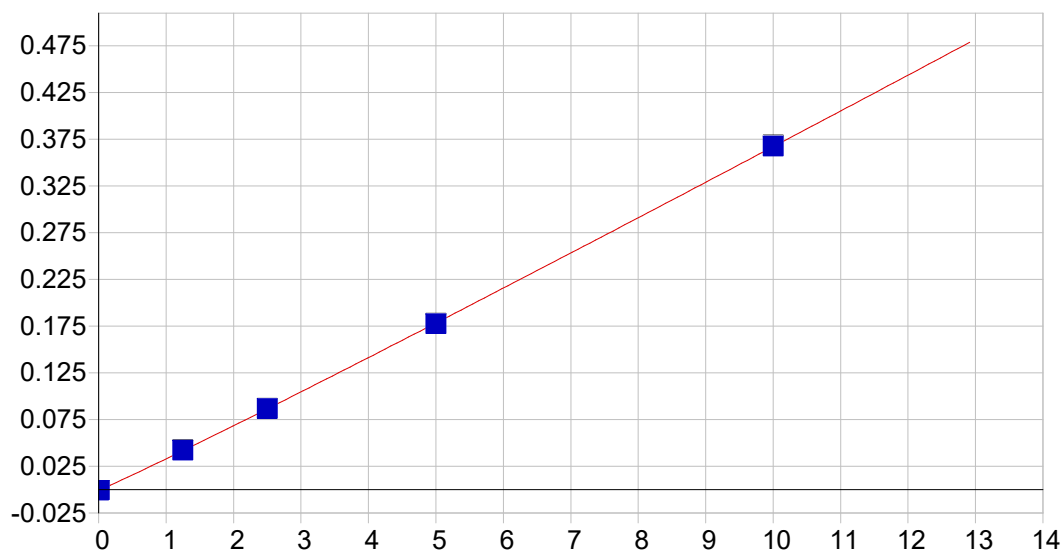


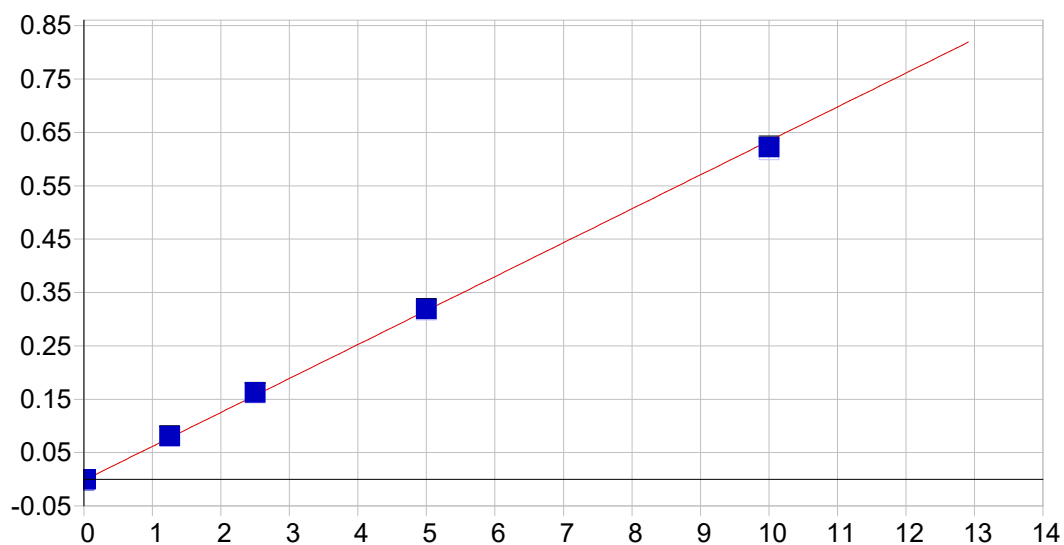


As 189.042 {479}

Date of Fit: 04/16/2021 13:28:25 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.000661 Re-Slope: 1.000000
 A1 (Gain): 0.033608 Y-int: 0.000000
 A2 (Curvature): -0.000007
 n (Exponent): 1.040000
 Correlation: 0.999981 Status: OK.
 Std Error of Est: 0.000005
 Predicted MDL: 0.006119
 Predicted MQL: 0.020398

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00066	.000	1
S1	.01000	.00727	-.003	-27.3	-.00046	.000	1
S2	1.2500	1.2607	.011	.857	.04220	.000	1
S3	2.5000	2.5072	.007	.289	.08693	.000	1
S4	5.0000	4.9765	-.024	-.471	.17793	.000	1
S5	10.000	10.008	.008	.083	.36825	.001	1

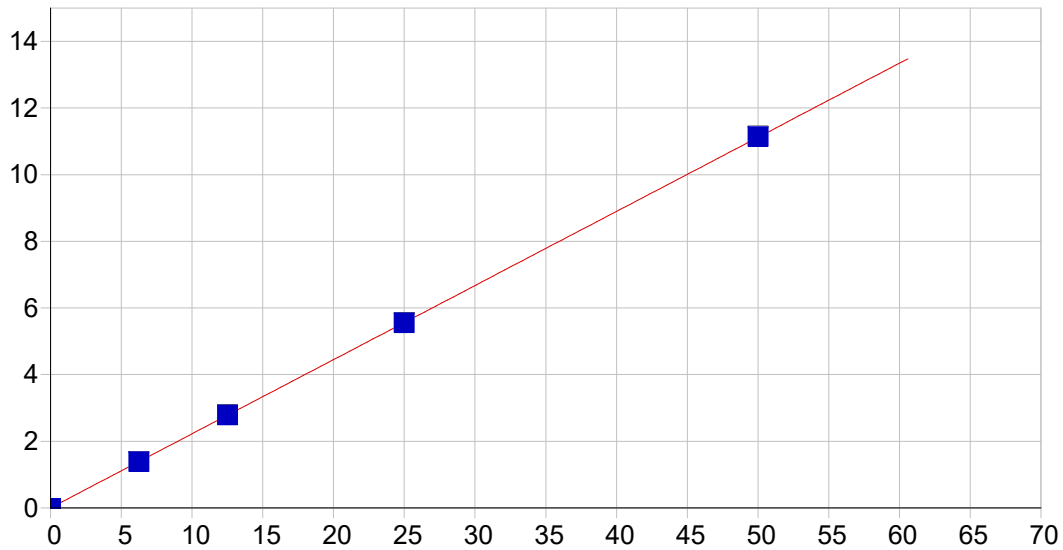


TI 190.856 {477}

Date of Fit: 04/16/2021 13:28:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001976 Re-Slope: 1.000000
 A1 (Gain): 0.063601 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999764 Status: OK.
 Std Error of Est: 0.000036
 Predicted MDL: 0.003509
 Predicted MQL: 0.011697

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00198	.000	1
S1	.02500	.02365	-.001	-5.41	-.00054	.000	1
S2	1.2500	1.3015	.052	4.12	.08008	.000	1
S3	2.5000	2.5829	.083	3.32	.16085	.000	1
S4	5.0000	5.0483	.048	.967	.31620	.001	1
S5	10.000	9.8185	-.181	-1.81	.61670	.002	1

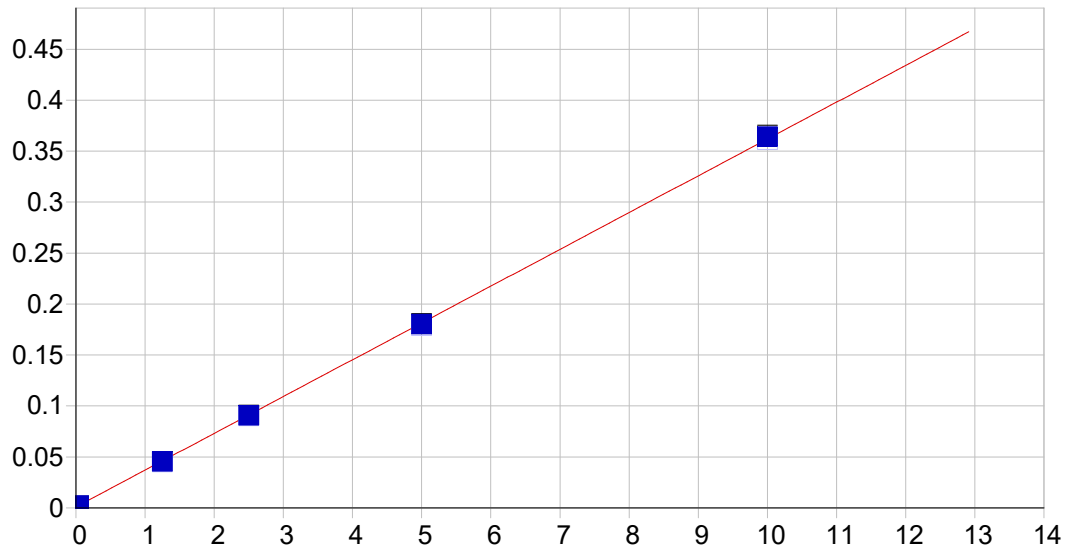


Pb 220.353 {453}

Date of Fit: 04/16/2021 13:28:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001589	Re-Slope:	1.000000
A1 (Gain):	0.222403	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999997	Status:	OK.
Std Error of Est:	0.000022		
Predicted MDL:	0.002061		
Predicted MQL:	0.006871		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00159	.000	1
S1	.01000	.00977	-.000	-2.35	.00376	.000	1
S2	6.2500	6.2068	-.043	-.691	1.3826	.003	1
S3	12.500	12.511	.011	.086	2.7853	.003	1
S4	25.000	24.940	-.060	-.239	5.5509	.008	1
S5	50.000	50.092	.092	.185	11.147	.009	1

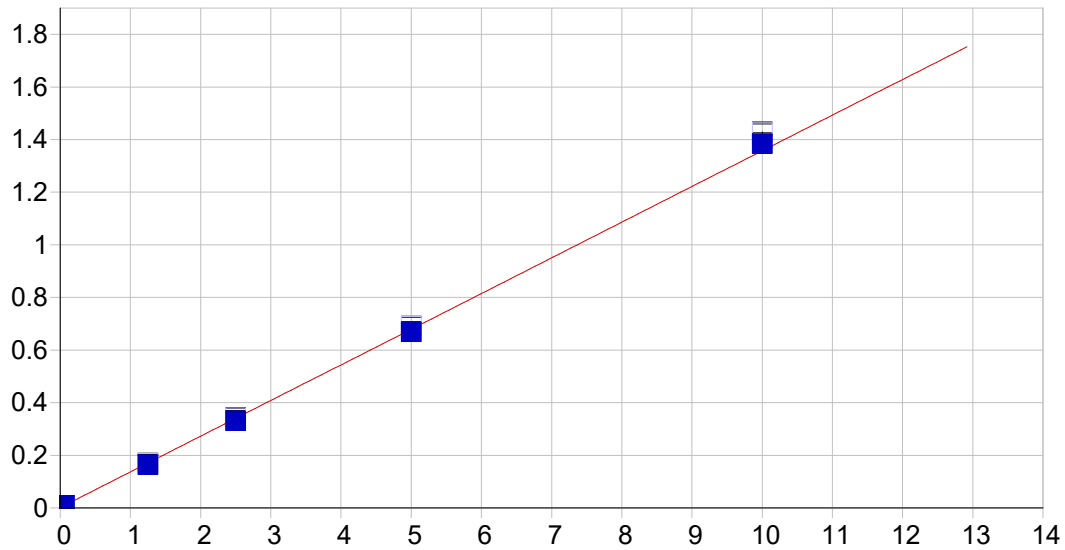


Se 196.090 {472}

Date of Fit: 04/16/2021 13:28:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000986 Re-Slope: 1.000000
 A1 (Gain): 0.036093 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.006149
 Predicted MQL: 0.020498

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00099	.000	1
S1	.03500	.03114	-.004	-11.0	.00211	.000	1
S2	1.2500	1.2316	-.018	-1.47	.04502	.000	1
S3	2.5000	2.4884	-.012	-.464	.08996	.000	1
S4	5.0000	4.9670	-.033	-.659	.17858	.001	1
S5	10.000	10.067	.067	.669	.36096	.001	1

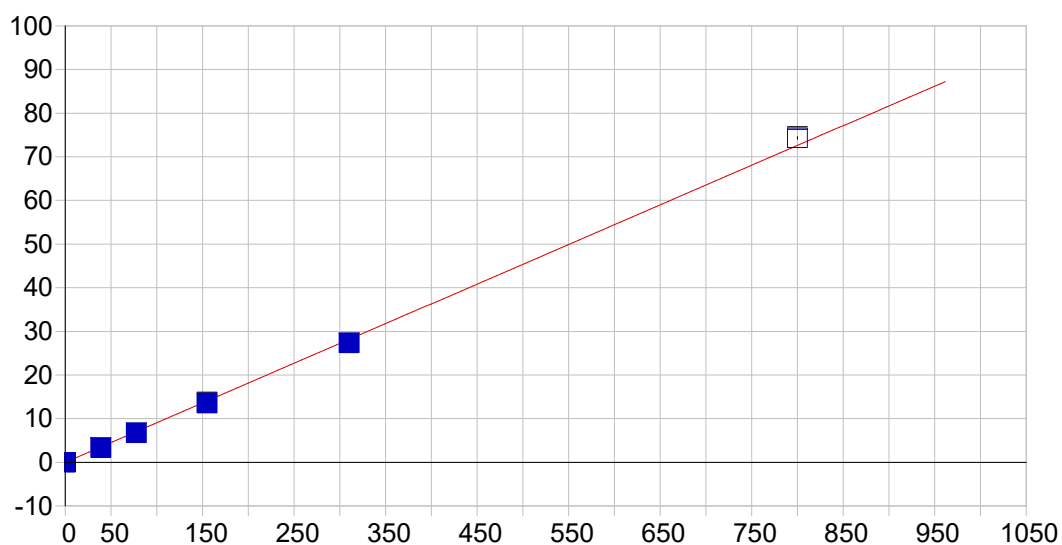


Sb 206.833 {463}

Date of Fit: 04/16/2021 13:28:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001270	Re-Slope:	1.000000
A1 (Gain):	0.135605	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999777	Status:	OK.
Std Error of Est:	0.000121		
Predicted MDL:	0.002372		
Predicted MQL:	0.007906		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00127	.000	1
S1	.06000	.05834	-.002	-2.77	.00918	.000	1
S2	1.2500	1.2013	-.049	-3.90	.16935	.001	1
S3	2.5000	2.4329	-.067	-2.68	.34154	.001	1
S4	5.0000	4.9201	-.080	-1.60	.68915	.001	1
S5	10.000	10.197	.197	1.97	1.4255	.004	1

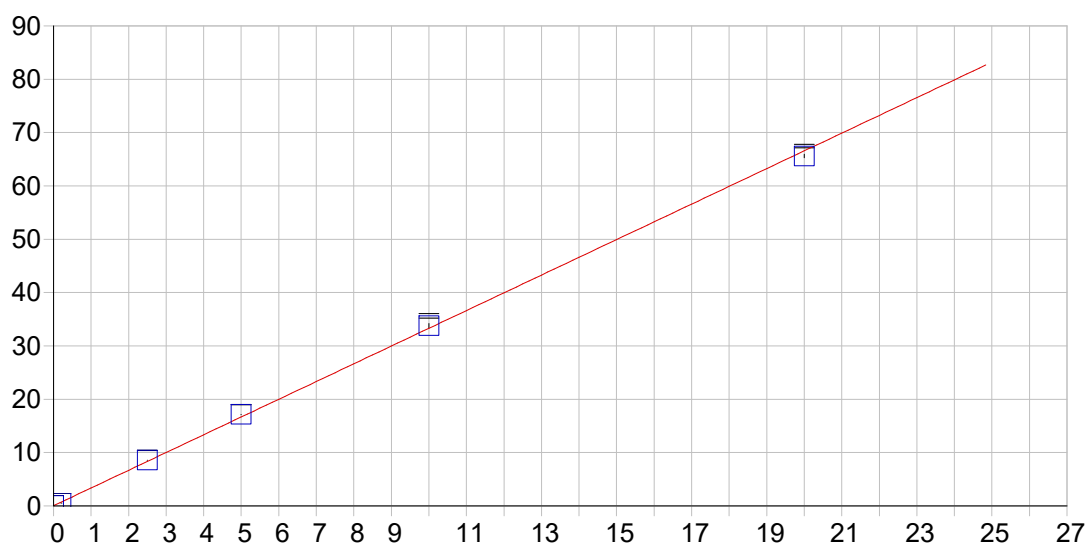


AI 396.152 { 85}

Date of Fit: 04/16/2021 13:28:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000158 Re-Slope: 1.000000
 A1 (Gain): 0.090748 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999595 Status: OK.
 Std Error of Est: 0.001607
 Predicted MDL: 0.009796
 Predicted MQL: 0.032654

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00016	.001	1
S1	.20000	.19884	-.001	-.580	.01823	.000	1
S2	38.750	37.019	-1.73	-4.47	3.3633	.015	1
S3	77.500	74.435	-3.06	-3.95	6.7624	.017	1
S4	155.00	149.12	-5.88	-3.79	13.548	.202	1
S5	310.00	301.44	-8.56	-2.76	27.384	.079	1
S6	800.00	819.26	19.3	2.41	74.347	.315	1

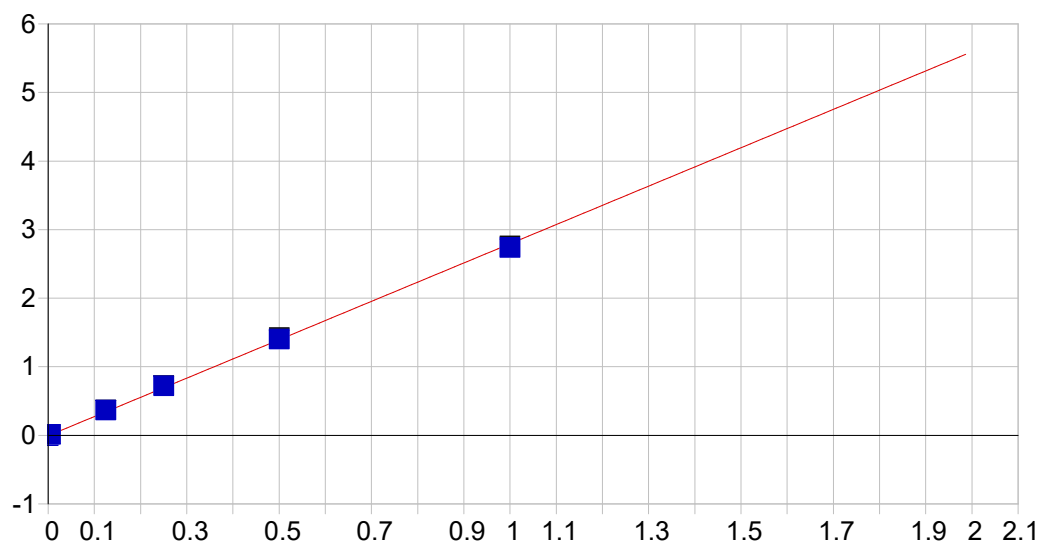


Ba 493.409 { 68}

Date of Fit: 04/16/2021 13:28:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.033076 Re-Slope: 1.000000
 A1 (Gain): 3.326908 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999663 Status: OK.
 Std Error of Est: 0.009185
 Predicted MDL: 0.000729
 Predicted MQL: 0.002430

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.03322	.001	1
S1	.20000	.14755	-.052	-26.2	.52395	.001	1
S2	2.5000	2.5608	.061	2.43	8.5526	.004	1
S3	5.0000	5.1413	.141	2.83	17.138	.026	1
S4	10.000	10.141	.141	1.41	33.771	.421	1
S5	20.000	19.710	-.290	-1.45	65.605	.329	1

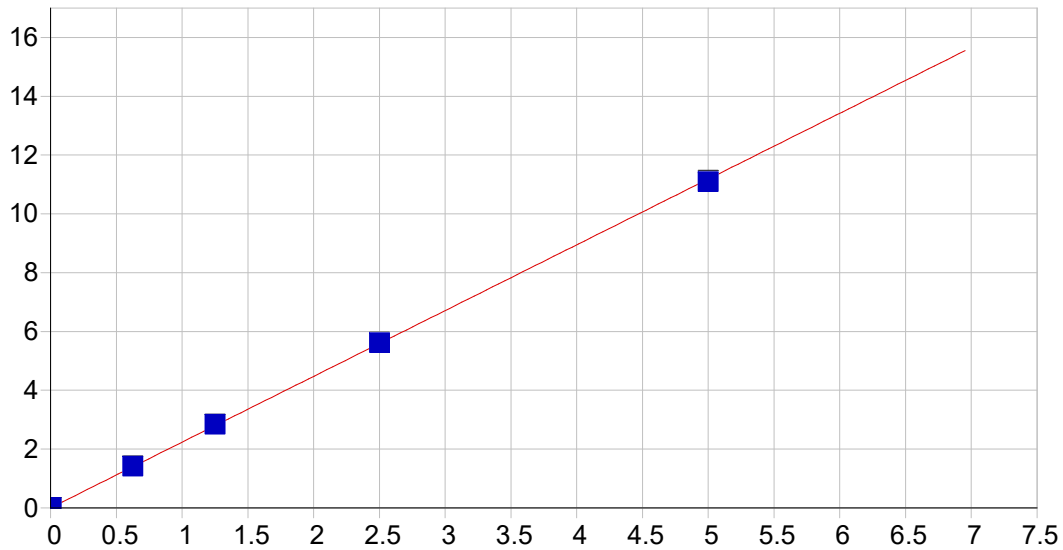


Be 234.861 {144}

Date of Fit: 04/16/2021 13:28:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.003757	Re-Slope:	1.000000
A1 (Gain):	2.798473	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999676	Status:	OK.
Std Error of Est:	0.000267		
Predicted MDL:	0.000110		
Predicted MQL:	0.000367		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00376	.000	1
S1	.00500	.00574	.001	14.9	.01231	.001	1
S2	.12500	.13218	.007	5.74	.36524	.003	1
S3	.25000	.25851	.009	3.41	.71788	.005	1
S4	.50000	.50309	.003	.619	1.4005	.017	1
S5	1.0000	.98047	-.020	-1.95	2.7328	.020	1

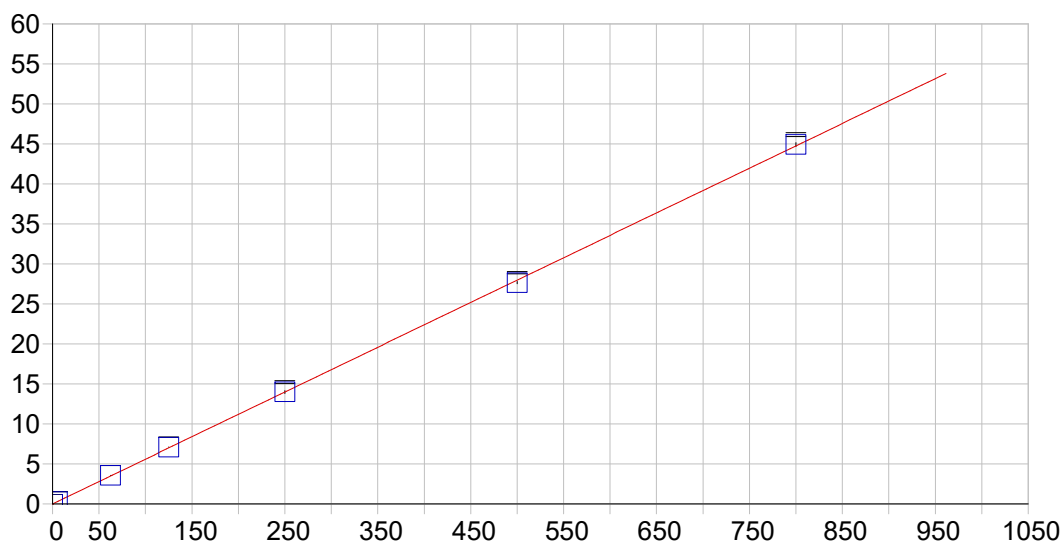


Cd 214.438 {457}

Date of Fit: 04/16/2021 13:28:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000477 Re-Slope: 1.000000
 A1 (Gain): 2.236783 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954 Status: OK.
 Std Error of Est: 0.000180
 Predicted MDL: 0.000132
 Predicted MQL: 0.000439

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00048	.000	1
S1	.00500	.00517	.000	3.34	.01204	.000	1
S2	.62500	.63428	.009	1.48	1.4220	.003	1
S3	1.2500	1.2704	.020	1.63	2.8476	.003	1
S4	2.5000	2.5112	.011	.447	5.6285	.011	1
S5	5.0000	4.9590	-.041	-.820	11.115	.031	1

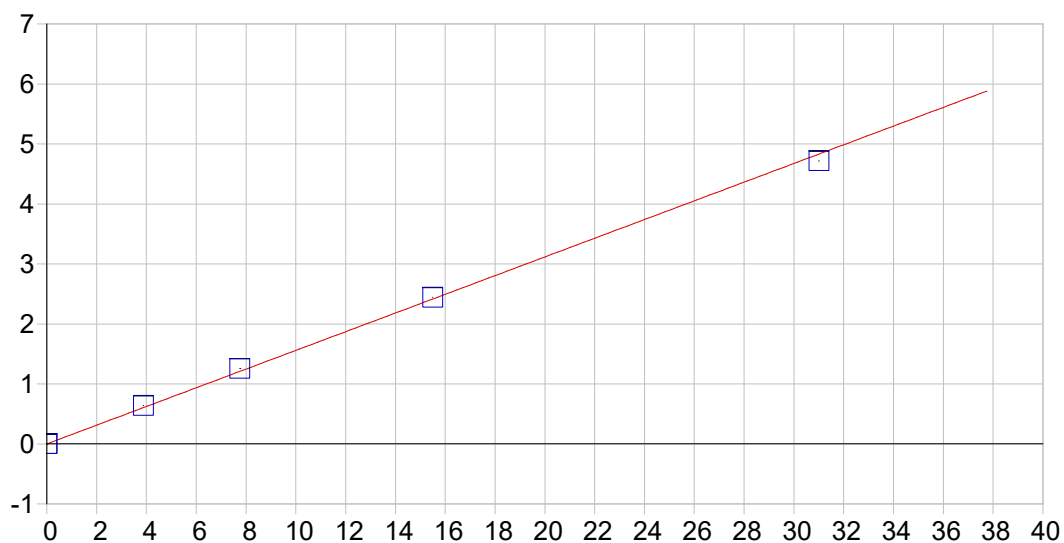


Ca 373.690 { 90}

Date of Fit: 04/16/2021 13:28:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002121 Re-Slope: 1.000000
 A1 (Gain): 0.055947 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962 Status: OK.
 Std Error of Est: 0.001710
 Predicted MDL: 0.012703
 Predicted MQL: 0.042343

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00042	-.000	.000	.00210	.001	1
S1	5.0000	5.3125	.313	6.25	.29934	.001	1
S2	62.500	63.556	1.06	1.69	3.5579	.009	1
S3	125.00	126.64	1.64	1.32	7.0875	.013	1
S4	250.00	249.86	-.137	-.055	13.981	.174	1
S5	500.00	494.32	-5.68	-1.14	27.658	.148	1
S6	800.00	802.81	2.81	.351	44.917	.246	1

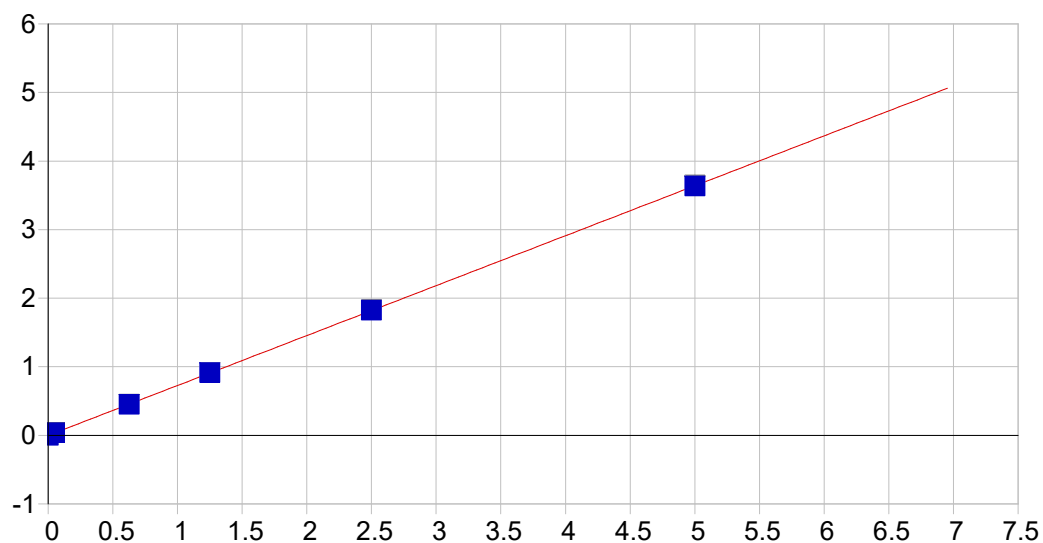


Cr 267.716 {126}

Date of Fit: 04/16/2021 13:28:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000007 Re-Slope: 1.000000
 A1 (Gain): 0.155810 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999610 Status: OK.
 Std Error of Est: 0.000128
 Predicted MDL: 0.000561
 Predicted MQL: 0.001870

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00001	.000	1
S1	.01000	.01092	.001	9.18	.00169	.000	1
S2	3.8750	4.1015	.226	5.84	.63904	.001	1
S3	7.7500	8.0719	.322	4.15	1.2577	.001	1
S4	15.500	15.671	.171	1.11	2.4418	.003	1
S5	31.000	30.279	-.721	-2.32	4.7178	.006	1

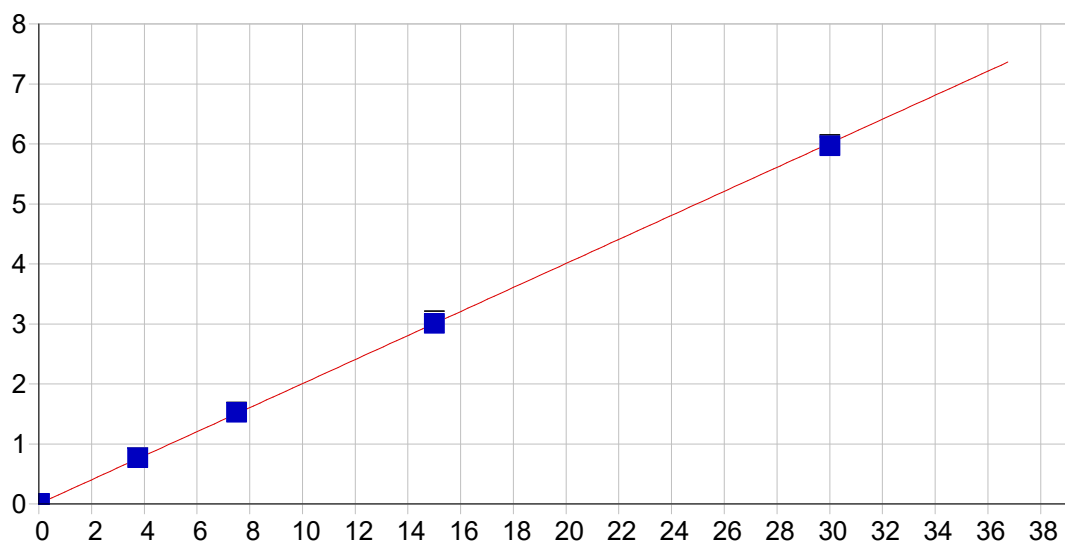


Co 228.616 {448}

Date of Fit: 04/16/2021 13:28:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001253	Re-Slope:	1.000000
A1 (Gain):	0.728096	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999995	Status:	OK.
Std Error of Est:	0.000063		
Predicted MDL:	0.000377		
Predicted MQL:	0.001258		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00125	.000	1
S1	.05000	.04887	-.001	-2.25	.03446	.001	1
S2	.62500	.62049	-.005	-.722	.45120	.001	1
S3	1.2500	1.2554	.005	.428	.91413	.000	1
S4	2.5000	2.5059	.006	.234	1.8260	.003	1
S5	5.0000	4.9944	-.006	-.111	3.6406	.007	1

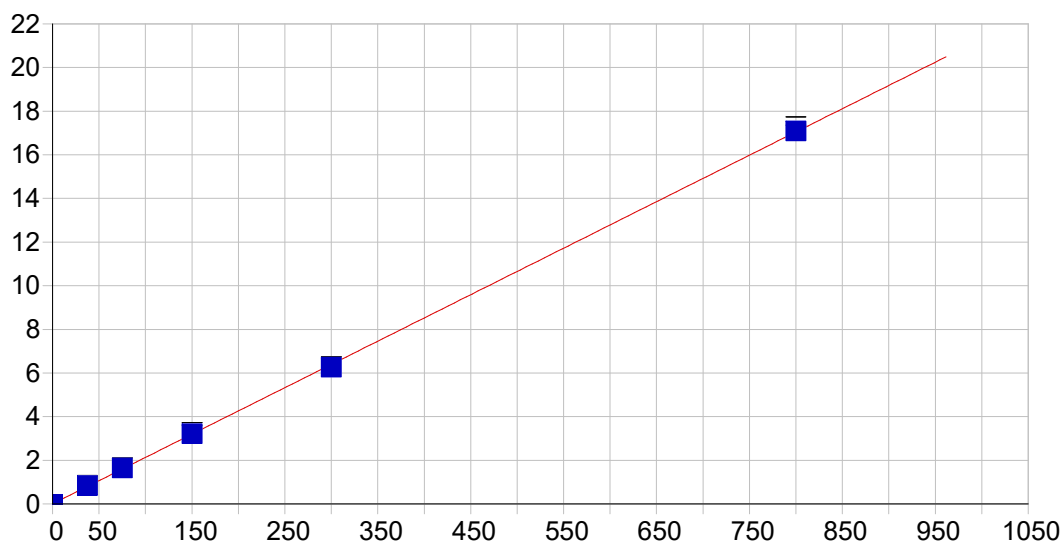


Cu 324.754 {104}

Date of Fit: 04/16/2021 13:28:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001917 Re-Slope: 1.000000
 A1 (Gain): 0.200286 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958 Status: OK.
 Std Error of Est: 0.000084
 Predicted MDL: 0.002441
 Predicted MQL: 0.008136

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00192	.001	1
S1	.02500	.02476	-.000	-.958	.00687	.000	1
S2	3.7500	3.8261	.076	2.03	.76723	.001	1
S3	7.5000	7.6149	.115	1.53	1.5250	.003	1
S4	15.000	15.012	.012	.082	3.0046	.042	1
S5	30.000	29.797	-.203	-.677	5.9617	.019	1

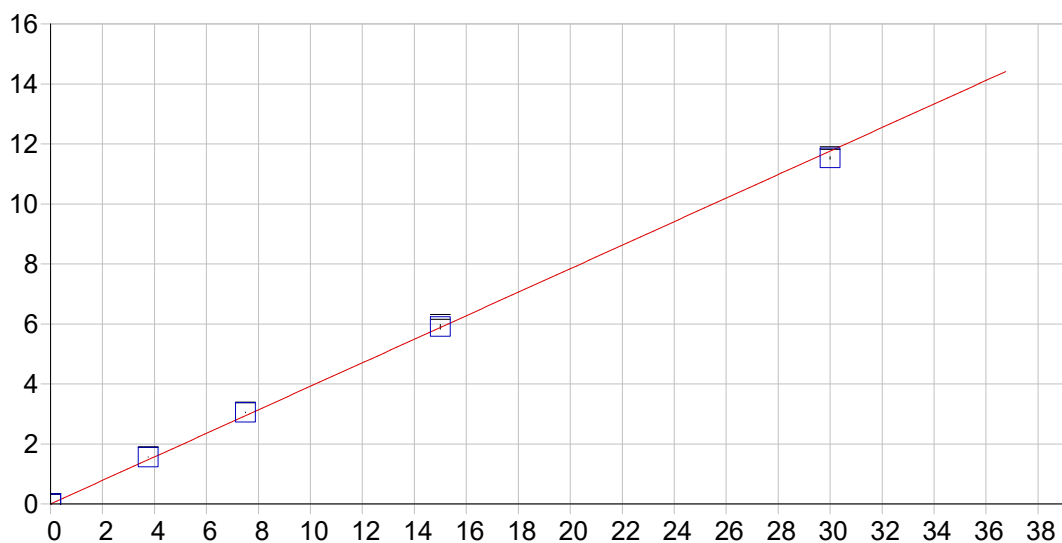


Fe 259.837 {130}

Date of Fit: 04/16/2021 13:28:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000149 Re-Slope: 1.000000
 A1 (Gain): 0.021310 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999898 Status: OK.
 Std Error of Est: 0.000133
 Predicted MDL: 0.009902
 Predicted MQL: 0.033007

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00015	.000	1
S1	.10000	.10966	.010	9.66	.00249	.000	1
S2	37.500	39.314	1.81	4.84	.83886	.009	1
S3	75.000	77.014	2.01	2.68	1.6432	.013	1
S4	150.00	150.41	.405	.270	3.2090	.059	1
S5	300.00	293.75	-6.25	-2.08	6.2674	.030	1
S6	800.00	802.01	2.01	.251	17.102	.189	1

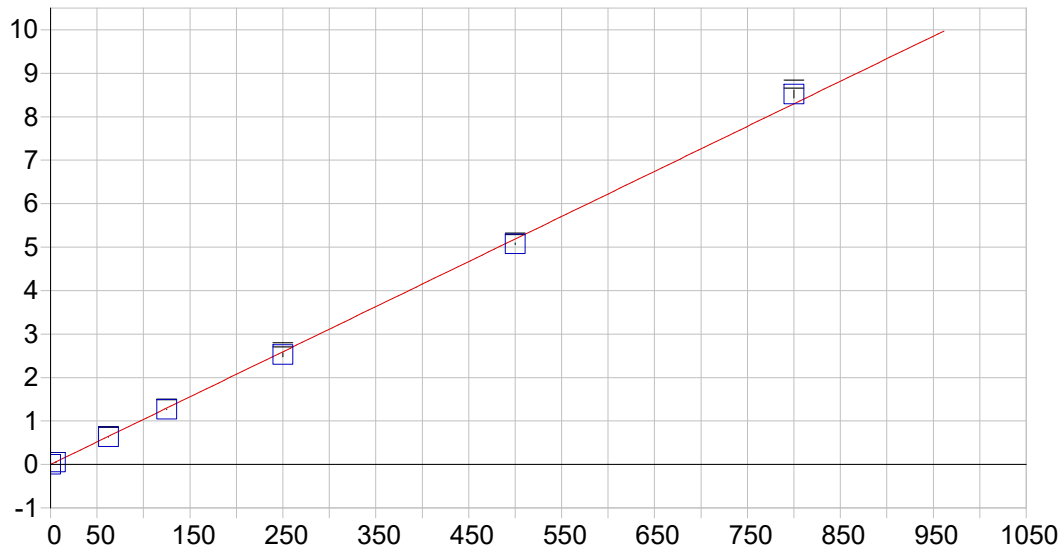


Mn 257.610 {131}

Date of Fit: 04/16/2021 13:28:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000404 Re-Slope: 1.000000
 A1 (Gain): 0.392030 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999673 Status: OK.
 Std Error of Est: 0.000356
 Predicted MDL: 0.000553
 Predicted MQL: 0.001844

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00040	.000	1
S1	.01500	.01704	.002	13.6	.00709	.000	1
S2	3.7500	3.9812	.231	6.17	1.5612	.002	1
S3	7.5000	7.7829	.283	3.77	3.0515	.011	1
S4	15.000	15.066	.066	.438	5.9066	.078	1
S5	30.000	29.418	-.582	-1.94	11.533	.045	1

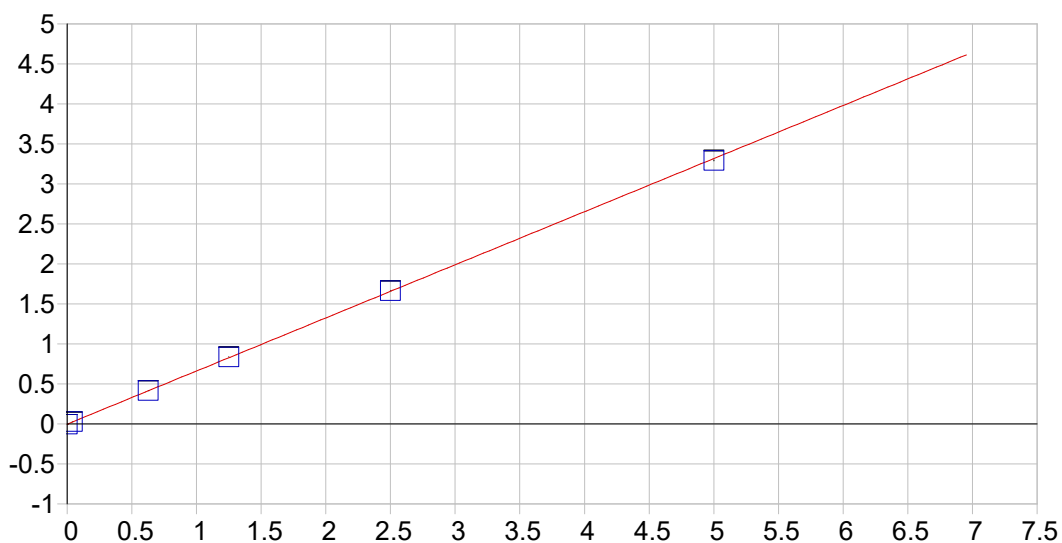


Mg 279.079 {121}

Date of Fit: 04/16/2021 13:28:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000034 Re-Slope: 1.000000
 A1 (Gain): 0.010372 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999685 Status: OK.
 Std Error of Est: 0.000910
 Predicted MDL: 0.027603
 Predicted MQL: 0.092010

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	-.00003	.000	1
S1	5.0000	5.3096	.310	6.19	.05504	.000	1
S2	62.500	61.054	-1.45	-2.31	.63324	.006	1
S3	125.00	122.02	-2.98	-2.39	1.2656	.008	1
S4	250.00	243.37	-6.63	-2.65	2.5243	.046	1
S5	500.00	489.34	-10.7	-2.13	5.0756	.017	1
S6	800.00	821.41	21.4	2.68	8.5200	.092	1

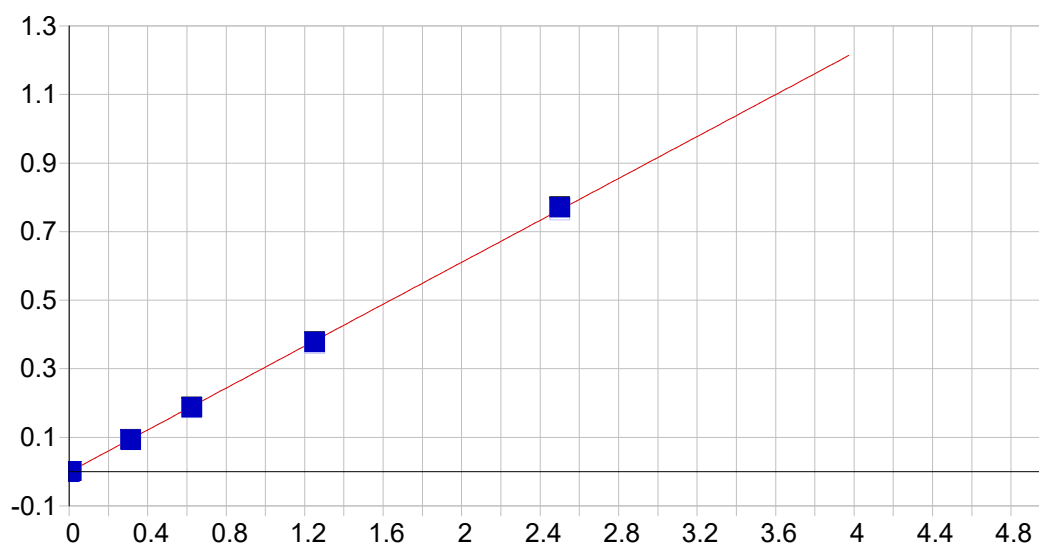


Ni 231.604 {446}

Date of Fit: 04/16/2021 13:28:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002485 Re-Slope: 1.000000
 A1 (Gain): 0.663802 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960 Status: OK.
 Std Error of Est: 0.000141
 Predicted MDL: 0.000542
 Predicted MQL: 0.001805

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00249	.000	1
S1	.04000	.04311	.003	7.77	.02613	.000	1
S2	.62500	.63060	.006	.895	.41611	.002	1
S3	1.2500	1.2655	.016	1.24	.83756	.002	1
S4	2.5000	2.5099	.010	.397	1.6636	.001	1
S5	5.0000	4.9659	-.034	-6.83	3.2939	.004	1

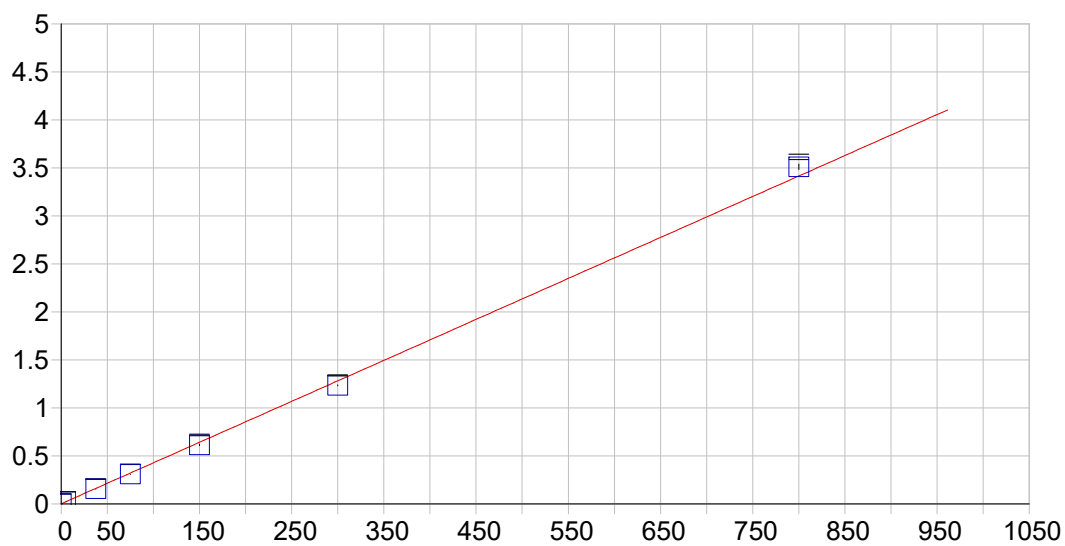


Ag 328.068 {103}

Date of Fit: 04/16/2021 13:28:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000788 Re-Slope: 1.000000
 A1 (Gain): 0.305659 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999941 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.000487
 Predicted MQL: 0.001624

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00079	.000	1
S1	.01000	.00959	-.000	-4.08	.00212	.000	1
S2	.31250	.30776	-.005	-1.52	.09226	.001	1
S3	.62500	.61739	-.008	-1.22	.18589	.001	1
S4	1.2500	1.2381	-.012	-.955	.37357	.001	1
S5	2.5000	2.5247	.025	.988	.76278	.002	1

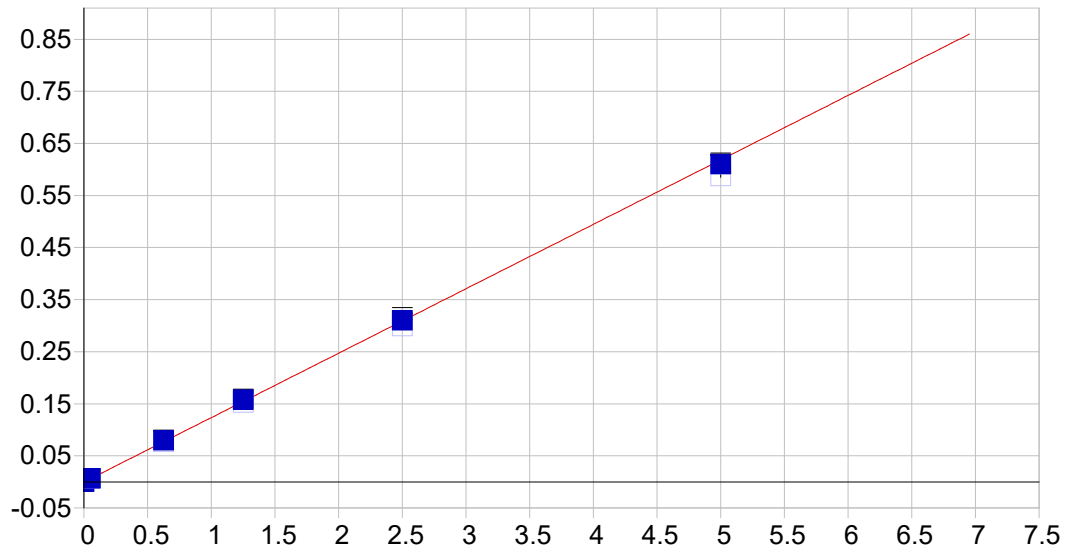


Na 818.326 { 41}

Date of Fit: 04/16/2021 13:28:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001649	Re-Slope:	1.000000
A1 (Gain):	0.004267	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999455	Status:	OK.
Std Error of Est:	0.000436		
Predicted MDL:	0.319049		
Predicted MQL:	1.063496		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00079	.001	.000	.00165	.001	1
S1	5.0000	4.8594	-.141	-2.81	.02239	.000	1
S2	37.500	36.065	-1.43	-3.83	.15555	.001	1
S3	75.000	72.048	-2.95	-3.94	.30910	.001	1
S4	150.00	143.58	-6.42	-4.28	.61435	.009	1
S5	300.00	288.71	-11.3	-3.76	1.2337	.005	1
S6	800.00	822.24	22.2	2.78	3.5103	.028	1

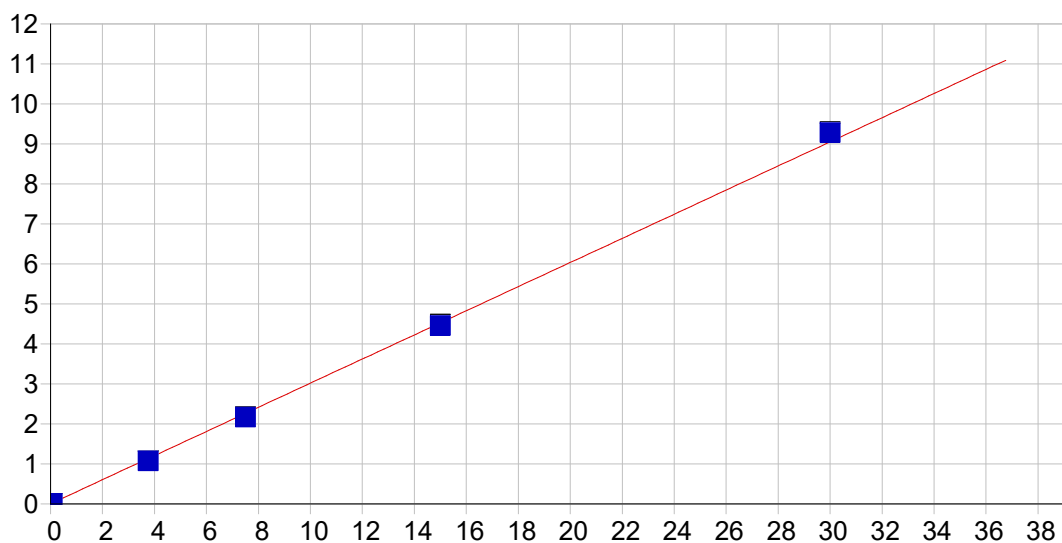


V 292.402 {115}

Date of Fit: 04/16/2021 13:28:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000362 Re-Slope: 1.000000
 A1 (Gain): 0.123753 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999834 Status: OK.
 Std Error of Est: 0.000058
 Predicted MDL: 0.002871
 Predicted MQL: 0.009569

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00036	.000	1
S1	.05000	.05519	.005	10.4	.00645	.000	1
S2	.62500	.64646	.021	3.43	.07679	.001	1
S3	1.2500	1.2789	.029	2.32	.15222	.001	1
S4	2.5000	2.5115	.011	.460	.29906	.005	1
S5	5.0000	4.9327	-.067	-1.35	.58731	.003	1

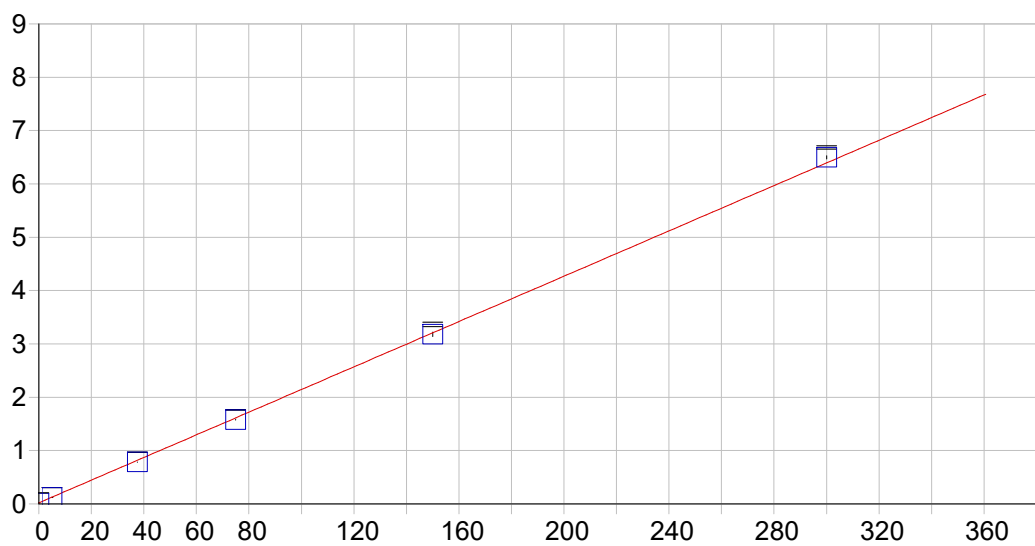


Zn 213.856 {158}

Date of Fit: 04/16/2021 13:28:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002007 Re-Slope: 1.000000
 A1 (Gain): 0.301669 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999582 Status: OK.
 Std Error of Est: 0.000622
 Predicted MDL: 0.002480
 Predicted MQL: 0.008267

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00201	.001	1
S1	.06000	.05540	-.005	-7.67	.01878	.000	1
S2	3.7500	3.5594	-.191	-5.08	1.0767	.005	1
S3	7.5000	7.1714	-.329	-4.38	2.1672	.012	1
S4	15.000	14.766	-.234	-1.56	4.4601	.034	1
S5	30.000	30.758	.758	2.53	9.2877	.018	1

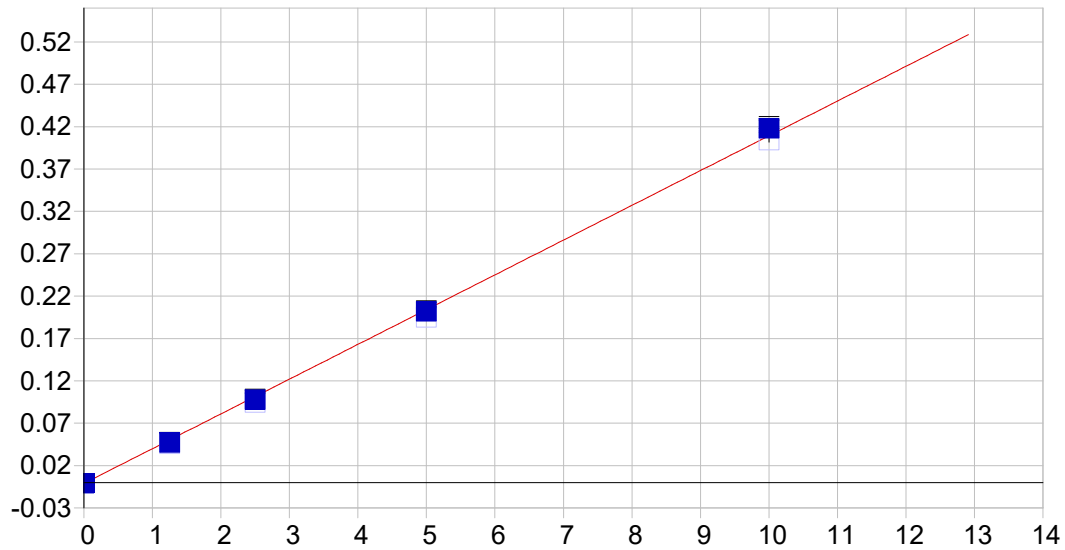


K 769.896 { 44 }

Date of Fit: 04/16/2021 13:28:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.020506 Re-Slope: 1.000000
 A1 (Gain): 0.021244 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999814 Status: OK.
 Std Error of Est: 0.000845
 Predicted MDL: 0.065714
 Predicted MQL: 0.219048

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00056	.001	.000	.02052	.001	1
S1	5.0000	4.7295	-.271	-5.41	.12098	.000	1
S2	37.500	35.908	-1.59	-4.25	.78334	.004	1
S3	75.000	73.269	-1.73	-2.31	1.5770	.005	1
S4	150.00	148.74	-1.26	-.841	3.1803	.044	1
S5	300.00	304.86	4.86	1.62	6.4969	.029	1

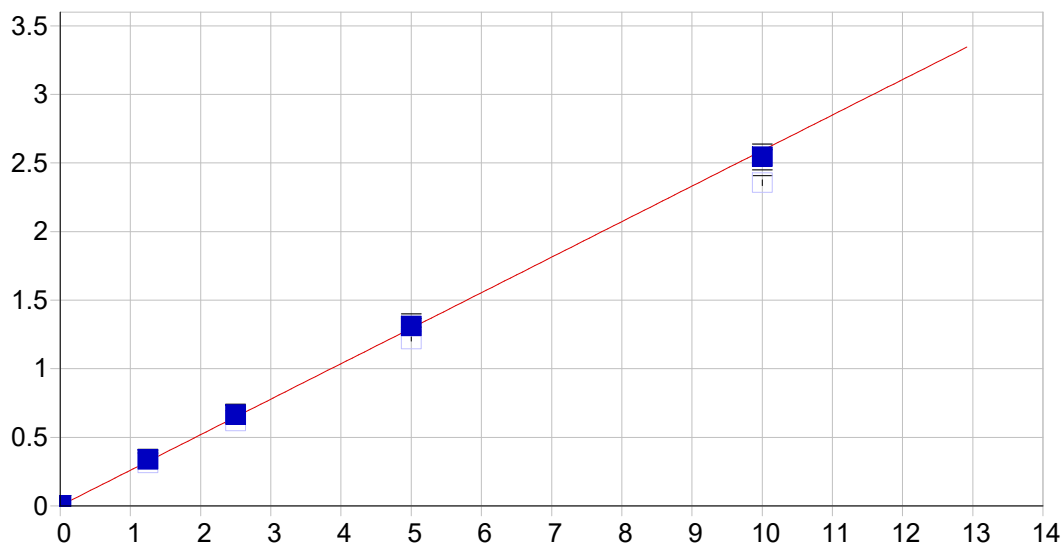


P 177.495 {490}

Date of Fit: 04/16/2021 13:28:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001102 Re-Slope: 1.000000
 A1 (Gain): 0.041030 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999632 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.003874
 Predicted MQL: 0.012914

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00110	.000	1
S1	.01000	.00958	-.000	-4.19	-.00072	.000	1
S2	1.2500	1.1776	-.072	-5.79	.04546	.000	1
S3	2.5000	2.4071	-.093	-3.72	.09414	.001	1
S4	5.0000	4.9491	-.051	-1.02	.19493	.001	1
S5	10.000	10.217	.217	2.17	.40402	.002	1

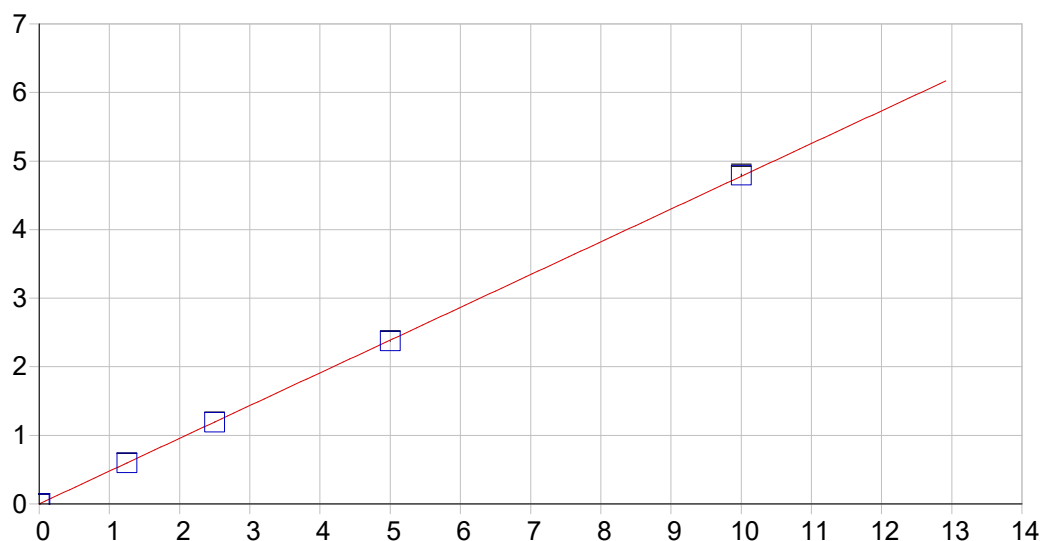


B 249.678 {135}

Date of Fit: 04/16/2021 13:28:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000991 Re-Slope: 1.000000
 A1 (Gain): 0.258957 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999768 Status: OK.
 Std Error of Est: 0.000087
 Predicted MDL: 0.001259
 Predicted MQL: 0.004198

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00099	.000	1
S1	.01000	.00987	-.000	-1.31	.00351	.000	1
S2	1.2500	1.2981	.048	3.85	.31346	.002	1
S3	2.5000	2.5677	.068	2.71	.61856	.003	1
S4	5.0000	5.0599	.060	1.20	1.2166	.016	1
S5	10.000	9.8244	-.176	-1.76	2.3556	.021	1

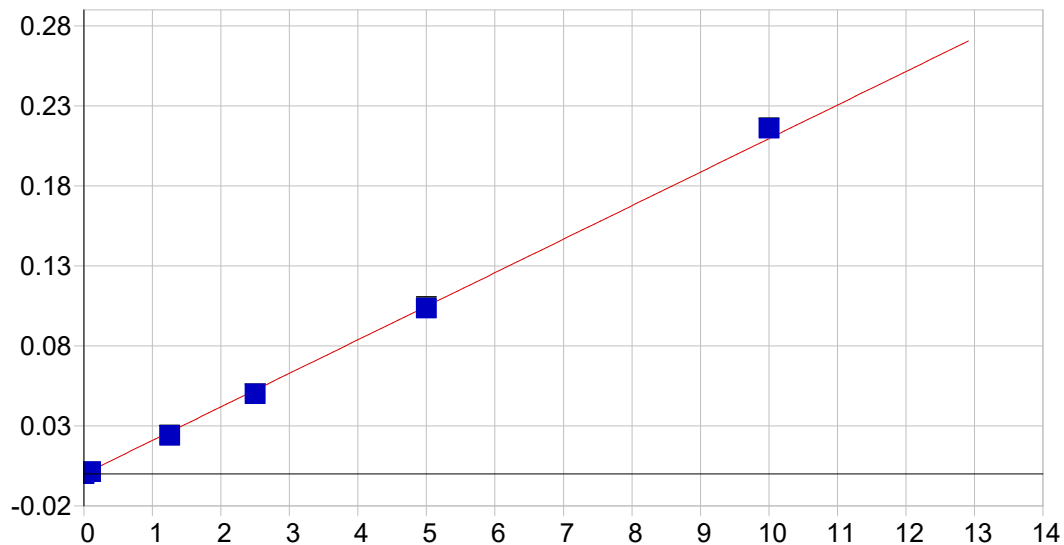


Mo 202.030 {467}

Date of Fit: 04/16/2021 13:28:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000531	Re-Slope:	1.000000
A1 (Gain):	0.477658	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999987	Status:	OK.
Std Error of Est:	0.000041		
Predicted MDL:	0.000524		
Predicted MQL:	0.001746		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00053	.000	1
S1	.01000	.01131	.001	13.1	.00594	.000	1
S2	1.2500	1.2474	-.003	-.209	.59635	.002	1
S3	2.5000	2.4941	-.006	-.237	1.1918	.001	1
S4	5.0000	4.9705	-.029	-.590	2.3747	.005	1
S5	10.000	10.037	.037	.367	4.7947	.018	1

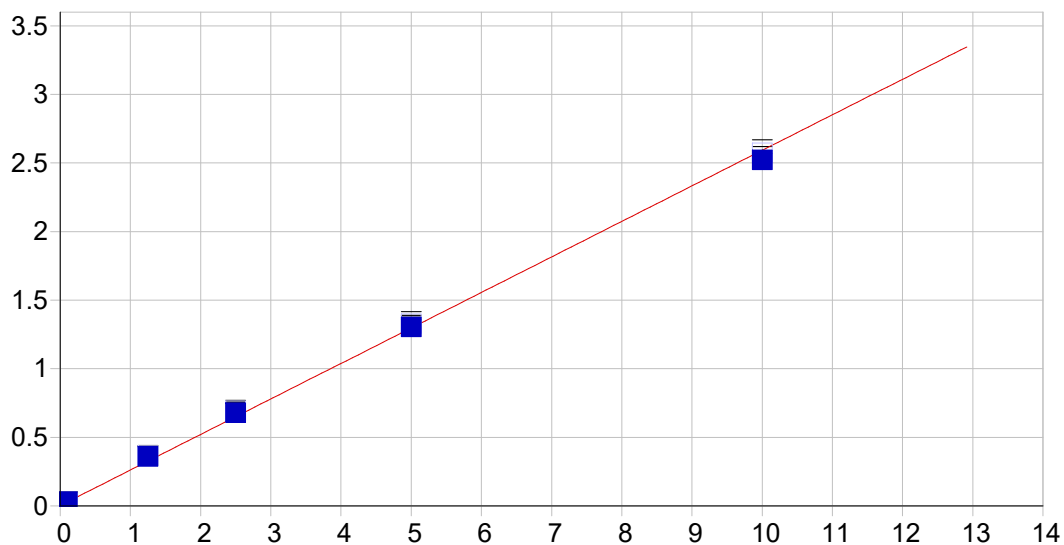


S 182.034 {485}

Date of Fit: 04/16/2021 13:28:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000022 Re-Slope: 1.000000
 A1 (Gain): 0.020958 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999130 Status: OK.
 Std Error of Est: 0.000046
 Predicted MDL: 0.007315
 Predicted MQL: 0.024384

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	-.00002	.000	1
S1	.10000	.07168	-.028	-28.3	.00148	.000	1
S2	1.2500	1.1431	-.107	-8.56	.02393	.000	1
S3	2.5000	2.3849	-.115	-4.60	.04995	.000	1
S4	5.0000	4.9400	-.060	-1.20	.10350	.001	1
S5	10.000	10.310	.310	3.10	.21604	.000	1

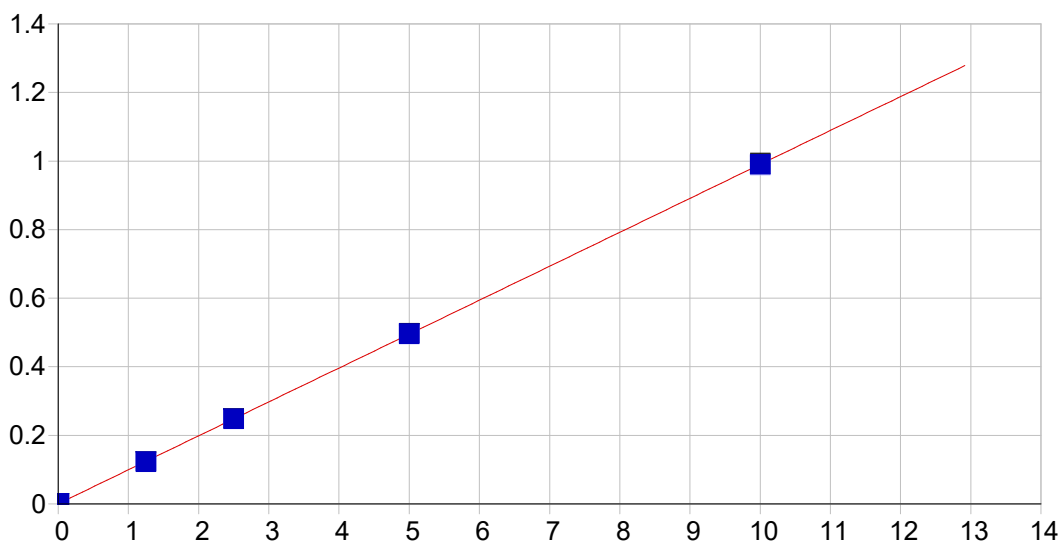


Si 251.611 {134}

Date of Fit: 04/16/2021 13:28:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002630 Re-Slope: 1.000000
 A1 (Gain): 0.258968 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999329 Status: OK.
 Std Error of Est: 0.000514
 Predicted MDL: 0.001336
 Predicted MQL: 0.004453

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00263	.000	1
S1	.10000	.10372	.004	3.72	.02977	.001	1
S2	1.2500	1.3809	.131	10.5	.36655	.001	1
S3	2.5000	2.6132	.113	4.53	.69198	.005	1
S4	5.0000	5.0216	.022	.433	1.3283	.015	1
S5	10.000	9.7307	-.269	-2.69	2.5731	.024	1

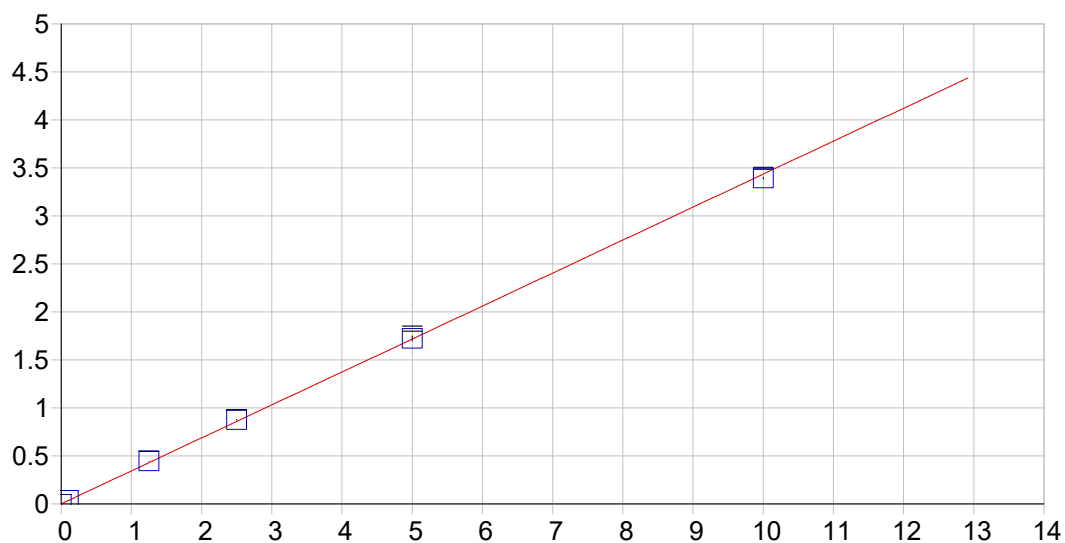


Sn 189.989 {478}

Date of Fit: 04/16/2021 13:28:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000499	Re-Slope:	1.000000
A1 (Gain):	0.098958	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999989	Status:	OK.
Std Error of Est:	0.000006		
Predicted MDL:	0.001681		
Predicted MQL:	0.005603		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00050	.000	1
S1	.00700	.00582	-.001	-16.9	.00105	.000	1
S2	1.2500	1.2354	-.015	-1.17	.12242	.000	1
S3	2.5000	2.5049	.005	.194	.24770	.001	1
S4	5.0000	5.0091	.009	.183	.49485	.002	1
S5	10.000	10.002	.002	.017	.98755	.004	1

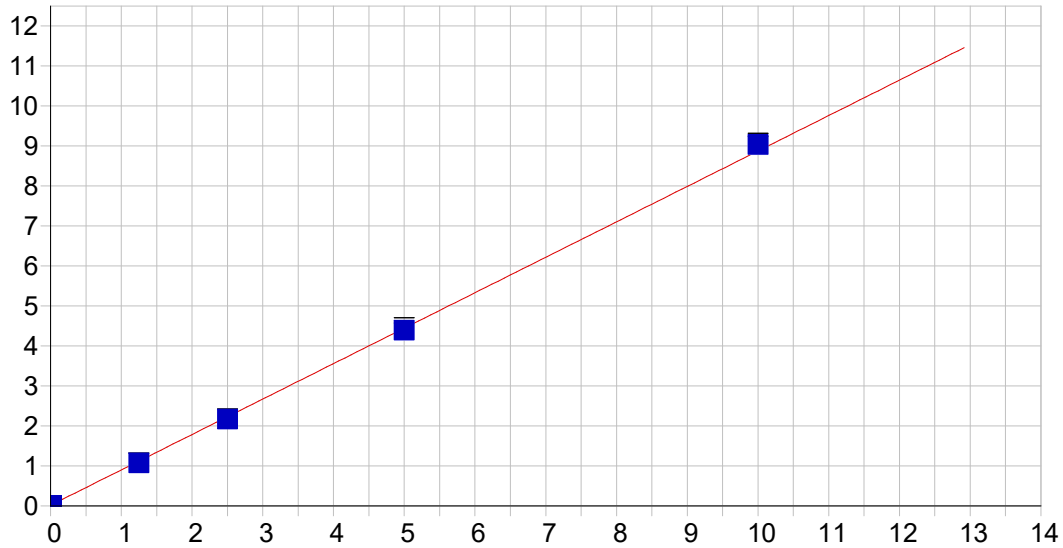


Ti 336.121 {100}

Date of Fit: 04/16/2021 13:28:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000657 Re-Slope: 1.000000
 A1 (Gain): 0.343406 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999877 Status: OK.
 Std Error of Est: 0.000286
 Predicted MDL: 0.001418
 Predicted MQL: 0.004726

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00065	.000	1
S1	.10000	.10578	.006	5.78	.03698	.001	1
S2	1.2500	1.2957	.046	3.65	.44560	.002	1
S3	2.5000	2.5525	.052	2.10	.87720	.004	1
S4	5.0000	5.0175	.018	.351	1.7237	.027	1
S5	10.000	9.8785	-.121	-1.21	3.3930	.010	1



Li 670.784 { 50}

Date of Fit: 04/16/2021 13:28:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.013872 Re-Slope: 1.000000
 A1 (Gain): 0.886191 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999773 Status: OK.
 Std Error of Est: 0.000388
 Predicted MDL: 0.001623
 Predicted MQL: 0.005410

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.01388	.001	1
S5	10.000	10.179	.179	1.79	9.0245	.039	1
S4	5.0000	4.9422	-.058	-1.16	4.3888	.065	1
S3	2.5000	2.4359	-.064	-2.56	2.1701	.005	1
S2	1.2500	1.1965	-.053	-4.28	1.0730	.002	1
S1	.01500	.01169	-.003	-22.0	.02416	.001	1







Y 224.306 {150}*

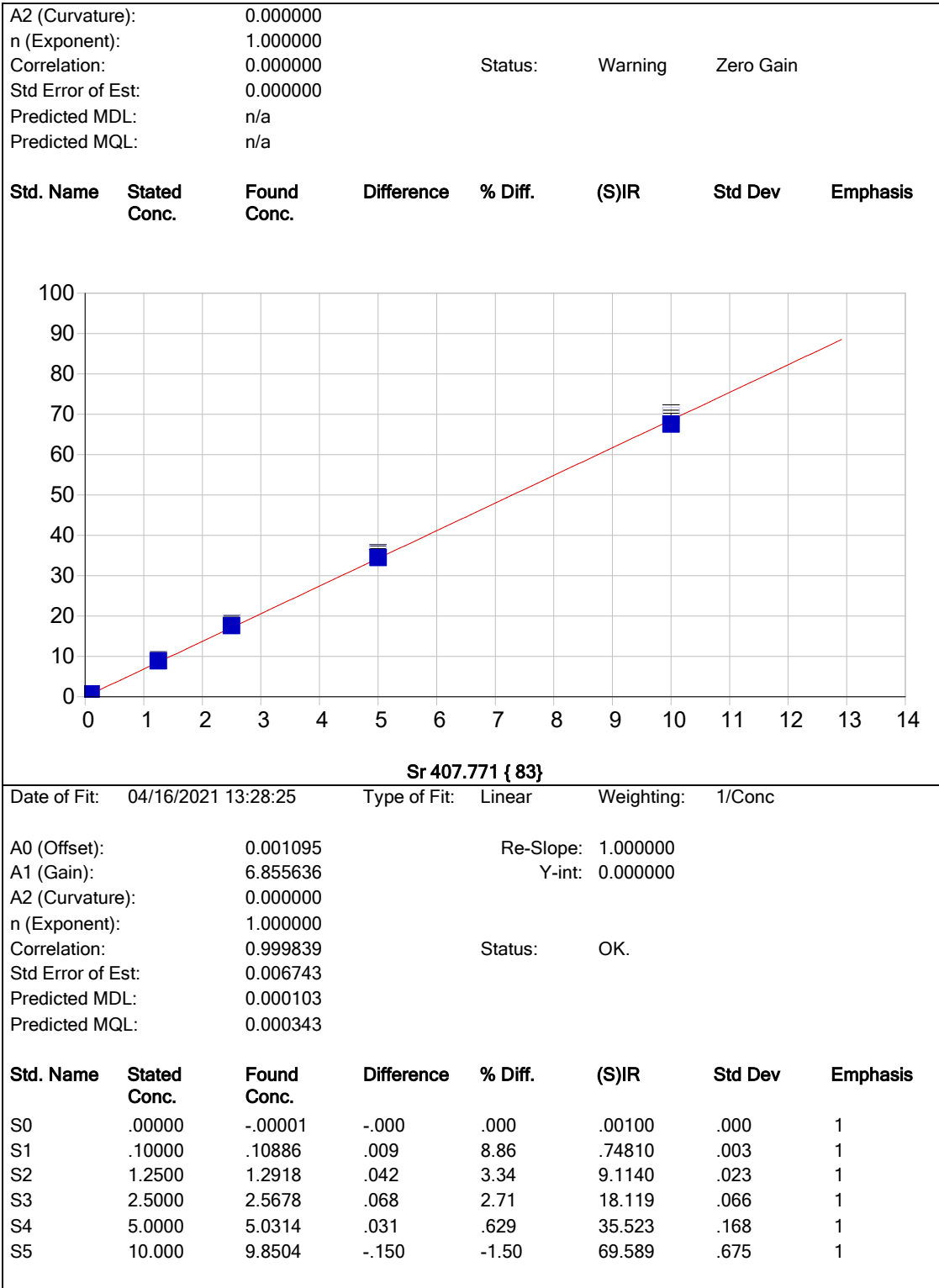
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				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

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

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



Sample Name: S0 Acquired: 04/16/2021 12:34:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1472) 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	-.00066	-.00198	.00159	.00099	.00127	.00016	.03322	-.00376
Stddev	.00015	.00020	.00023	.00023	.00035	.00050	.00147	.00016
%RSD	22.945	9.9709	14.462	23.516	27.935	311.42	4.4385	4.1635
#1	-.00072	-.00195	.00159	.00082	.00168	-.00041	.03422	-.00358
#2	-.00078	-.00179	.00182	.00125	.00111	.00036	.03390	-.00383
#3	-.00049	-.00218	.00136	.00089	.00103	.00053	.03152	-.00387
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	.00048	.00210	-.00001	-.00125	.00192	.00015	.00040	-.00003
Stddev	.00028	.00074	.00004	.00008	.00069	.00006	.00008	.00013
%RSD	57.974	35.229	548.59	6.3834	35.868	41.239	20.553	379.27
#1	.00019	.00239	-.00006	-.00127	.00115	.00011	.00049	-.00017
#2	.00050	.00265	.00001	-.00117	.00248	.00012	.00032	-.00000
#3	.00074	.00126	.00002	-.00132	.00211	.00022	.00040	.00008
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	-.00249	-.00079	.00165	-.00036	.00201	.02052	-.00110	.00099
Stddev	.00031	.00002	.00093	.00044	.00081	.00136	.00004	.00043
%RSD	12.543	2.5626	55.984	122.43	40.538	6.6109	3.7133	43.707
#1	-.00216	-.00077	.00225	-.00039	.00293	.02039	-.00106	.00060
#2	-.00278	-.00078	.00212	.00009	.00139	.02193	-.00115	.00091
#3	-.00252	-.00081	.00059	-.00079	.00170	.01923	-.00110	.00146
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	.00053	-.00002	.00263	.00050	.00065	.01388	.00100	
Stddev	.00020	.00013	.00012	.00013	.00038	.00069	.00030	
%RSD	37.348	621.93	4.4918	26.344	58.218	4.9627	30.502	
#1	.00053	.00010	.00251	.00065	.00048	.01309	.00113	
#2	.00073	-.00016	.00274	.00044	.00039	.01439	.00065	
#3	.00033	-.00000	.00263	.00041	.00109	.01415	.00122	

Sample Name: S0 Acquired: 04/16/2021 12:34:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1472) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1799.1	39502.	7965.9	1270.8	2262.9
Stddev	1.4	232.	28.5	8.8	2.2
%RSD	.07803	.58644	.35733	.69364	.09868
#1	1798.1	39331.	7962.2	1279.2	2265.5
#2	1800.7	39766.	7939.4	1271.6	2261.4
#3	1798.5	39410.	7996.0	1261.6	2261.9

Sample Name: S1 Acquired: 04/16/2021 12:38:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1472) 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	-.00046	-.00054	.00376	.00211	.00918	.01823	.52395	.01231
Stddev	.00012	.00014	.00036	.00004	.00011	.00038	.00065	.00070
%RSD	27.089	25.577	9.5263	2.0175	1.2468	2.1041	.12319	5.6954

#1	-.00057	-.00064	.00414	.00215	.00912	.01822	.52451	.01238
#2	-.00048	-.00060	.00372	.00206	.00911	.01862	.52324	.01158
#3	-.00033	-.00039	.00343	.00212	.00931	.01786	.52410	.01297

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	.01204	.29934	.00169	.03446	.00687	.00249	.00709	.05504
Stddev	.00032	.00086	.00004	.00057	.00018	.00026	.00012	.00038
%RSD	2.6342	.28575	2.2574	1.6633	2.5734	10.268	1.7128	.68482

#1	.01241	.29836	.00174	.03434	.00689	.00221	.00698	.05481
#2	.01186	.29972	.00169	.03395	.00703	.00255	.00722	.05483
#3	.01186	.29994	.00166	.03508	.00668	.00272	.00706	.05548

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	.02613	.00212	.02239	.00645	.01878	.12098	-.00072	.00351
Stddev	.00047	.00005	.00015	.00026	.00050	.00035	.00013	.00043
%RSD	1.8117	2.4094	.65158	3.9795	2.6513	.28877	18.741	12.175

#1	.02621	.00215	.02233	.00674	.01835	.12079	-.00075	.00334
#2	.02656	.00215	.02255	.00626	.01932	.12138	-.00083	.00399
#3	.02562	.00206	.02228	.00635	.01865	.12077	-.00057	.00319

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	.00594	.00148	.02977	.00105	.03698	.02416	.74810	
Stddev	.00017	.00008	.00063	.00009	.00080	.00146	.00328	
%RSD	2.8542	5.6308	2.1129	8.1895	2.1601	6.0548	.43872	

#1	.00584	.00158	.02945	.00096	.03608	.02247	.74436	
#2	.00613	.00144	.02937	.00113	.03728	.02505	.75051	
#3	.00584	.00143	.03050	.00106	.03759	.02496	.74942	

Sample Name: S1 Acquired: 04/16/2021 12:38:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1472) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1789.7	39458.	7985.6	1275.3	2249.6
Stddev	2.0	126.	63.9	4.1	5.8
%RSD	.11258	.31924	.79975	.31918	.25909
#1	1788.6	39447.	8056.9	1270.9	2255.5
#2	1788.6	39590.	7966.4	1278.9	2243.9
#3	1792.1	39338.	7933.6	1276.3	2249.4

Sample Name: S2 Acquired: 04/16/2021 12:42:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1472) 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	.04220	.08008	1.3826	.04502	.16935	3.3633	8.5526	.36524
Stddev	.00020	.00031	.0035	.00017	.00118	.0149	.0042	.00346
%RSD	.48173	.38328	.25157	.38418	.69956	.44301	.04959	.94683

#1	.04219	.07977	1.3789	.04521	.16843	3.3570	8.5528	.36895
#2	.04241	.08039	1.3833	.04488	.16893	3.3803	8.5567	.36466
#3	.04201	.08008	1.3857	.04497	.17069	3.3526	8.5482	.36211

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	1.4220	3.5579	.63904	.45120	.76723	.83886	1.5612	.63324
Stddev	.0026	.0092	.00141	.00078	.00120	.00913	.0025	.00621
%RSD	.18356	.25783	.21991	.17398	.15600	1.0880	.16005	.98049

#1	1.4192	3.5644	.63747	.45069	.76760	.84129	1.5640	.63170
#2	1.4224	3.5618	.63950	.45082	.76819	.84653	1.5592	.64008
#3	1.4244	3.5474	.64016	.45211	.76589	.82877	1.5604	.62795

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	.41611	.09226	.15555	.07679	1.0767	.78334	.04546	.31346
Stddev	.00156	.00091	.00072	.00073	.0046	.00378	.00020	.00239
%RSD	.37569	.98569	.46579	.95282	.42768	.48261	.44924	.76240

#1	.41434	.09133	.15624	.07712	1.0714	.77960	.04547	.31430
#2	.41668	.09315	.15480	.07731	1.0801	.78716	.04525	.31532
#3	.41730	.09232	.15561	.07596	1.0784	.78325	.04566	.31077

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	.59635	.02393	.36655	.12242	.44560	1.0730	9.1140
Stddev	.00209	.00020	.00132	.00023	.00170	.0021	.0229
%RSD	.35046	.84972	.35945	.18795	.38260	.19808	.25112

#1	.59400	.02375	.36756	.12239	.44547	1.0744	9.1166
#2	.59706	.02389	.36506	.12220	.44737	1.0741	9.1354
#3	.59800	.02415	.36702	.12266	.44397	1.0706	9.0899

Sample Name: S2 Acquired: 04/16/2021 12:42:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1472) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1714.5	38582.	7946.4	1226.4	2066.2
Stddev	1.2	158.	63.5	3.3	1.9
%RSD	.06946	.41006	.79893	.27257	.09238
#1	1715.7	38651.	7931.9	1230.0	2064.0
#2	1713.3	38401.	7891.5	1225.9	2066.9
#3	1714.3	38694.	8015.9	1223.4	2067.6

Sample Name: S3 Acquired: 04/16/2021 12:46:47 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1472) 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	.08693	.16085	2.7853	.08996	.34154	6.7624	17.138	.71788
Stddev	.00021	.00033	.0035	.00028	.00114	.0170	.026	.00511
%RSD	.24381	.20489	.12479	.31197	.33307	.25068	.15196	.71187

#1	.08718	.16122	2.7861	.08965	.34047	6.7820	17.167	.72209
#2	.08680	.16058	2.7814	.09020	.34141	6.7522	17.119	.71937
#3	.08683	.16075	2.7882	.09003	.34273	6.7530	17.126	.71220

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	2.8476	7.0875	1.2577	.91413	1.5250	1.6432	3.0515	1.2656
Stddev	.0035	.0134	.0008	.00008	.0025	.0125	.0105	.0077
%RSD	.12281	.18882	.06235	.00871	.16669	.76216	.34466	.61200

#1	2.8461	7.0957	1.2580	.91422	1.5266	1.6574	3.0471	1.2742
#2	2.8451	7.0721	1.2568	.91407	1.5264	1.6381	3.0440	1.2634
#3	2.8516	7.0948	1.2583	.91410	1.5221	1.6340	3.0635	1.2592

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	.83756	.18589	.30910	.15222	2.1672	1.5770	.09414	.61856
Stddev	.00215	.00052	.00117	.00102	.0119	.0045	.00073	.00309
%RSD	.25651	.27783	.37967	.67175	.55118	.28697	.77202	.49990

#1	.83572	.18547	.31006	.15340	2.1796	1.5821	.09429	.61899
#2	.83704	.18574	.30945	.15160	2.1558	1.5755	.09479	.62142
#3	.83992	.18647	.30779	.15166	2.1660	1.5735	.09336	.61528

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	1.1918	.04995	.69198	.24770	.87720	2.1701	18.119
Stddev	.0010	.00021	.00501	.00051	.00382	.0054	.066
%RSD	.08290	.43008	.72467	.20512	.43560	.24904	.36323

#1	1.1907	.04990	.69599	.24743	.88148	2.1764	18.195
#2	1.1923	.05019	.69358	.24738	.87598	2.1668	18.077
#3	1.1925	.04977	.68636	.24829	.87413	2.1672	18.085

Sample Name: S3 Acquired: 04/16/2021 12:46:47 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1472) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1652.9	37635.	7892.8	1183.6	1953.6
Stddev	2.0	124.	51.8	1.1	1.5
%RSD	.12318	.32837	.65636	.09614	.07902
#1	1650.8	37515.	7836.5	1182.7	1953.4
#2	1654.9	37762.	7903.4	1184.9	1955.2
#3	1652.8	37628.	7938.5	1183.3	1952.1

Sample Name: S4 Acquired: 04/16/2021 12:50:40 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1472) 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	.17793	.31620	5.5509	.17858	.68915	13.548	33.771	1.4005
Stddev	.00034	.00115	.0085	.00070	.00134	.202	.421	.0168
%RSD	.19094	.36423	.15294	.39187	.19386	1.4939	1.2478	1.2000

#1	.17806	.31631	5.5497	.17801	.68858	13.314	33.286	1.3811
#2	.17819	.31500	5.5431	.17836	.69068	13.663	34.049	1.4102
#3	.17754	.31730	5.5599	.17936	.68821	13.665	33.977	1.4102

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	5.6285	13.981	2.4418	1.8260	3.0046	3.2090	5.9066	2.5243
Stddev	.0109	.174	.0027	.0035	.0423	.0592	.0776	.0461
%RSD	.19333	1.2439	.10841	.19105	1.4074	1.8464	1.3142	1.8282

#1	5.6278	13.781	2.4441	1.8279	2.9558	3.1407	5.8170	2.4711
#2	5.6179	14.089	2.4389	1.8220	3.0303	3.2405	5.9518	2.5485
#3	5.6396	14.074	2.4422	1.8281	3.0278	3.2458	5.9511	2.5533

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	1.6636	.37357	.61435	.29906	4.4601	3.1803	.19493	1.2166
Stddev	.0014	.00083	.00912	.00544	.0344	.0438	.00074	.0156
%RSD	.08286	.22211	1.4845	1.8206	.77195	1.3772	.38042	1.2818

#1	1.6635	.37368	.60395	.29277	4.4213	3.1302	.19545	1.1986
#2	1.6623	.37269	.61811	.30225	4.4716	3.2111	.19408	1.2263
#3	1.6651	.37434	.62099	.30215	4.4872	3.1997	.19526	1.2248

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	2.3747	.10350	1.3283	.49485	1.7237	4.3888	35.523
Stddev	.0052	.00085	.0149	.00163	.0272	.0647	.168
%RSD	.21775	.81853	1.1218	.32924	1.5768	1.4749	.47205

#1	2.3807	.10323	1.3112	.49631	1.6924	4.3141	35.408
#2	2.3720	.10282	1.3352	.49309	1.7369	4.4285	35.446
#3	2.3715	.10445	1.3385	.49513	1.7418	4.4238	35.716

Sample Name: S4 Acquired: 04/16/2021 12:50:40 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1472) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1562.9	36667.	7838.5	1118.2	1822.5
Stddev	4.2	59.	82.6	1.5	4.8
%RSD	.27075	.16163	1.0537	.13414	.26150
#1	1567.8	36633.	7933.8	1117.8	1826.2
#2	1560.4	36633.	7788.2	1117.0	1824.1
#3	1560.5	36736.	7793.5	1119.9	1817.1

Sample Name: S5 Acquired: 04/16/2021 12:54:40 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1472) 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	.36825	.61670	11.147	.36096	1.4255	27.384	65.605	2.7328
Stddev	.00066	.00238	.009	.00133	.0039	.079	.329	.0200
%RSD	.17936	.38668	.07796	.36865	.27555	.28681	.50111	.73192

#1	.36823	.61446	11.143	.36021	1.4218	27.426	65.604	2.7520
#2	.36760	.61642	11.142	.36018	1.4250	27.294	65.277	2.7121
#3	.36892	.61921	11.157	.36250	1.4296	27.434	65.934	2.7345

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	11.115	27.658	4.7178	3.6406	5.9617	6.2674	11.533	5.0756
Stddev	.031	.148	.0058	.0067	.0187	.0295	.045	.0174
%RSD	.28259	.53593	.12309	.18458	.31375	.47102	.38905	.34323

#1	11.090	27.735	4.7219	3.6345	5.9690	6.2961	11.541	5.0915
#2	11.104	27.487	4.7203	3.6396	5.9404	6.2371	11.485	5.0570
#3	11.150	27.751	4.7112	3.6478	5.9757	6.2690	11.574	5.0784

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.2939	.76278	1.2337	.58731	9.2877	6.4969	.40402	2.3556
Stddev	.0044	.00206	.0047	.00266	.0180	.0292	.00218	.0211
%RSD	.13292	.26959	.38395	.45224	.19388	.44975	.53990	.89611

#1	3.2893	.76515	1.2364	.59006	9.2920	6.5093	.40324	2.3775
#2	3.2942	.76166	1.2282	.58475	9.3032	6.4635	.40235	2.3354
#3	3.2980	.76152	1.2363	.58711	9.2680	6.5179	.40649	2.3540

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	4.7947	.21604	2.5731	.98755	3.3930	9.0245	69.589	
Stddev	.0176	.00022	.0245	.00358	.0103	.0389	.675	
%RSD	.36687	.10286	.95023	.36211	.30311	.43112	.97047	

#1	4.7771	.21579	2.5964	.98683	3.4010	9.0318	70.367	
#2	4.7946	.21620	2.5477	.98439	3.3814	8.9825	69.236	
#3	4.8122	.21613	2.5751	.99143	3.3965	9.0593	69.162	

Sample Name: S5 Acquired: 04/16/2021 12:54:40 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1472) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1434.6	35189.	7679.9	1023.0	1666.2
Stddev	3.7	87.	69.6	5.5	3.2
%RSD	.25743	.24800	.90578	.54209	.19205
#1	1438.6	35189.	7605.0	1017.0	1669.0
#2	1433.9	35103.	7742.4	1024.2	1666.9
#3	1431.3	35277.	7692.4	1027.9	1662.7

Sample Name: S6 Acquired: 04/16/2021 12:58:46 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1472) 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	74.347	44.917	17.102	8.5200	3.5103
Stddev	.315	.246	.189	.0921	.0281
%RSD	.42328	.54848	1.1074	1.0807	.80026

#1	74.094	44.645	16.892	8.4168	3.4780
#2	74.699	44.981	17.258	8.5938	3.5250
#3	74.246	45.125	17.157	8.5494	3.5281

Int. Std.	Y_3710
Units	Cts/S
Avg	7454.2
Stddev	29.8
%RSD	.40044

#1	7488.6
#2	7436.2
#3	7437.6

Sample Name: ICV Acquired: 04/16/2021 13:03:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1472) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.064889	1.073425	.9832493	1.033434	.9685597	2.446059
Stddev	.006364	.005708	.0044211	.007308	.0037246	.004453
%RSD	.5976068	.5317740	.4496363	.7071225	.3845494	.1820664

#1	1.058312	1.071187	.9815050	1.025237	.9704660	2.442553
#2	1.065340	1.069175	.9799665	1.035794	.9642678	2.451070
#3	1.071015	1.079913	.9882764	1.039269	.9709452	2.444554

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5255228	.5474700	.5108021	10.20485	.5660494	.5036278
Stddev	.0011358	.0018447	.0009868	.03473	.0011982	.0015451
%RSD	.2161213	.3369428	.1931851	.3403065	.2116701	.3067942

#1	.5265928	.5481595	.5110367	10.24410	.5673201	.5020862
#2	.5256446	.5488706	.5097192	10.19233	.5649401	.5036209
#3	.5243311	.5453799	.5116505	10.17811	.5658880	.5051764

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5383460	10.70982	.5348509	5.590560	.5159645	.2441649
Stddev	.0054038	.02581	.0011987	.036903	.0021893	.0011773
%RSD	1.003782	.2409628	.2241107	.6600864	.4243090	.4821806

#1	.5335272	10.69497	.5362273	5.560651	.5166902	.2437185
#2	.5441884	10.73962	.5340367	5.631799	.5135045	.2455002
#3	.5373224	10.69488	.5342887	5.579231	.5176987	.2432761

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.735524	.5386721	.9298407	9.391880	F .0023579	F .0160444
Stddev	.064409	.0028221	.0066266	.055934	.0020104	.0019113
%RSD	.6615881	.5239041	.7126628	.5955615	85.26199	11.91244

#1	9.774476	.5355272	.9225106	9.327682	.0044972	.0180541
#2	9.661179	.5395051	.9354071	9.417838	.0020689	.0158292
#3	9.770916	.5409839	.9316043	9.430118	.0005077	.0142498

Sample Name: ICV Acquired: 04/16/2021 13:03:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1472) 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 .0014569	F -.002429	F .0047799	F .0004909	F -.001539	F .0185189
Stddev	.0000894	.006354	.0010354	.0007694	.000539	.0003333
%RSD	6.132891	261.6344	21.66217	156.7361	34.99837	1.799650

#1	.0014364	-.009483	.0056302	.0003604	-.001828	.0188758
#2	.0015548	-.000648	.0036268	.0013173	-.000918	.0182157
#3	.0013796	.002845	.0050827	-.000205	-.001872	.0184652

Elem	Sr4077
Units	ppm
Avg	F -.009209
Stddev	.000047
%RSD	.5066738

#1	-.009195
#2	-.009261
#3	-.009172

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1773.712	39329.26	8042.801	1263.352	2221.092
Stddev	3.844	161.83	59.974	9.033	2.031
%RSD	.2167083	.4114646	.7456868	.7150121	.0914623

#1	1775.903	39173.43	8038.600	1265.628	2222.130
#2	1775.960	39317.88	7985.038	1253.399	2222.394
#3	1769.274	39496.48	8104.765	1271.029	2218.751

Sample Name: ICB Acquired: 04/16/2021 13:07:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1472) 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	-.004623	.0008603	-.000057	-.007293	-.001250	.0061823	-.005371
Stddev	.004010	.0016783	.000433	.006757	.001490	.0052185	.000168
%RSD	86.73638	195.0871	758.9455	92.65970	119.2101	84.41135	3.131750

#1	-.000690	.0004839	.000011	-.012461	.000056	.0076500	-.005207
#2	-.008706	-.000598	.000338	-.009770	-.002873	.0105097	-.005364
#3	-.004473	.002695	-.000520	.000354	-.000933	.0003870	-.005543

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000063	.0000133	.0016442	.0001858	-.000145	.0034294	.0134343
Stddev	.000039	.0000628	.0103007	.0004716	.000128	.0010671	.0065918
%RSD	61.67523	470.6465	626.4718	253.7825	88.19216	31.11679	49.06716

#1	-.000100	.0000057	.0105580	.0000192	.000003	.0025632	.0060311
#2	-.000022	.0000796	.0040074	.0007181	-.000214	.0031036	.0156041
#3	-.000066	-.000045	-.009633	-.000180	-.000223	.0046215	.0186678

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003950	.0083227	.0000263	.0000469	-.016770	.0000970	-.007121
Stddev	.0000573	.0188886	.0002472	.0003556	.041581	.0015225	.001635
%RSD	14.50628	226.9530	939.3677	758.8634	247.9459	1569.321	22.95615

#1	.0004091	.0281307	.0001468	-.000357	-.024131	-.001620	-.007290
#2	.0004440	.0063254	-.000258	.000184	-.054179	.001284	-.005408
#3	.0003320	-.009488	.000190	.000313	.028000	.000626	-.008664

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1927139	.0011387	.0092823	.0010768	-.004071	.0003810	.0000231
Stddev	.0473114	.0021543	.0005059	.0008375	.002406	.0014744	.0004112
%RSD	24.55007	189.1879	5.449801	77.77794	59.10442	386.9693	1783.350

#1	.1396661	.0005894	.0097773	.0019245	-.003250	-.001272	.0003002
#2	.2305434	-.000688	.0093033	.0002498	-.006780	.001562	-.000449
#3	.2079322	.003514	.0087662	.0010561	-.002183	.000853	.000218

Sample Name: ICB Acquired: 04/16/2021 13:07:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1472) 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	.0006582	.0082265	-.000149
Stddev	.0017737	.0005059	.000161
%RSD	269.4794	6.149881	107.9164

#1	-.000121	.0082276	-.000013
#2	.002688	.0087319	-.000107
#3	-.000593	.0077201	-.000326

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1778.701	39144.78	7911.737	1253.500	2253.100
Stddev	1.215	385.52	22.369	7.075	2.103
%RSD	.0683002	.9848656	.2827379	.5644336	.0933552

#1	1777.490	39320.46	7911.220	1256.438	2251.253
#2	1778.693	39411.17	7889.630	1258.633	2255.389
#3	1779.919	38702.71	7934.360	1245.429	2252.656

Sample Name: ICSA Acquired: 04/16/2021 13:11:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1472) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004820	-.013310	.0072893	.0073367	.0060123	246.0853	-.000407
Stddev	.006293	.002577	.0008933	.0139084	.0042059	.4857	.000869
%RSD	130.5552	19.35911	12.25434	189.5743	69.95479	.1973638	213.6622

#1	-.000369	-.013881	.0077639	-.001029	.0060407	245.9465	.000029
#2	-.002072	-.015553	.0078451	-.000353	.0102039	246.6253	-.001407
#3	-.012020	-.010495	.0062589	.023392	.0017923	245.6841	.000159

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008959	.0002136	248.9415	.0608863	-.002642	.0057793	101.8262
Stddev	.0002165	.0000964	.3973	.0001549	.000372	.0010045	.5621
%RSD	24.17051	45.14304	.1596069	.2543777	14.06673	17.38129	.5519752

#1	.0011440	.0001081	248.7045	.0610245	-.002837	.0052594	102.1225
#2	.0007450	.0002356	249.4002	.0607189	-.002877	.0069372	102.1782
#3	.0007987	.0002971	248.7199	.0609155	-.002214	.0051413	101.1780

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0128708	242.9346	-.003023	.0013784	.1980559	-.000380	.0053947
Stddev	.0005733	.9790	.000249	.0004294	.2485340	.001256	.0024476
%RSD	4.454216	.4029690	8.244179	31.15400	125.4868	330.8967	45.37142

#1	.0133669	243.6386	-.003309	.0013142	-.084297	-.001508	.0049086
#2	.0122432	243.3485	-.002851	.0018362	.383693	.000974	.0080489
#3	.0130023	241.8167	-.002908	.0009846	.294772	-.000605	.0032265

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021514	.0059653	.0051759	-.000135	.0034605	-.003224	.0052349
Stddev	.0101631	.0013331	.0001455	.001076	.0112809	.001412	.0012059
%RSD	472.3912	22.34771	2.811693	795.8646	325.9900	43.79213	23.03671

#1	.0128782	.0045172	.0053432	.000363	.0156240	-.002526	.0052671
#2	.0009100	.0071415	.0050786	.000601	.0014157	-.002298	.0040131
#3	-.007334	.0062371	.0051058	-.001370	-.006658	-.004849	.0064243

Sample Name: ICSA Acquired: 04/16/2021 13:11:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1472) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003123	.0093664	.0052181
Stddev	.000343	.0008452	.0004397
%RSD	10.98011	9.023338	8.426486

#1	-.003280	.0086335	.0050133
#2	-.003359	.0102909	.0049182
#3	-.002730	.0091747	.0057228

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1650.199	36864.82	7736.371	1180.391	1912.292
Stddev	3.911	223.70	34.352	4.038	4.319
%RSD	.2369897	.6068079	.4440351	.3420720	.2258353

#1	1648.187	36627.76	7708.056	1175.912	1909.415
#2	1654.706	37072.19	7726.471	1181.507	1917.258
#3	1647.704	36894.52	7774.586	1183.753	1910.202

Sample Name: ICSAB Acquired: 04/16/2021 13:15:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1472) 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	.1066207	.0902500	.0536018	.0536891	.5869607	246.8116	.5149651
Stddev	.0050594	.0006480	.0054038	.0130277	.0044686	.4338	.0013563
%RSD	4.745261	.7180400	10.08141	24.26506	.7613172	.1757798	.2633750

#1	.1026152	.0909946	.0569100	.0687206	.5851528	247.1581	.5149245
#2	.1123065	.0899419	.0565295	.0456631	.5920500	246.9516	.5136295
#3	.1049403	.0898134	.0473659	.0466835	.5836793	246.3250	.5163411

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5283351	.9902857	249.0540	.5918396	.4929271	.5121448	102.1815
Stddev	.0016297	.0020113	.3595	.0016872	.0005054	.0023786	.5078
%RSD	.3084661	.2031030	.1443340	.2850828	.1025407	.4644474	.4969881

#1	.5277643	.9903338	248.6415	.5910505	.4932448	.5104600	102.4428
#2	.5301735	.9882509	249.2204	.5906915	.4923442	.5111085	102.5054
#3	.5270676	.9922726	249.3002	.5937768	.4931923	.5148658	101.5962

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5148827	243.5383	.9914615	.2025901	.1881452	.5189286	.9609260
Stddev	.0027534	1.2100	.0014911	.0004443	.1094028	.0044383	.0014818
%RSD	.5347695	.4968393	.1503922	.2193285	58.14805	.8552852	.1542052

#1	.5117195	244.5076	.9909165	.2025026	.3129079	.5184975	.9609870
#2	.5161861	243.9250	.9903196	.2030717	.1085979	.5147216	.9594146
#3	.5167424	242.1822	.9931484	.2021961	.1429299	.5235667	.9623763

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.167822	-.002024	.0027054	.0006458	-.002909	-.002546	.0033956
Stddev	.036929	.001424	.0029406	.0009666	.010618	.001270	.0022644
%RSD	22.00466	70.36962	108.6945	149.6649	365.0585	49.86145	66.68563

#1	-.208536	-.000384	.0032674	-.000295	.008949	-.003990	.0016771
#2	-.136488	-.002955	-.000476	.001636	-.011539	-.001604	.0059614
#3	-.158442	-.002732	.005324	.000596	-.006136	-.002045	.0025482

Sample Name: ICSAB Acquired: 04/16/2021 13:15:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1472) 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	-.003907	.0060108	.0055245
Stddev	.001029	.0012448	.0004795
%RSD	26.35209	20.70953	8.678858

#1	-.004733	.0066231	.0054834
#2	-.002753	.0045784	.0050669
#3	-.004234	.0068309	.0060232

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1631.781	36640.40	7773.336	1167.341	1898.198
Stddev	.854	66.45	61.312	7.325	2.680
%RSD	.0523229	.1813596	.7887515	.6274960	.1411807

#1	1631.293	36563.67	7771.044	1163.484	1895.175
#2	1631.283	36678.22	7713.201	1162.749	1899.134
#3	1632.767	36679.31	7835.761	1175.788	1900.283

Sample Name: CCV052 Acquired: 04/16/2021 13:19:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1472) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV052 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.051231	4.975486	25.24589	5.035571	5.054989	413.7493	10.50769
Stddev	.024769	.020578	.05328	.012017	.025744	.4924	.03988
%RSD	.4903552	.4135801	.2110627	.2386432	.5092846	.1190206	.3795600

#1	5.079738	4.951840	25.30670	5.043294	5.078625	413.5759	10.46630
#2	5.034976	4.985289	25.22361	5.021726	5.027558	413.3670	10.54587
#3	5.038978	4.989329	25.20737	5.041694	5.058786	414.3050	10.51089

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5225925	2.521962	412.2063	15.68898	2.544299	15.76555	421.4974
Stddev	.0043781	.002370	1.1928	.01501	.004584	.03678	1.4055
%RSD	.8377732	.0939692	.2893576	.0956856	.1801730	.2332677	.3334575

#1	.5270277	2.524444	410.8420	15.67684	2.549481	15.72493	422.4023
#2	.5182737	2.521717	413.0515	15.70576	2.540772	15.77512	419.8782
#3	.5224761	2.519723	412.7255	15.68434	2.542645	15.79659	422.2117

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.32544	410.7673	2.517490	1.293766	410.7822	2.609806	15.59517
Stddev	.05100	1.9471	.003695	.007860	.4710	.009031	.03164
%RSD	.3327985	.4740121	.1467746	.6075263	.1146565	.3460367	.2028601

#1	15.27882	412.5117	2.521730	1.287165	410.4157	2.620233	15.63165
#2	15.37992	408.6667	2.515784	1.291671	410.6175	2.604668	15.57522
#3	15.31759	411.1236	2.514956	1.302461	411.3134	2.604516	15.57865

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	161.3678	5.147408	5.233097	5.005487	5.173251	5.197080	5.083598
Stddev	.1107	.019424	.034148	.025597	.007957	.029189	.005042
%RSD	.0685939	.3773519	.6525320	.5113707	.1538010	.5616485	.0991773

#1	161.4823	5.126026	5.255724	5.025584	5.170477	5.219588	5.089065
#2	161.3597	5.152232	5.193818	4.976670	5.167053	5.164099	5.079133
#3	161.2614	5.163965	5.249748	5.014207	5.182223	5.207552	5.082595

Sample Name: CCV052 Acquired: 04/16/2021 13:19:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1472) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV052 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.226315	5.343503	5.024932
Stddev	.006701	.015324	.007452
%RSD	.1282214	.2867712	.1483106

#1	5.220556	5.325932	5.030687
#2	5.224720	5.350477	5.016514
#3	5.233670	5.354099	5.027594

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1469.374	34373.22	7417.847	1047.645	1667.979
Stddev	6.886	89.79	41.993	7.525	2.098
%RSD	.4686311	.2612129	.5661067	.7182352	.1257824

#1	1464.093	34308.22	7370.322	1039.312	1665.732
#2	1477.162	34335.76	7449.940	1049.681	1669.886
#3	1466.868	34475.67	7433.280	1053.942	1668.319

Sample Name: CCB052 Acquired: 04/16/2021 13:23:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1472) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB052 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003662	.0004226	.0011674	-.005856	-.002082	.0075535
Stddev	.002630	.0031203	.0015717	.003576	.001240	.0035124
%RSD	71.81548	738.4041	134.6384	61.06511	59.56633	46.50064

#1	-.004165	.0036408	.0010922	-.003655	-.001979	.0052663
#2	-.000817	.0002165	.0027754	-.003930	-.003370	.0057964
#3	-.006003	-.002590	-.000365	-.009982	-.000896	.0115977

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005786	-.000151	.0000822	-.010218	.0004594	-.000361
Stddev	.000266	.000091	.0001434	.004965	.0003738	.000203
%RSD	4.605998	60.12833	174.5172	48.58560	81.35571	56.30270

#1	-.005559	-.000254	.0001620	-.013939	.0007861	-.000496
#2	-.005719	-.000086	-.000083	-.012135	.0005403	-.000127
#3	-.006079	-.000112	.000168	-.004581	.0000518	-.000460

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037234	.0120322	-.000233	-.003600	-.000646	.0003146
Stddev	.0013964	.0019861	.000250	.012920	.000383	.0002756
%RSD	37.50238	16.50657	107.1907	358.9117	59.25474	87.60469

#1	.0044368	.0108478	-.000506	.009922	-.000204	.0000897
#2	.0046189	.0109237	-.000178	-.004902	-.000861	.0006221
#3	.0021144	.0143251	-.000015	-.015819	-.000874	.0002321

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0397277	-.000603	-.006846	.1534673	-.000773	F .0159044
Stddev	.2722617	.003888	.001083	.0492235	.004562	.0006933
%RSD	685.3191	644.9020	15.82158	32.07429	589.9047	4.359166

#1	.3541082	-.002061	-.007077	.1320631	-.002693	.0156310
#2	-.117091	-.003552	-.005666	.2097692	-.004062	.0166927
#3	-.117834	.003804	-.007795	.1185694	.004434	.0153895

Sample Name: CCB052 Acquired: 04/16/2021 13:23:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1472) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB052 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016978	-.006280	.0010921	.0008559	.0003283	.0088076
Stddev	.0002382	.003395	.0011948	.0008897	.0009659	.0015810
%RSD	14.03085	54.06324	109.4040	103.9415	294.1722	17.95027

#1	.0018602	-.009741	-.000280	.0018827	.0000340	.0088931
#2	.0018088	-.002955	.001656	.0003148	.0014071	.0071855
#3	.0014243	-.006143	.001901	.0003703	-.000456	.0103440

Elem	Sr4077
Units	ppm
Avg	-.000099
Stddev	.000071
%RSD	72.25532

#1	-.000153
#2	-.000018
#3	-.000125

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1729.141	38268.44	7748.357	1228.968	2198.066
Stddev	.386	549.75	57.753	23.644	1.097
%RSD	.0223291	1.436572	.7453625	1.923866	.0499183

#1	1729.433	38547.61	7681.840	1238.200	2197.594
#2	1728.703	37635.12	7785.750	1202.102	2197.284
#3	1729.286	38622.60	7777.480	1246.604	2199.320

Sample Name: M1939-08 Acquired: 04/16/2021 13:28:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGB371 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1869050	-.022959	6.538078	-.002148	.0159461	19.75791
Stddev	.0148065	.009651	.011152	.005235	.0013749	.04149
%RSD	7.921961	42.03571	.1705626	243.7555	8.622012	.2099903

#1	.1733311	-.031448	6.550708	-.006889	.0147980	19.79100
#2	.1846892	-.012462	6.533936	.003471	.0155706	19.71136
#3	.2026945	-.024966	6.529590	-.003025	.0174697	19.77136

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.05968	.0043221	.0671811	F 1274.224	.1271212	.0741500
Stddev	.17769	.0001375	.0001243	7.241	.0005555	.0007645
%RSD	.9322758	3.180310	.1850790	.5683024	.4369883	1.031073

#1	19.08063	.0042828	.0671747	1281.507	.1271551	.0750004
#2	18.87244	.0042086	.0670600	1267.025	.1276591	.0739303
#3	19.22596	.0044749	.0673085	1274.141	.1265496	.0735194

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3206915	176.2264	6.211562	714.7555	.1338769	.0024480
Stddev	.0014487	.5669	.020439	3.3041	.0011823	.0002657
%RSD	.4517486	.3216959	.3290464	.4622760	.8831387	10.85415

#1	.3214871	176.4788	6.224980	716.0548	.1326332	.0021673
#2	.3215681	176.6233	6.188039	717.2126	.1340109	.0024812
#3	.3190193	175.5771	6.221667	710.9993	.1349865	.0026956

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.323087	.2237625	21.86236	2.536183	3.468862	.0486814
Stddev	.316424	.0027869	.18663	.027884	.012669	.0047455
%RSD	13.62083	1.245462	.8536790	1.099460	.3652188	9.747995

#1	2.191770	.2251735	21.84034	2.563585	3.472534	.0473685
#2	2.093465	.2255616	22.05903	2.507840	3.454763	.0539451
#3	2.684027	.2205523	21.68772	2.537122	3.479289	.0447306

Sample Name: M1939-08 Acquired: 04/16/2021 13:28:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGB371 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112440	62.55361	3.922255	.0460019	.4545202	.0469401
Stddev	.0011702	.14999	.018127	.0052583	.0028453	.0001092
%RSD	10.40752	.2397712	.4621534	11.43062	.6259982	.2326220

#1	.0103321	62.66874	3.928107	.0465437	.4572044	.0470553
#2	.0108364	62.38400	3.901926	.0404937	.4515374	.0469267
#3	.0125635	62.60809	3.936734	.0509684	.4548188	.0468381

Elem	Sr4077
Units	ppm
Avg	.5624632
Stddev	.0018881
%RSD	.3356746

#1	.5638920
#2	.5603227
#3	.5631747

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1509.603	35189.67	7612.573	1085.780	1643.839
Stddev	1.990	34.73	34.918	3.475	3.422
%RSD	.1318044	.0986844	.4586837	.3200363	.2081717

#1	1509.324	35194.72	7587.670	1083.629	1640.539
#2	1511.718	35152.70	7652.486	1083.921	1647.371
#3	1507.768	35221.60	7597.564	1089.788	1643.607

Sample Name: M1939-10 Acquired: 04/16/2021 13:37:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGB371S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2640332	.0812120	5.827420	.0980518	.1199543	26.34062
Stddev	.0112861	.0030568	.017308	.0012208	.0008166	.06645
%RSD	4.274484	3.764024	.2970079	1.245063	.6807751	.2522773

#1	.2537829	.0831321	5.807437	.0975378	.1190133	26.37472
#2	.2621887	.0828170	5.837141	.0971721	.1203734	26.38310
#3	.2761278	.0776870	5.837682	.0994456	.1204764	26.26405

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 24.68120	.1133206	.1758912	F 1314.839	.5595201	1.186306
Stddev	.14065	.0006829	.0011217	7.052	.0000818	.002848
%RSD	.5698493	.6026647	.6377529	.5363169	.0146124	.2400988

#1	24.56524	.1140291	.1747689	1309.910	.5596145	1.183150
#2	24.83765	.1132661	.1758921	1311.690	.5594744	1.187080
#3	24.64071	.1126665	.1770124	1322.916	.5594714	1.188686

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9490237	179.3553	7.667057	736.8331	1.216124	.1131325
Stddev	.0026248	1.6865	.008975	6.3051	.002460	.0004814
%RSD	.2765777	.9403164	.1170536	.8557003	.2022515	.4255236

#1	.9496596	180.2445	7.656838	740.7119	1.213308	.1132800
#2	.9461394	180.4110	7.670677	740.2295	1.217211	.1125946
#3	.9512721	177.4102	7.673656	729.5580	1.217853	.1135229

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.254880	1.329632	22.19648	2.682761	3.629230	.0429862
Stddev	.177418	.005306	.26038	.029029	.025256	.0046812
%RSD	7.868185	.3990540	1.173086	1.082040	.6959131	10.89001

#1	2.274591	1.335648	21.97040	2.706335	3.613859	.0419362
#2	2.421619	1.325620	22.48118	2.691609	3.615453	.0481033
#3	2.068429	1.327627	22.13785	2.650338	3.658379	.0389192

Sample Name: M1939-10 Acquired: 04/16/2021 13:37:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGB371S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0132476	57.37186	5.219521	.0538108	.4947635	.0502633
Stddev	.0007037	.10137	.057088	.0017193	.0077838	.0010272
%RSD	5.312225	.1766838	1.093736	3.195177	1.573242	2.043579

#1	.0127356	57.31546	5.282546	.0528973	.4897908	.0503387
#2	.0129571	57.31123	5.204738	.0557941	.4907659	.0512506
#3	.0140501	57.48888	5.171279	.0527411	.5037338	.0492005

Elem	Sr4077
Units	ppm
Avg	.5865596
Stddev	.0008720
%RSD	.1486672

#1	.5867961
#2	.5855937
#3	.5872890

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1500.929	34918.60	7559.779	1082.376	1637.622
Stddev	1.147	36.39	45.629	6.682	2.470
%RSD	.0764189	.1042226	.6035800	.6173644	.1508134

#1	1502.196	34928.76	7521.336	1088.071	1640.411
#2	1499.960	34878.21	7547.798	1075.020	1636.745
#3	1500.633	34948.83	7610.204	1084.039	1635.711

Sample Name: M1939-08LX5 Acquired: 04/16/2021 13:41:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGB371L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0375281	-.005306	1.375425	.0010547	.0022218	3.741574	3.796657
Stddev	.0028061	.001603	.003684	.0047470	.0024525	.019083	.003496
%RSD	7.477374	30.21880	.2678131	450.0895	110.3820	.5100319	.0920927

#1	.0350937	-.003594	1.377279	.0061145	-.000173	3.757595	3.800280
#2	.0405972	-.005553	1.377812	-.003301	.002110	3.746666	3.796389
#3	.0368934	-.006772	1.371182	.000351	.004728	3.720462	3.793302

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008478	.0122101	254.3999	.0268395	.0112043	.0644281	35.95119
Stddev	.0000864	.0000186	.2398	.0004152	.0003376	.0022440	.15121
%RSD	10.19593	.1522282	.0942555	1.547050	3.012872	3.482984	.4205979

#1	.0009188	.0121913	254.4383	.0271210	.0108188	.0668677	35.94040
#2	.0008731	.0122106	254.1432	.0270348	.0114469	.0639644	36.10750
#3	.0007515	.0122285	254.6181	.0263626	.0113471	.0624521	35.80566

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.252080	135.0882	.0248760	.0009883	.1838282	.0431346	4.117092
Stddev	.001957	.4506	.0005259	.0002558	.2823443	.0012453	.031674
%RSD	.1562909	.3335644	2.114143	25.88406	153.5914	2.887033	.7693303

#1	1.251569	135.1547	.0248859	.0006944	.2136471	.0421222	4.084820
#2	1.250429	135.5019	.0253968	.0011607	-.112242	.0445252	4.148132
#3	1.254242	134.6081	.0243451	.0011097	.450080	.0427565	4.118323

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5500215	.6075849	.0130336	.0024635	10.74358	.7653738	.0039661
Stddev	.0382144	.0058562	.0016684	.0003845	.02161	.0034851	.0021528
%RSD	6.947808	.9638545	12.80043	15.60731	.2011326	.4553424	54.28044

#1	.5940745	.6018701	.0120431	.0027091	10.71899	.7665723	.0045278
#2	.5257933	.6135730	.0149598	.0026611	10.75218	.7681014	.0015881
#3	.5301968	.6073116	.0120980	.0020204	10.75956	.7614476	.0057824

Sample Name: M1939-08LX5 Acquired: 04/16/2021 13:41:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGB371L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0922502	.0091105	.1088935
Stddev	.0013124	.0013274	.0002218
%RSD	1.422609	14.56982	.2036804

#1	.0910489	.0078942	.1088912
#2	.0920508	.0089109	.1091164
#3	.0936508	.0105263	.1086728

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1631.921	36905.67	7661.342	1166.108	1945.605
Stddev	1.082	8.33	8.308	7.227	2.680
%RSD	.0663137	.0225727	.1084412	.6197895	.1377656

#1	1631.921	36913.72	7656.925	1173.491	1943.517
#2	1633.004	36897.09	7656.176	1159.046	1948.628
#3	1630.839	36906.19	7670.926	1165.787	1944.671

Sample Name: PB135633BL Acquired: 04/16/2021 13:45:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS633 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003049	.0005066	.0008678	-.005028	-.002773	.0053708	.0034905
Stddev	.003803	.0035336	.0019052	.002064	.001014	.0115881	.0005818
%RSD	124.7459	697.5177	219.5357	41.04545	36.56863	215.7629	16.66800

#1	-.003259	-.001159	-.000118	-.002645	-.003476	.0162794	.0039457
#2	.000855	-.001886	-.000342	-.006206	-.001611	.0066273	.0028351
#3	-.006742	.004565	.003064	-.006234	-.003233	-.006794	.0036908

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000067	.0000097	.0034490	-.000190	-.000425	.0022916	.0084058
Stddev	.000104	.0001370	.0068141	.000657	.000139	.0011675	.0074347
%RSD	156.4519	1419.981	197.5649	346.0550	32.66640	50.94719	88.44794

#1	.000018	.0000792	-.002818	.000548	-.000278	.0033276	.0145500
#2	-.000035	-.000148	.002463	-.000404	-.000443	.0010265	.0001412
#3	-.000183	.000098	.010703	-.000713	-.000555	.0025208	.0105262

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004953	-.020300	.0000793	-.000079	-.086269	.0004141	.0016209
Stddev	.0004595	.016365	.0001555	.000310	.250237	.0013743	.0021719
%RSD	92.76115	80.62004	196.0616	395.0151	290.0654	331.9000	133.9956

#1	-.000032	-.038606	-.000076	-.000252	.202626	.0015742	.0021263
#2	.000807	-.007086	.000079	.000280	-.225907	.0007717	.0034956
#3	.000712	-.015207	.000235	-.000264	-.235527	-.001104	-.000759

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0800404	-.000340	.0015179	.0007223	-.002019	.0008301	-.000701
Stddev	.0641855	.000669	.0006203	.0001853	.006776	.0006332	.001600
%RSD	80.19134	196.5111	40.86538	25.65773	335.5287	76.27850	228.4083

#1	.0086652	.000390	.0010209	.0005098	.003343	.0010543	-.001369
#2	.1330184	-.000923	.0022131	.0008502	.000234	.0013208	-.001859
#3	.0984376	-.000488	.0013199	.0008069	-.009635	.0001153	.001125

Sample Name: PB135633BL Acquired: 04/16/2021 13:45:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS633 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001538	-.000505	.0000536
Stddev	.0003561	.000890	.0000913
%RSD	231.6104	176.2955	170.3634

#1	-.000162	.000393	.0000113
#2	.000084	-.000521	.0001584
#3	.000539	-.001386	-.000009

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1734.350	38558.34	7743.450	1230.968	2202.450
Stddev	3.244	135.52	33.059	4.167	1.042
%RSD	.1870159	.3514664	.4269311	.3384839	.0473120

#1	1736.309	38695.88	7781.540	1227.098	2202.890
#2	1736.135	38554.18	7726.590	1235.379	2203.200
#3	1730.606	38424.94	7722.220	1230.428	2201.260

Sample Name: M1939-01 Acquired: 04/16/2021 13:58:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGB364 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0995558	-.008835	3.000252	.0029043	.0050868	79.39832
Stddev	.0065486	.003981	.003322	.0083947	.0011780	.19772
%RSD	6.577837	45.06368	.1107311	289.0457	23.15832	.2490243

#1	.0926544	-.013102	3.000544	.0123668	.0059978	79.33614
#2	.1056828	-.005221	3.003418	-.000006	.0037565	79.23916
#3	.1003300	-.008181	2.996793	-.003648	.0055061	79.61965

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.205059	.0077684	.0309680	143.8914	.2405636	.1406334
Stddev	.020642	.0001695	.0001987	.2041	.0008803	.0004127
%RSD	.2515777	2.181242	.6417420	.1418714	.3659271	.2934400

#1	8.196690	.0078157	.0308943	143.8182	.2407782	.1403508
#2	8.228571	.0075803	.0311930	144.1220	.2395959	.1404426
#3	8.189915	.0079091	.0308166	143.7339	.2413168	.1411070

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4950619	188.4686	13.31309	38.16109	.1556143	.0033267
Stddev	.0020725	1.5097	.01878	.36242	.0002356	.0004497
%RSD	.4186453	.8010301	.1410997	.9497123	.1513914	13.51854

#1	.4926730	187.9950	13.32663	38.16986	.1555392	.0029294
#2	.4963800	187.2524	13.32100	37.79437	.1558783	.0032358
#3	.4961328	190.1583	13.29165	38.51905	.1554255	.0038150

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9407119	.2914172	3.569147	9.339746	F 23.56058	.0591873
Stddev	.2895360	.0031619	.026308	.034148	.15457	.0012840
%RSD	30.77840	1.085007	.7370828	.3656252	.6560645	2.169392

#1	1.166295	.2913308	3.595906	9.306010	23.62905	.0600335
#2	1.041615	.2882994	3.543315	9.338935	23.66909	.0577098
#3	.614226	.2946214	3.568221	9.374293	23.38360	.0598185

Sample Name: M1939-01 Acquired: 04/16/2021 13:58:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGB364 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096350	6.940383	33.80874	.0232210	1.060332	.0537014
Stddev	.0006031	.049553	.24530	.0020027	.006939	.0006469
%RSD	6.259212	.7139821	.7255565	8.624697	.6544007	1.204644

#1	.0103259	6.972669	33.64675	.0249236	1.063185	.0543901
#2	.0092140	6.965150	33.68851	.0237248	1.052422	.0531066
#3	.0093651	6.883329	34.09097	.0210144	1.065390	.0536076

Elem	Sr4077
Units	ppm
Avg	.1821267
Stddev	.0010643
%RSD	.5843452

#1	.1822157
#2	.1831436
#3	.1810207

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1845.641	41678.65	8643.125	1319.835	2050.985
Stddev	1.394	147.53	34.878	10.843	2.306
%RSD	.0755035	.3539740	.4035292	.8215216	.1124127

#1	1844.039	41509.60	8654.894	1309.563	2048.407
#2	1846.568	41744.91	8670.595	1318.773	2051.698
#3	1846.318	41781.43	8603.885	1331.170	2052.850

Sample Name: M1939-02 Acquired: 04/16/2021 14:02:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGB365 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1596464	-.014101	20.08358	.0003407	.0161474	39.77918	19.37884
Stddev	.0049046	.002420	.03058	.0083871	.0017645	.29197	.21702
%RSD	3.072175	17.16074	.1522521	2461.583	10.92734	.7339674	1.119862

#1	.1651991	-.016610	20.06406	.0098856	.0181640	39.97538	19.13837
#2	.1559055	-.011781	20.06786	-.003012	.0148872	39.91851	19.56011
#3	.1578344	-.013913	20.11882	-.005851	.0153911	39.44365	19.43806

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114129	.1855025	492.8497	.3920381	.2815899	.5784952	411.2112
Stddev	.0000923	.0003470	2.6865	.0016273	.0007150	.0039800	3.2354
%RSD	.8084996	.1870375	.5450863	.4150780	.2539003	.6879884	.7867980

#1	.0114684	.1856861	495.3206	.3915789	.2818507	.5781802	413.0739
#2	.0113064	.1851024	493.2384	.3938457	.2807811	.5826233	413.0844
#3	.0114639	.1857192	489.9900	.3906898	.2821378	.5746821	407.4753

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.35240	240.4682	.3001264	.0190153	2.231918	.4469675	13.28032
Stddev	.10778	1.9893	.0005673	.0008444	.264906	.0038465	.07984
%RSD	.4615194	.8272684	.1890236	4.440614	11.86896	.8605718	.6012236

#1	23.40436	241.0910	.2998250	.0197652	2.367862	.4497602	13.25608
#2	23.42435	242.0716	.3007808	.0191799	2.401253	.4485621	13.36947
#3	23.22849	238.2420	.2997735	.0181007	1.926640	.4425802	13.21540

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.161428	8.162667	.0227974	.0148802	17.80611	19.94160	.0438450
Stddev	.034553	.088074	.0106576	.0007092	.11174	.18114	.0018707
%RSD	1.092953	1.078987	46.74922	4.766092	.6275541	.9083638	4.266505

#1	3.158494	8.212494	.0131917	.0154905	17.82490	20.15005	.0460043
#2	3.197354	8.060974	.0342623	.0141022	17.68616	19.82237	.0427188
#3	3.128435	8.214532	.0209383	.0150479	17.90727	19.85239	.0428117

Sample Name: M1939-02 Acquired: 04/16/2021 14:02:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGB365 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8707888	.0333899	-.099323
Stddev	.0093538	.0012290	.002025
%RSD	1.074173	3.680827	2.038810

#1	.8725844	.0335055	-.100732
#2	.8791147	.0321072	-.100235
#3	.8606675	.0345570	-.097002

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1696.294	38807.38	8180.685	1219.380	1838.135
Stddev	4.444	171.97	52.686	3.167	3.522
%RSD	.2619665	.4431494	.6440306	.2597433	.1915976

#1	1701.383	38786.70	8123.952	1217.386	1840.870
#2	1694.315	38646.67	8190.030	1217.723	1839.376
#3	1693.183	38988.75	8228.074	1223.033	1834.161

Sample Name: M1939-03 Acquired: 04/16/2021 14:06:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGB366 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0560754	-.017729	9.732364	.0050103	.0101131	27.46995
Stddev	.0134858	.001681	.021614	.0112004	.0008611	.10284
%RSD	24.04935	9.484122	.2220831	223.5470	8.514186	.3743595

#1	.0406184	-.017733	9.707464	.0167128	.0094647	27.40360
#2	.0621678	-.016045	9.746280	.0039275	.0097845	27.41784
#3	.0654400	-.019408	9.743347	-.005609	.0110901	27.58841

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.63711	.0053143	.1059851	F 1102.082	.0955801	.0969478
Stddev	.03084	.0001249	.0002545	5.242	.0004168	.0004049
%RSD	.1853461	2.350002	.2401685	.4756402	.4360583	.4176003

#1	16.63229	.0051790	.1057700	1097.164	.0960410	.0973586
#2	16.67007	.0053390	.1059190	1107.597	.0954696	.0965492
#3	16.60897	.0054250	.1062661	1101.484	.0952297	.0969357

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2449600	148.9850	11.24584	593.6693	.1018675	.0067204
Stddev	.0042100	1.0060	.01891	3.6877	.0006451	.0006129
%RSD	1.718657	.6752624	.1681746	.6211705	.6333123	9.119513

#1	.2409526	148.0148	11.23383	590.1773	.1022694	.0069388
#2	.2493470	148.9168	11.23605	593.3049	.1022098	.0071942
#3	.2445804	150.0234	11.26764	597.5257	.1011234	.0060283

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.805098	.1774903	9.100627	3.377431	4.489995	.0422453
Stddev	.116905	.0030255	.040409	.027783	.030350	.0046369
%RSD	3.072329	1.704597	.4440214	.8225971	.6759468	10.97621

#1	3.691509	.1743886	9.134854	3.363122	4.504656	.0386041
#2	3.925059	.1776489	9.110976	3.409452	4.455098	.0406663
#3	3.798726	.1804333	9.056050	3.359721	4.510231	.0474655

Sample Name: M1939-03 Acquired: 04/16/2021 14:06:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGB366 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106659	20.15019	16.59913	.0403527	.6783439	.0493088
Stddev	.0011899	.10820	.04642	.0022908	.0007493	.0011745
%RSD	11.15650	.5369713	.2796415	5.676970	.1104650	2.381845

#1	.0119413	20.16669	16.54555	.0408226	.6781462	.0486940
#2	.0104710	20.03469	16.62684	.0378633	.6791723	.0506631
#3	.0095855	20.24919	16.62501	.0423721	.6777132	.0485695

Elem	Sr4077
Units	ppm
Avg	.4822061
Stddev	.0012963
%RSD	.2688330

#1	.4808714
#2	.4822867
#3	.4834603

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1599.065	36847.02	7910.387	1151.700	1680.655
Stddev	5.148	213.45	25.633	9.759	4.241
%RSD	.3219297	.5792928	.3240448	.8473407	.2523143

#1	1601.729	36736.90	7935.418	1144.132	1683.344
#2	1602.335	36711.12	7911.552	1148.254	1682.854
#3	1593.131	37093.04	7884.192	1162.715	1675.767

Sample Name: M1939-04 Acquired: 04/16/2021 14:10:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGB367 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0729864	-.018237	19.33815	-.004297	.0172561	13.31937
Stddev	.0089231	.004875	.04245	.007147	.0010299	.03791
%RSD	12.22563	26.73238	.2195354	166.3495	5.968171	.2845915

#1	.0627422	-.018877	19.28920	-.001163	.0178551	13.36264
#2	.0790635	-.013073	19.36492	-.012475	.0160670	13.30346
#3	.0771537	-.022760	19.36034	.000749	.0178464	13.29201

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.05087	.0060111	.1193053	F 950.3014	.1622078	.1329275
Stddev	.16019	.0000595	.0003795	3.7922	.0004856	.0003570
%RSD	.9980123	.9906199	.3180783	.3990539	.2993821	.2685860

#1	15.86603	.0059424	.1195415	945.9228	.1616709	.1326342
#2	16.14931	.0060493	.1195068	952.5279	.1626163	.1333251
#3	16.13727	.0060414	.1188676	952.4537	.1623361	.1328232

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8094110	260.9401	12.83036	499.3005	.1888992	.0100025
Stddev	.0003645	.4282	.02383	1.1624	.0019775	.0003055
%RSD	.0450380	.1640913	.1857304	.2328144	1.046863	3.054656

#1	.8090459	260.4888	12.83541	498.3237	.1895162	.0097997
#2	.8097750	260.9908	12.85126	498.9917	.1866867	.0103540
#3	.8094121	261.3406	12.80441	500.5862	.1904946	.0098540

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.919852	.1665943	11.50165	2.060758	4.230590	.0520991
Stddev	.353905	.0050562	.06810	.026496	.012381	.0029098
%RSD	9.028520	3.035041	.5921274	1.285734	.2926473	5.585025

#1	3.967583	.1697322	11.46510	2.088326	4.226783	.0532653
#2	3.544504	.1607615	11.45961	2.035483	4.220560	.0487871
#3	4.247468	.1692893	11.58022	2.058464	4.244427	.0542448

Sample Name: M1939-04 Acquired: 04/16/2021 14:10:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGB367 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0136260	24.39633	9.938295	.0570150	.3854715	.0300090
Stddev	.0011503	.05987	.041576	.0016307	.0003663	.0013633
%RSD	8.441986	.2453961	.4183397	2.860153	.0950276	4.542830

#1	.0133606	24.33766	9.902807	.0568942	.3858358	.0295808
#2	.0126315	24.39399	9.984039	.0554480	.3854755	.0289112
#3	.0148857	24.45733	9.928039	.0587027	.3851032	.0315349

Elem	Sr4077
Units	ppm
Avg	.2702514
Stddev	.0011745
%RSD	.4345861

#1	.2697976
#2	.2715850
#3	.2693715

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1604.028	36892.05	7938.453	1149.498	1722.665
Stddev	5.823	86.03	39.948	2.475	4.040
%RSD	.3630049	.2331806	.5032165	.2153019	.2345043

#1	1609.646	36959.26	7954.293	1151.457	1727.282
#2	1604.416	36795.10	7893.015	1146.717	1720.930
#3	1598.021	36921.78	7968.052	1150.319	1719.781

Sample Name: M1939-05 Acquired: 04/16/2021 14:14:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGB368 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0608801	-.016240	9.403129	-.000759	.0106812	37.76721
Stddev	.0031053	.011217	.031693	.003365	.0010395	.09216
%RSD	5.100751	69.07342	.3370473	443.2850	9.732233	.2440201

#1	.0600298	-.014620	9.404193	-.004482	.0095612	37.83563
#2	.0582885	-.028179	9.370917	.002065	.0116151	37.66242
#3	.0643220	-.005921	9.434277	.000140	.0108673	37.80360

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.91610	.0070727	.1350911	F 876.9845	.1265699	.1485772
Stddev	.23202	.0001393	.0003848	10.9559	.0011094	.0009317
%RSD	1.555509	1.969139	.2848162	1.249268	.8765014	.6270517

#1	15.18301	.0069137	.1352050	889.2466	.1276123	.1482627
#2	14.76258	.0071315	.1346623	873.5480	.1266936	.1478435
#3	14.80271	.0071730	.1354061	868.1588	.1254039	.1496254

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4231219	196.9805	13.04330	466.4579	.1503355	.0073889
Stddev	.0017563	1.4221	.01751	3.2475	.0007645	.0002637
%RSD	.4150752	.7219671	.1342266	.6961981	.5085163	3.568312

#1	.4251023	198.3965	13.04153	469.9550	.1499559	.0075231
#2	.4225100	195.5523	13.02674	463.5372	.1498351	.0075584
#3	.4217535	196.9927	13.06162	465.8816	.1512155	.0070851

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.171575	.2329447	11.94210	2.630555	5.167609	.0514061
Stddev	.375279	.0030792	.04346	.059521	.019592	.0009489
%RSD	11.83257	1.321865	.3639188	2.262672	.3791251	1.845792

#1	3.599118	.2298221	11.94913	2.609057	5.147162	.0503109
#2	2.896653	.2330332	11.89555	2.584771	5.186215	.0519268
#3	3.018954	.2359786	11.98161	2.697839	5.169449	.0519807

Sample Name: M1939-05 Acquired: 04/16/2021 14:14:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGB368 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0185680	22.88201	22.05219	.0340769	.7262365	.0452095
Stddev	.0006163	.04232	.08555	.0019837	.0030848	.0010048
%RSD	3.319324	.1849682	.3879249	5.821243	.4247705	2.222490

#1	.0181918	22.88515	22.13328	.0350244	.7261538	.0441319
#2	.0192793	22.92268	21.96279	.0317971	.7231939	.0453760
#3	.0182330	22.83820	22.06050	.0354092	.7293619	.0461207

Elem	Sr4077
Units	ppm
Avg	.4068682
Stddev	.0009360
%RSD	.2300441

#1	.4066596
#2	.4060541
#3	.4078909

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1660.369	38141.66	8184.296	1193.891	1715.706
Stddev	3.083	161.29	58.536	3.079	1.847
%RSD	.1856724	.4228650	.7152178	.2578678	.1076594

#1	1662.662	37956.12	8118.713	1190.735	1716.436
#2	1661.581	38220.50	8231.247	1194.052	1717.076
#3	1656.864	38248.36	8202.929	1196.886	1713.605

Sample Name: M1939-06 Acquired: 04/16/2021 14:18:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGB369 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1606021	-.006695	2.134452	.0102574	.0184669	100.3003	5.221069
Stddev	.0052613	.003432	.007441	.0092407	.0026722	.2358	.015662
%RSD	3.275962	51.25508	.3486146	90.08764	14.47012	.2351311	.2999717

#1	.1562477	-.008156	2.125930	.0207373	.0214055	100.2091	5.205080
#2	.1591105	-.002775	2.137765	.0032798	.0161828	100.5681	5.236382
#3	.1664481	-.009155	2.139662	.0067551	.0178124	100.1237	5.221745

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084260	.0087204	73.56573	.3490811	.0786723	4.303179	314.8440
Stddev	.0001450	.0002603	.12916	.0008238	.0005775	.008367	1.0031
%RSD	1.721229	2.984794	.1755718	.2359831	.7340626	.1944419	.3186099

#1	.0082669	.0084296	73.41854	.3497273	.0781220	4.307985	314.6829
#2	.0084603	.0089316	73.61846	.3493626	.0786213	4.308035	315.9179
#3	.0085508	.0087999	73.66017	.3481535	.0792737	4.293517	313.9312

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.400234	11.06101	.0796510	.0084029	1.654605	.6135437	1.436023
Stddev	.003080	.11855	.0006095	.0004058	.101394	.0032432	.013505
%RSD	.0570307	1.071741	.7652013	4.829605	6.128007	.5286050	.9404256

#1	5.403690	11.18616	.0795926	.0088604	1.690573	.6153749	1.421706
#2	5.397781	11.04645	.0802876	.0082620	1.733111	.6154571	1.448533
#3	5.399232	10.95041	.0790728	.0080862	1.540129	.6097990	1.437829

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.713357	8.189052	.0664573	.0118790	6.196774	36.50899	.0314383
Stddev	.008670	.022712	.0077798	.0006508	.015731	.18477	.0002270
%RSD	.0892539	.2773501	11.70641	5.478781	.2538585	.5061039	.7221631

#1	9.723167	8.176787	.0658114	.0124955	6.214168	36.68218	.0315542
#2	9.710182	8.175108	.0745399	.0111986	6.183543	36.31448	.0315840
#3	9.706723	8.215260	.0590207	.0119430	6.192612	36.53030	.0311767

Sample Name: M1939-06 Acquired: 04/16/2021 14:18:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGB369 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.422824	.0474029	.0092343
Stddev	.004188	.0010058	.0004089
%RSD	.2943492	2.121885	4.427874

#1	1.420175	.0462607	.0090077
#2	1.427653	.0477919	.0089888
#3	1.420645	.0481562	.0097063

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1837.714	41411.85	8494.412	1325.038	2053.545
Stddev	4.298	117.42	42.862	6.217	4.117
%RSD	.2338836	.2835426	.5045861	.4691987	.2005063

#1	1833.912	41304.28	8445.116	1329.167	2051.237
#2	1842.378	41394.16	8515.250	1317.888	2058.299
#3	1836.852	41537.11	8522.871	1328.060	2051.100

Sample Name: M1939-07 Acquired: 04/16/2021 14:22:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGB370 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0591331	-.014527	10.69605	.0123696	.0058160	41.07463	18.19937
Stddev	.0068058	.002040	.00811	.0062042	.0026092	.09076	.34935
%RSD	11.50922	14.03948	.0758395	50.15643	44.86219	.2209539	1.919596

#1	.0573231	-.013437	10.70515	.0086224	.0035408	40.96994	17.85070
#2	.0666609	-.013263	10.69339	.0089555	.0052432	41.13119	18.54940
#3	.0534153	-.016880	10.68960	.0195310	.0086640	41.12275	18.19801

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069476	.1182517	530.6669	.1277473	.1576574	.4809009	171.0701
Stddev	.0001373	.0005907	1.3129	.0009780	.0003607	.0075999	1.0621
%RSD	1.976176	.4995141	.2473967	.7655985	.2287691	1.580343	.6208315

#1	.0068095	.1186020	529.1519	.1283248	.1575067	.4722721	169.8774
#2	.0070841	.1185835	531.4705	.1282991	.1573966	.4865995	171.9134
#3	.0069493	.1175697	531.3783	.1266181	.1580690	.4838311	171.4195

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.38265	272.2137	.1379053	.0093950	2.428823	.2685779	7.326572
Stddev	.02069	1.3180	.0015738	.0003361	.413889	.0011231	.006551
%RSD	.1671156	.4841797	1.141181	3.577435	17.04074	.4181629	.0894079

#1	12.36680	270.6987	.1372442	.0092047	2.770213	.2680364	7.319028
#2	12.37510	273.0967	.1397018	.0097830	1.968483	.2678282	7.329867
#3	12.40606	272.8456	.1367699	.0091971	2.547773	.2698692	7.330821

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.550447	4.435271	.0353404	.0078024	15.86510	22.52878	.0214614
Stddev	.053844	.018381	.0020777	.0005586	.03641	.18803	.0017509
%RSD	2.111160	.4144384	5.879069	7.158841	.2294787	.8345999	8.158287

#1	2.494121	4.449647	.0339138	.0084463	15.90651	22.32294	.0225766
#2	2.555813	4.414560	.0343832	.0074485	15.85068	22.69151	.0223642
#3	2.601407	4.441607	.0377242	.0075123	15.83812	22.57188	.0194434

Sample Name: M1939-07 Acquired: 04/16/2021 14:22:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGB370 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7408389	.0387291	.2577468
Stddev	.0016371	.0002988	.0001661
%RSD	.2209736	.7716176	.0644485

#1	.7390181	.0390459	.2576724
#2	.7413091	.0386893	.2579371
#3	.7421893	.0384522	.2576309

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1733.096	39327.09	8325.875	1234.905	1816.073
Stddev	2.313	72.86	70.267	1.965	1.143
%RSD	.1334382	.1852748	.8439608	.1591002	.0629362

#1	1734.373	39377.21	8402.516	1232.800	1815.636
#2	1734.487	39243.50	8264.488	1235.226	1815.213
#3	1730.426	39360.55	8310.620	1236.690	1817.370

Sample Name: M1939-11 Acquired: 04/16/2021 14:27:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGB372 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1601728	-.006541	.6331799	.0016043	-.002172	26.44956	12.94070
Stddev	.0032227	.000937	.0041653	.0062243	.000712	.02061	.11974
%RSD	2.011982	14.32188	.6578404	387.9647	32.75534	.0779080	.9253188

#1	.1638098	-.006413	.6367001	.0075126	-.001760	26.46135	12.89508
#2	.1590362	-.005674	.6342581	-.004894	-.002994	26.42577	13.07655
#3	.1576724	-.007535	.6285815	.002194	-.001763	26.46157	12.85048

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048957	.0026030	28.38322	.1048867	.0555935	.1319057	66.54977
Stddev	.0001202	.0001098	.10932	.0003569	.0002563	.0012463	.09771
%RSD	2.455033	4.219452	.3851505	.3402648	.4609380	.9448145	.1468244

#1	.0048513	.0026373	28.39400	.1045154	.0557024	.1322184	66.46933
#2	.0050317	.0026915	28.26891	.1052271	.0557772	.1329659	66.65851
#3	.0048039	.0024801	28.48674	.1049177	.0553007	.1305329	66.52148

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.34541	5.516904	.0543521	.0000555	.0975332	.1119531	.5895991
Stddev	.00667	.027844	.0003102	.0002635	.1639350	.0012719	.0088333
%RSD	.0644674	.5047015	.5707267	474.7787	168.0813	1.136066	1.498180

#1	10.35121	5.523543	.0541681	.0000202	.0075001	.1126417	.5809613
#2	10.34689	5.486341	.0541779	-.000189	-.001656	.1127322	.5892205
#3	10.33812	5.540829	.0547102	.000335	.286755	.1104854	.5986156

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.983751	1.788175	.0173069	.0037294	3.687116	12.85514	.0042366
Stddev	.063209	.001974	.0030959	.0006775	.012660	.03050	.0022717
%RSD	3.186341	.1104066	17.88851	18.16600	.3433650	.2372633	53.62206

#1	1.925855	1.789677	.0201107	.0043741	3.675665	12.85041	.0041270
#2	1.974208	1.785939	.0139844	.0030233	3.684970	12.88772	.0020216
#3	2.051188	1.788910	.0178255	.0037909	3.700712	12.82727	.0065611

Sample Name: M1939-11 Acquired: 04/16/2021 14:27:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGB372 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4873685	.0144856	.0613088
Stddev	.0020892	.0015615	.0004084
%RSD	.4286783	10.77968	.6661947

#1	.4871608	.0143404	.0616904
#2	.4895538	.0161147	.0608779
#3	.4853908	.0130018	.0613580

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1819.500	40311.33	8215.310	1299.547	2152.361
Stddev	5.112	169.29	.439	11.145	6.732
%RSD	.2809618	.4199629	.0053439	.8576108	.3127671

#1	1817.208	40322.43	8215.474	1310.291	2144.964
#2	1825.357	40474.81	8215.643	1300.310	2158.129
#3	1815.934	40136.77	8214.812	1288.040	2153.990

Sample Name: M1939-12 Acquired: 04/16/2021 14:31:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGB373 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0425157	-.024953	3.570263	-.001505	.0142618	19.10209
Stddev	.0056634	.005037	.007997	.008963	.0028248	.03819
%RSD	13.32068	20.18593	.2239983	595.5337	19.80667	.1999302

#1	.0418031	-.019825	3.563614	-.006722	.0167970	19.05813
#2	.0372424	-.029894	3.568039	-.006637	.0147716	19.12707
#3	.0485017	-.025139	3.579137	.008844	.0112168	19.12107

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3983036	.0026633	.0040427	F 1851.547	.0433388	.0367137
Stddev	.0009254	.0000419	.0002133	16.848	.0011327	.0002341
%RSD	.2323277	1.573149	5.275734	.9099244	2.613608	.6375888

#1	.3987290	.0026255	.0041622	1859.081	.0446369	.0369752
#2	.3989397	.0027083	.0041693	1832.247	.0425510	.0365237
#3	.3972420	.0026559	.0037964	1863.314	.0428284	.0366421

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1011726	60.49783	3.195547	F 1012.746	.0441813	-.000155
Stddev	.0005851	.16352	.008467	2.782	.0004513	.000300
%RSD	.5783021	.2702848	.2649580	.2747200	1.021394	193.5223

#1	.1016297	60.31389	3.199182	1009.703	.0437771	-.000336
#2	.1005132	60.62669	3.201589	1015.160	.0440985	-.000320
#3	.1013750	60.55293	3.185869	1013.374	.0446682	.000191

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.012707	.1460421	.3420133	2.039232	1.632288	.0508367
Stddev	.038351	.0022779	.0039497	.006001	.018618	.0014197
%RSD	1.272986	1.559788	1.154830	.2942894	1.140595	2.792749

#1	2.973902	.1477063	.3402028	2.035909	1.615063	.0502300
#2	3.013632	.1469739	.3465436	2.035627	1.629761	.0498211
#3	3.050588	.1434459	.3392934	2.046159	1.652041	.0524590

Sample Name: M1939-12 Acquired: 04/16/2021 14:31:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGB373 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071116	2.693628	12.93251	.0639836	.1720485	.0522711
Stddev	.0011835	.014050	.00521	.0013771	.0024105	.0010004
%RSD	16.64192	.5216019	.0402886	2.152261	1.401050	1.913890

#1	.0058148	2.701001	12.93362	.0636486	.1694286	.0521517
#2	.0073864	2.677426	12.93708	.0628050	.1725444	.0533258
#3	.0081335	2.702457	12.92683	.0654973	.1741725	.0513357

Elem	Sr4077
Units	ppm
Avg	.7184404
Stddev	.0010518
%RSD	.1463969

#1	.7181353
#2	.7196110
#3	.7175749

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1460.924	33686.36	7301.172	1048.821	1561.731
Stddev	5.759	56.01	12.831	2.596	5.006
%RSD	.3941774	.1662613	.1757402	.2474942	.3205351

#1	1462.578	33622.16	7292.298	1046.523	1565.571
#2	1465.675	33711.72	7295.335	1051.637	1563.552
#3	1454.519	33725.20	7315.884	1048.303	1556.069

Sample Name: M1939-08DLX2 Acquired: 04/16/2021 14:35:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGB371 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1029016	-.011285	3.526330	-.003990	.0073648	9.959146	9.793223
Stddev	.0048480	.001526	.011899	.002885	.0018911	.023596	.010153
%RSD	4.711257	13.52067	.3374430	72.30690	25.67730	.2369248	.1036769

#1	.0974721	-.009840	3.525554	-.005462	.0059294	9.978967	9.794186
#2	.1044363	-.012880	3.514838	-.005841	.0095076	9.965424	9.802860
#3	.1067965	-.011134	3.538599	-.000666	.0066573	9.933046	9.782622

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020934	.0328057	664.0791	.0667615	.0353767	.1653446	91.75574
Stddev	.0000959	.0001503	1.5375	.0012403	.0006691	.0014511	.56709
%RSD	4.582963	.4581244	.2315248	1.857751	1.891502	.8776242	.6180388

#1	.0021564	.0327208	663.6467	.0653343	.0356740	.1664626	92.17628
#2	.0021408	.0327171	665.7865	.0675782	.0358457	.1637047	91.98014
#3	.0019830	.0329792	662.8041	.0673720	.0346104	.1658664	91.11079

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.232843	359.1337	.0668862	.0018236	.8018696	.1143677	10.94660
Stddev	.005000	2.2167	.0006805	.0003872	.1938863	.0006591	.01137
%RSD	.1546568	.6172488	1.017450	21.23114	24.17928	.5762748	.1038879

#1	3.227657	361.2787	.0661279	.0017166	.7381150	.1143858	10.93844
#2	3.237633	359.2707	.0670867	.0022529	1.019605	.1136997	10.94177
#3	3.233240	356.8516	.0674439	.0015011	.647888	.1150174	10.95959

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.238374	1.693362	.0211961	.0060656	30.09160	2.231616	.0199309
Stddev	.095247	.017633	.0010405	.0008361	.15304	.008117	.0012846
%RSD	7.691301	1.041325	4.909050	13.78381	.5085737	.3637455	6.445081

#1	1.347427	1.713711	.0204422	.0069999	30.25563	2.234929	.0199712
#2	1.196198	1.683797	.0223833	.0053881	29.95265	2.237553	.0186267
#3	1.171496	1.682577	.0207629	.0058087	30.06651	2.222366	.0211949

Sample Name: M1939-08DLX2 Acquired: 04/16/2021 14:35:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGB371 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2358367	.0211793	.2872903
Stddev	.0005983	.0001478	.0007212
%RSD	.2536983	.6980956	.2510493

#1	.2351465	.0213487	.2880353
#2	.2362076	.0211128	.2872399
#3	.2361561	.0210763	.2865955

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1543.373	35187.01	7500.347	1106.951	1759.154
Stddev	1.844	125.52	24.525	5.600	2.063
%RSD	.1194797	.3567182	.3269854	.5058791	.1173001

#1	1543.992	35188.28	7493.595	1111.726	1757.527
#2	1544.829	35060.87	7479.904	1108.340	1761.475
#3	1541.300	35311.89	7527.540	1100.788	1758.461

Sample Name: M1939-09DLX2 Acquired: 04/16/2021 14:39:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGB371D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0963515	-.010652	3.668198	-.001554	.0062519	9.929074	9.902310
Stddev	.0043207	.003484	.002963	.011059	.0019367	.049774	.020425
%RSD	4.484318	32.71184	.0807839	711.4675	30.97705	.5012960	.2062618

#1	.0944299	-.006777	3.664778	.009878	.0059553	9.871600	9.881232
#2	.1012997	-.013528	3.669806	-.012198	.0083197	9.957839	9.903685
#3	.0933250	-.011650	3.670010	-.002343	.0044806	9.957783	9.922012

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021590	.0325252	669.6650	.0667339	.0346616	.1654391	92.28248
Stddev	.0000730	.0001306	2.1231	.0006049	.0003133	.0015755	.50454
%RSD	3.381022	.4015782	.3170440	.9063875	.9037523	.9523135	.5467394

#1	.0022083	.0326730	667.2344	.0671061	.0344080	.1667568	91.80767
#2	.0020751	.0324772	671.1571	.0660360	.0345651	.1658664	92.81226
#3	.0021935	.0324253	670.6037	.0670596	.0350118	.1636940	92.22751

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.246301	361.3260	.0665608	.0018113	.9526485	.1141573	10.90194
Stddev	.005737	2.1292	.0007159	.0005732	.1418219	.0033975	.08253
%RSD	.1767378	.5892650	1.075496	31.64497	14.88712	2.976124	.7570664

#1	3.240121	359.8018	.0673144	.0013088	.8976229	.1103094	10.83132
#2	3.251459	363.7587	.0658899	.0024356	.8465852	.1167432	10.88182
#3	3.247324	360.4175	.0664780	.0016894	1.113738	.1154192	10.99267

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.217004	1.702150	.0198235	.0063677	29.78856	2.237095	.0195827
Stddev	.075149	.007597	.0017855	.0007123	.05666	.017366	.0035978
%RSD	6.174941	.4463025	9.006992	11.18652	.1901916	.7762866	18.37229

#1	1.137520	1.694036	.0194594	.0071742	29.85192	2.237991	.0163193
#2	1.286898	1.709093	.0182482	.0061043	29.74277	2.253997	.0234407
#3	1.226595	1.703320	.0217631	.0058246	29.77099	2.219299	.0189881

Sample Name: M1939-09DLX2 Acquired: 04/16/2021 14:39:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGB371D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2366633	.0213770	.2893071
Stddev	.0032806	.0007174	.0005189
%RSD	1.386183	3.355999	.1793653

#1	.2331130	.0205613	.2887379
#2	.2395824	.0219102	.2897537
#3	.2372944	.0216595	.2894298

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1547.255	35312.46	7452.153	1110.119	1760.063
Stddev	3.313	38.76	52.306	.373	.709
%RSD	.2141022	.1097752	.7018844	.0336021	.0402544

#1	1546.693	35276.64	7457.587	1110.517	1760.622
#2	1550.813	35307.14	7397.343	1109.778	1760.302
#3	1544.259	35353.62	7501.530	1110.060	1759.266

Sample Name: M1939-10DLX2 Acquired: 04/16/2021 14:43:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGB371S Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1371696	.0421777	2.980764	.0583110	.0591768	13.39854	12.59028
Stddev	.0003594	.0060329	.006223	.0134950	.0024231	.08132	.09630
%RSD	.2620514	14.30356	.2087814	23.14320	4.094637	.6069258	.7648675

#1	.1375846	.0426649	2.976344	.0584578	.0607022	13.37644	12.54682
#2	.1369572	.0479523	2.987881	.0717320	.0563828	13.48862	12.70065
#3	.1369670	.0359160	2.978066	.0447431	.0604454	13.33055	12.52338

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0594263	.0892288	686.4138	.2922283	.5962107	.4899467	94.37601
Stddev	.0005893	.0003075	5.7347	.0010209	.0013531	.0035510	.98294
%RSD	.9916969	.3446497	.8354518	.3493636	.2269441	.7247658	1.041518

#1	.0590585	.0891207	679.9287	.2929484	.5948123	.4872986	94.24977
#2	.0601061	.0889899	690.8157	.2926765	.5963065	.4939818	95.41598
#3	.0591144	.0895758	688.4968	.2910599	.5975133	.4885596	93.46229

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.027921	374.0207	.6177369	.0567582	1.005808	.6951949	11.26706
Stddev	.027068	3.0778	.0010622	.0002351	.366902	.0099535	.04808
%RSD	.6720002	.8228942	.1719435	.4141440	36.47833	1.431754	.4267324

#1	4.017753	373.5255	.6165818	.0569869	.661710	.6910908	11.32017
#2	4.058600	377.3160	.6179575	.0565173	1.391900	.7065442	11.25452
#3	4.007409	371.2205	.6186715	.0567703	.963815	.6879497	11.22649

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.343063	1.802199	.0205996	.0061493	28.01649	2.691533	.0264665
Stddev	.050921	.006778	.0019012	.0004679	.10214	.049810	.0015295
%RSD	3.791439	.3761191	9.229469	7.609387	.3645670	1.850618	5.778934

#1	1.294555	1.808235	.0223211	.0065009	27.90968	2.685480	.0281972
#2	1.396096	1.794866	.0209188	.0056182	28.02660	2.744093	.0252965
#3	1.338538	1.803497	.0185590	.0063288	28.11320	2.645027	.0259059

Sample Name: M1939-10DLX2 Acquired: 04/16/2021 14:43:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGB371S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2551597	.0231913	.3007940
Stddev	.0034052	.0018995	.0013398
%RSD	1.334519	8.190439	.4454060

#1	.2541593	.0217946	.3006181
#2	.2589530	.0253542	.3022130
#3	.2523668	.0224251	.2995508

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1539.928	35271.54	7448.146	1107.981	1754.128
Stddev	2.466	88.22	49.022	2.759	2.149
%RSD	.1601633	.2501123	.6581793	.2489758	.1225352

#1	1537.094	35290.55	7455.476	1107.656	1754.830
#2	1541.590	35348.70	7395.872	1110.888	1751.715
#3	1541.099	35175.36	7493.091	1105.400	1755.839

Sample Name: M1939-08LDLX10 Acquired: 04/16/2021 14:47:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGB371L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0158328	-.004249	.6891051	-.004731	-.001432	1.893734	1.916787
Stddev	.0088432	.003334	.0015145	.004180	.000341	.003113	.003885
%RSD	55.85403	78.46148	.2197769	88.35466	23.81820	.1643856	.2026587

#1	.0209264	-.004407	.6875835	-.003616	-.001460	1.894701	1.913483
#2	.0209505	-.000839	.6906124	-.001222	-.001079	1.890253	1.921066
#3	.0056215	-.007501	.6891194	-.009356	-.001759	1.896249	1.915812

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003737	.0061429	128.9098	.0142866	.0049703	.0313411	18.46068
Stddev	.0001044	.0000471	.3274	.0006523	.0003960	.0006999	.08412
%RSD	27.92536	.7673453	.2540069	4.565893	7.966581	2.233008	.4556864

#1	.0004873	.0061971	128.5402	.0148668	.0048908	.0314709	18.36679
#2	.0002820	.0061112	129.1636	.0135806	.0046201	.0305854	18.48607
#3	.0003518	.0061205	129.0256	.0144125	.0054000	.0319669	18.52919

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6465430	68.48085	.0124578	.0004254	.0748667	.0221403	2.085570
Stddev	.0018886	.25790	.0003232	.0003758	.1813696	.0027684	.007818
%RSD	.2921142	.3765954	2.594368	88.35862	242.2568	12.50378	.3748512

#1	.6444891	68.21305	.0124638	-.000005	.2352812	.0197643	2.094435
#2	.6482048	68.50195	.0121316	.000594	-.121940	.0214762	2.079663
#3	.6469352	68.72755	.0127779	.000687	.111258	.0251803	2.082613

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2601166	.3100169	.0040088	.0012269	5.334932	.3947309	-.000778
Stddev	.0607356	.0025844	.0006323	.0004893	.017066	.0065598	.001608
%RSD	23.34937	.8336450	15.77173	39.87949	.3199007	1.661842	206.7801

#1	.1908408	.3090435	.0035747	.0017882	5.351301	.3893120	-.001170
#2	.3042127	.3080605	.0047342	.0010014	5.317244	.4020237	.000990
#3	.2852964	.3129467	.0037175	.0008909	5.336251	.3928569	-.002153

Sample Name: M1939-08LDLX10 Acquired: 04/16/2021 14:47:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGB371L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0461075	.0013132	.0555264
Stddev	.0008397	.0006804	.0002718
%RSD	1.821260	51.81170	.4894231

#1	.0465005	.0020149	.0552137
#2	.0466787	.0012684	.0557058
#3	.0451434	.0006563	.0556596

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1647.356	36838.31	7594.748	1171.726	2010.040
Stddev	6.088	117.86	14.582	6.146	5.493
%RSD	.3695587	.3199346	.1920060	.5245045	.2732702

#1	1644.101	36718.34	7609.946	1165.478	2007.682
#2	1654.379	36953.94	7580.871	1177.765	2016.318
#3	1643.588	36842.64	7593.428	1171.936	2006.119

Sample Name: M1939-09 Acquired: 04/16/2021 14:51:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGB371D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1977652	-.018041	6.207147	-.002639	.0150418	20.33102
Stddev	.0113211	.011508	.012627	.004374	.0033683	.04977
%RSD	5.724501	63.78841	.2034295	165.7572	22.39295	.2447826

#1	.2017195	-.027038	6.193497	-.000840	.0170632	20.27365
#2	.1849974	-.022013	6.209531	-.007626	.0169087	20.35692
#3	.2065788	-.005073	6.218411	.000549	.0111534	20.36250

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.37770	.0045055	.0695251	F 1297.578	.1280312	.0749278
Stddev	.10751	.0000444	.0001800	10.465	.0005145	.0004548
%RSD	.5849830	.9859376	.2588724	.8065369	.4018482	.6070049

#1	18.42547	.0045036	.0693173	1286.188	.1275392	.0747238
#2	18.25458	.0044620	.0696267	1299.775	.1285655	.0746106
#3	18.45303	.0045507	.0696313	1306.770	.1279887	.0754488

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3289322	180.6281	6.352923	727.0807	.1375204	.0034539
Stddev	.0025118	.1537	.006489	.9015	.0007374	.0000995
%RSD	.7636134	.0850835	.1021399	.1239875	.5361807	2.882120

#1	.3265650	180.4526	6.348131	726.9135	.1378265	.0033469
#2	.3286645	180.7387	6.350331	726.2745	.1366793	.0034712
#3	.3315671	180.6930	6.360307	728.0541	.1380554	.0035437

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.171396	.2296521	22.23109	2.515116	3.590770	.0335187
Stddev	.482992	.0030541	.05570	.043198	.014721	.0012893
%RSD	22.24339	1.329859	.2505375	1.717546	.4099624	3.846359

#1	2.548416	.2300848	22.20571	2.501944	3.596295	.0333878
#2	1.626974	.2264048	22.29496	2.480037	3.574086	.0348684
#3	2.338797	.2324667	22.19261	2.563367	3.601929	.0322999

Sample Name: M1939-09 Acquired: 04/16/2021 14:51:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGB371D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122434	64.66102	5.106661	.0483278	.4729609	.0443701
Stddev	.0002143	.05138	.012007	.0038469	.0028240	.0014584
%RSD	1.750657	.0794643	.2351332	7.959958	.5970798	3.286844

#1	.0122893	64.70652	5.120408	.0468846	.4754728	.0453844
#2	.0120099	64.60529	5.101355	.0454112	.4699042	.0450272
#3	.0124311	64.67125	5.098221	.0526876	.4735056	.0426988

Elem	Sr4077
Units	ppm
Avg	.5708998
Stddev	.0004067
%RSD	.0712428

#1	.5705877
#2	.5707520
#3	.5713598

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1492.245	34565.47	7452.491	1076.104	1625.407
Stddev	2.891	135.75	13.711	2.439	2.353
%RSD	.1937392	.3927306	.1839837	.2266581	.1447425

#1	1495.246	34712.47	7441.560	1077.122	1627.865
#2	1492.010	34539.09	7448.037	1073.321	1625.180
#3	1489.478	34444.85	7467.876	1077.870	1623.176

Sample Name: M1939-13 Acquired: 04/16/2021 15:00:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGB374 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1390184	-.004879	.1323255	.2754438	.1115928	40.45367	3.659437
Stddev	.0068827	.003081	.0026393	.0086254	.0017450	.11098	.003905
%RSD	4.950959	63.15008	1.994530	3.131461	1.563738	.2743434	.1067013

#1	.1410927	-.001322	.1345289	.2851202	.1098965	40.56393	3.663774
#2	.1313371	-.006715	.1294005	.2685630	.1133827	40.45510	3.658336
#3	.1446254	-.006601	.1330472	.2726481	.1114991	40.34198	3.656201

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013245	.0011531	125.1992	.1861499	.5470300	.1921713	34.24820
Stddev	.0000797	.0000809	.2594	.0003713	.0010133	.0031904	.23575
%RSD	6.017168	7.018667	.2071699	.1994523	.1852326	1.660196	.6883616

#1	.0012411	.0011800	125.4760	.1857863	.5460354	.1949649	34.44771
#2	.0014000	.0010621	124.9617	.1861351	.5469935	.1928543	34.30883
#3	.0013323	.0012171	125.1601	.1865284	.5480610	.1886947	33.98805

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3412251	3.629878	.0117370	.1840062	86.25429	.9720354	.4435536
Stddev	.0021319	.054809	.0005259	.0009529	.51526	.0070100	.0035533
%RSD	.6247705	1.509939	4.480746	.5178712	.5973733	.7211616	.8011030

#1	.3429556	3.609438	.0111677	.1847436	86.57380	.9799170	.4417016
#2	.3388437	3.691970	.0122046	.1829302	86.52920	.9664979	.4476504
#3	.3418761	3.588227	.0118388	.1843448	85.65988	.9696914	.4413090

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	109.1808	.1477718	.0046910	.0041195	.8696016	6.931933	.0053591
Stddev	.3360	.0008418	.0012034	.0002467	.0068803	.025805	.0024880
%RSD	.3077727	.5696901	25.65312	5.988807	.7911977	.3722683	46.42613

#1	109.4782	.1471287	.0038927	.0038908	.8768807	6.957393	.0068193
#2	109.2480	.1487246	.0041052	.0043810	.8632054	6.932612	.0067717
#3	108.8163	.1474621	.0060751	.0040868	.8687187	6.905795	.0024863

Sample Name: M1939-13 Acquired: 04/16/2021 15:00:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGB374 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5952875	.0085322	.0096304
Stddev	.0025824	.0013045	.0000810
%RSD	.4338035	15.28886	.8411204

#1	.5968315	.0078453	.0095425
#2	.5967248	.0077147	.0096468
#3	.5923063	.0100366	.0097020

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1719.637	38179.27	7891.704	1232.310	1997.412
Stddev	3.338	176.92	48.020	4.376	4.794
%RSD	.1941252	.4633799	.6084885	.3550852	.2399945

#1	1719.694	38062.11	7836.366	1233.796	2001.093
#2	1722.947	38092.93	7922.409	1227.384	1999.150
#3	1716.271	38382.78	7916.337	1235.749	1991.991

Sample Name: PB135633BS Acquired: 04/16/2021 15:04:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS633 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0226414	.0502226	.0190405	.0742061	.1187712	.4135265	.3179256
Stddev	.0008803	.0025048	.0004848	.0030707	.0024946	.0040130	.0010631
%RSD	3.887973	4.987376	2.546132	4.138088	2.100364	.9704448	.3343883

#1	.0216250	.0476392	.0192598	.0737095	.1204273	.4154623	.3178471
#2	.0231433	.0526406	.0184848	.0774948	.1159021	.4089125	.3169040
#3	.0231559	.0503880	.0193768	.0714139	.1199843	.4162048	.3190258

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115485	.0100662	10.70383	.0219634	.0961670	.0528908	.2461394
Stddev	.0001294	.0001041	.03149	.0005541	.0005334	.0017750	.0081232
%RSD	1.120241	1.034580	.2942198	2.522823	.5546891	3.356028	3.300254

#1	.0114121	.0099703	10.71689	.0219082	.0956865	.0549270	.2367842
#2	.0115640	.0100514	10.66791	.0214389	.0967410	.0520755	.2502272
#3	.0116694	.0101770	10.72670	.0225430	.0960736	.0516699	.2514067

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0340487	10.72393	.0851193	.0201298	9.824987	.1106540	.1158841
Stddev	.0003371	.01292	.0006406	.0002766	.289758	.0055442	.0025848
%RSD	.9899556	.1205068	.7526518	1.374315	2.949192	5.010387	2.230472

#1	.0340056	10.71218	.0857461	.0204230	10.15661	.1156677	.1182101
#2	.0344053	10.73777	.0844656	.0198735	9.69767	.1115948	.1163408
#3	.0337353	10.72184	.0851463	.0200928	9.62068	.1046997	.1131015

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.605452	.0194789	.0199285	.0222112	.1630369	.2149985	.0128617
Stddev	.064337	.0007336	.0004766	.0001594	.0043659	.0021278	.0002693
%RSD	.6697935	3.765921	2.391441	.7178496	2.677873	.9896732	2.093969

#1	9.629095	.0202654	.0194733	.0221434	.1676269	.2167011	.0130834
#2	9.532639	.0193578	.0198884	.0220969	.1589364	.2156811	.0125620
#3	9.654622	.0188134	.0204239	.0223934	.1625474	.2126131	.0129396

Sample Name: PB135633BS Acquired: 04/16/2021 15:04:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS633 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2164603	.0274109	.2214479
Stddev	.0005093	.0016154	.0002862
%RSD	.2353007	5.893134	.1292460

#1	.2160968	.0276878	.2212230
#2	.2162418	.0288698	.2217701
#3	.2170425	.0256749	.2213506

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1698.776	37696.21	7633.793	1207.610	2139.120
Stddev	4.036	130.88	47.156	2.463	.845
%RSD	.2375978	.3471943	.6177321	.2039630	.0394951

#1	1698.637	37715.98	7606.412	1204.933	2139.801
#2	1702.880	37556.57	7606.723	1209.780	2139.385
#3	1694.811	37816.08	7688.244	1208.118	2138.175

Sample Name: CCV053 Acquired: 04/16/2021 15:08:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV053 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.132728	5.091639	25.29225	5.107951	5.096988	416.5200	10.55882
Stddev	.017102	.001935	.05231	.012272	.016303	1.0713	.02346
%RSD	.3332010	.0380093	.2068393	.2402537	.3198606	.2572027	.2221933

#1	5.131978	5.091576	25.23533	5.121391	5.092359	417.0535	10.58254
#2	5.150193	5.089736	25.30321	5.105122	5.115105	417.2197	10.55829
#3	5.116013	5.093605	25.33822	5.097341	5.083499	415.2867	10.53563

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5253235	2.523646	413.9569	15.74140	2.548881	15.91435	425.3295
Stddev	.0028580	.001324	.8930	.04030	.001179	.04583	1.7776
%RSD	.5440458	.0524474	.2157307	.2560120	.0462695	.2879855	.4179294

#1	.5274391	2.522310	414.9729	15.72431	2.550236	15.93235	426.6195
#2	.5220722	2.523670	413.2961	15.78742	2.548321	15.94845	426.0672
#3	.5264591	2.524957	413.6017	15.71246	2.548086	15.86225	423.3018

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.39091	412.0375	2.522758	1.308333	414.5994	2.627350	15.83099
Stddev	.00383	.9962	.001078	.002587	1.9488	.003618	.15515
%RSD	.0249167	.2417685	.0427238	.1977391	.4700367	.1377071	.9800345

#1	15.38650	412.1418	2.522675	1.305353	415.8847	2.630754	15.80546
#2	15.39350	412.9774	2.521724	1.310009	415.5563	2.627747	15.99732
#3	15.39272	410.9932	2.523875	1.309636	412.3571	2.623550	15.69019

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	161.7366	5.333674	5.253830	5.071111	5.278507	5.222061	5.100911
Stddev	.6329	.025991	.031859	.008115	.010516	.034228	.013505
%RSD	.3912894	.4873051	.6064011	.1600271	.1992233	.6554503	.2647648

#1	162.0685	5.341376	5.290616	5.078009	5.285206	5.257923	5.103243
#2	162.1346	5.304702	5.235776	5.073155	5.266386	5.189743	5.113098
#3	161.0069	5.354944	5.235099	5.062169	5.283928	5.218516	5.086391

Sample Name: CCV053 Acquired: 04/16/2021 15:08:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV053 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.260114	5.371027	4.971737
Stddev	.020801	.016353	.038221
%RSD	.3954445	.3044615	.7687563

#1	5.267235	5.387255	5.013843
#2	5.276420	5.371275	4.939233
#3	5.236688	5.354552	4.962136

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1448.431	33926.28	7335.280	1028.975	1648.393
Stddev	2.649	146.03	35.704	4.657	1.203
%RSD	.1828952	.4304231	.4867404	.4525968	.0730053

#1	1446.101	33986.43	7294.419	1028.591	1647.004
#2	1447.879	33759.78	7360.460	1024.522	1649.114
#3	1451.313	34032.61	7350.960	1033.812	1649.061

Sample Name: CCB053 Acquired: 04/16/2021 15:12:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB053 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004838	-.001205	-.000780	-.010022	-.002890	.0045297
Stddev	.002250	.002947	.002317	.002274	.001091	.0019216
%RSD	46.49747	244.5917	297.0012	22.69267	37.74624	42.42200

#1	-.007428	.002005	-.003090	-.007852	-.004140	.0067298
#2	-.003376	-.003788	.001544	-.012388	-.002134	.0036792
#3	-.003710	-.001833	-.000795	-.009825	-.002395	.0031801

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005603	.0000205	-.000071	-.001676	.0002746	.0000946
Stddev	.001340	.0000582	.000076	.001885	.0004525	.0003365
%RSD	23.90823	283.7472	107.9845	112.5069	164.7560	355.6337

#1	-.004431	.0000614	-.000155	-.003526	.0000435	.0004686
#2	-.007063	.0000463	-.000049	.000242	.0007960	-.000184
#3	-.005314	-.000046	-.000008	-.001743	-.000016	-.000001

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034423	.0203362	.0002961	-.005159	.0001554	.0000249
Stddev	.0009069	.0064331	.0001279	.019845	.0002359	.0003777
%RSD	26.34442	31.63360	43.19458	384.7081	151.8614	1518.161

#1	.0024328	.0277623	.0004355	.017752	.0004067	.0002140
#2	.0037062	.0164655	.0002686	-.016206	-.000061	-.000410
#3	.0041880	.0167809	.0001842	-.017022	.000121	.000271

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0736740	-.001053	-.003815	.1205747	-.001581	F .0112401
Stddev	.1807357	.002529	.002835	.0363853	.000265	.0013009
%RSD	245.3184	240.1993	74.32061	30.17652	16.79056	11.57381

#1	-.117649	-.001452	-.004763	.0948939	-.001509	.0125894
#2	.097140	.001652	-.000627	.1622120	-.001359	.0111371
#3	.241530	-.003359	-.006055	.1046183	-.001875	.0099937

Sample Name: CCB053 Acquired: 04/16/2021 15:12:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1473) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB053 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017135	.0044765	-.000017	-.000624	.0008458	.0050124
Stddev	.0007007	.0046996	.000945	.001002	.0016121	.0010069
%RSD	40.89328	104.9844	5479.569	160.6183	190.6045	20.08758

#1	.0022992	.0004078	.001040	-.001722	.0026223	.0057865
#2	.0019040	.0034010	-.000312	-.000393	-.000524	.0053766
#3	.0009372	.0096206	-.000780	.000243	.000439	.0038741

Elem	Sr4077
Units	ppm
Avg	-.000127
Stddev	.000040
%RSD	31.54404

#1	-.000084
#2	-.000163
#3	-.000135

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1719.560	37875.68	7659.187	1218.135	2179.709
Stddev	4.852	18.34	12.158	3.799	5.286
%RSD	.2821732	.0484282	.1587359	.3118403	.2424977

#1	1714.228	37857.80	7655.900	1214.420	2173.820
#2	1723.717	37874.80	7672.650	1217.974	2184.042
#3	1720.734	37894.45	7649.010	1222.012	2181.266