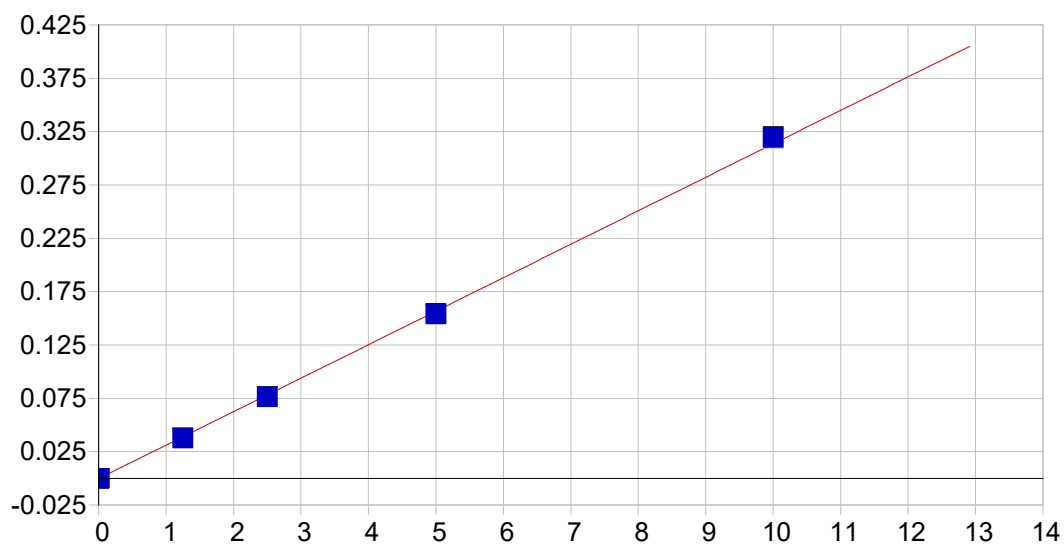


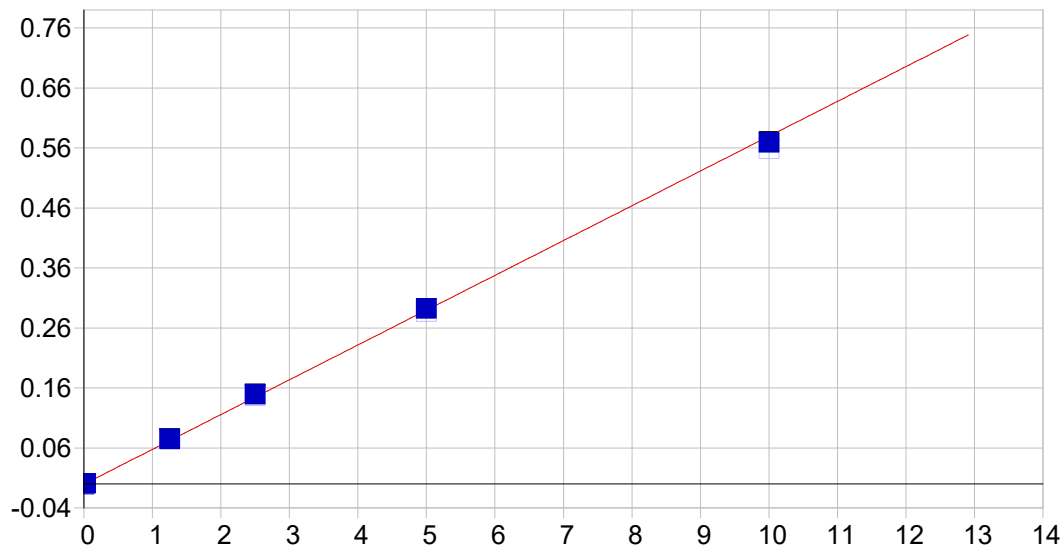


As 189.042 {479}

Date of Fit: 02/13/2020 14:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000282 Re-Slope: 1.000000
 A1 (Gain): 0.031384 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999772 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.003723
 Predicted MQL: 0.012411

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00028	.000	1
S1	.01000	.01268	.003	26.8	.00012	.000	1
S2	1.2500	1.2055	-.045	-3.56	.03746	.000	1
S3	2.5000	2.4417	-.058	-2.33	.07616	.000	1
S4	5.0000	4.9155	-.085	-1.69	.15361	.000	1
S5	10.000	10.185	.185	1.85	.31861	.001	1

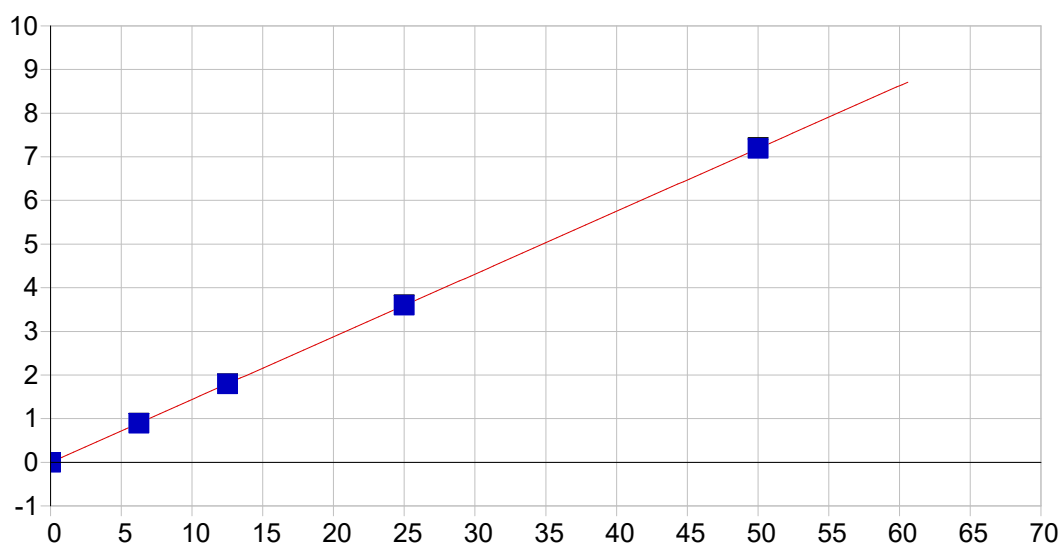


TI 190.856 {477}

Date of Fit: 02/13/2020 14:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000427 Re-Slope: 1.000000
 A1 (Gain): 0.058003 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999764 Status: OK.
 Std Error of Est: 0.000033
 Predicted MDL: 0.002053
 Predicted MQL: 0.006844

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00043	.000	1
S1	.02500	.02523	.000	.935	.00098	.000	1
S2	1.2500	1.2997	.050	3.98	.07362	.000	1
S3	2.5000	2.5860	.086	3.44	.14690	.000	1
S4	5.0000	5.0434	.043	.868	.28676	.000	1
S5	10.000	9.8206	-.179	-1.79	.55851	.002	1

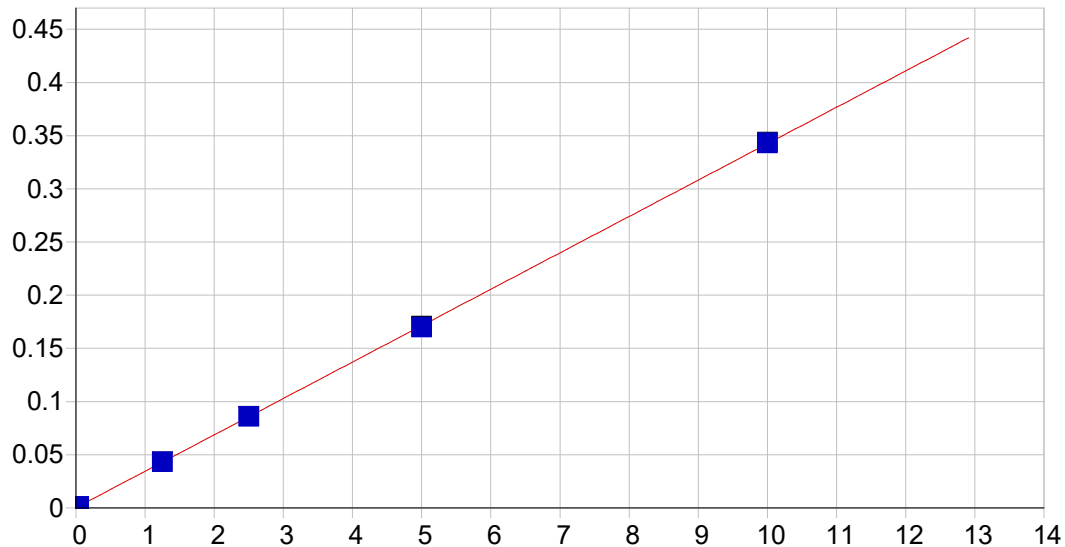


Pb 220.353 {453}

Date of Fit: 02/13/2020 14:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000076	Re-Slope:	1.000000
A1 (Gain):	0.143789	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999998	Status:	OK.
Std Error of Est:	0.000009		
Predicted MDL:	0.001725		
Predicted MQL:	0.005752		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00008	.000	1
S1	.01000	.01047	.000	4.67	.00158	.000	1
S2	6.2500	6.2118	-.038	-.612	.89344	.001	1
S3	12.500	12.496	-.004	-.033	1.7972	.003	1
S4	25.000	25.025	.025	.099	3.5991	.008	1
S5	50.000	50.017	.017	.034	7.1934	.015	1

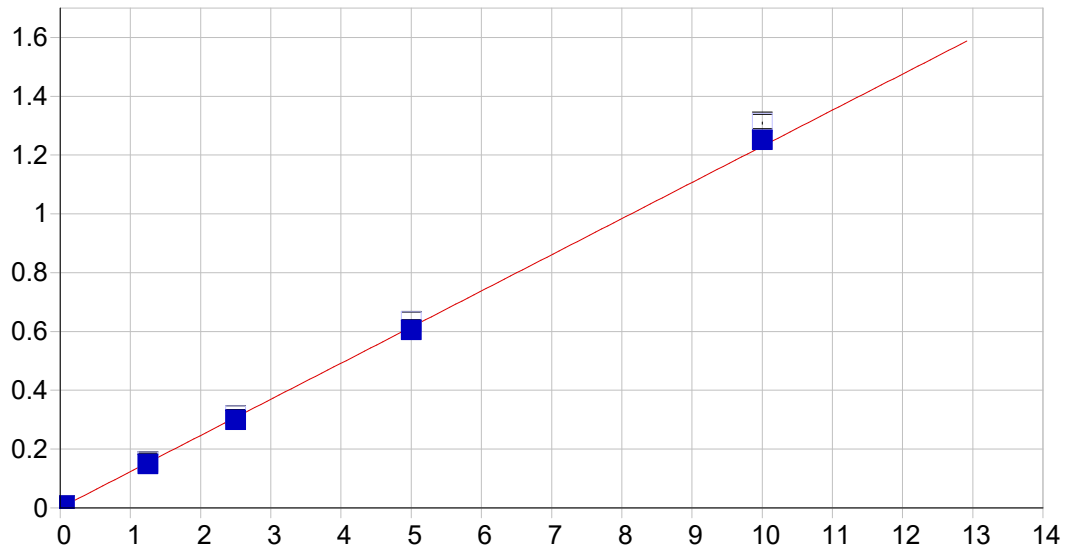


Se 196.090 {472}

Date of Fit: 02/13/2020 14:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000271 Re-Slope: 1.000000
 A1 (Gain): 0.034218 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999987 Status: OK.
 Std Error of Est: 0.000005
 Predicted MDL: 0.003924
 Predicted MQL: 0.013078

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00027	.000	1
S1	.03500	.03662	.002	4.62	.00152	.000	1
S2	1.2500	1.2581	.008	.648	.04321	.000	1
S3	2.5000	2.5066	.007	.264	.08582	.000	1
S4	5.0000	4.9626	-.037	-.747	.16963	.001	1
S5	10.000	10.021	.021	.211	.34228	.001	1

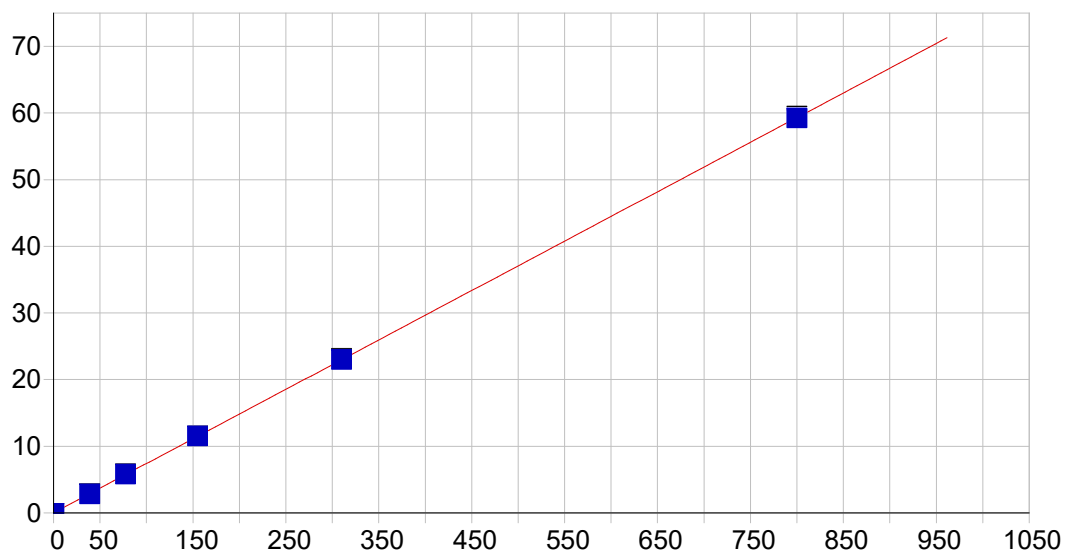


Sb 206.833 {463}

Date of Fit: 02/13/2020 14:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000343	Re-Slope:	1.000000
A1 (Gain):	0.122931	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999821	Status:	OK.
Std Error of Est:	0.000100		
Predicted MDL:	0.001621		
Predicted MQL:	0.005403		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00034	.000	1
S1	.06000	.06122	.001	2.03	.00788	.000	1
S2	1.2500	1.2133	-.037	-2.93	.15657	.000	1
S3	2.5000	2.4353	-.065	-2.59	.31387	.000	1
S4	5.0000	4.9191	-.081	-1.62	.63335	.001	1
S5	10.000	10.181	.181	1.81	1.3085	.003	1

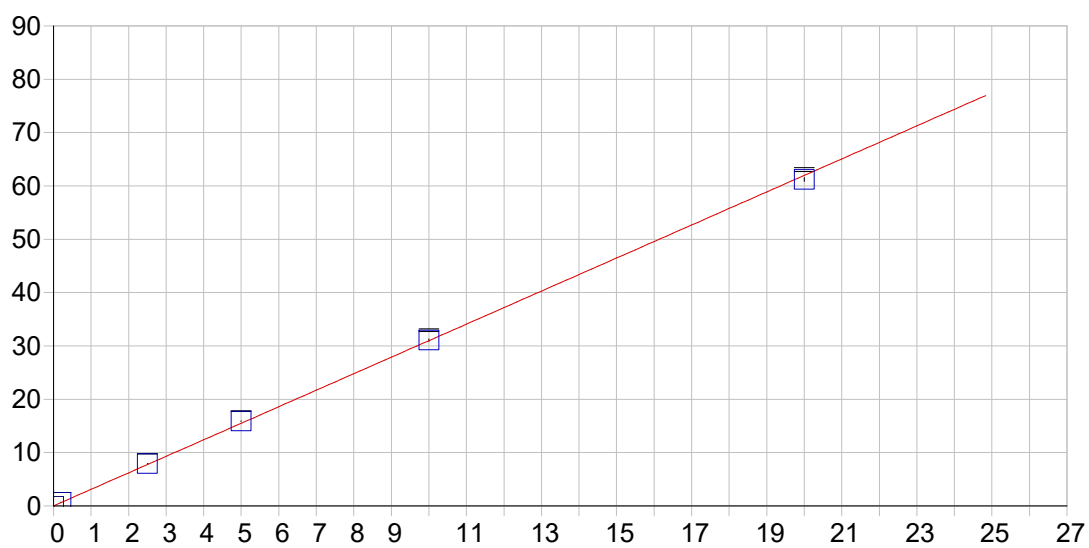


AI 396.152 { 85}

Date of Fit: 02/13/2020 14:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002195 Re-Slope: 1.000000
 A1 (Gain): 0.074134 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999995 Status: OK.
 Std Error of Est: 0.000142
 Predicted MDL: 0.007163
 Predicted MQL: 0.023876

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00219	.000	1
S1	.20000	.21207	.012	6.03	.01817	.001	1
S2	38.750	38.352	-.398	-1.03	2.8511	.007	1
S3	77.500	78.041	.541	.698	5.7992	.038	1
S4	155.00	155.65	.646	.417	11.564	.028	1
S5	310.00	310.31	.305	.098	23.052	.153	1
S6	800.00	798.89	-1.11	-.138	59.265	.256	1

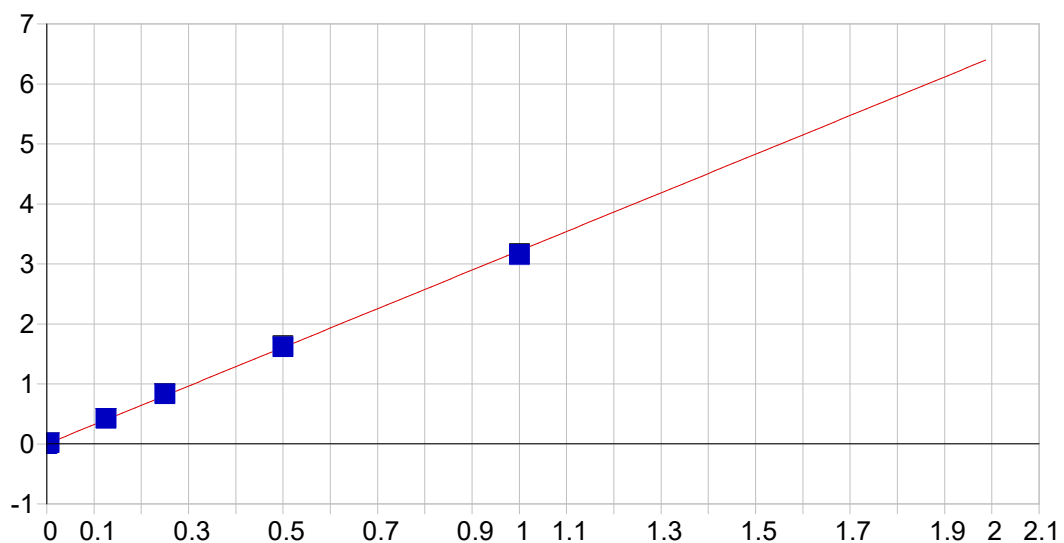


Ba 493.409 { 68}

Date of Fit: 02/13/2020 14:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005899 Re-Slope: 1.000000
 A1 (Gain): 3.098052 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999866 Status: OK.
 Std Error of Est: 0.005395
 Predicted MDL: 0.000412
 Predicted MQL: 0.001372

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00581	.001	1
S1	.20000	.22112	.021	10.6	.69096	.022	1
S2	2.5000	2.5557	.056	2.23	7.9235	.020	1
S3	5.0000	5.1330	.133	2.66	15.908	.049	1
S4	10.000	10.035	.035	.345	31.093	.246	1
S5	20.000	19.756	-.244	-1.22	61.210	.345	1

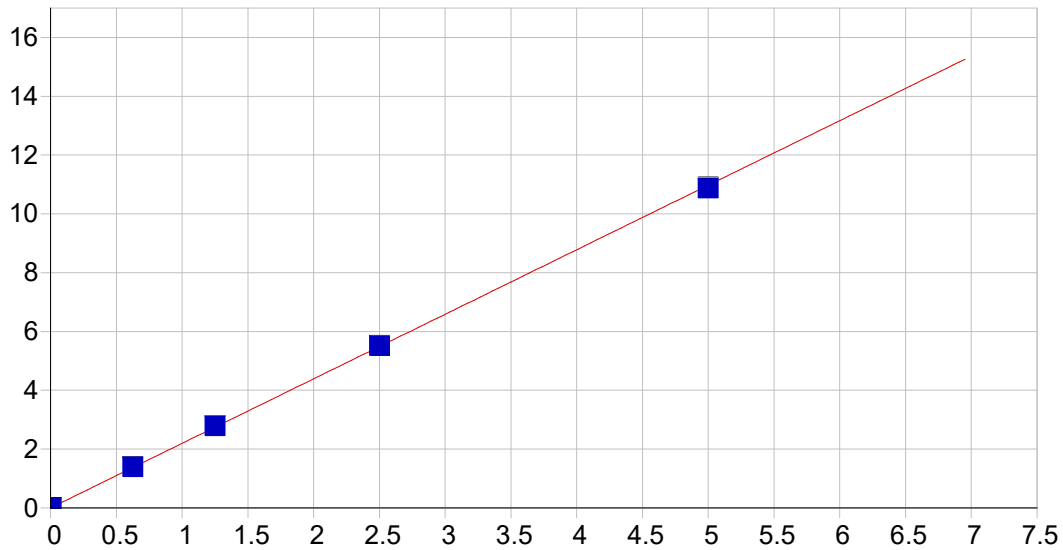


Be 234.861 {144}

Date of Fit: 02/13/2020 14:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000986	Re-Slope:	1.000000
A1 (Gain):	3.219695	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999688	Status:	OK.
Std Error of Est:	0.000301		
Predicted MDL:	0.000067		
Predicted MQL:	0.000223		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00099	.000	1
S1	.00500	.00563	.001	12.7	.01714	.000	1
S2	.12500	.13169	.007	5.35	.42169	.002	1
S3	.25000	.25930	.009	3.72	.83122	.003	1
S4	.50000	.50252	.003	.503	1.6116	.019	1
S5	1.0000	.98085	-.019	-1.91	3.1464	.012	1

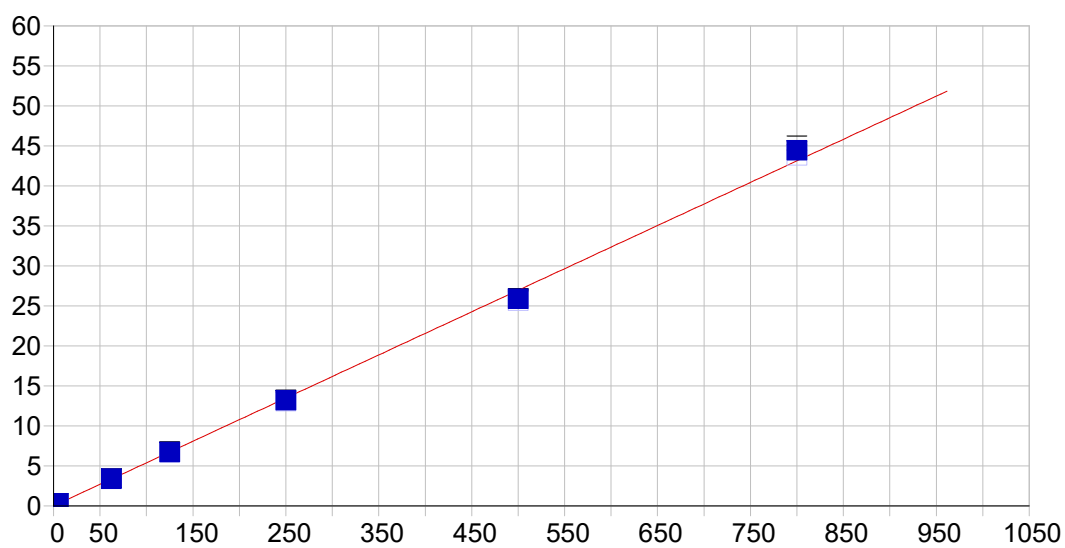


Cd 214.438 {457}

Date of Fit: 02/13/2020 14:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000273 Re-Slope: 1.000000
 A1 (Gain): 2.195084 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946 Status: OK.
 Std Error of Est: 0.000191
 Predicted MDL: 0.000081
 Predicted MQL: 0.000271

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00027	.000	1
S1	.00500	.00494	-.000	-1.12	.01113	.000	1
S2	.62500	.63577	.011	1.72	1.3979	.001	1
S3	1.2500	1.2709	.021	1.67	2.7943	.001	1
S4	2.5000	2.5134	.013	.538	5.5259	.005	1
S5	5.0000	4.9549	-.045	-.902	10.894	.021	1

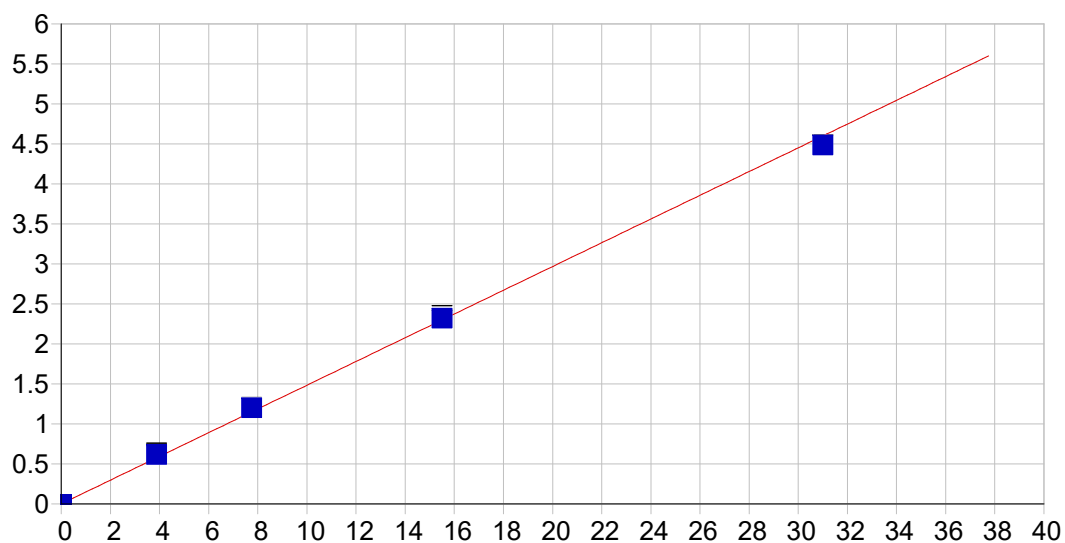


Ca 373.690 { 90}

Date of Fit: 02/13/2020 14:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000746 Re-Slope: 1.000000
 A1 (Gain): 0.053914 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999467 Status: OK.
 Std Error of Est: 0.006075
 Predicted MDL: 0.008530
 Predicted MQL: 0.028434

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00072	-.001	.000	.00071	.000	1
S1	5.0000	5.8365	.837	16.7	.31534	.012	1
S2	62.500	63.085	.585	.935	3.3717	.010	1
S3	125.00	124.79	-.205	-.164	6.6686	.017	1
S4	250.00	244.64	-5.36	-2.14	13.070	.056	1
S5	500.00	479.88	-20.1	-4.02	25.632	.031	1
S6	800.00	824.41	24.4	3.05	43.805	.563	1

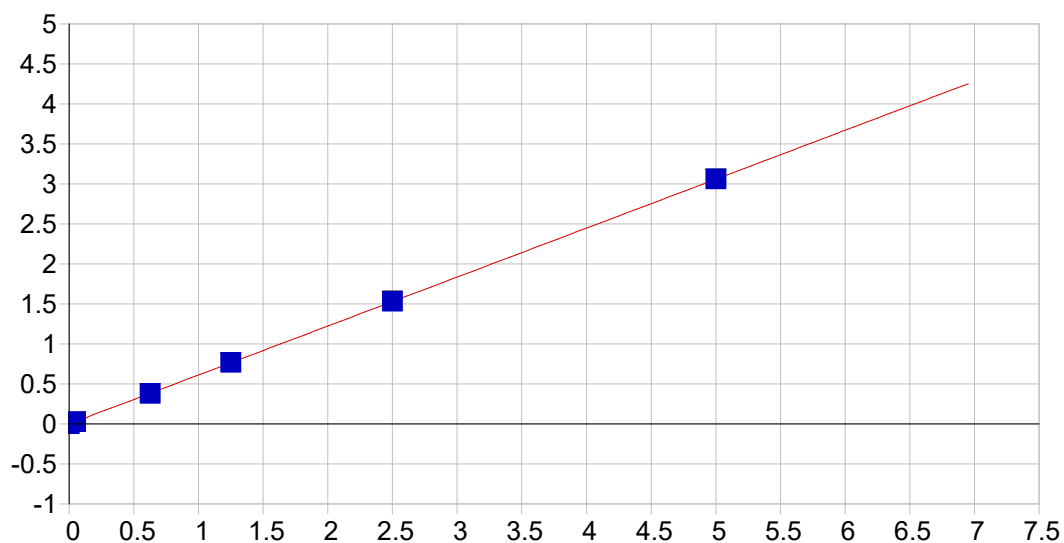


Cr 267.716 {126}

Date of Fit: 02/13/2020 14:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000105	Re-Slope:	1.000000
A1 (Gain):	0.148370	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999505	Status:	OK.
Std Error of Est:	0.000138		
Predicted MDL:	0.000412		
Predicted MQL:	0.001372		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00010	.000	1
S1	.01000	.01144	.001	14.4	.00180	.000	1
S2	3.8750	4.1584	.283	7.31	.61780	.018	1
S3	7.7500	8.0989	.349	4.50	1.2032	.004	1
S4	15.500	15.648	.148	.956	2.3247	.030	1
S5	31.000	30.218	-.782	-2.52	4.4893	.003	1

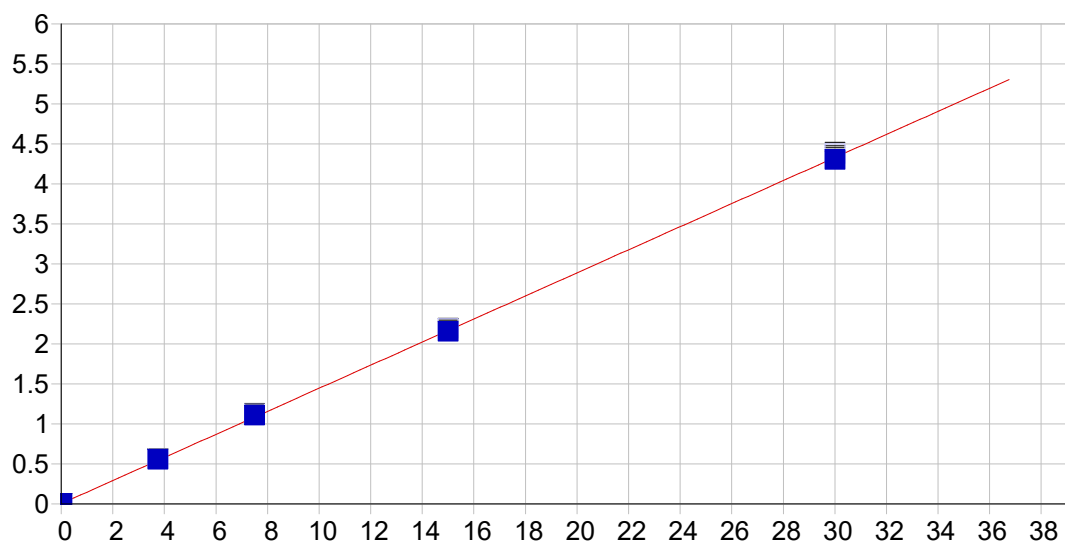


Co 228.616 {448}

Date of Fit: 02/13/2020 14:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000062 Re-Slope: 1.000000
 A1 (Gain): 0.611760 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999994 Status: OK.
 Std Error of Est: 0.000058
 Predicted MDL: 0.000275
 Predicted MQL: 0.000916

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00006	.000	1
S1	.05000	.04803	-.002	-3.94	.02943	.000	1
S2	.62500	.62101	-.004	-.639	.38045	.000	1
S3	1.2500	1.2544	.004	.348	.76852	.000	1
S4	2.5000	2.5017	.002	.067	1.5328	.002	1
S5	5.0000	4.9999	-.000	-.001	3.0636	.004	1

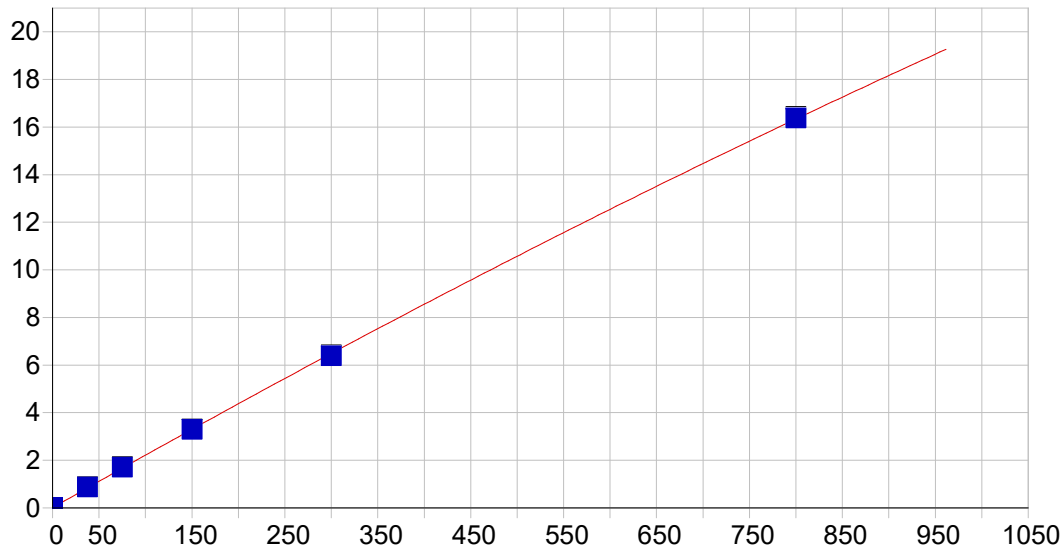


Cu 324.754 {104}

Date of Fit: 02/13/2020 14:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.003514	Re-Slope:	1.000000
A1 (Gain):	0.144224	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999948	Status:	OK.
Std Error of Est:	0.000069		
Predicted MDL:	0.001986		
Predicted MQL:	0.006620		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00351	.000	1
S1	.02500	.02400	-.001	-4.01	.00770	.000	1
S2	3.7500	3.8344	.084	2.25	.56520	.001	1
S3	7.5000	7.6474	.147	1.97	1.1238	.008	1
S4	15.000	14.938	-.062	-.414	2.1926	.004	1
S5	30.000	29.832	-.168	-.562	4.3753	.022	1

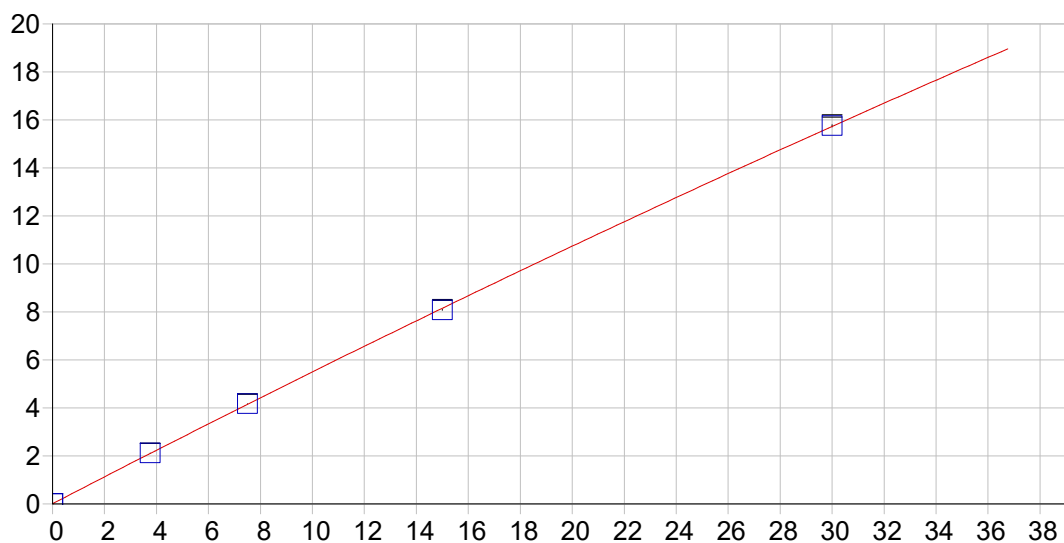


Fe 259.837 {130}

Date of Fit: 02/13/2020 14:38:13 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.005164 Re-Slope: 1.000000
 A1 (Gain): 0.022336 Y-int: 0.000000
 A2 (Curvature): -0.000002
 n (Exponent): 1.000000
 Correlation: 0.999930 Status: OK.
 Std Error of Est: 0.000122
 Predicted MDL: 0.006360
 Predicted MQL: 0.021201

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00516	.000	1
S1	.10000	.12183	.022	21.8	.00798	.000	1
S2	37.500	38.876	1.38	3.67	.87160	.001	1
S3	75.000	76.861	1.86	2.48	1.7112	.007	1
S4	150.00	149.78	-.217	-.145	3.3039	.006	1
S5	300.00	295.20	-4.80	-1.60	6.4037	.022	1
S6	800.00	801.80	1.80	.225	16.396	.045	1

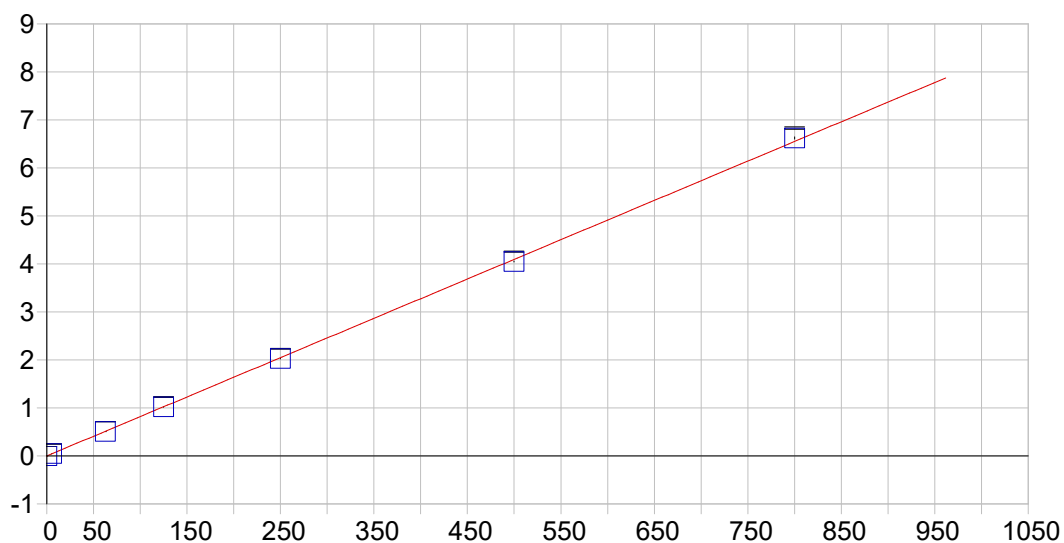


Mn 257.610 {131}

Date of Fit: 02/13/2020 14:38:13 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.008588 Re-Slope: 1.000000
 A1 (Gain): 0.561771 Y-int: 0.000000
 A2 (Curvature): -0.001259
 n (Exponent): 1.000000
 Correlation: 0.999977 Status: OK.
 Std Error of Est: 0.000150
 Predicted MDL: 0.000290
 Predicted MQL: 0.000967

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00859	.000	1
S1	.01500	.01844	.003	23.0	.01895	.001	1
S2	3.7500	3.7877	.038	1.01	2.1184	.005	1
S3	7.5000	7.5346	.035	.462	4.1699	.008	1
S4	15.000	14.869	-.131	-.871	8.0834	.021	1
S5	30.000	30.055	.055	.185	15.756	.044	1

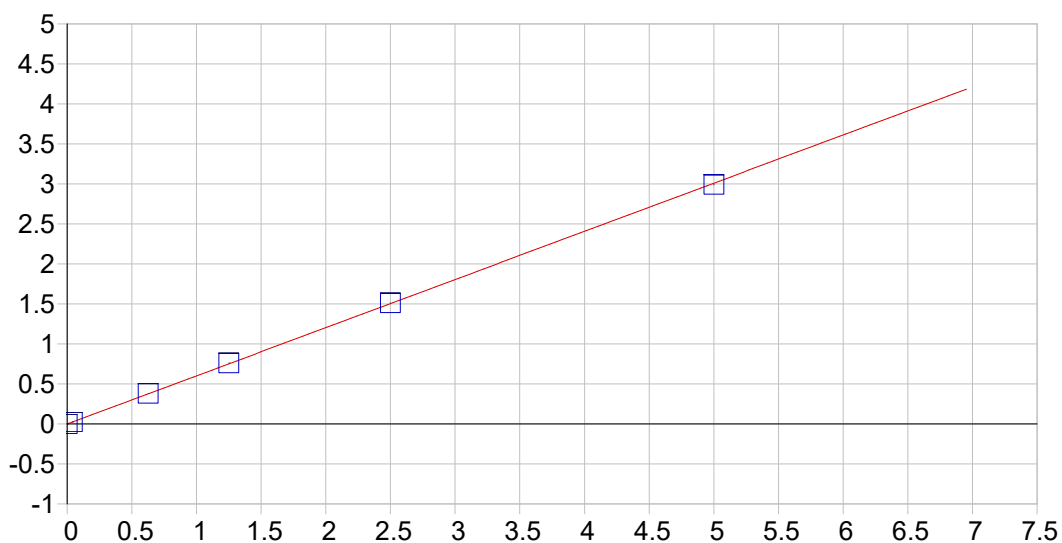


Mg 279.079 {121}

Date of Fit: 02/13/2020 14:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000114 Re-Slope: 1.000000
 A1 (Gain): 0.008189 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999940 Status: OK.
 Std Error of Est: 0.000314
 Predicted MDL: 0.020775
 Predicted MQL: 0.069248

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00024	-.000	.000	-.00012	.000	1
S1	5.0000	5.3521	.352	7.04	.04372	.002	1
S2	62.500	61.853	-.647	-1.04	.50641	.001	1
S3	125.00	124.70	-.302	-.242	1.0211	.005	1
S4	250.00	247.44	-2.56	-1.03	2.0262	.005	1
S5	500.00	494.55	-5.45	-1.09	4.0499	.012	1
S6	800.00	808.61	8.61	1.08	6.6218	.024	1

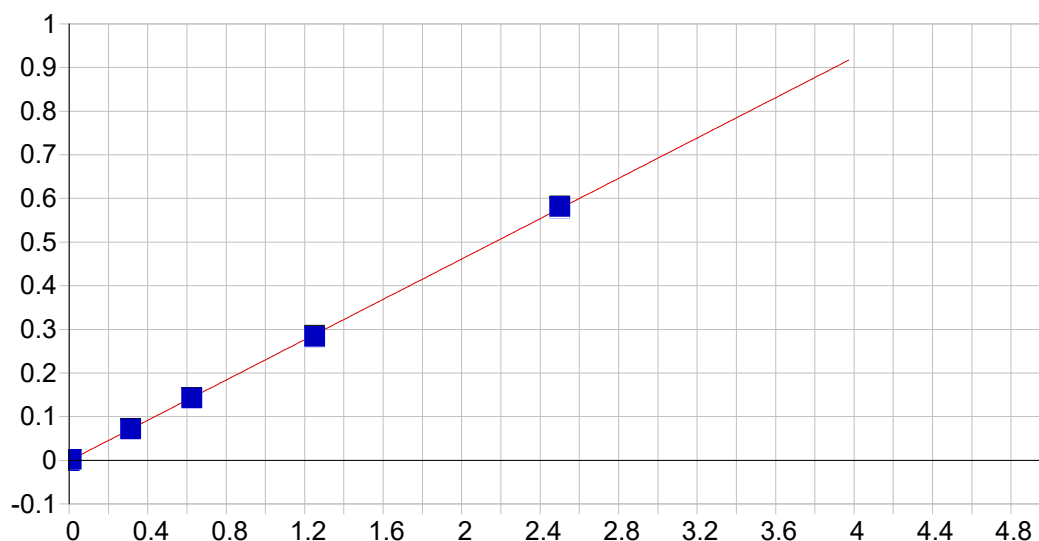


Ni 231.604 {446}

Date of Fit: 02/13/2020 14:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001122	Re-Slope:	1.000000
A1 (Gain):	0.602121	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999974	Status:	OK.
Std Error of Est:	0.000104		
Predicted MDL:	0.000369		
Predicted MQL:	0.001229		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00112	.000	1
S1	.04000	.04097	.001	2.43	.02355	.000	1
S2	.62500	.63125	.006	1.000	.37897	.001	1
S3	1.2500	1.2646	.015	1.17	.76031	.001	1
S4	2.5000	2.5099	.010	.397	1.5102	.003	1
S5	5.0000	4.9683	-.032	-.635	2.9904	.001	1

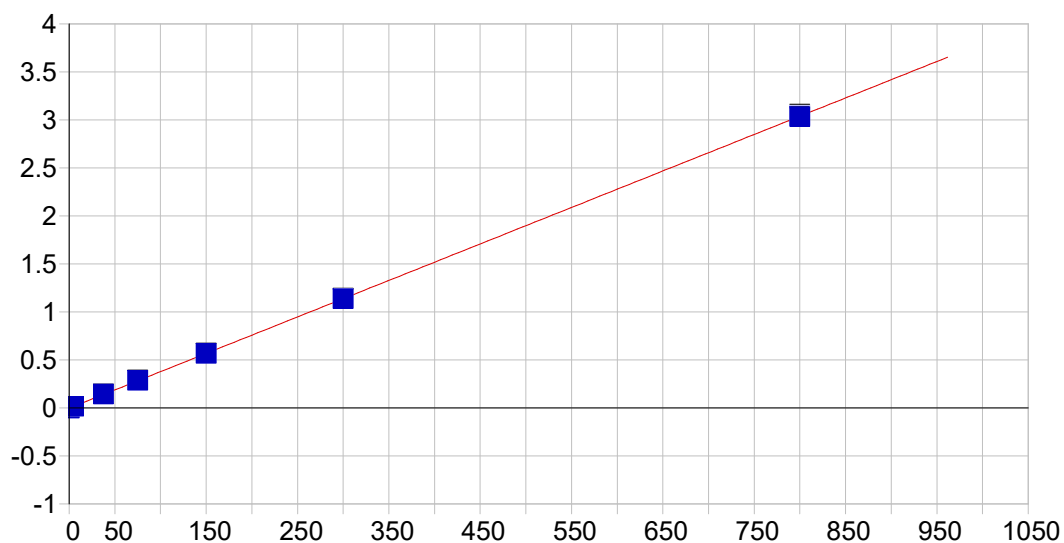


Ag 328.068 {103}

Date of Fit: 02/13/2020 14:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000861	Re-Slope:	1.000000
A1 (Gain):	0.231034	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999948	Status:	OK.
Std Error of Est:	0.000020		
Predicted MDL:	0.000431		
Predicted MQL:	0.001436		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00086	.000	1
S1	.01000	.01065	.001	6.49	.00158	.000	1
S2	.31250	.31365	.001	.368	.07098	.002	1
S3	.62500	.62168	-.003	-.531	.14153	.001	1
S4	1.2500	1.2320	-.018	-1.44	.28129	.003	1
S5	2.5000	2.5196	.020	.782	.57630	.001	1

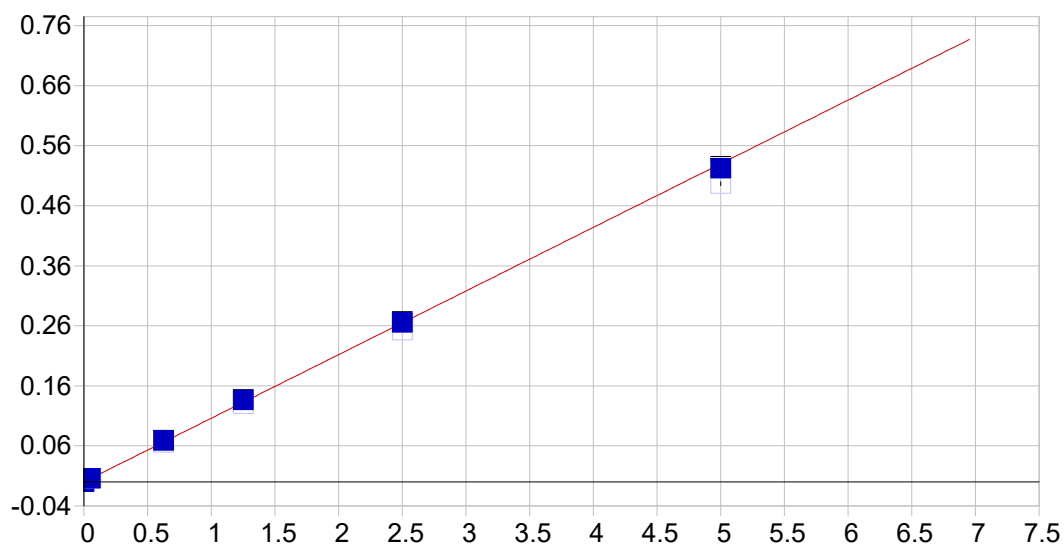


Na 818.326 { 41}

Date of Fit: 02/13/2020 14:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002705	Re-Slope:	1.000000
A1 (Gain):	0.003802	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999990	Status:	OK.
Std Error of Est:	0.000053		
Predicted MDL:	0.212541		
Predicted MQL:	0.708470		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00025	-.000	.000	-.00271	.001	1
S1	5.0000	5.1240	.124	2.48	.01678	.001	1
S2	37.500	38.033	.533	1.42	.14251	.001	1
S3	75.000	76.034	1.03	1.38	.28761	.002	1
S4	150.00	150.04	.044	.030	.57023	.001	1
S5	300.00	299.48	-.521	-.174	1.1408	.002	1
S6	800.00	798.79	-1.21	-.152	3.0474	.013	1

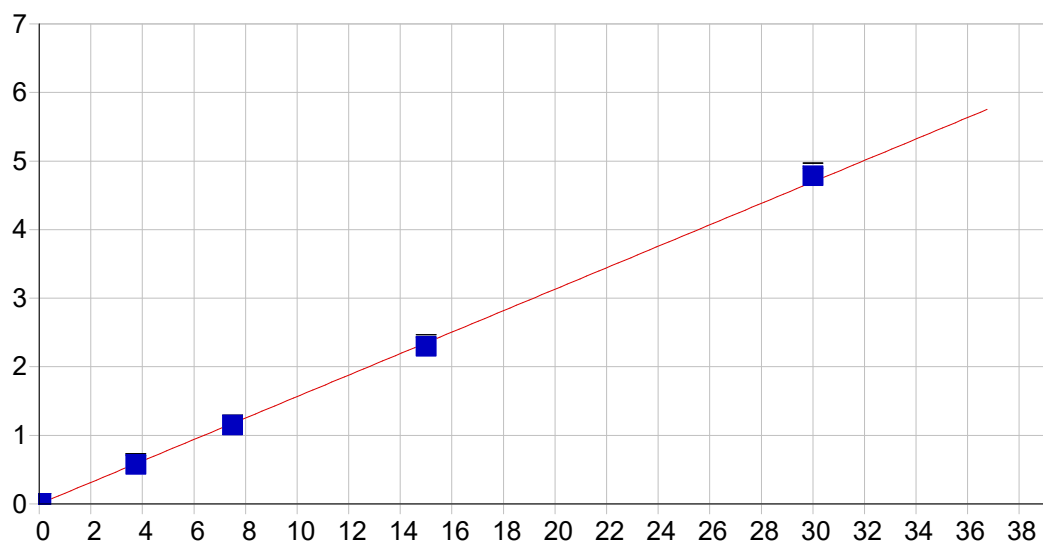


V 292.402 {115}

Date of Fit: 02/13/2020 14:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000051	Re-Slope:	1.000000
A1 (Gain):	0.105987	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999758	Status:	OK.
Std Error of Est:	0.000059		
Predicted MDL:	0.002111		
Predicted MQL:	0.007037		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00005	.000	1
S1	.05000	.05711	.007	14.2	.00609	.000	1
S2	.62500	.64959	.025	3.93	.06572	.000	1
S3	1.2500	1.2868	.037	2.94	.13008	.001	1
S4	2.5000	2.5044	.004	.178	.25279	.001	1
S5	5.0000	4.9267	-.073	-1.47	.49681	.003	1

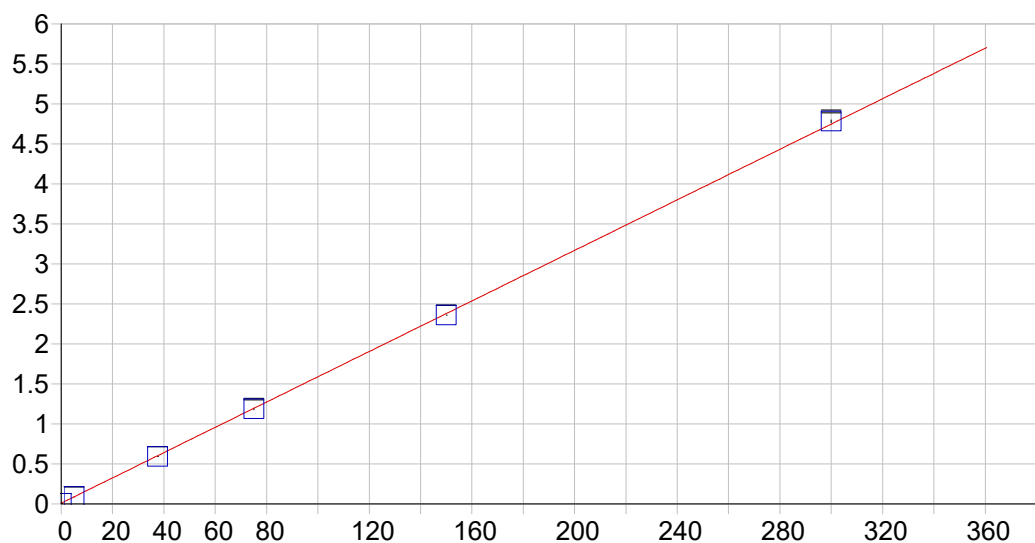


Zn 213.856 {158}

Date of Fit: 02/13/2020 14:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000181	Re-Slope:	1.000000
A1 (Gain):	0.156520	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999786	Status:	OK.
Std Error of Est:	0.000231		
Predicted MDL:	0.002479		
Predicted MQL:	0.008265		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00018	.000	1
S1	.06000	.07029	.010	17.2	.01121	.000	1
S2	3.7500	3.6628	-.087	-2.33	.57444	.012	1
S3	7.5000	7.3397	-.160	-2.14	1.1509	.008	1
S4	15.000	14.682	-.318	-2.12	2.3021	.020	1
S5	30.000	30.555	.555	1.85	4.7903	.038	1

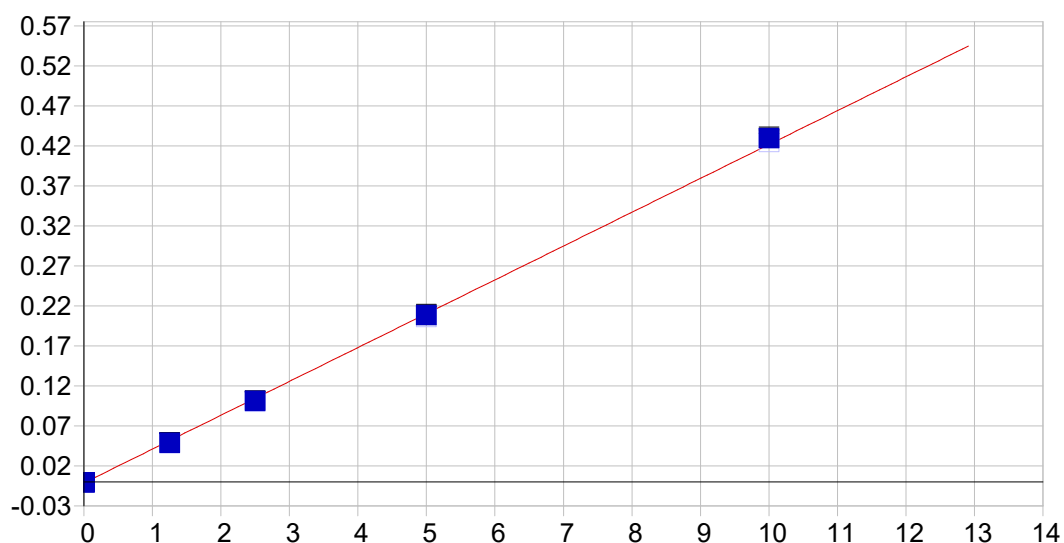


K 769.896 { 44 }

Date of Fit: 02/13/2020 14:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.009460	Re-Slope:	1.000000
A1 (Gain):	0.015798	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999957	Status:	OK.
Std Error of Est:	0.000301		
Predicted MDL:	0.056307		
Predicted MQL:	0.187690		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00007	-.000	.000	.00946	.000	1
S1	5.0000	5.1990	.199	3.98	.09159	.002	1
S2	37.500	36.798	-.702	-1.87	.59077	.001	1
S3	75.000	74.557	-.443	-.591	1.1873	.010	1
S4	150.00	148.80	-1.20	-.799	2.3601	.001	1
S5	300.00	302.15	2.15	.715	4.7826	.019	1

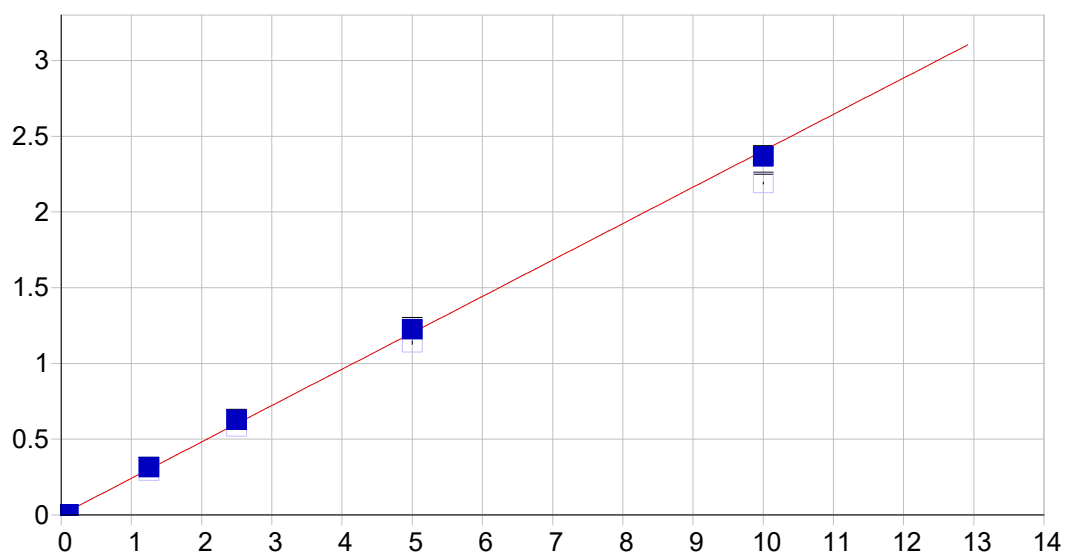


P 177.495 {490}

Date of Fit: 02/13/2020 14:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001284 Re-Slope: 1.000000
 A1 (Gain): 0.042284 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999719 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.002392
 Predicted MQL: 0.007973

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00128	.000	1
S1	.01000	.01206	.002	20.6	-.00078	.000	1
S2	1.2500	1.1799	-.070	-5.61	.04801	.000	1
S3	2.5000	2.4249	-.075	-3.01	.10006	.000	1
S4	5.0000	4.9593	-.041	-.813	.20605	.001	1
S5	10.000	10.184	.184	1.84	.42459	.002	1

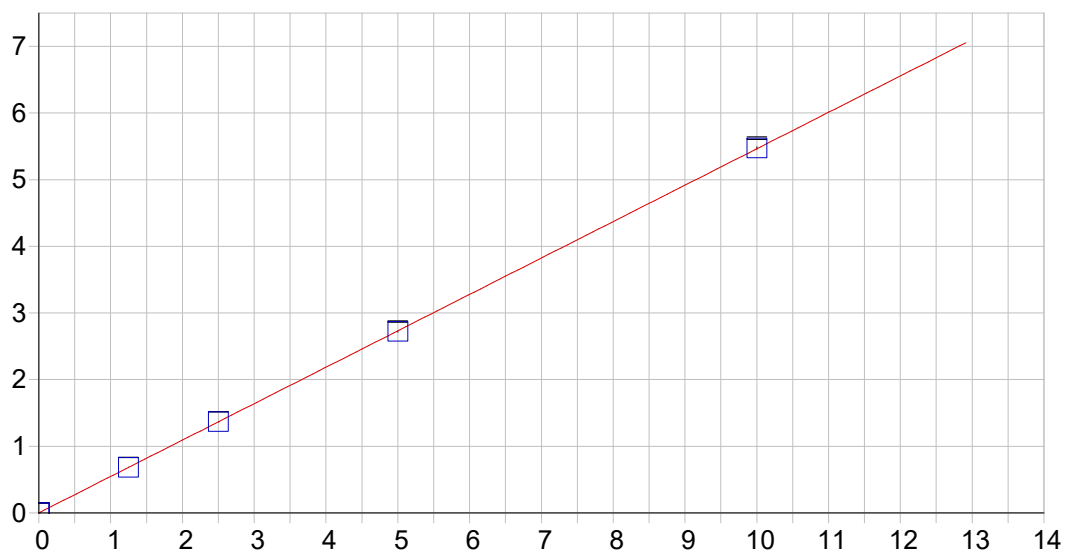


B 249.678 {135}

Date of Fit: 02/13/2020 14:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000775	Re-Slope:	1.000000
A1 (Gain):	0.240288	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997163	Status:	OK.
Std Error of Est:	0.000894		
Predicted MDL:	0.000979		
Predicted MQL:	0.003265		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	.00079	.000	1
S1	.10000	.00991	-.090	-90.1	.00311	.000	1
S2	1.2500	1.3024	.052	4.20	.29194	.001	1
S3	2.5000	2.6065	.107	4.26	.58350	.004	1
S4	5.0000	5.0979	.098	1.96	1.1385	.012	1
S5	10.000	9.8401	-.160	-1.60	2.1908	.006	1

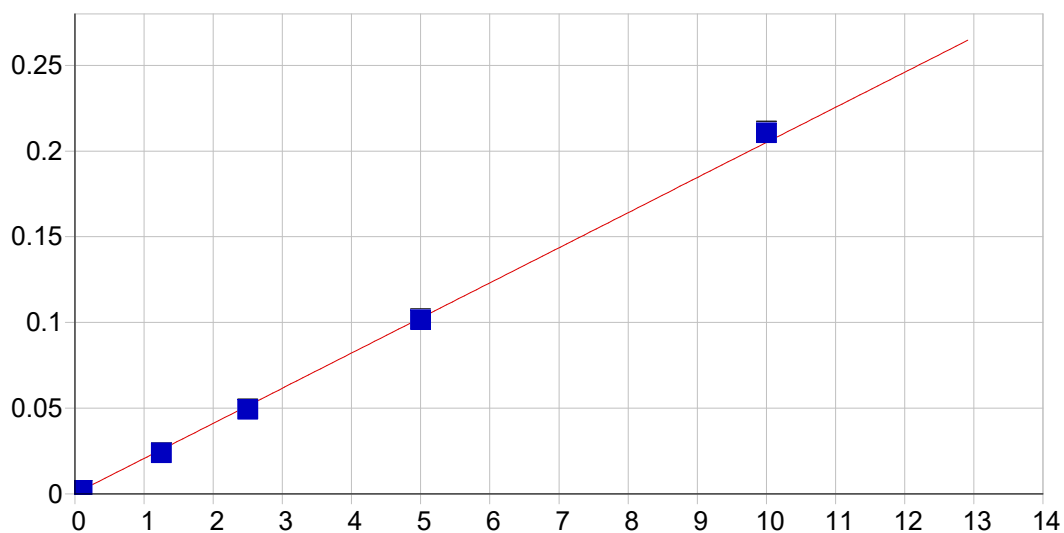


Mo 202.030 {467}

Date of Fit: 02/13/2020 14:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000454 Re-Slope: 1.000000
 A1 (Gain): 0.546350 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999997 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.000317
 Predicted MQL: 0.001056

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00045	.000	1
S1	.01000	.01025	.000	2.46	.00605	.000	1
S2	1.2500	1.2498	-.000	-.015	.68329	.003	1
S3	2.5000	2.5025	.002	.098	1.3677	.000	1
S4	5.0000	4.9814	-.019	-.371	2.7221	.008	1
S5	10.000	10.016	.016	.161	5.4727	.020	1

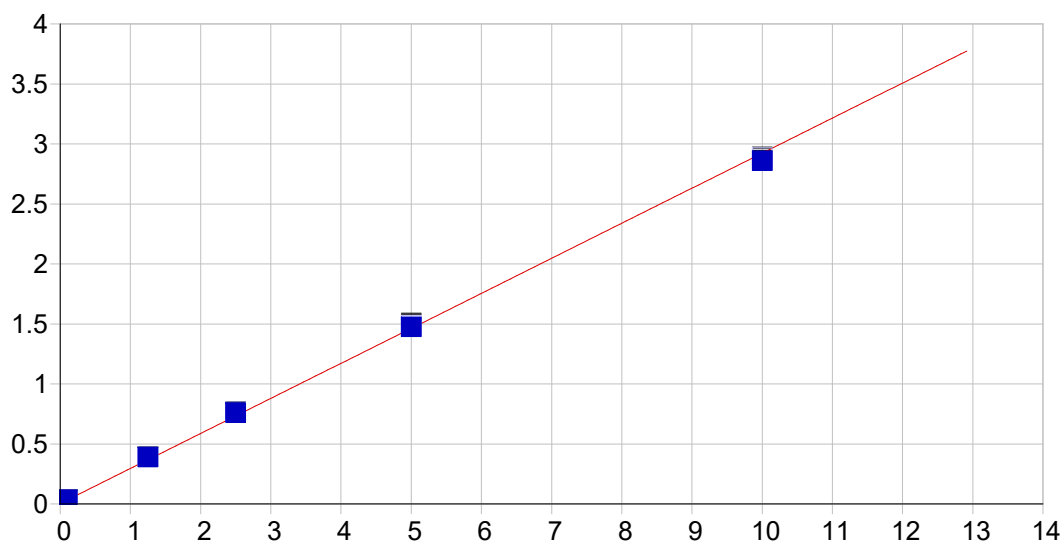


S 182.034 {485}

Date of Fit: 02/13/2020 14:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000229	Re-Slope:	1.000000
A1 (Gain):	0.020478	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999432	Status:	OK.
Std Error of Est:	0.000037		
Predicted MDL:	0.004561		
Predicted MQL:	0.015204		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00023	.000	1
S1	.10000	.08483	-.015	-15.2	.00197	.000	1
S2	1.2500	1.1574	-.093	-7.41	.02398	.000	1
S3	2.5000	2.3935	-.107	-4.26	.04935	.000	1
S4	5.0000	4.9456	-.054	-1.09	.10172	.000	1
S5	10.000	10.269	.269	2.69	.21094	.001	1

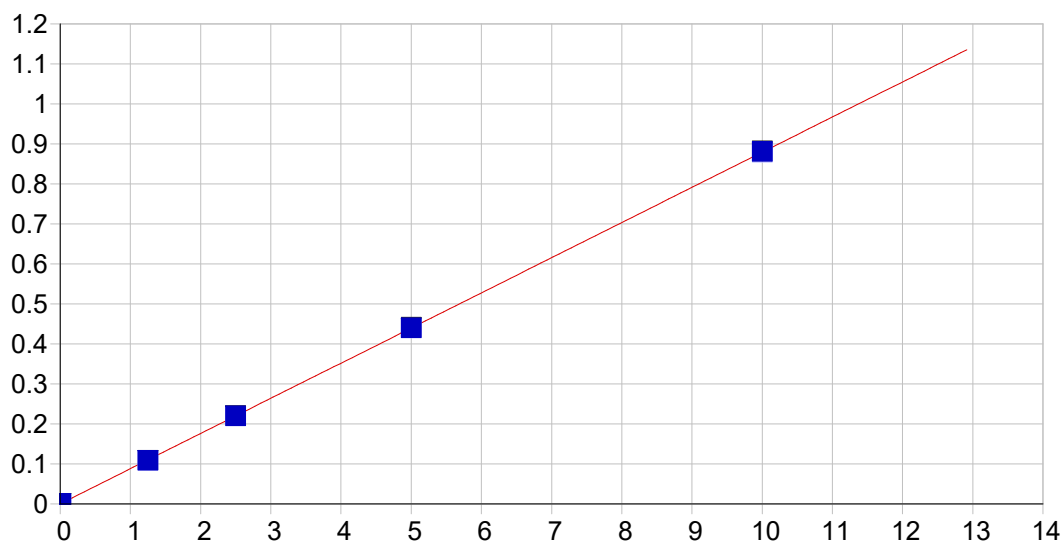


Si 251.611 {134}

Date of Fit: 02/13/2020 14:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003065 Re-Slope: 1.000000
 A1 (Gain): 0.291969 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999653 Status: OK.
 Std Error of Est: 0.000413
 Predicted MDL: 0.000919
 Predicted MQL: 0.003065

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00306	.000	1
S1	.10000	.10719	.007	7.19	.03447	.001	1
S2	1.2500	1.3232	.073	5.86	.39264	.001	1
S3	2.5000	2.5943	.094	3.77	.76698	.003	1
S4	5.0000	5.0405	.040	.809	1.4876	.018	1
S5	10.000	9.7849	-.215	-2.15	2.8858	.004	1

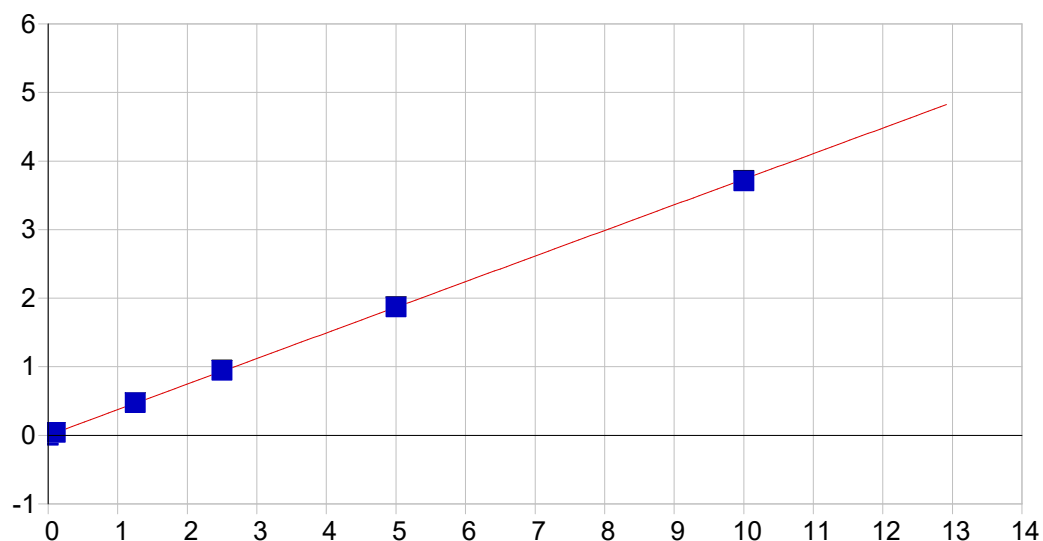


Sn 189.989 {478}

Date of Fit: 02/13/2020 14:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000218	Re-Slope:	1.000000
A1 (Gain):	0.087900	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999990	Status:	OK.
Std Error of Est:	0.000006		
Predicted MDL:	0.001146		
Predicted MQL:	0.003820		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00022	.000	1
S1	.00700	.00641	-.001	-8.44	.00076	.000	1
S2	1.2500	1.2309	-.019	-1.53	.10819	.000	1
S3	2.5000	2.4969	-.003	-.124	.21924	.001	1
S4	5.0000	5.0075	.008	.151	.43947	.001	1
S5	10.000	10.015	.015	.152	.87874	.002	1

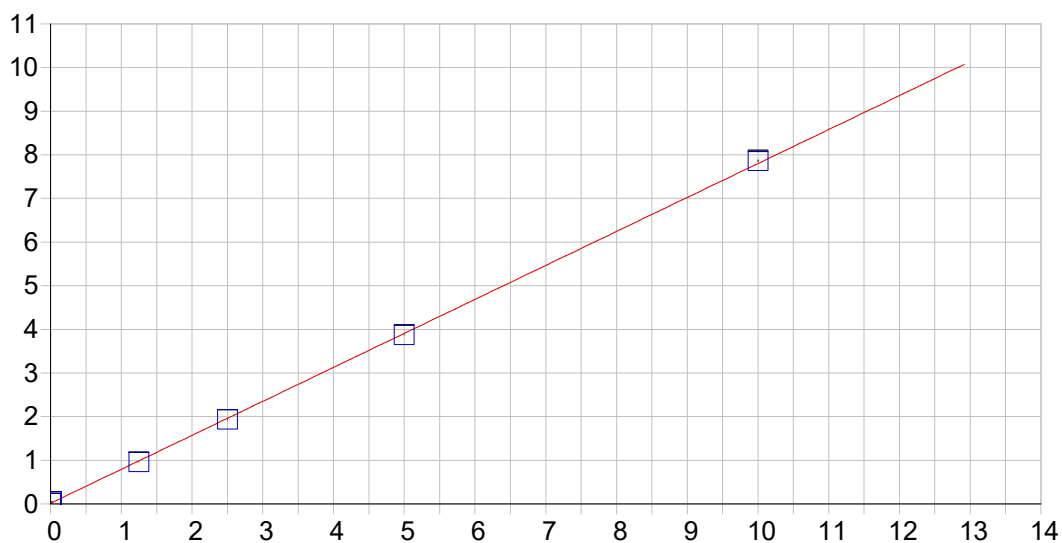


Ti 336.121 {100}

Date of Fit: 02/13/2020 14:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000309	Re-Slope:	1.000000
A1 (Gain):	0.373437	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999944	Status:	OK.
Std Error of Est:	0.000209		
Predicted MDL:	0.000896		
Predicted MQL:	0.002985		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00031	.000	1
S1	.10000	.10752	.008	7.52	.04045	.002	1
S2	1.2500	1.2737	.024	1.90	.47580	.001	1
S3	2.5000	2.5363	.036	1.45	.94715	.002	1
S4	5.0000	5.0065	.006	.129	1.8693	.009	1
S5	10.000	9.9260	-.074	-.740	3.7058	.012	1

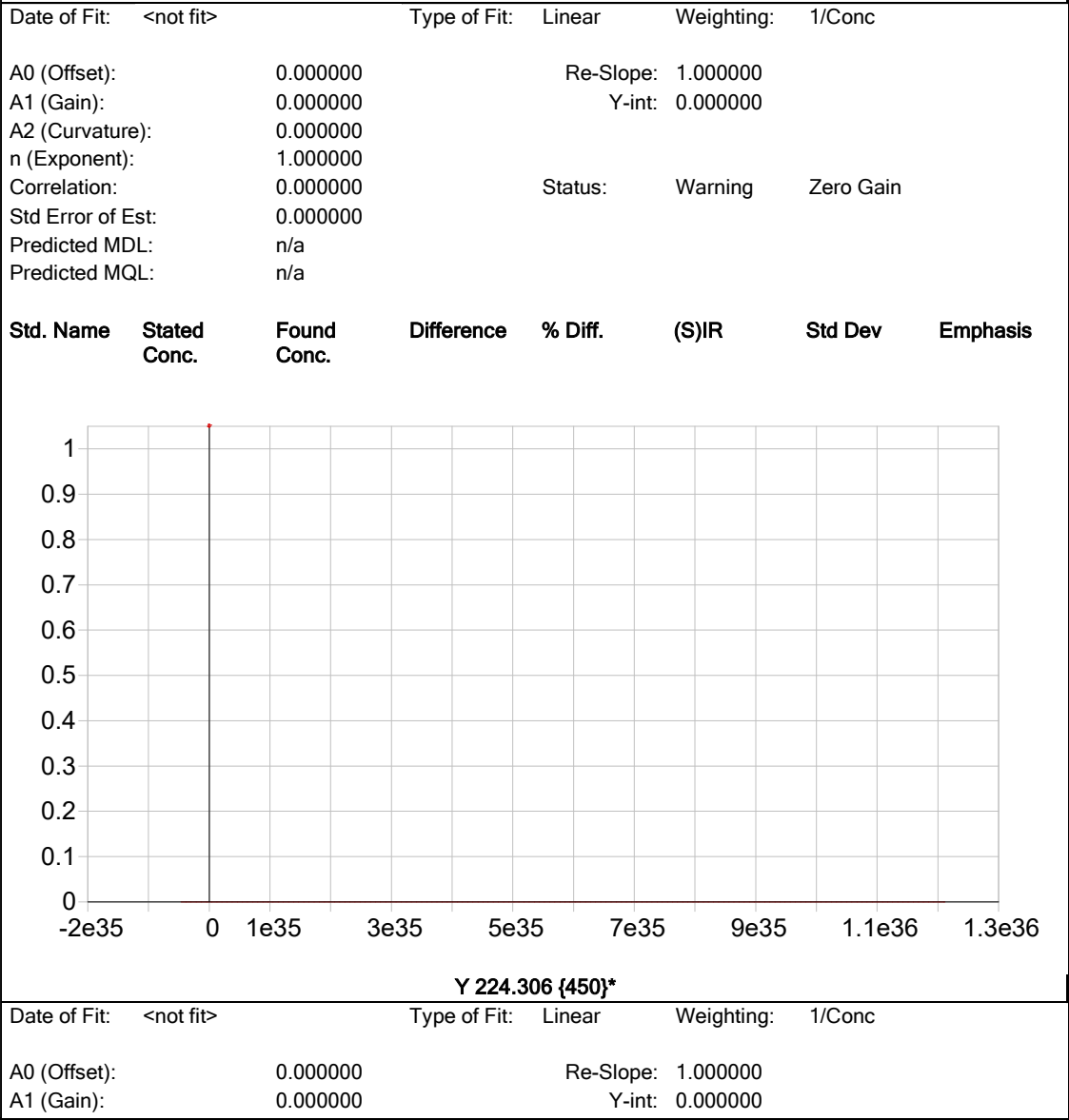
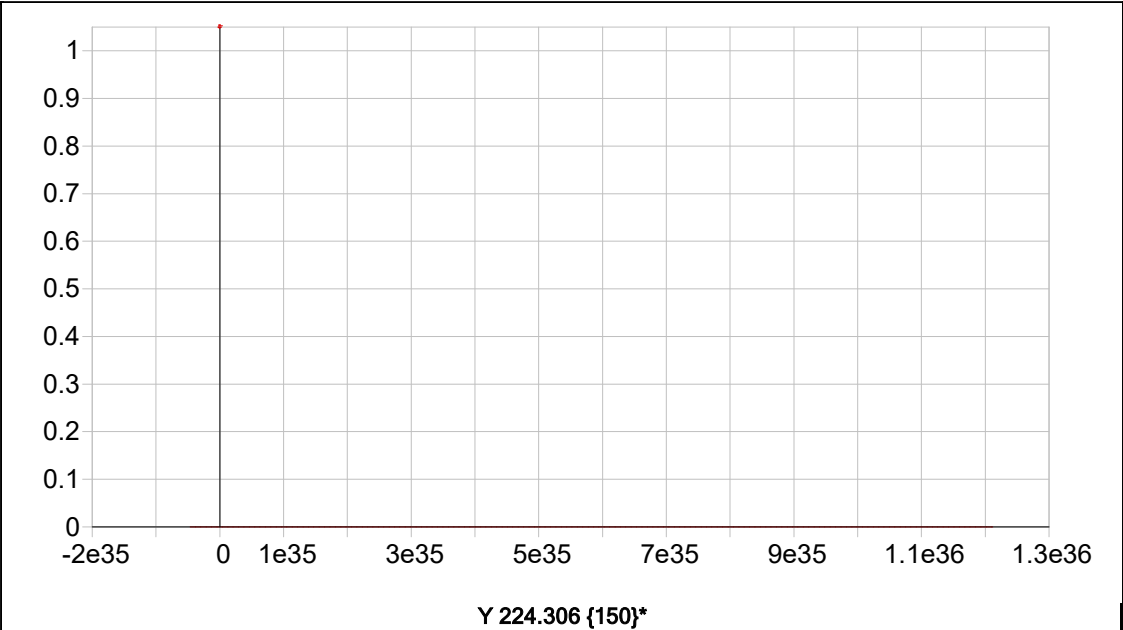


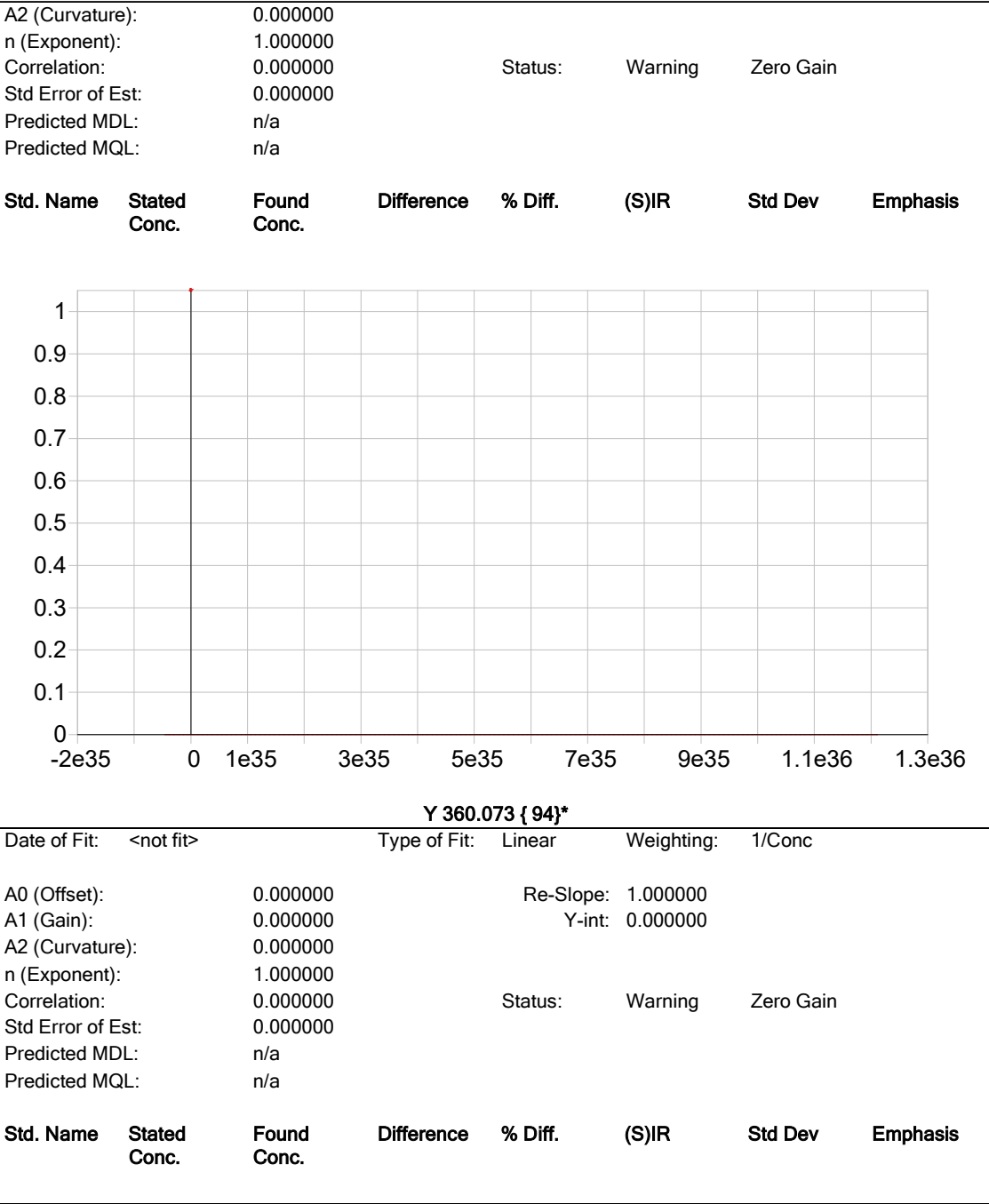
Li 670.784 { 50}

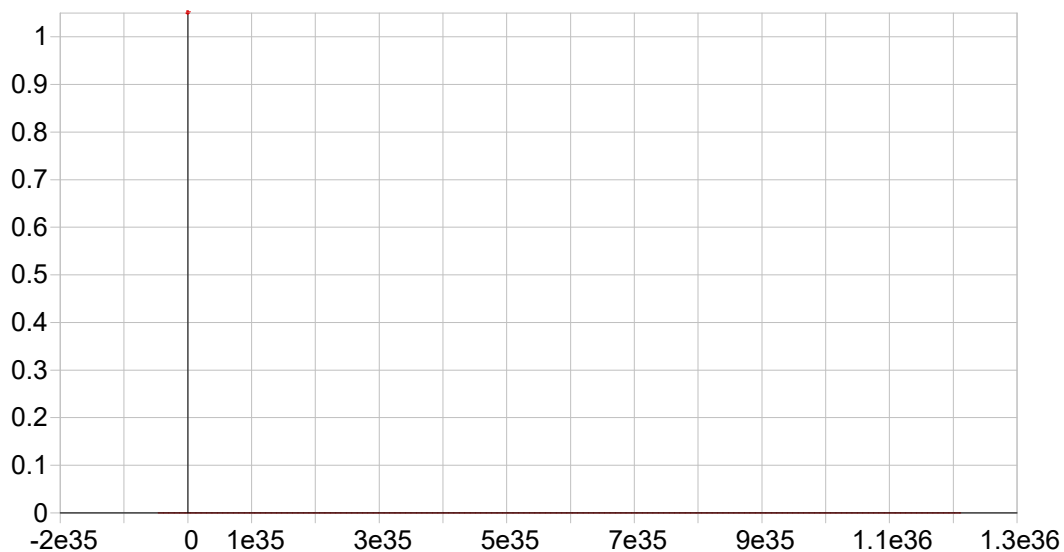
Date of Fit: 02/13/2020 14:38:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.014271 Re-Slope: 1.000000
 A1 (Gain): 0.778673 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997917 Status: OK.
 Std Error of Est: 0.001034
 Predicted MDL: 0.001268
 Predicted MQL: 0.004227

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.01425	.001	1
S5	10.000	10.082	.082	.819	7.8648	.017	1
S4	5.0000	4.9566	-.043	-.868	3.8738	.004	1
S3	2.5000	2.4668	-.033	-1.33	1.9351	.004	1
S2	1.2500	1.2110	-.039	-3.12	.95725	.003	1
S1	.01500	.04868	.034	225.	.05218	.002	1



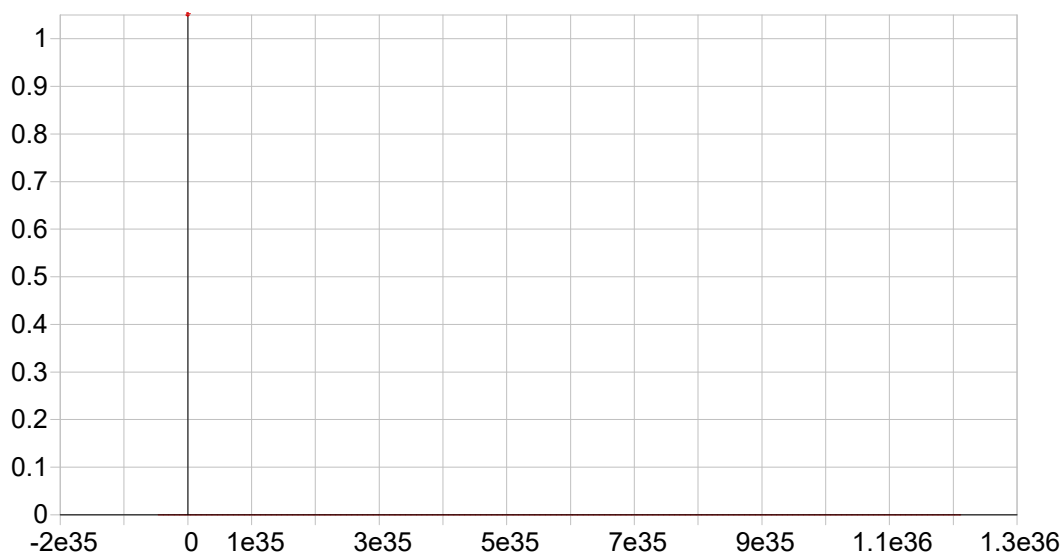




Y 371.030 { 91}*

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

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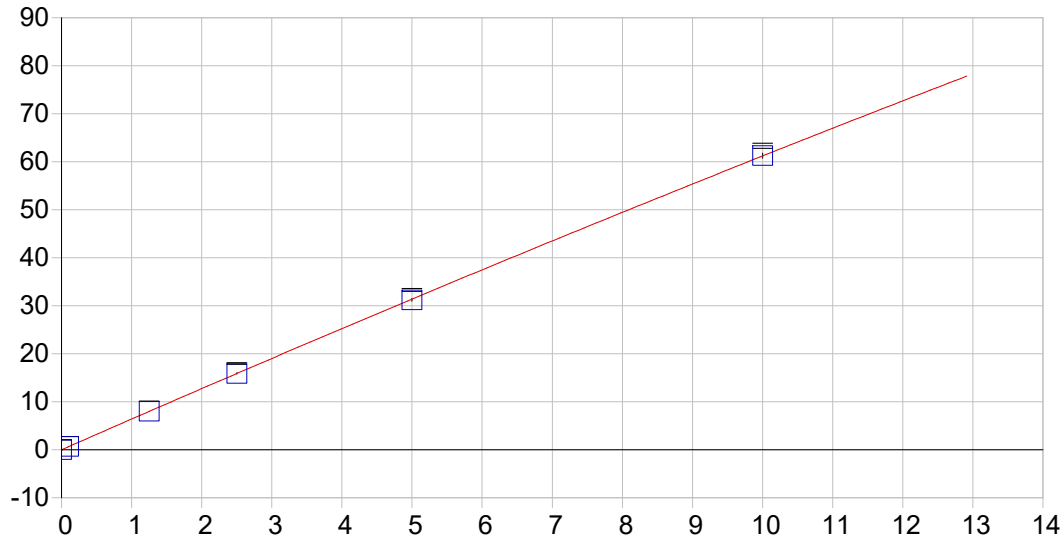
In 230.606 {446}*

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

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.000000
 Std Error of Est: 0.000000
 Predicted MDL: n/a
 Predicted MQL: n/a

Status: Warning Zero Gain

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Sr 407.771 { 83}

Date of Fit: 02/13/2020 14:38:13 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000064 Re-Slope: 1.000000
 A1 (Gain): 6.435607 Y-int: 0.000000
 A2 (Curvature): -0.031551
 n (Exponent): 1.000000
 Correlation: 0.999980 Status: OK.
 Std Error of Est: 0.002434
 Predicted MDL: 0.000068
 Predicted MQL: 0.000227

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00002	.000	1
S1	.10000	.10743	.007	7.43	.69108	.025	1
S2	1.2500	1.2555	.006	.441	8.0303	.008	1
S3	2.5000	2.5007	.001	.027	15.896	.158	1
S4	5.0000	4.9735	-.027	-.530	31.227	.275	1
S5	10.000	10.013	.013	.130	61.276	.520	1

Sample Name: S0 Acquired: 02/13/2020 14:03:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) 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	-.00028	-.00043	.00008	.00027	.00034	.00219	.00581	-.00099
Stddev	.00014	.00007	.00023	.00007	.00021	.00043	.00131	.00011
%RSD	50.505	16.356	308.55	26.059	62.536	19.413	22.468	10.992

#1	-.00035	-.00049	.00025	.00028	.00052	.00178	.00460	-.00087
#2	-.00012	-.00035	.00017	.00034	.00010	.00263	.00719	-.00107
#3	-.00038	-.00043	-.00019	.00020	.00041	.00217	.00563	-.00103

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	.00027	.00071	.00010	-.00006	.00351	.00516	.00859	-.00012
Stddev	.00012	.00018	.00002	.00008	.00019	.00025	.00028	.00012
%RSD	44.841	24.993	21.364	135.53	5.5039	4.7581	3.2596	100.31

#1	.00028	.00053	.00009	-.00013	.00366	.00491	.00826	-.00017
#2	.00015	.00071	.00013	.00003	.00359	.00517	.00873	-.00019
#3	.00039	.00088	.00009	-.00008	.00329	.00541	.00876	.00002

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	-.00112	-.00086	-.00271	.00005	.00018	.00946	-.00128	.00079
Stddev	.00017	.00005	.00080	.00030	.00003	.00014	.00006	.00011
%RSD	15.215	5.9286	29.383	596.33	15.299	1.5036	4.6828	14.169

#1	-.00099	-.00092	-.00187	-.00026	.00021	.00931	-.00122	.00073
#2	-.00131	-.00082	-.00280	.00033	.00018	.00960	-.00134	.00073
#3	-.00107	-.00084	-.00345	.00007	.00015	.00947	-.00129	.00092

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	.00045	.00023	.00306	.00022	.00031	.01425	.00002	
Stddev	.00014	.00004	.00014	.00008	.00039	.00115	.00015	
%RSD	30.201	18.553	4.4757	38.780	129.31	8.0889	965.72	

#1	.00030	.00022	.00292	.00013	.00050	.01533	-.00015	
#2	.00051	.00019	.00308	.00030	-.00015	.01304	.00004	
#3	.00055	.00028	.00319	.00022	.00057	.01437	.00016	

Sample Name: S0 Acquired: 02/13/2020 14:03:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) 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	2345.6	3462.9	62088.	12500.	4183.7
Stddev	11.0	10.0	188.	96.	4.5
%RSD	.46788	.28790	.30342	.76467	.10828
#1	2333.7	3460.4	61887.	12539.	4180.9
#2	2347.7	3473.8	62261.	12570.	4188.9
#3	2355.3	3454.3	62117.	12391.	4181.3

Sample Name: S1 Acquired: 02/13/2020 14:08:00 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) 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	.00012	.00098	.00158	.00152	.00788	.01817	.69096	.01714
Stddev	.00012	.00003	.00010	.00010	.00020	.00069	.02222	.00047
%RSD	107.74	3.3358	6.4838	6.6199	2.5426	3.8022	3.2155	2.7226
#1	.00002	.00101	.00162	.00142	.00767	.01789	.67821	.01680
#2	.00026	.00094	.00146	.00163	.00790	.01766	.67804	.01695
#3	.00007	.00098	.00166	.00152	.00806	.01896	.71661	.01767
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	.01113	.31534	.00180	.02943	.00770	.00798	.01895	.04372
Stddev	.00023	.01181	.00003	.00014	.00012	.00040	.00084	.00167
%RSD	2.0997	3.7441	1.3915	.48898	1.6118	5.0276	4.4069	3.8235
#1	.01087	.30754	.00183	.02957	.00768	.00774	.01837	.04231
#2	.01133	.30954	.00179	.02928	.00758	.00775	.01857	.04327
#3	.01119	.32892	.00179	.02944	.00783	.00844	.01991	.04557
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	.02355	.00158	.01678	.00609	.01121	.09159	-.00078	.00311
Stddev	.00020	.00007	.00059	.00032	.00006	.00199	.00008	.00019
%RSD	.83751	4.1366	3.4998	5.2226	.56341	2.1778	10.264	6.0966
#1	.02344	.00155	.01663	.00594	.01115	.08999	-.00087	.00289
#2	.02378	.00165	.01627	.00588	.01127	.09095	-.00074	.00317
#3	.02343	.00153	.01742	.00646	.01121	.09383	-.00072	.00326
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	.00605	.00197	.03447	.00076	.04045	.05218	.69108	
Stddev	.00010	.00014	.00124	.00006	.00163	.00221	.02519	
%RSD	1.5734	6.9197	3.6110	8.1324	4.0279	4.2295	3.6451	
#1	.00616	.00205	.03336	.00069	.03979	.05080	.67734	
#2	.00598	.00181	.03422	.00081	.03925	.05102	.67575	
#3	.00602	.00204	.03582	.00079	.04231	.05473	.72015	

Sample Name: S1 Acquired: 02/13/2020 14:08:00 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) 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	2296.9	3489.6	60561.	11941.	4238.2
Stddev	8.1	3.8	134.	337.	12.5
%RSD	.35375	.10846	.22198	2.8186	.29433
#1	2287.6	3487.5	60406.	12185.	4236.6
#2	2302.7	3487.3	60648.	12081.	4226.7
#3	2300.3	3494.0	60629.	11557.	4251.5

Sample Name: S2 Acquired: 02/13/2020 14:12:07 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) 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	.03746	.07362	.89344	.04321	.15657	2.8511	7.9235	.42169
Stddev	.00017	.00014	.00073	.00004	.00019	.0074	.0201	.00162
%RSD	.45528	.18973	.08150	.10361	.12445	.26105	.25323	.38370

#1	.03728	.07367	.89426	.04325	.15640	2.8468	7.9227	.42010
#2	.03762	.07373	.89285	.04322	.15653	2.8597	7.9440	.42163
#3	.03748	.07346	.89321	.04316	.15678	2.8469	7.9039	.42334

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.3979	3.3717	.61780	.38045	.56520	.87160	2.1184	.50641
Stddev	.0012	.0102	.01835	.00026	.00140	.00069	.0051	.00102
%RSD	.08445	.30252	2.9695	.06859	.24688	.07914	.24076	.20238

#1	1.3970	3.3751	.60646	.38074	.56520	.87215	2.1227	.50616
#2	1.3993	3.3798	.60798	.38024	.56660	.87183	2.1197	.50754
#3	1.3976	3.3603	.63897	.38038	.56381	.87083	2.1127	.50554

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	.37897	.07098	.14251	.06572	.57444	.59077	.04801	.29194
Stddev	.00063	.00160	.00086	.00030	.01221	.00075	.00038	.00101
%RSD	.16580	2.2547	.60089	.45208	2.1252	.12666	.79279	.34652

#1	.37882	.07012	.14282	.06578	.56807	.59027	.04767	.29235
#2	.37843	.07000	.14317	.06599	.56674	.59163	.04843	.29078
#3	.37966	.07283	.14154	.06540	.58852	.59042	.04794	.29268

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	.68329	.02398	.39264	.10819	.47580	.95725	8.0303	
Stddev	.00260	.00005	.00057	.00010	.00097	.00290	.0077	
%RSD	.38076	.21835	.14450	.09322	.20296	.30262	.09609	

#1	.68034	.02394	.39283	.10810	.47683	.95529	8.0387	
#2	.68424	.02404	.39309	.10830	.47565	.96058	8.0288	
#3	.68528	.02397	.39200	.10816	.47491	.95589	8.0235	

Sample Name: S2 Acquired: 02/13/2020 14:12:07 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) 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	2210.2	3321.1	59456.	12474.	3903.0
Stddev	43.5	3.3	1184.	75.	8.4
%RSD	1.9703	.09813	1.9909	.60232	.21466
#1	2232.6	3321.1	60150.	12436.	3895.4
#2	2238.1	3317.9	60128.	12426.	3901.5
#3	2160.0	3324.4	58089.	12561.	3912.0

Sample Name: S3 Acquired: 02/13/2020 14:15:59 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) 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	.07616	.14690	1.7972	.08582	.31387	5.7992	15.908	.83122
Stddev	.00048	.00009	.0028	.00012	.00024	.0385	.049	.00320
%RSD	.62556	.05996	.15398	.14393	.07729	.66323	.30700	.38472

#1	.07649	.14700	1.7959	.08584	.31368	5.7626	15.875	.82758
#2	.07562	.14684	1.7953	.08568	.31379	5.8393	15.964	.83357
#3	.07638	.14686	1.8004	.08593	.31414	5.7956	15.885	.83251

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	2.7943	6.6686	1.2032	.76852	1.1238	1.7112	4.1699	1.0211
Stddev	.0013	.0171	.0041	.00027	.0076	.0066	.0083	.0052
%RSD	.04461	.25580	.34024	.03497	.68013	.38617	.19820	.50442

#1	2.7936	6.6535	1.2068	.76877	1.1167	1.7047	4.1629	1.0156
#2	2.7936	6.6871	1.2040	.76855	1.1319	1.7179	4.1790	1.0259
#3	2.7957	6.6652	1.1987	.76823	1.1228	1.7110	4.1676	1.0217

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	.76031	.14153	.28761	.13008	1.1509	1.1873	.10006	.58350
Stddev	.00135	.00094	.00158	.00054	.0081	.0097	.00009	.00358
%RSD	.17694	.66176	.54908	.41531	.70009	.81705	.09035	.61399

#1	.75893	.14243	.28596	.12973	1.1568	1.1788	.10012	.57937
#2	.76162	.14161	.28777	.13070	1.1542	1.1979	.09996	.58578
#3	.76040	.14056	.28910	.12981	1.1417	1.1851	.10011	.58535

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	1.3677	.04935	.76698	.21924	.94715	1.9351	15.896
Stddev	.0005	.00015	.00342	.00057	.00225	.0037	.158
%RSD	.03607	.29867	.44551	.26068	.23757	.19393	.99688

#1	1.3677	.04923	.76342	.21951	.94836	1.9311	15.748
#2	1.3682	.04951	.76727	.21858	.94455	1.9386	16.063
#3	1.3672	.04931	.77024	.21963	.94854	1.9355	15.877

Sample Name: S3 Acquired: 02/13/2020 14:15:59 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) 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	2143.0	3180.3	58821.	12277.	3682.1
Stddev	16.5	4.0	637.	51.	4.4
%RSD	.76783	.12707	1.0831	.41411	.11855
#1	2130.9	3184.9	58424.	12315.	3685.7
#2	2136.3	3177.3	58483.	12219.	3677.3
#3	2161.7	3178.7	59556.	12296.	3683.4

Sample Name: S4 Acquired: 02/13/2020 14:19:58 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) 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	.15361	.28676	3.5991	.16963	.63335	11.564	31.093	1.6116
Stddev	.00048	.00040	.0079	.00094	.00088	.028	.246	.0186
%RSD	.31206	.13913	.21936	.55435	.13909	.24410	.79172	1.1543

#1	.15306	.28643	3.5911	.16855	.63255	11.535	31.366	1.6128
#2	.15384	.28720	3.5992	.17025	.63321	11.565	30.886	1.6296
#3	.15394	.28665	3.6069	.17010	.63429	11.591	31.028	1.5925

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	5.5259	13.070	2.3247	1.5328	2.1926	3.3039	8.0834	2.0262
Stddev	.0052	.056	.0300	.0020	.0043	.0059	.0213	.0048
%RSD	.09314	.42851	1.2884	.12831	.19544	.17783	.26320	.23646

#1	5.5210	13.092	2.3401	1.5309	2.1881	3.2974	8.0743	2.0209
#2	5.5256	13.111	2.3438	1.5326	2.1930	3.3089	8.1077	2.0301
#3	5.5312	13.006	2.2902	1.5348	2.1967	3.3053	8.0682	2.0276

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	1.5102	.28129	.57023	.25279	2.3021	2.3601	.20605	1.1385
Stddev	.0029	.00260	.00062	.00145	.0199	.0011	.00110	.0118
%RSD	.19408	.92374	.10847	.57266	.86237	.04703	.53364	1.0331

#1	1.5071	.28364	.57005	.25145	2.3249	2.3589	.20563	1.1381
#2	1.5105	.28173	.56972	.25258	2.2888	2.3609	.20729	1.1505
#3	1.5129	.27850	.57092	.25433	2.2927	2.3606	.20522	1.1270

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	2.7221	.10172	1.4876	.43947	1.8693	3.8738	31.227
Stddev	.0084	.00042	.0183	.00086	.0090	.0045	.275
%RSD	.30915	.41396	1.2275	.19521	.48318	.11574	.87996

#1	2.7124	.10139	1.4858	.43882	1.8730	3.8691	31.510
#2	2.7263	.10158	1.5068	.43916	1.8758	3.8781	31.210
#3	2.7275	.10220	1.4704	.44044	1.8590	3.8743	30.961

Sample Name: S4 Acquired: 02/13/2020 14:19:58 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) 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	2063.1	3001.7	57650.	12144.	3427.0
Stddev	20.7	6.9	479.	62.	3.2
%RSD	1.0057	.22966	.83086	.51148	.09203
#1	2039.2	3009.7	57116.	12115.	3430.2
#2	2073.0	2997.4	57792.	12101.	3427.0
#3	2077.1	2998.1	58042.	12215.	3423.8

Sample Name: S5 Acquired: 02/13/2020 14:24:03 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) 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	.31861	.55851	7.1934	.34228	1.3085	23.052	61.210	3.1464
Stddev	.00092	.00181	.0150	.00084	.0035	.153	.345	.0124
%RSD	.28731	.32320	.20861	.24662	.26685	.66414	.56382	.39405

#1	.31934	.55797	7.1823	.34200	1.3110	23.085	60.856	3.1325
#2	.31758	.55704	7.1875	.34161	1.3045	22.886	61.545	3.1503
#3	.31891	.56052	7.2105	.34322	1.3100	23.187	61.229	3.1564

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	10.894	25.632	4.4893	3.0636	4.3753	6.4037	15.756	4.0499
Stddev	.021	.031	.0028	.0041	.0220	.0224	.044	.0116
%RSD	.19218	.12148	.06296	.13464	.50248	.35006	.27628	.28725

#1	10.883	25.616	4.4922	3.0618	4.3689	6.3897	15.714	4.0390
#2	10.880	25.667	4.4866	3.0606	4.3998	6.4296	15.801	4.0621
#3	10.918	25.611	4.4891	3.0683	4.3573	6.3919	15.752	4.0485

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.9904	.57630	1.1408	.49681	4.7903	4.7826	.42459	2.1908
Stddev	.0012	.00125	.0022	.00314	.0381	.0190	.00159	.0064
%RSD	.04145	.21711	.18814	.63180	.79468	.39713	.37478	.29016

#1	2.9896	.57703	1.1397	.49517	4.8251	4.7843	.42387	2.1835
#2	2.9897	.57701	1.1433	.50043	4.7962	4.8007	.42348	2.1940
#3	2.9918	.57485	1.1395	.49483	4.7496	4.7628	.42641	2.1950

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	5.4727	.21094	2.8858	.87874	3.7058	7.8648	61.276	
Stddev	.0200	.00076	.0040	.00160	.0117	.0167	.520	
%RSD	.36577	.35847	.13874	.18203	.31693	.21270	.84939	

#1	5.4933	.21097	2.8812	.87967	3.6928	7.8484	61.628	
#2	5.4533	.21017	2.8888	.87689	3.7087	7.8818	61.522	
#3	5.4717	.21169	2.8873	.87965	3.7157	7.8641	60.678	

Sample Name: S5 Acquired: 02/13/2020 14:24:03 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) 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	1895.7	2768.4	55564.	12024.	3149.6
Stddev	11.6	7.5	104.	18.	4.4
%RSD	.61068	.26948	.18749	.15282	.13917
#1	1882.7	2762.4	55446.	12029.	3150.1
#2	1904.7	2776.8	55643.	12039.	3153.7
#3	1899.9	2766.1	55603.	12004.	3145.0

Sample Name: S6 Acquired: 02/13/2020 14:28:15 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) 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	59.265	43.805	16.396	6.6218	3.0474
Stddev	.256	.563	.045	.0237	.0133
%RSD	.43194	1.2862	.27203	.35736	.43675

#1	59.557	43.355	16.361	6.5985	3.0393
#2	59.156	43.623	16.380	6.6210	3.0402
#3	59.081	44.437	16.446	6.6458	3.0628

Int. Std.	Y_3710
Units	Cts/S
Avg	11696.
Stddev	67.
%RSD	.57560

#1	11770.
#2	11682.
#3	11637.

Sample Name: ICV Acquired: 02/13/2020 14:32:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) 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	.9295927	1.030730	.9642245	1.004617	.9657233	2.352827
Stddev	.0049061	.004276	.0045258	.005151	.0066590	.039166
%RSD	.5277732	.4148944	.4693770	.5127272	.6895398	1.664618

#1	.9334988	1.035366	.9676266	1.010242	.9663701	2.311637
#2	.9240862	1.026941	.9590880	1.000132	.9587645	2.389592
#3	.9311932	1.029883	.9659591	1.003475	.9720354	2.357252

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5119560	.5186608	.5041805	10.58206	.5367686	.4960000
Stddev	.0083965	.0095202	.0009187	.15299	.0010223	.0009912
%RSD	1.640082	1.835527	.1822062	1.445756	.1904484	.1998304

#1	.5026634	.5076680	.5051939	10.40560	.5368653	.4962811
#2	.5189975	.5241898	.5034024	10.67751	.5377390	.4948987
#3	.5142071	.5241248	.5039451	10.66308	.5357013	.4968203

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4972225	10.13378	.4877870	5.704327	.5080086	.2381355
Stddev	.0092323	.18301	.0096661	.086403	.0009653	.0006960
%RSD	1.856781	1.805952	1.981619	1.514693	.1900121	.2922712

#1	.4884686	9.92742	.4766401	5.606516	.5091227	.2389388
#2	.5068685	10.27639	.4938531	5.770269	.5074240	.2377566
#3	.4963302	10.19752	.4928679	5.736197	.5074789	.2377112

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.274086	.5044100	1.099644	9.306076	F -.000297	F .0091240
Stddev	.189898	.0101400	.003473	.114617	.000840	.0005792
%RSD	2.047623	2.010263	.3158728	1.231640	282.4364	6.347884

#1	9.281093	.4940979	1.103489	9.191444	.000377	.0094703
#2	9.460384	.5143686	1.096734	9.420679	-.000031	.0094463
#3	9.080782	.5047635	1.098709	9.306105	-.001238	.0084554

Sample Name: ICV Acquired: 02/13/2020 14:32:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) 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 .0007918	F .0006245	F .0057012	F .0037156	F -.000506	F .0178372
Stddev	.0002621	.0036407	.0001433	.0007353	.000614	.0012948
%RSD	33.10272	582.9836	2.514227	19.79069	121.1351	7.259221

#1	.0010297	-.000570	.0057116	.0030614	-.001150	.0192141
#2	.0008347	.004712	.0055530	.0035739	.000072	.0176533
#3	.0005108	-.002269	.0058391	.0045114	-.000442	.0166441

Elem	Sr4077
Units	ppm
Avg	F .0012515
Stddev	.0000651
%RSD	5.201987

#1	.0012236
#2	.0013259
#3	.0012051

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2312.777	3425.027	61245.73	12578.71	4134.599
Stddev	18.254	4.710	299.42	151.40	13.665
%RSD	.7892615	.1375062	.4888860	1.203593	.3305080

#1	2292.151	3420.753	60903.14	12752.25	4118.820
#2	2326.850	3430.076	61376.72	12473.67	4142.563
#3	2319.330	3424.251	61457.34	12510.20	4142.415

Sample Name: ICB Acquired: 02/13/2020 14:39:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) 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	.0014464	-.001652	.0003649	.0023654	.0019988	-.007241	.0008892
Stddev	.0021754	.001091	.0003255	.0030941	.0011728	.003326	.0003456
%RSD	150.3962	66.04662	89.19371	130.8055	58.67382	45.93038	38.86399

#1	-.000565	-.002904	-.000007	.0006965	.0006593	-.009874	.0007746
#2	.003755	-.000909	.000598	.0004641	.0028408	-.008345	.0006155
#3	.001148	-.001142	.000504	.0059356	.0024962	-.003503	.0012775

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001310	-.000036	.0006323	.0005162	.0001100	.0141748	.0054597
Stddev	.0000149	.000060	.0027305	.0001792	.0003217	.0006436	.0055524
%RSD	11.33742	163.9530	431.8039	34.71060	292.4274	4.540779	101.6980

#1	.0001179	.000014	.0015594	.0007197	-.000246	.0137781	-.000740
#2	.0001472	-.000021	.0027787	.0003822	.000195	.0149175	.007145
#3	.0001279	-.000103	-.002441	.0004466	.000381	.0138289	.009974

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005809	-.011045	.0001965	.0001837	-.114184	-.000160	-.000291
Stddev	.0002274	.008596	.0002985	.0002988	.075641	.001092	.003254
%RSD	39.14711	77.82822	151.8616	162.6428	66.24452	683.4629	1119.089

#1	.0006629	-.011269	.0005331	.0004287	-.178850	-.001404	-.003185
#2	.0003238	-.019528	-.000036	-.000149	-.132697	.000641	-.000919
#3	.0007558	-.002339	.000092	.000271	-.031006	.000283	.003231

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0854435	.0041060	.0066434	.0005221	.0045916	-.000346	.0028031
Stddev	.0390796	.0005720	.0007149	.0003501	.0022603	.000516	.0005990
%RSD	45.73740	13.93091	10.76163	67.06541	49.22820	148.9499	21.36741

#1	.0752263	.0037328	.0066969	.0004982	.0050508	-.000354	.0031008
#2	.1286168	.0047645	.0073301	.0008836	.0021369	-.000858	.0031948
#3	.0524873	.0038207	.0059032	.0001845	.0065870	.000173	.0021136

Sample Name: ICB Acquired: 02/13/2020 14:39:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) 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	.0005492	.0096558	.0000700
Stddev	.0005108	.0010914	.0000482
%RSD	93.00536	11.30266	68.81453

#1	.0004155	.0106333	.0001255
#2	.0011136	.0098559	.0000390
#3	.0001186	.0084783	.0000455

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2303.011	3402.786	61087.35	12424.59	4127.743
Stddev	12.424	7.693	44.11	71.01	2.256
%RSD	.5394873	.2260823	.0722162	.5714908	.0546650

#1	2299.192	3394.477	61128.66	12501.97	4125.497
#2	2316.896	3404.219	61092.51	12362.43	4127.723
#3	2292.944	3409.662	61040.88	12409.37	4130.009

Sample Name: L1460-02DLX2 Acquired: 02/13/2020 16:05:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATK9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0426966	.0030494	10.27426	-.029091	.0071578	47.87131	1.251615
Stddev	.0077844	.0016250	.03655	.002457	.0013857	.46333	.005494
%RSD	18.23182	53.28920	.3557084	8.446129	19.35986	.9678727	.4389672

#1	.0363929	.0033778	10.23208	-.031157	.0078853	47.44658	1.247297
#2	.0513977	.0044850	10.29447	-.029742	.0080283	48.36542	1.257799
#3	.0402992	.0012852	10.29625	-.026374	.0055598	47.80192	1.249749

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071768	.0127236	255.3725	.0517407	.2250745	.5206653	172.9202
Stddev	.0000340	.0000756	1.3574	.0003730	.0010177	.0076912	1.2778
%RSD	.4740787	.5941521	.5315241	.7209216	.4521649	1.477186	.7389667

#1	.0071442	.0126366	253.9452	.0521681	.2243668	.5137240	171.8542
#2	.0072121	.0127605	256.6470	.0514804	.2262408	.5289337	174.3367
#3	.0071741	.0127736	255.5254	.0515737	.2246159	.5193383	172.5698

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.45092	116.1013	.2824270	-.002466	.0487054	.1906201	.7186874
Stddev	.16277	.9229	.0012132	.000620	.1710251	.0006167	.0072168
%RSD	.6940922	.7949146	.4295458	25.13507	351.1420	.3235183	1.004159

#1	23.29304	115.1835	.2814966	-.003132	-.148670	.1913092	.7140807
#2	23.61817	117.0292	.2837991	-.001907	.141747	.1901202	.7149769
#3	23.44155	116.0911	.2819854	-.002359	.153039	.1904308	.7270045

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.743970	1.484900	-.061989	.0048804	2.956243	1.028267	-.000907
Stddev	.082620	.006770	.003420	.0000273	.007823	.003218	.001365
%RSD	1.741588	.4559129	5.517326	.5593858	.2646180	.3129666	150.4435

#1	4.685924	1.478057	-.063496	.0048608	2.947575	1.025583	.000411
#2	4.838561	1.491594	-.064396	.0048687	2.958373	1.031835	-.000817
#3	4.707425	1.485049	-.058074	.0049116	2.962779	1.027384	-.002315

Sample Name: L1460-02DLX2 Acquired: 02/13/2020 16:05:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGATK9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5251320	.0276934	.0816067
Stddev	.0019947	.0006135	.0002468
%RSD	.3798535	2.215290	.3023974

#1	.5252453	.0270506	.0815124
#2	.5230830	.0277570	.0818868
#3	.5270676	.0282727	.0814210

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2353.496	3528.550	63525.62	13437.85	3689.250
Stddev	12.721	12.311	297.51	136.02	6.893
%RSD	.5405201	.3488847	.4683245	1.012211	.1868532

#1	2341.367	3542.564	63266.97	13466.17	3697.129
#2	2352.384	3519.480	63459.17	13289.90	3684.334
#3	2366.737	3523.605	63850.74	13557.48	3686.286

Sample Name: CCV056 Acquired: 02/13/2020 16:53:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV056 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.920238	4.940517	24.83546	4.847700	4.904162	403.0554	10.02566
Stddev	.010732	.002783	.05495	.005748	.002072	14.4085	.27262
%RSD	.2181251	.0563298	.2212515	.1185629	.0422459	3.574825	2.719224

#1	4.909998	4.937320	24.77360	4.846336	4.902968	403.8164	10.20738
#2	4.919313	4.941833	24.85417	4.842757	4.906555	417.0683	10.15741
#3	4.931403	4.942398	24.87861	4.854007	4.902964	388.2815	9.71219

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4921982	2.502814	408.1094	15.47939	2.513705	14.95463	404.0250
Stddev	.0116924	.005522	12.1527	.03414	.004737	.41358	11.5628
%RSD	2.375551	.2206155	2.977794	.2205476	.1884383	2.765589	2.861902

#1	.4975213	2.497478	413.7874	15.51880	2.508278	15.16282	409.9323
#2	.5002819	2.502460	416.3838	15.46024	2.517008	15.22275	411.4409
#3	.4787913	2.508504	394.1570	15.45912	2.515828	14.47832	390.7019

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.67229	403.4625	2.504432	1.280981	405.9517	2.446352	15.15876
Stddev	.43393	11.4256	.005346	.002916	11.3659	.061357	.07107
%RSD	2.957482	2.831891	.2134552	.2276404	2.799823	2.508120	.4688451

#1	14.88657	409.4495	2.498420	1.278591	411.9480	2.483930	15.20315
#2	14.95740	410.6505	2.506225	1.284230	413.0638	2.479580	15.19635
#3	14.17290	390.2876	2.508651	1.280122	392.8433	2.375547	15.07679

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.2912	5.090955	4.839025	4.769819	5.080267	5.030623	4.975005
Stddev	4.1468	.017107	.117873	.009769	.008808	.123723	.012700
%RSD	2.759185	.3360282	2.435893	.2048028	.1733829	2.459388	.2552719

#1	152.4303	5.078865	4.894748	4.766849	5.070353	5.083565	4.963770
#2	152.9318	5.083471	4.918706	4.761880	5.087191	5.119066	4.972460
#3	145.5117	5.110529	4.703621	4.780728	5.083256	4.889239	4.988784

Sample Name: CCV056 Acquired: 02/13/2020 16:53:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV056 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.025161	5.041584	5.076770
Stddev	.157375	.140531	.143046
%RSD	3.131735	2.787445	2.817664

#1	5.107849	5.112492	5.163009
#2	5.123957	5.132534	5.155653
#3	4.843679	4.879725	4.911649

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1924.215	2869.292	54115.92	11873.57	3150.502
Stddev	9.200	4.148	201.36	313.70	2.104
%RSD	.4781169	.1445824	.3720949	2.642026	.0667675

#1	1915.092	2864.961	54000.27	11707.44	3152.796
#2	1924.063	2873.231	53999.05	11677.86	3150.047
#3	1933.490	2869.684	54348.43	12235.40	3148.664

Sample Name: ICSA Acquired: 02/13/2020 14:44:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) 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	-.002600	.0040994	-.004558	-.008764	.0098453	239.1474
Stddev	.004133	.0032351	.000534	.003057	.0015404	5.3265
%RSD	158.9698	78.91714	11.70565	34.88480	15.64555	2.227286

#1	.001635	.0078324	-.005170	-.011100	.0096204	233.1498
#2	-.002811	.0021138	-.004193	-.009886	.0114857	240.9660
#3	-.006623	.0023519	-.004311	-.005304	.0084297	243.3264

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058170	.0010111	.0008248	257.7927	.0523958	-.000420
Stddev	.0003127	.0000452	.0000218	5.4555	.0011069	.000209
%RSD	5.375425	4.473256	2.645299	2.116220	2.112535	49.76091

#1	.0055249	.0009856	.0008495	251.6520	.0535736	-.000617
#2	.0061468	.0009843	.0008164	259.6462	.0513771	-.000444
#3	.0057793	.0010633	.0008083	262.0799	.0522366	-.000200

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027077	96.67289	.0095958	248.0298	.0006308	-.005104
Stddev	.0004954	2.28921	.0004750	5.5443	.0002205	.000199
%RSD	18.29673	2.367991	4.949592	2.235349	34.95156	3.894853

#1	.0026221	94.08574	.0090473	241.8437	.0003787	-.005322
#2	.0022606	97.49695	.0098703	249.6952	.0007258	-.005056
#3	.0032403	98.43599	.0098696	252.5506	.0007878	-.004933

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.441914	.0019061	.0032876	-.030978	F .0115400	-.036187
Stddev	.382597	.0021903	.0017026	.007290	.0004379	.003026
%RSD	86.57721	114.9109	51.78876	23.53173	3.794263	8.361653

#1	-.089830	.0040445	.0018431	-.038430	.0115535	-.039678
#2	-.849057	-.000333	.0051648	-.023863	.0110955	-.034320
#3	-.386855	.002007	.0028548	-.030640	.0119709	-.034563

Sample Name: ICSA Acquired: 02/13/2020 14:44:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) 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	.0015106	.0019393	-.003312	-.001230	-.001906	.0087188
Stddev	.0004029	.0051700	.000696	.001212	.001114	.0013315
%RSD	26.67027	266.5899	21.00128	98.56002	58.47636	15.27158

#1	.0013099	.0024073	-.003476	-.002252	-.002982	.0072210
#2	.0019745	-.003449	-.003911	-.001546	-.000757	.0091670
#3	.0012476	.006859	-.002549	.000109	-.001979	.0097682

Elem	Sr4077
Units	ppm
Avg	.0967976
Stddev	.0022777
%RSD	2.353022

#1	.0941895
#2	.0978086
#3	.0983948

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2149.060	3177.236	57833.14	12287.30	3568.675
Stddev	10.237	5.985	201.12	175.09	4.087
%RSD	.4763348	.1883775	.3477621	1.424929	.1145211

#1	2139.002	3181.122	57641.60	12485.34	3565.538
#2	2159.467	3170.344	58042.64	12223.52	3567.191
#3	2148.712	3180.243	57815.18	12153.05	3573.297

Sample Name: ICSAB Acquired: 02/13/2020 14:54:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0963338	.1067379	.0447517	.0370519	.5723519	229.4904	.4997207
Stddev	.0045644	.0024988	.0016495	.0007990	.0009275	1.2033	.0011585
%RSD	4.738135	2.341078	3.685958	2.156504	.1620505	.5243190	.2318379

#1	.0926577	.1081866	.0428485	.0379500	.5714101	228.2154	.4999417
#2	.0949009	.1081745	.0456378	.0364196	.5732644	229.6498	.4984676
#3	.1014428	.1038525	.0457687	.0367862	.5723810	230.6060	.5007529

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4895746	.9686681	249.4355	.5439086	.4797226	.4391400	93.68323
Stddev	.0032800	.0005442	.7712	.0004210	.0006954	.0038823	.46519
%RSD	.6699738	.0561847	.3091942	.0773998	.1449556	.8840744	.4965516

#1	.4879952	.9690115	248.8967	.5435551	.4805100	.4350393	93.22117
#2	.4873830	.9680406	249.0908	.5437962	.4794654	.4396218	93.67705
#3	.4933455	.9689522	250.3189	.5443743	.4791926	.4427590	94.15148

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4655866	239.4827	.9635641	.1897598	-.346914	.4836487	1.110128
Stddev	.0021857	1.5000	.0014963	.0009120	.125985	.0052385	.012884
%RSD	.4694437	.6263425	.1552853	.4806355	36.31585	1.083118	1.160577

#1	.4632225	238.1025	.9650812	.1900986	-.391785	.4782535	1.101678
#2	.4660036	239.2667	.9635216	.1904541	-.444319	.4887149	1.124957
#3	.4675338	241.0791	.9620895	.1887269	-.204636	.4839776	1.103750

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.115720	.0070929	-.038542	.0016190	.0077243	-.002079	-.003795
Stddev	.031011	.0034603	.000545	.0003680	.0041515	.000959	.001578
%RSD	26.79825	48.78554	1.413831	22.72854	53.74643	46.12826	41.59487

#1	-.149553	.0073818	-.039144	.0018894	.0033157	-.000974	-.002229
#2	-.088646	.0103997	-.038083	.0012000	.0082982	-.002564	-.003770
#3	-.108961	.0034972	-.038398	.0017677	.0115590	-.002699	-.005385

Sample Name: ICSAB Acquired: 02/13/2020 14:54:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002340	.0040792	.0939568
Stddev	.000678	.0001125	.0003220
%RSD	28.98627	2.757435	.3427425

#1	-.001563	.0039947	.0942658
#2	-.002817	.0040361	.0936232
#3	-.002638	.0042069	.0939812

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2133.473	3185.859	57606.97	12170.03	3584.383
Stddev	18.679	5.682	283.76	35.94	8.309
%RSD	.8754998	.1783482	.4925766	.2952797	.2318150

#1	2125.050	3179.349	57591.13	12195.01	3574.797
#2	2120.490	3189.819	57331.46	12186.23	3588.823
#3	2154.880	3188.410	57898.31	12128.85	3589.528

Sample Name: CCV055 Acquired: 02/13/2020 14:58:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV055 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.861200	4.891639	24.78957	4.777954	4.880293	404.5054	9.972858
Stddev	.021602	.005246	.05825	.017316	.026507	5.7697	.039551
%RSD	.4443740	.1072500	.2349818	.3624070	.5431385	1.426351	.3965911

#1	4.841881	4.897566	24.72238	4.758458	4.849779	404.9955	9.998679
#2	4.857194	4.889762	24.82588	4.783862	4.897618	398.5063	9.927325
#3	4.884524	4.887590	24.82045	4.791543	4.893483	410.0144	9.992571

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4998821	2.501145	406.0218	15.39085	2.511748	14.99808	408.9566
Stddev	.0007515	.005553	1.2276	.01133	.010444	.01344	1.4605
%RSD	.1503377	.2220062	.3023459	.0736446	.4158078	.0895848	.3571302

#1	.5004456	2.494818	406.3772	15.38611	2.500118	14.98424	408.9481
#2	.4990288	2.505206	404.6557	15.38266	2.520327	15.01107	407.5003
#3	.5001718	2.503413	407.0324	15.40379	2.514798	14.99893	410.4213

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.73681	409.7511	2.500404	1.263461	407.1154	2.488804	14.94430
Stddev	.05920	1.7622	.006147	.004843	.6031	.003530	.07701
%RSD	.4016957	.4300687	.2458322	.3832757	.1481331	.1418544	.5153250

#1	14.73756	409.3404	2.493510	1.265780	407.3752	2.485168	15.03039
#2	14.67724	408.2304	2.505314	1.257895	406.4259	2.489025	14.88196
#3	14.79562	411.6823	2.502386	1.266708	407.5449	2.492219	14.92055

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.7484	5.043326	4.882335	4.836661	5.053779	5.037687	5.027676
Stddev	.1704	.007767	.009316	.013777	.014777	.022410	.009164
%RSD	.1123076	.1540108	.1908004	.2848377	.2923966	.4448428	.1822775

#1	151.5680	5.036738	4.881084	4.820955	5.040369	5.040290	5.021399
#2	151.7705	5.051891	4.873708	4.846702	5.051347	5.014089	5.038192
#3	151.9067	5.041350	4.892213	4.842328	5.069622	5.058681	5.023437

Sample Name: CCV055 Acquired: 02/13/2020 14:58:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV055 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.005788	5.063774	4.990027
Stddev	.029772	.011791	.013612
%RSD	.5947548	.2328514	.2727920

#1	4.992906	5.052476	5.001817
#2	4.984626	5.062843	4.975130
#3	5.039832	5.076003	4.993135

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1974.915	2914.555	55484.83	11922.04	3203.821
Stddev	15.790	4.204	285.58	65.07	3.617
%RSD	.7995061	.1442421	.5146942	.5458158	.1129091

#1	1957.731	2918.772	55376.94	11907.29	3207.474
#2	1988.784	2910.365	55808.63	11993.22	3200.240
#3	1978.230	2914.527	55268.91	11865.61	3203.748

Sample Name: CCB055 Acquired: 02/13/2020 15:16:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB055 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011369	-.003120	-.000572	.0020316	.0003189	-.003799	-.000049
Stddev	.0007340	.000369	.001090	.0019715	.0014162	.004590	.000410
%RSD	64.56300	11.82938	190.4186	97.04087	444.0848	120.8030	830.4075

#1	.0004628	-.002872	-.001797	-.000233	.0018232	-.007102	-.000022
#2	.0010291	-.002943	.000292	.003366	.0001223	-.005738	-.000472
#3	.0019189	-.003544	-.000212	.002962	-.000989	.001442	.000346

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000697	-.000057	-.001846	.0001040	.0000232	.0061393	.0040388
Stddev	.0000723	.000038	.003072	.0004178	.0002043	.0004391	.0077982
%RSD	103.7748	66.24397	166.4521	401.6127	879.0437	7.152369	193.0809

#1	.0000366	-.000099	-.004043	.0005853	.0002410	.0062811	-.003386
#2	.0000199	-.000049	-.003158	-.000167	-.000007	.0064900	.012163
#3	.0001527	-.000024	.001665	-.000107	-.000164	.0056468	.003339

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000383	.0025822	-.000040	.0003204	-.010860	.0008391	.0008196
Stddev	.0005139	.0325416	.000277	.0003073	.133031	.0004811	.0021825
%RSD	1343.381	1260.241	695.6462	95.91288	1225.000	57.33307	266.2936

#1	.0001031	.0024535	-.000272	.0006726	.012259	.0003266	-.001096
#2	-.000505	-.029895	.000268	.0001076	-.153934	.0012810	.003195
#3	.000517	.035188	-.000116	.0001809	.109097	.0009099	.000360

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0424784	.0005675	.0025848	.0001702	.0044021	.0006306	.0015614
Stddev	.0513562	.0033399	.0001735	.0000956	.0027960	.0012809	.0004629
%RSD	120.8995	588.5192	6.713315	56.19612	63.51326	203.1220	29.64609

#1	-.015965	.0015876	.0024343	.0000948	.0019148	.0000932	.0020604
#2	.062998	.0032784	.0025454	.0002778	.0038634	-.000294	.0011461
#3	.080402	-.003163	.0027746	.0001381	.0074283	.002093	.0014776

Sample Name: CCB055 Acquired: 02/13/2020 15:16:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB055 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001397	.0055220	.0000578
Stddev	.0003149	.0005459	.0000122
%RSD	225.4872	9.886356	21.14345

#1	-.000015	.0059864	.0000564
#2	.000502	.0049206	.0000463
#3	-.000068	.0056588	.0000706

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2263.982	3400.753	59758.11	12168.48	4088.096
Stddev	22.231	1.005	568.82	67.08	6.159
%RSD	.9819279	.0295525	.9518773	.5512602	.1506650

#1	2256.159	3400.207	59818.88	12091.53	4084.639
#2	2246.721	3400.140	59161.34	12214.62	4095.207
#3	2289.067	3401.913	60294.11	12199.28	4084.442

Sample Name: L1460-20 Acquired: 02/13/2020 15:28:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATM5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1953287	.0287352	2.830403	-.074328	.0180772	212.0062
Stddev	.0044727	.0021101	.005575	.006001	.0019765	.6011
%RSD	2.289813	7.343440	.1969657	8.073498	10.93370	.2835156

#1	.1909509	.0266982	2.831025	-.080880	.0177738	211.3218
#2	.1998906	.0285959	2.824543	-.069100	.0201879	212.2486
#3	.1951446	.0309116	2.835640	-.073003	.0162700	212.4482

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.634930	.0185801	.0231564	30.25019	.3310479	.2725065
Stddev	.009170	.0000521	.0000805	.04817	.0005938	.0009874
%RSD	.3480281	.2801734	.3475865	.1592342	.1793651	.3623323

#1	2.631387	.0186369	.0232442	30.23290	.3305349	.2714199
#2	2.628060	.0185686	.0231390	30.21304	.3316984	.2727508
#3	2.645343	.0185348	.0230861	30.30461	.3309105	.2733487

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3913463	544.6625	F 30.40944	11.76039	.2590632	-.016289
Stddev	.0017814	.8602	.05606	.02299	.0006006	.000145
%RSD	.4551953	.1579254	.1843472	.1955095	.2318349	.8891661

#1	.3892896	543.7578	30.42193	11.74573	.2583724	-.016202
#2	.3924031	544.7597	30.34819	11.74855	.2593557	-.016456
#3	.3923463	545.4699	30.45820	11.78689	.2594615	-.016209

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.16320	.7748508	1.287391	6.926832	3.278983	-.152569
Stddev	.07652	.0029438	.007157	.027855	.008570	.001672
%RSD	6.578177	.3799200	.5559410	.4021303	.2613563	1.096040

#1	-1.20252	.7743266	1.279776	6.930914	3.271359	-.151617
#2	-1.07501	.7780215	1.288416	6.952420	3.277331	-.151590
#3	-1.21206	.7722043	1.293980	6.897161	3.288258	-.154500

Sample Name: L1460-20 Acquired: 02/13/2020 15:28:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATM5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118032	.6408173	1.828552	.0154782	1.072518	.0867749
Stddev	.0001593	.0095516	.004382	.0009833	.005677	.0001715
%RSD	1.349258	1.490537	.2396404	6.352710	.5292688	.1976369

#1	.0116201	.6299896	1.827205	.0160059	1.078670	.0869728
#2	.0119096	.6480492	1.825001	.0143437	1.067483	.0866814
#3	.0118799	.6444130	1.833449	.0160849	1.071402	.0866703

Elem	Sr4077
Units	ppm
Avg	.1183640
Stddev	.0002450
%RSD	.2070147

#1	.1186361
#2	.1181607
#3	.1182951

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2652.214	3920.767	71082.08	14705.78	3861.144
Stddev	12.502	5.622	78.42	50.03	1.061
%RSD	.4713985	.1433821	.1103189	.3401975	.0274880

#1	2644.725	3922.315	71024.14	14649.69	3861.602
#2	2666.647	3914.534	71050.80	14745.81	3861.900
#3	2645.268	3925.453	71171.31	14721.83	3859.931

Sample Name: L1460-19 Acquired: 02/13/2020 15:24:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATM4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1288130	.0307909	.9294463	-.077120	.0156198	234.0821	1.467045
Stddev	.0063308	.0009980	.0023830	.007762	.0024828	.7698	.003081
%RSD	4.914743	3.241391	.2563886	10.06543	15.89505	.3288618	.2100123

#1	.1314757	.0319171	.9269371	-.083503	.0160216	233.2894	1.464716
#2	.1215857	.0300161	.9297228	-.068479	.0129606	234.1300	1.465880
#3	.1333775	.0304394	.9316789	-.079379	.0178772	234.8268	1.470538

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0171836	.0195337	32.95865	.5398717	.2641946	.3210445	552.2461
Stddev	.0001746	.0002354	.08412	.0013927	.0014827	.0017663	.9478
%RSD	1.015838	1.205082	.2552405	.2579672	.5612146	.5501707	.1716303

#1	.0173505	.0192682	33.03895	.5414493	.2631858	.3205483	552.2149
#2	.0170023	.0196157	32.87117	.5388126	.2635010	.3195793	551.3143
#3	.0171981	.0197171	32.96584	.5393534	.2658970	.3230058	553.2092

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.96242	12.28183	.1861847	-.018898	-1.20177	.7971552	1.313946
Stddev	.06543	.01710	.0004079	.000591	.12202	.0017607	.019100
%RSD	.3450357	.1391985	.2191019	3.125171	10.15325	.2208715	1.453619

#1	19.00665	12.29595	.1860262	-.018321	-1.23799	.7967853	1.295832
#2	18.88726	12.26282	.1858798	-.019502	-1.06574	.7956088	1.312109
#3	18.99334	12.28672	.1866481	-.018870	-1.30158	.7990714	1.333899

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.525981	1.990483	-.141738	.0099990	.7795663	1.838759	.0153029
Stddev	.058267	.017155	.012588	.0001919	.0069275	.013414	.0021993
%RSD	.7742174	.8618384	8.881216	1.918964	.8886375	.7295405	14.37169

#1	7.465874	1.979103	-.155833	.0101998	.7869198	1.853671	.0165135
#2	7.529851	1.982130	-.137768	.0099797	.7731629	1.834933	.0166309
#3	7.582216	2.010214	-.131614	.0098175	.7786161	1.827673	.0127643

Sample Name: L1460-19 Acquired: 02/13/2020 15:24:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGATM4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.101020	.0715602	.1175820
Stddev	.009105	.0005548	.0002584
%RSD	.8269330	.7752318	.2197833

#1	1.110194	.0718286	.1176353
#2	1.091986	.0709223	.1173011
#3	1.100880	.0719296	.1178096

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2474.296	3631.158	65753.05	13606.97	3872.664
Stddev	28.574	14.258	533.92	60.64	19.124
%RSD	1.154834	.3926467	.8120065	.4456503	.4938205

#1	2498.226	3635.145	66165.42	13549.64	3886.185
#2	2482.002	3642.998	65943.77	13670.45	3881.023
#3	2442.659	3615.331	65149.96	13600.81	3850.783

Sample Name: L1460-21 Acquired: 02/13/2020 15:32:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATM6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1878778	.0341254	.4406011	-.098383	.0196333	262.4072	1.219324
Stddev	.0019771	.0031391	.0033976	.001729	.0025827	1.3413	.005379
%RSD	1.052346	9.198658	.7711392	1.757847	13.15479	.5111517	.4411829

#1	.1878369	.0369021	.4367185	-.096585	.0179332	263.3702	1.222844
#2	.1898751	.0347549	.4420545	-.100034	.0226053	260.8752	1.221996
#3	.1859215	.0307193	.4430303	-.098529	.0183613	262.9761	1.213132

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0237487	.0097225	35.83906	.5257713	.0744382	.6465135	663.7046
Stddev	.0000914	.0001319	.04392	.0023873	.0002524	.0040071	2.0258
%RSD	.3848196	1.356864	.1225368	.4540571	.3390496	.6198023	.3052325

#1	.0238407	.0096081	35.88156	.5271136	.0746612	.6491645	664.1849
#2	.0236580	.0096925	35.84178	.5230150	.0741642	.6484723	665.4471
#3	.0237474	.0098668	35.79385	.5271853	.0744892	.6419038	661.4817

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.00594	16.20182	.2499879	-.023960	-1.59314	.8947076	.7537001
Stddev	.01940	.02215	.0002590	.000372	.06702	.0060611	.0067973
%RSD	.1762559	.1366981	.1036191	1.550577	4.207037	.6774440	.9018504

#1	11.02781	16.22068	.2496984	-.023917	-1.55100	.8907807	.7587346
#2	10.99917	16.20735	.2501976	-.024351	-1.55799	.9016882	.7563975
#3	10.99083	16.17743	.2500678	-.023612	-1.67043	.8916538	.7459682

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.507340	2.824551	-.168649	.0047635	.7388734	2.156523	.0186636
Stddev	.075842	.007101	.011022	.0005760	.0091618	.007926	.0019973
%RSD	.7977155	.2514008	6.535277	12.09140	1.239963	.3675205	10.70165

#1	9.588411	2.822096	-.169601	.0054283	.7483123	2.153288	.0177146
#2	9.495486	2.819003	-.157182	.0044493	.7300165	2.150727	.0209585
#3	9.438124	2.832554	-.179164	.0044130	.7382914	2.165555	.0173178

Sample Name: L1460-21 Acquired: 02/13/2020 15:32:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGATM6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8631294	.0958450	.1439922
Stddev	.0041484	.0006046	.0001966
%RSD	.4806291	.6308103	.1365517

#1	.8623400	.0959583	.1439080
#2	.8594323	.0951918	.1438517
#3	.8676158	.0963850	.1442169

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2598.903	3802.302	69308.00	14495.22	3805.839
Stddev	16.729	1.009	252.10	25.52	5.134
%RSD	.6437084	.0265254	.3637368	.1760702	.1349081

#1	2596.415	3803.412	69171.51	14466.69	3811.425
#2	2583.556	3802.051	69153.57	14503.10	3804.766
#3	2616.736	3801.442	69598.91	14515.87	3801.326

Sample Name: L1460-22 Acquired: 02/13/2020 15:36:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATM7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1845093	.0393388	.7945207	-.120420	.0254801	279.0248
Stddev	.0035885	.0010161	.0089167	.006030	.0009259	2.7949
%RSD	1.944916	2.582851	1.122276	5.007851	3.633860	1.001673

#1	.1850796	.0400748	.7874542	-.126345	.0247929	276.3525
#2	.1806698	.0397621	.7915689	-.120626	.0265330	278.7940
#3	.1877786	.0381795	.8045390	-.114290	.0251144	281.9280

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.359440	.0236663	.0151180	38.86415	.2654974	.2339262
Stddev	.007988	.0002332	.0006082	.21011	.0046936	.0008663
%RSD	.2377725	.9853069	4.023144	.5406347	1.767835	.3703094

#1	3.364626	.0239163	.0144158	38.98324	.2703681	.2331474
#2	3.350242	.0234548	.0154809	38.62155	.2651204	.2337719
#3	3.363453	.0236278	.0154572	38.98767	.2610037	.2348591

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.035246	F 815.3744	F 77.43578	19.07161	.3947776	-.016685
Stddev	.002180	12.0125	.36309	.03891	.0011954	.000441
%RSD	.2105505	1.473243	.4688889	.2040449	.3028073	2.644911

#1	1.037611	826.0474	77.24136	19.02784	.3934034	-.017161
#2	1.034807	802.3656	77.21130	19.08471	.3953515	-.016290
#3	1.033318	817.7103	77.85468	19.10229	.3955778	-.016604

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.89352	1.283276	.9467358	9.464489	3.495404	^ *****
Stddev	.12209	.002265	.0115710	.026781	.010403	-----
%RSD	6.447636	.1765234	1.222200	.2829621	.2976159	-----

#1	-2.02513	1.285263	.9600279	9.480536	3.483843	^ -----
#2	-1.78397	1.283757	.9389155	9.433572	3.498360	^ -----
#3	-1.87146	1.280809	.9412641	9.479358	3.504009	^ -----

Sample Name: L1460-22 Acquired: 02/13/2020 15:36:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATM7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039314	.8916637	3.173585	.0212340	1.069804	.0923823
Stddev	.0003278	.0088641	.014217	.0023036	.008264	.0010840
%RSD	8.337839	.9941020	.4479789	10.84857	.7724371	1.173426

#1	.0041928	.8980001	3.181087	.0210840	1.062228	.0922743
#2	.0035636	.8954569	3.157188	.0236090	1.068568	.0913564
#3	.0040377	.8815343	3.182479	.0190091	1.078616	.0935163

Elem	Sr4077
Units	ppm
Avg	.1449794
Stddev	.0007882
%RSD	.5436377

#1	.1443714
#2	.1446970
#3	.1458699

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2701.460	4028.375	72362.06	15256.21	3768.698
Stddev	30.171	5.110	622.89	70.54	8.746
%RSD	1.116854	.1268466	.8607988	.4623779	.2320819

#1	2668.320	4024.722	71643.18	15221.78	3778.793
#2	2727.336	4026.189	72741.48	15337.35	3763.913
#3	2708.724	4034.214	72701.52	15209.49	3763.389

Sample Name: L1460-05 Acquired: 02/13/2020 15:45:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATL0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0982949	.0179365	.6059609	-.134932	.0280625	213.8536
Stddev	.0043336	.0009327	.0045700	.010011	.0003837	.7809
%RSD	4.408763	5.199928	.7541667	7.419349	1.367453	.3651563

#1	.1022458	.0181438	.6111586	-.146144	.0284955	213.3885
#2	.0936600	.0187481	.6025730	-.126890	.0279274	214.7552
#3	.0989790	.0169176	.6041512	-.131761	.0277645	213.4172

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.352967	.0164481	.0131542	41.48958	.1216156	.2798182
Stddev	.003893	.0001551	.0002943	.25319	.0011220	.0013179
%RSD	.1161024	.9428268	2.237041	.6102569	.9225721	.4709700

#1	3.349558	.0162749	.0134803	41.20204	.1228732	.2811295
#2	3.357209	.0164950	.0129084	41.58754	.1207172	.2784938
#3	3.352135	.0165742	.0130741	41.67915	.1212563	.2798315

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4832003	F 871.9961	F 121.6650	19.96260	.4192289	-.016363
Stddev	.0041924	5.1272	1.2274	.06529	.0005076	.000461
%RSD	.8676327	.5879790	1.008798	.3270651	.1210893	2.820200

#1	.4789135	866.4306	121.3316	19.88858	.4190543	-.016789
#2	.4872914	876.5271	120.6388	20.01201	.4188317	-.015873
#3	.4833959	873.0307	123.0246	19.98721	.4198009	-.016427

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.93434	.8333745	.8324304	9.096397	5.110496	^ *****
Stddev	.22230	.0024742	.0075023	.088059	.018059	-----
%RSD	11.49211	.2968841	.9012480	.9680665	.3533617	-----

#1	-1.84451	.8320603	.8410213	9.001214	5.131224	^ -----
#2	-1.77101	.8362284	.8290998	9.174964	5.102102	^ -----
#3	-2.18749	.8318347	.8271701	9.113015	5.098162	^ -----

Sample Name: L1460-05 Acquired: 02/13/2020 15:45:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATL0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051247	1.941931	3.202392	.0158904	1.260528	.1061784
Stddev	.0007515	.005455	.021991	.0030335	.011615	.0011578
%RSD	14.66419	.2809181	.6867037	19.09007	.9214362	1.090423

#1	.0059492	1.943622	3.177026	.0192182	1.253610	.1071751
#2	.0044782	1.946340	3.214052	.0132798	1.254036	.1049084
#3	.0049466	1.935830	3.216097	.0151731	1.273937	.1064516

Elem	Sr4077
Units	ppm
Avg	.0658484
Stddev	.0003347
%RSD	.5083046

#1	.0657045
#2	.0656097
#3	.0662310

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2421.569	3598.638	64741.04	13520.83	3766.999
Stddev	20.263	5.416	278.29	60.14	6.272
%RSD	.8367688	.1504935	.4298467	.4448111	.1664899

#1	2399.830	3593.373	64470.81	13589.50	3759.762
#2	2439.932	3604.193	65026.74	13495.42	3770.857
#3	2424.945	3598.347	64725.58	13477.56	3770.377

Sample Name: L1459-16 Acquired: 02/13/2020 15:41:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATK1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2034059	.0074941	1.410358	-.210165	.0333651	152.6979
Stddev	.0031770	.0037666	.006239	.007400	.0009427	.7263
%RSD	1.561911	50.26157	.4423567	3.520945	2.825403	.4756775

#1	.2014612	.0115769	1.406696	-.206187	.0328028	152.9332
#2	.2016845	.0067510	1.406817	-.218703	.0328389	151.8831
#3	.2070722	.0041544	1.417562	-.205605	.0344534	153.2775

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.365338	.0297798	.0355013	73.21235	.0474629	.4683973
Stddev	.009724	.0001776	.0007384	.31189	.0018333	.0021090
%RSD	.1812399	.5964854	2.079858	.4260114	3.862611	.4502669

#1	5.375705	.0296165	.0355793	73.50147	.0459736	.4672449
#2	5.356419	.0299689	.0347271	73.25375	.0469047	.4671155
#3	5.363890	.0297538	.0361977	72.88182	.0495104	.4708314

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4344504	F 1211.397	F 178.6355	37.51416	.7745161	-.018469
Stddev	.0044129	12.809	4.3742	.04773	.0024040	.000842
%RSD	1.015751	1.057342	2.448652	.1272188	.3103821	4.561377

#1	.4377425	1225.114	176.8548	37.55284	.7736491	-.017796
#2	.4294360	1209.329	183.6192	37.46082	.7726659	-.018196
#3	.4361727	1199.748	175.4327	37.52881	.7772333	-.019413

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.59200	.6512810	1.021101	7.805918	4.150675	^ *****
Stddev	.09435	.0062630	.005355	.039594	.005182	-----
%RSD	3.639925	.9616481	.5244775	.5072347	.1248544	-----

#1	-2.61657	.6476639	1.024944	7.815358	4.146784	^ -----
#2	-2.67162	.6585129	1.014984	7.762456	4.148684	^ -----
#3	-2.48779	.6476662	1.023375	7.839939	4.156558	^ -----

Sample Name: L1459-16 Acquired: 02/13/2020 15:41:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATK1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004835	1.687061	2.693947	.0158923	.4418883	.0726299
Stddev	.000303	.025281	.003909	.0017992	.0020024	.0004909
%RSD	6.258646	1.498534	.1450994	11.32128	.4531366	.6759225
#1	-.004783	1.687662	2.696831	.0173276	.4407570	.0730469
#2	-.005160	1.661484	2.695512	.0138738	.4442002	.0720888
#3	-.004562	1.712036	2.689498	.0164755	.4407076	.0727540

Elem	Sr4077
Units	ppm
Avg	.0761615
Stddev	.0001639
%RSD	.2151819
#1	.0762034
#2	.0763004
#3	.0759808

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3162.506	4670.719	86307.68	18067.36	3552.705
Stddev	13.685	10.355	253.50	32.07	11.475
%RSD	.4327194	.2216944	.2937109	.1775107	.3229964
#1	3146.919	4668.550	86021.26	18050.13	3553.707
#2	3168.052	4681.986	86503.14	18047.58	3563.646
#3	3172.548	4661.621	86398.65	18104.36	3540.762

Sample Name: L1457-14DLX2 Acquired: 02/13/2020 16:01:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGATF0 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0573749	.0097549	.8403352	-.034761	.0071753	84.55127	1.926952
Stddev	.0049602	.0024273	.0018870	.001202	.0005184	.63300	.015742
%RSD	8.645245	24.88230	.2245513	3.457200	7.225143	.7486556	.8169360

#1	.0527020	.0085112	.8421961	-.034532	.0065816	83.96328	1.909641
#2	.0625795	.0082016	.8384231	-.036061	.0075386	84.46925	1.930808
#3	.0568433	.0125520	.8403863	-.033690	.0074055	85.22128	1.940408

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087605	.0150760	103.9879	.1550555	.0406275	.5189026	227.0129
Stddev	.0000749	.0001183	.9066	.0011628	.0005063	.0023342	1.7677
%RSD	.8547637	.7847379	.8718035	.7499047	1.246208	.4498309	.7786611

#1	.0087666	.0150810	102.9768	.1558917	.0400445	.5162075	225.1480
#2	.0086827	.0151917	104.2587	.1555472	.0408814	.5202804	227.2267
#3	.0088321	.0149552	104.7282	.1537277	.0409567	.5202199	228.6639

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.31286	55.37417	.1290045	.0119016	-.030026	.3626947	.5912548
Stddev	.23751	.48724	.0005609	.0004063	.101980	.0040835	.0097906
%RSD	.9026516	.8798978	.4348189	3.414123	339.6340	1.125889	1.655901

#1	26.04880	54.83368	.1296162	.0120127	.066435	.3593753	.5875767
#2	26.38075	55.50913	.1288830	.0114513	-.019766	.3614541	.5838360
#3	26.50904	55.77971	.1285143	.0122408	-.136748	.3672546	.6023518

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.869953	1.491048	-.087465	.0007777	2.589188	1.835568	.0033014
Stddev	.011974	.013738	.001322	.0002705	.002685	.007247	.0012058
%RSD	.4172303	.9213955	1.511775	34.78390	.1037179	.3948088	36.52322

#1	2.871217	1.506879	-.086904	.0010800	2.591046	1.828580	.0029663
#2	2.881245	1.484010	-.086516	.0005585	2.586109	1.835076	.0046394
#3	2.857397	1.482254	-.088976	.0006945	2.590410	1.843049	.0022987

Sample Name: L1457-14DLX2 Acquired: 02/13/2020 16:01:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGATF0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2130312	.0423866	.0686006
Stddev	.0024877	.0004100	.0007852
%RSD	1.167739	.9672617	1.144657

#1	.2102341	.0419521	.0676940
#2	.2149960	.0424411	.0690409
#3	.2138636	.0427666	.0690669

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3145.939	4672.208	84812.68	17939.65	3733.610
Stddev	13.675	14.311	458.66	87.13	8.806
%RSD	.4346798	.3062998	.5407916	.4856638	.2358494

#1	3146.311	4655.718	84363.41	18033.97	3723.622
#2	3159.424	4681.388	85280.18	17922.78	3740.253
#3	3132.082	4679.517	84794.44	17862.19	3736.955

Sample Name: L1457-13DLX2 Acquired: 02/13/2020 15:57:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATE9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0527405	.0107051	.1567285	-.027670	.0031796	31.95387	1.404827
Stddev	.0016501	.0003607	.0043990	.003035	.0008547	.08630	.003995
%RSD	3.128732	3.369194	2.806777	10.96715	26.88225	.2700665	.2843544

#1	.0544395	.0110341	.1610295	-.027015	.0025982	31.88320	1.403908
#2	.0526381	.0107619	.1522376	-.025017	.0041610	31.92836	1.401372
#3	.0511440	.0103194	.1569184	-.030979	.0027794	32.05004	1.409202

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057271	.0110059	202.2625	.0260251	.0502380	.4100556	142.1428
Stddev	.0001132	.0001473	.4421	.0002344	.0003175	.0020276	.5935
%RSD	1.975903	1.338740	.2185966	.9005697	.6320287	.4944599	.4175584

#1	.0056030	.0108361	201.7822	.0262361	.0498990	.4093970	141.9234
#2	.0057538	.0110804	202.3529	.0260663	.0502863	.4084392	141.6902
#3	.0058246	.0111011	202.6525	.0257728	.0505285	.4123306	142.8148

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.58348	107.8674	.1944132	-.000044	.1888366	.2267948	.2617118
Stddev	.09241	.5470	.0004315	.000244	.0718227	.0017613	.0040666
%RSD	.3758896	.5071154	.2219699	559.8950	38.03432	.7766215	1.553840

#1	24.51714	107.4288	.1944337	.000201	.2226142	.2255984	.2598756
#2	24.54428	107.6931	.1939717	-.000288	.2375436	.2259687	.2588872
#3	24.68903	108.4803	.1948340	-.000044	.1063520	.2288174	.2663727

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.006825	1.449438	-.066980	-.000017	.8939554	1.260179	.0008621
Stddev	.009334	.003348	.002629	.000028	.0034200	.007989	.0008009
%RSD	.9270865	.2309597	3.924725	165.2094	.3825643	.6339502	92.89683

#1	.997681	1.448173	-.064038	.000015	.8968671	1.250984	.0004205
#2	1.016338	1.453234	-.069099	-.000039	.8948098	1.264139	.0017866
#3	1.006455	1.446907	-.067803	-.000027	.8901892	1.265414	.0003793

Sample Name: L1457-13DLX2 Acquired: 02/13/2020 15:57:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGATE9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1156484	.0108560	.0800146
Stddev	.0006392	.0003024	.0002413
%RSD	.5527507	2.785512	.3015244

#1	.1149749	.0111749	.0799761
#2	.1157235	.0108200	.0797950
#3	.1162467	.0105733	.0802728

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4826.585	7144.034	132020.0	28065.26	3539.763
Stddev	11.685	1.606	702.2	154.62	6.420
%RSD	.2420907	.0224858	.5318639	.5509243	.1813817

#1	4829.555	7143.678	132048.9	28243.70	3533.378
#2	4836.498	7145.789	132707.2	27971.15	3539.694
#3	4813.702	7142.636	131303.8	27980.91	3546.218

Sample Name: L1460-04DLX2 Acquired: 02/13/2020 16:13:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATK9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0882972	.0697079	10.15459	.0287283	.1137658	48.60816	3.514074
Stddev	.0050129	.0024744	.05053	.0036508	.0002289	.21790	.011104
%RSD	5.677280	3.549620	.4975822	12.70797	.2012106	.4482834	.3159804

#1	.0826198	.0712289	10.12172	.0287158	.1135071	48.40955	3.501488
#2	.0921128	.0710420	10.12929	.0323853	.1138483	48.57369	3.518250
#3	.0901590	.0668528	10.21277	.0250838	.1139421	48.84125	3.522485

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0628249	.0714527	253.5124	.3984186	.8249914	.7490746	171.4385
Stddev	.0005008	.0003550	1.3452	.0013474	.0044233	.0054384	.7129
%RSD	.7971774	.4969000	.5306216	.3381928	.5361636	.7260128	.4158396

#1	.0622547	.0712795	252.0912	.3969314	.8230523	.7443672	170.7436
#2	.0630262	.0712174	253.6801	.3987662	.8218689	.7478289	171.4039
#3	.0631937	.0718611	254.7658	.3995581	.8300531	.7550278	172.1681

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.74096	115.1035	.9658943	.0310505	-.067284	.7488921	1.344927
Stddev	.12576	.5215	.0061661	.0002131	.176632	.0045268	.009568
%RSD	.5297239	.4530835	.6383781	.6861448	262.5191	.6044699	.7114476

#1	23.62035	114.6623	.9628572	.0311118	-.203849	.7467146	1.354273
#2	23.73123	114.9692	.9618359	.0308135	-.130192	.7458655	1.335151
#3	23.87130	115.6791	.9729898	.0312262	.132191	.7540962	1.345356

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.662476	1.447468	-.061601	.0187056	2.916758	.9232246	.0000322
Stddev	.082197	.005470	.002121	.0004816	.008605	.0071463	.0025981
%RSD	1.762957	.3779328	3.442318	2.574461	.2950218	.7740539	8067.557

#1	4.572828	1.441810	-.059647	.0185656	2.910280	.9173352	-.000844
#2	4.680302	1.447864	-.063856	.0183095	2.913473	.9311748	.002955
#3	4.734297	1.452730	-.061300	.0192416	2.926522	.9211639	-.002015

Sample Name: L1460-04DLX2 Acquired: 02/13/2020 16:13:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGATK9S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5139995	.0281744	.0803471
Stddev	.0046137	.0004761	.0002097
%RSD	.8976123	1.689806	.2609348

#1	.5090209	.0279330	.0801174
#2	.5181310	.0278673	.0805283
#3	.5148466	.0287228	.0803954

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2349.124	3493.466	63547.66	13280.70	3655.941
Stddev	9.893	15.326	91.22	39.12	18.356
%RSD	.4211315	.4387051	.1435481	.2945519	.5020949

#1	2337.824	3496.257	63593.69	13325.28	3666.147
#2	2353.328	3507.204	63606.69	13264.72	3666.925
#3	2356.221	3476.936	63442.59	13252.09	3634.749

Sample Name: L1460-03DLX2 Acquired: 02/13/2020 16:09:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATK9D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068069	.0049456	-.000298	-.005336	-.001409	-.019837	-.000906
Stddev	.0002822	.0004679	.000439	.000410	.000617	.001636	.000058
%RSD	4.146415	9.461325	147.0635	7.692089	43.81361	8.247812	6.357677

#1	.0069755	.0053444	.000133	-.005481	-.001844	-.019378	-.000957
#2	.0069641	.0044305	-.000745	-.005654	-.001680	-.021654	-.000844
#3	.0064810	.0050620	-.000284	-.004872	-.000702	-.018480	-.000917

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001879	-.000087	-.014766	-.000621	.0000221	-.010100	-.224091
Stddev	.0000203	.000021	.002582	.000074	.0000316	.000572	.001507
%RSD	10.82561	23.98781	17.48270	11.89757	143.0952	5.664446	.6725328

#1	.0001677	-.000107	-.012087	-.000583	-.000014	-.009448	-.222936
#2	.0001876	-.000090	-.014973	-.000706	.000043	-.010520	-.223542
#3	.0002084	-.000065	-.017238	-.000573	.000037	-.010331	-.225796

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.014830	.0107239	.0012713	.0008022	.4385754	.0002536	-.000963
Stddev	.000134	.0032863	.0001087	.0000238	.0065028	.0005723	.000521
%RSD	.9065657	30.64504	8.553157	2.969087	1.482710	225.6394	54.03915

#1	-.014734	.0145113	.0013614	.0008104	.4391346	.0007951	-.000561
#2	-.014773	.0086263	.0011506	.0008208	.4447805	-.000345	-.001552
#3	-.014983	.0090341	.0013020	.0007753	.4318110	.000311	-.000778

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.507280	-.000289	-.003698	-.000659	-.010299	.0151469	-.002156
Stddev	.006048	.000415	.000074	.000026	.000548	.0129926	.000078
%RSD	1.192163	143.6547	1.994074	3.995749	5.318691	85.77750	3.638641

#1	-.507883	-.000532	-.003694	-.000658	-.010009	.0261635	-.002226
#2	-.500953	.000190	-.003774	-.000686	-.009957	.0008190	-.002071
#3	-.513003	-.000526	-.003626	-.000633	-.010931	.0184582	-.002171

Sample Name: L1460-03DLX2 Acquired: 02/13/2020 16:09:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGATK9D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005625	-.017124	-.000153
Stddev	.0001932	.000197	.000010
%RSD	34.34614	1.150723	6.402335

#1	.0004390	-.016902	-.000155
#2	.0004634	-.017194	-.000142
#3	.0007852	-.017277	-.000161

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	10238.05	15643.89	257785.8	43949.30	19117.06
Stddev	139.87	67.12	2707.6	1090.23	95.26
%RSD	1.366204	.4290317	1.050324	2.480646	.4982825

#1	10391.59	15652.92	260334.8	43094.96	19108.26
#2	10204.67	15572.72	254943.5	43575.73	19026.52
#3	10117.88	15706.04	258079.3	45177.20	19216.42

Sample Name: L1459-05DLX2 Acquired: 02/13/2020 16:21:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATJ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0415908	.0102431	1.004075	-.023712	.0048085	78.87590	1.379090
Stddev	.0008479	.0001382	.001619	.002150	.0006649	1.38030	.023277
%RSD	2.038735	1.348896	.1612443	9.066157	13.82869	1.749968	1.687821

#1	.0425469	.0100836	1.002501	-.026161	.0046947	78.21120	1.367247
#2	.0412953	.0103253	1.003988	-.022834	.0042078	77.95370	1.364117
#3	.0409301	.0103205	1.005736	-.022139	.0055230	80.46278	1.405907

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055199	.0035387	11.75290	.0940116	.1357633	.1506437	172.8166
Stddev	.0001736	.0000272	.18942	.0009968	.0003515	.0045596	2.9055
%RSD	3.145157	.7685492	1.611659	1.060274	.2588694	3.026720	1.681235

#1	.0053263	.0035146	11.64718	.0948544	.1353579	.1471392	171.3828
#2	.0055717	.0035333	11.63995	.0942690	.1359494	.1489931	170.9068
#3	.0056618	.0035681	11.97158	.0929114	.1359825	.1557987	176.1603

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.16540	10.85600	.1627854	-.004139	-.231212	.2928296	.3255847
Stddev	.32215	.19797	.0010022	.000367	.063960	.0045591	.0053949
%RSD	1.773403	1.823606	.6156323	8.868992	27.66268	1.556896	1.656977

#1	18.01487	10.78489	.1623021	-.004107	-.182215	.2921768	.3318027
#2	17.94608	10.70340	.1621164	-.003789	-.207854	.2886322	.3221493
#3	18.53526	11.07970	.1639376	-.004521	-.303568	.2976799	.3228020

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.670015	1.373522	-.065662	.0048005	.5145123	.6389450	.0066368
Stddev	.099451	.005740	.000176	.0004806	.0092342	.0101061	.0004671
%RSD	2.709824	.4179135	.2679569	10.01159	1.794751	1.581687	7.037994

#1	3.608120	1.369248	-.065860	.0046116	.5038496	.6337560	.0062869
#2	3.617194	1.380046	-.065524	.0053468	.5198022	.6324874	.0064562
#3	3.784732	1.371271	-.065602	.0044430	.5198850	.6505915	.0071672

Sample Name: L1459-05DLX2 Acquired: 02/13/2020 16:21:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATJ0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6022687	.0378768	.0438733
Stddev	.0111757	.0005897	.0008199
%RSD	1.855601	1.556879	1.868715

#1	.5963594	.0377547	.0433358
#2	.5952883	.0373578	.0434672
#3	.6151585	.0385180	.0448170

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2515.142	3751.743	66733.79	13882.89	4010.374
Stddev	29.280	10.768	570.28	202.32	8.418
%RSD	1.164159	.2870039	.8545553	1.457358	.2099118

#1	2481.385	3754.846	66080.54	13949.19	4014.645
#2	2533.650	3760.619	67132.29	14043.75	4015.801
#3	2530.392	3739.765	66988.53	13655.74	4000.677

Sample Name: L1460-02LDLX10 Acquired: 02/13/2020 16:17:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATK9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0149212	.0010747	2.021194	-.003744	.0000277	10.00789	.2653612
Stddev	.0022334	.0017546	.006266	.000906	.0005105	.10151	.0027776
%RSD	14.96784	163.2681	.3100079	24.20448	1842.535	1.014267	1.046709

#1	.0133397	.0014528	2.014079	-.004471	.0000166	10.11281	.2685396
#2	.0139478	.0026095	2.023612	-.002729	.0005436	9.91018	.2634003
#3	.0174761	-.000838	2.025889	-.004031	-.000477	10.00067	.2641437

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016276	.0023856	55.12605	.0110264	.0432265	.1158210	37.68533
Stddev	.0000201	.0000344	.57113	.0004877	.0003030	.0020913	.42624
%RSD	1.234352	1.441320	1.036039	4.423419	.7008351	1.805644	1.131053

#1	.0016506	.0023459	55.77916	.0112776	.0435005	.1182350	38.17750
#2	.0016135	.0024065	54.87864	.0104643	.0429012	.1146694	37.43604
#3	.0016187	.0024043	54.72034	.0113374	.0432776	.1145587	37.44246

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.951902	24.76250	.0559427	-.000031	.0242701	.0421743	.1528493
Stddev	.057604	.18706	.0005562	.000199	.2076915	.0007758	.0022937
%RSD	1.163268	.7554221	.9942347	644.3348	855.7493	1.839607	1.500650

#1	5.017984	24.97799	.0555702	.000195	.1414013	.0412796	.1516528
#2	4.925421	24.64193	.0556760	-.000181	.1469392	.0426619	.1514012
#3	4.912299	24.66757	.0565821	-.000107	-.215530	.0425813	.1554939

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.070528	.2863619	-.015014	.0008501	.5541070	.2225860	-.002181
Stddev	.048029	.0039683	.001558	.0002853	.0037033	.0009607	.001254
%RSD	4.486453	1.385772	10.37454	33.56392	.6683300	.4316224	57.51037

#1	1.050609	.2906248	-.013240	.0010586	.5583050	.2216059	-.000755
#2	1.035664	.2827749	-.015648	.0005250	.5527129	.2226259	-.002675
#3	1.125312	.2856861	-.016156	.0009668	.5513031	.2235261	-.003112

Sample Name: L1460-02LDLX10 Acquired: 02/13/2020 16:17:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGATK9L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1155278	.0036549	.0176841
Stddev	.0013869	.0007616	.0002365
%RSD	1.200492	20.83704	1.337355

#1	.1168112	.0042782	.0179434
#2	.1157157	.0038806	.0174802
#3	.1140566	.0028060	.0176287

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2282.226	3409.340	60527.43	12318.47	3943.168
Stddev	33.703	2.750	792.70	105.20	7.926
%RSD	1.476766	.0806577	1.309656	.8540148	.2010050

#1	2267.052	3406.533	59836.98	12197.22	3934.672
#2	2320.849	3412.028	61393.07	12372.80	3944.467
#3	2258.778	3409.459	60352.25	12385.40	3950.363

Sample Name: L1459-07DLX2 Acquired: 02/13/2020 16:25:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATJ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1854752	.0002606	F 175.3956	-.027326	.0065097	12.05775
Stddev	.0027070	.0032778	.5879	.002807	.0011283	.05467
%RSD	1.459478	1257.815	.3351583	10.27053	17.33205	.4534023

#1	.1824085	-.000806	174.7713	-.028171	.0076006	12.11183
#2	.1875319	-.002351	175.9385	-.024195	.0053475	12.05891
#3	.1864853	.003939	175.4769	-.029614	.0065809	12.00251

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1785704	.0095496	.1517098	640.8008	.0044081	.7015712
Stddev	.0011453	.0000458	.0006931	6.3538	.0006613	.0029205
%RSD	.6413563	.4796745	.4568358	.9915460	15.00129	.4162810

#1	.1780096	.0094967	.1512918	638.4074	.0049031	.6984820
#2	.1798880	.0095753	.1525098	635.9914	.0036571	.7042871
#3	.1778137	.0095768	.1513278	648.0038	.0046641	.7019446

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.364655	151.8801	19.36718	290.4798	.6297726	.0186376
Stddev	.028783	.4082	.04358	.7864	.0013203	.0001847
%RSD	.6594676	.2687938	.2250306	.2707269	.2096515	.9909013

#1	4.391939	152.1909	19.38575	290.8852	.6286723	.0184340
#2	4.367452	152.0316	19.39840	290.9808	.6312367	.0186847
#3	4.334576	151.4177	19.31739	289.5734	.6294090	.0187942

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.038301	.0509883	8.694247	5.370037	4.941230	-.042224
Stddev	.300354	.0025547	.182543	.093022	.013345	.000324
%RSD	784.1966	5.010401	2.099585	1.732233	.2700814	.7671101

#1	.011988	.0521300	8.803092	5.386603	4.930018	-.042510
#2	-.360626	.0527731	8.483502	5.453662	4.955991	-.041873
#3	.233735	.0480618	8.796146	5.269845	4.937682	-.042290

Sample Name: L1459-07DLX2 Acquired: 02/13/2020 16:25:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATJ2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124452	57.39521	1.586138	.0019364	.0765960	.0198457
Stddev	.0002318	.18826	.016494	.0001466	.0020069	.0001288
%RSD	1.862745	.3280083	1.039876	7.568716	2.620109	.6492423

#1	.0126271	57.27077	1.595254	.0020816	.0744703	.0197870
#2	.0121842	57.61179	1.596062	.0019393	.0768597	.0197567
#3	.0125243	57.30306	1.567099	.0017885	.0784580	.0199934

Elem	Sr4077
Units	ppm
Avg	.1683227
Stddev	.0010284
%RSD	.6109645

#1	.1674952
#2	.1694740
#3	.1679989

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2219.101	3253.479	60687.86	12686.19	3367.277
Stddev	35.765	11.218	1174.71	74.67	9.303
%RSD	1.611711	.3448006	1.935652	.5885977	.2762739

#1	2201.527	3260.528	59937.33	12722.56	3373.648
#2	2260.254	3240.543	62041.63	12600.30	3356.601
#3	2195.523	3259.366	60084.62	12735.70	3371.581

Sample Name: L1459-08DLX2 Acquired: 02/13/2020 16:29:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATJ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0548622	.0074527	11.22959	-.028520	.0061938	57.83362	1.283227
Stddev	.0012248	.0027354	.05864	.003946	.0021336	1.23733	.029551
%RSD	2.232482	36.70369	.5221695	13.83505	34.44787	2.139466	2.302845

#1	.0553883	.0053128	11.16188	-.026707	.0039497	56.40776	1.249157
#2	.0557360	.0105346	11.26332	-.025807	.0064352	58.62518	1.301900
#3	.0534623	.0065106	11.26356	-.033047	.0081964	58.46791	1.298623

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058904	.0185419	63.64648	.0634538	.1624598	.7032291	176.4057
Stddev	.0000890	.0001101	1.45807	.0011165	.0005465	.0133848	4.0504
%RSD	1.511054	.5938434	2.290883	1.759491	.3363896	1.903340	2.296075

#1	.0059087	.0186543	61.96323	.0646272	.1618290	.6877835	171.7429
#2	.0057937	.0185374	64.45710	.0624047	.1627597	.7114303	179.0528
#3	.0059689	.0184342	64.51911	.0633294	.1627906	.7104735	178.4214

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.09804	28.28454	.1828947	-.001445	-.306650	.2287640	1.086906
Stddev	.53725	.60180	.0013648	.000197	.089018	.0062789	.012391
%RSD	2.546428	2.127657	.7462195	13.62770	29.02905	2.744698	1.140048

#1	20.47783	27.59631	.1813984	-.001517	-.298245	.2215940	1.075126
#2	21.42003	28.71183	.1832147	-.001595	-.399573	.2314179	1.099829
#3	21.39626	28.54547	.1840711	-.001222	-.222134	.2332802	1.085763

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.615426	1.964000	-.069730	.0045683	9.262101	1.011785	.0042042
Stddev	.094883	.009534	.001553	.0004294	.061084	.015091	.0012949
%RSD	2.055790	.4854512	2.226925	9.398433	.6595076	1.491549	30.79928

#1	4.509197	1.953533	-.071162	.0044822	9.191567	1.003483	.0031087
#2	4.691765	1.966278	-.068079	.0041886	9.297514	1.002667	.0038707
#3	4.645317	1.972189	-.069948	.0050343	9.297222	1.029204	.0056332

Sample Name: L1459-08DLX2 Acquired: 02/13/2020 16:29:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGATJ3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5259314	.0254651	.0429193
Stddev	.0138645	.0001327	.0011876
%RSD	2.636178	.5212691	2.767133

#1	.5100585	.0255335	.0415570
#2	.5320613	.0255496	.0434644
#3	.5356743	.0253121	.0437366

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2394.636	3565.370	64066.35	13298.89	3892.037
Stddev	9.862	16.320	296.73	229.97	20.208
%RSD	.4118217	.4577437	.4631641	1.729280	.5192112

#1	2396.377	3584.215	64407.37	13564.13	3915.329
#2	2384.020	3556.020	63924.74	13177.35	3879.179
#3	2403.511	3555.875	63866.97	13155.18	3881.602

Sample Name: L1459-09DLX2 Acquired: 02/13/2020 16:33:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGATJ4 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1266773	-.001879	F 111.1317	-.037380	.0113292	14.96969
Stddev	.0056692	.003453	.3522	.004820	.0004990	.05952
%RSD	4.475307	183.8228	.3169127	12.89546	4.404448	.3975899

#1	.1313370	.001306	110.9311	-.031855	.0109213	14.97622
#2	.1203656	-.005549	110.9257	-.039561	.0111806	15.02567
#3	.1283293	-.001393	111.5384	-.040725	.0118856	14.90717

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4094555	.0107725	.0580514	F 807.2874	.0032777	1.017987
Stddev	.0023114	.0000983	.0002631	3.9124	.0006343	.003926
%RSD	.5644992	.9122153	.4531374	.4846326	19.35172	.3856527

#1	.4096175	.0107455	.0577646	808.9159	.0040021	1.014752
#2	.4116816	.0108815	.0581082	810.1226	.0030085	1.016854
#3	.4070674	.0106906	.0582814	802.8238	.0028223	1.022355

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.266689	215.6672	26.07847	358.4916	1.009766	.0064499
Stddev	.037630	1.0271	.10743	1.3722	.005927	.0000479
%RSD	.6004734	.4762373	.4119342	.3827585	.5869495	.7432338

#1	6.256661	215.1697	26.03835	357.6580	1.007396	.0064929
#2	6.308316	216.8483	26.20019	360.0753	1.005391	.0064587
#3	6.235088	214.9836	25.99689	357.7416	1.016511	.0063982

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0992821	.0831995	4.486937	3.134433	2.215250	-.072773
Stddev	.2462359	.0004473	.031470	.039842	.010574	.002402
%RSD	248.0163	.5376124	.7013645	1.271104	.4773082	3.300276

#1	.1824370	.0827150	4.450658	3.138490	2.205976	-.071403
#2	-.177765	.0835967	4.503282	3.172091	2.213010	-.071370
#3	.293175	.0832869	4.506871	3.092718	2.226764	-.075546

Sample Name: L1459-09DLX2 Acquired: 02/13/2020 16:33:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGATJ4 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081520	18.79552	1.234345	.0026429	.1628397	.0172074
Stddev	.0003425	.07065	.003212	.0022078	.0024403	.0010535
%RSD	4.201381	.3758691	.2602298	83.54047	1.498593	6.122290

#1	.0077785	18.73889	1.233371	.0004584	.1603042	.0175072
#2	.0084513	18.77299	1.237931	.0025967	.1651721	.0180785
#3	.0082264	18.87469	1.231733	.0048734	.1630428	.0160365

Elem	Sr4077
Units	ppm
Avg	.1851586
Stddev	.0002645
%RSD	.1428278

#1	.1854050
#2	.1851916
#3	.1848792

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2122.017	3162.282	58290.89	12447.51	3261.120
Stddev	1.905	6.482	164.68	64.61	10.490
%RSD	.0897737	.2049739	.2825205	.5190993	.3216640

#1	2119.830	3162.110	58133.28	12410.02	3266.241
#2	2123.319	3168.849	58277.55	12410.39	3268.066
#3	2122.901	3155.889	58461.84	12522.13	3249.054

Sample Name: L1459-14DLX2 Acquired: 02/13/2020 16:37:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATJ9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0663905	.0128474	.9318924	-.042130	.0084308	98.65122	1.194668
Stddev	.0026008	.0013066	.0015240	.005664	.0013459	.26211	.006364
%RSD	3.917355	10.17024	.1635404	13.44321	15.96431	.2656896	.5326599

#1	.0643995	.0123732	.9335031	-.038349	.0099842	98.35921	1.188859
#2	.0654389	.0143249	.9317010	-.048642	.0076954	98.72837	1.201470
#3	.0693330	.0118441	.9304732	-.039400	.0076129	98.86610	1.193676

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093551	.0039679	28.45729	.1638186	.1231891	.4111055	268.9231
Stddev	.0001204	.0001646	.18014	.0012563	.0003553	.0020451	.6229
%RSD	1.287107	4.147542	.6330036	.7668536	.2884623	.4974666	.2316287

#1	.0092344	.0038420	28.28056	.1649723	.1230393	.4097425	268.2802
#2	.0093556	.0039075	28.64065	.1640032	.1229332	.4134571	269.5238
#3	.0094752	.0041541	28.45067	.1624802	.1235948	.4101169	268.9654

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.44547	15.00585	.1822202	-.007460	-.241435	.4036961	.3861796
Stddev	.08308	.06314	.0001832	.000091	.087015	.0022601	.0024811
%RSD	.4762397	.4207745	.1005080	1.217036	36.04066	.5598583	.6424821

#1	17.36781	14.93345	.1824216	-.007430	-.300128	.4016100	.3890357
#2	17.53308	15.03467	.1821753	-.007562	-.282714	.4060972	.3849464
#3	17.43552	15.04944	.1820637	-.007388	-.141463	.4033811	.3845567

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.193732	1.277956	-.097117	.0039279	1.886733	.8138116	.0063824
Stddev	.056440	.003392	.003034	.0000800	.002783	.0044868	.0010233
%RSD	1.345813	.2654619	3.123876	2.036780	.1475132	.5513301	16.03402

#1	4.197074	1.274854	-.099368	.0040031	1.889939	.8182950	.0053169
#2	4.135696	1.277436	-.093667	.0038439	1.884945	.8093214	.0073577
#3	4.248427	1.281579	-.098317	.0039366	1.885314	.8138182	.0064725

Sample Name: L1459-14DLX2 Acquired: 02/13/2020 16:37:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATJ9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5744684	.0403166	.0316503
Stddev	.0057790	.0009913	.0002564
%RSD	1.005976	2.458775	.8099975

#1	.5684286	.0393235	.0314079
#2	.5799455	.0413061	.0319187
#3	.5750311	.0403203	.0316244

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2457.734	3684.651	65229.97	13449.48	3887.389
Stddev	5.917	1.573	250.71	28.02	3.460
%RSD	.2407399	.0427009	.3843410	.2083257	.0890178

#1	2455.680	3684.821	64954.11	13464.81	3886.950
#2	2453.118	3686.132	65291.89	13466.48	3891.048
#3	2464.404	3682.999	65443.92	13417.14	3884.169

Sample Name: L1460-06DLX2 Acquired: 02/13/2020 16:41:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATL1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0542176	.0064705	15.11368	-.029712	.0070068	64.69663	.9814099
Stddev	.0011510	.0022190	.02729	.002283	.0010097	2.53580	.0369462
%RSD	2.122982	34.29407	.1805756	7.684013	14.41052	3.919525	3.764605

#1	.0550667	.0060820	15.14460	-.030325	.0071867	66.41509	1.009151
#2	.0546786	.0088580	15.09295	-.027185	.0059192	61.78424	.939471
#3	.0529075	.0044713	15.10349	-.031626	.0079144	65.89056	.995608

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071204	.0072143	125.6626	.0729001	.2793626	.6648872	202.1704
Stddev	.0001708	.0003476	4.7845	.0005053	.0002505	.0291626	7.7207
%RSD	2.398242	4.818526	3.807405	.6931444	.0896531	4.386105	3.818905

#1	.0072874	.0069098	129.2057	.0724018	.2796122	.6806602	207.8700
#2	.0069461	.0075931	120.2201	.0728864	.2791113	.6312351	193.3838
#3	.0071276	.0071400	127.5622	.0734121	.2793642	.6827664	205.2573

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.74648	52.01452	.3573843	-.002480	-.284833	.2524052	.6434329
Stddev	1.03847	2.14914	.0008293	.000407	.078922	.0106293	.0092495
%RSD	4.033452	4.131811	.2320328	16.41708	27.70820	4.211185	1.437523

#1	26.52684	53.54725	.3576674	-.002012	-.194590	.2607098	.6505079
#2	24.56782	49.55793	.3564506	-.002671	-.318963	.2404263	.6329664
#3	26.14477	52.93838	.3580350	-.002756	-.340946	.2560796	.6468243

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.487805	1.928349	-.080939	.0068146	1.980170	1.294271	.0030452
Stddev	.196322	.001743	.003852	.0001698	.010030	.048717	.0001029
%RSD	4.374557	.0903752	4.758933	2.492351	.5065412	3.764011	3.379152

#1	4.572747	1.926480	-.083195	.0068807	1.991687	1.333109	.0030453
#2	4.263315	1.929930	-.083130	.0066217	1.975479	1.239610	.0029423
#3	4.627353	1.928637	-.076491	.0069415	1.973345	1.310096	.0031481

Sample Name: L1460-06DLX2 Acquired: 02/13/2020 16:41:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGATL1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5798277	.0345122	.0462875
Stddev	.0224931	.0015792	.0017602
%RSD	3.879269	4.575653	3.802665

#1	.5997518	.0355763	.0477485
#2	.5554361	.0326978	.0443334
#3	.5842952	.0352626	.0467805

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2408.037	3563.756	64601.60	13519.78	3773.439
Stddev	11.665	4.899	398.82	432.92	7.497
%RSD	.4844357	.1374667	.6173477	3.202141	.1986666

#1	2396.689	3558.115	64440.93	13129.64	3764.790
#2	2419.996	3566.216	65055.69	13985.52	3777.453
#3	2407.425	3566.938	64308.18	13444.19	3778.074

Sample Name: CCB056 Acquired: 02/13/2020 17:02:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB056 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019251	-.000048	.0030521	.0017380	-.000531	-.005126	-.000054
Stddev	.0029802	.000504	.0010725	.0018539	.000493	.000842	.000386
%RSD	154.8091	1043.591	35.13862	106.6670	92.86074	16.41706	708.8914

#1	.0053492	-.000589	.0041459	.0036291	-.000829	-.005439	-.000497
#2	-.000084	.000409	.0030079	-.000076	-.000801	-.005766	.000122
#3	.000510	.000035	.0020024	.001661	.000038	-.004173	.000211

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000780	-.000020	.0000143	-.000161	.0000589	.0063020	-.016855
Stddev	.0000139	.000058	.0040753	.000381	.0002987	.0022644	.012212
%RSD	17.80475	295.9001	28590.24	236.3190	507.3848	35.93073	72.45499

#1	.0000743	-.000047	.0009285	-.000269	-.000244	.0059949	-.029959
#2	.0000664	.000047	.0035548	-.000477	.000067	.0087042	-.005791
#3	.0000934	-.000059	-.004441	.000262	.000353	.0042068	-.014815

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002467	.0069070	.0000037	.0002185	-.052507	.0018333	.0010308
Stddev	.000733	.0025105	.0002457	.0005232	.053119	.0013422	.0017867
%RSD	29.71228	36.34700	6691.647	239.4955	101.1638	73.20870	173.3283

#1	-.003313	.0041626	-.000280	.0008215	-.111932	.0018788	.0025937
#2	-.002037	.0074706	.000142	-.000115	-.035952	.0004690	-.000917
#3	-.002050	.0090878	.000149	-.000051	-.009638	.0031522	.001416

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.019488	.0005933	.0018702	.0001498	.0095983	-.002025	-.000212
Stddev	.038716	.0032762	.0004638	.0004106	.0005080	.001233	.000891
%RSD	198.6671	552.1719	24.79987	274.1522	5.292413	60.90055	420.1634

#1	-.063279	.0036278	.0018036	.0006172	.0100467	-.002578	-.001236
#2	.010199	-.002880	.0023637	-.000015	.0090466	-.000612	.000391
#3	-.005385	.001032	.0014432	-.000153	.0097016	-.002885	.000209

Sample Name: CCB056 Acquired: 02/13/2020 17:02:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB056 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005588	-.002855	.0000062
Stddev	.0005163	.000355	.0000543
%RSD	92.41246	12.43077	880.1775

#1	-.000035	-.003124	-.000048
#2	.000899	-.002453	.000007
#3	.000813	-.002987	.000060

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2287.293	3418.870	60287.51	12614.20	4099.283
Stddev	6.302	39.974	243.59	546.30	54.382
%RSD	.2755303	1.169219	.4040493	4.330808	1.326614

#1	2294.472	3377.713	60301.40	13219.51	4041.092
#2	2284.731	3457.546	60037.28	12157.78	4148.817
#3	2282.674	3421.351	60523.87	12465.32	4107.939

Sample Name: L1460-07DLX2 Acquired: 02/13/2020 17:11:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATL2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0454584	.0127481	.7647506	-.042897	.0082463	104.6518
Stddev	.0017226	.0012838	.0021457	.003322	.0004882	.1963
%RSD	3.789378	10.07046	.2805771	7.744316	5.920064	.1875328

#1	.0448581	.0136951	.7627381	-.039244	.0077934	104.6910
#2	.0474009	.0132623	.7645051	-.043709	.0081821	104.4389
#3	.0441163	.0112869	.7670084	-.045738	.0087634	104.8255

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.617233	.0089459	.0344562	22.47542	.1184724	.0701113
Stddev	.003736	.0000745	.0000686	.07806	.0047008	.0003749
%RSD	.1427517	.8329979	.1991569	.3473064	3.967845	.5347420

#1	2.614514	.0088654	.0344518	22.42629	.1211649	.0704103
#2	2.615692	.0090126	.0345270	22.43454	.1130445	.0702328
#3	2.621493	.0089596	.0343900	22.56543	.1212080	.0696906

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7835032	269.0502	F 34.11891	16.28791	.2272298	-.002748
Stddev	.0004987	.9271	.07758	.02937	.0001989	.000270
%RSD	.0636451	.3445642	.2273772	.1802994	.0875328	9.813918

#1	.7837227	268.9664	34.09545	16.30438	.2270491	-.002925
#2	.7829324	268.1678	34.05577	16.25400	.2274430	-.002437
#3	.7838544	270.0163	34.20551	16.30534	.2271974	-.002880

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.188726	.3329651	4.506644	5.927520	1.594825	-.098019
Stddev	.179763	.0034456	.073451	.047322	.007985	.005164
%RSD	95.25051	1.034811	1.629841	.7983468	.5006808	5.268633

#1	-.181758	.3368001	4.534651	5.969239	1.600574	-.103281
#2	-.371872	.3301303	4.423310	5.937221	1.598194	-.092959
#3	-.012549	.3319648	4.561972	5.876099	1.585708	-.097817

Sample Name: L1460-07DLX2 Acquired: 02/13/2020 17:11:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGATL2 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011027	.8561004	1.037549	.0082508	.3713875	.0530312
Stddev	.0001366	.0071567	.013199	.0009787	.0020457	.0004707
%RSD	12.39059	.8359642	1.272120	11.86180	.5508340	.8875117

#1	.0011670	.8572423	1.048257	.0076451	.3701962	.0529891
#2	.0009458	.8626176	1.022803	.0077274	.3702166	.0525830
#3	.0011954	.8484415	1.041588	.0093799	.3737496	.0535215

Elem	Sr4077
Units	ppm
Avg	.0492917
Stddev	.0002568
%RSD	.5210025

#1	.0490543
#2	.0492565
#3	.0495643

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2967.220	4409.305	78922.28	16172.94	3834.786
Stddev	52.847	7.871	1823.82	27.24	11.743
%RSD	1.781024	.1785016	2.310907	.1684353	.3062142

#1	2931.553	4406.419	77770.98	16144.71	3824.413
#2	3027.934	4403.284	81025.08	16199.07	3832.408
#3	2942.174	4418.211	77970.77	16175.04	3847.535

Sample Name: L1460-02A Acquired: 02/13/2020 17:07:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATK9A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0800440	.0077682	20.77145	-.053864	.0111296	90.39702
Stddev	.0021608	.0028459	.00566	.002516	.0027527	.32406
%RSD	2.699478	36.63558	.0272477	4.670950	24.73281	.3584870

#1	.0804189	.0045636	20.77013	-.055674	.0091006	90.11292
#2	.0777204	.0100007	20.77765	-.054926	.0100253	90.32817
#3	.0819929	.0087404	20.76657	-.050991	.0142630	90.74997

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.349230	.0129433	.0269839	482.6883	.0855688	.4575516
Stddev	.003053	.0002446	.0001458	1.2859	.0054580	.0005119
%RSD	.1299612	1.889813	.5403062	.2664054	6.378544	.1118784

#1	2.348783	.0130142	.0271481	482.2434	.0815789	.4580879
#2	2.352482	.0126711	.0269339	484.1376	.0833389	.4570682
#3	2.346425	.0131446	.0268696	481.6839	.0917888	.4574987

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9924060	324.6207	F 45.60787	222.2471	.5634945	-.003113
Stddev	.0034214	.5268	.15919	.4407	.0005810	.000984
%RSD	.3447562	.1622703	.3490498	.1982842	.1031135	31.61797

#1	.9891027	324.0127	45.50258	221.7459	.5639800	-.002909
#2	.9921810	324.9399	45.79101	222.4214	.5636529	-.002247
#3	.9959344	324.9095	45.53003	222.5740	.5628507	-.004183

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.191386	.3532012	4.446273	8.970322	2.983542	-.127608
Stddev	.300244	.0024727	.151797	.076448	.001746	.009841
%RSD	156.8790	.7000924	3.414020	.8522289	.0585096	7.711701

#1	-.208000	.3505780	4.331489	8.896217	2.983910	-.126239
#2	-.482978	.3535363	4.388946	8.965835	2.981642	-.118523
#3	.116821	.3554893	4.618385	9.048914	2.985075	-.138061

Sample Name: L1460-02A Acquired: 02/13/2020 17:07:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATK9A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077959	6.085022	4.169513	.0035232	1.028160	.0553604
Stddev	.0002448	.006923	.046895	.0007175	.009267	.0008659
%RSD	3.140041	.1137763	1.124711	20.36328	.9013463	1.564128

#1	.0075146	6.079475	4.162572	.0039410	1.028318	.0563374
#2	.0079122	6.092781	4.126475	.0039340	1.037347	.0550564
#3	.0079609	6.082810	4.219491	.0026948	1.018814	.0546876

Elem	Sr4077
Units	ppm
Avg	.1532655
Stddev	.0006505
%RSD	.4244025

#1	.1534256
#2	.1538209
#3	.1525499

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2374.950	3643.276	65315.06	14049.26	3454.819
Stddev	82.350	5.315	2383.82	34.63	3.284
%RSD	3.467461	.1458908	3.649732	.2464579	.0950438

#1	2431.208	3638.847	67064.85	14051.54	3451.483
#2	2413.214	3649.170	66280.36	14082.69	3458.047
#3	2280.429	3641.812	62599.98	14013.55	3454.928

Sample Name: L1459-06DLX4 Acquired: 02/13/2020 17:19:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGATJ1 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0332338	.0005159	17.74856	-.014564	.0036819	13.87238	.5137934
Stddev	.0031304	.0009116	.04790	.003598	.0005961	.42119	.0151808
%RSD	9.419435	176.7176	.2698760	24.70509	16.19120	3.036194	2.954652

#1	.0296766	-.000464	17.70130	-.015392	.0033911	13.66920	.5051868
#2	.0344560	.001339	17.74731	-.017675	.0043676	13.59128	.5048717
#3	.0355687	.000672	17.79708	-.010623	.0032870	14.35664	.5313218

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038008	.0368604	461.4006	.0173749	.1991690	.9160022	89.85468
Stddev	.0001564	.0000746	13.0583	.0009767	.0008185	.0315627	2.81721
%RSD	4.114224	.2024354	2.830136	5.621343	.4109398	3.445703	3.135300

#1	.0036922	.0369367	453.4871	.0162877	.1984858	.8985547	88.36824
#2	.0037302	.0367876	454.2419	.0181782	.1989451	.8970150	88.09199
#3	.0039800	.0368567	476.4726	.0176588	.2000761	.9524368	93.10380

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.24946	223.0688	.2198546	.0032088	.0062894	.0598184	2.118055
Stddev	.29808	6.7991	.0007282	.0004500	.0192159	.0020475	.053600
%RSD	2.908263	3.047992	.3312095	14.02397	305.5294	3.422822	2.530605

#1	10.07524	219.2985	.2198541	.0035998	.0277945	.0597091	2.056371
#2	10.07951	218.9901	.2191267	.0027169	-.009196	.0619183	2.144513
#3	10.59365	230.9177	.2205830	.0033097	.000269	.0578277	2.153282

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.499403	.7994639	-.038686	.0022124	4.695067	.3957242	-.003329
Stddev	.031741	.0049203	.003159	.0003466	.008481	.0206765	.000242
%RSD	2.116938	.6154524	8.165864	15.66671	.1806395	5.224973	7.263892

#1	1.466205	.7942657	-.035060	.0024592	4.692806	.3749387	-.003100
#2	1.502553	.8040487	-.040149	.0018162	4.687946	.3959440	-.003582
#3	1.529453	.8000774	-.040848	.0023619	4.704450	.4162899	-.003305

Sample Name: L1459-06DLX4 Acquired: 02/13/2020 17:19:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGATJ1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1030029	.0126550	.1127312
Stddev	.0026980	.0016356	.0033774
%RSD	2.619362	12.92423	2.996014

#1	.1018762	.0111465	.1105014
#2	.1010508	.0124251	.1110752
#3	.1060816	.0143933	.1166170

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2181.717	3200.480	58896.86	11971.27	3481.743
Stddev	64.174	2.036	1901.97	327.11	10.268
%RSD	2.941437	.0636141	3.229326	2.732435	.2949165

#1	2255.817	3201.485	61081.16	12162.02	3482.610
#2	2144.228	3201.818	58002.45	12158.23	3491.551
#3	2145.107	3198.137	57606.96	11593.57	3471.069

Sample Name: L1460-12DLX2 Acquired: 02/13/2020 17:15:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATL7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0667421	.0054708	30.90743	-.047157	.0101018	71.83223	1.185732
Stddev	.0023950	.0017577	.59199	.001723	.0011215	.54349	.005905
%RSD	3.588496	32.12890	1.915360	3.654809	11.10173	.7566048	.4980152

#1	.0645487	.0071531	30.62800	-.046974	.0113776	71.95253	1.188727
#2	.0692976	.0056129	30.50688	-.048964	.0096559	71.23868	1.178930
#3	.0663801	.0036463	31.58742	-.045532	.0092719	72.30549	1.189540

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101986	.0605387	383.3136	.0569161	1.363687	4.592741	269.8876
Stddev	.0000686	.0012329	2.0720	.0002791	.026996	.040549	1.8442
%RSD	.6722204	2.036529	.5405468	.4903566	1.979652	.8828932	.6833097

#1	.0102733	.0600823	384.2804	.0566732	1.350528	4.601012	270.2088
#2	.0101840	.0595991	380.9349	.0572210	1.345793	4.548694	267.9039
#3	.0101385	.0619347	384.7254	.0568540	1.394739	4.628517	271.5500

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.26214	166.4186	1.386969	-.001154	-.351871	.2424146	4.302693
Stddev	.15649	1.0926	.027999	.000632	.056040	.0023029	.025357
%RSD	.5347749	.6565330	2.018721	54.79314	15.92632	.9499755	.5893298

#1	29.32397	166.4861	1.374076	-.001788	-.312080	.2410938	4.276589
#2	29.08419	165.2937	1.367738	-.001151	-.415960	.2410763	4.304259
#3	29.37827	167.4758	1.419091	-.000523	-.327574	.2450737	4.327230

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.365702	2.088992	-.114925	.0044649	6.436648	.8636015	.0042047
Stddev	.081871	.043277	.005489	.0002467	.115230	.0080053	.0011777
%RSD	1.525813	2.071685	4.775878	5.525242	1.790222	.9269669	28.00904

#1	5.444350	2.063969	-.121263	.0041870	6.370298	.8726768	.0048581
#2	5.280951	2.064042	-.111770	.0045496	6.369942	.8575426	.0028451
#3	5.371805	2.138964	-.111742	.0046581	6.569704	.8605851	.0049107

Sample Name: L1460-12DLX2 Acquired: 02/13/2020 17:15:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGATL7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4128755	.0467465	.1022541
Stddev	.0014995	.0014994	.0005927
%RSD	.3631906	3.207445	.5796142

#1	.4144604	.0470527	.1024866
#2	.4114793	.0451176	.1015804
#3	.4126868	.0480691	.1026953

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2370.972	3508.792	64377.16	13547.05	3612.282
Stddev	2.845	54.040	183.19	74.42	57.643
%RSD	.1199979	1.540123	.2845507	.5493333	1.595738

#1	2372.262	3524.872	64588.18	13468.38	3631.495
#2	2372.943	3552.966	64284.34	13616.33	3657.865
#3	2367.710	3448.537	64258.97	13556.43	3547.487

Sample Name: L1459-13DLX4 Acquired: 02/13/2020 17:23:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATJ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0331830	-.000995	23.61501	-.020972	.0065347	6.357186	2.459384
Stddev	.0045094	.003473	.10289	.004034	.0005343	.032221	.007906
%RSD	13.58938	348.9537	.4356791	19.23506	8.176139	.5068482	.3214592

#1	.0383689	.002918	23.65118	-.023322	.0059357	6.391680	2.466730
#2	.0309944	-.003712	23.49892	-.016314	.0069621	6.352016	2.460406
#3	.0301855	-.002192	23.69492	-.023279	.0067064	6.327863	2.451017

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045945	.0081645	570.9263	.0106562	.2624108	.8144310	105.7628
Stddev	.0000442	.0000866	8.2278	.0003353	.0016045	.0035726	.3633
%RSD	.9625827	1.060225	1.441125	3.146532	.6114352	.4386666	.3434995

#1	.0046393	.0082245	580.3479	.0103121	.2629127	.8166426	106.1164
#2	.0045935	.0082037	567.2748	.0106746	.2606154	.8163410	105.7814
#3	.0045508	.0080653	565.1564	.0109819	.2637044	.8103094	105.3906

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.30841	262.0772	.2325777	.0005064	.2847084	.0417065	.5181740
Stddev	.04465	1.0274	.0010319	.0004751	.0287367	.0014228	.0027061
%RSD	.3948122	.3920065	.4436727	93.81802	10.09338	3.411427	.5222348

#1	11.34855	263.0336	.2324404	.0009350	.3000293	.0432449	.5197468
#2	11.31635	262.2066	.2316213	-.000004	.2515578	.0404379	.5150493
#3	11.26032	260.9912	.2336714	.000588	.3025382	.0414366	.5197258

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9355109	.5276772	-.040956	.0020553	7.644162	.4944584	-.002740
Stddev	.0728765	.0023421	.001795	.0002067	.054433	.0086227	.000355
%RSD	7.790020	.4438521	4.381635	10.05594	.7120887	1.743876	12.96285

#1	1.017499	.5294566	-.039644	.0022909	7.676698	.4966100	-.002876
#2	.878101	.5250237	-.043001	.0019701	7.581321	.5018016	-.002337
#3	.910933	.5285511	-.040225	.0019048	7.674467	.4849636	-.003007

Sample Name: L1459-13DLX4 Acquired: 02/13/2020 17:23:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGATJ8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0812224	.0082215	.1344900
Stddev	.0008125	.0015620	.0000415
%RSD	1.000316	18.99927	.0308250

#1	.0813771	.0097833	.1345357
#2	.0819464	.0082222	.1344547
#3	.0803437	.0066592	.1344797

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2104.857	3130.276	57168.17	12054.33	3417.298
Stddev	12.786	15.791	496.76	104.58	13.679
%RSD	.6074452	.5044559	.8689430	.8675872	.4002919

#1	2118.750	3124.486	57695.78	11937.74	3409.485
#2	2102.237	3148.145	57099.27	12085.38	3433.094
#3	2093.584	3118.199	56709.46	12139.88	3409.317

Sample Name: L1460-15DLX4 Acquired: 02/13/2020 17:27:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATM0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0261516	.0006911	48.23518	-.018758	.0050242	.9642267	.0138983
Stddev	.0060806	.0020346	.28338	.001911	.0018052	.0182544	.0002223
%RSD	23.25139	294.4025	.5875030	10.18669	35.93066	1.893166	1.599764

#1	.0217365	-.001158	47.99863	-.019316	.0066284	.9690915	.0137085
#2	.0330872	.002871	48.15766	-.020328	.0030694	.9440327	.0141429
#3	.0236312	.000360	48.54926	-.016631	.0053748	.9795559	.0138433

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038923	.0792992	577.7071	-.003024	.1000236	.4363776	98.53140
Stddev	.0000854	.0005636	3.0117	.000395	.0009919	.0037091	.37184
%RSD	2.195154	.7107073	.5213148	13.07330	.9916980	.8499637	.3773788

#1	.0039713	.0786624	581.1671	-.003406	.0993799	.4384964	98.47703
#2	.0039042	.0795013	576.2798	-.002616	.0995250	.4320949	98.18974
#3	.0038016	.0797338	575.6744	-.003050	.1011659	.4385417	98.92743

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.90669	269.4803	.0943202	.0052108	.4513105	.0231949	2.221262
Stddev	.06113	.6848	.0001929	.0002346	.0583239	.0003847	.023422
%RSD	.4395501	.2541239	.2044594	4.501830	12.92324	1.658486	1.054440

#1	13.92693	269.2288	.0944360	.0054405	.3975325	.0232717	2.206202
#2	13.83801	268.9568	.0944271	.0052202	.5133083	.0227777	2.209337
#3	13.95512	270.2553	.0940976	.0049716	.4430906	.0235355	2.248247

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6633863	.7611905	-.034119	.0006584	9.820621	.4027224	-.002761
Stddev	.0686844	.0020708	.001263	.0003162	.035169	.0084241	.000857
%RSD	10.35360	.2720479	3.700878	48.03131	.3581104	2.091786	31.06151

#1	.6324722	.7596831	-.035540	.0004853	9.790363	.4111865	-.001806
#2	.7420951	.7635517	-.033126	.0010234	9.812294	.4026419	-.003464
#3	.6155917	.7603368	-.033690	.0004665	9.859205	.3943389	-.003012

Sample Name: L1460-15DLX4 Acquired: 02/13/2020 17:27:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGATM0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0084458	.0049545	.1265608
Stddev	.0009427	.0016739	.0004611
%RSD	11.16146	33.78521	.3643631

#1	.0077004	.0037975	.1268701
#2	.0081315	.0041921	.1260307
#3	.0095054	.0068738	.1267814

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2102.708	3158.728	56982.31	12174.07	3420.113
Stddev	5.138	11.698	235.48	39.08	11.177
%RSD	.2443382	.3703529	.4132580	.3210035	.3267905

#1	2107.419	3168.043	57250.06	12129.01	3429.931
#2	2103.475	3162.542	56889.48	12198.70	3422.458
#3	2097.229	3145.598	56807.39	12194.50	3407.950

Sample Name: L1459-10DLX5 Acquired: 02/13/2020 17:31:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATJ5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0237111	-.000553	23.88304	-.007105	.0010735	10.44839	.2726087
Stddev	.0016149	.001339	.10443	.005264	.0009738	.02156	.0004738
%RSD	6.810770	242.1618	.4372462	74.08316	90.70560	.2063476	.1737871

#1	.0222516	.000850	23.96205	-.011574	.0010340	10.45596	.2731275
#2	.0234356	-.000693	23.76465	-.001303	.0020664	10.46515	.2724997
#3	.0254459	-.001816	23.92242	-.008439	.0001201	10.42407	.2721990

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025702	.0129909	126.3422	.0132187	.2466350	.9434363	55.50885
Stddev	.0000582	.0001115	.2065	.0004751	.0015793	.0016161	.04107
%RSD	2.263921	.8585290	.1634735	3.594053	.6403269	.1712983	.0739847

#1	.0025299	.0129748	126.5587	.0135362	.2476547	.9416820	55.54750
#2	.0026369	.0128883	126.3204	.0126725	.2448158	.9437624	55.51331
#3	.0025439	.0131096	126.1474	.0134474	.2474344	.9448644	55.46573

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.986764	55.81530	.2265033	.0023204	.0491642	.0461638	.8676329
Stddev	.004686	.18475	.0017503	.0002729	.1745967	.0018755	.0126453
%RSD	.0782798	.3309940	.7727633	11.76086	355.1295	4.062748	1.457445

#1	5.990230	55.70267	.2267118	.0026076	.0652742	.0465250	.8532797
#2	5.988631	56.02852	.2246580	.0022891	-.132929	.0478325	.8724875
#3	5.981432	55.71473	.2281400	.0020645	.215148	.0441340	.8771316

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.405939	.7010122	-.023329	.0018760	4.443193	.3110536	-.000635
Stddev	.047656	.0068963	.001669	.0002892	.031016	.0087762	.001617
%RSD	3.389611	.9837703	7.155741	15.41758	.6980525	2.821443	254.5230

#1	1.380034	.7084183	-.025232	.0016005	4.477240	.3208117	-.002385
#2	1.460937	.6947749	-.022645	.0018503	4.416549	.3085422	-.000325
#3	1.376847	.6998435	-.022111	.0021773	4.435788	.3038068	.000804

Sample Name: L1459-10DLX5 Acquired: 02/13/2020 17:31:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATJ5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1370041	.0019995	.0332592
Stddev	.0002987	.0002972	.0002553
%RSD	.2180473	14.86440	.7676667

#1	.1370477	.0021915	.0335207
#2	.1366859	.0016571	.0330106
#3	.1372786	.0021499	.0332463

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2236.607	3372.572	59650.91	12420.24	3812.714
Stddev	16.975	21.391	442.29	56.36	21.991
%RSD	.7589524	.6342753	.7414635	.4537653	.5767723

#1	2253.429	3351.513	60122.92	12361.52	3791.048
#2	2236.908	3394.281	59583.81	12425.30	3835.016
#3	2219.484	3371.924	59246.00	12473.90	3812.077

Sample Name: L1459-17DLX5 Acquired: 02/13/2020 17:39:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATK2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0222544	.0103241	.0621822	-.034271	.0060995	36.23416	1.194336
Stddev	.0033282	.0018763	.0015971	.003797	.0008240	.45329	.013126
%RSD	14.95542	18.17431	2.568333	11.07854	13.50866	1.251007	1.099018

#1	.0228768	.0093178	.0638975	-.034039	.0051880	35.71782	1.179181
#2	.0186589	.0124889	.0619110	-.038178	.0067913	36.56663	1.202072
#3	.0252275	.0091655	.0607381	-.030596	.0063192	36.41804	1.201756

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066013	.0034232	50.14648	.0198145	.0495898	.2142513	242.7301
Stddev	.0000205	.0001291	.55862	.0004604	.0006046	.0031245	3.0691
%RSD	.3105382	3.771443	1.113969	2.323635	1.219115	1.458357	1.264423

#1	.0065803	.0035428	49.50286	.0199845	.0494781	.2127444	239.1995
#2	.0066025	.0034404	50.43124	.0192933	.0502425	.2178438	244.7610
#3	.0066212	.0032863	50.50533	.0201658	.0490489	.2121659	244.2299

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.51843	25.04203	.1047499	-.002727	-.524952	.1786324	.1824498
Stddev	.32615	.32013	.0004433	.000440	.157025	.0021992	.0038887
%RSD	1.104912	1.278391	.4231653	16.12896	29.91229	1.231108	2.131394

#1	29.14184	24.67304	.1049310	-.003141	-.403294	.1763718	.1801015
#2	29.70948	25.20718	.1042447	-.002265	-.469349	.1787609	.1869385
#3	29.70398	25.24585	.1050739	-.002775	-.702213	.1807645	.1803095

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.096273	.8390499	-.103460	-.000774	.2752963	.3989044	.0010924
Stddev	.066179	.0047214	.001895	.000382	.0028857	.0059503	.0002430
%RSD	3.156999	.5627071	1.831220	49.32874	1.048218	1.491652	22.24819

#1	2.071090	.8388050	-.103507	-.000462	.2730367	.3990991	.0010755
#2	2.171347	.8344557	-.105331	-.000660	.2785469	.3928592	.0008583
#3	2.046381	.8438889	-.101543	-.001200	.2743052	.4047549	.0013435

Sample Name: L1459-17DLX5 Acquired: 02/13/2020 17:39:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGATK2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1169400	.0147600	.0245265
Stddev	.0012255	.0013416	.0002158
%RSD	1.047956	9.089200	.8798754

#1	.1157083	.0135698	.0242833
#2	.1169527	.0162138	.0246010
#3	.1181591	.0144965	.0246952

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2342.660	3556.339	62386.94	13045.81	3864.477
Stddev	8.369	7.696	231.54	96.20	12.301
%RSD	.3572376	.2164105	.3711286	.7373722	.3183197

#1	2347.141	3547.557	62204.48	13154.98	3850.633
#2	2333.004	3559.552	62308.94	12973.45	3874.153
#3	2347.834	3561.908	62647.40	13009.02	3868.644

Sample Name: L1460-10DLX5 Acquired: 02/13/2020 17:47:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATL5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0342036	.0020794	28.91671	-.016507	.0073712	13.56764	.3289115
Stddev	.0019170	.0010847	.03045	.001288	.0009436	.04674	.0011744
%RSD	5.604566	52.16174	.1053101	7.801587	12.80179	.3444902	.3570448

#1	.0357723	.0020674	28.93898	-.015709	.0063669	13.61163	.3300454
#2	.0347718	.0031700	28.88201	-.015820	.0082394	13.57274	.3289885
#3	.0320668	.0010008	28.92913	-.017993	.0075073	13.51856	.3277005

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037614	.0442955	231.8207	.0359392	.3230669	4.071812	91.16153
Stddev	.0000295	.0001704	.5795	.0006320	.0005826	.015695	.30856
%RSD	.7832186	.3846045	.2499642	1.758534	.1803287	.3854522	.3384739

#1	.0037802	.0442940	232.4797	.0359133	.3237350	4.078805	91.47250
#2	.0037275	.0441258	231.3909	.0353205	.3228013	4.082795	91.15664
#3	.0037766	.0444666	231.5914	.0365837	.3226645	4.053836	90.85544

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.91757	100.1786	.3722647	.0025861	-.025340	.0701923	2.579964
Stddev	.03589	.2639	.0008203	.0002060	.125895	.0010813	.007691
%RSD	.3287675	.2634072	.2203547	7.967501	496.8219	1.540492	.2980966

#1	10.95896	100.4818	.3731238	.0026612	-.170245	.0704694	2.582422
#2	10.89878	100.0012	.3714896	.0023530	.037044	.0711080	2.571345
#3	10.89498	100.0527	.3721808	.0027441	.057181	.0689994	2.586125

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.508328	.9054974	-.038681	.0050736	6.849936	.3673280	.0175906
Stddev	.040266	.0077633	.000440	.0002331	.017844	.0074489	.0014684
%RSD	2.669564	.8573489	1.136444	4.593471	.2604952	2.027870	8.347580

#1	1.539541	.9143862	-.039182	.0048527	6.866574	.3739968	.0192854
#2	1.462878	.9020581	-.038359	.0053171	6.852143	.3686981	.0167879
#3	1.522565	.9000478	-.038503	.0050511	6.831092	.3592892	.0166986

Sample Name: L1460-10DLX5 Acquired: 02/13/2020 17:47:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATL5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1413505	.0057126	.0529104
Stddev	.0008386	.0010272	.0000251
%RSD	.5932502	17.98062	.0474617

#1	.1422637	.0067377	.0529373
#2	.1406152	.0046834	.0529065
#3	.1411725	.0057165	.0528875

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2227.203	3388.053	59809.62	12526.19	3716.068
Stddev	4.915	4.366	93.32	63.08	7.035
%RSD	.2206908	.1288640	.1560320	.5036196	.1893070

#1	2222.880	3388.272	59706.74	12454.54	3708.082
#2	2232.549	3383.582	59888.81	12550.63	3718.777
#3	2226.181	3392.306	59833.33	12573.40	3721.346

Sample Name: L1460-08DLX5 Acquired: 02/13/2020 17:43:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATL3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0243903	.0000911	.0366967	-.002020	.0038255	19.70544	.8345090
Stddev	.0025527	.0052596	.0022427	.004236	.0020252	.22524	.0113079
%RSD	10.46584	5776.149	6.111511	209.7177	52.93934	1.143051	1.355034

#1	.0218036	-.000690	.0371083	-.006682	.0040211	19.81604	.8389431
#2	.0269075	-.004735	.0387050	-.000970	.0057459	19.85402	.8429278
#3	.0244598	.005697	.0342766	.001592	.0017097	19.44628	.8216560

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014974	.0014813	490.6602	.0192330	.0085352	.0320670	40.55379
Stddev	.0001178	.0000391	5.7121	.0003626	.0001929	.0006991	.45562
%RSD	7.864129	2.642502	1.164158	1.885295	2.259608	2.180040	1.123503

#1	.0013759	.0014395	493.4442	.0193882	.0083596	.0318491	40.68706
#2	.0015052	.0014873	494.4465	.0194921	.0085043	.0328490	40.92791
#3	.0016111	.0015171	484.0899	.0188186	.0087416	.0315028	40.04639

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.691720	216.6546	.0279913	-.000201	.1008570	.0636603	.0973626
Stddev	.039788	2.2365	.0002832	.000369	.0619830	.0021863	.0035485
%RSD	1.077763	1.032285	1.011594	183.4005	61.45635	3.434287	3.644605

#1	3.712742	217.3952	.0279172	-.000253	.1515548	.0647549	.0968149
#2	3.716588	218.4268	.0283042	.000191	.1192595	.0650831	.1011532
#3	3.645831	214.1417	.0277526	-.000542	.0317566	.0611429	.0941199

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.851760	.3819462	-.020849	.0000121	.4268194	.4461129	-.004114
Stddev	.019823	.0051051	.000417	.0002548	.0025253	.0068768	.001047
%RSD	1.070496	1.336607	2.001850	2103.816	.5916603	1.541488	25.44715

#1	1.872858	.3822104	-.021331	-.000270	.4268497	.4501754	-.003408
#2	1.848901	.3869140	-.020590	.000082	.4293294	.4499902	-.005317
#3	1.833522	.3767141	-.020628	.000225	.4242791	.4381730	-.003617

Sample Name: L1460-08DLX5 Acquired: 02/13/2020 17:43:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGATL3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0900904	.0123342	.2173583
Stddev	.0014421	.0006205	.0023360
%RSD	1.600693	5.030753	1.074716

#1	.0917421	.0130278	.2185565
#2	.0890812	.0118317	.2188522
#3	.0894480	.0121431	.2146664

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2108.180	3156.601	56882.77	12005.90	3464.290
Stddev	30.089	5.369	747.66	125.34	9.164
%RSD	1.427272	.1700767	1.314381	1.043981	.2645137

#1	2100.040	3151.597	56735.01	11905.42	3459.362
#2	2082.998	3155.936	56220.03	11965.93	3458.646
#3	2141.502	3162.272	57693.28	12146.35	3474.863

Sample Name: L1458-02A Acquired: 02/13/2020 17:55:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGATF9A Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3574208	.0220842	1.431283	.0394544	.1362878	223.9519
Stddev	.0039610	.0025066	.002500	.0022137	.0015002	1.0663
%RSD	1.108228	11.35030	.1746510	5.610760	1.100725	.4761205

#1	.3609478	.0240518	1.434018	.0382214	.1359979	222.8767
#2	.3581794	.0192620	1.430713	.0420101	.1349537	223.9701
#3	.3531354	.0229388	1.429117	.0381318	.1379117	225.0090

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.797342	.0311744	.0222007	32.10971	.1936750	.1129147
Stddev	.010494	.0001659	.0004316	.09614	.0002859	.0004427
%RSD	.2763573	.5322535	1.944134	.2994054	.1476028	.3920924

#1	3.809299	.0313656	.0219825	32.18004	.1934668	.1129538
#2	3.793066	.0310688	.0219218	32.14892	.1935573	.1133366
#3	3.789660	.0310887	.0226979	32.00016	.1940010	.1124538

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.389881	559.7958	F 68.43273	29.84121	.6227436	-.005340
Stddev	.003496	1.1517	.22354	.11054	.0011540	.000688
%RSD	.1462697	.2057368	.3266558	.3704288	.1853025	12.88002

#1	2.392980	561.1243	68.24661	29.96219	.6224355	-.005112
#2	2.386092	559.1834	68.68068	29.81597	.6240204	-.004795
#3	2.390573	559.0797	68.37091	29.74547	.6217751	-.006113

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3124664	1.045043	.8907255	9.418685	2.742478	-.216480
Stddev	.0772349	.005285	.0094570	.033051	.013429	.006282
%RSD	24.71784	.5057345	1.061724	.3509041	.4896548	2.901772

#1	.2410509	1.051015	.8945950	9.455764	2.731194	-.217847
#2	.3019129	1.040967	.8799474	9.392322	2.738909	-.221966
#3	.3944354	1.043148	.8976342	9.407970	2.757330	-.209627

Sample Name: L1458-02A Acquired: 02/13/2020 17:55:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATF9A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001502	.6485637	14.57788	.0137486	.8352151	.1251226
Stddev	.000050	.0049720	.07665	.0009263	.0023261	.0007412
%RSD	3.336189	.7666152	.5258177	6.737324	.2785017	.5924107

#1	-.001530	.6538160	14.60453	.0127564	.8346233	.1244939
#2	-.001444	.6479454	14.63764	.0138987	.8377800	.1249341
#3	-.001532	.6439298	14.49146	.0145907	.8332422	.1259399

Elem	Sr4077
Units	ppm
Avg	.1879746
Stddev	.0002924
%RSD	.1555758

#1	.1881103
#2	.1881747
#3	.1876390

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3109.896	4708.417	83333.70	17265.42	3703.971
Stddev	16.890	7.204	253.57	80.15	5.336
%RSD	.5430937	.1530069	.3042835	.4642466	.1440486

#1	3100.220	4706.380	83173.97	17229.43	3704.828
#2	3129.398	4702.450	83626.08	17209.58	3708.826
#3	3100.070	4716.420	83201.06	17357.27	3698.259

Sample Name: L1460-11DLX5 Acquired: 02/13/2020 17:51:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATL6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0233732	.0022031	2.555527	-.010813	.0022864	27.01774	.7469935
Stddev	.0031305	.0012187	.009123	.001578	.0014414	.10596	.0025753
%RSD	13.39355	55.31702	.3570098	14.59685	63.04209	.3921840	.3447610

#1	.0198596	.0016067	2.559162	-.009906	.0006260	26.98895	.7456992
#2	.0243945	.0013975	2.562272	-.009898	.0032158	26.92916	.7453221
#3	.0258655	.0036052	2.545146	-.012636	.0030174	27.13512	.7499593

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029914	.0032432	21.74961	.0613893	.1018811	.1332146	86.16531
Stddev	.0000496	.0000649	.08873	.0003211	.0006793	.0005703	.33804
%RSD	1.658017	2.002100	.4079840	.5230062	.6667667	.4281092	.3923125

#1	.0029389	.0032392	21.78688	.0612705	.1024159	.1326181	86.45825
#2	.0030374	.0033101	21.64832	.0617528	.1021106	.1332711	85.79544
#3	.0029980	.0031804	21.81364	.0611445	.1011167	.1337546	86.24224

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.42438	7.680199	.1447776	.0003530	-.051077	.1481705	.3520366
Stddev	.05160	.031892	.0006027	.0003014	.119310	.0010332	.0030708
%RSD	.3577454	.4152538	.4163148	85.39043	233.5910	.6973140	.8723039

#1	14.45088	7.712050	.1451068	.0004405	-.175183	.1492068	.3553559
#2	14.36491	7.648266	.1451440	.0000175	.062776	.1471404	.3492969
#3	14.45734	7.680280	.1440819	.0006011	-.040822	.1481642	.3514570

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.398017	.8893808	-.036872	.0016166	.5319744	.4495432	.0018830
Stddev	.079558	.0075704	.001893	.0002752	.0079983	.0050795	.0010968
%RSD	3.317669	.8512005	5.133738	17.02400	1.503520	1.129916	58.24651

#1	2.430210	.8976584	-.035521	.0013052	.5411012	.4436809	.0007421
#2	2.307407	.8876755	-.036061	.0017171	.5286358	.4526357	.0019774
#3	2.456434	.8828085	-.039036	.0018274	.5261863	.4523129	.0029296

Sample Name: L1460-11DLX5 Acquired: 02/13/2020 17:51:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGATL6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2379221	.0098616	.0172733
Stddev	.0013172	.0012497	.0000672
%RSD	.5536123	12.67277	.3892010

#1	.2384970	.0111672	.0172514
#2	.2388541	.0097413	.0172198
#3	.2364152	.0086764	.0173488

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2319.065	3551.614	61338.74	12634.02	3994.442
Stddev	21.284	12.323	531.02	56.78	17.088
%RSD	.9177702	.3469824	.8657201	.4494372	.4277886

#1	2294.492	3538.718	60733.95	12585.69	3979.293
#2	2331.014	3552.853	61553.63	12696.56	3991.068
#3	2331.690	3563.272	61728.63	12619.82	4012.965

Sample Name: L1460-17DLX5 Acquired: 02/13/2020 18:08:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATM2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0339069	.0040481	.5744478	-.014178	.0029007	49.74142	.7496455
Stddev	.0015617	.0008059	.0076082	.002751	.0015394	.47608	.0069898
%RSD	4.605926	19.90793	1.324428	19.40233	53.07067	.9571108	.9324189

#1	.0356981	.0031433	.5751204	-.017350	.0032271	49.53717	.7474922
#2	.0331917	.0043121	.5816973	-.012447	.0042508	49.40154	.7439857
#3	.0328308	.0046888	.5665257	-.012736	.0012243	50.28555	.7574587

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038392	.0015438	9.258711	.0660916	.0729213	.1026861	114.2221
Stddev	.0001179	.0001357	.073444	.0013821	.0015934	.0017439	1.0675
%RSD	3.070048	8.789888	.7932459	2.091143	2.185155	1.698252	.9346079

#1	.0039248	.0016179	9.261625	.0676280	.0739384	.1026853	114.0038
#2	.0038879	.0016263	9.183853	.0656971	.0737407	.1009426	113.2806
#3	.0037047	.0013872	9.330656	.0649496	.0710849	.1044303	115.3819

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.47213	4.330200	.0792901	-.001907	-.386308	.1620179	.1676848
Stddev	.10157	.037472	.0010071	.000392	.107312	.0022446	.0009342
%RSD	.8143385	.8653552	1.270180	20.58363	27.77873	1.385377	.5571063

#1	12.48969	4.287809	.0799112	-.002321	-.497853	.1598893	.1687441
#2	12.36293	4.343885	.0798310	-.001859	-.377269	.1618015	.1673315
#3	12.56378	4.358905	.0781281	-.001540	-.283802	.1643628	.1669788

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.606554	.4974045	-.047556	.0014593	.1611356	.4182860	.0030991
Stddev	.072788	.0093757	.001860	.0002844	.0060719	.0022347	.0010801
%RSD	2.792495	1.884932	3.910677	19.49049	3.768223	.5342601	34.85028

#1	2.618803	.5036885	-.047708	.0017121	.1681466	.4204053	.0022176
#2	2.528419	.5018972	-.049336	.0011514	.1575815	.4159514	.0027758
#3	2.672440	.4866279	-.045626	.0015144	.1576786	.4185013	.0043039

Sample Name: L1460-17DLX5 Acquired: 02/13/2020 18:08:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGATM2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1541482	.0184053	.0184874
Stddev	.0017069	.0013477	.0001108
%RSD	1.107314	7.322418	.5990370

#1	.1533420	.0188450	.0185130
#2	.1529936	.0168927	.0183661
#3	.1561088	.0194783	.0185831

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2280.590	3593.038	60308.10	12425.96	4106.998
Stddev	25.679	52.063	627.18	85.26	59.718
%RSD	1.125988	1.449007	1.039964	.6861306	1.454065

#1	2253.237	3557.809	59594.36	12391.89	4067.881
#2	2304.180	3568.464	60771.21	12522.99	4077.376
#3	2284.352	3652.840	60558.73	12363.01	4175.737

Sample Name: L1460-16DLX5 Acquired: 02/13/2020 17:59:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATM1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0221518	-.000291	2.565919	-.005520	.0013736	24.88753	.9642236
Stddev	.0034016	.001959	.031947	.000405	.0005679	.04116	.0015260
%RSD	15.35578	673.2248	1.245057	7.335750	41.34138	.1653750	.1582647

#1	.0200934	.000294	2.587219	-.005398	.0007544	24.89719	.9659070
#2	.0202839	.001309	2.529185	-.005191	.0018700	24.84240	.9638329
#3	.0260781	-.002476	2.581352	-.005972	.0014965	24.92299	.9629309

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027254	.0029311	31.91418	.0311409	.0836287	.1492213	70.30210
Stddev	.0001239	.0000268	.09311	.0005326	.0010689	.0014878	.04977
%RSD	4.545100	.9147887	.2917545	1.710324	1.278159	.9970391	.0707984

#1	.0025826	.0029435	31.82771	.0312925	.0844320	.1490628	70.35863
#2	.0028044	.0029003	32.01275	.0305490	.0824155	.1507820	70.26485
#3	.0027892	.0029494	31.90207	.0315814	.0840387	.1478191	70.28281

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.98621	14.04367	.0849867	.0008514	-.146146	.1094617	.1867331
Stddev	.01204	.05613	.0007824	.0001803	.204128	.0020642	.0019414
%RSD	.0803641	.3996483	.9206216	21.17539	139.6738	1.885781	1.039694

#1	14.97947	14.01428	.0854148	.0010594	-.085039	.1071873	.1886987
#2	15.00011	14.00835	.0840837	.0007560	-.373849	.1099816	.1848168
#3	14.97905	14.10839	.0854617	.0007389	.020449	.1112163	.1866838

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.242793	.6945849	-.031069	.0021441	.5247747	.7395394	-.000469
Stddev	.048358	.0056416	.001067	.0004522	.0094371	.0182566	.000910
%RSD	2.156147	.8122294	3.434511	21.09176	1.798308	2.468641	194.1074

#1	2.201693	.7006662	-.029918	.0017583	.5247593	.7526512	.000307
#2	2.296078	.6895216	-.032025	.0026417	.5153454	.7472791	-.000242
#3	2.230609	.6935669	-.031265	.0020322	.5342195	.7186880	-.001470

Sample Name: L1460-16DLX5 Acquired: 02/13/2020 17:59:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGATM1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2658576	.0084493	.0208494
Stddev	.0009989	.0011628	.0000538
%RSD	.3757238	13.76257	.2580985

#1	.2665200	.0083184	.0209104
#2	.2663442	.0096720	.0208087
#3	.2647087	.0073574	.0208291

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2380.902	3618.494	62924.62	12848.92	4120.080
Stddev	8.605	28.773	327.87	25.28	49.191
%RSD	.3614180	.7951540	.5210592	.1967318	1.193939

#1	2377.707	3599.014	62761.65	12846.93	4084.245
#2	2390.648	3651.542	63302.05	12824.69	4176.164
#3	2374.352	3604.926	62710.17	12875.13	4099.830

Sample Name: L1459-07DL2X10 Acquired: 02/13/2020 18:12:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATJ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0373967	-.002258	34.12569	-.004104	.0008312	2.299069	.0354888
Stddev	.0032417	.002627	.17514	.003252	.0013801	.012052	.0004807
%RSD	8.668398	116.3542	.5132343	79.24866	166.0349	.5242115	1.354621

#1	.0377290	-.001342	34.30526	-.002872	.0004195	2.312414	.0353372
#2	.0404595	-.005220	33.95533	-.001647	.0023704	2.288978	.0360271
#3	.0340017	-.000211	34.11648	-.007792	-.000296	2.295814	.0351022

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020553	.0295564	133.2866	.0012363	.1304827	.8957910	31.84752
Stddev	.0000735	.0002863	.3817	.0005498	.0010397	.0053919	.07402
%RSD	3.575593	.9687531	.2863734	44.47047	.7967887	.6019093	.2324072

#1	.0020987	.0297523	133.5844	.0012462	.1315854	.8987106	31.88827
#2	.0019704	.0292278	133.4191	.0006816	.1295203	.8990935	31.89220
#3	.0020967	.0296892	132.8563	.0017810	.1303424	.8895690	31.76208

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.957571	58.04942	.1190633	.0047895	-.274170	.0106160	1.763162
Stddev	.013046	.16618	.0007597	.0003262	.187322	.0005465	.012477
%RSD	.3296383	.2862647	.6380389	6.811172	68.32354	5.148223	.7076240

#1	3.962847	57.96147	.1194209	.0047936	-.465873	.0111818	1.751904
#2	3.967151	58.24109	.1181908	.0044613	-.091559	.0100910	1.761007
#3	3.942713	57.94571	.1195782	.0051137	-.265077	.0105753	1.776576

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.035142	.8947245	-.012706	.0026958	10.48641	.1428806	-.003181
Stddev	.037310	.0107493	.000166	.0005610	.04511	.0017645	.000895
%RSD	3.604345	1.201411	1.302699	20.81192	.4302098	1.234986	28.12694

#1	1.073362	.9070113	-.012863	.0021074	10.52354	.1415632	-.003069
#2	1.033251	.8870569	-.012722	.0027552	10.43620	.1421931	-.004127
#3	.998814	.8901053	-.012533	.0032247	10.49950	.1448854	-.002348

Sample Name: L1459-07DL2X10 Acquired: 02/13/2020 18:12:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGATJ2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0099904	-.000285	.0344311
Stddev	.0006530	.000305	.0000922
%RSD	6.535838	106.9883	.2676519

#1	.0093688	-.000580	.0343339
#2	.0106707	.000029	.0344421
#3	.0099317	-.000305	.0345172

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2179.728	3318.355	58034.39	12011.00	3789.094
Stddev	7.118	16.269	352.66	63.41	20.597
%RSD	.3265525	.4902852	.6076771	.5279413	.5435956

#1	2171.872	3300.386	57947.71	12011.69	3765.700
#2	2181.563	3332.087	57733.16	11947.25	3804.505
#3	2185.748	3322.591	58422.31	12074.07	3797.077

Sample Name: L1459-09DL2X10 Acquired: 02/13/2020 18:16:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATJ4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0307710	-.002006	21.16167	-.006795	.0011190	2.850142	.0804514
Stddev	.0055265	.002424	.06737	.003450	.0031825	.048587	.0017240
%RSD	17.96011	120.8597	.3183514	50.76871	284.4054	1.704725	2.142920

#1	.0314164	-.002965	21.08978	-.003087	.0011207	2.899377	.0816920
#2	.0359465	.000751	21.17189	-.007389	-.002064	2.848820	.0811795
#3	.0249501	-.003803	21.22335	-.009909	.004301	2.802230	.0784829

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022357	.0111092	165.9513	.0008950	.1896387	1.268094	44.37478
Stddev	.0000186	.0000707	2.9676	.0001698	.0007020	.020084	.90049
%RSD	.8321262	.6363862	1.788237	18.96906	.3701849	1.583832	2.029282

#1	.0022560	.0110285	167.5468	.0007080	.1888975	1.287103	44.99806
#2	.0022316	.0111389	167.7799	.0010394	.1897250	1.270095	44.78392
#3	.0022195	.0111601	162.5273	.0009377	.1902935	1.247084	43.34236

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.182686	70.45567	.1913258	.0021611	-.277257	.0167104	.8866681
Stddev	.108003	1.21853	.0006824	.0001677	.180443	.0016526	.0035811
%RSD	2.083910	1.729506	.3566640	7.759291	65.08147	9.889549	.4038808

#1	5.242974	71.21846	.1914263	.0021941	-.086384	.0157127	.8840927
#2	5.247085	71.09821	.1905988	.0019794	-.300338	.0186180	.8907576
#3	5.057998	69.05034	.1919524	.0023099	-.445050	.0158006	.8851541

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6103676	.3912370	-.020360	.0015119	3.311108	.1636106	-.002764
Stddev	.0127348	.0041461	.001206	.0002411	.005502	.0027061	.001370
%RSD	2.086410	1.059737	5.921143	15.94645	.1661757	1.653994	49.55974

#1	.6145565	.3929201	-.019691	.0015578	3.304998	.1645687	-.001488
#2	.5960660	.3865140	-.021751	.0012512	3.312654	.1657074	-.002593
#3	.6204803	.3942769	-.019637	.0017268	3.315671	.1605558	-.004211

Sample Name: L1459-09DL2X10 Acquired: 02/13/2020 18:16:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATJ4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0287457	-.001366	.0371720
Stddev	.0008139	.000209	.0008519
%RSD	2.831469	15.31452	2.291723

#1	.0288574	-.001132	.0373498
#2	.0294981	-.001430	.0379210
#3	.0278818	-.001535	.0362453

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2174.503	3296.993	58111.91	12181.64	3752.479
Stddev	13.933	4.923	368.63	180.79	2.104
%RSD	.6407211	.1493041	.6343399	1.484131	.0560774

#1	2190.561	3291.701	58473.90	12161.91	3752.701
#2	2165.618	3297.841	58124.85	12011.52	3750.273
#3	2167.331	3301.436	57736.98	12371.49	3754.464

Sample Name: L1459-01 Acquired: 02/13/2020 18:24:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGATH8 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0780617	.0096892	21.59237	-.033823	.0110646	107.9171	2.607779
Stddev	.0059175	.0003866	.36652	.005696	.0015409	.4086	.002176
%RSD	7.580532	3.990480	1.697468	16.84088	13.92625	.3786436	.0834318

#1	.0813624	.0101327	21.41265	-.027275	.0117920	107.5366	2.607760
#2	.0815927	.0094227	22.01406	-.036561	.0092947	107.8656	2.605613
#3	.0712301	.0095122	21.35039	-.037632	.0121071	108.3490	2.609964

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102734	.0361417	284.8601	.1284468	.4647862	1.220654	260.2953
Stddev	.0001198	.0010055	.7648	.0036510	.0090059	.006723	.2140
%RSD	1.165860	2.782006	.2684995	2.842443	1.937635	.5507890	.0822276

#1	.0101403	.0357821	285.7295	.1263303	.4605951	1.215616	260.1844
#2	.0103724	.0372775	284.2912	.1326626	.4751238	1.218057	260.1596
#3	.0103076	.0353655	284.5595	.1263475	.4586397	1.228288	260.5421

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.58743	129.1147	.4463211	-.000922	1.131241	.3587465	2.410540
Stddev	.05849	.1081	.0075115	.000471	.088532	.0023270	.039046
%RSD	.2378897	.0837052	1.682990	51.09848	7.826065	.6486472	1.619783

#1	24.65487	129.2361	.4437145	-.000773	1.076306	.3575884	2.383906
#2	24.55699	129.0290	.4547887	-.001449	1.084047	.3614253	2.455362
#3	24.55044	129.0790	.4404600	-.000543	1.233371	.3572258	2.392354

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.022809	2.722115	-.116129	.0104013	5.083162	6.300902	.0064858
Stddev	.065371	.043724	.005751	.0002643	.090948	.145942	.0012853
%RSD	.7245123	1.606258	4.951893	2.541306	1.789198	2.316211	19.81694

#1	8.947423	2.704350	-.114492	.0107009	5.045625	6.134072	.0050112
#2	9.063832	2.771926	-.122520	.0103020	5.186870	6.363702	.0073685
#3	9.057173	2.690070	-.111374	.0102009	5.016990	6.404932	.0070776

Sample Name: L1459-01 Acquired: 02/13/2020 18:24:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGATH8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.314955	.0582410	.1270704
Stddev	.019863	.0010275	.0003825
%RSD	1.510512	1.764143	.3010385

#1	1.337593	.0574643	.1275088
#2	1.300447	.0578528	.1268984
#3	1.306826	.0594061	.1268041

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2348.202	3571.423	63293.59	13476.97	3638.568
Stddev	40.392	42.601	1206.79	6.64	55.871
%RSD	1.720144	1.192818	1.906657	.0492880	1.535529

#1	2368.853	3611.389	63610.83	13471.09	3667.569
#2	2301.659	3526.603	61959.87	13475.64	3574.159
#3	2374.094	3576.278	64310.08	13484.17	3673.975

Sample Name: L1458-22 Acquired: 02/13/2020 18:20:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGATH7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0962815	.0213856	.4453338	-.050510	.0122669	181.4106	2.224375
Stddev	.0012543	.0006822	.0020410	.008473	.0018806	5.1729	.066971
%RSD	1.302790	3.189885	.4583108	16.77568	15.33091	2.851462	3.010759

#1	.0975741	.0214279	.4439126	-.059490	.0144326	179.8890	2.203231
#2	.0950693	.0220457	.4476726	-.049385	.0110461	177.1692	2.170528
#3	.0962009	.0206833	.4444163	-.042656	.0113219	187.1736	2.299365

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0162087	.0082116	56.19143	.2790761	.1083660	.4716183	384.6413
Stddev	.0003908	.0003555	1.69015	.0024737	.0006213	.0110807	11.5725
%RSD	2.410906	4.329451	3.007844	.8863771	.5733422	2.349507	3.008657

#1	.0160525	.0080791	55.80304	.2792798	.1083566	.4688910	381.4060
#2	.0159201	.0086143	54.72929	.2814416	.1077495	.4621558	375.0308
#3	.0166534	.0079414	58.04197	.2765068	.1089920	.4838080	397.4872

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.49111	37.38564	.2302333	-.010070	.8194697	.6526534	.6609538
Stddev	.44650	1.06262	.0003994	.000981	.0397067	.0165555	.0019084
%RSD	3.081232	2.842329	.1734695	9.739070	4.845410	2.536652	.2887291

#1	14.37042	37.09987	.2306898	-.010642	.8599100	.6487962	.6591073
#2	14.11735	36.49511	.2299483	-.010632	.8179594	.6383669	.6608356
#3	14.98555	38.56192	.2300618	-.008938	.7805398	.6707970	.6629185

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.959334	3.127810	-.154445	.0074331	1.666167	2.664270	.0119764
Stddev	.255217	.011832	.002966	.0001896	.012351	.071632	.0025111
%RSD	2.848613	.3782679	1.920645	2.550342	.7412545	2.688598	20.96714

#1	8.906180	3.127251	-.156889	.0073393	1.668841	2.652543	.0099228
#2	8.734880	3.116269	-.155302	.0076513	1.652698	2.599225	.0112303
#3	9.236942	3.139912	-.151145	.0073087	1.676961	2.741041	.0147760

Sample Name: L1458-22 Acquired: 02/13/2020 18:20:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGATH7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.603160	.0877323	.1015958
Stddev	.057102	.0029204	.0037178
%RSD	3.561809	3.328738	3.659393

#1	1.586769	.0862706	.1005016
#2	1.556047	.0858314	.0985479
#3	1.666665	.0910949	.1057379

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2649.369	4015.378	70453.10	14717.61	3896.084
Stddev	2.007	6.029	307.30	381.09	5.357
%RSD	.0757553	.1501374	.4361751	2.589370	.1375070

#1	2651.446	4010.965	70330.76	14842.82	3897.007
#2	2647.440	4022.247	70225.81	15020.35	3900.920
#3	2649.221	4012.922	70802.73	14289.67	3890.325

Sample Name: CCV057 Acquired: 02/13/2020 18:27:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV057 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.885055	4.873750	24.59250	4.799994	4.828092	403.4676	10.10915
Stddev	.052521	.044822	.24012	.061842	.062262	8.6534	.11205
%RSD	1.075134	.9196559	.9763919	1.288369	1.289568	2.144760	1.108362

#1	4.927690	4.908379	24.82113	4.852402	4.881894	393.5305	9.97979
#2	4.901088	4.889746	24.61402	4.815795	4.842490	407.5294	10.17583
#3	4.826386	4.823125	24.34234	4.731785	4.759893	409.3429	10.17183

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4959055	2.482232	416.3382	15.50698	2.488806	15.28185	411.4572
Stddev	.0062114	.023689	6.9104	.02179	.025147	.30172	8.1226
%RSD	1.252535	.9543613	1.659816	.1405035	1.010387	1.974384	1.974113

#1	.4888151	2.505428	408.3838	15.50210	2.512523	14.93433	402.0943
#2	.5003864	2.483189	420.8624	15.48805	2.491454	15.43417	416.6178
#3	.4985152	2.458078	419.7685	15.53080	2.462439	15.47705	415.6595

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.99403	409.9718	2.470243	1.302344	414.4018	2.471184	15.29977
Stddev	.27463	7.7538	.026154	.002529	6.2167	.040461	.01441
%RSD	1.831627	1.891297	1.058768	.1941900	1.500164	1.637327	.0941928

#1	14.67734	401.0228	2.494173	1.303454	407.3230	2.424495	15.28445
#2	15.16668	414.6861	2.474234	1.299450	418.9732	2.493038	15.31305
#3	15.13806	414.2065	2.442323	1.304128	416.9092	2.496018	15.30181

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	153.4657	5.013812	4.904484	4.625384	5.024512	5.128166	4.846223
Stddev	2.7136	.058735	.081875	.057184	.038110	.077239	.042940
%RSD	1.768229	1.171461	1.669382	1.236302	.7584881	1.506165	.8860556

#1	150.3540	5.061247	4.809954	4.671268	5.046465	5.039075	4.887813
#2	154.7027	5.032072	4.952962	4.643562	5.046565	5.169132	4.848807
#3	155.3404	4.948116	4.950536	4.561320	4.980506	5.176292	4.802049

Sample Name: CCV057 Acquired: 02/13/2020 18:27:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV057 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.138193	5.108197	5.147921
Stddev	.077453	.083434	.098285
%RSD	1.507392	1.633342	1.909224

#1	5.048784	5.012290	5.036622
#2	5.181066	5.164068	5.184350
#3	5.184730	5.148232	5.222792

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1897.203	2892.826	53225.71	11626.11	3167.249
Stddev	14.060	34.384	272.01	129.17	31.126
%RSD	.7410673	1.188600	.5110483	1.111039	.9827331

#1	1881.103	2867.073	52987.86	11773.74	3138.183
#2	1907.057	2879.533	53522.29	11570.69	3163.476
#3	1903.449	2931.872	53166.99	11533.89	3200.090

Sample Name: CCB057 Acquired: 02/13/2020 18:32:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB057 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000963	-.000055	.0040117	.0023434	.0013364	.0032152	.0002643
Stddev	.004623	.000980	.0012063	.0004999	.0005363	.0044796	.0003661
%RSD	480.1818	1796.019	30.07013	21.32985	40.13398	139.3237	138.5084

#1	-.005081	.000842	.0026887	.0020304	.0010985	.0083877	.0006639
#2	-.001844	-.001101	.0050506	.0029199	.0009601	.0005901	.0001839
#3	.004037	.000095	.0042957	.0020799	.0019505	.0006680	-.000055

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000582	.0000177	.0104779	.0006896	.0002076	.0245161	.0186826
Stddev	.0000291	.0000240	.0014410	.0002798	.0001778	.0045246	.0074206
%RSD	49.95392	135.4244	13.75283	40.57871	85.64148	18.45558	39.71904

#1	.0000808	.0000120	.0099348	.0008411	.0003543	.0297246	.0161025
#2	.0000254	.0000441	.0093872	.0008609	.0002587	.0222665	.0270488
#3	.0000684	-.000003	.0121115	.0003667	.0000099	.0215572	.0128965

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001424	.0130514	-.000066	.0005208	.0323633	-.001424	.0060088
Stddev	.000264	.0200525	.000138	.0001575	.1669208	.000514	.0033507
%RSD	18.51085	153.6419	211.1384	30.24408	515.7723	36.10730	55.76360

#1	-.001247	.0321925	-.000209	.0003603	.0856403	-.000833	.0090369
#2	-.001298	.0147644	.000067	.0005269	-.154693	-.001670	.0065806
#3	-.001727	-.007803	-.000055	.0006751	.166142	-.001768	.0024090

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0648357	.0028801	.0100145	.0006765	-.000504	-.001533	.0013871
Stddev	.0296779	.0012466	.0008036	.0002294	.001706	.000478	.0006557
%RSD	45.77404	43.28147	8.024149	33.90531	338.3084	31.15387	47.27226

#1	.0704023	.0015790	.0102079	.0006994	-.000367	-.001327	.0021138
#2	.0327686	.0040637	.0107037	.0004366	-.002275	-.002079	.0008397
#3	.0913361	.0029977	.0091318	.0008936	.001129	-.001192	.0012078

Sample Name: CCB057 Acquired: 02/13/2020 18:32:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1083) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB057 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000303	.0041100	.0001536
Stddev	.000481	.0013520	.0000583
%RSD	158.4163	32.89591	37.93636

#1	-.000543	.0056339	.0001847
#2	.000250	.0030545	.0001897
#3	-.000617	.0036415	.0000864

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2233.792	3428.685	58689.44	11987.66	4088.431
Stddev	22.118	6.285	577.20	49.57	5.838
%RSD	.9901633	.1833019	.9834795	.4135101	.1427822

#1	2208.491	3421.710	58026.10	11949.69	4082.422
#2	2243.425	3430.436	59077.19	11969.55	4088.792
#3	2249.461	3433.909	58965.03	12043.74	4094.081