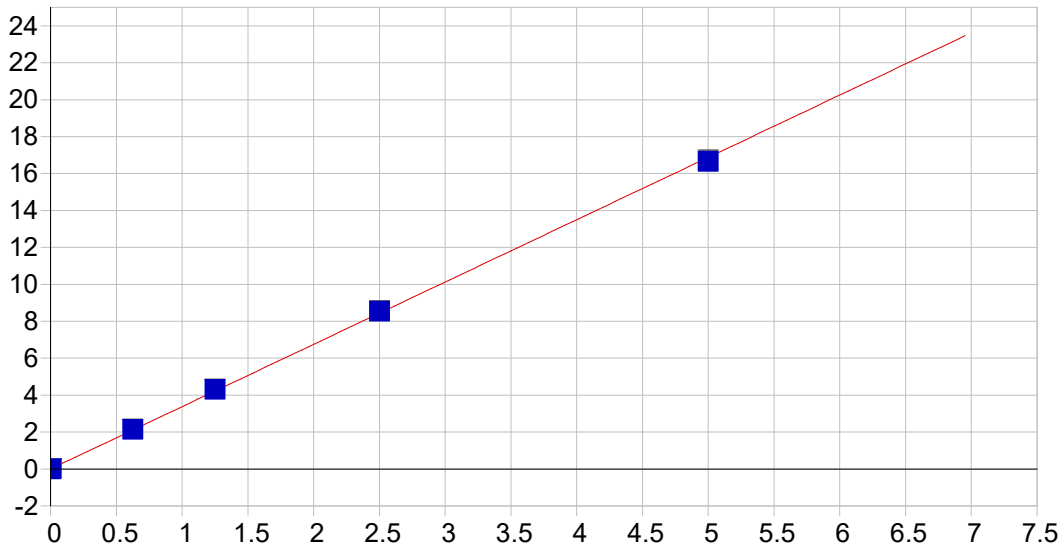


Be 234.861 {144}

Date of Fit: 10/07/2019 12:47:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001059	Re-Slope:	1.000000
A1 (Gain):	4.266737	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999877	Status:	OK.
Std Error of Est:	0.000250		
Predicted MDL:	0.000076		
Predicted MQL:	0.000252		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00106	.000	1
S1	.00500	.00501	.000	.237	.02031	.000	1
S2	.12500	.12975	.005	3.80	.55080	.003	1
S3	.25000	.25479	.005	1.92	1.0825	.005	1
S4	.50000	.50329	.003	.657	2.1393	.025	1
S5	1.0000	.98716	-.013	-1.28	4.1967	.029	1

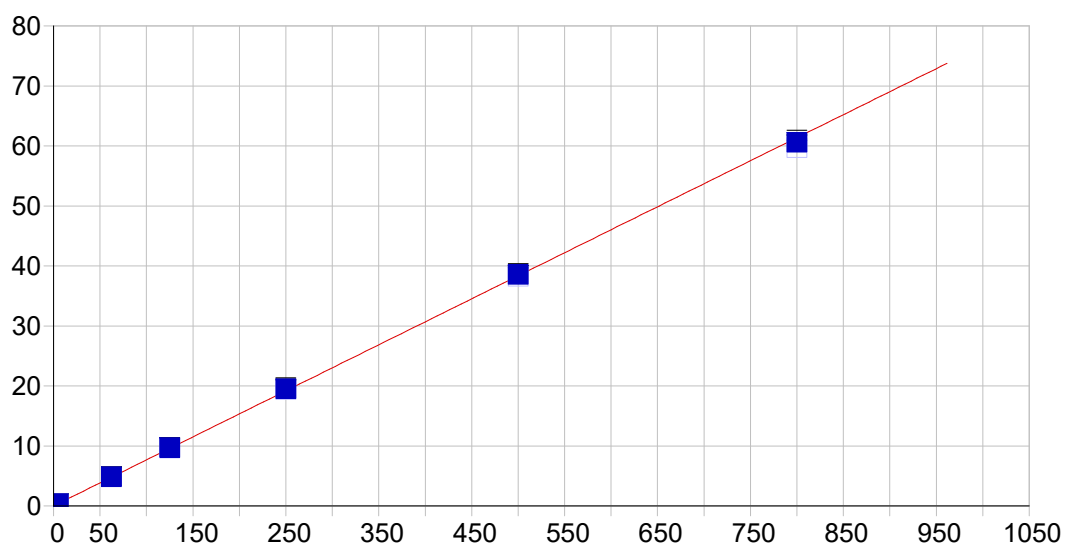


Cd 214.438 {457}

Date of Fit: 10/07/2019 12:47:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000145	Re-Slope:	1.000000
A1 (Gain):	3.374923	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999893	Status:	OK.
Std Error of Est:	0.000415		
Predicted MDL:	0.000082		
Predicted MQL:	0.000273		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00014	.000	1
S1	.00500	.00498	-.000	-.336	.01697	.000	1
S2	.62500	.63574	.011	1.72	2.1490	.003	1
S3	1.2500	1.2765	.027	2.12	4.3149	.005	1
S4	2.5000	2.5301	.030	1.20	8.5518	.013	1
S5	5.0000	4.9327	-.067	-1.35	16.673	.052	1

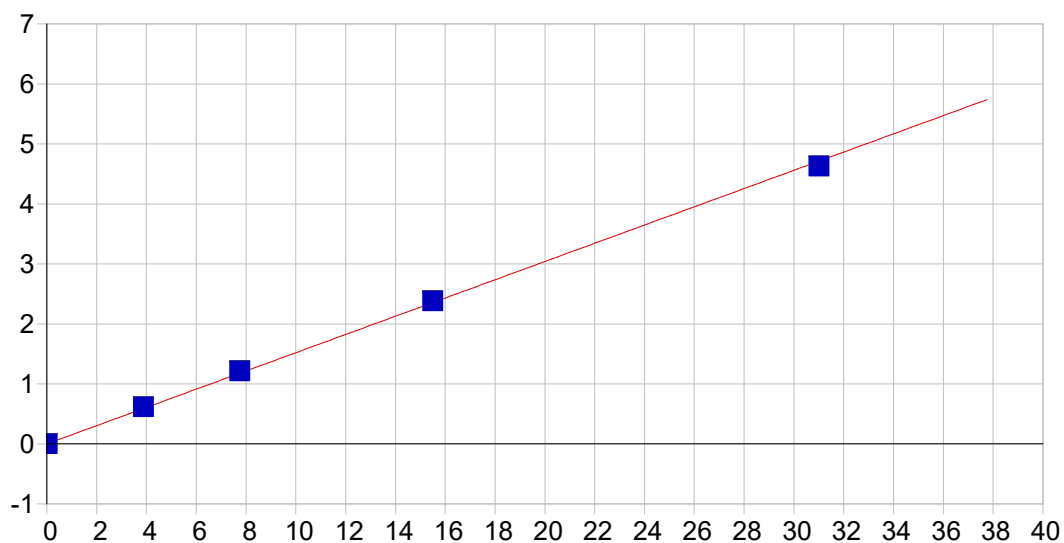


Ca 373.690 { 90}

Date of Fit: 10/07/2019 12:47:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000950 Re-Slope: 1.000000
 A1 (Gain): 0.076709 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999925 Status: OK.
 Std Error of Est: 0.003238
 Predicted MDL: 0.010952
 Predicted MQL: 0.036508

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00023	-.000	.000	.00093	.000	1
S1	5.0000	5.0469	.047	.938	.38798	.000	1
S2	62.500	63.345	.845	1.35	4.8172	.028	1
S3	125.00	126.39	1.39	1.12	9.6107	.024	1
S4	250.00	254.78	4.78	1.91	19.373	.113	1
S5	500.00	502.73	2.73	.545	38.222	.177	1
S6	800.00	790.15	-9.85	-1.23	59.698	.366	1

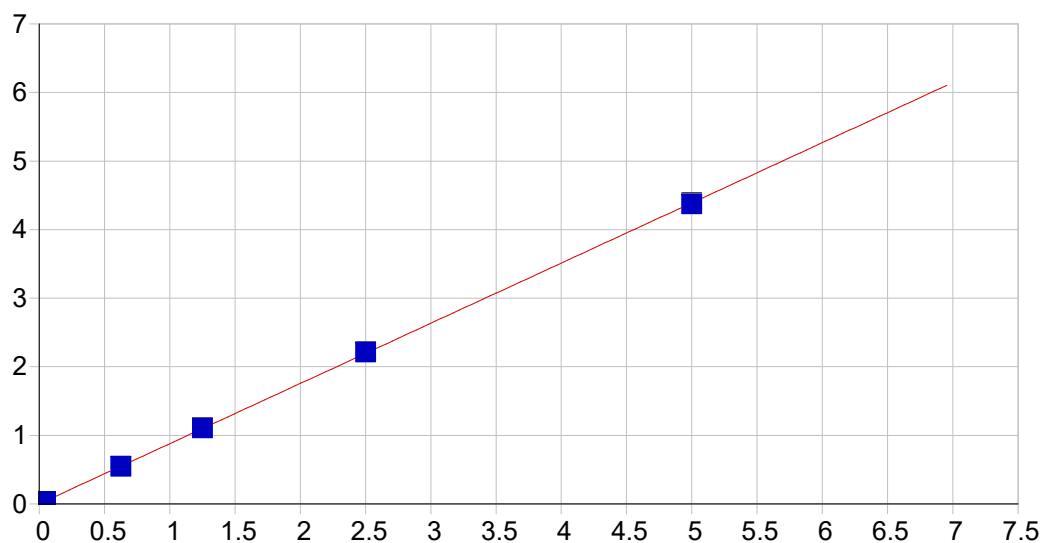


Cr 267.716 {126}

Date of Fit: 10/07/2019 12:47:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000001 Re-Slope: 1.000000
 A1 (Gain): 0.151992 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999771 Status: OK.
 Std Error of Est: 0.000096
 Predicted MDL: 0.000596
 Predicted MQL: 0.001986

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00000	.000	1
S1	.01000	.01101	.001	10.1	.00168	.000	1
S2	3.8750	4.0417	.167	4.30	.61505	.001	1
S3	7.7500	7.9873	.237	3.06	1.2155	.004	1
S4	15.500	15.664	.164	1.06	2.3837	.003	1
S5	31.000	30.431	-.569	-1.84	4.6312	.007	1

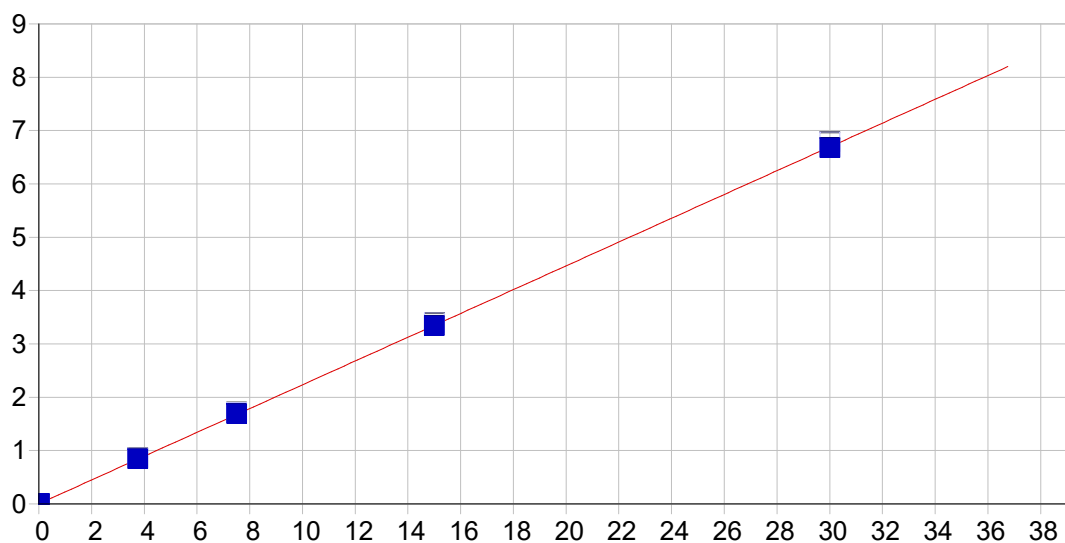


Co 228.616 {448}

Date of Fit: 10/07/2019 12:47:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000389 Re-Slope: 1.000000
 A1 (Gain): 0.877909 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980 Status: OK.
 Std Error of Est: 0.000148
 Predicted MDL: 0.000297
 Predicted MQL: 0.000990

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00039	.000	1
S1	.05000	.04805	-.002	-3.89	.04273	.000	1
S2	.62500	.62197	-.003	-.485	.54729	.001	1
S3	1.2500	1.2568	.007	.545	1.1055	.001	1
S4	2.5000	2.5198	.020	.793	2.2160	.003	1
S5	5.0000	4.9784	-.022	-.433	4.3779	.012	1

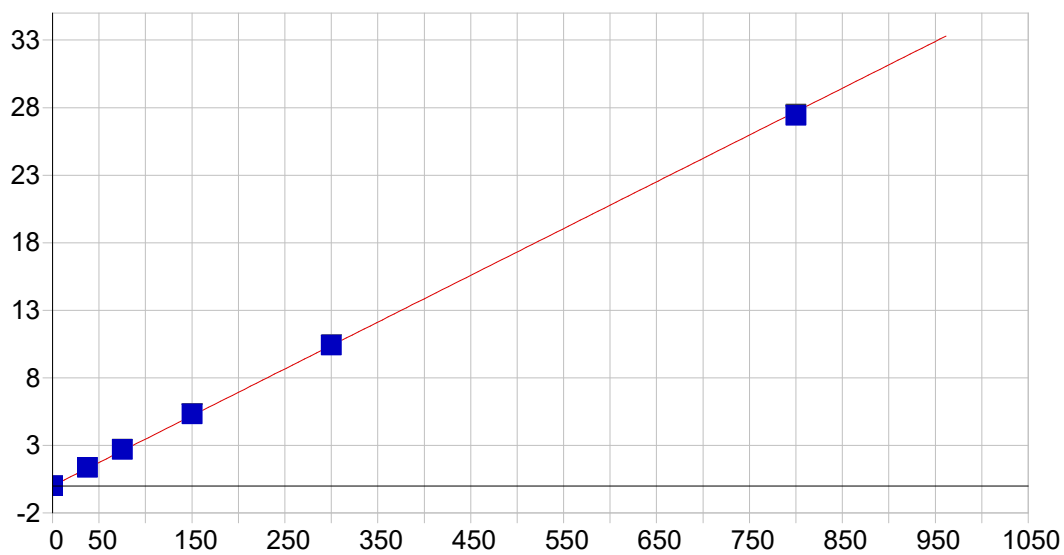


Cu 324.754 {104}

Date of Fit: 10/07/2019 12:47:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002850 Re-Slope: 1.000000
 A1 (Gain): 0.223026 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989 Status: OK.
 Std Error of Est: 0.000049
 Predicted MDL: 0.002482
 Predicted MQL: 0.008275

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00285	.000	1
S1	.02500	.02408	-.001	-3.66	.00934	.001	1
S2	3.7500	3.7929	.043	1.14	.86217	.002	1
S3	7.5000	7.5621	.062	.828	1.7162	.004	1
S4	15.000	14.968	-.032	-.216	3.3947	.006	1
S5	30.000	29.929	-.071	-.238	6.7850	.009	1

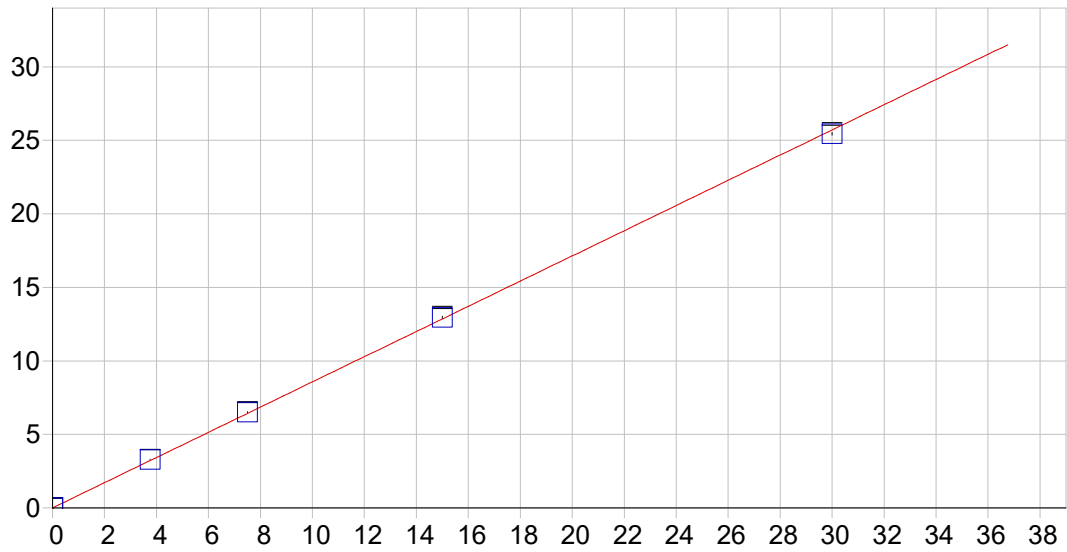


Fe 259.837 {130}

Date of Fit: 10/07/2019 12:47:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000007 Re-Slope: 1.000000
 A1 (Gain): 0.034630 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999876 Status: OK.
 Std Error of Est: 0.000239
 Predicted MDL: 0.007710
 Predicted MQL: 0.025700

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00001	.000	1
S1	.10000	.10316	.003	3.16	.00371	.000	1
S2	37.500	39.157	1.66	4.42	1.3587	.008	1
S3	75.000	77.620	2.62	3.49	2.6934	.011	1
S4	150.00	153.53	3.53	2.36	5.3277	.023	1
S5	300.00	300.66	.660	.220	10.434	.032	1
S6	800.00	791.52	-8.48	-1.06	27.446	.060	1

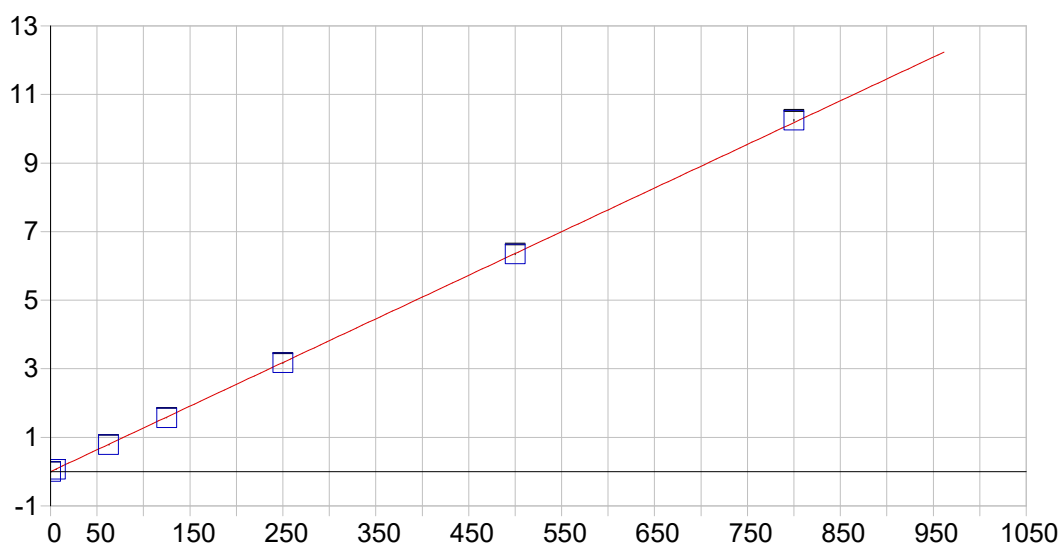


Mn 257.610 {131}

Date of Fit: 10/07/2019 12:47:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000657	Re-Slope:	1.000000
A1 (Gain):	0.857077	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999930	Status:	OK.
Std Error of Est:	0.000360		
Predicted MDL:	0.000354		
Predicted MQL:	0.001179		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00066	.000	1
S1	.01500	.01556	.001	3.76	.01400	.000	1
S2	3.7500	3.8403	.090	2.41	3.2921	.016	1
S3	7.5000	7.6049	.105	1.40	6.5187	.025	1
S4	15.000	15.118	.118	.785	12.958	.074	1
S5	30.000	29.686	-.314	-1.05	25.444	.096	1

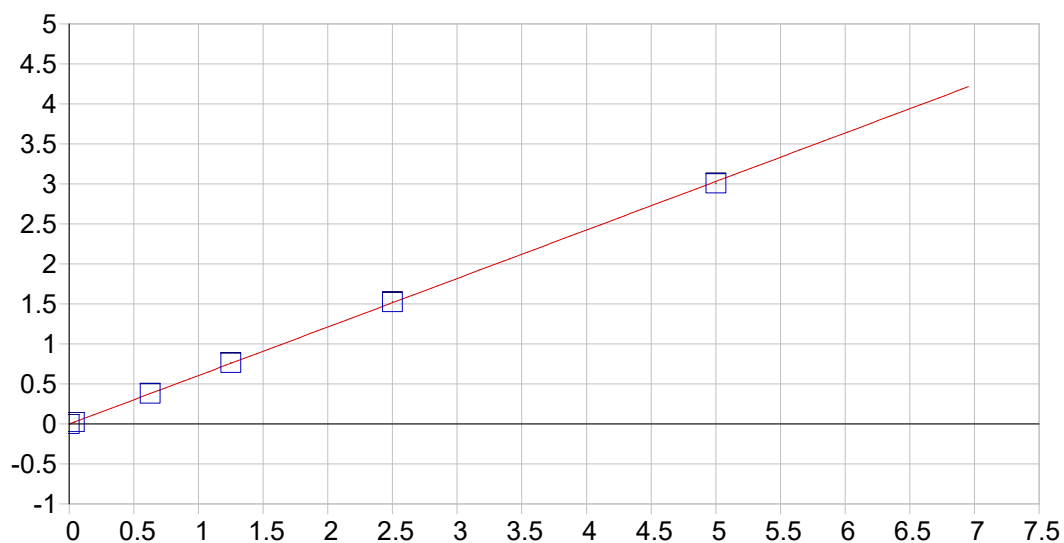


Mg 279.079 {121}

Date of Fit: 10/07/2019 12:47:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000076	Re-Slope:	1.000000
A1 (Gain):	0.012726	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999979	Status:	OK.
Std Error of Est:	0.000287		
Predicted MDL:	0.025135		
Predicted MQL:	0.083783		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00020	.000	.000	-.00007	.000	1
S1	5.0000	4.9378	-.062	-1.24	.06276	.000	1
S2	62.500	61.625	-.875	-1.40	.78419	.002	1
S3	125.00	123.40	-1.60	-1.28	1.5704	.006	1
S4	250.00	248.90	-1.10	-.440	3.1675	.014	1
S5	500.00	498.68	-1.32	-.265	6.3462	.024	1
S6	800.00	804.96	4.96	.620	10.244	.026	1

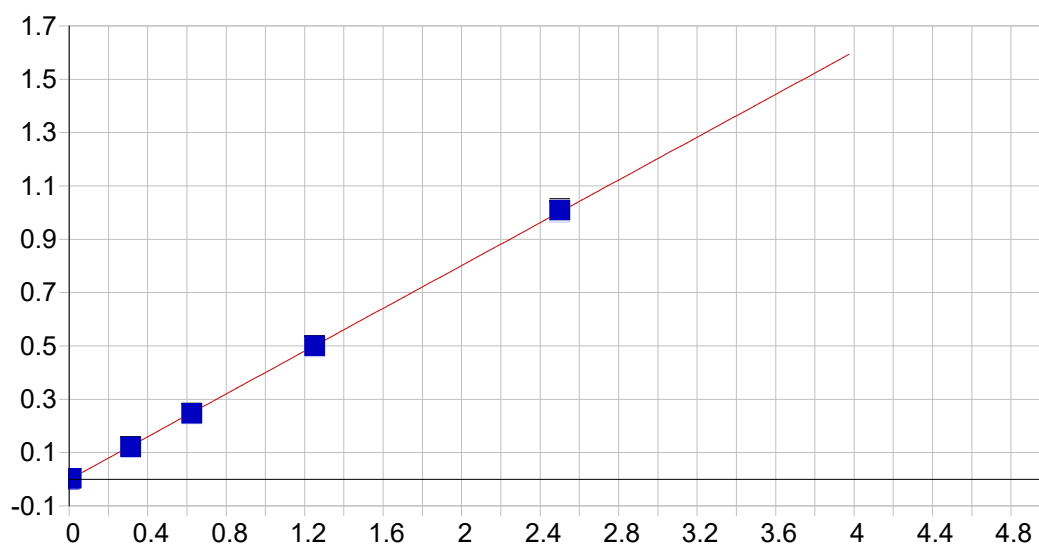


Ni 231.604 {446}

Date of Fit: 10/07/2019 12:47:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001290	Re-Slope:	1.000000
A1 (Gain):	0.606315	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999968	Status:	OK.
Std Error of Est:	0.000114		
Predicted MDL:	0.000497		
Predicted MQL:	0.001657		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00129	.000	1
S1	.04000	.04090	.001	2.25	.02351	.000	1
S2	.62500	.63161	.007	1.06	.38166	.000	1
S3	1.2500	1.2648	.015	1.18	.76555	.003	1
S4	2.5000	2.5136	.014	.542	1.5227	.004	1
S5	5.0000	4.9642	-.036	-.717	3.0086	.005	1

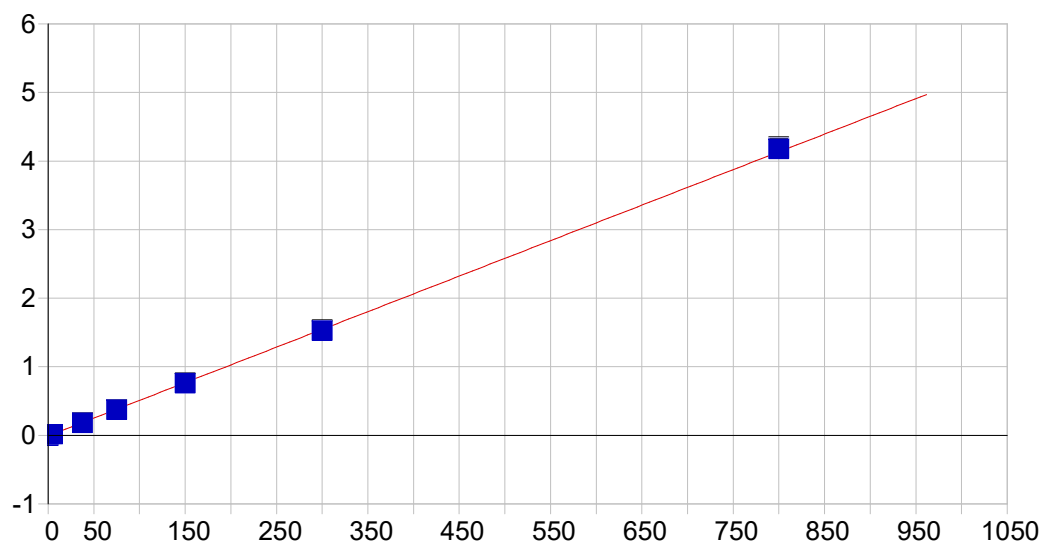


Ag 328.068 {103}

Date of Fit: 10/07/2019 12:47:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000767	Re-Slope:	1.000000
A1 (Gain):	0.401057	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999950	Status:	OK.
Std Error of Est:	0.000033		
Predicted MDL:	0.000449		
Predicted MQL:	0.001498		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00077	.000	1
S1	.01000	.00973	-.000	-2.72	.00310	.000	1
S2	.31250	.30398	-.009	-2.73	.12007	.001	1
S3	.62500	.61743	-.008	-1.21	.24471	.001	1
S4	1.2500	1.2486	-.001	-.113	.49570	.001	1
S5	2.5000	2.5178	.018	.711	1.0004	.006	1

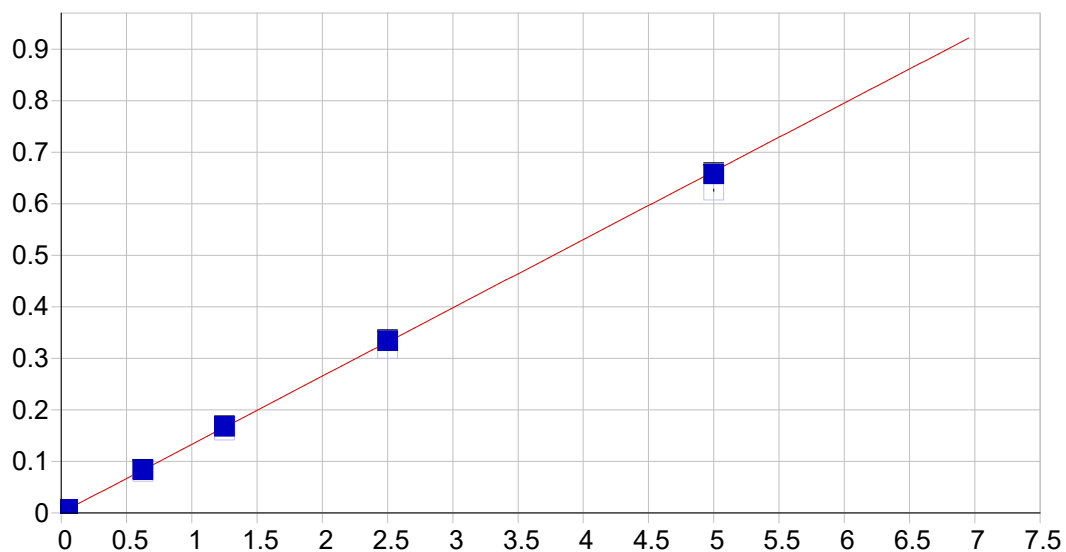


Na 818.326 { 41}

Date of Fit: 10/07/2019 12:47:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.008221	Re-Slope:	1.000000
A1 (Gain):	0.005178	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999916	Status:	OK.
Std Error of Est:	0.000209		
Predicted MDL:	0.298848		
Predicted MQL:	0.996161		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00016	.000	.000	-.00822	.001	1
S1	5.0000	5.1562	.156	3.12	.01848	.001	1
S2	37.500	36.550	-.950	-2.53	.18188	.001	1
S3	75.000	73.471	-1.53	-2.04	.37390	.002	1
S4	150.00	147.95	-2.05	-1.37	.76122	.003	1
S5	300.00	295.94	-4.06	-1.35	1.5309	.006	1
S6	800.00	808.44	8.44	1.05	4.1959	.013	1

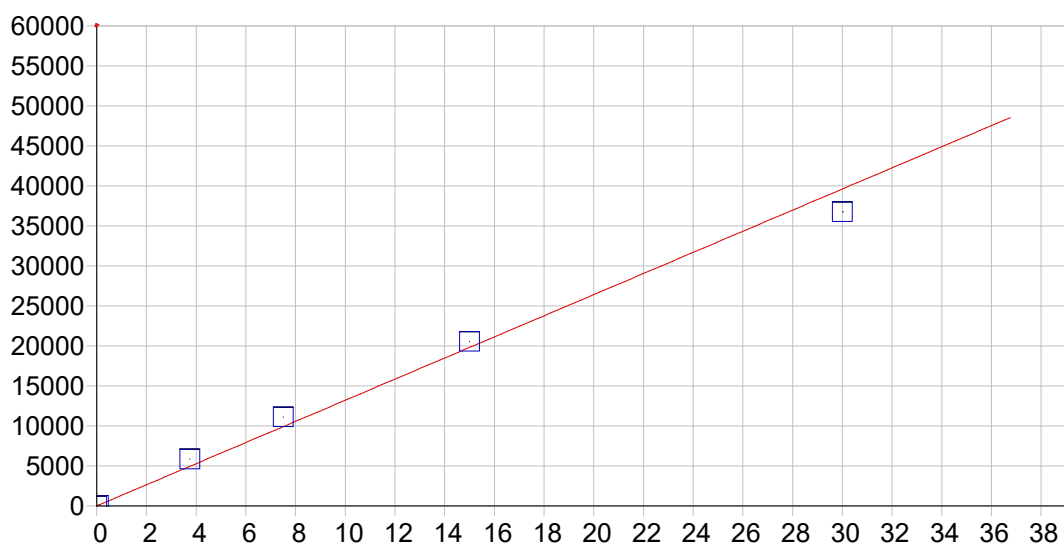


V 292.402 {115}

Date of Fit: 10/07/2019 12:47:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000480	Re-Slope:	1.000000
A1 (Gain):	0.132481	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999963	Status:	OK.
Std Error of Est:	0.000029		
Predicted MDL:	0.002825		
Predicted MQL:	0.009416		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00048	.000	1
S1	.05000	.04929	-.001	-1.43	.00700	.000	1
S2	.62500	.63006	.005	.810	.07998	.000	1
S3	1.2500	1.2634	.013	1.07	.15991	.001	1
S4	2.5000	2.5196	.020	.785	.31841	.002	1
S5	5.0000	4.9627	-.037	-.746	.62619	.002	1

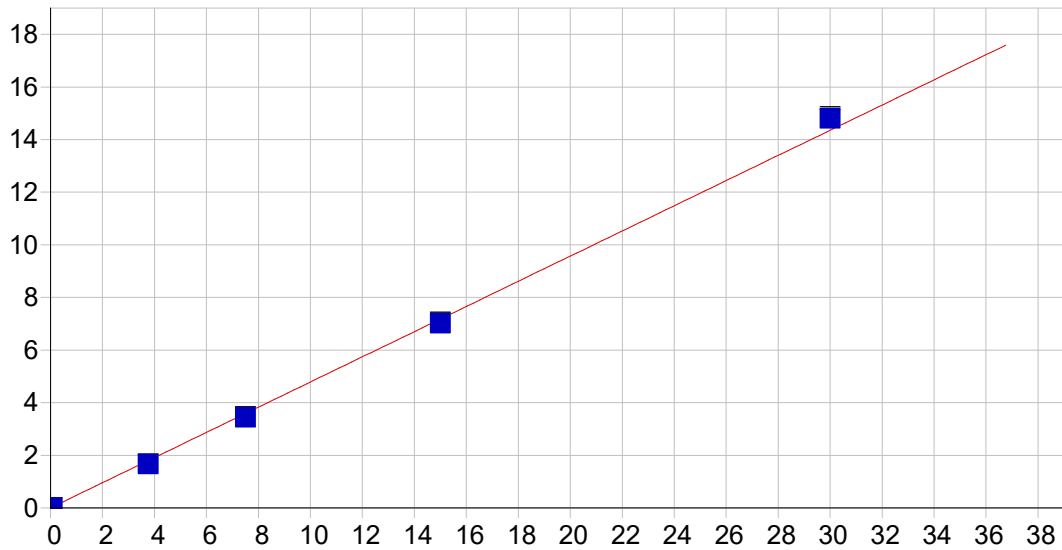


Zn 206.200 {464}

Date of Fit: 10/07/2019 12:47:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 2.353554 Re-Slope: 1.000000
 A1 (Gain): 1320.468118 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.996325 Status: OK.
 Std Error of Est: 8.076782
 Predicted MDL: 0.000402
 Predicted MQL: 0.001340

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	2.3093	.258	1
S1	.06000	.07743	.017	29.1	104.60	.365	1
S2	3.7500	4.4301	.680	18.1	5852.1	8.34	1
S3	7.5000	8.4094	.909	12.1	11107.	13.3	1
S4	15.000	15.560	.560	3.73	20549.	18.3	1
S5	30.000	27.833	-2.17	-7.22	36755.	.673	1

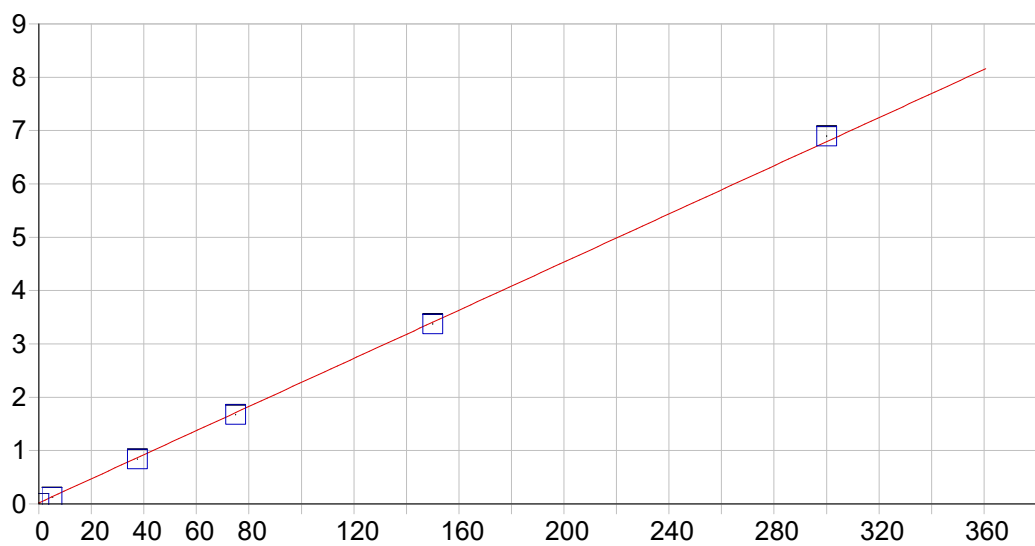


Zn 213.856 {158}

Date of Fit: 10/07/2019 12:47:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000628 Re-Slope: 1.000000
 A1 (Gain): 0.478502 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999374 Status: OK.
 Std Error of Est: 0.001208
 Predicted MDL: 0.001471
 Predicted MQL: 0.004904

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00063	.000	1
S1	.06000	.05674	-.003	-5.43	.02786	.001	1
S2	3.7500	3.4775	-.272	-7.27	1.6676	.004	1
S3	7.5000	7.1819	-.318	-4.24	3.4430	.024	1
S4	15.000	14.655	-.345	-2.30	7.0246	.046	1
S5	30.000	30.939	.939	3.13	14.829	.050	1

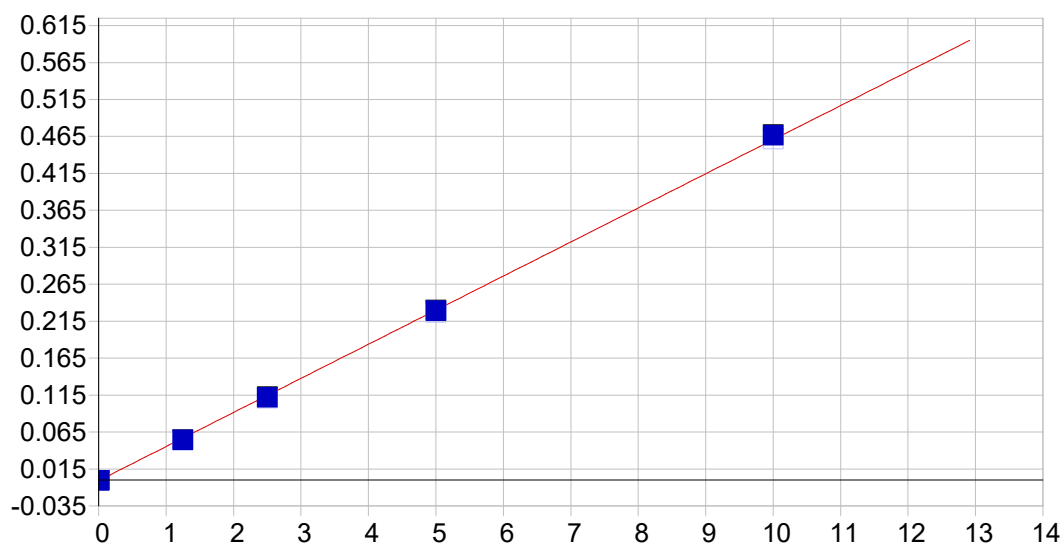


K 769.896 { 44}

Date of Fit: 10/07/2019 12:47:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.020039	Re-Slope:	1.000000
A1 (Gain):	0.022572	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999842	Status:	OK.
Std Error of Est:	0.000827		
Predicted MDL:	0.072284		
Predicted MQL:	0.240947		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00050	.001	.000	.02005	.000	1
S1	5.0000	4.7435	-.256	-5.13	.12711	.002	1
S2	37.500	36.299	-1.20	-3.20	.83939	.005	1
S3	75.000	73.257	-1.74	-2.32	1.6736	.004	1
S4	150.00	148.53	-1.47	-.977	3.3727	.009	1
S5	300.00	304.67	4.67	1.56	6.8969	.007	1

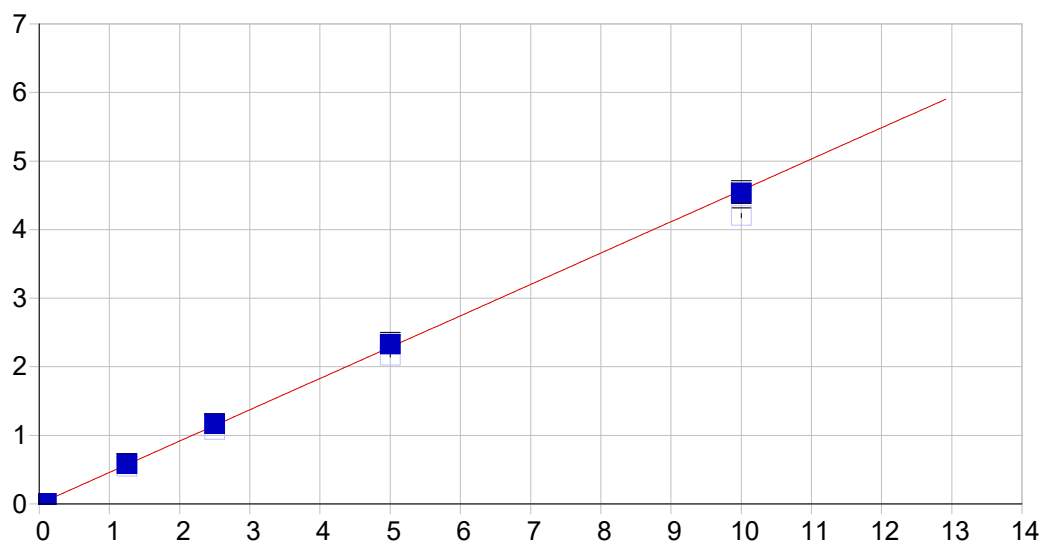


P 177.495 {490}

Date of Fit: 10/07/2019 12:47:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000845 Re-Slope: 1.000000
 A1 (Gain): 0.046147 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999842 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.002755
 Predicted MQL: 0.009183

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00084	.000	1
S1	.01000	.00872	-.001	-12.8	-.00044	.000	1
S2	1.2500	1.1931	-.057	-4.55	.05357	.000	1
S3	2.5000	2.4429	-.057	-2.28	.11060	.001	1
S4	5.0000	4.9849	-.015	-.302	.22661	.001	1
S5	10.000	10.130	.130	1.30	.46147	.001	1

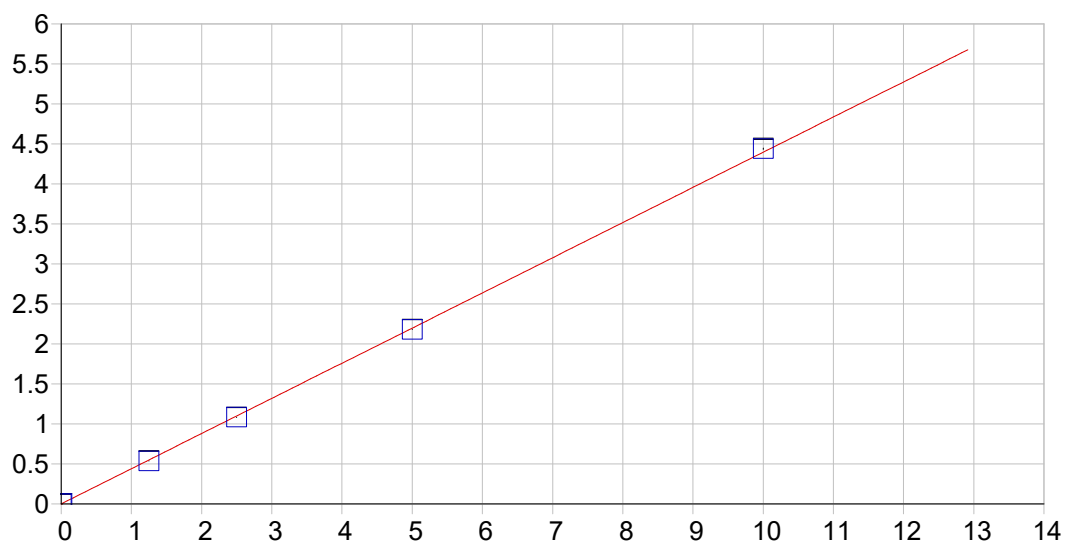


B 249.678 {135}

Date of Fit: 10/07/2019 12:47:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001481	Re-Slope:	1.000000
A1 (Gain):	0.457011	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997353	Status:	OK.
Std Error of Est:	0.001643		
Predicted MDL:	0.000959		
Predicted MQL:	0.003195		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	.00152	.001	1
S1	.10000	.00941	-.091	-90.6	.00569	.000	1
S2	1.2500	1.2782	.028	2.25	.54416	.002	1
S3	2.5000	2.5498	.050	1.99	1.0839	.005	1
S4	5.0000	5.0969	.097	1.94	2.1650	.025	1
S5	10.000	9.9226	-.077	-.774	4.2045	.032	1

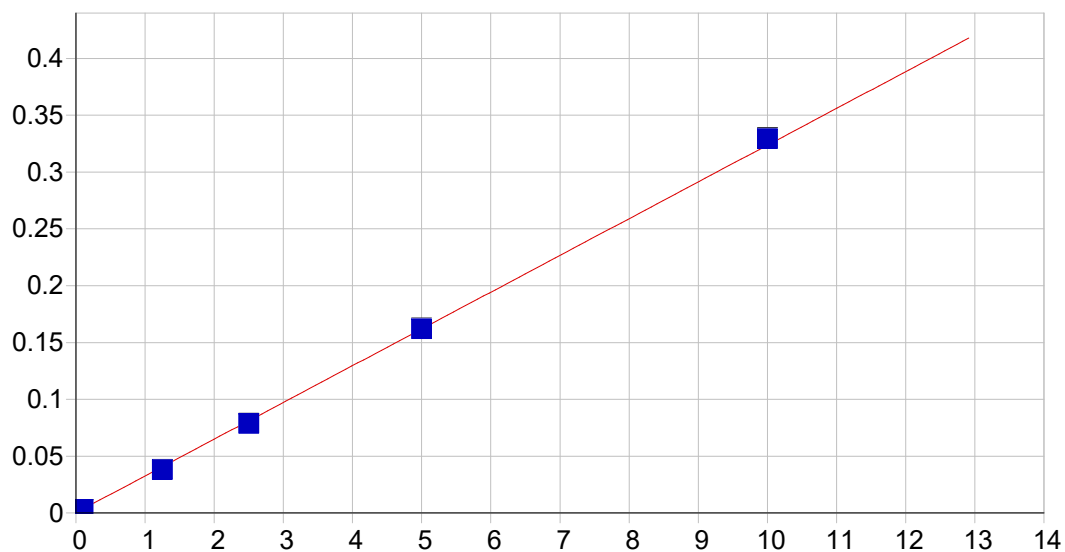


Mo 202.030 {467}

Date of Fit: 10/07/2019 12:47:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000120 Re-Slope: 1.000000
 A1 (Gain): 0.439565 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999934 Status: OK.
 Std Error of Est: 0.000085
 Predicted MDL: 0.000409
 Predicted MQL: 0.001362

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00012	.000	1
S1	.01000	.00972	-.000	-2.81	.00439	.000	1
S2	1.2500	1.2224	-.028	-2.20	.53746	.001	1
S3	2.5000	2.4635	-.037	-1.46	1.0830	.003	1
S4	5.0000	4.9624	-.038	-.751	2.1814	.003	1
S5	10.000	10.102	.102	1.02	4.4406	.007	1

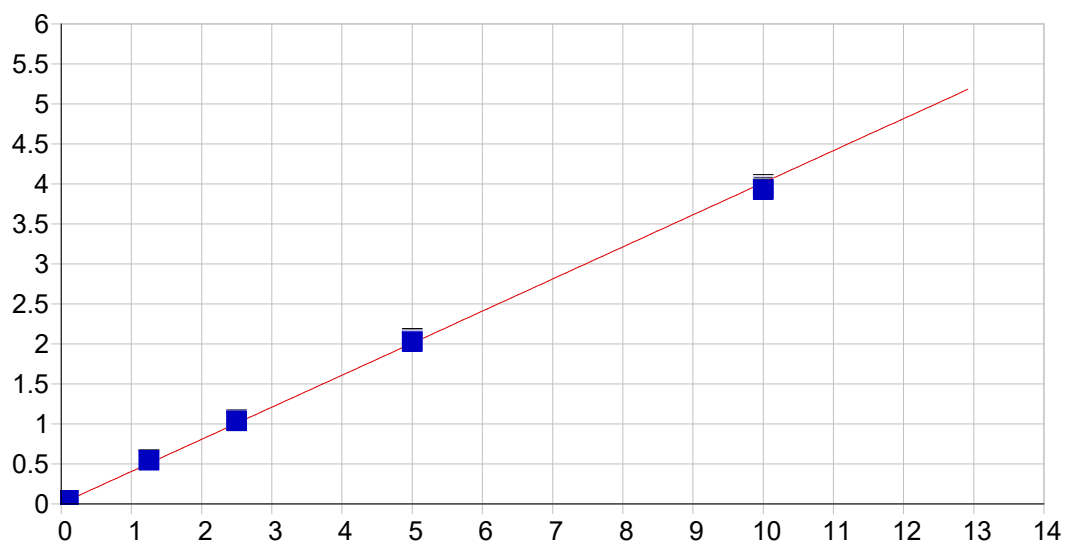


S 182.034 {485}

Date of Fit: 10/07/2019 12:47:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000218	Re-Slope:	1.000000
A1 (Gain):	0.032348	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999661	Status:	OK.
Std Error of Est:	0.000045		
Predicted MDL:	0.004313		
Predicted MQL:	0.014378		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00022	.000	1
S1	.10000	.08626	-.014	-13.7	.00301	.000	1
S2	1.2500	1.1662	-.084	-6.70	.03803	.000	1
S3	2.5000	2.4229	-.077	-3.08	.07876	.000	1
S4	5.0000	5.0031	.003	.062	.16240	.000	1
S5	10.000	10.171	.171	1.71	.32993	.001	1

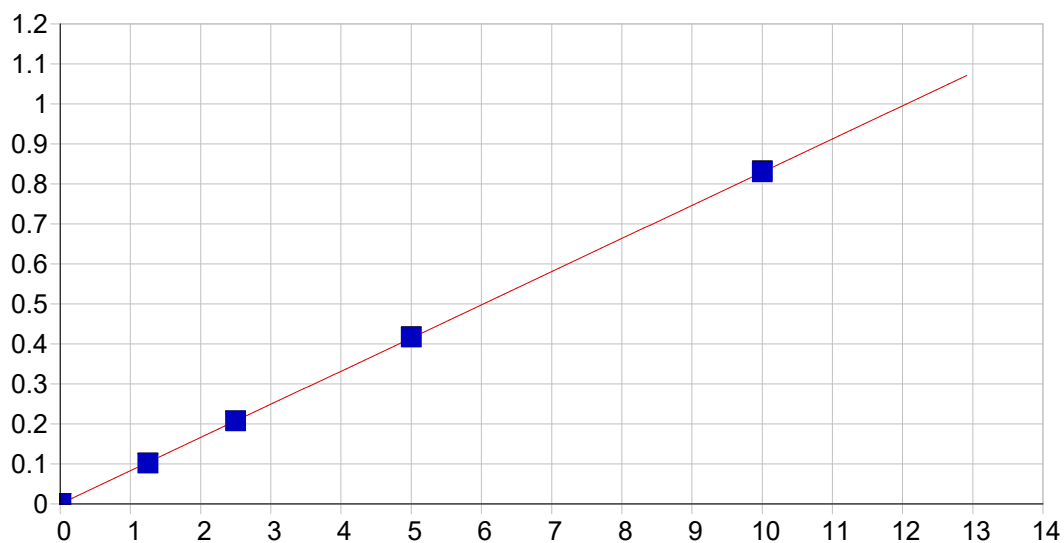


Si 251.611 {134}

Date of Fit: 10/07/2019 12:47:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004940 Re-Slope: 1.000000
 A1 (Gain): 0.400926 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999623 Status: OK.
 Std Error of Est: 0.000590
 Predicted MDL: 0.001116
 Predicted MQL: 0.003720

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00494	.000	1
S1	.10000	.09672	-.003	-3.28	.04386	.000	1
S2	1.2500	1.3453	.095	7.62	.54872	.003	1
S3	2.5000	2.5758	.076	3.03	1.0465	.005	1
S4	5.0000	5.0427	.043	.854	2.0444	.023	1
S5	10.000	9.7895	-.210	-2.10	3.9653	.028	1

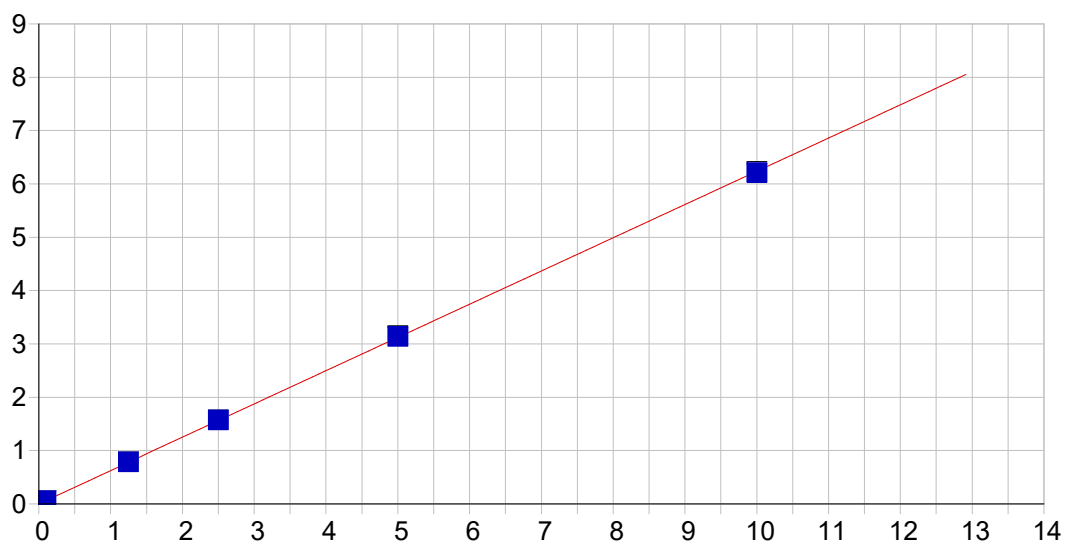


Sn 189.989 {478}

Date of Fit: 10/07/2019 12:47:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000185	Re-Slope:	1.000000
A1 (Gain):	0.082911	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999974	Status:	OK.
Std Error of Est:	0.000008		
Predicted MDL:	0.001450		
Predicted MQL:	0.004833		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00019	.000	1
S1	.00700	.00592	-.001	-15.5	.00066	.000	1
S2	1.2500	1.2218	-.028	-2.26	.10127	.001	1
S3	2.5000	2.4942	-.006	-.230	.20656	.000	1
S4	5.0000	5.0265	.027	.531	.41608	.000	1
S5	10.000	10.008	.008	.085	.82829	.003	1

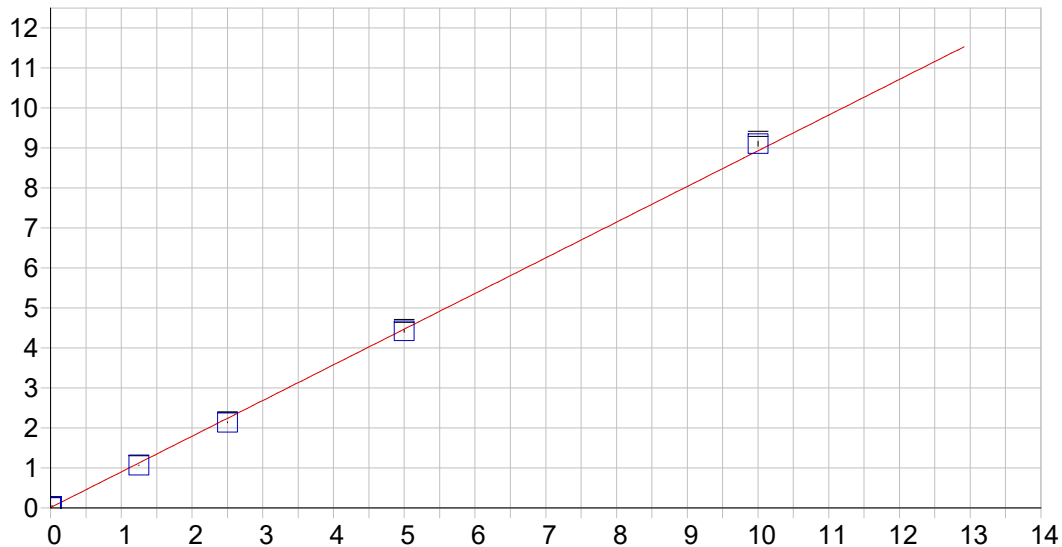


Ti 336.121 {100}

Date of Fit: 10/07/2019 12:47:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.002523	Re-Slope:	1.000000
A1 (Gain):	0.623413	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999981	Status:	OK.
Std Error of Est:	0.000202		
Predicted MDL:	0.001005		
Predicted MQL:	0.003349		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00253	.001	1
S1	.10000	.09498	-.005	-5.02	.06172	.000	1
S2	1.2500	1.2544	.004	.355	.78429	.004	1
S3	2.5000	2.5146	.015	.583	1.5696	.005	1
S4	5.0000	5.0287	.029	.574	3.1364	.012	1
S5	10.000	9.9573	-.043	-.427	6.2079	.020	1

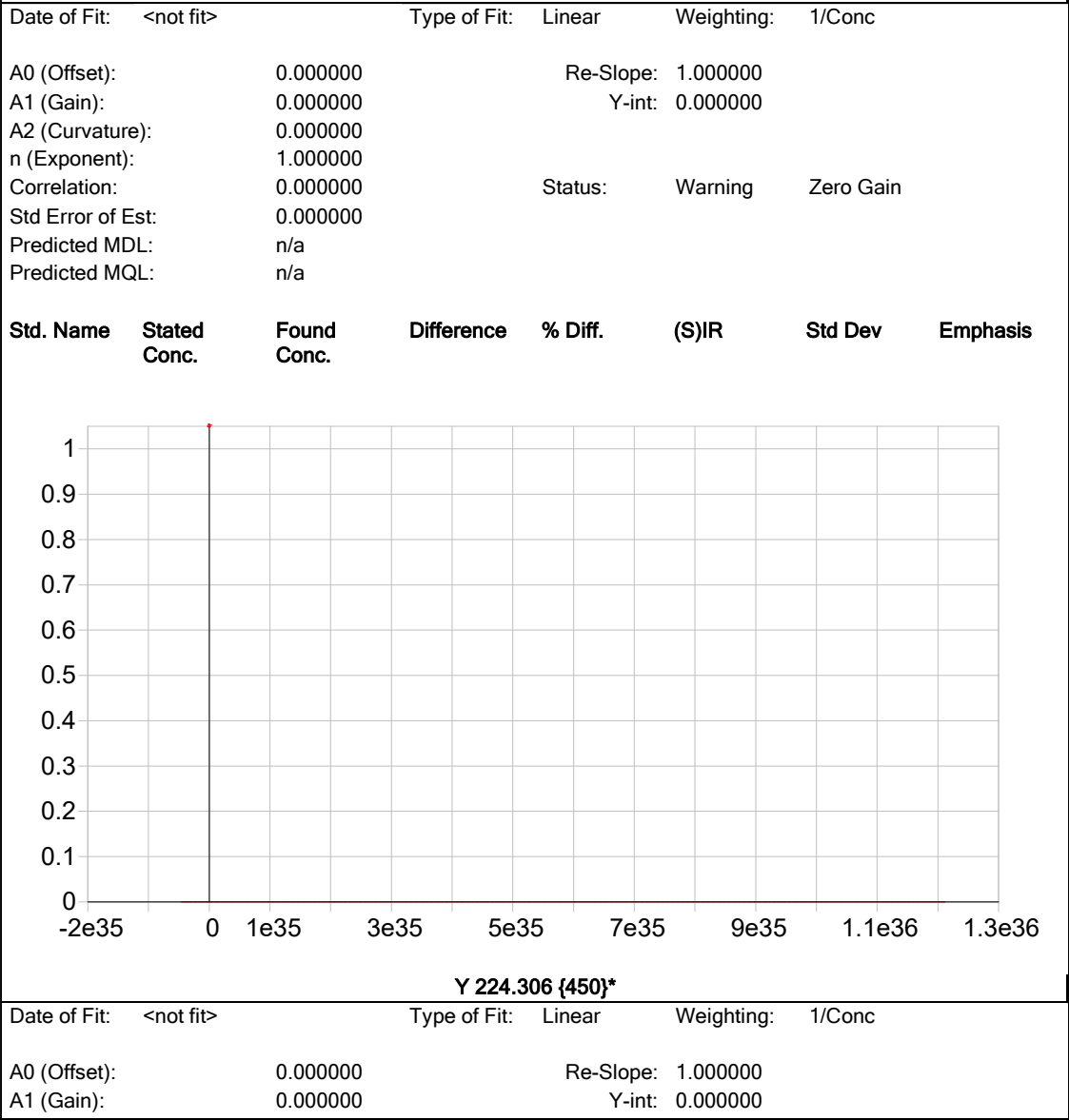
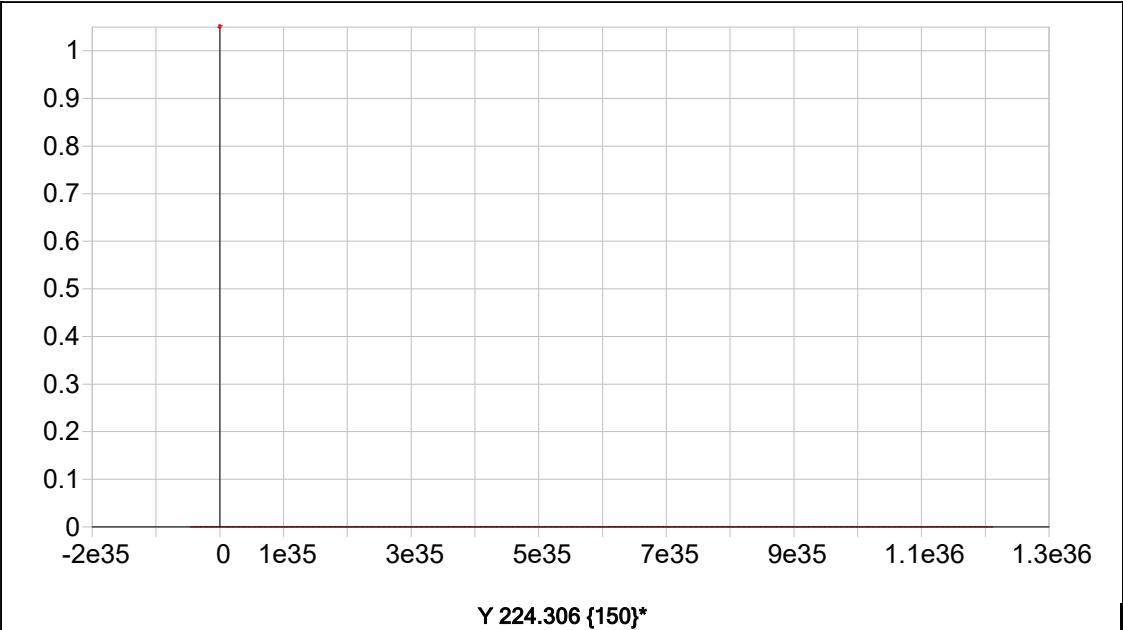


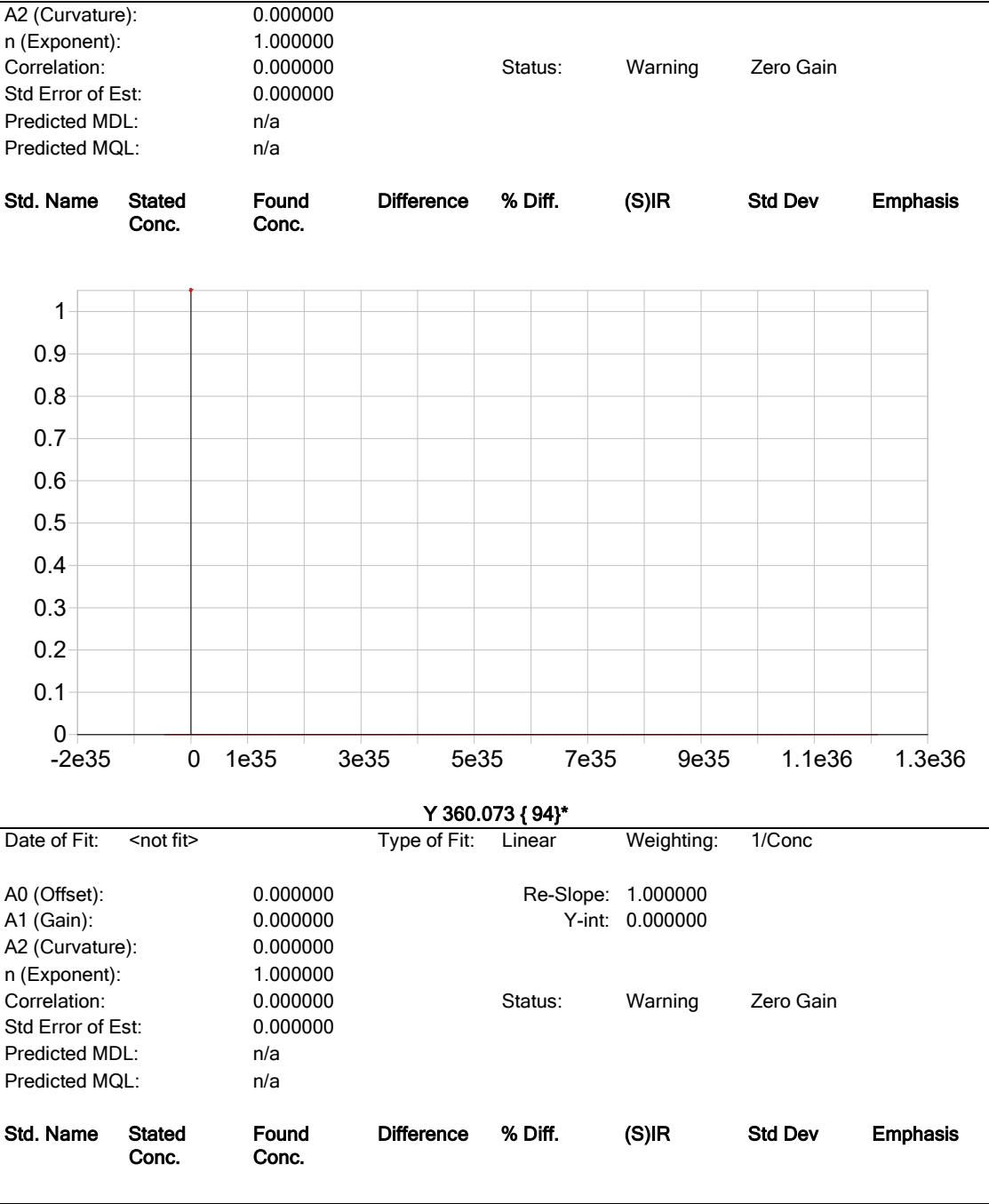
Li 670.784 { 50}

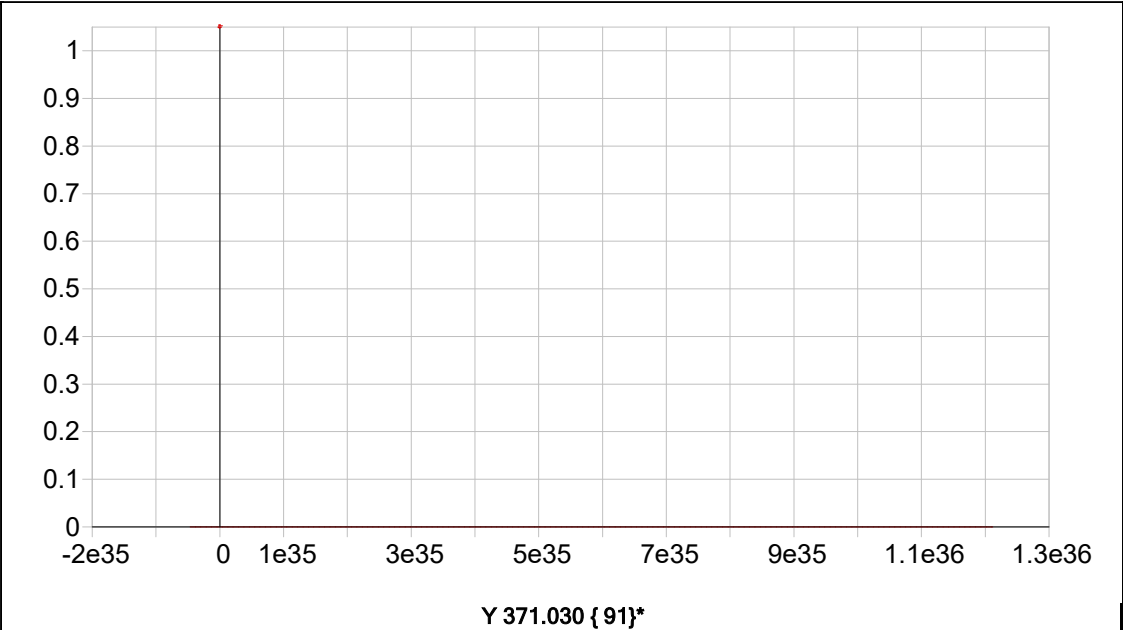
Date of Fit: 10/07/2019 12:47:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007970 Re-Slope: 1.000000
 A1 (Gain): 0.892374 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998109 Status: OK.
 Std Error of Est: 0.001129
 Predicted MDL: 0.001776
 Predicted MQL: 0.005919

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00794	.001	1
S5	10.000	10.196	.196	1.96	9.1063	.064	1
S4	5.0000	4.9537	-.046	-.926	4.4285	.037	1
S3	2.5000	2.3863	-.114	-4.55	2.1375	.012	1
S2	1.2500	1.1847	-.065	-5.22	1.0652	.009	1
S1	.01500	.04457	.030	197.	.04774	.001	1



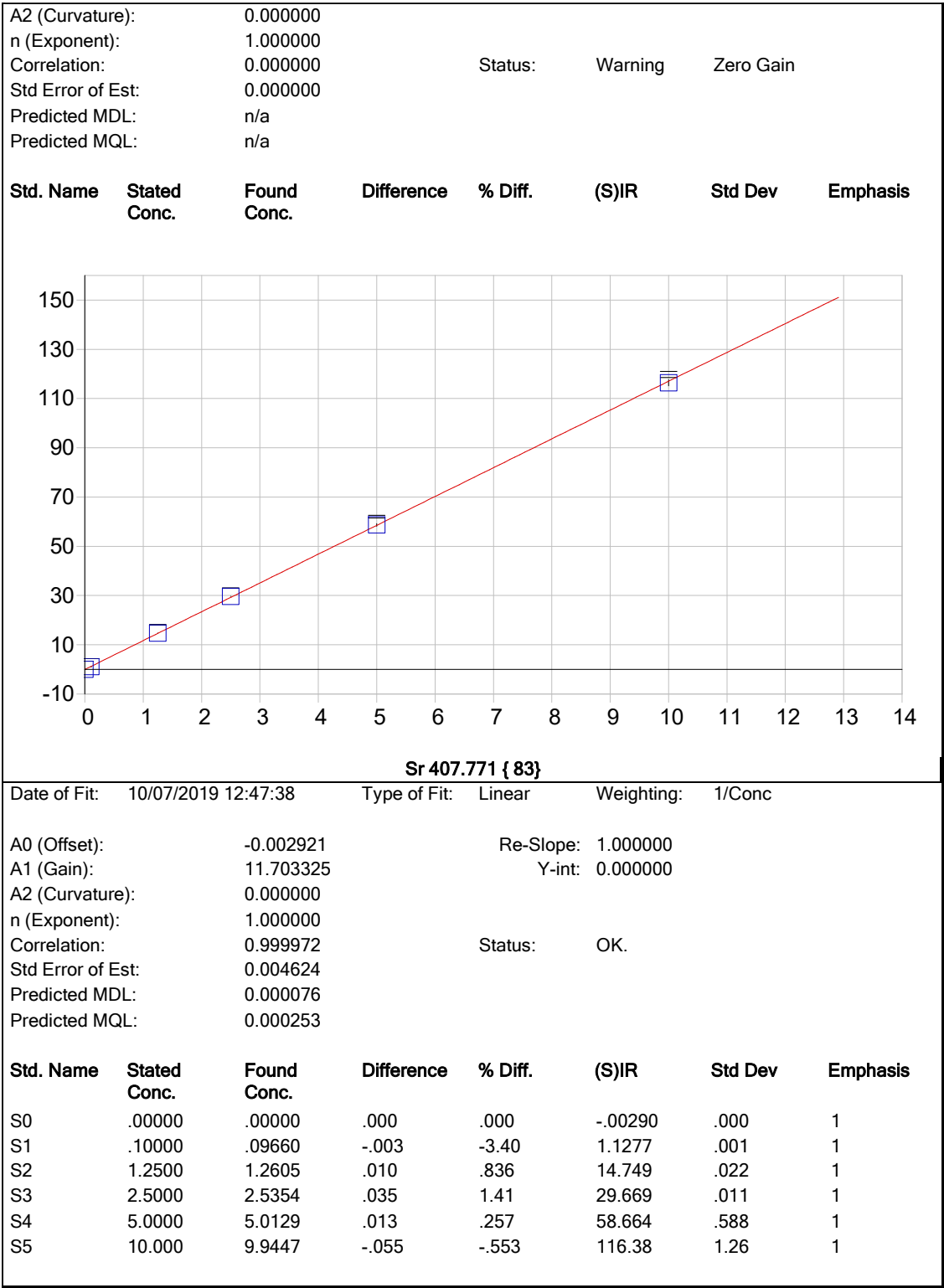




Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000		
A1 (Gain):	0.000000		Y-int:	0.000000		
A2 (Curvature):	0.000000					
n (Exponent):	1.000000					
Correlation:	0.000000		Status:	Warning	Zero Gain	
Std Error of Est:	0.000000					
Predicted MDL:	n/a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

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

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



Sample Name: S0 Acquired: 10/07/2019 11:33:51 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) 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	-.00007	-.00048	.00051	.00053	.00024	.00559	.00659	-.00106
Stddev	.00005	.00010	.00038	.00008	.00016	.00053	.00060	.00021
%RSD	63.686	20.749	73.715	14.524	66.289	9.4781	9.1647	19.778
#1	-.00003	-.00045	.00008	.00056	.00020	.00582	.00655	-.00130
#2	-.00012	-.00039	.00070	.00058	.00011	.00598	.00600	-.00097
#3	-.00007	-.00059	.00077	.00044	.00042	.00499	.00721	-.00091
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	.00014	.00093	-.00000	.00039	.00285	-.00001	.00066	-.00007
Stddev	.00018	.00043	.00001	.00005	.00012	.00011	.00008	.00038
%RSD	122.59	45.635	1394.0	12.417	4.0486	1543.5	12.061	518.98
#1	-.00004	.00058	-.00001	.00044	.00289	.00006	.00057	.00033
#2	.00016	.00082	.00001	.00039	.00272	-.00013	.00072	-.00011
#3	.00031	.00140	-.00000	.00034	.00294	.00005	.00069	-.00044
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	-.00129	-.00077	-.00822	.00048	.00063	.02005	-.00084	.00152
Stddev	.00041	.00009	.00115	.00021	.00018	.00031	.00005	.00061
%RSD	31.373	11.566	13.953	43.964	28.930	1.5377	5.8279	40.360
#1	-.00165	-.00082	-.00940	.00041	.00051	.02037	-.00088	.00113
#2	-.00085	-.00082	-.00815	.00072	.00084	.02002	-.00079	.00223
#3	-.00137	-.00066	-.00711	.00031	.00054	.01976	-.00087	.00121
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	.00012	.00022	.00494	.00019	.00253	.00794	-.00290	
Stddev	.00003	.00007	.00037	.00005	.00066	.00103	.00020	
%RSD	20.870	32.277	7.5288	27.237	26.217	12.992	6.7603	
#1	.00014	.00020	.00532	.00024	.00212	.00729	-.00301	
#2	.00009	.00016	.00458	.00017	.00329	.00913	-.00268	
#3	.00013	.00030	.00491	.00014	.00217	.00741	-.00303	

Sample Name: S0 Acquired: 10/07/2019 11:33:51 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) 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	1654.8	3039.6	38943.	7488.0	3116.0
Stddev	4.3	3.1	156.	68.9	5.0
%RSD	.25698	.10165	.40088	.92014	.16135
#1	1650.1	3036.1	38996.	7523.0	3120.8
#2	1656.0	3041.5	39066.	7408.6	3110.8
#3	1658.3	3041.3	38767.	7532.2	3116.4

Sample Name: S1 Acquired: 10/07/2019 11:37:59 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) 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	.00031	.00104	.00252	.00220	.00701	.02354	.74136	.02031
Stddev	.00008	.00021	.00020	.00008	.00007	.00025	.00324	.00028
%RSD	24.803	20.051	7.8390	3.4583	.97872	1.0546	.43656	1.3540
#1	.00026	.00083	.00253	.00212	.00696	.02327	.74127	.02059
#2	.00026	.00105	.00231	.00221	.00698	.02359	.74464	.02004
#3	.00040	.00125	.00271	.00227	.00709	.02375	.73817	.02031
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	.01697	.38798	.00168	.04273	.00934	.00371	.01400	.06276
Stddev	.00027	.00031	.00005	.00011	.00072	.00014	.00009	.00028
%RSD	1.5819	.07907	3.2247	.26560	7.7651	3.7798	.64882	.45348
#1	.01677	.38803	.00174	.04262	.01017	.00358	.01396	.06309
#2	.01687	.38826	.00164	.04272	.00891	.00386	.01410	.06264
#3	.01728	.38765	.00165	.04285	.00892	.00369	.01393	.06256
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	.02351	.00310	.01848	.00700	.02786	.12711	-.00044	.00569
Stddev	.00033	.00015	.00085	.00010	.00095	.00181	.00019	.00025
%RSD	1.4185	4.8999	4.6177	1.4753	3.4255	1.4242	42.659	4.3324
#1	.02343	.00302	.01900	.00690	.02720	.12540	-.00033	.00566
#2	.02322	.00328	.01894	.00710	.02743	.12901	-.00066	.00546
#3	.02387	.00301	.01749	.00699	.02896	.12692	-.00034	.00595
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	.00439	.00301	.04386	.00066	.06172	.04774	1.1277	
Stddev	.00024	.00005	.00040	.00001	.00009	.00096	.0013	
%RSD	5.5017	1.7446	.90756	1.8039	.15334	2.0097	.11464	
#1	.00412	.00303	.04372	.00066	.06163	.04875	1.1288	
#2	.00458	.00295	.04431	.00065	.06171	.04685	1.1263	
#3	.00448	.00304	.04355	.00067	.06182	.04762	1.1280	

Sample Name: S1 Acquired: 10/07/2019 11:37:59 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) 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	1665.2	3041.7	39098.	7482.2	3142.4
Stddev	12.5	3.6	235.	31.9	1.8
%RSD	.74824	.11750	.60222	.42571	.05736
#1	1679.2	3039.0	39324.	7478.2	3140.3
#2	1661.4	3045.8	38854.	7452.5	3143.1
#3	1655.2	3040.4	39114.	7515.8	3143.7

Sample Name: S2 Acquired: 10/07/2019 11:42:06 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) 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	.03941	.07775	1.3522	.06217	.14789	3.3462	9.3199	.55080
Stddev	.00017	.00018	.0041	.00010	.00048	.0118	.0722	.00331
%RSD	.42919	.23318	.30014	.16814	.32470	.35336	.77520	.60175

#1	.03957	.07766	1.3481	.06215	.14786	3.3455	9.3334	.55222
#2	.03923	.07763	1.3562	.06208	.14742	3.3583	9.3844	.55317
#3	.03944	.07796	1.3522	.06228	.14838	3.3347	9.2418	.54701

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.1490	4.8172	.61505	.54729	.86217	1.3587	3.2921	.78419
Stddev	.0034	.0279	.00059	.00119	.00153	.0075	.0156	.00214
%RSD	.15867	.57849	.09564	.21713	.17692	.55500	.47230	.27343

#1	2.1461	4.8211	.61571	.54593	.86070	1.3543	3.2820	.78340
#2	2.1527	4.8429	.61484	.54786	.86375	1.3674	3.3100	.78661
#3	2.1481	4.7876	.61459	.54809	.86207	1.3544	3.2843	.78255

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	.38166	.12007	.18188	.07998	1.6676	.83939	.05357	.54416
Stddev	.00039	.00062	.00090	.00046	.0041	.00473	.00014	.00164
%RSD	.10330	.51363	.49444	.57273	.24604	.56339	.25281	.30074

#1	.38185	.11963	.18110	.08003	1.6646	.84456	.05344	.54383
#2	.38121	.11982	.18286	.08041	1.6722	.83528	.05356	.54594
#3	.38193	.12078	.18167	.07950	1.6658	.83832	.05371	.54271

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	.53746	.03803	.54872	.10127	.78429	1.0652	14.749
Stddev	.00133	.00041	.00258	.00055	.00358	.0093	.022
%RSD	.24766	1.0695	.47101	.54385	.45678	.87484	.15009

#1	.53634	.03758	.54921	.10065	.78367	1.0661	14.761
#2	.53711	.03814	.55102	.10144	.78814	1.0740	14.761
#3	.53893	.03837	.54593	.10171	.78106	1.0555	14.723

Sample Name: S2 Acquired: 10/07/2019 11:42:06 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) 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	1605.9	2936.9	38149.	7335.9	2920.5
Stddev	3.0	3.0	164.	23.9	3.7
%RSD	.18578	.10366	.43053	.32616	.12648
#1	1602.7	2939.3	38139.	7312.4	2923.9
#2	1606.5	2938.0	38317.	7335.1	2916.6
#3	1608.6	2933.5	37989.	7360.2	2920.8

Sample Name: S3 Acquired: 10/07/2019 11:45:58 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) 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	.08001	.15563	2.7320	.12430	.29669	6.7471	18.676	1.0825
Stddev	.00018	.00059	.0050	.00049	.00018	.0214	.090	.0047
%RSD	.22982	.37837	.18236	.39737	.06083	.31779	.48285	.43804

#1	.07985	.15506	2.7277	.12381	.29650	6.7276	18.616	1.0844
#2	.08021	.15559	2.7309	.12480	.29670	6.7700	18.780	1.0771
#3	.07997	.15623	2.7374	.12430	.29687	6.7437	18.632	1.0860

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.3149	9.6107	1.2155	1.1055	1.7162	2.6934	6.5187	1.5704
Stddev	.0050	.0237	.0037	.0010	.0044	.0113	.0250	.0056
%RSD	.11503	.24667	.30811	.09091	.25609	.41762	.38392	.35345

#1	4.3097	9.5937	1.2113	1.1047	1.7139	2.6867	6.5116	1.5681
#2	4.3154	9.6378	1.2164	1.1051	1.7213	2.7064	6.5465	1.5767
#3	4.3195	9.6007	1.2187	1.1066	1.7135	2.6871	6.4980	1.5663

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	.76555	.24471	.37390	.15991	3.4430	1.6736	.11060	1.0839
Stddev	.00258	.00068	.00169	.00098	.0237	.0037	.00063	.0054
%RSD	.33729	.27638	.45222	.61213	.68686	.22355	.56841	.50176

#1	.76320	.24395	.37199	.15903	3.4273	1.6741	.11016	1.0865
#2	.76515	.24495	.37448	.16097	3.4702	1.6771	.11031	1.0776
#3	.76831	.24523	.37522	.15975	3.4316	1.6696	.11132	1.0875

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	1.0830	.07876	1.0465	.20656	1.5696	2.1375	29.669	
Stddev	.0025	.00025	.0052	.00043	.0046	.0118	.011	
%RSD	.23469	.31245	.49166	.20864	.29336	.54992	.03620	

#1	1.0817	.07848	1.0485	.20609	1.5644	2.1285	29.682	
#2	1.0813	.07888	1.0407	.20663	1.5731	2.1508	29.665	
#3	1.0859	.07893	1.0504	.20695	1.5714	2.1331	29.661	

Sample Name: S3 Acquired: 10/07/2019 11:45:58 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) 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	1541.1	2832.1	37185.	7315.9	2780.4
Stddev	11.0	2.9	238.	38.2	3.1
%RSD	.71567	.10389	.64013	.52174	.11294
#1	1537.5	2835.0	37254.	7278.0	2782.5
#2	1532.4	2832.3	36921.	7315.4	2781.9
#3	1553.5	2829.1	37381.	7354.3	2776.8

Sample Name: S4 Acquired: 10/07/2019 11:49:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) 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	.16256	.30588	5.5058	.24283	.59634	13.715	37.765	2.1393
Stddev	.00056	.00121	.0067	.00056	.00136	.041	.237	.0248
%RSD	.34623	.39467	.12251	.22883	.22781	.29951	.62645	1.1576

#1	.16266	.30722	5.5019	.24285	.59591	13.685	37.762	2.1279
#2	.16196	.30554	5.5019	.24226	.59525	13.761	38.003	2.1677
#3	.16307	.30488	5.5136	.24337	.59787	13.698	37.530	2.1222

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	8.5518	19.373	2.3837	2.2160	3.3947	5.3277	12.958	3.1675
Stddev	.0129	.113	.0031	.0031	.0058	.0229	.074	.0141
%RSD	.15107	.58329	.13009	.14090	.17056	.43030	.57142	.44486

#1	8.5417	19.362	2.3801	2.2147	3.3884	5.3218	12.949	3.1624
#2	8.5474	19.491	2.3857	2.2138	3.3998	5.3530	13.036	3.1834
#3	8.5664	19.266	2.3853	2.2196	3.3959	5.3083	12.889	3.1567

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	1.5227	.49570	.76122	.31841	7.0246	3.3727	.22661	2.1650
Stddev	.0041	.00143	.00297	.00156	.0464	.0088	.00089	.0249
%RSD	.26964	.28804	.38979	.48929	.66052	.26000	.39308	1.1481

#1	1.5231	.49541	.76181	.31823	7.0178	3.3767	.22673	2.1524
#2	1.5184	.49725	.76385	.32004	6.9820	3.3788	.22566	2.1936
#3	1.5266	.49444	.75800	.31694	7.0740	3.3627	.22743	2.1489

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	2.1814	.16240	2.0444	.41608	3.1364	4.4285	58.664
Stddev	.0034	.00029	.0232	.00048	.0118	.0373	.588
%RSD	.15740	.17718	1.1325	.11592	.37482	.84217	1.0022

#1	2.1780	.16213	2.0340	.41623	3.1313	4.4281	58.755
#2	2.1815	.16237	2.0710	.41555	3.1499	4.4660	59.202
#3	2.1848	.16270	2.0284	.41648	3.1281	4.3915	58.036

Sample Name: S4 Acquired: 10/07/2019 11:49:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) 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	1440.5	2680.5	35987.	7134.0	2613.7
Stddev	3.1	3.0	80.	64.4	1.5
%RSD	.21384	.11030	.22237	.90227	.05891
#1	1438.5	2683.1	35897.	7133.2	2615.5
#2	1444.0	2677.3	36049.	7070.1	2612.7
#3	1438.9	2681.0	36016.	7198.8	2613.0

Sample Name: S6 Acquired: 10/07/2019 11:57:48 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) 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	72.042	59.698	27.446	10.244	4.1959
Stddev	.369	.366	.060	.026	.0130
%RSD	.51195	.61306	.21964	.25315	.30951

#1	72.400	59.526	27.377	10.218	4.1939
#2	71.663	60.118	27.489	10.270	4.2097
#3	72.063	59.449	27.471	10.244	4.1840

Int. Std.	Y_3710
Units	Cts/S
Avg	6855.2
Stddev	39.3
%RSD	.57385

#1	6832.0
#2	6833.0
#3	6900.7

Sample Name: S5 Acquired: 10/07/2019 11:53:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) 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	.33359	.59132	10.924	.47599	1.2335	27.708	75.356	4.1967
Stddev	.00042	.00139	.038	.00078	.0020	.083	.426	.0292
%RSD	.12514	.23465	.34787	.16376	.16025	.29952	.56553	.69534

#1	.33388	.59292	10.953	.47546	1.2312	27.614	74.956	4.1718
#2	.33311	.59045	10.881	.47562	1.2346	27.739	75.804	4.1896
#3	.33377	.59060	10.937	.47689	1.2346	27.772	75.308	4.2288

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	16.673	38.222	4.6312	4.3779	6.7850	10.434	25.444	6.3462
Stddev	.052	.177	.0074	.0123	.0088	.032	.096	.0239
%RSD	.31323	.46421	.16067	.28181	.12982	.30972	.37651	.37710

#1	16.698	38.026	4.6324	4.3874	6.7760	10.400	25.334	6.3187
#2	16.613	38.268	4.6379	4.3640	6.7855	10.464	25.501	6.3584
#3	16.709	38.371	4.6232	4.3824	6.7936	10.436	25.498	6.3617

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.0086	1.0004	1.5309	.62619	14.829	6.8969	.46147	4.2045
Stddev	.0050	.0064	.0061	.00215	.050	.0074	.00089	.0319
%RSD	.16697	.63733	.40064	.34332	.33936	.10705	.19231	.75821

#1	3.0134	1.0022	1.5243	.62377	14.880	6.8884	.46249	4.1774
#2	3.0034	1.0057	1.5321	.62692	14.827	6.9007	.46097	4.1966
#3	3.0089	.99335	1.5364	.62788	14.779	6.9017	.46094	4.2396

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	4.4406	.32993	3.9653	.82829	6.2079	9.1063	116.38
Stddev	.0073	.00062	.0276	.00279	.0197	.0641	1.26
%RSD	.16319	.18734	.69479	.33665	.31676	.70365	1.0866

#1	4.4330	.32938	3.9369	.83138	6.1863	9.0364	115.22
#2	4.4412	.32980	3.9669	.82597	6.2127	9.1204	116.19
#3	4.4475	.33060	3.9920	.82750	6.2247	9.1622	117.73

Sample Name: S5 Acquired: 10/07/2019 11:53:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) 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	1293.2	2459.1	34444.	6914.5	2424.6
Stddev	5.1	1.7	299.	13.4	6.3
%RSD	.39519	.06717	.86798	.19397	.26019
#1	1287.5	2459.4	34272.	6930.0	2419.0
#2	1294.4	2460.6	34270.	6907.1	2431.5
#3	1297.5	2457.3	34789.	6906.4	2423.4

Sample Name: ICV Acquired: 10/07/2019 12:02:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) 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	.9608847	1.050834	.9746221	1.032908	.9989032	2.420855
Stddev	.0035261	.003586	.0044466	.003553	.0047426	.008154
%RSD	.3669622	.3412924	.4562357	.3439821	.4747782	.3368085

#1	.9633988	1.050250	.9695062	1.029176	1.002645	2.420621
#2	.9568540	1.054676	.9768015	1.033301	.993570	2.412821
#3	.9624011	1.047575	.9775585	1.036249	1.000495	2.429123

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5021667	.4872754	.4970487	10.38328	.5294413	.4921819
Stddev	.0035208	.0049763	.0014087	.10212	.0029646	.0011029
%RSD	.7011318	1.021250	.2834172	.9835227	.5599526	.2240877

#1	.4983723	.4850814	.4956728	10.28343	.5260366	.4909160
#2	.5027996	.4837732	.4984881	10.37886	.5314519	.4926941
#3	.5053281	.4929717	.4969854	10.48753	.5308355	.4929356

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4784741	5.389998	.5029769	6.065525	.5138274	.4843547
Stddev	.0012186	.036024	.0063078	.048060	.0019500	.0042786
%RSD	.2546752	.6683534	1.254094	.7923516	.3794965	.8833524

#1	.4770670	5.359662	.4968438	6.010032	.5117900	.4794147
#2	.4791813	5.380517	.5026409	6.093770	.5140158	.4868843
#3	.4791739	5.429814	.5094460	6.092771	.5156763	.4867651

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.946031	.5116856	.9469895	9.592101	F .0015329	F .0251950
Stddev	.360196	.0044420	.0066887	.109451	.0020567	.0006995
%RSD	3.621505	.8681057	.7063062	1.141052	134.1701	2.776382

#1	10.27766	.5070214	.9442344	9.659400	-.000839	.0248207
#2	9.99760	.5121697	.9546157	9.465809	.002621	.0247622
#3	9.56283	.5158656	.9421185	9.651095	.002817	.0260020

Sample Name: ICV Acquired: 10/07/2019 12:02:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0137013	F .0081436	F .0173663	F .0142571	F .0143235	F .0070394
Stddev	.0000456	.0032710	.0011259	.0005935	.0008788	.0014298
%RSD	.3331506	40.16676	6.483461	4.162876	6.135432	20.31142
#1	.0136488	.0119190	.0176723	.0140587	.0136028	.0058708
#2	.0137318	.0063531	.0161190	.0137883	.0153025	.0086337
#3	.0137232	.0061587	.0183076	.0149244	.0140653	.0066137

Elem	Sr4077
Units	ppm
Avg	F .0114144
Stddev	.0000625
%RSD	.5474269
#1	.0113426
#2	.0114441
#3	.0114565

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1627.853	2998.010	38218.02	7403.582	3086.360
Stddev	10.725	1.230	364.20	36.956	3.198
%RSD	.6588706	.0410133	.9529515	.4991626	.1036238
#1	1628.072	2996.599	38517.89	7430.154	3089.492
#2	1617.020	2998.582	37812.74	7419.214	3083.099
#3	1638.467	2998.849	38323.44	7361.379	3086.488

Sample Name: ICB Acquired: 10/07/2019 12:06:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) 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	.0025870	.0008565	-.000687	-.000229	.0005523	.0073417	.0000652
Stddev	.0020764	.0015757	.001554	.002339	.0009763	.0065619	.0003507
%RSD	80.26326	183.9561	226.2428	1021.712	176.7646	89.37841	537.9411

#1	.0005322	.0002543	-.002198	-.000669	.0002465	.0144518	.0004269
#2	.0046844	.0026445	.000906	.002299	-.000234	.0060545	-.000273
#3	.0025444	-.000329	-.000768	-.002317	.001645	.0015188	.000042

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001181	-.000021	.0067203	-.000110	-.000231	.0019344	.0173607
Stddev	.0000885	.000062	.0104975	.000391	.000108	.0009005	.0035873
%RSD	74.96760	287.0795	156.2065	355.1238	46.70836	46.55095	20.66353

#1	.0001519	.000026	.0185170	-.000019	-.000125	.0029317	.0209900
#2	.0000176	.000001	.0032354	.000227	-.000340	.0011808	.0138169
#3	.0001846	-.000091	-.001592	-.000539	-.000226	.0016908	.0172751

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003052	.0069297	-.000096	.0000446	.1094191	-.002692	-.000213
Stddev	.0003468	.0116333	.000501	.0004107	.5472067	.002708	.000265
%RSD	113.6170	167.8764	520.6745	921.6520	500.1018	100.5859	124.6796

#1	.0007032	-.000471	.000451	-.000245	-.305138	-.004194	.000091
#2	.0000678	.020338	-.000206	-.000136	-.096269	-.004315	-.000399
#3	.0001447	.000922	-.000534	.000515	.729665	.000434	-.000330

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0799865	-.001562	.0072860	.0001256	-.001664	-.000965	.0009817
Stddev	.0328701	.003237	.0005605	.0000892	.001423	.000528	.0003452
%RSD	41.09452	207.2463	7.692475	70.99500	85.54762	54.69177	35.15795

#1	.0827895	-.004094	.0069847	.0000909	-.000734	-.001455	.0013193
#2	.0458047	-.002677	.0079326	.0000590	-.000955	-.000406	.0009965
#3	.1113654	.002085	.0069405	.0002270	-.003303	-.001034	.0006294

Sample Name: ICB Acquired: 10/07/2019 12:06:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) 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	.0010585	.0044575	.0000804
Stddev	.0005512	.0016790	.0000779
%RSD	52.07319	37.66590	96.96826

#1	.0007898	.0040237	-.000002
#2	.0016925	.0063108	.000091
#3	.0006932	.0030380	.000152

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1642.687	3016.031	38299.04	7330.547	3101.256
Stddev	9.477	4.557	229.46	16.942	7.202
%RSD	.5769367	.1510979	.5991150	.2311085	.2322379

#1	1632.006	3018.143	38127.39	7330.978	3107.831
#2	1650.089	3019.149	38559.66	7313.394	3102.378
#3	1645.966	3010.801	38210.07	7347.269	3093.558

Sample Name: ICSA Acquired: 10/07/2019 12:10:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) 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	.0083998	-.003056	-.001454	.0048962	.0000575	241.9435
Stddev	.0030793	.004557	.001268	.0043116	.0011235	.4936
%RSD	36.65974	149.1473	87.21280	88.06064	1954.592	.2040286

#1	.0084544	-.000462	-.002544	.0035294	.0008680	241.4631
#2	.0114514	-.008318	-.000062	.0097256	-.001225	242.4494
#3	.0052934	-.000387	-.001757	.0014337	.000529	241.9179

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058499	.0014387	-.000732	259.8510	.0552902	.0004092
Stddev	.0000143	.0000870	.000173	1.3568	.0004119	.0001410
%RSD	.2438117	6.044836	23.70075	.5221266	.7449272	34.46140

#1	.0058530	.0013384	-.000668	258.4501	.0551891	.0004194
#2	.0058343	.0014928	-.000928	261.1588	.0549383	.0002633
#3	.0058623	.0014849	-.000599	259.9441	.0557432	.0005447

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043055	103.6522	.0120012	263.1867	.0015807	-.000406
Stddev	.0021198	.1916	.0000848	.5726	.0003024	.000246
%RSD	49.23533	.1848512	.7068332	.2175523	19.13059	60.57197

#1	.0044620	103.4727	.0119214	262.5776	.0013598	-.000130
#2	.0021118	103.8540	.0119918	263.7139	.0019253	-.000601
#3	.0063428	103.6299	.0120903	263.2687	.0014568	-.000488

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.267793	.0007383	.0014881	.0372006	.0094020	.0031736
Stddev	.337452	.0030973	.0012896	.0415324	.0010872	.0017045
%RSD	126.0124	419.5311	86.66042	111.6443	11.56304	53.70936

#1	-.114014	.0043073	.0021625	.0041235	.0085546	.0036224
#2	-.034621	-.001246	.0000011	.0838119	.0090236	.0046087
#3	-.654743	-.000847	.0023006	.0236664	.0106278	.0012895

Sample Name: ICSA Acquired: 10/07/2019 12:10:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) 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	.0005421	F .0058754	F -.002435	-.003380	F -.000150	W .0067304
Stddev	.0005522	.0097323	.000688	.001277	.000304	.0015689
%RSD	101.8694	165.6443	28.27404	37.79173	203.0963	23.31106

#1	.0011555	.0164479	-.001660	-.004851	-.000137	.0074675
#2	.0003860	.0038885	-.002975	-.002557	-.000459	.0077951
#3	.0000847	-.002710	-.002669	-.002731	.000148	.0049287

Elem	Sr4077
Units	ppm
Avg	F .0997853
Stddev	.0002483
%RSD	.2488371

#1	.1000058
#2	.0998338
#3	.0995164

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1522.637	2805.038	35835.24	7093.908	2704.624
Stddev	11.877	1.690	205.69	27.135	5.703
%RSD	.7799980	.0602471	.5739888	.3825118	.2108632

#1	1517.077	2804.167	35706.94	7114.269	2704.538
#2	1514.561	2806.986	35726.30	7063.103	2710.369
#3	1536.274	2803.961	36072.49	7104.353	2698.964

Sample Name: ICSAB Acquired: 10/07/2019 12:14:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) 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	.1076908	.1077701	.0515260	.0583138	.6024984	242.5791
Stddev	.0011721	.0017298	.0013897	.0074342	.0043751	.2821
%RSD	1.088346	1.605072	2.697014	12.74869	.7261620	.1162929

#1	.1089738	.1095445	.0499484	.0499538	.6073147	242.3449
#2	.1074224	.1076770	.0525689	.0608052	.6014109	242.8922
#3	.1066762	.1060887	.0520607	.0641824	.5987696	242.5001

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5316941	.5022298	1.017747	260.9172	.5871013	.5086002
Stddev	.0025360	.0054940	.001318	1.4912	.0032866	.0018912
%RSD	.4769714	1.093926	.1294745	.5715266	.5598092	.3718434

#1	.5320149	.4960151	1.016402	260.3084	.5844329	.5064173
#2	.5340544	.5064405	1.019036	262.6165	.5907725	.5097459
#3	.5290129	.5042338	1.017804	259.8267	.5860983	.5096373

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4770353	103.8125	.5204721	263.8016	1.029467	.2084880
Stddev	.0045668	.3447	.0042813	.8755	.001384	.0004105
%RSD	.9573411	.3320566	.8225726	.3318729	.1344208	.1968760

#1	.4721821	103.8252	.5233220	263.5175	1.029902	.2085857
#2	.4776755	104.1507	.5225454	264.7838	1.030582	.2080375
#3	.4812482	103.4617	.5155489	263.1034	1.027918	.2088408

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.548067	.5214513	.9759901	-.039179	F .1116658	F 1.262471
Stddev	.258811	.0019625	.0083199	.086482	.0027701	.011125
%RSD	47.22258	.3763537	.8524580	220.7365	2.480665	.8812197

#1	-.281624	.5201429	.9840515	-.102757	.1125949	1.250290
#2	-.798504	.5237078	.9674338	-.074078	.1085506	1.272094
#3	-.564073	.5205031	.9764850	.059299	.1138518	1.265030

Sample Name: ICSAB Acquired: 10/07/2019 12:14:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) 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 1.210513	F .0952947	F 1.206694	F 1.236723	F 1.247574	F .1020717
Stddev	.003012	.0026215	.013593	.005323	.001573	.0011469
%RSD	.2488016	2.750933	1.126470	.4303940	.1261142	1.123658
#1	1.207547	.0962310	1.191309	1.230632	1.249389	.1009421
#2	1.210422	.0923336	1.217078	1.239056	1.246711	.1032353
#3	1.213569	.0973195	1.211695	1.240480	1.246620	.1020375

Elem	Sr4077
Units	ppm
Avg	F .2270073
Stddev	.0003223
%RSD	.1419684
#1	.2269018
#2	.2267511
#3	.2273692

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1512.533	2804.948	35787.57	7099.706	2702.864
Stddev	7.876	9.009	138.70	54.645	2.475
%RSD	.5207080	.3211923	.3875773	.7696760	.0915610
#1	1503.726	2807.656	35756.67	7149.077	2704.923
#2	1514.974	2812.292	35666.92	7040.992	2703.551
#3	1518.900	2794.895	35939.11	7109.051	2700.119

Sample Name: CCV090 Acquired: 10/07/2019 12:18:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV090 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.847534	4.872954	24.64279	4.758926	4.852273	409.3404	10.10023
Stddev	.028927	.019270	.04486	.023330	.008407	.8654	.07186
%RSD	.5967284	.3954449	.1820526	.4902331	.1732667	.2114023	.7114534

#1	4.840792	4.880717	24.62983	4.753556	4.856647	409.3417	10.10847
#2	4.822573	4.851013	24.60583	4.738750	4.842580	408.4743	10.02460
#3	4.879236	4.887131	24.69270	4.784473	4.857592	410.2051	10.16761

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5036109	2.467819	411.3712	15.26762	2.504481	15.00793	413.3653
Stddev	.0025291	.004633	3.2832	.02719	.004640	.02573	2.0451
%RSD	.5021984	.1877238	.7981018	.1780650	.1852599	.1714700	.4947420

#1	.5048279	2.464623	411.3051	15.26535	2.504052	15.03628	413.6200
#2	.5007033	2.465703	408.1216	15.24164	2.500071	14.98604	411.2047
#3	.5053014	2.473132	414.6869	15.29587	2.509321	15.00148	415.2710

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.93103	406.3549	2.487642	1.271361	406.6953	2.498768	14.66737
Stddev	.07654	2.3484	.004214	.007939	1.6234	.012304	.09833
%RSD	.5126177	.5779185	.1694065	.6244748	.3991688	.4924146	.6703864

#1	14.94387	407.1739	2.486389	1.272106	406.5267	2.503492	14.59850
#2	14.84888	403.7067	2.484196	1.263075	405.1628	2.484801	14.77998
#3	15.00034	408.1842	2.492340	1.278901	408.3965	2.508010	14.62362

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.9469	5.029100	4.990453	4.876860	5.035882	4.962356	4.987988
Stddev	.3264	.034990	.023442	.013816	.030549	.022555	.018343
%RSD	.2134211	.6957543	.4697405	.2832963	.6066356	.4545149	.3677369

#1	153.2282	5.039892	4.993919	4.866080	5.029758	4.971096	4.985032
#2	152.5890	4.989984	4.965471	4.872067	5.008859	4.936739	4.971303
#3	153.0237	5.057422	5.011970	4.892435	5.069030	4.979233	5.007629

Sample Name: CCV090 Acquired: 10/07/2019 12:18:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV090 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.999550	5.123018	4.962280
Stddev	.014254	.064004	.069240
%RSD	.2851064	1.249334	1.395327

#1	5.001952	5.114573	4.965981
#2	4.984247	5.063656	4.891264
#3	5.012450	5.190825	5.029595

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1382.356	2582.002	34491.22	6888.135	2460.345
Stddev	3.057	2.869	260.23	72.772	1.217
%RSD	.2211311	.1111130	.7544793	1.056485	.0494510

#1	1381.432	2585.305	34449.55	6863.610	2460.364
#2	1385.768	2580.140	34769.77	6970.001	2459.120
#3	1379.867	2580.559	34254.34	6830.794	2461.553

Sample Name: CCB090 Acquired: 10/07/2019 12:22:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB090 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015871	.0013866	.0017830	-.001639	-.000658	.0257665	.0004520
Stddev	.0027696	.0012757	.0010618	.004036	.001771	.0121014	.0002047
%RSD	174.5056	92.00833	59.54982	246.2359	268.9647	46.96564	45.29436

#1	.0013984	.0000264	.0005942	.001619	.000279	.0372562	.0002236
#2	.0044463	.0015768	.0021177	-.006153	.000447	.0269087	.0006190
#3	-.001083	.0025565	.0026372	-.000382	-.002701	.0131345	.0005135

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001070	.0000573	.0178586	-.000018	.0000907	.0033992	.0356167
Stddev	.0000457	.0000856	.0067211	.000419	.0001187	.0014777	.0086023
%RSD	42.66294	149.4457	37.63525	2314.820	130.8945	43.47229	24.15245

#1	.0001444	.0001540	.0223775	.000311	.0001102	.0049099	.0455216
#2	.0000561	.0000266	.0101349	.000124	.0001984	.0033309	.0313120
#3	.0001206	-.000009	.0210634	-.000490	-.000037	.0019569	.0300165

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008270	.0288394	.0000163	-.000142	.0217829	-.002542	.0003352
Stddev	.0006728	.0158541	.0003443	.000329	.2948348	.002987	.0007168
%RSD	81.35512	54.97383	2114.368	231.0245	1353.517	117.5020	213.8444

#1	.0015265	.0460545	-.000380	-.000106	.2987342	.000279	.0010425
#2	.0007701	.0256248	.000189	.000167	.0547745	-.002234	-.000391
#3	.0001845	.0148389	.000240	-.000487	-.288160	-.005671	.000354

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1132370	-.001627	.0148350	.0008334	.0001855	.0000016	.0012624
Stddev	.0166078	.000818	.0015555	.0003013	.0031766	.0006455	.0017430
%RSD	14.66643	50.27843	10.48521	36.14847	1712.823	40464.17	138.0685

#1	.1239803	-.001514	.0159268	.0009539	-.001789	.0004532	.0030158
#2	.1216223	-.002495	.0155242	.0010558	.003850	.0002894	-.000470
#3	.0941083	-.000871	.0130540	.0004905	-.001505	-.000738	.001242

Sample Name: CCB090 Acquired: 10/07/2019 12:22:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB090 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0016468	.0047820	.0003865
Stddev	.0002402	.0005879	.0000667
%RSD	14.58678	12.29503	17.27027

#1	.0018860	.0054545	.0004359
#2	.0014056	.0045258	.0003106
#3	.0016488	.0043655	.0004131

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1629.122	3009.312	37961.17	7225.419	3091.599
Stddev	8.585	7.660	119.90	36.099	6.754
%RSD	.5269732	.2545437	.3158445	.4996065	.2184752

#1	1636.637	3002.040	38092.58	7212.956	3083.883
#2	1630.962	3017.308	37857.73	7266.098	3096.445
#3	1619.766	3008.588	37933.19	7197.204	3094.469

Sample Name: K5086-04 Acquired: 10/07/2019 12:26:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1939058	.0172167	1.511883	-.002819	.0096749	71.05456	1.498083
Stddev	.0099356	.0007020	.004344	.003823	.0013217	.16960	.005301
%RSD	5.123916	4.077306	.2873122	135.6028	13.66115	.2386960	.3538325

#1	.1902910	.0166834	1.515602	-.007231	.0097721	70.91300	1.497770
#2	.2051427	.0169547	1.507109	-.000503	.0083073	71.00813	1.492947
#3	.1862837	.0180119	1.512938	-.000723	.0109453	71.24254	1.503534

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0132204	.0074271	17.33341	.1583414	.1410301	.2835363	492.0918
Stddev	.0000589	.0001814	.15536	.0011549	.0004395	.0019123	1.6137
%RSD	.4454719	2.442403	.8962938	.7293840	.3116244	.6744453	.3279281

#1	.0132718	.0076190	17.30284	.1572335	.1412745	.2836474	490.2882
#2	.0132332	.0074036	17.50178	.1595382	.1405227	.2853906	492.5883
#3	.0131562	.0072585	17.19560	.1582524	.1412930	.2815708	493.3990

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.326874	12.19876	.2182524	.0010496	-.292107	.2611153	2.530472
Stddev	.014026	.02800	.0003330	.0001397	.148329	.0014402	.003205
%RSD	.2633124	.2294937	.1525596	13.31021	50.77884	.5515479	.1266386

#1	5.310989	12.20349	.2184932	.0010076	-.164422	.2606192	2.528979
#2	5.332079	12.22410	.2183915	.0012055	-.257087	.2627379	2.534151
#3	5.337553	12.16871	.2178724	.0009357	-.454812	.2599887	2.528287

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.426409	7.649070	.0233991	.0159483	5.625480	4.330276	.2088073
Stddev	.045295	.019789	.0078172	.0001515	.012858	.008142	.0007273
%RSD	.6099185	.2587089	33.40794	.9499791	.2285754	.1880243	.3483144

#1	7.476983	7.671906	.0154269	.0157738	5.639082	4.338735	.2085934
#2	7.389574	7.636974	.0237190	.0160472	5.623835	4.329601	.2082109
#3	7.412669	7.638329	.0310514	.0160238	5.613523	4.322493	.2096176

Sample Name: K5086-04 Acquired: 10/07/2019 12:26:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B03 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3591873	.0630239	.2647329
Stddev	.0008829	.0005440	.0007152
%RSD	.2457959	.8631713	.2701528

#1	.3588303	.0629051	.2646716
#2	.3585387	.0625491	.2640503
#3	.3601927	.0636175	.2654767

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1744.148	3213.714	41236.70	7888.068	3033.536
Stddev	9.662	7.569	26.51	2.594	8.250
%RSD	.5539896	.2355303	.0642877	.0328858	.2719603

#1	1733.025	3205.133	41237.09	7885.234	3024.588
#2	1750.464	3219.442	41263.02	7888.646	3035.178
#3	1748.955	3216.568	41210.00	7890.324	3040.841

Sample Name: K5066-07DLX2 Acquired: 10/07/2019 12:34:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAG2 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092101	-.000803	.1474234	.0043976	.0007070	2.017579
Stddev	.0039780	.002457	.0018237	.0014959	.0014251	.009904
%RSD	43.19129	305.7855	1.237020	34.01576	201.5548	.4908943

#1	.0071952	-.003288	.1458002	.0027289	.0007721	2.009526
#2	.0137924	.001624	.1470731	.0048457	-.000749	2.014574
#3	.0066428	-.000746	.1493967	.0056183	.002099	2.028638

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0448381	.0028397	.0015325	18.05525	.0392133	.0013828
Stddev	.0004211	.0000673	.0000374	.09432	.0003039	.0002522
%RSD	.9390641	2.370884	2.441381	.5224001	.7749503	18.23619

#1	.0451745	.0027863	.0015323	17.97266	.0389689	.0011432
#2	.0443659	.0029154	.0014953	18.03507	.0391175	.0016459
#3	.0449740	.0028174	.0015701	18.15803	.0395535	.0013592

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0335237	4.762676	.6742104	2.178621	.0269889	.0004299
Stddev	.0018409	.023824	.0032101	.037269	.0001521	.0004003
%RSD	5.491193	.5002214	.4761280	1.710666	.5636609	93.10829

#1	.0322705	4.746708	.6721917	2.156022	.0268222	.0008555
#2	.0326635	4.751260	.6725276	2.221637	.0270242	.0003729
#3	.0356372	4.790060	.6779121	2.158205	.0271203	.0000611

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5151381	.0006216	F 55.35825	-.063661	.4198656	.0050707
Stddev	.1239511	.0008743	.62257	.068898	.0026976	.0003052
%RSD	24.06172	140.6465	1.124614	108.2256	.6424876	6.017875

#1	.6373822	.0006508	55.82209	-.082815	.4174646	.0049854
#2	.5184843	-.000267	54.65069	-.120956	.4227846	.0048173
#3	.3895478	.001481	55.60196	.012787	.4193476	.0054094

Sample Name: K5066-07DLX2 Acquired: 10/07/2019 12:34:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAG2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008066	30.46623	1.488451	.0000774	.0935548	-.001746
Stddev	.0005146	.08221	.012865	.0005610	.0006562	.000851
%RSD	63.79793	.2698344	.8643375	725.2584	.7014078	48.74351
#1	.0014008	30.45520	1.475140	.0007251	.0938341	-.001504
#2	.0005119	30.39009	1.489396	-.000257	.0928052	-.002691
#3	.0005071	30.55339	1.500818	-.000236	.0940252	-.001042

Elem	Sr4077
Units	ppm
Avg	.0148465
Stddev	.0001201
%RSD	.8091448
#1	.0147484
#2	.0148107
#3	.0149805

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1642.895	3020.891	38391.10	7278.978	3108.272
Stddev	13.927	5.428	116.82	26.372	6.218
%RSD	.8477200	.1796792	.3042826	.3623094	.2000610
#1	1630.093	3014.920	38267.50	7303.600	3101.214
#2	1657.725	3025.527	38406.12	7282.185	3110.656
#3	1640.865	3022.226	38499.68	7251.148	3112.945

Sample Name: PB123676BL Acquired: 10/07/2019 12:50:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS676 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018102	.0014807	.0007763	-.001628	.0006377	.0081588	.0003505
Stddev	.0035036	.0013708	.0009418	.003288	.0016552	.0036933	.0003694
%RSD	193.5526	92.58353	121.3249	201.9096	259.5607	45.26814	105.3832

#1	.0054358	.0025791	.0013649	-.004437	-.001259	.0068480	.0007181
#2	-.001557	-.000056	.0012739	.001988	.001385	.0052996	-.000021
#3	.001552	.001919	-.000310	-.002436	.001787	.0123287	.000354

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000818	-.000006	.0009304	-.000284	-.000118	.0022785	.0040762
Stddev	.0000839	.000088	.0106832	.000251	.000429	.0012277	.0037918
%RSD	102.5604	1470.773	1148.245	88.22988	363.9374	53.88141	93.02222

#1	.0000769	.000071	-.004163	-.000516	-.000415	.0026339	-.000261
#2	.0000005	.000012	-.006253	-.000018	.000374	.0032894	.006765
#3	.0001681	-.000101	.013207	-.000318	-.000312	.0009124	.005724

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000033	-.001226	-.000174	.0000394	-.058344	-.001260	.0008884
Stddev	.000059	.024467	.000499	.0001155	.189621	.002080	.0008014
%RSD	178.7050	1994.872	286.8126	293.2732	325.0072	165.0852	90.19780

#1	.000005	-.027565	-.000730	-.000049	-.124501	-.003553	.0012380
#2	-.000004	.003091	.000234	-.000003	-.206023	-.000733	.0014556
#3	-.000101	.020794	-.000026	.000170	.155493	.000506	-.000028

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.057067	-.003719	-.000380	.0000560	.0000545	-.002367	-.000322
Stddev	.040497	.000691	.001052	.0004049	.0008958	.000900	.000453
%RSD	70.96366	18.58676	276.7856	723.2877	1644.222	38.02025	140.6385

#1	-.044375	-.004109	-.000806	-.000089	.0004212	-.002590	-.000845
#2	-.024436	-.002921	-.001152	.000513	-.000967	-.003134	-.000079
#3	-.102389	-.004128	.000818	-.000257	.000709	-.001376	-.000043

Sample Name: PB123676BL Acquired: 10/07/2019 12:50:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS676 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000908	-.000562	.0000005
Stddev	.0005919	.001452	.0000151
%RSD	652.0680	258.3366	2896.551

#1	.0004343	.000404	-.000014
#2	.0004306	.000141	.000000
#3	-.000593	-.002232	.000016

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1599.140	2991.255	37425.14	7141.900	3071.287
Stddev	18.910	7.196	128.05	36.615	3.684
%RSD	1.182513	.2405577	.3421517	.5126854	.1199567

#1	1593.503	2982.946	37305.60	7151.154	3067.056
#2	1620.228	2995.359	37560.28	7101.545	3073.793
#3	1583.690	2995.459	37409.55	7173.000	3073.010

Sample Name: PB123676BS Acquired: 10/07/2019 12:54:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS676 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0175163	.0508416	.0206251	.0724435	.1199658	.4136639
Stddev	.0025610	.0041771	.0005654	.0050884	.0005996	.0125568
%RSD	14.62064	8.215990	2.741526	7.023980	.4997762	3.035498

#1	.0159381	.0556647	.0202907	.0779081	.1197801	.4271637
#2	.0204712	.0483855	.0203067	.0715806	.1194810	.4114954
#3	.0161396	.0484747	.0212780	.0678416	.1206362	.4023327

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4065200	.0101153	.0097632	10.53983	.0216525	.0959584
Stddev	.0008364	.0000393	.0000316	.00896	.0001629	.0003614
%RSD	.2057557	.3886675	.3241810	.0850442	.7522924	.3766126

#1	.4074823	.0101492	.0097607	10.54877	.0214832	.0955594
#2	.4061103	.0101246	.0097961	10.53084	.0216662	.0962637
#3	.4059674	.0100722	.0097329	10.53986	.0218082	.0960522

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0479497	.2151521	.0327847	10.12671	.0807232	.0204748
Stddev	.0016979	.0074908	.0000845	.03848	.0005501	.0002583
%RSD	3.541012	3.481630	.2577617	.3800324	.6814090	1.261469

#1	.0466501	.2065979	.0327942	10.14705	.0803574	.0204389
#2	.0498708	.2205385	.0328641	10.15076	.0804565	.0207491
#3	.0473283	.2183200	.0326959	10.08233	.0813558	.0202363

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.613744	.1012078	.1120448	9.384973	.0241690	F .0207143
Stddev	.206420	.0016929	.0017727	.045378	.0017640	.0004812
%RSD	2.147138	1.672712	1.582128	.4835125	7.298602	2.323018

#1	9.420369	.1022568	.1140176	9.342652	.0261555	.0201964
#2	9.589750	.1021118	.1105857	9.432888	.0235657	.0211476
#3	9.831113	.0992548	.1115311	9.379379	.0227858	.0207990

Sample Name: PB123676BS Acquired: 10/07/2019 12:54:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS676 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0201589	.1720765	.1975520	.0116283	.1941586	F .0955022
Stddev	.0002766	.0045759	.0021634	.0018040	.0013518	.0007234
%RSD	1.372164	2.659248	1.095089	15.51429	.6962443	.7574760
#1	.0204228	.1773604	.1981270	.0122605	.1937444	.0946719
#2	.0198711	.1694345	.1993698	.0095932	.1956691	.0959960
#3	.0201828	.1694347	.1951593	.0130311	.1930624	.0958388

Elem	Sr4077
Units	ppm
Avg	.1918345
Stddev	.0008245
%RSD	.4298009
#1	.1909793
#2	.1926245
#3	.1918997

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1600.367	2997.556	37413.64	7121.607	3089.270
Stddev	7.962	2.258	37.64	13.197	3.204
%RSD	.4975359	.0753314	.1006164	.1853123	.1037129
#1	1609.463	3000.159	37456.34	7116.628	3085.635
#2	1596.976	2996.114	37399.31	7111.624	3090.492
#3	1594.661	2996.396	37385.26	7136.570	3091.684

Sample Name: K5101-01 Acquired: 10/07/2019 12:59:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B28 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0964016	.0079115	1.142778	-.004149	.0004377	72.24863	1.588947
Stddev	.0059832	.0022637	.008846	.002996	.0003512	.11617	.004456
%RSD	6.206585	28.61267	.7740776	72.21103	80.23422	.1607853	.2804107

#1	.0914344	.0102461	1.136504	-.006333	.0000737	72.34580	1.593774
#2	.0947265	.0077624	1.138934	-.000734	.0007745	72.28013	1.588074
#3	.1030438	.0057261	1.152896	-.005381	.0004648	72.11997	1.584992

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079919	.0229787	30.66423	.1025600	.0732548	.1748423	243.5650
Stddev	.0001225	.0001165	.12334	.0004336	.0002303	.0016080	.2803
%RSD	1.532781	.5070361	.4022114	.4227606	.3143957	.9196957	.1150734

#1	.0081219	.0228555	30.79857	.1028429	.0735160	.1732376	243.6731
#2	.0079752	.0230872	30.63802	.1020608	.0730811	.1764536	243.2467
#3	.0078786	.0229932	30.55611	.1027763	.0731673	.1748356	243.7751

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.857499	9.174463	.1029095	.0004484	.2597783	.1919129	6.001209
Stddev	.008984	.076050	.0006281	.0002617	.1853384	.0014012	.065054
%RSD	.3143914	.8289320	.6103937	58.36138	71.34481	.7301432	1.084013

#1	2.863712	9.235243	.1031391	.0001464	.0935768	.1926465	5.951132
#2	2.847198	9.089183	.1033906	.0006073	.4596400	.1902971	5.977758
#3	2.861586	9.198964	.1021989	.0005915	.2261183	.1927949	6.074737

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.612148	5.349772	.0339956	.0046947	3.478494	2.010834	.3593528
Stddev	.040257	.013545	.0065070	.0006486	.009087	.035484	.0005362
%RSD	1.541162	.2531960	19.14079	13.81451	.2612351	1.764654	.1492197

#1	2.657641	5.336694	.0294264	.0041697	3.468012	2.038619	.3587341
#2	2.581130	5.363741	.0311147	.0054197	3.484152	2.023021	.3596830
#3	2.597673	5.348880	.0414458	.0044947	3.483318	1.970863	.3596413

Sample Name: K5101-01 Acquired: 10/07/2019 12:59:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B28 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4470720	.0595937	.5148321
Stddev	.0017823	.0004497	.0016156
%RSD	.3986557	.7546824	.3138213

#1	.4470933	.0594950	.5138302
#2	.4488435	.0592015	.5166959
#3	.4452791	.0600846	.5139701

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1726.919	3185.227	40487.90	7755.501	3034.148
Stddev	6.460	3.337	134.83	73.097	2.400
%RSD	.3740535	.1047788	.3330192	.9425216	.0791006

#1	1729.384	3181.784	40498.13	7679.158	3033.225
#2	1731.784	3188.448	40617.33	7762.493	3036.872
#3	1719.590	3185.449	40348.25	7824.850	3032.346

Sample Name: K5101-02 Acquired: 10/07/2019 13:03:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B29 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0459918	.0093483	.4051261	.0014186	.0033606	114.0503	.9426447
Stddev	.0045628	.0050847	.0007679	.0036551	.0024017	.1495	.0013403
%RSD	9.920862	54.39104	.1895523	257.6623	71.46424	.1311151	.1421907

#1	.0510585	.0034774	.4058282	.0035259	.0016180	113.8961	.9435269
#2	.0422073	.0122317	.4052439	.0035318	.0023637	114.0602	.9411023
#3	.0447096	.0123359	.4043060	-.002802	.0061002	114.1946	.9433049

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072750	.0083129	17.53632	.1404454	.0826111	.1212238	240.4828
Stddev	.0000858	.0001073	.00611	.0006763	.0001981	.0014965	.3687
%RSD	1.179444	1.291379	.0348484	.4815667	.2398164	1.234499	.1533054

#1	.0073263	.0082087	17.53127	.1396747	.0825898	.1201072	240.2918
#2	.0071760	.0083068	17.54312	.1407216	.0828190	.1206399	240.2488
#3	.0073229	.0084232	17.53458	.1409399	.0824245	.1229242	240.9078

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.748098	16.01868	.1940958	.0001278	-.158273	.2416890	3.720741
Stddev	.002510	.11641	.0002379	.0001919	.017478	.0005256	.021674
%RSD	.1435649	.7267434	.1225596	150.1997	11.04322	.2174509	.5825188

#1	1.748572	15.98342	.1938329	.0003492	-.174289	.2422180	3.723811
#2	1.745385	15.92397	.1942962	.0000249	-.160901	.2411669	3.740717
#3	1.750337	16.14864	.1941582	.0000092	-.139629	.2416823	3.697696

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.960207	2.669274	.0211489	.0046933	1.313243	2.391931	.0247433
Stddev	.069538	.003218	.0033257	.0003679	.007188	.004486	.0012750
%RSD	1.401916	.1205727	15.72520	7.839780	.5473450	.1875462	5.152736

#1	5.028849	2.665743	.0244589	.0047620	1.314081	2.387948	.0262080
#2	4.889807	2.670037	.0211799	.0042958	1.305673	2.391055	.0241399
#3	4.961966	2.672043	.0178077	.0050221	1.319976	2.396790	.0238820

Sample Name: K5101-02 Acquired: 10/07/2019 13:03:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B29 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3858792	.0770696	.2632956
Stddev	.0017041	.0003417	.0003622
%RSD	.4416230	.4433232	.1375559

#1	.3839170	.0770097	.2629460
#2	.3867325	.0774373	.2636692
#3	.3869881	.0767619	.2632715

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1686.166	3128.165	39457.05	7603.246	3028.060
Stddev	14.303	5.935	242.65	25.831	.719
%RSD	.8482545	.1897274	.6149685	.3397314	.0237474

#1	1682.210	3126.164	39589.70	7586.882	3027.293
#2	1674.258	3134.842	39176.99	7589.832	3028.168
#3	1702.031	3123.489	39604.45	7633.024	3028.719

Sample Name: K5101-03 Acquired: 10/07/2019 13:07:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1380102	.0078538	42.20157	.0050561	.0099674	55.60487
Stddev	.0032348	.0011105	.07544	.0044595	.0014553	.07424
%RSD	2.343847	14.14000	.1787575	88.20119	14.60062	.1335090

#1	.1408774	.0065894	42.26578	.0096577	.0113902	55.59557
#2	.1345034	.0083008	42.22042	.0007537	.0100306	55.53573
#3	.1386498	.0086712	42.11849	.0047569	.0084816	55.68333

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.191227	.0073310	.1615630	30.99775	.1093827	.0765752
Stddev	.003390	.0000934	.0004711	.15337	.0001323	.0003691
%RSD	.1547244	1.273765	.2915804	.4947681	.1209124	.4820450

#1	2.192440	.0072239	.1620314	31.17484	.1092490	.0767435
#2	2.187397	.0073736	.1615684	30.91006	.1095135	.0761519
#3	2.193845	.0073955	.1610893	30.90836	.1093855	.0768302

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.750929	255.7636	2.432718	6.442341	.1431588	.0086400
Stddev	.005950	.6521	.008983	.031157	.0009655	.0007208
%RSD	.2162756	.2549689	.3692409	.4836256	.6744075	8.342169

#1	2.748400	256.4260	2.442770	6.460797	.1430814	.0087561
#2	2.746662	255.1223	2.425478	6.406369	.1422344	.0078682
#3	2.757726	255.7426	2.429907	6.459858	.1441607	.0092956

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.334837	.1607002	F 47.20869	3.091772	7.618392	.0388193
Stddev	.269728	.0037541	.05346	.036410	.008912	.0030772
%RSD	20.20679	2.336081	.1132411	1.177653	.1169784	7.927036

#1	1.646284	.1642665	47.22058	3.108326	7.616525	.0364253
#2	1.181047	.1610510	47.15028	3.050026	7.628090	.0377424
#3	1.177180	.1567829	47.25520	3.116964	7.610562	.0422903

Sample Name: K5101-03 Acquired: 10/07/2019 13:07:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B30 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111344	6.148279	1.756142	.3425990	.8258417	.0539640
Stddev	.0006058	.019715	.009306	.0024425	.0023011	.0016751
%RSD	5.440552	.3206647	.5299169	.7129482	.2786334	3.104087

#1	.0112811	6.167565	1.765953	.3453929	.8264753	.0555436
#2	.0104688	6.149111	1.755035	.3415363	.8232902	.0522075
#3	.0116534	6.128160	1.747440	.3408678	.8277595	.0541409

Elem	Sr4077
Units	ppm
Avg	.4387231
Stddev	.0005232
%RSD	.1192648

#1	.4393088
#2	.4385588
#3	.4383017

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1699.637	3159.090	39981.19	7697.878	3037.073
Stddev	3.269	3.020	139.67	31.210	1.872
%RSD	.1923079	.0956003	.3493366	.4054395	.0616462

#1	1698.276	3155.844	40077.76	7667.536	3035.416
#2	1697.269	3161.817	39821.05	7696.208	3039.104
#3	1703.366	3159.610	40044.77	7729.890	3036.698

Sample Name: K5101-04 Acquired: 10/07/2019 13:10:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B31 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0714502	.0115617	7.309040	-.000151	.0005475	72.07513	2.619987
Stddev	.0006413	.0006812	.007213	.001665	.0021102	.17581	.005617
%RSD	.8975137	5.892046	.0986911	1102.863	385.3882	.2439249	.2143922

#1	.0721820	.0108233	7.308504	.000090	-.000040	71.90404	2.617212
#2	.0711823	.0116960	7.302110	-.001924	.002889	72.06603	2.626451
#3	.0709864	.0121658	7.316507	.001381	-.001206	72.25531	2.616297

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080214	.0871818	21.54401	.1030785	.1105849	.8179342	346.0869
Stddev	.0000199	.0003477	.13656	.0003390	.0002231	.0046695	1.5365
%RSD	.2485138	.3987791	.6338696	.3289148	.2017565	.5708944	.4439691

#1	.0080028	.0873594	21.47990	.1031457	.1104262	.8219190	344.3547
#2	.0080424	.0867812	21.45130	.1033789	.1104886	.8190876	346.6204
#3	.0080188	.0874049	21.70083	.1027109	.1108400	.8127961	347.2856

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.228530	8.470866	.1509720	.0011580	.4340563	.1851344	24.21424
Stddev	.018816	.031271	.0006742	.0003814	.3478851	.0010655	.10817
%RSD	.4449767	.3691608	.4465678	32.93976	80.14746	.5755059	.4467143

#1	4.207212	8.436300	.1503645	.0007668	.8207792	.1851289	24.15085
#2	4.235556	8.479106	.1508542	.0011782	.3348126	.1840718	24.33914
#3	4.242822	8.497192	.1516973	.0015289	.1465772	.1862027	24.15274

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.228685	4.459007	.0320360	.0058589	3.255033	1.765680	.3422544
Stddev	.037490	.010348	.0036846	.0000494	.001842	.010199	.0015321
%RSD	1.161168	.2320619	11.50157	.8439252	.0566002	.5776311	.4476581

#1	3.198250	4.456605	.0303826	.0058728	3.256074	1.769637	.3428011
#2	3.217242	4.470345	.0362577	.0058040	3.252906	1.754096	.3434382
#3	3.270563	4.450072	.0294676	.0058999	3.256119	1.773308	.3405239

Sample Name: K5101-04 Acquired: 10/07/2019 13:10:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B31 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3852741	.0545761	.2390257
Stddev	.0016705	.0016890	.0009256
%RSD	.4335902	3.094724	.3872365

#1	.3835358	.0560839	.2391859
#2	.3854191	.0527509	.2380305
#3	.3868674	.0548934	.2398608

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1695.264	3151.731	39894.62	7677.829	3030.717
Stddev	6.312	1.365	164.77	19.916	3.471
%RSD	.3723191	.0433166	.4130231	.2593974	.1145131

#1	1693.180	3152.258	39853.31	7683.523	3026.964
#2	1690.257	3152.755	39754.43	7694.279	3033.811
#3	1702.354	3150.181	40076.11	7655.687	3031.377

Sample Name: K5101-06 Acquired: 10/07/2019 13:18:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B33 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0773814	.0041283	.9230478	.0016811	.0017154	87.30926	.6728807
Stddev	.0042504	.0031583	.0033566	.0032614	.0015252	.45968	.0035550
%RSD	5.492789	76.50402	.3636460	194.0000	88.91474	.5264985	.5283254

#1	.0780594	.0010977	.9199570	.0020474	.0025667	86.97929	.6736512
#2	.0728328	.0074005	.9225678	-.001748	.0026250	87.83431	.6759873
#3	.0812521	.0038867	.9266185	.004744	-.000045	87.11419	.6690036

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056114	.0043831	12.84852	.1153816	.0709035	.1580147	154.6994
Stddev	.0000633	.0000948	.09564	.0007269	.0001581	.0023459	1.0138
%RSD	1.127940	2.161897	.7443638	.6300372	.2229948	1.484643	.6553553

#1	.0056360	.0043141	12.81482	.1151377	.0709064	.1557080	154.4055
#2	.0056587	.0043441	12.95645	.1148079	.0707439	.1579382	155.8277
#3	.0055395	.0044912	12.77429	.1161991	.0710601	.1603980	153.8650

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.484692	9.683275	.1336066	.0002314	.0282630	.1821911	1.584930
Stddev	.011201	.048586	.0004326	.0001626	.1376000	.0018936	.021069
%RSD	.7544309	.5017541	.3237502	70.25803	486.8563	1.039362	1.329338

#1	1.481505	9.627521	.1335250	.0002833	-.121325	.1801694	1.576681
#2	1.497141	9.705745	.1332207	.0000492	.056674	.1839234	1.608875
#3	1.475430	9.716560	.1340741	.0003618	.149440	.1824806	1.569233

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.165338	3.066882	.0100467	.0066039	1.508628	2.150085	.0966078
Stddev	.044667	.011699	.0031500	.0004441	.006442	.012394	.0007827
%RSD	1.072361	.3814619	31.35342	6.724725	.4269908	.5764628	.8102162

#1	4.165272	3.067784	.0095938	.0061102	1.501217	2.155069	.0961886
#2	4.120703	3.054758	.0133987	.0067306	1.511789	2.135974	.0975109
#3	4.210038	3.078104	.0071477	.0069709	1.512879	2.159211	.0961241

Sample Name: K5101-06 Acquired: 10/07/2019 13:18:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B33 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3461879	.0623071	.0665424
Stddev	.0014297	.0012176	.0001903
%RSD	.4129962	1.954161	.2859792

#1	.3447302	.0626918	.0664406
#2	.3475880	.0609436	.0667619
#3	.3462455	.0632859	.0664246

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1737.396	3223.241	40665.10	7781.973	3067.953
Stddev	1.295	8.716	108.66	17.532	12.017
%RSD	.0745356	.2704073	.2672184	.2252951	.3917076

#1	1736.659	3226.443	40656.58	7765.347	3072.103
#2	1736.637	3229.903	40560.94	7800.290	3077.345
#3	1738.891	3213.377	40777.76	7780.283	3054.411

Sample Name: K5101-05 Acquired: 10/07/2019 13:14:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B32 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0766348	.0055449	.7518877	-.001174	.0012482	80.02856	.6043867
Stddev	.0020612	.0028762	.0018496	.002051	.0008263	.22916	.0010435
%RSD	2.689618	51.87060	.2459892	174.7052	66.20286	.2863509	.1726588

#1	.0763325	.0024971	.7497524	-.000072	.0004514	79.83001	.6040483
#2	.0788304	.0082114	.7529912	-.003541	.0011919	79.97636	.6035543
#3	.0747414	.0059260	.7529195	.000091	.0021012	80.27933	.6055574

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049512	.0044801	11.26710	.0999183	.0637943	.1450408	143.3000
Stddev	.0000331	.0000095	.05025	.0011287	.0003106	.0005515	.5490
%RSD	.6687017	.2119125	.4460169	1.129592	.4869513	.3802629	.3831061

#1	.0049428	.0044852	11.24231	.1003125	.0638208	.1447940	142.8286
#2	.0049231	.0044860	11.23406	.1007970	.0634712	.1456727	143.1685
#3	.0049877	.0044691	11.32493	.0986454	.0640908	.1446558	143.9028

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.353789	8.628272	.1083101	.0000856	.0522509	.1709398	1.451883
Stddev	.006730	.041530	.0000998	.0005131	.0634469	.0030797	.012064
%RSD	.4971255	.4813207	.0921170	599.1679	121.4273	1.801617	.8309401

#1	1.349868	8.598194	.1084018	-.000473	.0453813	.1690813	1.455480
#2	1.349938	8.610965	.1082038	.000193	.1188531	.1744946	1.438429
#3	1.361560	8.675656	.1083246	.000536	-.007482	.1692433	1.461739

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.828119	2.527100	.0124569	.0057415	1.281207	2.851003	.0473836
Stddev	.009531	.009392	.0015610	.0002456	.008002	.020861	.0014346
%RSD	.2489685	.3716316	12.53102	4.278218	.6245607	.7317031	3.027625

#1	3.839119	2.530838	.0141909	.0058175	1.285321	2.830142	.0466484
#2	3.822884	2.516415	.0120160	.0059402	1.286314	2.871863	.0490368
#3	3.822352	2.534046	.0111638	.0054669	1.271985	2.851003	.0464657

Sample Name: K5101-05 Acquired: 10/07/2019 13:14:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B32 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3095163	.0545811	.0599205
Stddev	.0011935	.0010568	.0000950
%RSD	.3855969	1.936176	.1584774

#1	.3088548	.0536214	.0598707
#2	.3088002	.0557136	.0600300
#3	.3108941	.0544083	.0598608

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1716.847	3203.085	40354.19	7796.586	3065.291
Stddev	15.964	5.848	211.04	11.137	2.356
%RSD	.9298209	.1825638	.5229811	.1428501	.0768532

#1	1703.825	3200.602	40113.93	7809.055	3064.198
#2	1734.656	3198.889	40509.61	7793.081	3063.680
#3	1712.059	3209.765	40439.04	7787.624	3067.994

Sample Name: K5101-07 Acquired: 10/07/2019 13:22:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B34 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0864656	.0015812	.8166826	.0012241	.0040633	72.13755	.7790395
Stddev	.0046556	.0010935	.0038193	.0048337	.0011749	.40496	.0044279
%RSD	5.384372	69.15823	.4676568	394.8809	28.91628	.5613712	.5683742

#1	.0856442	.0025075	.8131882	-.001399	.0037751	72.02486	.7794403
#2	.0822753	.0003749	.8160997	-.001731	.0030592	71.80087	.7744249
#3	.0914772	.0018614	.8207598	.006802	.0053555	72.58692	.7832534

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051493	.0054559	308.9000	.0902309	.0724919	.1353763	128.3060
Stddev	.0001167	.0001573	2.3880	.0004133	.0002830	.0014587	.7263
%RSD	2.266382	2.882821	.7730556	.4580208	.3904233	1.077509	.5660298

#1	.0050369	.0053143	309.1295	.0906789	.0722448	.1370116	128.3721
#2	.0051411	.0056252	306.4055	.0898645	.0724302	.1342091	127.5490
#3	.0052699	.0054282	311.1649	.0901492	.0728006	.1349081	128.9970

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.233538	15.79549	.1713109	.0002337	.4632751	.1528641	1.310213
Stddev	.022000	.07382	.0007209	.0002819	.1621165	.0022898	.003278
%RSD	.6803585	.4673651	.4208346	120.6157	34.99357	1.497898	.2501982

#1	3.235153	15.84744	.1709674	.0005120	.5484751	.1519711	1.308826
#2	3.210776	15.71099	.1708259	.0002410	.5650269	.1511555	1.307856
#3	3.254686	15.82804	.1721393	-.000052	.2763231	.1554658	1.313957

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.321460	4.311143	.0155249	.0060379	3.197471	1.767782	.0235258
Stddev	.065313	.017671	.0015309	.0001982	.008184	.015754	.0007536
%RSD	1.511360	.4098799	9.861003	3.282212	.2559645	.8911537	3.203483

#1	4.314335	4.290741	.0137626	.0062334	3.195020	1.779611	.0243940
#2	4.260001	4.321079	.0165262	.0058372	3.190791	1.749899	.0231429
#3	4.390043	4.321610	.0162859	.0060431	3.206600	1.773834	.0230405

Sample Name: K5101-07 Acquired: 10/07/2019 13:22:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B34 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2468845	.0542495	.6697648
Stddev	.0014684	.0004812	.0017247
%RSD	.5947700	.8870328	.2575110

#1	.2454234	.0544439	.6705513
#2	.2468702	.0537015	.6677870
#3	.2483600	.0546031	.6709561

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1692.160	3126.341	39709.51	7789.581	2902.259
Stddev	7.227	2.666	47.46	37.646	4.405
%RSD	.4270759	.0852636	.1195280	.4832843	.1517844

#1	1689.154	3124.971	39661.78	7751.581	2904.938
#2	1686.922	3129.413	39710.06	7826.863	2904.665
#3	1700.405	3124.639	39756.70	7790.299	2897.175

Sample Name: K5101-08 Acquired: 10/07/2019 13:26:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B35 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0411369	.0027221	.1311925	.0032035	-.001930	73.67871	.3175640
Stddev	.0036902	.0008282	.0012633	.0032824	.001051	.13703	.0013245
%RSD	8.970401	30.42278	.9628990	102.4623	54.45300	.1859801	.4170803

#1	.0443298	.0018532	.1299654	.0023881	-.003121	73.54057	.3160764
#2	.0419842	.0028108	.1324891	.0004057	-.001130	73.68095	.3186152
#3	.0370968	.0035024	.1311231	.0068168	-.001540	73.81460	.3180005

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039128	.0005789	2.831655	.0836541	.0432760	.0629355	99.31708
Stddev	.0000146	.0000964	.005669	.0005720	.0001812	.0011853	.13587
%RSD	.3725350	16.64990	.2002073	.6838034	.4186399	1.883323	.1368041

#1	.0038963	.0006901	2.831396	.0839158	.0433516	.0630508	99.16489
#2	.0039184	.0005249	2.837450	.0840486	.0430692	.0640589	99.42618
#3	.0039238	.0005216	2.826120	.0829981	.0434070	.0616967	99.36017

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6184594	7.576086	.0885942	-.000426	-.250486	.1408547	.4818339
Stddev	.0004897	.027725	.0003694	.000076	.089398	.0011718	.0116759
%RSD	.0791789	.3659482	.4169918	17.72341	35.68998	.8319008	2.423216

#1	.6179980	7.550461	.0890184	-.000346	-.148114	.1420568	.4898058
#2	.6189732	7.605517	.0883435	-.000437	-.290182	.1397158	.4684318
#3	.6184069	7.572279	.0884206	-.000496	-.313162	.1407914	.4872640

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.884682	1.212267	.0048988	.0037630	.5703679	1.608789	.0049695
Stddev	.033935	.006865	.0014151	.0002955	.0095931	.010116	.0016290
%RSD	1.176403	.5662584	28.88559	7.852642	1.681918	.6287861	32.78015

#1	2.901586	1.217496	.0034901	.0039274	.5757107	1.606784	.0033905
#2	2.845614	1.204493	.0048863	.0034219	.5761001	1.619757	.0048738
#3	2.906845	1.214810	.0063201	.0039397	.5592930	1.599826	.0066443

Sample Name: K5101-08 Acquired: 10/07/2019 13:26:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B35 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2561386	.0541936	.0279301
Stddev	.0013285	.0024122	.0001104
%RSD	.5186760	4.451104	.3952779

#1	.2562585	.0522903	.0279231
#2	.2547542	.0533840	.0280438
#3	.2574031	.0569064	.0278233

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1710.007	3177.944	39925.64	7668.831	3087.648
Stddev	13.057	9.330	266.02	53.563	7.205
%RSD	.7635395	.2935917	.6662763	.6984466	.2333435

#1	1703.914	3167.571	39621.95	7705.840	3079.553
#2	1724.997	3185.651	40037.58	7607.412	3093.358
#3	1701.111	3180.609	40117.40	7693.242	3090.033

Sample Name: CCV091 Acquired: 10/07/2019 13:35:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV091 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.948724	4.948542	25.04958	4.838591	4.967588	398.3658	10.41857
Stddev	.013149	.009419	.04647	.021856	.005171	8.5878	.07875
%RSD	.2656962	.1903405	.1855192	.4517117	.1040919	2.155764	.7559003

#1	4.960343	4.957247	24.99695	4.860610	4.967407	391.9287	10.39018
#2	4.951378	4.938543	25.08498	4.838262	4.962511	408.1168	10.50758
#3	4.934451	4.949836	25.06680	4.816901	4.972848	395.0518	10.35794

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5126091	2.490507	413.9273	15.47644	2.537620	15.25071	408.5595
Stddev	.0043247	.001911	3.4303	.02534	.000305	.04807	3.0390
%RSD	.8436728	.0767222	.8287136	.1637262	.0120101	.3152089	.7438421

#1	.5128985	2.488328	411.8385	15.47204	2.537751	15.25677	406.4127
#2	.5167818	2.491897	417.8862	15.45359	2.537838	15.29547	412.0369
#3	.5081469	2.491296	412.0572	15.50369	2.537272	15.19990	407.2289

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.32465	408.0123	2.543364	1.300996	400.0127	2.552326	14.88337
Stddev	.13100	3.0424	.003879	.003567	2.9205	.014819	.11904
%RSD	.8548047	.7456731	.1524971	.2742014	.7300952	.5805956	.7998313

#1	15.23139	405.8916	2.542357	1.297212	399.0874	2.546792	14.75329
#2	15.47442	411.4982	2.540088	1.301478	403.2838	2.569115	14.90996
#3	15.26815	406.6472	2.547647	1.304297	397.6671	2.541071	14.98688

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.9378	5.172542	5.080120	4.964167	5.088874	5.074409	5.073370
Stddev	.3511	.021592	.031447	.005765	.011427	.030000	.006305
%RSD	.2265887	.4174266	.6190221	.1161270	.2245442	.5912019	.1242789

#1	154.7193	5.180632	5.077942	4.957699	5.091809	5.069490	5.068681
#2	155.3427	5.148074	5.112599	4.968766	5.076266	5.106564	5.080538
#3	154.7512	5.188921	5.049818	4.966034	5.098547	5.047172	5.070892

Sample Name: CCV091 Acquired: 10/07/2019 13:35:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV091 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.092935	5.263566	5.043562
Stddev	.027862	.053671	.028869
%RSD	.5470618	1.019679	.5723836

#1	5.085499	5.225554	5.015710
#2	5.123760	5.324963	5.073349
#3	5.069545	5.240183	5.041626

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1363.140	2583.435	34177.30	6821.534	2463.591
Stddev	12.865	5.885	273.66	63.434	6.075
%RSD	.9438120	.2277846	.8007073	.9299042	.2465897

#1	1377.336	2581.750	34488.51	6877.474	2459.143
#2	1359.834	2578.576	34069.12	6752.614	2461.117
#3	1352.250	2589.978	33974.27	6834.514	2470.512

Sample Name: K5066-07DL2X4 Acquired: 10/07/2019 13:30:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAG2 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002391	.0002855	.0743385	-.001578	-.000643	1.030807	.0232867
Stddev	.000703	.0018000	.0009062	.001758	.000672	.014220	.0002415
%RSD	29.41310	630.3681	1.218987	111.4315	104.5058	1.379487	1.036941

#1	-.001742	-.000327	.0753774	-.002651	-.000357	1.019084	.0235651
#2	-.003138	-.001128	.0739271	-.002534	-.001410	1.046625	.0231609
#3	-.002292	.002312	.0737109	.000451	-.000161	1.026712	.0231341

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014601	.0007249	9.145722	.0195751	.0007719	.0187928	2.410482
Stddev	.0000362	.0000692	.018466	.0003528	.0001651	.0027167	.008237
%RSD	2.477441	9.551402	.2019072	1.802563	21.38706	14.45595	.3417316

#1	.0014215	.0007414	9.124479	.0193571	.0008242	.0214987	2.402570
#2	.0014656	.0007844	9.157942	.0193860	.0009045	.0160654	2.409866
#3	.0014933	.0006489	9.154744	.0199822	.0005870	.0188142	2.419010

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3406160	1.107466	.0134932	.0000871	.3785826	-.001224	28.44632
Stddev	.0005279	.024057	.0003998	.0003413	.1775048	.003448	.16029
%RSD	.1549965	2.172241	2.963223	391.6870	46.88668	281.7316	.5634843

#1	.3403871	1.099546	.0139067	-.000216	.5681652	.001374	28.62954
#2	.3402412	1.088367	.0131086	.000457	.2163244	.000091	28.33199
#3	.3412198	1.134484	.0134644	.000021	.3512582	-.005136	28.37742

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.080422	.2181779	-.001839	.0002871	15.36090	.7470714	.0004149
Stddev	.030616	.0018808	.000609	.0002169	.02695	.0038819	.0006452
%RSD	38.06981	.8620524	33.13163	75.52878	.1754495	.5196216	155.5095

#1	-.072645	.2169035	-.002125	.0002360	15.33711	.7443622	.0009690
#2	-.054443	.2172922	-.002252	.0001004	15.35543	.7453332	-.000293
#3	-.114176	.2203380	-.001139	.0005249	15.39017	.7515186	.000569

Sample Name: K5066-07DL2X4 Acquired: 10/07/2019 13:30:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAG2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0475429	-.002032	.0075096
Stddev	.0012381	.000190	.0000403
%RSD	2.604236	9.337496	.5359826

#1	.0489069	-.002131	.0075392
#2	.0464900	-.002152	.0074638
#3	.0472317	-.001813	.0075259

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1620.982	3026.888	37898.14	7227.472	3117.486
Stddev	10.978	4.032	110.73	44.280	4.320
%RSD	.6772184	.1332013	.2921840	.6126572	.1385778

#1	1615.479	3024.837	37921.11	7255.303	3114.103
#2	1633.622	3024.293	37995.58	7250.701	3116.004
#3	1613.844	3031.533	37777.72	7176.411	3122.353

Sample Name: K5101-09 Acquired: 10/07/2019 13:43:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B35D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0406402	.0080086	.1315191	-.001241	.0019718	75.27742	.3258479
Stddev	.0065550	.0019388	.0015401	.003726	.0014707	.24064	.0013913
%RSD	16.12930	24.20901	1.170967	300.3770	74.58799	.3196648	.4269816

#1	.0332469	.0080513	.1297579	-.000716	.0023707	75.05157	.3247368
#2	.0457413	.0060488	.1321865	.002196	.0032019	75.25015	.3253985
#3	.0429325	.0099257	.1326128	-.005201	.0003428	75.53052	.3274083

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039090	.0005759	2.806563	.0843517	.0443054	.0636719	98.41648
Stddev	.0000733	.0000611	.044633	.0007812	.0003608	.0030859	.33150
%RSD	1.876517	10.61747	1.590303	.9261015	.8142441	4.846515	.3368351

#1	.0038244	.0005053	2.840857	.0837830	.0440296	.0645320	98.19703
#2	.0039474	.0006113	2.756098	.0840297	.0447137	.0602472	98.25459
#3	.0039551	.0006111	2.822732	.0852424	.0441729	.0662365	98.79782

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6304689	7.775770	.0907111	-.000581	-.373442	.1445178	.4909870
Stddev	.0035831	.078819	.0007077	.000127	.170829	.0029370	.0042838
%RSD	.5683260	1.013648	.7802058	21.80430	45.74446	2.032269	.8724845

#1	.6282755	7.793714	.0898939	-.000439	-.249272	.1411952	.4860436
#2	.6285274	7.689526	.0911185	-.000622	-.568263	.1467676	.4936109
#3	.6346037	7.844069	.0911210	-.000683	-.302790	.1455906	.4933064

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.984921	1.244709	.0102403	.0039916	.5729775	1.698503	.0044035
Stddev	.029142	.013358	.0007110	.0004900	.0026425	.008347	.0010427
%RSD	.9763219	1.073159	6.942741	12.27595	.4611910	.4914312	23.67907

#1	2.951283	1.259656	.0098995	.0036269	.5699265	1.692663	.0039924
#2	3.002555	1.240532	.0097640	.0045486	.5745392	1.694782	.0055891
#3	3.000925	1.233938	.0110575	.0037993	.5744668	1.708063	.0036290

Sample Name: K5101-09 Acquired: 10/07/2019 13:43:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B35D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2651325	.0557038	.0284574
Stddev	.0012318	.0010340	.0000856
%RSD	.4645956	1.856164	.3007655

#1	.2665515	.0568875	.0284181
#2	.2643390	.0552466	.0285556
#3	.2645069	.0549773	.0283986

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1706.312	3177.567	39921.57	7675.061	3086.246
Stddev	5.378	7.209	373.01	46.954	4.831
%RSD	.3151561	.2268675	.9343445	.6117796	.1565415

#1	1704.731	3184.163	39689.13	7675.922	3091.725
#2	1712.303	3178.667	40351.82	7721.580	3084.414
#3	1701.902	3169.872	39723.78	7627.683	3082.598

Sample Name: K5101-10 Acquired: 10/07/2019 13:47:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B35S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1160890	.1253437	.1729214	.0947237	.0427607	79.69114	4.918720
Stddev	.0003352	.0016543	.0011022	.0024638	.0011296	.16676	.010038
%RSD	.2887805	1.319843	.6374302	2.601010	2.641664	.2092601	.2040731

#1	.1160533	.1272267	.1741725	.0963603	.0424329	79.51952	4.913010
#2	.1157729	.1241235	.1720934	.0918901	.0440180	79.70133	4.930310
#3	.1164406	.1246810	.1724982	.0959205	.0418313	79.85257	4.912840

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1102154	.1132876	2.733745	.5519923	1.182025	.5232865	98.24610
Stddev	.0007566	.0001994	.021046	.0022091	.001763	.0025492	.21027
%RSD	.6864553	.1760399	.7698682	.4002120	.1491915	.4871504	.2140280

#1	.1105270	.1132947	2.709867	.5495009	1.181840	.5203505	98.00624
#2	.1093528	.1130848	2.741771	.5537125	1.180361	.5245716	98.33339
#3	.1107664	.1134834	2.749598	.5527635	1.183873	.5249374	98.39866

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.960292	7.839770	1.263213	.1101157	-.117049	1.253583	1.488885
Stddev	.003336	.054884	.003989	.0004057	.238429	.000952	.007044
%RSD	.1701838	.7000690	.3158134	.3684575	203.7007	.0759051	.4731360

#1	1.956773	7.776822	1.261972	.1097662	-.344664	1.252855	1.489433
#2	1.963409	7.864885	1.259992	.1105606	.130893	1.253234	1.495639
#3	1.960692	7.877603	1.267676	.1100203	-.137375	1.254660	1.481582

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.108540	1.198395	.0111720	.0042193	.5540129	1.800551	.0061600
Stddev	.043582	.006126	.0003384	.0002813	.0011437	.013727	.0005254
%RSD	1.402009	.5112143	3.028864	6.668268	.2064331	.7624004	8.528888

#1	3.151299	1.203324	.0115366	.0045400	.5549184	1.804128	.0066226
#2	3.110143	1.191536	.0108680	.0041037	.5543926	1.785390	.0062686
#3	3.064179	1.200326	.0111116	.0040141	.5527277	1.812137	.0055888

Sample Name: K5101-10 Acquired: 10/07/2019 13:47:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B35S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2360460	.0539911	.0305348
Stddev	.0004643	.0029512	.0001364
%RSD	.1967034	5.466093	.4467574

#1	.2364610	.0515981	.0304502
#2	.2355445	.0572888	.0304621
#3	.2361324	.0530865	.0306922

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1714.261	3169.882	40131.86	7711.340	3080.189
Stddev	11.986	5.800	212.10	20.994	6.247
%RSD	.6991727	.1829683	.5285045	.2722486	.2028130

#1	1702.603	3164.726	40299.00	7717.086	3076.045
#2	1713.632	3176.161	39893.26	7728.862	3087.375
#3	1726.549	3168.758	40203.33	7688.071	3077.149

Sample Name: CCB091 Acquired: 10/07/2019 13:39:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB091 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005609	.0001828	.0031524	.0018898	-.001683	.0246843	.0007055
Stddev	.0022874	.0018106	.0010570	.0026445	.001399	.0110282	.0001994
%RSD	407.8205	990.4241	33.53083	139.9343	83.12321	44.67699	28.26466

#1	.0031952	-.000928	.0042756	-.001157	-.003192	.0365772	.0009235
#2	-.000589	-.000795	.0030044	.003587	-.001428	.0226799	.0005323
#3	-.000923	.002272	.0021771	.003240	-.000429	.0147957	.0006608

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000491	.0000214	.0252716	.0006095	.0000354	.0061582	.0395422
Stddev	.0000444	.0000516	.0102820	.0002985	.0002786	.0008774	.0087423
%RSD	90.54400	240.7168	40.68608	48.96531	786.3556	14.24830	22.10876

#1	.0000603	-.000037	.0329868	.0003217	-.000261	.0069999	.0482646
#2	.0000001	.000039	.0135988	.0009176	.000074	.0062259	.0395819
#3	.0000868	.000062	.0292291	.0005893	.000293	.0052489	.0307802

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010183	.0399280	-.000546	.0001525	-.183656	-.002568	.0022564
Stddev	.0007690	.0254047	.000207	.0001885	.509445	.001732	.0002732
%RSD	75.52017	63.62629	37.91092	123.6356	277.3904	67.43030	12.10721

#1	.0019058	.0687247	-.000314	-.000056	-.693768	-.004559	.0020509
#2	.0005996	.0303739	-.000711	.000202	.325119	-.001726	.0025664
#3	.0005495	.0206856	-.000614	.000311	-.182321	-.001418	.0021518

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0344446	-.000112	.0077038	.0007047	.0012603	-.000711	-.000367
Stddev	.0234442	.001736	.0007211	.0004492	.0021410	.000484	.000269
%RSD	68.06331	1553.891	9.360899	63.74390	169.8752	68.02172	73.50305

#1	.0297817	.001873	.0080273	.0009988	-.001206	-.001258	-.000085
#2	.0136823	-.000860	.0082065	.0009278	.002642	-.000340	-.000393
#3	.0598699	-.001348	.0068775	.0001876	.002346	-.000535	-.000622

Sample Name: CCB091 Acquired: 10/07/2019 13:39:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB091 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0017958	.0029645	.0004770
Stddev	.0020681	.0013231	.0001206
%RSD	115.1664	44.63120	25.27921

#1	.0036697	.0015511	.0006149
#2	.0021408	.0031691	.0004250
#3	-.000423	.0041734	.0003911

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1623.173	3004.461	37849.70	7161.713	3093.601
Stddev	1.093	8.211	169.32	66.523	4.525
%RSD	.0673541	.2733033	.4473383	.9288705	.1462670

#1	1623.229	3000.455	38010.33	7086.055	3094.069
#2	1624.237	2999.021	37865.92	7211.040	3088.860
#3	1622.053	3013.906	37672.86	7188.045	3097.874

Sample Name: K5101-08LX5 Acquired: 10/07/2019 13:51:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B35L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107120	.0014751	.0242427	-.003769	-.003202	13.88284	.0609372
Stddev	.0009948	.0016783	.0012000	.002057	.000658	.05385	.0010957
%RSD	9.286760	113.7736	4.949746	54.56824	20.55366	.3879237	1.798025

#1	.0111255	.0020787	.0255106	-.003324	-.003466	13.92987	.0615040
#2	.0095771	-.000422	.0231248	-.006011	-.002453	13.89455	.0616333
#3	.0114333	.002768	.0240925	-.001971	-.003687	13.82409	.0596742

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008074	.0000195	.5104245	.0155995	.0076307	.0143676	18.63084
Stddev	.0000187	.0000815	.0093466	.0001040	.0004284	.0020619	.08906
%RSD	2.311140	417.5298	1.831135	.6663401	5.613997	14.35080	.4779991

#1	.0007879	.0000897	.5211388	.0156629	.0071838	.0141376	18.70443
#2	.0008251	-.000070	.5061902	.0156560	.0076705	.0165348	18.65626
#3	.0008092	.000039	.5039445	.0154795	.0080378	.0124303	18.53184

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1177088	1.440759	.0159712	-.000449	-.178520	.0287981	.0910826
Stddev	.0006966	.037597	.0003212	.000067	.365266	.0027650	.0008716
%RSD	.5918277	2.609500	2.011054	14.96871	204.6085	9.601409	.9569754

#1	.1184791	1.401283	.0160715	-.000508	-.446076	.0265598	.0905804
#2	.1171228	1.476141	.0156119	-.000376	.237623	.0318890	.0920891
#3	.1175246	1.444854	.0162303	-.000463	-.327106	.0279455	.0905783

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5641711	.2273533	.0003812	.0006072	.1027368	.3127301	.0002407
Stddev	.0505284	.0025841	.0003956	.0001881	.0065742	.0017153	.0010219
%RSD	8.956217	1.136598	103.7768	30.97924	6.399082	.5484931	424.5315

#1	.5072073	.2277436	.0000902	.0006712	.0958660	.3132759	.0005054
#2	.5817235	.2245963	.0002218	.0003954	.1089676	.3141062	.0011042
#3	.6035827	.2297201	.0008316	.0007549	.1033768	.3108084	-.000887

Sample Name: K5101-08LX5 Acquired: 10/07/2019 13:51:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B35L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0494675	.0114037	.0052758
Stddev	.0006999	.0018720	.0000728
%RSD	1.414903	16.41550	1.379899

#1	.0499098	.0131331	.0052109
#2	.0486605	.0094160	.0053545
#3	.0498321	.0116621	.0052619

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1656.288	3062.035	38623.50	7362.510	3112.630
Stddev	7.483	7.582	183.50	91.490	9.452
%RSD	.4518073	.2476202	.4751024	1.242643	.3036819

#1	1649.663	3064.899	38419.33	7279.444	3115.247
#2	1664.405	3067.768	38676.50	7347.516	3120.499
#3	1654.797	3053.438	38774.67	7460.571	3102.145

Sample Name: K5101-11 Acquired: 10/07/2019 13:55:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B36 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0269833	.0031276	.0967355	.0019973	.0009538	86.91286	.3138761
Stddev	.0020801	.0010132	.0012478	.0029552	.0008972	.20643	.0022539
%RSD	7.708844	32.39568	1.289912	147.9596	94.06381	.2375164	.7180846

#1	.0289396	.0019708	.0957712	.0053780	.0007744	87.15078	.3158224
#2	.0247983	.0035544	.0981448	.0007090	.0001599	86.80658	.3114066
#3	.0272119	.0038576	.0962904	-.000095	.0019271	86.78122	.3143993

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042152	-.000608	1.178144	.0980679	.0535326	.0832291	121.4796
Stddev	.0000370	.000101	.037054	.0004246	.0002499	.0015671	.3937
%RSD	.8771548	16.53839	3.145093	.4329853	.4668558	1.882810	.3240907

#1	.0042345	-.000691	1.219909	.0980330	.0535839	.0845920	121.9295
#2	.0041726	-.000637	1.149215	.0976619	.0537529	.0835785	121.1979
#3	.0042385	-.000496	1.165310	.0985089	.0532610	.0815169	121.3114

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5884078	9.104720	.1816485	-.000329	-.117783	.1891556	.3736241
Stddev	.0022172	.024881	.0005960	.000309	.102908	.0004525	.0052350
%RSD	.3768155	.2732744	.3281284	94.09231	87.37126	.2392072	1.401137

#1	.5906867	9.121075	.1813751	-.000021	.000993	.1886347	.3676936
#2	.5862579	9.117000	.1812383	-.000326	-.180225	.1894509	.3755761
#3	.5882788	9.076087	.1823322	-.000640	-.174116	.1893811	.3776027

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.997488	.8711567	.0054293	.0041873	.4066867	1.759286	.0065159
Stddev	.036036	.0051647	.0003332	.0004390	.0056880	.012894	.0001963
%RSD	.9014735	.5928603	6.136829	10.48340	1.398625	.7329161	3.013171

#1	3.956694	.8691443	.0052096	.0040675	.4022630	1.767830	.0066370
#2	4.010777	.8673012	.0052657	.0038206	.4046941	1.765575	.0062894
#3	4.024993	.8770248	.0058126	.0046737	.4131029	1.744455	.0066213

Sample Name: K5101-11 Acquired: 10/07/2019 13:55:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B36 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2892196	.0643100	.0282731
Stddev	.0002013	.0006509	.0002164
%RSD	.0696062	1.012092	.7652248

#1	.2889872	.0644450	.0284287
#2	.2893310	.0636022	.0283645
#3	.2893406	.0648828	.0280260

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1745.696	3228.746	40700.82	7818.016	3083.020
Stddev	17.881	4.046	209.64	19.440	5.244
%RSD	1.024297	.1253125	.5150724	.2486610	.1700982

#1	1766.330	3232.873	40920.66	7795.653	3084.791
#2	1736.040	3228.580	40678.65	7827.511	3087.148
#3	1734.720	3224.786	40503.15	7830.884	3077.119

Sample Name: K5101-13 Acquired: 10/07/2019 14:03:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B38 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0400567	.0125902	.3018053	-.005936	.0033272	123.6673	.4789170
Stddev	.0028277	.0022278	.0021515	.006218	.0010892	.7748	.0021488
%RSD	7.059110	17.69472	.7128894	104.7480	32.73735	.6265100	.4486728

#1	.0431293	.0133288	.2997489	-.010183	.0036309	122.9929	.4767609
#2	.0375638	.0143549	.3016261	-.008825	.0042324	123.4954	.4789318
#3	.0394770	.0100869	.3040408	.001201	.0021184	124.5136	.4810584

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094276	.0007387	4.533093	.1938881	.1057354	.2272594	336.1352
Stddev	.0001204	.0000931	.169620	.0007173	.0004227	.0013590	2.0969
%RSD	1.277135	12.60832	3.741810	.3699308	.3997883	.5980015	.6238229

#1	.0093376	.0007246	4.389072	.1931406	.1055879	.2260203	334.8316
#2	.0093808	.0006534	4.490149	.1939531	.1054063	.2270450	335.0199
#3	.0095643	.0008381	4.720057	.1945707	.1062121	.2287129	338.5540

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.493916	18.23827	.2524900	-.001122	-.580265	.2754555	1.202759
Stddev	.012420	.09602	.0002054	.000319	.074618	.0019760	.009316
%RSD	.8313465	.5264608	.0813543	28.45728	12.85929	.7173506	.7745242

#1	1.490144	18.23183	.2526621	-.000971	-.642099	.2775516	1.210552
#2	1.483820	18.14563	.2522626	-.000907	-.497384	.2751881	1.205284
#3	1.507784	18.33734	.2525452	-.001489	-.601313	.2736268	1.192441

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.617650	1.917010	.0221238	.0043764	.9894199	1.914560	.0143554
Stddev	.091192	.007644	.0017873	.0005619	.0077985	.017837	.0022658
%RSD	1.197109	.3987659	8.078621	12.83977	.7881839	.9316307	15.78384

#1	7.538660	1.909571	.0229743	.0037409	.9834426	1.909539	.0164878
#2	7.596842	1.924845	.0200701	.0045805	.9865759	1.899772	.0146020
#3	7.717447	1.916613	.0233270	.0048077	.9982412	1.934369	.0119763

Sample Name: K5101-13 Acquired: 10/07/2019 14:03:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B38 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2544128	.0951221	.0519069
Stddev	.0017555	.0020223	.0002099
%RSD	.6900322	2.126040	.4044530

#1	.2541523	.0929870	.0517188
#2	.2528021	.0953706	.0518684
#3	.2562840	.0970088	.0521334

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1689.130	3155.668	39607.45	7680.964	3028.564
Stddev	6.016	3.090	151.89	48.968	3.616
%RSD	.3561302	.0979264	.3834911	.6375181	.1193856

#1	1687.086	3152.178	39749.60	7713.738	3025.916
#2	1684.403	3156.766	39625.35	7704.479	3032.684
#3	1695.901	3158.059	39447.41	7624.674	3027.092

Sample Name: K5101-12 Acquired: 10/07/2019 13:59:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B37 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1069880	.0047947	1.222643	.0011193	.0014856	84.18327	.9976985
Stddev	.0019220	.0025482	.004355	.0046263	.0015716	.22776	.0031495
%RSD	1.796452	53.14688	.3561878	413.3211	105.7876	.2705573	.3156781

#1	.1078107	.0051818	1.221899	.0064567	-.000329	83.92935	.9940623
#2	.1047916	.0020750	1.218709	-.001357	.002368	84.25090	.9995722
#3	.1083616	.0071272	1.227323	-.001742	.002417	84.36956	.9994611

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061706	.0073166	14.73308	.1176084	.0736281	.6581308	168.6377
Stddev	.0000468	.0001406	.06688	.0004975	.0003410	.0019633	.6162
%RSD	.7589122	1.922165	.4539324	.4230031	.4631443	.2983201	.3653722

#1	.0061187	.0073568	14.65613	.1170359	.0740218	.6560875	167.9324
#2	.0061834	.0074327	14.77718	.1179353	.0734298	.6600030	168.9092
#3	.0062097	.0071602	14.76593	.1178540	.0734326	.6583019	169.0715

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.492052	9.617240	.1365071	.0006915	.0066208	.1870931	2.265515
Stddev	.011220	.028648	.0006552	.0000195	.2194057	.0016468	.021751
%RSD	.4502505	.2978819	.4799963	2.820622	3313.872	.8801758	.9600835

#1	2.481047	9.585680	.1369953	.0007018	.2551953	.1866544	2.244795
#2	2.491633	9.641603	.1357625	.0007037	-.075276	.1889148	2.263583
#3	2.503476	9.624437	.1367636	.0006690	-.160057	.1857101	2.288168

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.292494	3.153106	.0138085	.0063273	1.810833	1.899862	.0673527
Stddev	.059342	.022316	.0012362	.0002900	.003291	.008367	.0006345
%RSD	1.382471	.7077601	8.952235	4.583576	.1817261	.4404101	.9420032

#1	4.234578	3.146793	.0126680	.0062521	1.810645	1.897457	.0679013
#2	4.289737	3.134626	.0136356	.0066475	1.807640	1.909169	.0666579
#3	4.353167	3.177899	.0151221	.0060822	1.814213	1.892961	.0674988

Sample Name: K5101-12 Acquired: 10/07/2019 13:59:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B37 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3380168	.0647085	.0909116
Stddev	.0021844	.0004906	.0001596
%RSD	.6462351	.7582225	.1755277

#1	.3387117	.0641991	.0909379
#2	.3355696	.0651779	.0907406
#3	.3397693	.0647485	.0910565

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1743.091	3223.702	40895.37	7883.839	3068.224
Stddev	7.695	4.877	106.79	17.413	2.184
%RSD	.4414460	.1512809	.2611399	.2208668	.0711777

#1	1746.463	3228.736	41018.52	7888.601	3068.544
#2	1748.524	3223.371	40828.31	7898.376	3070.231
#3	1734.286	3218.999	40839.28	7864.541	3065.898

Sample Name: K5101-14 Acquired: 10/07/2019 14:07:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B39 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1185460	.0085362	.8211985	-.000943	.0040218	84.43143	1.259432
Stddev	.0026882	.0019833	.0016698	.002852	.0011152	.16622	.006501
%RSD	2.267666	23.23369	.2033401	302.4222	27.72826	.1968709	.5161940

#1	.1157165	.0063778	.8193588	.001483	.0032243	84.30956	1.254210
#2	.1188552	.0089525	.8226182	-.004085	.0052962	84.36395	1.257372
#3	.1210662	.0102783	.8216185	-.000227	.0035451	84.62078	1.266713

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079072	.0054279	28.71335	.1033505	.1017044	.1851726	282.6719
Stddev	.0000731	.0000950	.13381	.0004191	.0004533	.0010526	1.0876
%RSD	.9240430	1.749319	.4660111	.4054901	.4457307	.5684563	.3847590

#1	.0079899	.0054982	28.85595	.1033506	.1020096	.1854060	281.9837
#2	.0078513	.0053199	28.59054	.1037695	.1011835	.1860890	282.1063
#3	.0078804	.0054657	28.69354	.1029313	.1019201	.1840229	283.9258

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.651593	11.23906	.1707261	.0002162	2.013750	.1952184	2.157878
Stddev	.014322	.02084	.0018223	.0002304	.355408	.0036762	.005462
%RSD	.3078917	.1854447	1.067352	106.5548	17.64906	1.883133	.2531328

#1	4.642919	11.23471	.1715899	.0000868	1.785039	.1909736	2.151695
#2	4.643736	11.22074	.1686325	.0000796	2.423204	.1973761	2.162048
#3	4.668124	11.26174	.1719558	.0004822	1.833008	.1973054	2.159891

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.153492	3.627559	.0256685	.0079162	2.936210	3.359426	.0298113
Stddev	.071468	.016593	.0032689	.0003676	.021035	.013785	.0010220
%RSD	1.720670	.4574187	12.73506	4.643915	.7164144	.4103271	3.428138

#1	4.074370	3.616961	.0219875	.0083275	2.930230	3.373976	.0287239
#2	4.213362	3.619033	.0267857	.0078014	2.918813	3.346561	.0307520
#3	4.172744	3.646681	.0282323	.0076197	2.959588	3.357740	.0299581

Sample Name: K5101-14 Acquired: 10/07/2019 14:07:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B39 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4025936	.0667298	.1258122
Stddev	.0026417	.0006369	.0003322
%RSD	.6561695	.9545171	.2640567

#1	.3998351	.0666501	.1255185
#2	.4028453	.0661364	.1257454
#3	.4051005	.0674028	.1261728

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1739.541	3245.478	40828.04	7862.388	3032.587
Stddev	12.226	4.610	200.00	13.275	3.373
%RSD	.7028476	.1420569	.4898713	.1688364	.1112170

#1	1749.815	3241.495	41047.00	7876.976	3034.858
#2	1726.018	3250.528	40654.97	7859.168	3034.191
#3	1742.789	3244.409	40782.14	7851.019	3028.711

Sample Name: K5101-15 Acquired: 10/07/2019 14:11:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B40 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0942901	.0049825	.6633455	-.004108	.0012229	74.32550	1.116972
Stddev	.0083076	.0022129	.0021578	.000521	.0023459	.22012	.002861
%RSD	8.810631	44.41289	.3252949	12.68642	191.8275	.2961552	.2561755

#1	.0992405	.0057112	.6642156	-.004324	.0012173	74.21959	1.118437
#2	.0846990	.0024972	.6608885	-.003513	-.001120	74.17835	1.113675
#3	.0989308	.0067391	.6649324	-.004485	.003572	74.57855	1.118805

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062639	.0044230	22.36305	.0994079	.0881257	.1442877	215.9122
Stddev	.0000721	.0000468	.12748	.0005127	.0005600	.0018894	.7543
%RSD	1.151758	1.057704	.5700671	.5157356	.6354876	1.309467	.3493620

#1	.0063051	.0043722	22.42032	.0988303	.0877075	.1464546	215.6344
#2	.0061806	.0044643	22.21697	.0995840	.0887619	.1429847	215.3362
#3	.0063060	.0044324	22.45185	.0998093	.0879075	.1434239	216.7660

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.518955	9.160548	.1372491	.0000812	1.831948	.1737449	1.823806
Stddev	.011563	.030674	.0001371	.0002283	.155912	.0011845	.012907
%RSD	.2558861	.3348456	.0998968	281.1721	8.510719	.6817180	.7076716

#1	4.516011	9.185190	.1370979	.0000610	2.006345	.1723778	1.808904
#2	4.509149	9.126194	.1372838	-.000136	1.783448	.1743939	1.831166
#3	4.531706	9.170260	.1373655	.000319	1.706050	.1744630	1.831350

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.394188	2.823888	.0203410	.0061004	2.622459	1.400717	.0228057
Stddev	.043399	.004271	.0047072	.0003081	.015225	.009135	.0002247
%RSD	1.278630	.1512439	23.14133	5.051343	.5805780	.6521569	.9852346

#1	3.388967	2.828801	.0150402	.0060034	2.633290	1.409744	.0230026
#2	3.353635	2.821800	.0240325	.0058525	2.605051	1.391478	.0225609
#3	3.439961	2.821062	.0219503	.0064454	2.629037	1.400929	.0228534

Sample Name: K5101-15 Acquired: 10/07/2019 14:11:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B40 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3306492	.0553238	.1127652
Stddev	.0021837	.0009270	.0002828
%RSD	.6604281	1.675567	.2507602

#1	.3297707	.0544636	.1128750
#2	.3290416	.0563056	.1124440
#3	.3331354	.0552022	.1129766

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1735.756	3222.977	40824.96	7912.375	3059.566
Stddev	7.775	5.222	221.25	65.394	4.120
%RSD	.4479490	.1620361	.5419421	.8264751	.1346493

#1	1731.901	3218.998	40647.97	7839.574	3058.556
#2	1730.662	3228.891	40753.91	7966.136	3064.096
#3	1744.706	3221.043	41073.00	7931.415	3056.045

Sample Name: K5101-16 Acquired: 10/07/2019 14:15:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B41 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .1781138	k -.066803	k .5678924	k -.096800	k .0088174	k 111.9335
Stddev	.0027636	.003724	.0029040	.006298	.0016874	.1003
%RSD	1.551618	5.574912	.5113718	6.506130	19.13666	.0895940

#1	k .1749271	k -.071097	k .5710842	k -.090319	k .0076736	k 112.0145
#2	k .1795622	k -.064863	k .5654062	k -.102898	k .0080232	k 111.8213
#3	k .1798523	k -.064450	k .5671868	k -.097184	k .0107553	k 111.9645

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.360268	.0206613	k .0232391	^ *****	k .1992862	.3928877
Stddev	.004286	.0000954	.0001445	-----	.0007559	.0006298
%RSD	.3150739	.4617466	.6216133	-----	.3793198	.1602923

#1	1.362373	.0207446	k .0233573	^ -----	k .2001236	.3928282
#2	1.355337	.0206821	k .0230781	^ -----	k .1986541	.3935451
#3	1.363095	.0205572	k .0232818	^ -----	k .1990809	.3922897

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .2927532	k 650.9753	23.49292	16.66199	.2715456	k -.031358
Stddev	.0029368	1.4372	.05851	.05036	.0012872	.000208
%RSD	1.003160	.2207778	.2490637	.3022417	.4740125	.6642074

#1	k .2954396	k 651.3933	23.51148	16.67515	.2707768	k -.031244
#2	k .2896178	k 649.3755	23.42738	16.60637	.2708284	k -.031599
#3	k .2932022	k 652.1572	23.53990	16.70447	.2730316	k -.031232

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 2.319361	k .3275865	k 2.048266	7.398280	k 7.852162	kF -1.52187
Stddev	.120623	.0014842	.028198	.026737	.026535	.01177
%RSD	5.200701	.4530682	1.376682	.3613913	.3379349	.7732995

#1	k 2.303620	k .3281246	k 2.016493	7.428200	k 7.838482	k -1.53491
#2	k 2.207382	k .3287266	k 2.070317	7.389915	k 7.835258	k -1.51204
#3	k 2.447082	k .3259083	k 2.057989	7.376727	k 7.882746	k -1.51867

Sample Name: K5101-16 Acquired: 10/07/2019 14:15:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B41 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0430045	3.076202	1.735860	.0236283	.3231410	.1011491
Stddev	.0009322	.012361	.019941	.0005835	.0010371	.0005100
%RSD	2.167706	.4018135	1.148743	2.469297	.3209448	.5041614
#1	.0440408	3.083728	1.758872	.0241667	.3243093	.1013644
#2	.0422342	3.061936	1.723695	.0230084	.3223289	.1015162
#3	.0427384	3.082942	1.725011	.0237099	.3227850	.1005669

Elem	Sr4077
Units	ppm
Avg	.1696331
Stddev	.0004150
%RSD	.2446633
#1	.1699850
#2	.1691755
#3	.1697389

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1781.983	3306.346	42046.96	8128.244	2999.763
Stddev	16.775	3.625	182.24	34.785	.830
%RSD	.9413465	.1096407	.4334101	.4279552	.0276833
#1	1800.824	3302.257	42248.80	8089.951	3000.615
#2	1768.671	3309.167	41894.51	8157.890	2998.955
#3	1776.454	3307.613	41997.59	8136.891	2999.719

Sample Name: K5101-19 Acquired: 10/07/2019 14:27:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B44 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0838669	.0057206	.4021541	.0021709	.0037500	94.21217	.6182388
Stddev	.0033531	.0007270	.0012727	.0020513	.0016269	.24050	.0003973
%RSD	3.998139	12.70867	.3164684	94.48865	43.38285	.2552704	.0642685

#1	.0853411	.0063694	.4017689	.0016391	.0020689	93.94422	.6180213
#2	.0800293	.0058575	.4035749	.0044357	.0053165	94.28296	.6179977
#3	.0862305	.0049348	.4011186	.0004379	.0038646	94.40932	.6186974

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049639	.0052293	158.9880	.1117619	.0592069	.3672732	180.9905
Stddev	.0000952	.0000269	.5125	.0009028	.0000646	.0009135	.6606
%RSD	1.917598	.5152530	.3223295	.8077647	.1091303	.2487248	.3650149

#1	.0048970	.0052585	158.4011	.1128029	.0592257	.3674244	180.2452
#2	.0050729	.0052054	159.2161	.1111940	.0591349	.3681017	181.5042
#3	.0049219	.0052241	159.3468	.1112887	.0592600	.3662936	181.2219

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.546067	11.56239	.1230973	.0033742	.1475257	.2160888	1.274231
Stddev	.007627	.04463	.0005311	.0004090	.0962377	.0015003	.006035
%RSD	.4933483	.3859707	.4314265	12.12117	65.23456	.6943227	.4735877

#1	1.538813	11.51451	.1227473	.0034733	.2583608	.2161668	1.267458
#2	1.554020	11.60282	.1237084	.0029247	.0851527	.2145510	1.276197
#3	1.545369	11.56983	.1228363	.0037245	.0990634	.2175486	1.279037

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.212992	2.983909	.0183777	.0063436	2.488945	2.052830	.0117910
Stddev	.028236	.016448	.0008900	.0006919	.009185	.002586	.0009000
%RSD	.4544620	.5512253	4.842880	10.90683	.3690331	.1259519	7.632658

#1	6.210498	2.969511	.0192757	.0071319	2.489495	2.053656	.0121646
#2	6.242392	2.980381	.0183614	.0058369	2.479498	2.054901	.0107644
#3	6.186086	3.001835	.0174959	.0060621	2.497843	2.049932	.0124440

Sample Name: K5101-19 Acquired: 10/07/2019 14:27:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B44 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3528570	.0718870	.2213924
Stddev	.0013111	.0015064	.0005170
%RSD	.3715781	2.095439	.2335118

#1	.3516684	.0718567	.2207958
#2	.3526392	.0703961	.2217082
#3	.3542634	.0734083	.2216731

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1645.263	3056.538	38631.08	7559.771	2986.122
Stddev	4.700	1.503	83.77	15.372	3.759
%RSD	.2856509	.0491838	.2168418	.2033385	.1258659

#1	1644.728	3056.868	38587.03	7573.490	2989.327
#2	1650.207	3054.897	38578.54	7562.667	2987.054
#3	1640.853	3057.848	38727.68	7543.158	2981.985

Sample Name: K5101-18 Acquired: 10/07/2019 14:23:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B43 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0633890	.0117223	.1786963	-.009540	.0045110	115.8275	.7799728
Stddev	.0047254	.0016905	.0005419	.004857	.0011986	.3635	.0024330
%RSD	7.454541	14.42137	.3032278	50.90869	26.57055	.3138320	.3119375

#1	.0670977	.0105209	.1784114	-.008072	.0058880	115.4338	.7772676
#2	.0580687	.0109905	.1793211	-.005586	.0037019	115.8984	.7819820
#3	.0650008	.0136554	.1783562	-.014961	.0039430	116.1503	.7806687

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0139321	-.003037	19.45421	.1455915	.2111596	.2429493	372.9846
Stddev	.0000990	.000069	.23979	.0003419	.0004949	.0048235	2.4871
%RSD	.7107237	2.263383	1.232577	.2348610	.2343761	1.985385	.6668126

#1	.0138216	-.003109	19.24610	.1454423	.2114085	.2373797	370.1862
#2	.0139618	-.003030	19.40012	.1459827	.2105897	.2457471	373.8248
#3	.0140128	-.002973	19.71643	.1453496	.2114806	.2457212	374.9427

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.43029	13.84720	.2605339	-.000727	-.270053	.3109793	.5558749
Stddev	.08837	.11837	.0008731	.000304	.218668	.0039170	.0072609
%RSD	.7730917	.8548180	.3351217	41.79082	80.97239	1.259567	1.306218

#1	11.33079	13.72253	.2595428	-.000425	-.442790	.3071366	.5487502
#2	11.46047	13.86100	.2608692	-.001033	-.024194	.3149666	.5632648
#3	11.49961	13.95806	.2611896	-.000723	-.343174	.3108346	.5556097

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.792984	5.055863	.0183029	.0119705	.5361806	3.023410	.0098064
Stddev	.008673	.019608	.0059079	.0002199	.0054159	.014956	.0010948
%RSD	.0986365	.3878198	32.27867	1.837178	1.010095	.4946704	11.16362

#1	8.795475	5.075644	.0119771	.0119457	.5299276	3.017679	.0088728
#2	8.800139	5.036433	.0236776	.0117640	.5393906	3.012167	.0095351
#3	8.783338	5.055513	.0192539	.0122017	.5392237	3.040383	.0110113

Sample Name: K5101-18 Acquired: 10/07/2019 14:23:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B43 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4007894	.1067244	.1747822
Stddev	.0046305	.0005045	.0007960
%RSD	1.155337	.4727158	.4554220

#1	.3956675	.1071953	.1740892
#2	.4020216	.1067858	.1746058
#3	.4046792	.1061919	.1756516

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1744.464	3247.702	40837.72	7860.976	3010.010
Stddev	4.164	7.417	181.34	21.728	4.847
%RSD	.2386695	.2283907	.4440448	.2764055	.1610396

#1	1747.878	3244.137	40893.67	7884.461	3005.715
#2	1739.826	3256.229	40635.00	7856.879	3015.266
#3	1745.690	3242.740	40984.49	7841.588	3009.050

Sample Name: K5101-17 Acquired: 10/07/2019 14:19:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B42 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0586871	.0062156	.2182472	-.000631	.0013329	89.90042	.4764490
Stddev	.0043003	.0016014	.0014860	.005169	.0047468	.15142	.0015860
%RSD	7.327444	25.76438	.6808724	819.6196	356.1258	.1684353	.3328754

#1	.0541955	.0045010	.2181030	.002069	.0002162	89.84222	.4752276
#2	.0627663	.0076726	.2198000	.002629	.0065385	89.78673	.4758780
#3	.0590995	.0064732	.2168386	-.006590	-.002756	90.07231	.4782414

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052279	.0004036	10.84477	.0980949	.1079603	.1060761	182.1763
Stddev	.0000892	.0000486	.09444	.0003850	.0005339	.0032023	.7967
%RSD	1.706213	12.03859	.8708797	.3924359	.4945478	3.018906	.4373037

#1	.0052976	.0003648	10.83081	.0978225	.1085367	.1055918	181.4726
#2	.0051274	.0003879	10.75809	.0979270	.1074826	.1031434	182.0151
#3	.0052588	.0004581	10.94542	.0985353	.1078615	.1094930	183.0413

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.372132	9.837967	.1637541	-.000653	1.177973	.1992566	.9096422
Stddev	.010851	.030356	.0004733	.000131	.086086	.0003992	.0081498
%RSD	.4574487	.3085564	.2890529	20.02045	7.307999	.2003584	.8959287

#1	2.362848	9.863236	.1643003	-.000804	1.262740	.1997133	.9030975
#2	2.369486	9.804295	.1634979	-.000586	1.180551	.1989737	.9187707
#3	2.384061	9.846368	.1634641	-.000570	1.090626	.1990830	.9070585

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.990484	1.426877	.0119077	.0052761	.5426009	1.781960	.0117142
Stddev	.047952	.010220	.0024580	.0006735	.0065424	.021699	.0010172
%RSD	1.201665	.7162723	20.64206	12.76467	1.205741	1.217684	8.683696

#1	4.003295	1.426710	.0098033	.0057817	.5457973	1.794732	.0110246
#2	4.030730	1.437179	.0146092	.0055349	.5469306	1.756906	.0128825
#3	3.937428	1.416740	.0113105	.0045116	.5350748	1.794242	.0112356

Sample Name: K5101-17 Acquired: 10/07/2019 14:19:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B42 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3875618	.0646015	.0630986
Stddev	.0018470	.0011948	.0001879
%RSD	.4765738	1.849536	.2978306

#1	.3855897	.0636698	.0633059
#2	.3892511	.0641861	.0630503
#3	.3878447	.0659485	.0629395

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1740.171	3236.165	41038.50	7879.991	3057.181
Stddev	3.453	1.015	138.32	53.603	6.199
%RSD	.1984149	.0313574	.3370596	.6802369	.2027584

#1	1744.095	3236.726	41198.11	7874.643	3051.480
#2	1738.821	3236.776	40963.98	7936.068	3056.284
#3	1737.597	3234.994	40953.41	7829.263	3063.780

Sample Name: K5101-22 Acquired: 10/07/2019 14:39:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B47 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4923773	.0061398	1.637099	.0022762	.0053630	76.76191	2.333039
Stddev	.0010007	.0029804	.001757	.0035156	.0038276	.08806	.009545
%RSD	.2032490	48.54242	.1073020	154.4505	71.37124	.1147149	.4091085

#1	.4928933	.0084653	1.635235	.0049956	.0044146	76.85483	2.336303
#2	.4912238	.0071740	1.638724	.0035268	.0095756	76.67970	2.322291
#3	.4930147	.0027800	1.637337	-.001694	.0020987	76.75120	2.340524

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077631	.0171046	162.2406	.3627817	.0954147	.5090060	237.9011
Stddev	.0001866	.0000854	.6374	.0016752	.0000651	.0004226	.9094
%RSD	2.403485	.4994839	.3928548	.4617592	.0681838	.0830154	.3822571

#1	.0076320	.0171843	162.8846	.3630935	.0953625	.5087836	238.6335
#2	.0079767	.0171151	161.6100	.3609726	.0953940	.5094933	236.8832
#3	.0076805	.0170144	162.2274	.3642791	.0954876	.5087412	238.1866

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.945980	14.10776	.1307104	.0000947	1.756134	.1849179	4.797780
Stddev	.023576	.02138	.0004171	.0004601	.142863	.0014488	.028750
%RSD	.5974711	.1515293	.3191126	485.8085	8.135090	.7835016	.5992298

#1	3.968694	14.11860	.1307515	.0003352	1.788837	.1859986	4.767552
#2	3.921627	14.12155	.1302743	-.000436	1.879809	.1832716	4.801009
#3	3.947617	14.08314	.1311055	.000385	1.599754	.1854837	4.824779

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.707300	4.132183	.0279131	.0087953	5.934311	2.121369	.0805625
Stddev	.031760	.015699	.0049460	.0003573	.027242	.009131	.0023195
%RSD	.6747065	.3799251	17.71934	4.062802	.4590661	.4304145	2.879095

#1	4.740625	4.118419	.0233208	.0091799	5.904466	2.130184	.0785886
#2	4.703895	4.128849	.0272689	.0087325	5.940623	2.111953	.0831172
#3	4.677378	4.149282	.0331496	.0084736	5.957843	2.121971	.0799817

Sample Name: K5101-22 Acquired: 10/07/2019 14:39:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B47 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5031253	.0650794	.4589668
Stddev	.0011861	.0015621	.0007494
%RSD	.2357413	2.400256	.1632807

#1	.5035662	.0664628	.4591016
#2	.5017819	.0633853	.4596397
#3	.5040278	.0653901	.4581592

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1680.760	3120.518	39594.53	7746.521	2984.813
Stddev	11.428	2.396	97.31	39.583	3.105
%RSD	.6799192	.0767829	.2457707	.5109805	.1040129

#1	1692.798	3121.989	39569.14	7709.134	2985.260
#2	1670.060	3117.753	39512.43	7742.445	2981.510
#3	1679.421	3121.812	39702.02	7787.985	2987.671

Sample Name: CCV092 Acquired: 10/07/2019 14:47:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV092 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.934015	4.946523	24.90360	4.794247	4.991054	394.3523	10.43325
Stddev	.003013	.012749	.08083	.009758	.012357	6.9875	.04580
%RSD	.0610560	.2577466	.3245850	.2035377	.2475870	1.771900	.4389653

#1	4.932757	4.932399	24.85094	4.793722	4.977163	400.7889	10.48591
#2	4.931835	4.949986	24.86319	4.784763	4.995175	386.9206	10.41114
#3	4.937453	4.957183	24.99667	4.804258	5.000824	395.3475	10.40270

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5067745	2.465882	410.1591	15.48799	2.526071	15.24745	405.3275
Stddev	.0049173	.007961	1.6275	.03555	.008872	.01654	1.5052
%RSD	.9703201	.3228555	.3967932	.2295401	.3512254	.1084849	.3713639

#1	.5116924	2.462312	411.9708	15.49674	2.521040	15.25001	406.9769
#2	.5018578	2.460330	409.6856	15.44888	2.520858	15.26256	404.9776
#3	.5067733	2.475003	408.8209	15.51834	2.536315	15.22978	404.0281

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.20276	404.4290	2.556671	1.296842	398.2297	2.531388	14.75934
Stddev	.06303	1.1672	.010261	.004017	1.5371	.005220	.11921
%RSD	.4146101	.2885992	.4013532	.3097494	.3859819	.2062105	.8076981

#1	15.27542	405.7755	2.550993	1.294937	399.8884	2.535435	14.64044
#2	15.17000	403.7057	2.550504	1.301458	397.9476	2.533234	14.87886
#3	15.16285	403.8059	2.568516	1.294133	396.8533	2.525496	14.75872

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.9524	5.217575	5.031267	4.961860	5.030116	5.025800	5.050795
Stddev	.3508	.006335	.037158	.008367	.011840	.057407	.011600
%RSD	.2263929	.1214134	.7385379	.1686329	.2353872	1.142249	.2296671

#1	155.3361	5.210387	5.070422	4.952247	5.016606	5.078100	5.043769
#2	154.8729	5.219993	4.996495	4.967503	5.035052	4.964378	5.044430
#3	154.6481	5.222344	5.026885	4.965831	5.038689	5.034922	5.064184

Sample Name: CCV092 Acquired: 10/07/2019 14:47:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV092 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.070896	5.205889	5.020900
Stddev	.006833	.031542	.036231
%RSD	.1347425	.6058865	.7215995

#1	5.078776	5.241805	5.056566
#2	5.067311	5.193165	5.022005
#3	5.066603	5.182696	4.984129

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1378.365	2591.182	34163.00	6908.467	2475.696
Stddev	5.678	2.886	154.54	57.292	8.290
%RSD	.4119370	.1113801	.4523503	.8293033	.3348645

#1	1381.866	2592.249	34153.61	6842.315	2478.511
#2	1371.813	2593.383	34013.37	6942.109	2482.212
#3	1381.415	2587.915	34322.02	6940.977	2466.365

Sample Name: K5101-20 Acquired: 10/07/2019 14:31:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B45 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0428078	.0044426	.1027749	-.002377	.0007355	82.10340	.2916874
Stddev	.0046147	.0024779	.0008948	.002757	.0012434	.34932	.0012628
%RSD	10.78011	55.77634	.8705921	115.9975	169.0463	.4254668	.4329168

#1	.0477224	.0063666	.1031243	-.002659	-.000119	81.74478	.2908114
#2	.0385671	.0016466	.1034421	.000510	.000164	82.12282	.2911160
#3	.0421338	.0053145	.1017581	-.004981	.002162	82.44261	.2931349

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039636	-.000691	11.97471	.0885873	.0350673	.0954605	158.7006
Stddev	.0000321	.000073	.11263	.0002075	.0004864	.0032849	.9730
%RSD	.8105147	10.59964	.9405775	.2341997	1.386954	3.441101	.6131257

#1	.0039454	-.000607	11.86845	.0888264	.0348348	.0919758	157.7840
#2	.0039448	-.000725	11.96289	.0884807	.0347409	.0959054	158.5960
#3	.0040007	-.000742	12.09278	.0884548	.0356263	.0985002	159.7216

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5098300	6.643804	.0930272	.0006721	.2560201	.1862039	.2653271
Stddev	.0045662	.068987	.0011134	.0003087	.3680836	.0016215	.0026842
%RSD	.8956260	1.038371	1.196870	45.92816	143.7714	.8707942	1.011641

#1	.5057073	6.571772	.0918316	.0003669	-.166825	.1865372	.2684251
#2	.5090449	6.650361	.0932155	.0006653	.504682	.1844417	.2636961
#3	.5147378	6.709279	.0940344	.0009841	.430204	.1876328	.2638602

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.841108	.9928147	.0090993	.0040054	.3099293	2.227066	.0054353
Stddev	.030865	.0121742	.0031029	.0002851	.0065971	.008299	.0002057
%RSD	.8035338	1.226231	34.10017	7.117908	2.128575	.3726464	3.784526

#1	3.835981	.9808433	.0086176	.0041303	.3098671	2.217550	.0051999
#2	3.813128	.9924186	.0124148	.0042067	.3033635	2.230843	.0055257
#3	3.874215	1.005182	.0062654	.0036791	.3165572	2.232804	.0055803

Sample Name: K5101-20 Acquired: 10/07/2019 14:31:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B45 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2989366	.0533397	.0676656
Stddev	.0026972	.0013891	.0000648
%RSD	.9022648	2.604207	.0957726

#1	.2974618	.0528725	.0677115
#2	.2972984	.0549021	.0675914
#3	.3020497	.0522444	.0676937

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1684.396	3115.559	39275.11	7589.296	3070.395
Stddev	10.031	8.316	162.91	46.990	9.455
%RSD	.5955363	.2669236	.4147846	.6191670	.3079326

#1	1676.266	3124.311	39279.81	7597.855	3080.656
#2	1695.606	3114.603	39435.62	7631.418	3068.492
#3	1681.316	3107.762	39109.90	7538.614	3062.036

Sample Name: K5101-21 Acquired: 10/07/2019 14:35:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B46 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0349721	.0060069	.0916787	-.001889	.0015159	62.17131	.2159629
Stddev	.0008374	.0024923	.0014056	.003522	.0012158	.13865	.0019343
%RSD	2.394400	41.49145	1.533225	186.4766	80.20116	.2230070	.8956800

#1	.0349207	.0069669	.0923062	-.005920	.0009981	62.07472	.2148318
#2	.0358340	.0078765	.0900686	-.000332	.0029048	62.33017	.2181964
#3	.0341617	.0031773	.0926613	.000587	.0006447	62.10902	.2148604

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036726	-.000916	9.490272	.0684501	.0366694	.0813679	143.8767
Stddev	.0000439	.000086	.050066	.0001877	.0002413	.0019752	.7161
%RSD	1.194311	9.404106	.5275515	.2741598	.6581245	2.427542	.4977447

#1	.0037138	-.000921	9.533925	.0682625	.0369070	.0815958	143.5517
#2	.0036775	-.001000	9.501269	.0684501	.0366766	.0792885	144.6977
#3	.0036265	-.000828	9.435621	.0686378	.0364245	.0832192	143.3807

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5404140	5.116220	.0767662	-.000132	.2303983	.1498228	.2172783
Stddev	.0044150	.071908	.0002887	.000295	.1210131	.0009274	.0025570
%RSD	.8169713	1.405482	.3760737	223.7988	52.52342	.6190258	1.176827

#1	.5388422	5.042974	.0766487	.000194	.2404542	.1496997	.2167607
#2	.5453998	5.186710	.0765547	-.000379	.1046711	.1508057	.2150197
#3	.5369999	5.118977	.0770951	-.000210	.3460697	.1489631	.2200545

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.932144	.8490768	.0046764	.0041553	.2598432	3.081417	.0045767
Stddev	.069445	.0033326	.0024565	.0000689	.0014359	.029434	.0010486
%RSD	2.368406	.3924999	52.53008	1.657431	.5526125	.9551969	22.91188

#1	2.970161	.8455940	.0031740	.0042105	.2593782	3.092253	.0033715
#2	2.974280	.8522357	.0033440	.0041774	.2586973	3.103897	.0050786
#3	2.851991	.8494005	.0075113	.0040781	.2614540	3.048102	.0052801

Sample Name: K5101-21 Acquired: 10/07/2019 14:35:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B46 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2707079	.0361816	.0528157
Stddev	.0019363	.0002849	.0001080
%RSD	.7152541	.7872815	.2044478

#1	.2721298	.0359959	.0528122
#2	.2714913	.0365096	.0529253
#3	.2685028	.0360393	.0527094

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1693.144	3128.026	39471.05	7534.972	3100.436
Stddev	11.826	4.554	180.60	59.007	3.566
%RSD	.6984482	.1455817	.4575432	.7831124	.1150183

#1	1703.426	3132.902	39667.16	7565.395	3100.611
#2	1695.785	3123.883	39434.40	7466.962	3096.786
#3	1680.221	3127.294	39311.59	7572.560	3103.912

Sample Name: CCB092 Acquired: 10/07/2019 14:51:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB092 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038543	.0006583	.0016436	-.002340	.0011698	.0329580	.0010810
Stddev	.0034679	.0026934	.0008179	.002998	.0009082	.0127206	.0002814
%RSD	89.97450	409.1532	49.76452	128.1254	77.64399	38.59619	26.03198

#1	.0011754	-.000398	.0007057	-.003189	.0004245	.0449464	.0010892
#2	.0026162	-.001347	.0022085	-.004823	.0021814	.0196139	.0007955
#3	.0077713	.003720	.0020166	.000991	.0009033	.0343139	.0013581

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000857	-.000020	.0294395	.0005640	.0000333	.0047618	.0424843
Stddev	.0000347	.000067	.0138450	.0000516	.0000977	.0007227	.0159799
%RSD	40.50168	337.8683	47.02885	9.150502	293.1930	15.17684	37.61374

#1	.0001215	-.000093	.0424252	.0005843	.0000698	.0042322	.0608129
#2	.0000835	.000037	.0310221	.0006025	-.000077	.0055851	.0351647
#3	.0000521	-.000003	.0148711	.0005054	.000108	.0044681	.0314752

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015061	.0125339	-.000597	-.000138	.0908154	-.001371	.0003053
Stddev	.0000625	.0131596	.000268	.000236	.3538922	.001018	.0013546
%RSD	4.147720	104.9921	44.91184	171.0493	389.6829	74.24010	443.7035

#1	.0014384	.0180574	-.000395	.000134	-.276385	-.002197	.0012416
#2	.0015615	.0220316	-.000901	-.000291	.119135	-.001682	-.001248
#3	.0015182	-.002487	-.000494	-.000258	.429697	-.000234	.000922

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110484	-.000651	.0071079	.0006747	.0005556	-.001268	-.000347
Stddev	.0628342	.001315	.0011102	.0002642	.0028311	.001442	.001558
%RSD	568.7165	201.9437	15.61877	39.16024	509.5619	113.6622	449.0347

#1	.0763073	-.000446	.0083897	.0009755	.0035816	.000102	.000328
#2	-.049042	-.002057	.0064595	.0005681	.0001140	-.002772	.000760
#3	.005880	.000549	.0064744	.0004804	-.002029	-.001135	-.002128

Sample Name: CCB092 Acquired: 10/07/2019 14:51:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v981) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB092 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009461	.0034258	.0004156
Stddev	.0005817	.0014782	.0000883
%RSD	61.49073	43.14844	21.25191

#1	.0012655	.0026057	.0004410
#2	.0002746	.0025395	.0004884
#3	.0012981	.0051323	.0003174

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1623.268	3020.261	37834.30	7215.069	3101.501
Stddev	13.826	6.635	42.93	68.530	6.490
%RSD	.8517511	.2196865	.1134781	.9498192	.2092634

#1	1629.745	3013.381	37883.36	7137.754	3096.584
#2	1607.392	3026.621	37815.94	7268.328	3099.060
#3	1632.666	3020.781	37803.60	7239.126	3108.858