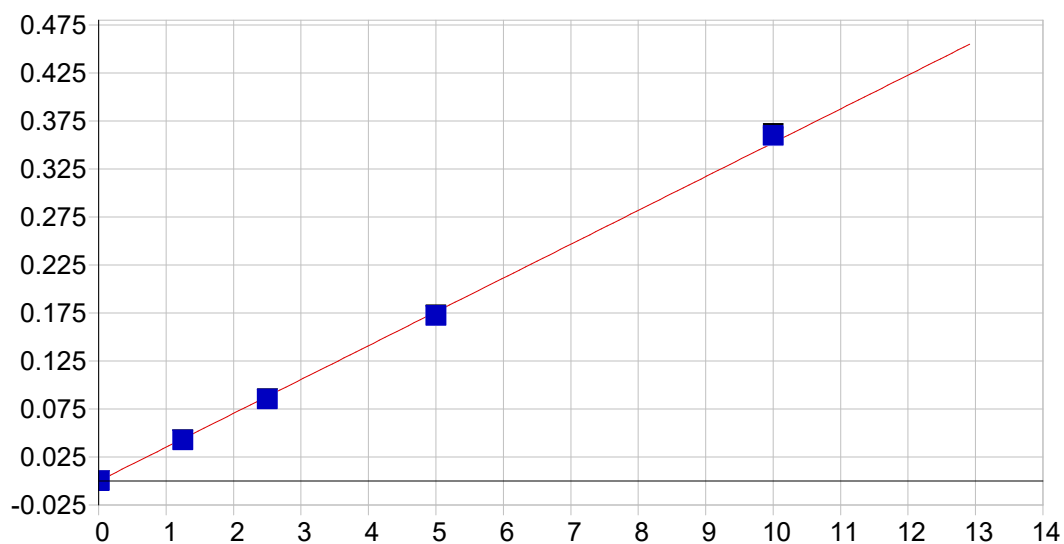


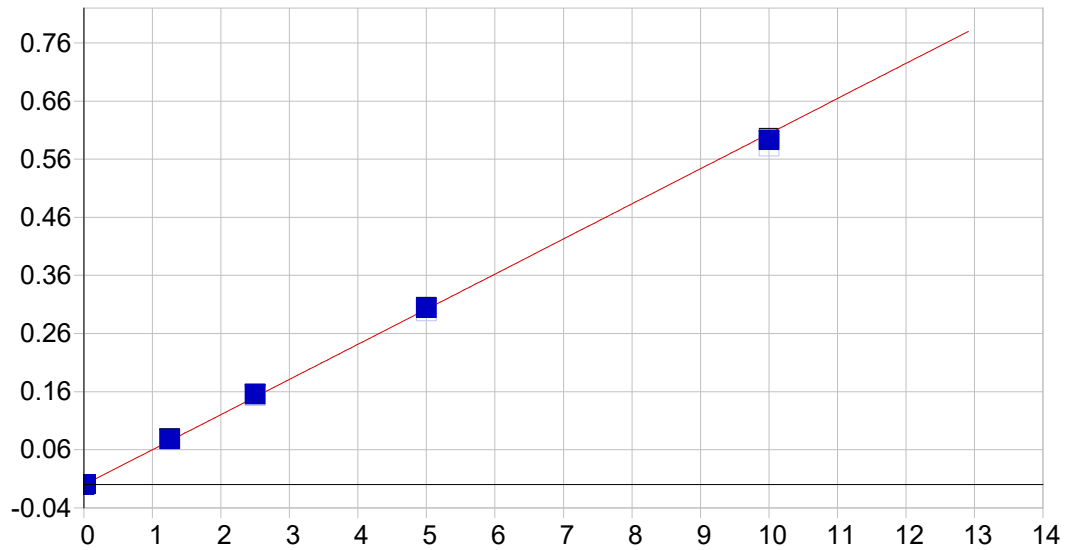


As 189.042 {479}

Date of Fit: 11/14/2019 13:47:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000039 Re-Slope: 1.000000
 A1 (Gain): 0.035235 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999722 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.003089
 Predicted MQL: 0.010298

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00004	.000	1
S1	.01000	.00993	-.000	-.703	.00031	.000	1
S2	1.2500	1.2124	-.038	-3.01	.04258	.000	1
S3	2.5000	2.4258	-.074	-2.97	.08522	.000	1
S4	5.0000	4.8934	-.107	-2.13	.17196	.001	1
S5	10.000	10.219	.219	2.19	.35918	.002	1

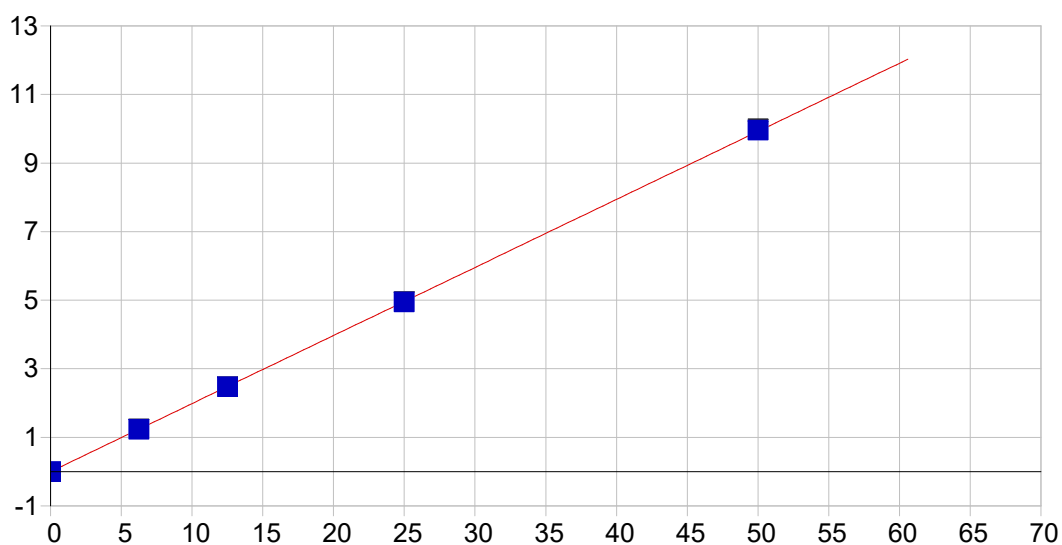


TI 190.856 {477}

Date of Fit: 11/14/2019 13:47:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000237 Re-Slope: 1.000000
 A1 (Gain): 0.060416 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999762 Status: OK.
 Std Error of Est: 0.000034
 Predicted MDL: 0.001899
 Predicted MQL: 0.006331

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00024	.000	1
S1	.02500	.02816	.003	12.6	.00140	.000	1
S2	1.2500	1.3056	.056	4.45	.07725	.000	1
S3	2.5000	2.5760	.076	3.04	.15261	.001	1
S4	5.0000	5.0412	.041	.823	.29876	.001	1
S5	10.000	9.8241	-.176	-1.76	.58216	.003	1

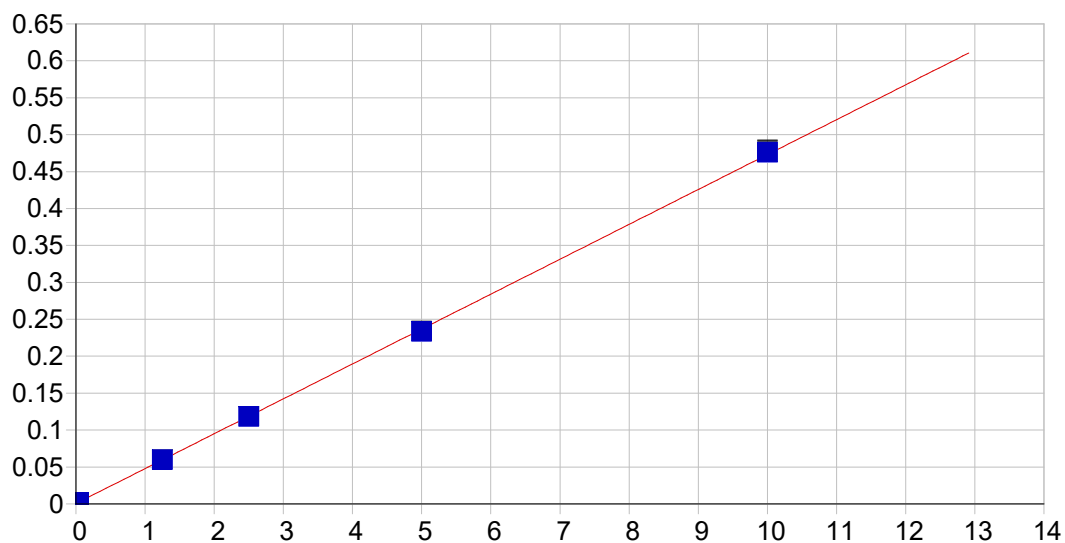


Pb 220.353 {453}

Date of Fit: 11/14/2019 13:47:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000158	Re-Slope:	1.000000
A1 (Gain):	0.198487	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999994	Status:	OK.
Std Error of Est:	0.000025		
Predicted MDL:	0.001400		
Predicted MQL:	0.004666		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00016	.000	1
S1	.01000	.01077	.001	7.66	.00230	.000	1
S2	6.2500	6.2221	-.028	-.447	1.2354	.003	1
S3	12.500	12.457	-.043	-.346	2.4732	.004	1
S4	25.000	24.917	-.083	-.332	4.9468	.011	1
S5	50.000	50.153	.153	.307	9.9569	.035	1

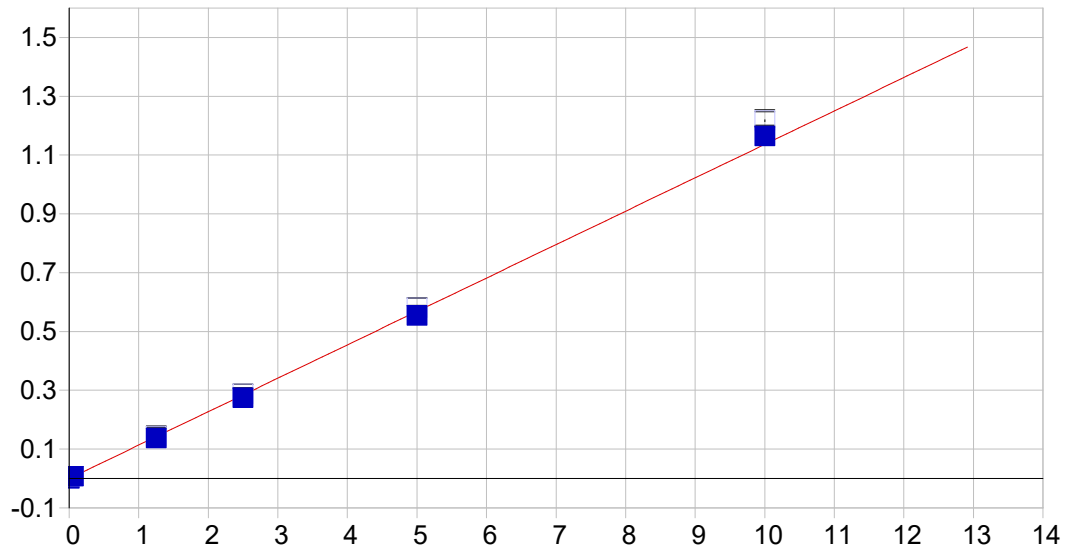


Se 196.090 {472}

Date of Fit: 11/14/2019 13:47:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000563 Re-Slope: 1.000000
 A1 (Gain): 0.047245 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999959 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.003178
 Predicted MQL: 0.010594

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00056	.000	1
S1	.03500	.03317	-.002	-5.24	.00213	.000	1
S2	1.2500	1.2535	.003	.279	.05963	.000	1
S3	2.5000	2.4912	-.009	-.353	.11795	.000	1
S4	5.0000	4.9346	-.065	-1.31	.23308	.000	1
S5	10.000	10.073	.073	.726	.47520	.003	1

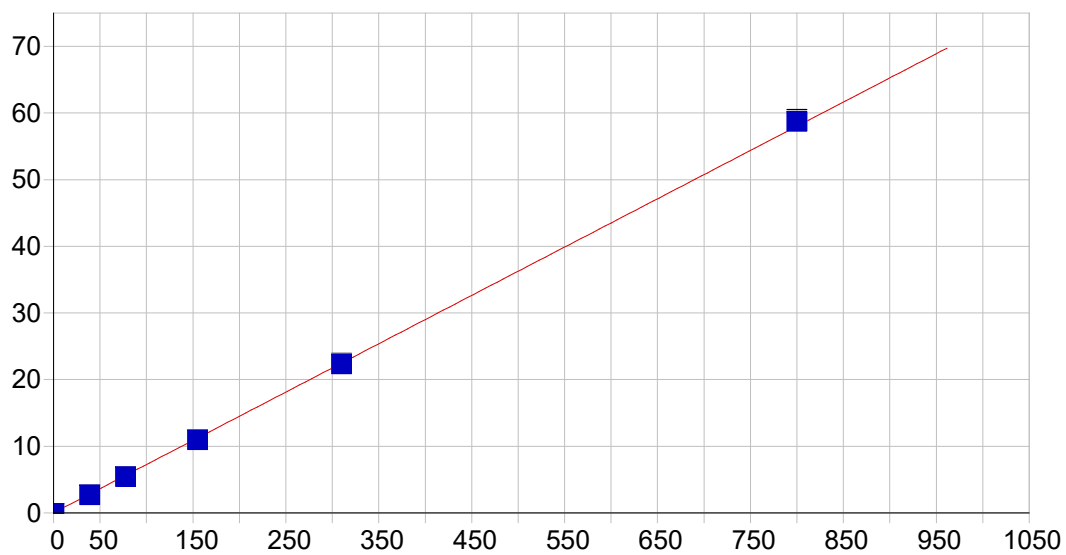


Sb 206.833 {463}

Date of Fit: 11/14/2019 13:47:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000121 Re-Slope: 1.000000
 A1 (Gain): 0.113627 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999660 Status: OK.
 Std Error of Est: 0.000127
 Predicted MDL: 0.001712
 Predicted MQL: 0.005708

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00012	.000	1
S1	.06000	.06451	.005	7.52	.00746	.000	1
S2	1.2500	1.2098	-.040	-3.22	.14413	.001	1
S3	2.5000	2.4101	-.090	-3.59	.28706	.000	1
S4	5.0000	4.8779	-.122	-2.44	.58053	.001	1
S5	10.000	10.248	.248	2.48	1.2169	.003	1

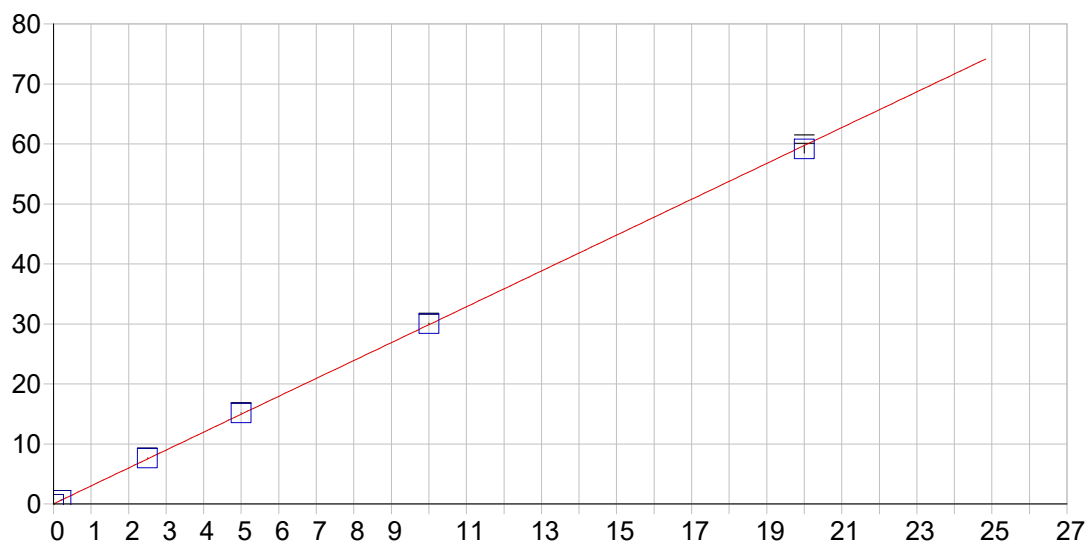


AI 396.152 { 85}

Date of Fit: 11/14/2019 13:51:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.003938	Re-Slope:	1.000000
A1 (Gain):	0.072515	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999864	Status:	OK.
Std Error of Est:	0.000743		
Predicted MDL:	0.011948		
Predicted MQL:	0.039825		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00394	.001	1
S1	.20000	.19307	-.007	-3.46	.01819	.001	1
S2	38.750	37.328	-1.42	-3.67	2.7164	.003	1
S3	77.500	74.912	-2.59	-3.34	5.4474	.015	1
S4	155.00	151.15	-3.85	-2.49	10.987	.008	1
S5	310.00	307.84	-2.16	-.696	22.372	.093	1
S6	800.00	810.04	10.0	1.26	58.781	.263	1

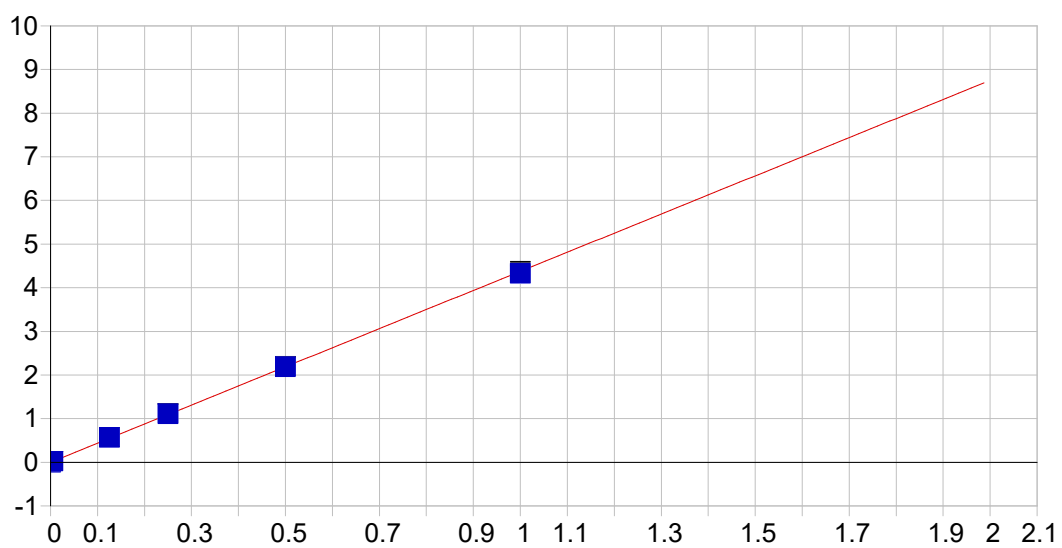


Ba 493.409 { 68}

Date of Fit: 11/14/2019 13:47:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.017895 Re-Slope: 1.000000
 A1 (Gain): 2.985414 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929 Status: OK.
 Std Error of Est: 0.003786
 Predicted MDL: 0.000691
 Predicted MQL: 0.002304

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.01783	.000	1
S1	.20000	.21468	.015	7.34	.65880	.003	1
S2	2.5000	2.5477	.048	1.91	7.6239	.019	1
S3	5.0000	5.0746	.075	1.49	15.168	.012	1
S4	10.000	10.059	.059	.588	30.048	.084	1
S5	20.000	19.804	-.196	-.979	59.142	.676	1

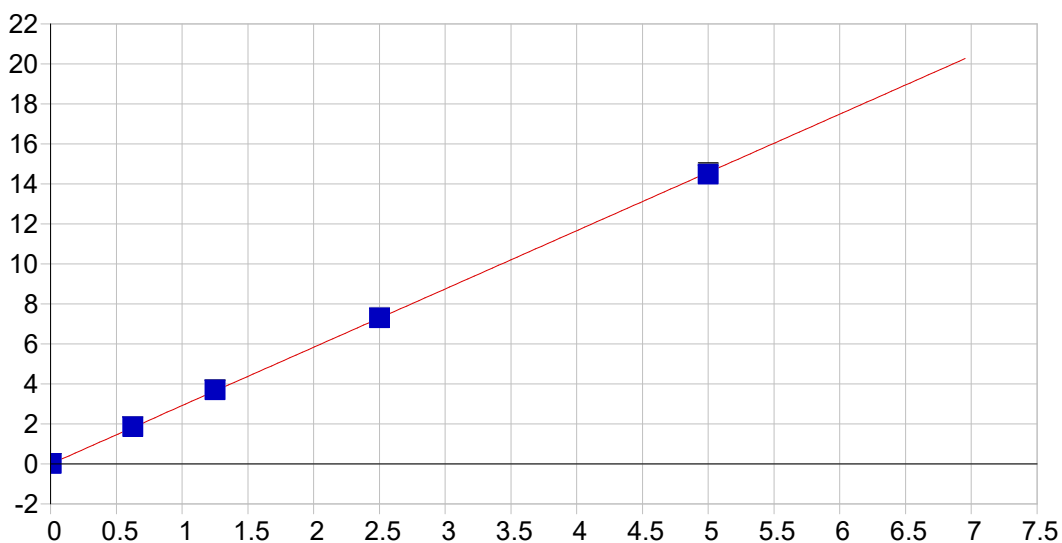


Be 234.861 {144}

Date of Fit: 11/14/2019 13:47:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000745	Re-Slope:	1.000000
A1 (Gain):	4.376405	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999888	Status:	OK.
Std Error of Est:	0.000245		
Predicted MDL:	0.000078		
Predicted MQL:	0.000260		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00075	.000	1
S1	.00500	.00566	.001	13.3	.02403	.001	1
S2	.12500	.12960	.005	3.68	.56463	.006	1
S3	.25000	.25376	.004	1.51	1.1062	.003	1
S4	.50000	.50110	.001	.220	2.1850	.005	1
S5	1.0000	.98987	-.010	-1.01	4.3168	.041	1

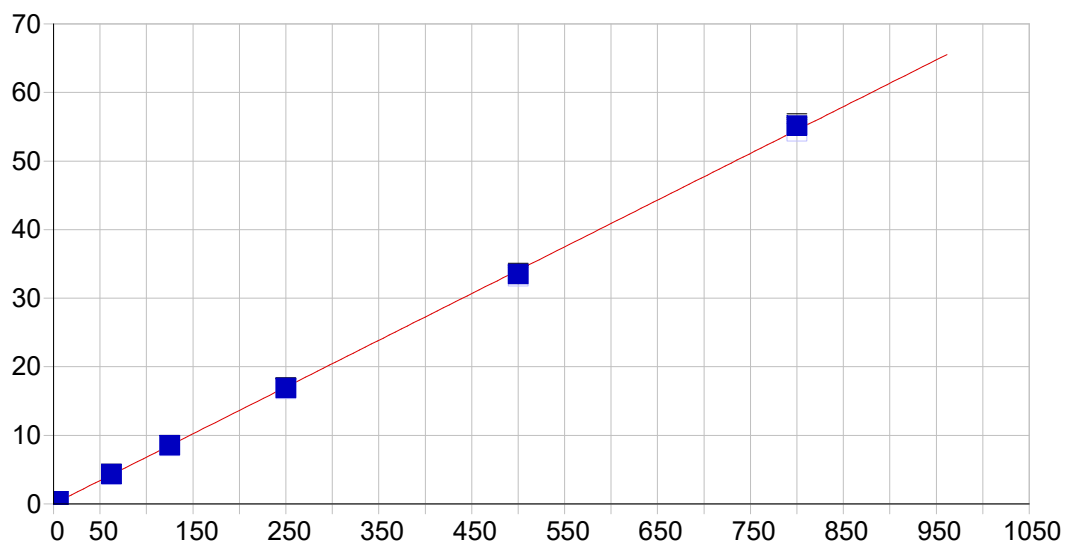


Cd 214.438 {457}

Date of Fit: 11/14/2019 13:47:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000100	Re-Slope:	1.000000
A1 (Gain):	2.914408	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999965	Status:	OK.
Std Error of Est:	0.000205		
Predicted MDL:	0.000067		
Predicted MQL:	0.000223		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00010	.000	1
S1	.00500	.00531	.000	6.14	.01537	.000	1
S2	.62500	.63486	.010	1.58	1.8530	.002	1
S3	1.2500	1.2680	.018	1.44	3.7009	.001	1
S4	2.5000	2.5048	.005	.193	7.3112	.010	1
S5	5.0000	4.9670	-.033	-.659	14.498	.059	1

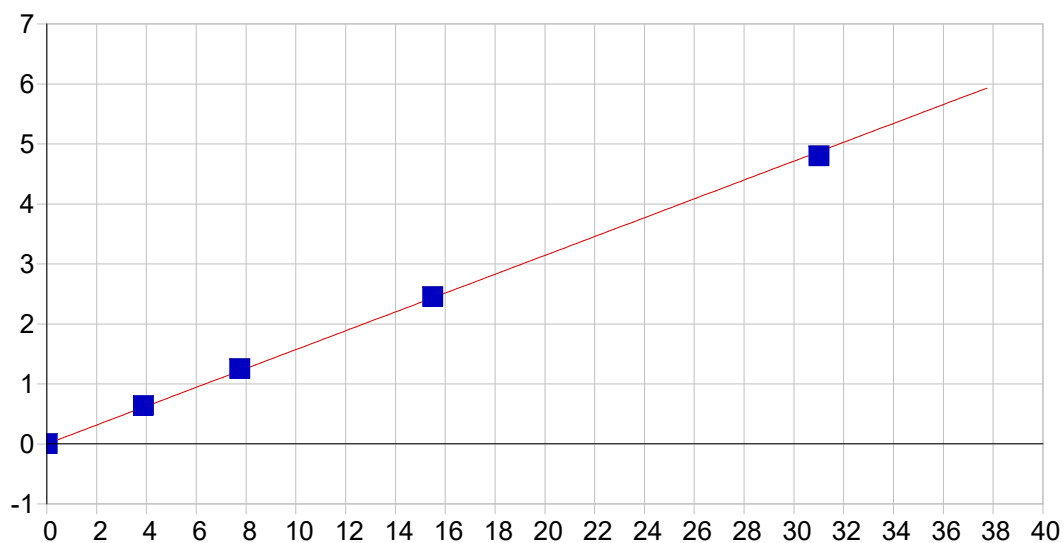


Ca 373.690 { 90}

Date of Fit: 11/14/2019 13:51:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000335 Re-Slope: 1.000000
 A1 (Gain): 0.068159 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999905 Status: OK.
 Std Error of Est: 0.003238
 Predicted MDL: 0.011992
 Predicted MQL: 0.039973

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00046	-.000	.000	.00030	.000	1
S1	5.0000	5.4490	.449	8.98	.37163	.003	1
S2	62.500	63.451	.951	1.52	4.2870	.010	1
S3	125.00	125.05	.052	.041	8.4475	.009	1
S4	250.00	247.89	-2.11	-.844	16.744	.054	1
S5	500.00	491.51	-8.49	-1.70	33.196	.132	1
S6	800.00	809.20	9.20	1.15	54.342	.295	1

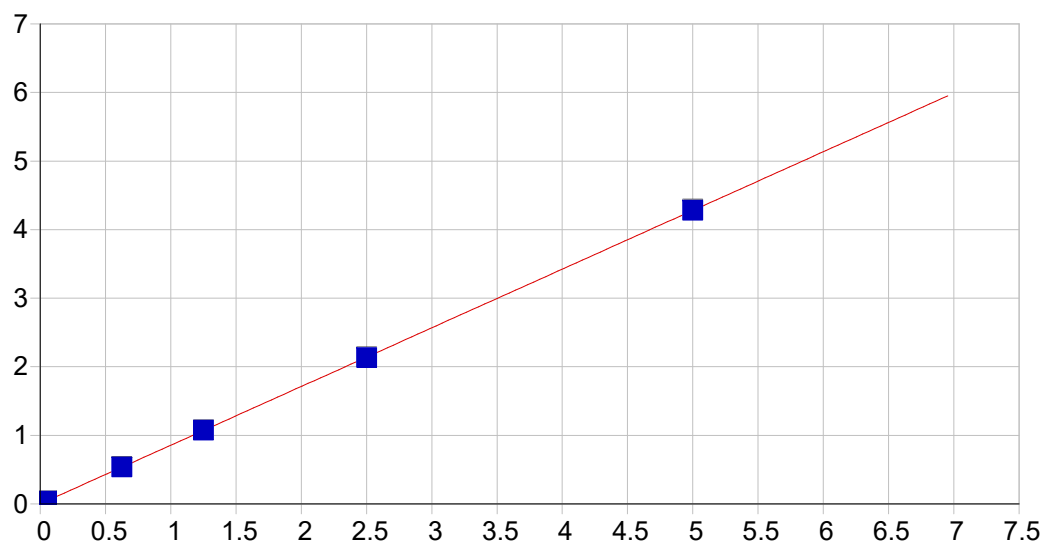


Cr 267.716 {126}

Date of Fit: 11/14/2019 13:47:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000036 Re-Slope: 1.000000
 A1 (Gain): 0.157099 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999808 Status: OK.
 Std Error of Est: 0.000091
 Predicted MDL: 0.000538
 Predicted MQL: 0.001794

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00004	.000	1
S1	.01000	.01212	.002	21.2	.00187	.000	1
S2	3.8750	4.0567	.182	4.69	.63803	.002	1
S3	7.7500	7.9583	.208	2.69	1.2517	.001	1
S4	15.500	15.586	.086	.556	2.4516	.002	1
S5	31.000	30.522	-.478	-1.54	4.8010	.009	1

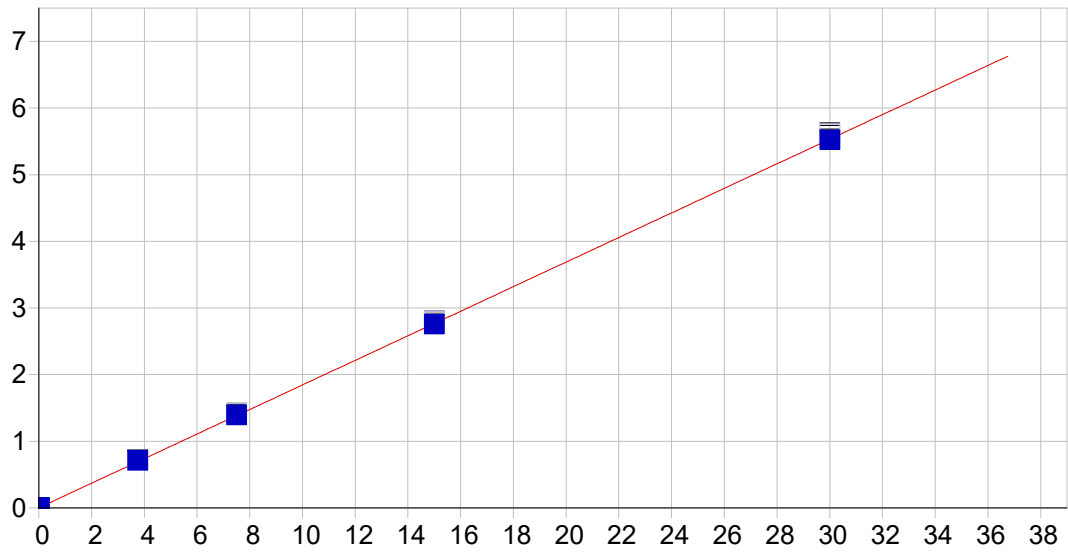


Co 228.616 {448}

Date of Fit: 11/14/2019 13:47:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000261 Re-Slope: 1.000000
 A1 (Gain): 0.855902 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999996 Status: OK.
 Std Error of Est: 0.000066
 Predicted MDL: 0.000225
 Predicted MQL: 0.000750

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00026	.000	1
S1	.05000	.05144	.001	2.88	.04444	.000	1
S2	.62500	.62505	.000	.009	.53610	.001	1
S3	1.2500	1.2548	.005	.385	1.0760	.001	1
S4	2.5000	2.4930	-.007	-.279	2.1375	.002	1
S5	5.0000	5.0007	.001	.013	4.2871	.011	1

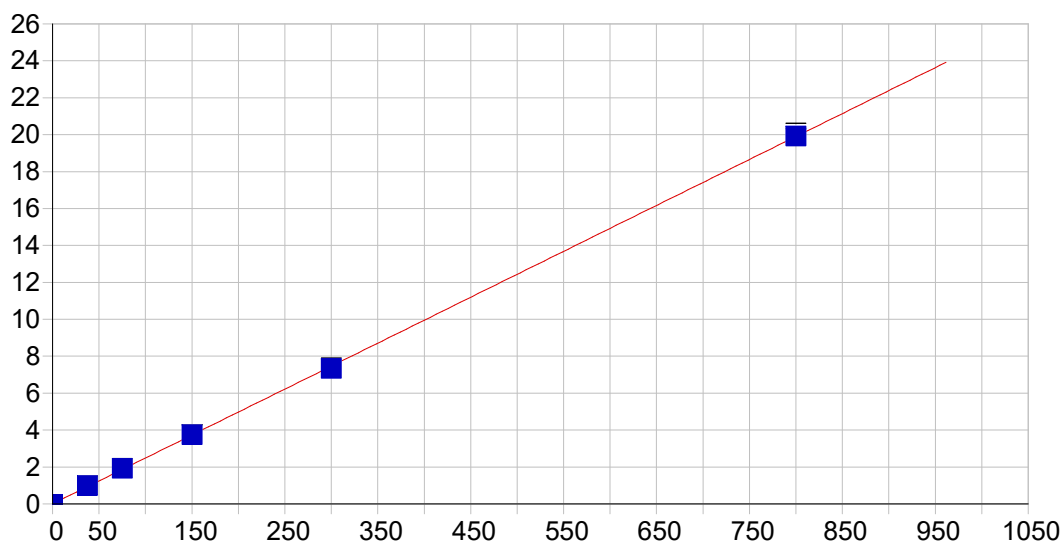


Cu 324.754 {104}

Date of Fit: 11/14/2019 13:47:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001666	Re-Slope:	1.000000
A1 (Gain):	0.184352	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999974	Status:	OK.
Std Error of Est:	0.000062		
Predicted MDL:	0.002913		
Predicted MQL:	0.009709		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00167	.000	1
S1	.02500	.02604	.001	4.17	.00739	.000	1
S2	3.7500	3.8421	.092	2.46	.72106	.002	1
S3	7.5000	7.5445	.045	.594	1.4147	.005	1
S4	15.000	14.932	-.068	-.456	2.7987	.005	1
S5	30.000	29.931	-.069	-.232	5.6081	.019	1

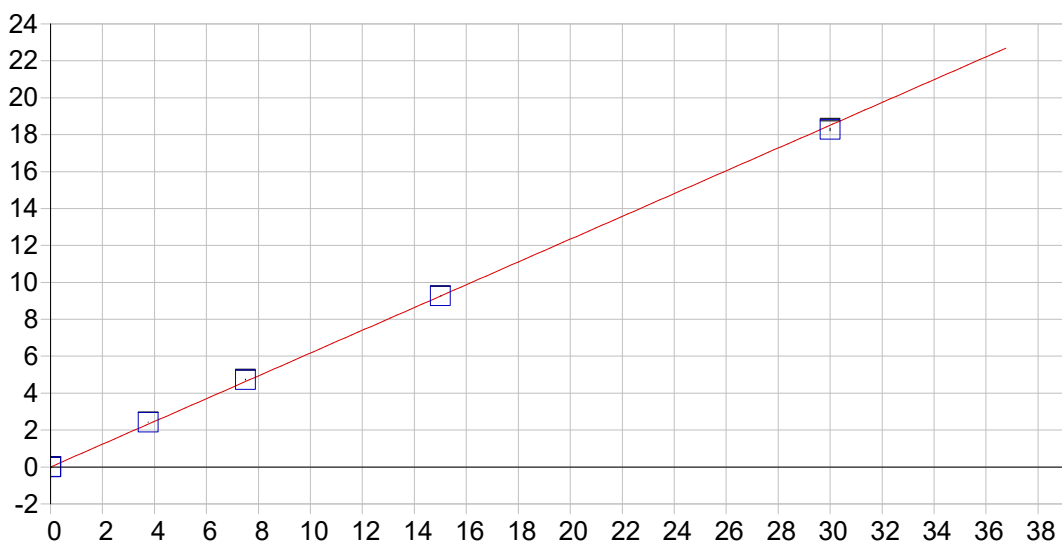


Fe 259.837 {130}

Date of Fit: 11/14/2019 13:51:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000139 Re-Slope: 1.000000
 A1 (Gain): 0.024875 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999907 Status: OK.
 Std Error of Est: 0.000148
 Predicted MDL: 0.009673
 Predicted MQL: 0.032243

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00014	.000	1
S1	.10000	.11290	.013	12.9	.00305	.000	1
S2	37.500	39.480	1.98	5.28	.98415	.001	1
S3	75.000	77.025	2.02	2.70	1.9200	.010	1
S4	150.00	150.30	.300	.200	3.7466	.002	1
S5	300.00	294.77	-5.23	-1.74	7.3481	.027	1
S6	800.00	800.91	.908	.114	19.948	.141	1

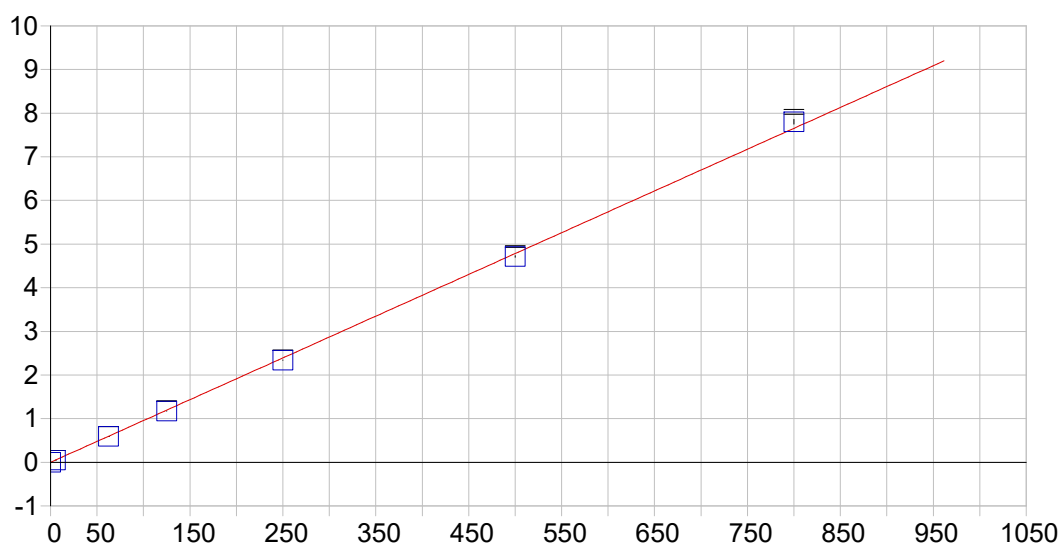


Mn 257.610 {131}

Date of Fit: 11/14/2019 13:47:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000178	Re-Slope:	1.000000
A1 (Gain):	0.617008	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999840	Status:	OK.
Std Error of Est:	0.000393		
Predicted MDL:	0.000449		
Predicted MQL:	0.001497		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00018	.000	1
S1	.01500	.01792	.003	19.5	.01124	.000	1
S2	3.7500	3.9323	.182	4.86	2.4264	.004	1
S3	7.5000	7.6718	.172	2.29	4.7337	.018	1
S4	15.000	15.016	.016	.110	9.2654	.003	1
S5	30.000	29.627	-.373	-1.24	18.280	.073	1

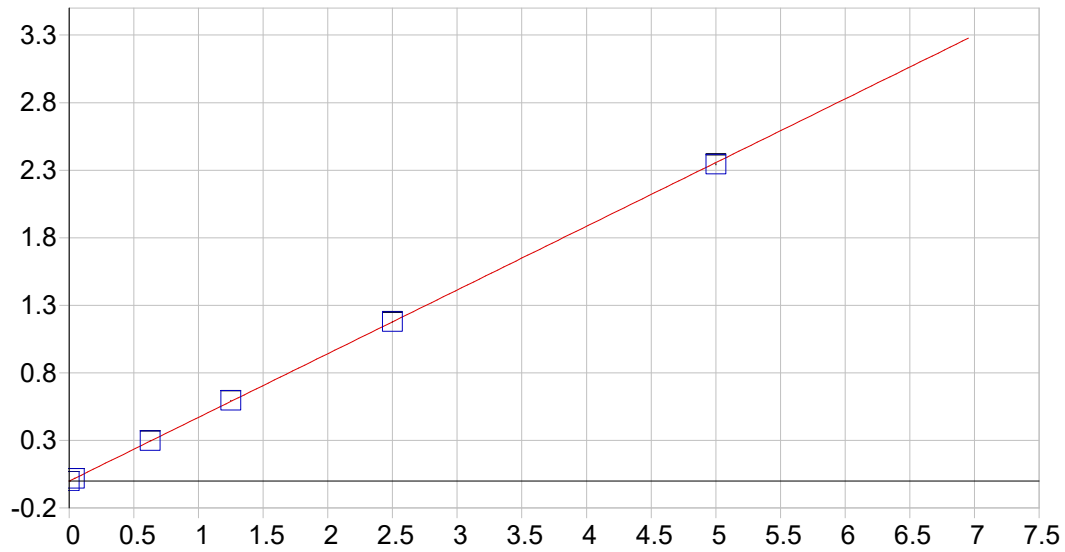


Mg 279.079 {121}

Date of Fit: 11/14/2019 13:51:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000409 Re-Slope: 1.000000
 A1 (Gain): 0.009567 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999828 Status: OK.
 Std Error of Est: 0.000619
 Predicted MDL: 0.030669
 Predicted MQL: 0.102231

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00009	-.000	.000	-.00041	.000	1
S1	5.0000	5.3238	.324	6.48	.05052	.000	1
S2	62.500	61.766	-.734	-1.17	.59049	.001	1
S3	125.00	122.68	-2.32	-1.85	1.1733	.002	1
S4	250.00	244.40	-5.60	-2.24	2.3377	.003	1
S5	500.00	492.87	-7.13	-1.43	4.7147	.018	1
S6	800.00	815.46	15.5	1.93	7.8009	.055	1

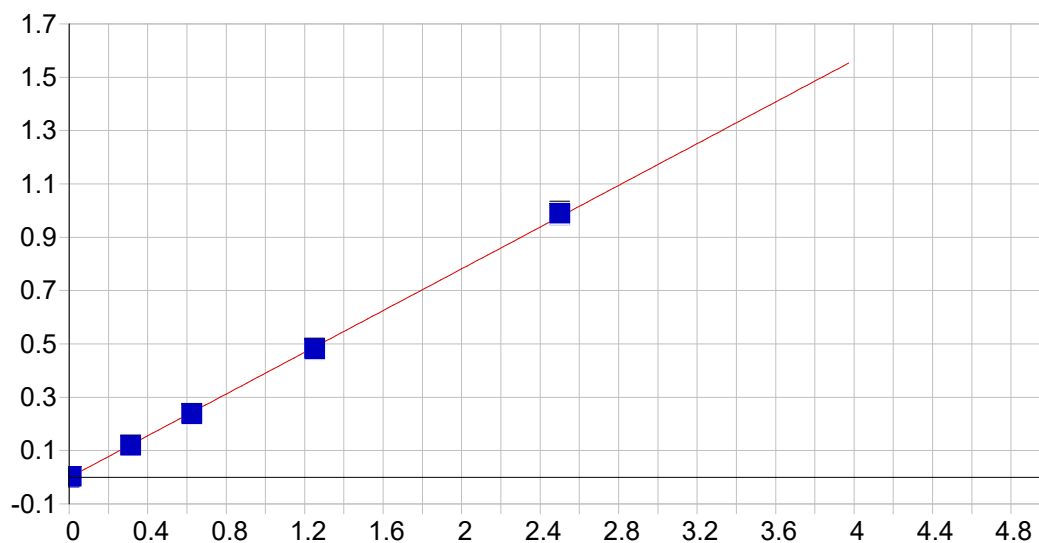


Ni 231.604 {446}

Date of Fit: 11/14/2019 13:47:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001293 Re-Slope: 1.000000
 A1 (Gain): 0.471470 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967 Status: OK.
 Std Error of Est: 0.000091
 Predicted MDL: 0.000410
 Predicted MQL: 0.001368

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00129	.000	1
S1	.04000	.04285	.003	7.12	.01891	.000	1
S2	.62500	.63301	.008	1.28	.29715	.001	1
S3	1.2500	1.2650	.015	1.20	.59511	.001	1
S4	2.5000	2.5001	.000	.006	1.1775	.002	1
S5	5.0000	4.9740	-.026	-.520	2.3438	.005	1

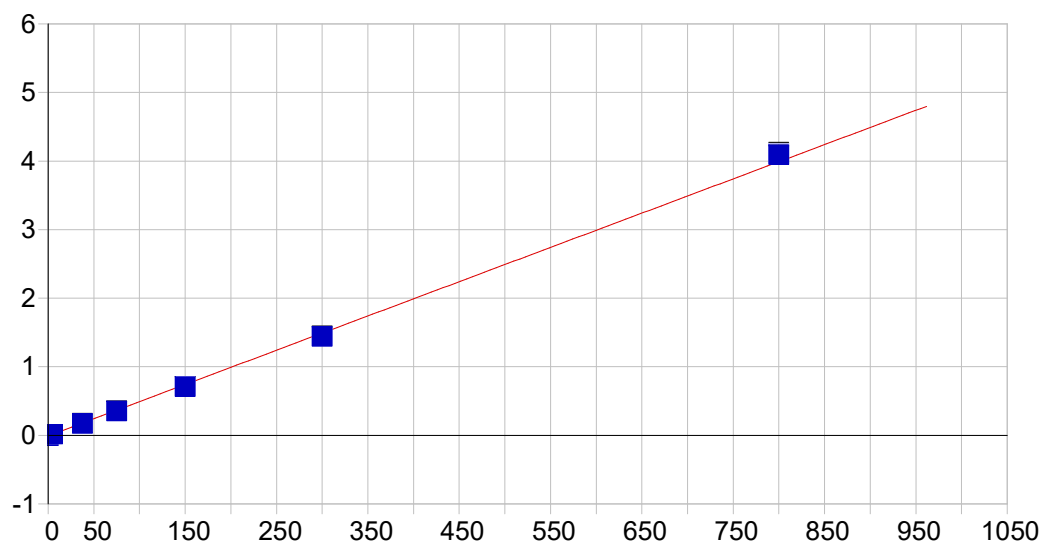


Ag 328.068 {103}

Date of Fit: 11/14/2019 13:47:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000825 Re-Slope: 1.000000
A1 (Gain): 0.391150 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999887 Status: OK.
Std Error of Est: 0.000049
Predicted MDL: 0.000437
Predicted MQL: 0.001457

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00083	.000	1
S1	.01000	.01066	.001	6.57	.00331	.000	1
S2	.31250	.30703	-.005	-1.75	.11822	.001	1
S3	.62500	.61225	-.013	-2.04	.23656	.001	1
S4	1.2500	1.2343	-.016	-1.26	.47778	.003	1
S5	2.5000	2.5333	.033	1.33	.98170	.008	1

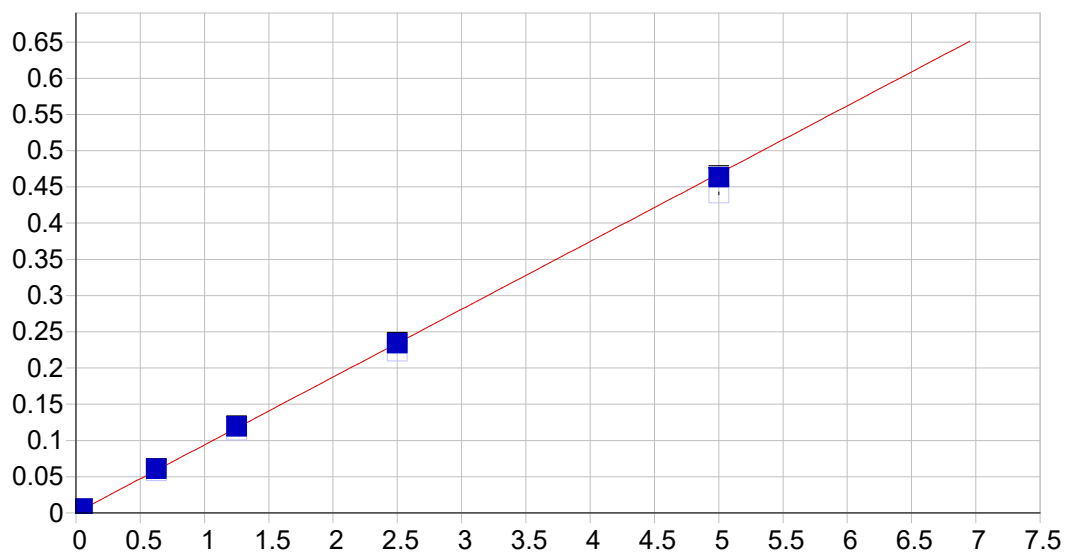


Na 818.326 { 41}

Date of Fit: 11/14/2019 13:51:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.008427	Re-Slope:	1.000000
A1 (Gain):	0.004998	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999515	Status:	OK.
Std Error of Est:	0.000484		
Predicted MDL:	0.301531		
Predicted MQL:	1.005104		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00017	.000	.000	-.00843	.000	1
S1	5.0000	5.4433	.443	8.87	.01878	.001	1
S2	37.500	36.196	-1.30	-3.48	.17332	.001	1
S3	75.000	72.281	-2.72	-3.62	.35451	.001	1
S4	150.00	143.69	-6.31	-4.21	.71307	.002	1
S5	300.00	289.47	-10.5	-3.51	1.4451	.005	1
S6	800.00	820.42	20.4	2.55	4.1099	.021	1

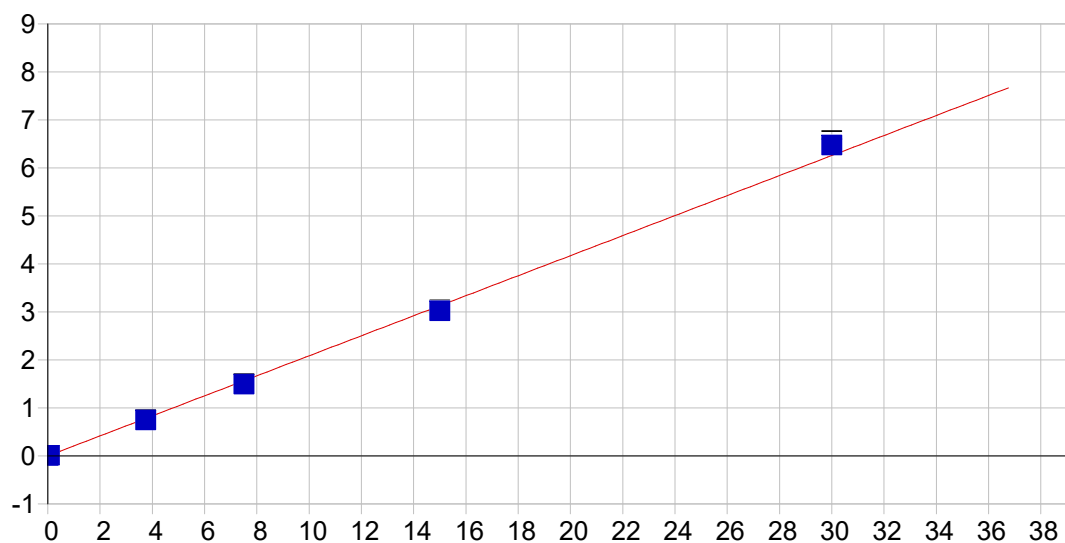


V 292.402 {115}

Date of Fit: 11/14/2019 13:47:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000279	Re-Slope:	1.000000
A1 (Gain):	0.093606	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999843	Status:	OK.
Std Error of Est:	0.000042		
Predicted MDL:	0.003582		
Predicted MQL:	0.011938		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00028	.000	1
S1	.05000	.05714	.007	14.3	.00562	.000	1
S2	.62500	.64618	.021	3.39	.05796	.000	1
S3	1.2500	1.2729	.023	1.83	.11382	.001	1
S4	2.5000	2.4993	-.001	-.029	.22301	.001	1
S5	5.0000	4.9491	-.051	-1.02	.44111	.002	1

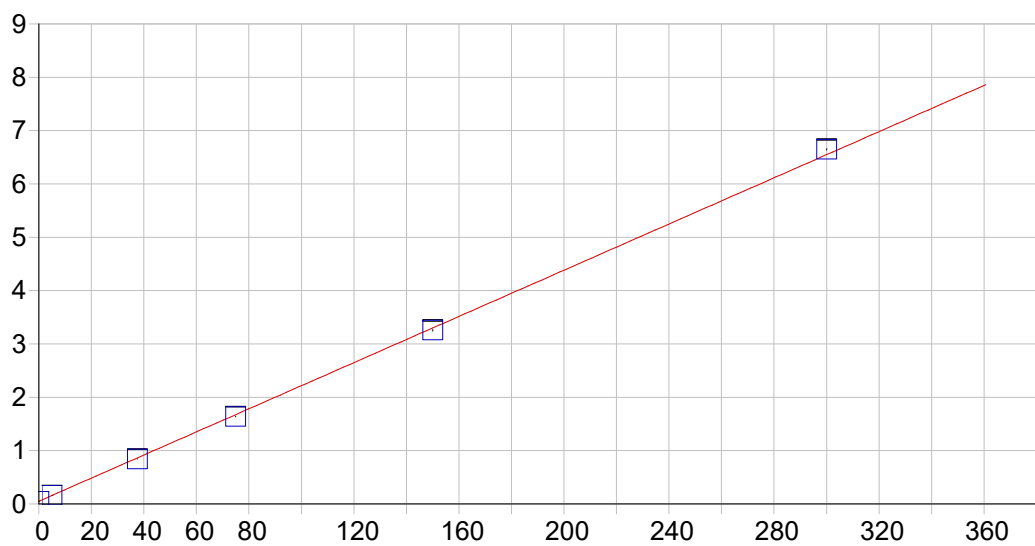


Zn 213.856 {158}

Date of Fit: 11/14/2019 13:47:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000039 Re-Slope: 1.000000
 A1 (Gain): 0.208596 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999315 Status: OK.
 Std Error of Est: 0.000550
 Predicted MDL: 0.002596
 Predicted MQL: 0.008652

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00004	.000	1
S1	.06000	.06782	.008	13.0	.01422	.000	1
S2	3.7500	3.5752	-.175	-4.66	.74709	.002	1
S3	7.5000	7.1514	-.349	-4.65	1.4943	.006	1
S4	15.000	14.492	-.508	-3.38	3.0282	.011	1
S5	30.000	31.023	1.02	3.41	6.4816	.084	1

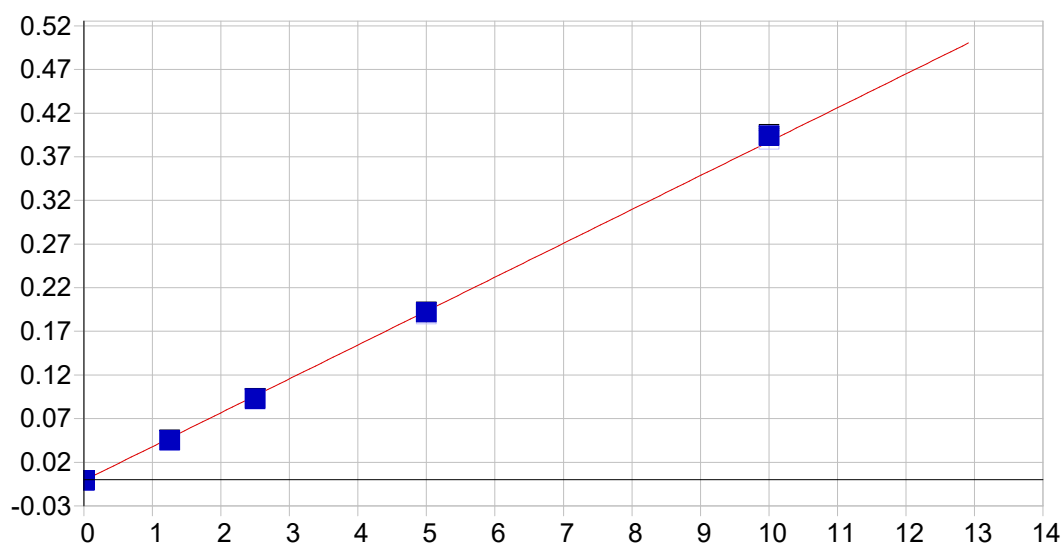


K 769.896 { 44}

Date of Fit: 11/14/2019 13:47:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.050489	Re-Slope:	1.000000
A1 (Gain):	0.021657	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999848	Status:	OK.
Std Error of Est:	0.000779		
Predicted MDL:	0.072660		
Predicted MQL:	0.242200		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00015	.000	.000	.05049	.001	1
S1	5.0000	5.0863	.086	1.73	.16064	.001	1
S2	37.500	36.519	-.981	-2.62	.84139	.003	1
S3	75.000	73.191	-1.81	-2.41	1.6356	.007	1
S4	150.00	147.98	-2.02	-1.35	3.2552	.013	1
S5	300.00	304.73	4.73	1.58	6.6499	.011	1

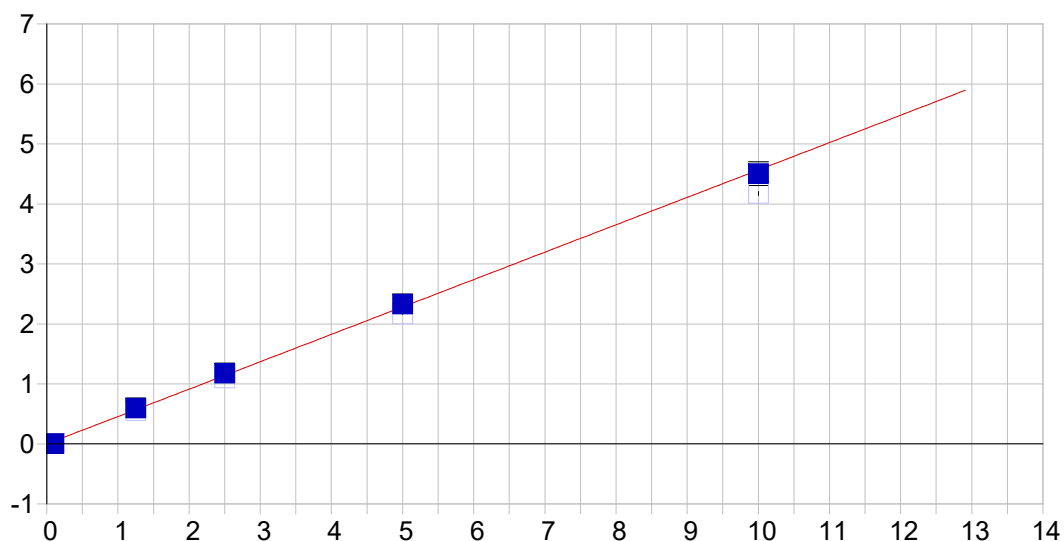


P 177.495 {490}

Date of Fit: 11/14/2019 13:47:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000917 Re-Slope: 1.000000
 A1 (Gain): 0.038818 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999754 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.002316
 Predicted MQL: 0.007720

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00092	.000	1
S1	.01000	.01008	.000	.824	-.00053	.000	1
S2	1.2500	1.1907	-.059	-4.74	.04476	.000	1
S3	2.5000	2.4177	-.082	-3.29	.09185	.000	1
S4	5.0000	4.9620	-.038	-.761	.18952	.000	1
S5	10.000	10.180	.180	1.80	.38988	.001	1

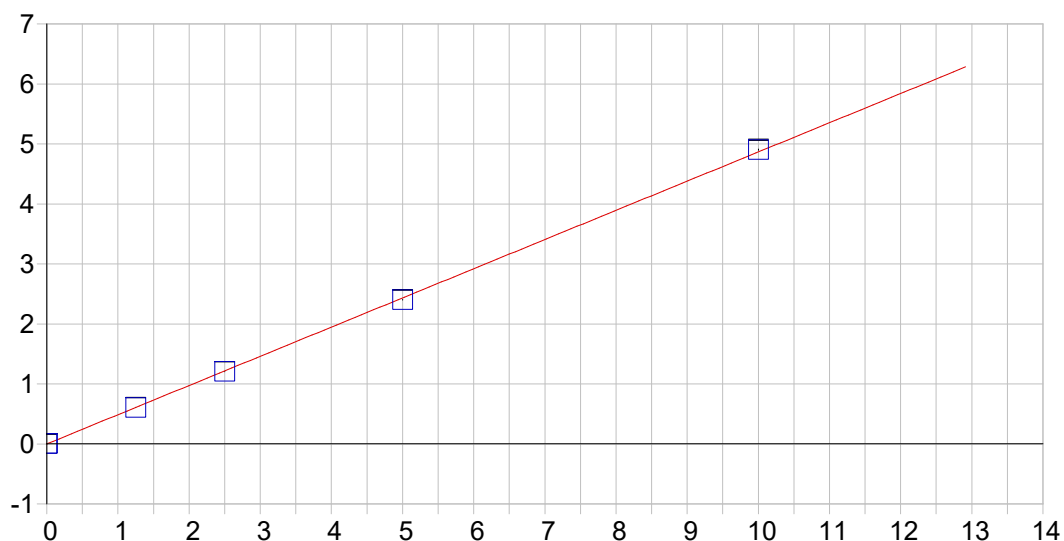


B 249.678 {135}

Date of Fit: 11/14/2019 13:47:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000403	Re-Slope:	1.000000
A1 (Gain):	0.456594	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997321	Status:	OK.
Std Error of Est:	0.001651		
Predicted MDL:	0.001002		
Predicted MQL:	0.003339		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	-.00037	.000	1
S1	.10000	.01115	-.089	-88.9	.00460	.000	1
S2	1.2500	1.3038	.054	4.30	.55346	.007	1
S3	2.5000	2.5777	.078	3.11	1.0937	.005	1
S4	5.0000	5.0953	.095	1.91	2.1604	.005	1
S5	10.000	9.8688	-.131	-1.31	4.1743	.032	1

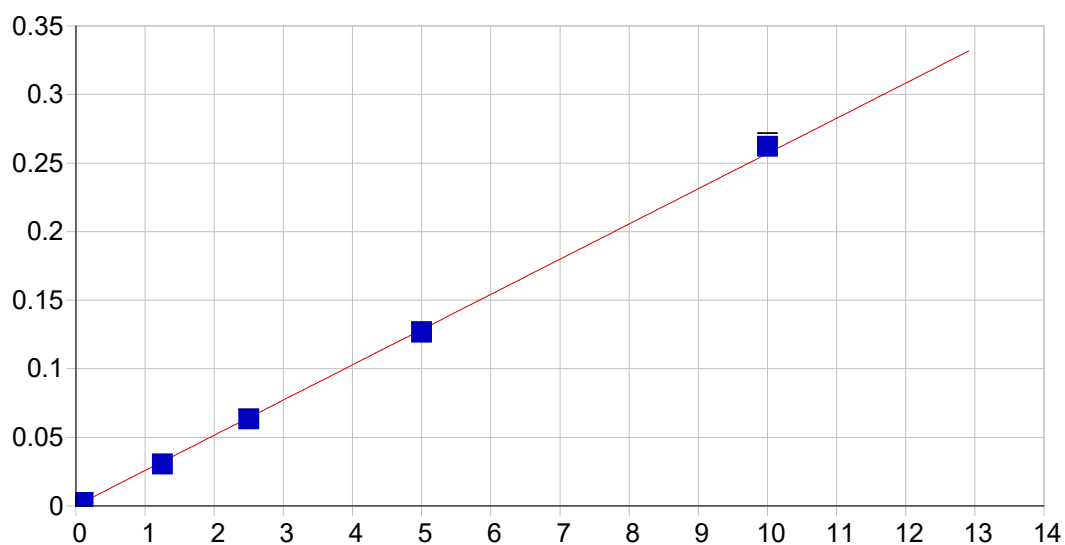


Mo 202.030 {467}

Date of Fit: 11/14/2019 13:47:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000079	Re-Slope:	1.000000
A1 (Gain):	0.486594	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999959	Status:	OK.
Std Error of Est:	0.000074		
Predicted MDL:	0.000308		
Predicted MQL:	0.001028		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00008	.000	1
S1	.01000	.01091	.001	9.15	.00539	.000	1
S2	1.2500	1.2493	-.001	-.053	.60800	.001	1
S3	2.5000	2.4803	-.020	-.789	1.2070	.003	1
S4	5.0000	4.9413	-.059	-1.17	2.4045	.006	1
S5	10.000	10.078	.078	.782	4.9041	.013	1

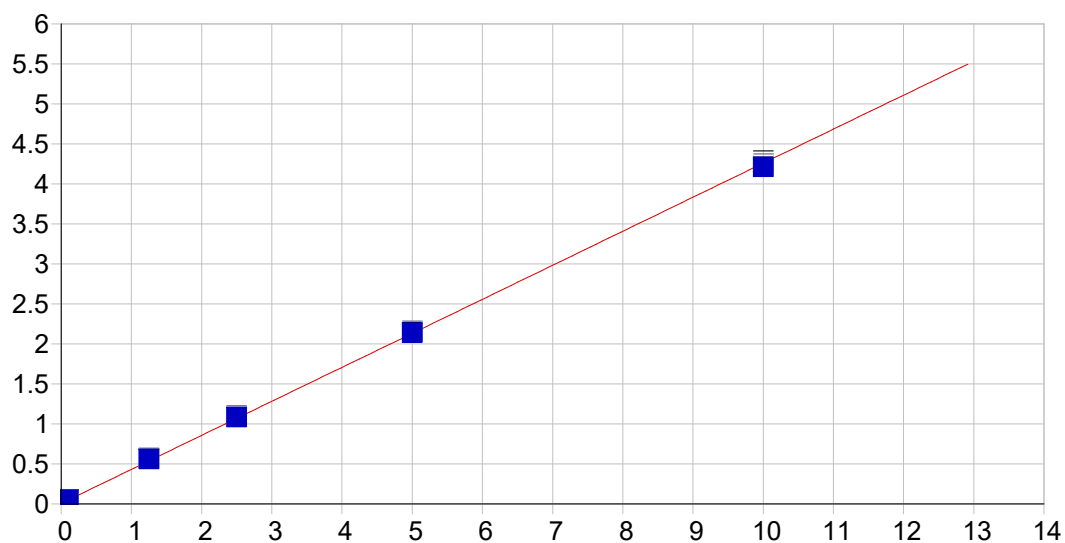


S 182.034 {485}

Date of Fit: 11/14/2019 13:47:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000178	Re-Slope:	1.000000
A1 (Gain):	0.025675	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999712	Status:	OK.
Std Error of Est:	0.000033		
Predicted MDL:	0.003772		
Predicted MQL:	0.012573		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00018	.000	1
S1	.10000	.09196	-.008	-8.04	.00254	.000	1
S2	1.2500	1.1787	-.071	-5.71	.03051	.000	1
S3	2.5000	2.4554	-.045	-1.79	.06335	.000	1
S4	5.0000	4.9205	-.079	-1.59	.12678	.000	1
S5	10.000	10.203	.203	2.03	.26269	.002	1

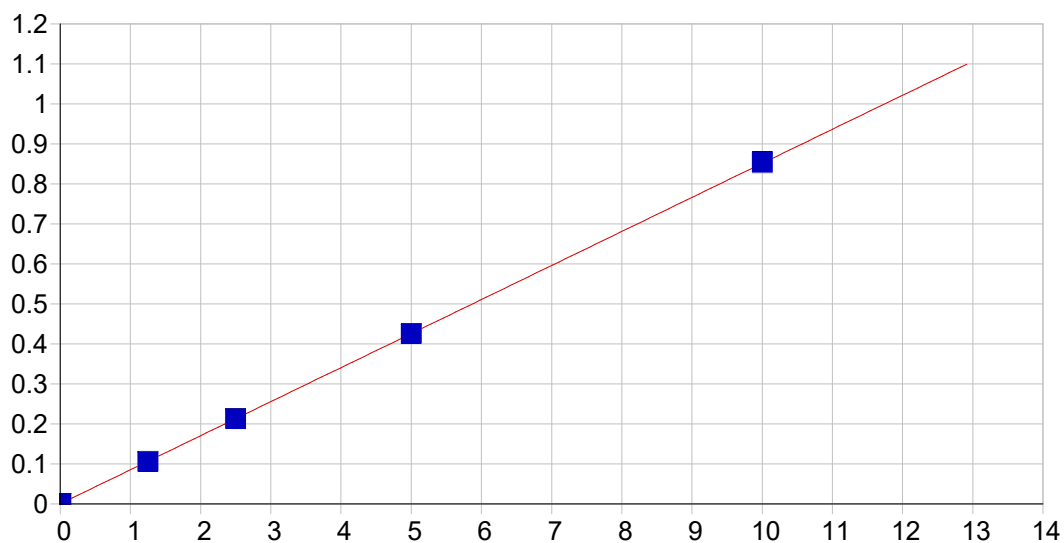


Si 251.611 {134}

Date of Fit: 11/14/2019 13:47:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005818 Re-Slope: 1.000000
 A1 (Gain): 0.425287 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999893 Status: OK.
 Std Error of Est: 0.000334
 Predicted MDL: 0.001088
 Predicted MQL: 0.003625

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00581	.001	1
S1	.10000	.10437	.004	4.37	.05036	.000	1
S2	1.2500	1.3026	.053	4.21	.56449	.007	1
S3	2.5000	2.5340	.034	1.36	1.0929	.006	1
S4	5.0000	5.0177	.018	.353	2.1586	.003	1
S5	10.000	9.8914	-.109	-1.09	4.2501	.038	1

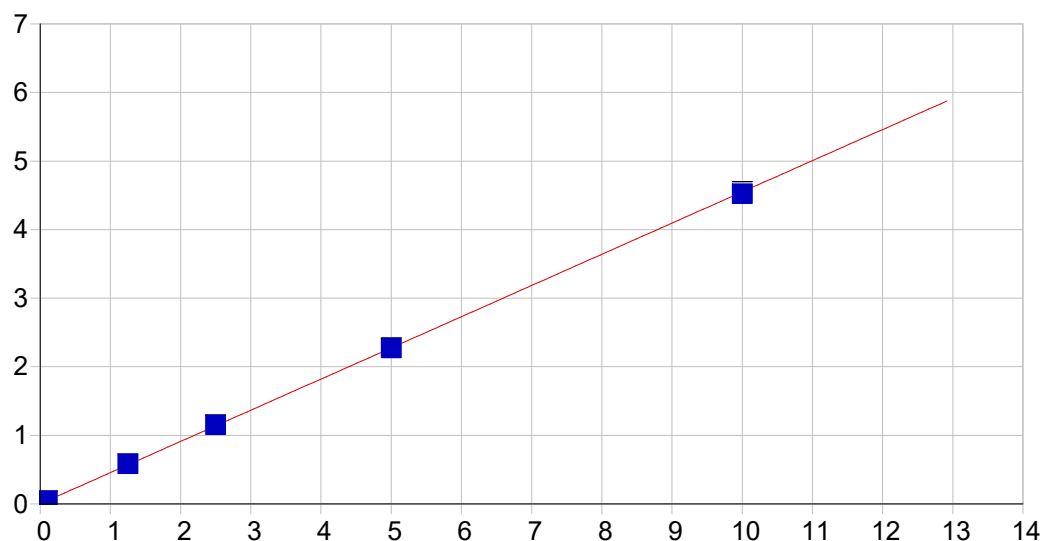


Sn 189.989 {478}

Date of Fit: 11/14/2019 13:47:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000215 Re-Slope: 1.000000
 A1 (Gain): 0.085117 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999990 Status: OK.
 Std Error of Est: 0.000005
 Predicted MDL: 0.001019
 Predicted MQL: 0.003398

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00022	.000	1
S1	.00700	.00580	-.001	-17.1	.00069	.000	1
S2	1.2500	1.2383	-.012	-.937	.10539	.000	1
S3	2.5000	2.4971	-.003	-.116	.21232	.000	1
S4	5.0000	4.9942	-.006	-.116	.42443	.000	1
S5	10.000	10.022	.022	.216	.85146	.003	1

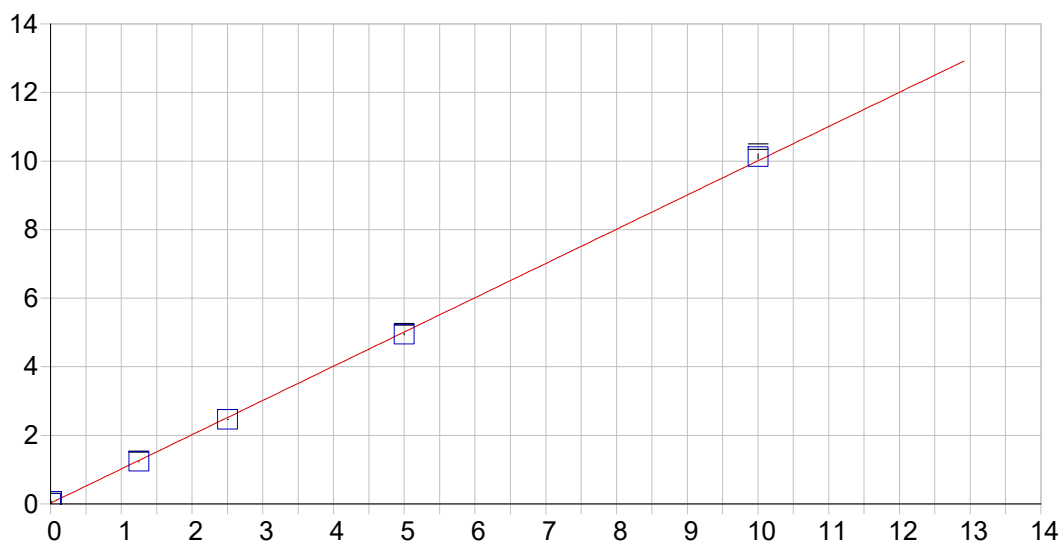


Ti 336.121 {100}

Date of Fit: 11/14/2019 13:47:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001323	Re-Slope:	1.000000
A1 (Gain):	0.454855	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999965	Status:	OK.
Std Error of Est:	0.000202		
Predicted MDL:	0.001308		
Predicted MQL:	0.004359		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00132	.000	1
S1	.10000	.10287	.003	2.87	.04810	.001	1
S2	1.2500	1.2770	.027	2.16	.58199	.002	1
S3	2.5000	2.5287	.029	1.15	1.1511	.005	1
S4	5.0000	4.9984	-.002	-.032	2.2741	.001	1
S5	10.000	9.9430	-.057	-.570	4.5224	.031	1

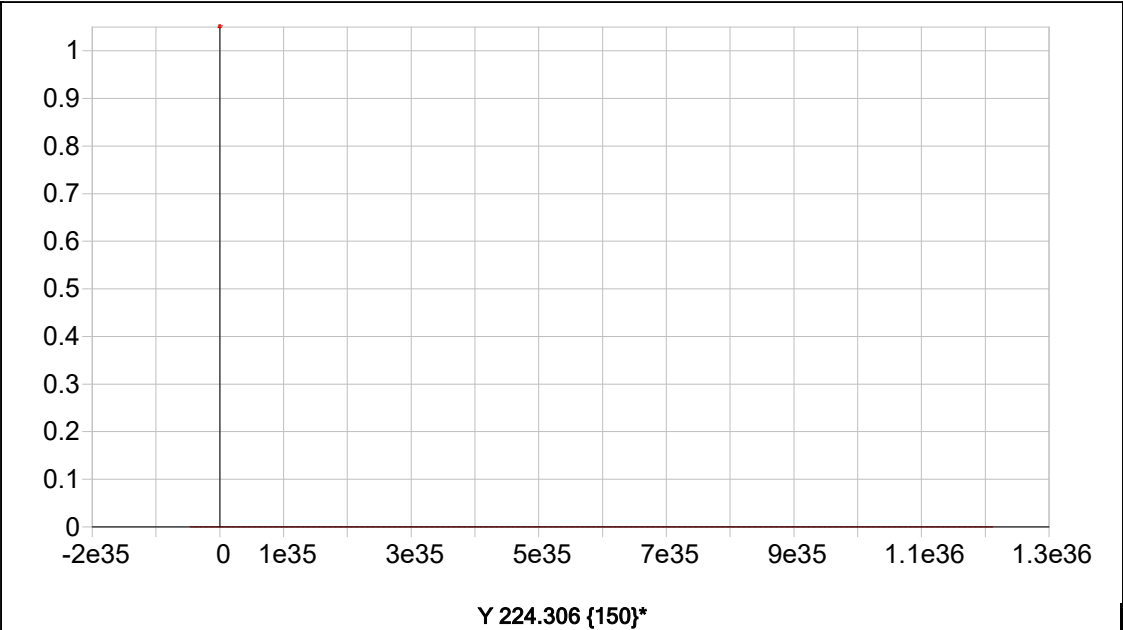


Li 670.784 { 50}

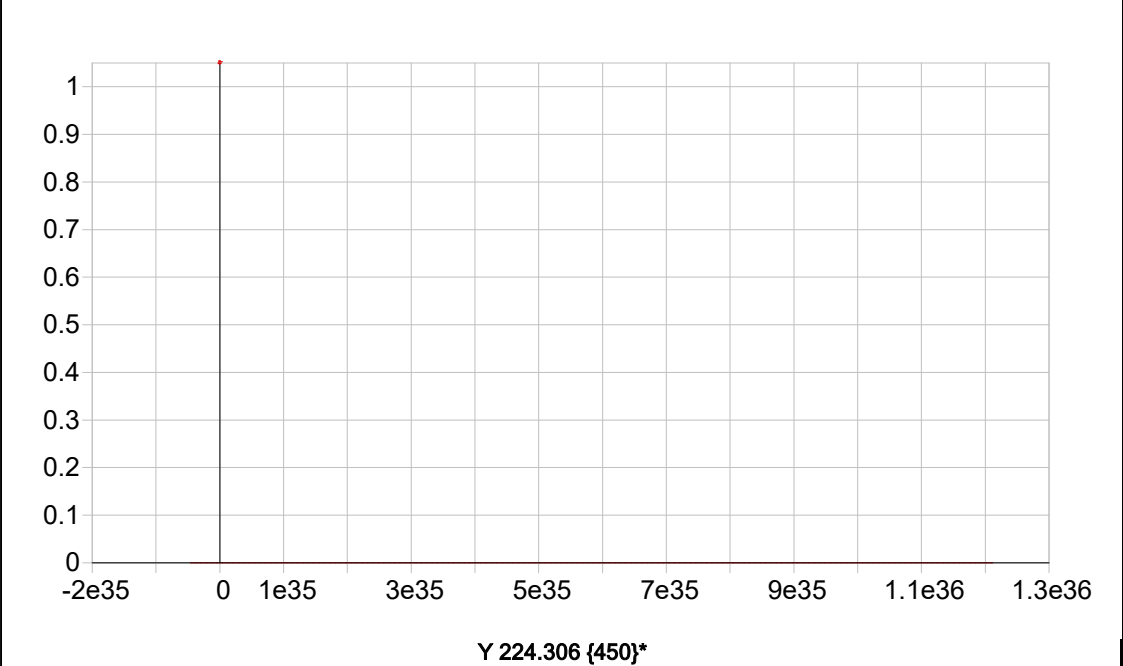
Date of Fit: 11/14/2019 13:47:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.021346 Re-Slope: 1.000000
 A1 (Gain): 0.998660 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997849 Status: OK.
 Std Error of Est: 0.001347
 Predicted MDL: 0.001869
 Predicted MQL: 0.006229

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.02131	.001	1
S5	10.000	10.120	.120	1.20	10.128	.080	1
S4	5.0000	4.9340	-.066	-1.32	4.9488	.025	1
S3	2.5000	2.4451	-.055	-2.19	2.4632	.002	1
S2	1.2500	1.2171	-.033	-2.63	1.2368	.010	1
S1	.01500	.04888	.034	226.	.07016	.000	1



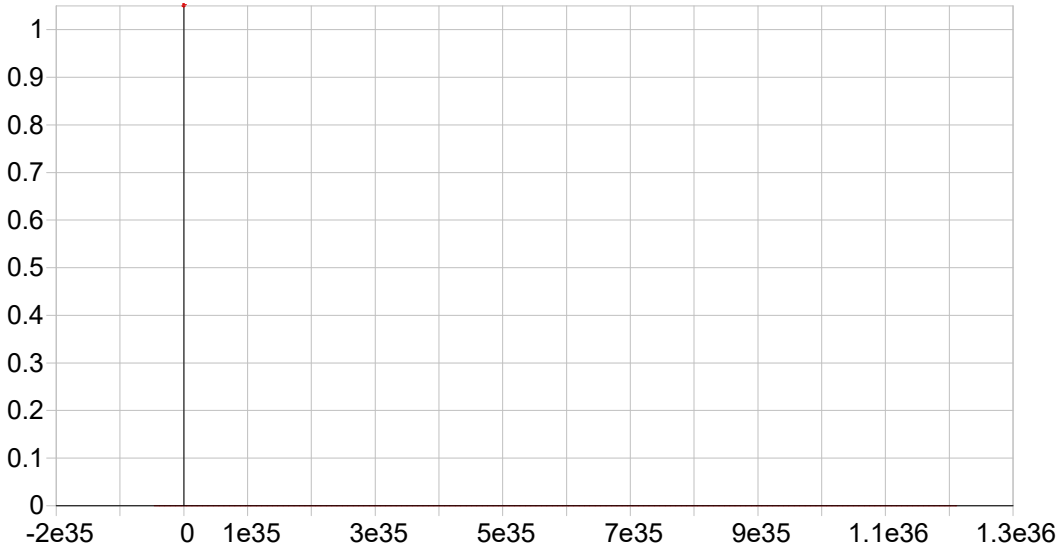
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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A2 (Curvature):0.000000
n (Exponent):1.000000
Correlation:0.000000
Std Error of Est:0.000000
Predicted MDL:n/a
Predicted MQL:n/a

Status:WarningZero Gain

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Y 360.073 { 94}*

Date of Fit:<not fit>

Type of Fit:Linear

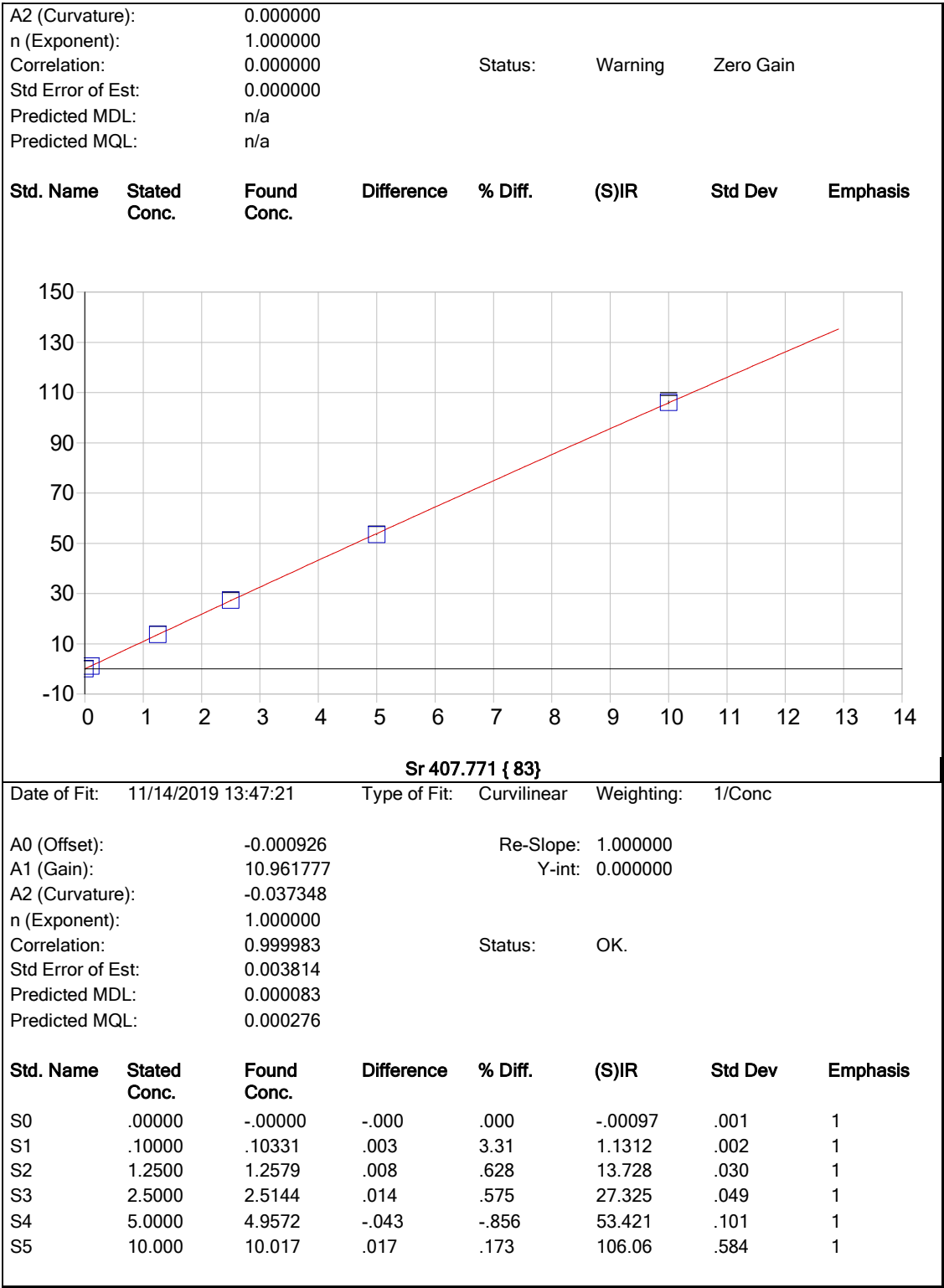
Weighting:1/Conc

A0 (Offset):0.000000
A1 (Gain):0.000000
A2 (Curvature):0.000000
n (Exponent):1.000000
Correlation:0.000000
Std Error of Est:0.000000
Predicted MDL:n/a
Predicted MQL:n/a

Re-Slope: 1.000000
Y-int: 0.000000

Status:WarningZero Gain

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Sample Name: S0 Acquired: 11/14/2019 13:23:35 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) 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	-.00004	-.00024	.00016	.00056	.00012	.00394	.01783	-.00075
Stddev	.00001	.00014	.00049	.00012	.00016	.00068	.00026	.00031
%RSD	32.803	58.784	308.48	21.824	134.63	17.265	1.4413	41.687

#1	-.00004	-.00038	.00065	.00043	.00008	.00338	.01756	-.00067
#2	-.00005	-.00010	-.00032	.00067	.00030	.00469	.01786	-.00048
#3	-.00003	-.00023	.00014	.00060	-.00001	.00375	.01808	-.00109

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	-.00010	.00030	-.00004	.00026	.00167	.00014	.00018	-.00041
Stddev	.00014	.00022	.00004	.00018	.00036	.00007	.00027	.00031
%RSD	137.28	73.338	100.94	68.470	21.506	50.090	153.00	76.662

#1	-.00010	.00030	.00000	.00036	.00167	.00015	.00034	-.00038
#2	-.00024	.00053	-.00007	.00005	.00202	.00007	-.00013	-.00011
#3	.00004	.00008	-.00004	.00037	.00131	.00020	.00032	-.00074

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00129	-.00083	-.00843	.00028	.00004	.05049	-.00092	-.00037
Stddev	.00024	.00013	.00039	.00020	.00038	.00135	.00008	.00015
%RSD	18.743	15.153	4.6078	72.032	983.42	2.6767	9.2272	40.824

#1	-.00114	-.00071	-.00803	.00007	.00037	.04978	-.00099	-.00021
#2	-.00157	-.00096	-.00844	.00047	-.00037	.04964	-.00094	-.00051
#3	-.00117	-.00081	-.00881	.00030	.00011	.05205	-.00082	-.00037

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	.00008	.00018	.00581	.00022	.00132	.02131	-.00097	
Stddev	.00012	.00014	.00060	.00009	.00027	.00136	.00084	
%RSD	154.83	78.917	10.312	41.816	20.660	6.3668	86.753	

#1	.00017	.00027	.00549	.00032	.00139	.02056	-.00087	
#2	.00012	.00025	.00545	.00018	.00155	.02288	-.00018	
#3	-.00006	.00002	.00651	.00015	.00102	.02050	-.00185	

Sample Name: S0 Acquired: 11/14/2019 13:23:35 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1960.8	4105.9	43046.	7391.0	4814.5
Stddev	1.5	8.0	59.	12.5	8.4
%RSD	.07880	.19388	.13671	.16976	.17541
#1	1962.4	4099.5	43080.	7403.9	4806.2
#2	1960.8	4114.8	42978.	7378.8	4823.1
#3	1959.3	4103.5	43079.	7390.4	4814.1

Sample Name: S1 Acquired: 11/14/2019 13:27:42 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00031	.00140	.00230	.00213	.00746	.01819	.65880	.02403
Stddev	.00013	.00007	.00029	.00011	.00024	.00056	.00253	.00060
%RSD	43.465	4.8762	12.793	4.9616	3.2658	3.0934	.38384	2.5065
#1	.00046	.00132	.00256	.00221	.00735	.01758	.66172	.02472
#2	.00028	.00145	.00198	.00217	.00729	.01868	.65745	.02362
#3	.00020	.00144	.00235	.00201	.00774	.01831	.65724	.02375
Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01537	.37163	.00187	.04444	.00739	.00305	.01124	.05052
Stddev	.00020	.00273	.00002	.00010	.00019	.00018	.00036	.00015
%RSD	1.3153	.73419	.86017	.22789	2.5395	6.0349	3.1865	.30470
#1	.01527	.37108	.00186	.04444	.00745	.00323	.01154	.05069
#2	.01524	.37459	.00189	.04434	.00718	.00306	.01084	.05039
#3	.01561	.36922	.00187	.04454	.00754	.00286	.01132	.05049
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	.01891	.00331	.01878	.00562	.01422	.16064	-.00053	.00460
Stddev	.00030	.00006	.00066	.00027	.00047	.00087	.00008	.00008
%RSD	1.5862	1.9503	3.5298	4.8294	3.3054	.54257	15.876	1.8301
#1	.01913	.00328	.01954	.00534	.01374	.16132	-.00052	.00455
#2	.01857	.00339	.01833	.00563	.01468	.15966	-.00061	.00455
#3	.01902	.00327	.01847	.00588	.01424	.16094	-.00045	.00469
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	.00539	.00254	.05036	.00069	.04810	.07016	1.1312	
Stddev	.00011	.00007	.00018	.00005	.00072	.00020	.0017	
%RSD	2.0989	2.7003	.35364	7.0989	1.5068	.28334	.15102	
#1	.00529	.00262	.05056	.00067	.04797	.07028	1.1328	
#2	.00551	.00251	.05028	.00066	.04888	.07028	1.1313	
#3	.00536	.00249	.05024	.00075	.04745	.06993	1.1294	

Sample Name: S1 Acquired: 11/14/2019 13:27:42 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1971.9	4098.2	43153.	7473.2	4770.4
Stddev	3.8	5.1	168.	23.6	4.7
%RSD	.19107	.12388	.38949	.31544	.09880
#1	1973.3	4093.0	43225.	7483.0	4766.5
#2	1967.6	4103.2	42961.	7490.4	4775.6
#3	1974.7	4098.5	43273.	7446.4	4769.0

Sample Name: S2 Acquired: 11/14/2019 13:31:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) 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	.04258	.07725	1.2354	.05963	.14413	2.7164	7.6239	.56463
Stddev	.00027	.00021	.0029	.00028	.00070	.0025	.0188	.00589
%RSD	.63936	.26724	.23726	.47553	.48555	.09314	.24647	1.0429

#1	.04287	.07701	1.2322	.05989	.14376	2.7171	7.6443	.56868
#2	.04252	.07740	1.2360	.05932	.14369	2.7185	7.6201	.56734
#3	.04233	.07734	1.2380	.05968	.14493	2.7136	7.6073	.55788

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	1.8530	4.2870	.63803	.53610	.72106	.98415	2.4264	.59049
Stddev	.0023	.0100	.00172	.00053	.00158	.00127	.0045	.00085
%RSD	.12221	.23227	.26933	.09838	.21859	.12880	.18431	.14352

#1	1.8507	4.2984	.63654	.53583	.72153	.98532	2.4229	.59063
#2	1.8530	4.2804	.63766	.53575	.72234	.98280	2.4249	.58958
#3	1.8552	4.2821	.63991	.53670	.71930	.98434	2.4315	.59126

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	.29715	.11822	.17332	.05796	.74709	.84139	.04476	.55346
Stddev	.00070	.00113	.00089	.00010	.00162	.00296	.00017	.00651
%RSD	.23704	.95613	.51387	.17056	.21664	.35224	.36871	1.1771

#1	.29654	.11907	.17365	.05807	.74528	.83870	.04493	.55747
#2	.29701	.11866	.17400	.05787	.74759	.84456	.04460	.55697
#3	.29792	.11694	.17231	.05794	.74840	.84089	.04474	.54594

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	.60800	.03051	.56449	.10539	.58199	1.2368	13.728
Stddev	.00145	.00012	.00683	.00043	.00176	.0101	.030
%RSD	.23780	.39031	1.2092	.40448	.30267	.82093	.21600

#1	.60903	.03045	.56894	.10490	.58352	1.2473	13.752
#2	.60635	.03064	.56790	.10560	.58238	1.2362	13.737
#3	.60862	.03043	.55663	.10568	.58006	1.2270	13.695

Sample Name: S2 Acquired: 11/14/2019 13:31:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1891.1	3934.1	42096.	7498.0	4362.4
Stddev	4.7	7.9	64.	31.5	6.7
%RSD	.24874	.20014	.15105	.41995	.15401
#1	1886.6	3935.4	42130.	7474.3	4369.8
#2	1890.7	3941.3	42023.	7486.0	4360.9
#3	1896.0	3925.7	42135.	7533.7	4356.6

Sample Name: S3 Acquired: 11/14/2019 13:35:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) 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	.08522	.15261	2.4732	.11795	.28706	5.4474	15.168	1.1062
Stddev	.00035	.00063	.0042	.00024	.00023	.0149	.012	.0034
%RSD	.40953	.41329	.16837	.20065	.08115	.27349	.07606	.30370

#1	.08498	.15216	2.4706	.11768	.28681	5.4332	15.181	1.1034
#2	.08507	.15235	2.4710	.11813	.28709	5.4629	15.162	1.1052
#3	.08562	.15333	2.4780	.11803	.28727	5.4460	15.160	1.1099

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.7009	8.4475	1.2517	1.0760	1.4147	1.9200	4.7337	1.1733
Stddev	.0007	.0095	.0014	.0006	.0046	.0098	.0182	.0018
%RSD	.01857	.11213	.11608	.05643	.32332	.50992	.38447	.15295

#1	3.7001	8.4554	1.2502	1.0764	1.4127	1.9281	4.7529	1.1740
#2	3.7012	8.4500	1.2530	1.0753	1.4199	1.9228	4.7316	1.1746
#3	3.7013	8.4370	1.2520	1.0762	1.4114	1.9091	4.7167	1.1712

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	.59511	.23656	.35451	.11382	1.4943	1.6356	.09185	1.0937
Stddev	.00059	.00096	.00057	.00071	.0056	.0065	.00010	.0045
%RSD	.09982	.40759	.16105	.61949	.37227	.39921	.11341	.41510

#1	.59444	.23720	.35477	.11447	1.4983	1.6341	.09196	1.0895
#2	.59531	.23545	.35491	.11392	1.4880	1.6427	.09176	1.0932
#3	.59558	.23704	.35386	.11307	1.4968	1.6299	.09183	1.0985

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	1.2070	.06335	1.0929	.21232	1.1511	2.4632	27.325	
Stddev	.0031	.00042	.0058	.00035	.0051	.0022	.049	
%RSD	.25562	.66763	.53134	.16515	.44537	.08917	.18095	

#1	1.2070	.06342	1.0880	.21262	1.1457	2.4608	27.314	
#2	1.2039	.06290	1.0913	.21194	1.1559	2.4652	27.379	
#3	1.2100	.06374	1.0993	.21240	1.1517	2.4636	27.282	

Sample Name: S3 Acquired: 11/14/2019 13:35:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1825.4	3792.5	41343.	7419.8	4131.5
Stddev	13.4	9.3	72.	22.5	8.1
%RSD	.73339	.24392	.17375	.30295	.19497
#1	1811.5	3796.7	41263.	7444.5	4137.0
#2	1838.2	3798.8	41402.	7400.5	4135.3
#3	1826.5	3781.9	41364.	7414.4	4122.2

Sample Name: S5 Acquired: 11/14/2019 13:43:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) 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	.35918	.58216	9.9569	.47520	1.2169	22.372	59.142	4.3168
Stddev	.00185	.00251	.0349	.00271	.0032	.093	.676	.0406
%RSD	.51415	.43068	.35065	.56923	.26172	.41536	1.1424	.94172

#1	.35922	.58345	9.9601	.47651	1.2141	22.406	59.372	4.3602
#2	.35731	.57927	9.9205	.47209	1.2162	22.443	58.381	4.3105
#3	.36100	.58376	9.9901	.47700	1.2203	22.267	59.672	4.2797

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	14.498	33.196	4.8010	4.2871	5.6081	7.3481	18.280	4.7147
Stddev	.059	.132	.0086	.0111	.0187	.0266	.073	.0176
%RSD	.40874	.39830	.18013	.25927	.33402	.36194	.39829	.37433

#1	14.523	33.062	4.8001	4.2846	5.6083	7.3264	18.197	4.6979
#2	14.431	33.326	4.8100	4.2775	5.6267	7.3402	18.331	4.7131
#3	14.541	33.200	4.7928	4.2993	5.5893	7.3778	18.312	4.7331

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.3438	.98170	1.4451	.44111	6.4816	6.6499	.38988	4.1743
Stddev	.0049	.00783	.0051	.00208	.0837	.0115	.00132	.0321
%RSD	.20707	.79721	.35086	.47261	1.2906	.17256	.33855	.76828

#1	2.3434	.98752	1.4393	.43897	6.4926	6.6631	.38995	4.2105
#2	2.3392	.98477	1.4487	.44124	6.5592	6.6446	.38853	4.1626
#3	2.3489	.97280	1.4472	.44313	6.3930	6.6421	.39117	4.1497

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	4.9041	.26269	4.2501	.85146	4.5224	10.128	106.06
Stddev	.0127	.00211	.0385	.00255	.0313	.080	.58
%RSD	.25987	.80428	.90580	.30006	.69260	.78555	.55033

#1	4.9021	.26406	4.2909	.85202	4.5294	10.109	106.62
#2	4.8924	.26026	4.2451	.84868	4.5496	10.215	105.46
#3	4.9177	.26376	4.2144	.85369	4.4882	10.059	106.10

Sample Name: S5 Acquired: 11/14/2019 13:43:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1554.3	3330.3	38323.	7170.5	3585.2
Stddev	10.9	7.4	136.	43.4	9.1
%RSD	.70444	.22114	.35613	.60570	.25419
#1	1544.0	3332.2	38270.	7134.9	3585.3
#2	1553.1	3336.5	38221.	7218.9	3594.3
#3	1565.8	3322.2	38478.	7157.7	3576.1

Sample Name: S4 Acquired: 11/14/2019 13:39:29 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) 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	.17196	.29876	4.9468	.23308	.58053	10.987	30.048	2.1850
Stddev	.00062	.00100	.0109	.00016	.00090	.008	.084	.0047
%RSD	.35820	.33348	.21944	.06890	.15517	.07625	.27848	.21505

#1	.17127	.29764	4.9565	.23322	.57950	10.980	29.994	2.1860
#2	.17215	.29912	4.9351	.23290	.58114	10.984	30.005	2.1891
#3	.17246	.29953	4.9489	.23312	.58096	10.996	30.144	2.1799

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.3112	16.744	2.4516	2.1375	2.7987	3.7466	9.2654	2.3377
Stddev	.0103	.054	.0018	.0025	.0050	.0020	.0028	.0026
%RSD	.14113	.32412	.07226	.11654	.18038	.05412	.02987	.11226

#1	7.3217	16.726	2.4522	2.1386	2.8006	3.7489	9.2632	2.3360
#2	7.3011	16.701	2.4530	2.1346	2.8025	3.7451	9.2646	2.3364
#3	7.3109	16.805	2.4496	2.1392	2.7930	3.7458	9.2685	2.3407

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	1.1775	.47778	.71307	.22301	3.0282	3.2552	.18952	2.1604
Stddev	.0024	.00263	.00179	.00116	.0112	.0128	.00030	.0051
%RSD	.20479	.54971	.25040	.51958	.37038	.39373	.15873	.23671

#1	1.1787	.47503	.71175	.22227	3.0158	3.2690	.18980	2.1581
#2	1.1747	.48026	.71236	.22241	3.0313	3.2437	.18921	2.1662
#3	1.1790	.47804	.71511	.22434	3.0376	3.2529	.18956	2.1568

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	2.4045	.12678	2.1586	.42443	2.2741	4.9488	53.421
Stddev	.0062	.00047	.0032	.00045	.0009	.0248	.101
%RSD	.25593	.37007	.14839	.10601	.04008	.50143	.18883

#1	2.3976	.12732	2.1583	.42493	2.2742	4.9299	53.533
#2	2.4064	.12654	2.1619	.42427	2.2749	4.9395	53.391
#3	2.4094	.12648	2.1555	.42408	2.2731	4.9769	53.338

Sample Name: S4 Acquired: 11/14/2019 13:39:29 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1716.2	3599.6	39968.	7258.0	3868.7
Stddev	6.3	9.3	146.	26.6	5.9
%RSD	.36562	.25721	.36581	.36660	.15247
#1	1723.1	3607.5	40120.	7243.5	3867.2
#2	1710.9	3601.9	39829.	7241.9	3875.3
#3	1714.6	3589.4	39955.	7288.7	3863.8

Sample Name: ICV Acquired: 11/14/2019 14:28:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) 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	.9670937	1.063250	.9835889	1.024926	.9594535	2.294793
Stddev	.0048831	.008149	.0035157	.002234	.0010727	.014241
%RSD	.5049283	.7664506	.3574398	.2180126	.1118049	.6205968

#1	.9723236	1.064753	.9843544	1.025849	.9587614	2.283861
#2	.9626536	1.054454	.9797535	1.022378	.9589099	2.310898
#3	.9663038	1.070544	.9866589	1.026551	.9606892	2.289620

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5148895	.5112409	.5029775	10.38837	.5322393	.4949240
Stddev	.0012646	.0020709	.0009353	.04480	.0024613	.0011041
%RSD	.2456147	.4050685	.1859455	.4312634	.4624449	.2230742

#1	.5162404	.5089654	.5029081	10.42451	.5347187	.4949162
#2	.5146944	.5130150	.5020789	10.33824	.5297965	.4938238
#3	.5137338	.5117424	.5039455	10.40234	.5322029	.4960318

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4808709	5.360540	.5134740	5.960474	.5109577	.5378790
Stddev	.0028295	.062473	.0021675	.029239	.0008087	.0027967
%RSD	.5884075	1.165423	.4221176	.4905518	.1582776	.5199538

#1	.4825099	5.423434	.5153754	5.955316	.5108245	.5404597
#2	.4776037	5.298497	.5111139	5.991948	.5102238	.5382699
#3	.4824991	5.359690	.5139327	5.934156	.5118247	.5349074

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.530957	.5209583	1.109179	9.132759	F .0025396	F .0017939
Stddev	.102895	.0083845	.019254	.054420	.0022147	.0001653
%RSD	1.079585	1.609444	1.735846	.5958780	87.20539	9.211910

#1	9.479039	.5275699	1.117766	9.115123	.0004119	.0019316
#2	9.464364	.5115275	1.122645	9.193810	.0048321	.0016106
#3	9.649467	.5237774	1.087126	9.089344	.0023750	.0018394

Sample Name: ICV Acquired: 11/14/2019 14:28:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) 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 .0005727	F .0087824	F -.001292	F -.001967	F -.001712	F -.003059
Stddev	.0002233	.0024707	.001173	.000697	.000335	.000626
%RSD	38.99065	28.13218	90.79001	35.43484	19.59675	20.45118

#1	.0004476	.0116144	-.002437	-.002702	-.001373	-.003318
#2	.0004400	.0070680	-.001348	-.001316	-.002044	-.003514
#3	.0008305	.0076649	-.000092	-.001881	-.001718	-.002346

Elem	Sr4077
Units	ppm
Avg	F .0115359
Stddev	.0000537
%RSD	.4652692

#1	.0114740
#2	.0115678
#3	.0115661

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1925.477	4034.407	42724.88	7564.697	4657.800
Stddev	11.238	2.361	195.33	8.719	3.370
%RSD	.5836505	.0585097	.4571771	.1152601	.0723587

#1	1912.767	4037.129	42506.03	7573.815	4660.056
#2	1934.096	4033.157	42787.09	7556.441	4659.418
#3	1929.569	4032.933	42881.53	7563.835	4653.926

Sample Name: S6 Acquired: 11/14/2019 13:47:26 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) 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	58.781	54.342	19.948	7.8009	4.1099
Stddev	.263	.295	.141	.0551	.0210
%RSD	.44801	.54201	.70720	.70628	.50974

#1	59.067	54.119	19.815	7.7488	4.0895
#2	58.550	54.675	20.096	7.8585	4.1314
#3	58.725	54.231	19.932	7.7954	4.1090

Int. Std.	Y_3710
Units	Cts/S
Avg	7027.4
Stddev	12.7
%RSD	.18101

#1	7021.7
#2	7018.6
#3	7042.0

Sample Name: ICB Acquired: 11/14/2019 14:32:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) 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	.0013222	-.002202	-.000003	-.005043	.0023248	-.015820	-.002619
Stddev	.0023500	.002957	.000513	.002870	.0008469	.012727	.000311
%RSD	177.7329	134.3159	18095.25	56.91623	36.42858	80.44591	11.88927

#1	.0025553	-.001713	-.000271	-.008203	.0013478	-.021510	-.002557
#2	.0027990	-.005373	-.000326	-.004326	.0027774	-.024709	-.002343
#3	-.001388	.000481	.000588	-.002599	.0028491	-.001241	-.002957

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000332	.0000071	-.003946	.0000038	.0001404	.0010349	-.002047
Stddev	.0000550	.0000092	.001671	.0004580	.0003605	.0023935	.004419
%RSD	165.7663	129.8342	42.34176	12230.50	256.8687	231.2830	215.8631

#1	-.000024	-.000001	-.005867	-.000087	.0005528	.0019350	-.000518
#2	.000038	.000017	-.002826	-.000402	-.000017	.0028478	-.007027
#3	.000086	.000006	-.003145	.000500	-.000115	-.001678	.001404

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003843	.0353617	-.000212	.0006391	-.332240	.0009650	-.002047
Stddev	.0000389	.0160897	.000182	.0004240	.440936	.0015650	.002889
%RSD	10.11672	45.50036	85.76368	66.33794	132.7160	162.1829	141.0970

#1	.0004260	.0537990	-.000215	.0010871	-.270568	.0006292	-.004146
#2	.0003776	.0281254	-.000392	.0005860	.074613	-.000405	.001247
#3	.0003491	.0241608	-.000029	.0002442	-.800765	.002671	-.003243

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039785	-.000094	.0012654	.0002377	-.000516	-.003002	-.001147
Stddev	.0163271	.001374	.0003701	.0001222	.003356	.001086	.000967
%RSD	410.3873	1465.540	29.24700	51.41677	650.9532	36.18607	84.33778

#1	-.001104	-.000658	.0015601	.0001517	-.001580	-.004173	-.000977
#2	.022242	-.001096	.0013862	.0001838	.003244	-.002805	-.002188
#3	-.009203	.001472	.0008500	.0003775	-.003210	-.002028	-.000276

Sample Name: ICB Acquired: 11/14/2019 14:32:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) 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	-.001664	-.001561	-.000055
Stddev	.000290	.002866	.000044
%RSD	17.41767	183.6253	79.53837

#1	-.001979	.001630	-.000083
#2	-.001604	-.003917	-.000005
#3	-.001409	-.002395	-.000078

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1923.172	4042.584	42645.11	7482.427	4708.189
Stddev	7.204	5.455	143.02	28.574	4.338
%RSD	.3745845	.1349422	.3353711	.3818838	.0921417

#1	1930.592	4042.316	42653.80	7472.332	4707.076
#2	1922.718	4037.267	42783.58	7460.270	4704.515
#3	1916.205	4048.167	42497.94	7514.678	4712.975

Sample Name: ICSAB Acquired: 11/14/2019 14:53:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) 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	.0952454	.1021172	.0490266	.0507097	.5526547	213.9862	.4941814
Stddev	.0014714	.0022295	.0022990	.0060702	.0021592	2.0008	.0063087
%RSD	1.544808	2.183319	4.689332	11.97041	.3906981	.9350148	1.276590

#1	.0954469	.0995429	.0474977	.0557805	.5502296	211.6848	.4879383
#2	.0966057	.1034299	.0479117	.0523651	.5533662	215.3124	.5005536
#3	.0936838	.1033788	.0516706	.0439836	.5543684	214.9615	.4940523

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4871242	.9718044	230.8100	.5319876	.4741641	.4345685	93.83096
Stddev	.0071010	.0022082	2.7080	.0030817	.0013683	.0025302	1.08838
%RSD	1.457735	.2272246	1.173248	.5792846	.2885795	.5822203	1.159942

#1	.4881104	.9726205	228.1103	.5307564	.4743066	.4320129	92.80389
#2	.4936806	.9693043	233.5262	.5297118	.4727300	.4346201	94.97173
#3	.4795817	.9734883	230.7935	.5354946	.4754556	.4370725	93.71725

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4870875	233.7482	.9566132	.1921598	-.666913	.4883120	1.060337
Stddev	.0066460	2.7469	.0022044	.0009987	.044366	.0078575	.011811
%RSD	1.364436	1.175168	.2304347	.5197156	6.652447	1.609112	1.113925

#1	.4807844	231.3121	.9562681	.1932912	-.667592	.4858039	1.051232
#2	.4940302	236.7254	.9546016	.1914008	-.710935	.4971174	1.056095
#3	.4864480	233.2071	.9589697	.1917874	-.622211	.4820147	1.073683

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.451690	.0075204	-.009292	-.000051	-.001189	-.004324	-.003489
Stddev	.070437	.0028088	.001976	.000529	.006382	.000564	.001198
%RSD	15.59418	37.34966	21.26474	1036.509	536.8153	13.04525	34.34998

#1	-.523083	.0101009	-.011535	-.000645	-.008337	-.004972	-.003214
#2	-.449737	.0079316	-.008536	.000372	.000835	-.004057	-.004801
#3	-.382249	.0045286	-.007806	.000119	.003935	-.003943	-.002452

Sample Name: ICSAB Acquired: 11/14/2019 14:53:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) 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	-.002038	.0018477	.0907185
Stddev	.001302	.0009549	.0008733
%RSD	63.87271	51.67834	.9625877

#1	-.000545	.0011692	.0897104
#2	-.002630	.0029396	.0912055
#3	-.002938	.0014343	.0912397

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1794.659	3753.354	39949.20	7390.443	4024.898
Stddev	2.862	8.913	113.74	64.918	11.879
%RSD	.1594459	.2374609	.2847101	.8784015	.2951312

#1	1796.005	3755.365	39936.27	7412.840	4020.177
#2	1791.373	3761.089	40068.85	7317.292	4038.411
#3	1796.600	3743.607	39842.47	7441.197	4016.105

Sample Name: ICSA Acquired: 11/14/2019 14:36:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054328	.0005301	.0002519	.0006771	.0015948	243.9494
Stddev	.0019301	.0020928	.0025249	.0029273	.0015870	1.4422
%RSD	35.52638	394.7850	1002.196	432.3074	99.50772	.5911691

#1	.0057082	-.000622	-.001579	-.002422	.0033136	243.5445
#2	.0033798	.002946	.003132	.001058	.0001851	245.5508
#3	.0072104	-.000734	-.000798	.003395	.0012858	242.7530

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036064	.0013415	-.000743	263.0704	.0508606	.0001282
Stddev	.0008213	.0001061	.000057	.5674	.0005122	.0001479
%RSD	22.77274	7.905510	7.675534	.2156923	1.007141	115.3598

#1	.0027029	.0012454	-.000705	262.5110	.0506400	.0002101
#2	.0038086	.0013239	-.000715	263.6456	.0504957	.0002172
#3	.0043076	.0014552	-.000808	263.0548	.0514462	-.000043

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022269	106.3685	.0125954	266.6910	.0011102	-.000197
Stddev	.0021780	.2812	.0002762	.7493	.0002547	.000358
%RSD	97.80641	.2644018	2.192634	.2809788	22.94204	181.4316

#1	.0036305	106.1512	.0124320	266.0005	.0009088	.000041
#2	.0033322	106.2681	.0129143	266.5849	.0013965	-.000024
#3	-.000282	106.6861	.0124400	267.4878	.0010253	-.000609

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.661599	.0019155	.0016384	-.280050	.0077448	-.015339
Stddev	.207301	.0057243	.0024039	.035369	.0011817	.002199
%RSD	31.33329	298.8378	146.7222	12.62959	15.25831	14.33386

#1	-.594857	.0066391	.0018470	-.289704	.0090919	-.016112
#2	-.894050	-.004450	-.000863	-.240856	.0072594	-.017047
#3	-.495890	.003558	.003931	-.309590	.0068830	-.012858

Sample Name: ICSA Acquired: 11/14/2019 14:36:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000545	-.002615	-.004607	-.003177	-.002976	.0013503
Stddev	.0000554	.001008	.001293	.000252	.001114	.0012937
%RSD	101.5823	38.52333	28.05816	7.946814	37.44691	95.80741

#1	.0001055	-.001586	-.003696	-.002927	-.001697	.0005376
#2	.0000624	-.002661	-.006086	-.003432	-.003491	.0028421
#3	-.000004	-.003599	-.004038	-.003171	-.003740	.0006712

Elem	Sr4077
Units	ppm
Avg	F .1028590
Stddev	.0005995
%RSD	.5828323

#1	.1028942
#2	.1034402
#3	.1022427

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1783.260	3742.248	39532.64	7331.037	3990.384
Stddev	19.886	2.763	123.97	53.903	2.673
%RSD	1.115147	.0738223	.3135896	.7352721	.0669768

#1	1806.218	3744.890	39658.47	7340.502	3991.383
#2	1772.202	3739.379	39528.85	7273.029	3992.414
#3	1771.362	3742.474	39410.62	7379.581	3987.356

Sample Name: CCB060 Acquired: 11/14/2019 15:06:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB060 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000719	-.002164	.0005291	-.004757	-.000433	-.019408	-.002812
Stddev	.003171	.001923	.0015936	.002918	.001229	.008043	.000202
%RSD	440.7928	88.86691	301.2227	61.33417	284.1497	41.44329	7.197256

#1	-.001241	-.001716	.0004972	-.002294	-.000336	-.025581	-.003043
#2	.002680	-.004271	-.001048	-.003998	-.001707	-.010312	-.002726
#3	-.003597	-.000504	.002138	-.007980	.000746	-.022333	-.002667

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000010	.0000287	-.000742	-.000095	.0001605	.0009479	-.000637
Stddev	.000005	.0000889	.008714	.000509	.0000880	.0013195	.007384
%RSD	47.58625	309.7967	1174.486	537.5670	54.85857	139.1994	1158.971

#1	-.000013	.0001164	-.008190	-.000510	.0001372	.0004401	.000209
#2	-.000005	.0000310	.008841	-.000248	.0000864	-.000042	-.008407
#3	-.000012	-.000061	-.002877	.000473	.0002578	.002446	.006287

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001126	.0187370	-.000054	-.000009	-.196648	-.000243	-.000454
Stddev	.0002333	.0141396	.000130	.000110	.096946	.002550	.004669
%RSD	207.1494	75.46341	239.7578	1255.109	49.29917	1048.146	1029.186

#1	.0002516	.0083001	-.000073	-.000126	-.169746	.001031	.004830
#2	-.000157	.0130819	-.000173	.000009	-.115995	-.003180	-.002171
#3	.000243	.0348288	.000084	.000091	-.304205	.001418	-.004020

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2097403	.0001473	.0065534	.0001880	.0002701	-.002468	-.000547
Stddev	.0756971	.0010007	.0004504	.0001679	.0029838	.000540	.000395
%RSD	36.09088	679.2427	6.872461	89.27128	1104.590	21.88266	72.23915

#1	.1702238	-.000992	.0065876	.0002687	.0036544	-.001887	-.001002
#2	.1619790	.000551	.0060869	.0003003	-.001982	-.002954	-.000350
#3	.2970181	.000883	.0069857	-.000005	-.000862	-.002564	-.000289

Sample Name: CCB060 Acquired: 11/14/2019 15:06:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB060 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000822	.0004381	.0000098
Stddev	.001599	.0023057	.0000263
%RSD	194.6139	526.3106	269.2901

#1	-.000550	-.000601	.0000056
#2	-.002539	.003080	.0000379
#3	.000624	-.001166	-.000014

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1922.119	4012.334	42589.55	7526.384	4671.995
Stddev	10.098	7.148	73.16	49.365	9.097
%RSD	.5253811	.1781433	.1717893	.6558929	.1947173

#1	1911.716	4020.043	42567.66	7483.228	4681.526
#2	1922.759	4005.926	42529.82	7515.712	4671.053
#3	1931.883	4011.034	42671.16	7580.212	4663.405

Sample Name: CCV060 Acquired: 11/14/2019 14:58:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV060 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.124210	5.085579	25.77711	5.234208	5.071897	404.0737	10.58331
Stddev	.011754	.004379	.05411	.014110	.004026	3.2362	.01929
%RSD	.2293768	.0861016	.2099048	.2695730	.0793703	.8008877	.1822239

#1	5.137167	5.090145	25.73927	5.233527	5.069239	406.7720	10.57933
#2	5.121229	5.085176	25.75297	5.220451	5.076529	404.9633	10.60428
#3	5.114234	5.081415	25.83908	5.248647	5.069925	400.4857	10.56633

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5163029	2.627653	415.7768	15.73450	2.614199	15.23922	413.0968
Stddev	.0021013	.006087	.9376	.00623	.009456	.01044	1.4615
%RSD	.4069811	.2316564	.2255106	.0395679	.3617311	.0685207	.3537934

#1	.5152342	2.624407	415.9104	15.72733	2.608975	15.23942	413.7777
#2	.5149509	2.623877	416.6405	15.73770	2.608508	15.24956	414.0935
#3	.5187238	2.634675	414.7796	15.73848	2.625115	15.22868	411.4190

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.39967	409.2887	2.632133	1.326706	400.7076	2.611478	15.63207
Stddev	.06170	1.7058	.007595	.005623	1.0075	.003461	.10848
%RSD	.4006855	.4167682	.2885564	.4238450	.2514325	.1325338	.6939865

#1	15.44390	409.7481	2.625550	1.322968	400.6530	2.609565	15.50963
#2	15.42593	410.7178	2.630406	1.323978	401.7412	2.615473	15.71620
#3	15.32918	407.4003	2.640443	1.333173	399.7284	2.609395	15.67038

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	153.5640	5.253540	5.077154	5.057419	5.424692	5.068978	5.188988
Stddev	.3403	.007593	.012518	.002324	.016723	.030060	.009907
%RSD	.2216005	.1445334	.2465601	.0459475	.3082819	.5930125	.1909145

#1	153.2139	5.262307	5.072791	5.059877	5.435935	5.060210	5.186254
#2	153.5843	5.249280	5.067401	5.057120	5.405474	5.044278	5.180736
#3	153.8936	5.249033	5.091269	5.055259	5.432666	5.102447	5.199974

Sample Name: CCV060 Acquired: 11/14/2019 14:58:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV060 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.106107	5.314870	5.199029
Stddev	.011062	.022578	.040275
%RSD	.2166333	.4248095	.7746733

#1	5.118840	5.303549	5.237090
#2	5.100606	5.340869	5.156855
#3	5.098874	5.300193	5.203143

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1595.244	3423.776	37900.50	7227.803	3578.699
Stddev	10.731	4.497	64.39	9.349	8.335
%RSD	.6726899	.1313438	.1698847	.1293476	.2329096

#1	1607.598	3425.539	37834.65	7217.007	3583.297
#2	1589.898	3427.124	37903.54	7233.202	3583.722
#3	1588.236	3418.665	37963.32	7233.199	3569.077

Sample Name: PB124774BL Acquired: 11/14/2019 15:14:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW774 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001651	-.001263	.0007600	-.003148	-.000555	-.006686	-.002820
Stddev	.001685	.000950	.0010399	.000843	.000630	.005281	.000414
%RSD	102.0392	75.20788	136.8344	26.76084	113.5906	78.99820	14.66409

#1	-.000753	-.000167	.0015121	-.003623	-.000298	-.002860	-.002818
#2	-.003595	-.001855	-.000427	-.002176	-.000094	-.012711	-.003235
#3	-.000605	-.001766	.001194	-.003647	-.001272	-.004486	-.002408

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000010	.0000402	-.003555	-.000053	.0002091	.0001788	-.002777
Stddev	.000157	.0000463	.007739	.000573	.0002164	.0015428	.003002
%RSD	1583.706	115.0662	217.6907	1083.869	103.4961	862.7493	108.1016

#1	.000161	.0000923	-.002576	.000587	.0004066	-.001585	.000507
#2	-.000043	.0000247	.003648	-.000518	-.000022	.000846	-.003458
#3	-.000147	.0000037	-.011738	-.000228	.000243	.001276	-.005381

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005250	.0070328	.0000710	.0002106	-.010712	-.000100	-.000887
Stddev	.0002828	.0221743	.0002526	.0003618	.171456	.000510	.001963
%RSD	53.87159	315.2983	355.6162	171.8202	1600.603	509.6200	221.3990

#1	.0002891	-.015576	-.000042	.0000520	-.201693	.000485	-.002676
#2	.0004474	.028746	.000360	.0006246	.129966	-.000337	-.001199
#3	.0008385	.007929	-.000105	-.000045	.039591	-.000449	.001214

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1928598	.0010314	.0034244	-.000156	-.001717	-.003371	-.001116
Stddev	.0992724	.0005366	.0003681	.000098	.000213	.000415	.000583
%RSD	51.47386	52.02484	10.74836	62.82974	12.40132	12.31686	52.27935

#1	.3074788	.0015332	.0030179	-.000265	-.001480	-.003751	-.001389
#2	.1341824	.0004657	.0035202	-.000124	-.001891	-.003435	-.000446
#3	.1369182	.0010953	.0037351	-.000077	-.001779	-.002928	-.001512

Sample Name: PB124774BL Acquired: 11/14/2019 15:14:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW774 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001138	-.001077	-.000017
Stddev	.001042	.001366	.000046
%RSD	91.58672	126.8288	274.8730

#1	.000044	.000460	.000033
#2	-.001923	-.001538	-.000057
#3	-.001534	-.002152	-.000026

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1882.547	3998.238	42020.93	7459.567	4660.186
Stddev	8.850	10.440	162.69	11.824	3.159
%RSD	.4701272	.2611180	.3871676	.1585128	.0677839

#1	1875.156	4001.071	41837.21	7468.084	4663.756
#2	1892.355	4006.970	42078.80	7464.551	4659.049
#3	1880.132	3986.674	42146.77	7446.067	4657.753

Sample Name: PB124772BS Acquired: 11/14/2019 15:10:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS772 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0195176	.0548421	.0217721	.0731796	.1259030	.4355838	.4539656
Stddev	.0015607	.0014955	.0020708	.0021283	.0003468	.0473932	.0425054
%RSD	7.996314	2.726961	9.511407	2.908313	.2754632	10.88040	9.363141

#1	.0210861	.0549097	.0240674	.0755681	.1262723	.4900405	.5030155
#2	.0179649	.0533139	.0200439	.0724862	.1255842	.4130419	.4309550
#3	.0195017	.0563026	.0212050	.0714845	.1258527	.4036688	.4279262

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122837	.0111214	11.75332	.0241084	.1045844	.0496822	.2569592
Stddev	.0009739	.0000415	1.09497	.0002818	.0003946	.0066387	.0386752
%RSD	7.928731	.3729425	9.316225	1.169008	.3772806	13.36229	15.05110

#1	.0134083	.0111491	13.01764	.0243637	.1047797	.0570509	.3006781
#2	.0117139	.0110737	11.12935	.0238060	.1048434	.0441679	.2429901
#3	.0117288	.0111415	11.11297	.0241554	.1041303	.0478279	.2272093

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0387538	11.47375	.0895655	.0225031	11.04690	.1234565	.1454244
Stddev	.0041237	1.03845	.0002662	.0002688	.81825	.0097738	.0060620
%RSD	10.64080	9.050701	.2972623	1.194517	7.407046	7.916775	4.168501

#1	.0435030	12.67284	.0895515	.0227474	11.99130	.1346534	.1522990
#2	.0366768	10.87803	.0893066	.0222151	10.59946	.1166341	.1408456
#3	.0360816	10.87036	.0898386	.0225468	10.54994	.1190820	.1431285

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.458545	.0182349	.0371845	.0215174	.1972290	.2170238	.0144533
Stddev	.974663	.0003724	.0025386	.0002001	.0035919	.0181340	.0010374
%RSD	11.52282	2.042088	6.827005	.9300849	1.821156	8.355753	7.177477

#1	9.583670	.0184773	.0400926	.0217403	.1954634	.2379057	.0138533
#2	7.919186	.0184212	.0354116	.0214586	.1948617	.2052401	.0138554
#3	7.872780	.0178061	.0360492	.0213532	.2013619	.2079258	.0156511

Sample Name: PB124772BS Acquired: 11/14/2019 15:10:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS772 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2132674	.0930327	.2211614
Stddev	.0226673	.0114188	.0221038
%RSD	10.62857	12.27402	9.994433

#1	.2394373	.1061749	.2466838
#2	.2005756	.0855383	.2085846
#3	.1997892	.0873850	.2082159

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1995.420	4234.928	44150.26	7505.410	4901.694
Stddev	6.838	3.115	130.86	598.231	2.254
%RSD	.3426956	.0735542	.2963901	7.970660	.0459926

#1	2003.283	4238.202	44282.58	6814.681	4902.623
#2	1990.859	4232.002	44020.91	7857.828	4903.336
#3	1992.120	4234.580	44147.31	7843.722	4899.124

Sample Name: K5816-01 Acquired: 11/14/2019 15:22:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA5476 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044583	.0000181	.0042763	-.001228	-.000226	-.033231	.0001360
Stddev	.0017980	.0005392	.0002904	.001401	.000291	.009249	.0005016
%RSD	40.33014	2980.593	6.791261	114.0987	128.6304	27.83099	368.7739

#1	.0048106	.0000952	.0045880	.000136	.000032	-.039148	.0004855
#2	.0025101	-.000556	.0040133	-.002664	-.000541	-.022573	.0003612
#3	.0060540	.000515	.0042277	-.001157	-.000169	-.037972	-.000439

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000181	.0000252	52.19537	.0008665	-.000742	.0050647	-.025617
Stddev	.0000644	.0001380	.06364	.0004943	.000097	.0017381	.005671
%RSD	355.6818	546.8105	.1219190	57.03757	13.05888	34.31866	22.13855

#1	-.000029	-.000040	52.14332	.0012292	-.000651	.0069819	-.031467
#2	-.000008	.000184	52.26632	.0010668	-.000731	.0046207	-.025241
#3	.000091	-.000068	52.17648	.0003036	-.000844	.0035917	-.020143

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097010	3.862278	.0009253	.0002930	57.75070	-.000194	.0012905
Stddev	.0003014	.014551	.0001466	.0002270	.37966	.001529	.0013387
%RSD	3.106668	.3767559	15.84657	77.48433	.6574162	786.3184	103.7332

#1	.0094226	3.876214	.0010508	.0004602	57.78847	-.000561	-.000066
#2	.0096593	3.863437	.0007641	.0000346	57.35356	-.001507	.001326
#3	.0100210	3.847181	.0009610	.0003842	58.11006	.001485	.002611

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.040830	.0008105	.0247360	.0001188	12.10133	5.872032	-.004056
Stddev	.044254	.0008077	.0006153	.0003548	.07906	.029139	.000843
%RSD	2.168413	99.64811	2.487311	298.6671	.6533522	.4962337	20.77430

#1	2.045029	.0013535	.0254227	.0003989	12.02682	5.868045	-.003181
#2	2.082835	.0011958	.0245504	-.000280	12.09289	5.845091	-.004862
#3	1.994627	-.000118	.0242350	.000238	12.18427	5.902959	-.004126

Sample Name: K5816-01 Acquired: 11/14/2019 15:22:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA5476 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001752	-.003622	.0536693
Stddev	.000656	.000960	.0003912
%RSD	37.46652	26.49195	.7289313

#1	-.001104	-.004623	.0535982
#2	-.001736	-.002710	.0533186
#3	-.002416	-.003533	.0540913

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1974.917	4128.491	43823.31	7893.398	4724.989
Stddev	6.347	6.326	71.52	8.841	7.126
%RSD	.3213686	.1532376	.1632008	.1120103	.1508097

#1	1977.660	4133.724	43760.87	7883.700	4732.250
#2	1979.431	4130.289	43901.34	7901.010	4724.710
#3	1967.660	4121.461	43807.73	7895.483	4718.007

Sample Name: PB124774BS Acquired: 11/14/2019 15:18:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS774 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0210463	.0560321	.0229361	.0776636	.1282776	.4038391	.4306624
Stddev	.0018046	.0015279	.0012586	.0009328	.0009510	.0050444	.0008703
%RSD	8.574478	2.726732	5.487500	1.201065	.7413484	1.249110	.2020938

#1	.0195906	.0577600	.0215291	.0784998	.1285253	.4071721	.4304000
#2	.0204829	.0548597	.0239549	.0778335	.1272273	.4063096	.4316338
#3	.0230654	.0554766	.0233244	.0766576	.1290803	.3980357	.4299535

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116585	.0111431	11.09527	.0237295	.1062876	.0457901	.2265443
Stddev	.0001242	.0000245	.05436	.0001505	.0003243	.0021979	.0037071
%RSD	1.065490	.2201355	.4899030	.6343884	.3051171	4.799979	1.636376

#1	.0117831	.0111204	11.12957	.0237811	.1061099	.0434745	.2304712
#2	.0115347	.0111398	11.12365	.0238474	.1060910	.0460482	.2231052
#3	.0116576	.0111691	11.03260	.0235600	.1066619	.0478475	.2260565

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0358266	10.82466	.0896820	.0228465	10.47657	.1176752	.1476786
Stddev	.0003364	.03991	.0003080	.0008191	.07357	.0041601	.0004918
%RSD	.9389040	.3686521	.3433902	3.585427	.7022336	3.535249	.3330331

#1	.0355950	10.84195	.0893463	.0222892	10.45200	.1130339	.1471108
#2	.0362125	10.77902	.0897481	.0237870	10.41842	.1210682	.1479727
#3	.0356725	10.85300	.0899515	.0224632	10.55928	.1189236	.1479523

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.971077	.0213150	.0337022	.0221421	.1944327	.2032010	.0151103
Stddev	.072140	.0017958	.0007591	.0003739	.0045588	.0012345	.0005655
%RSD	.9050162	8.424874	2.252268	1.688677	2.344676	.6075074	3.742434

#1	7.933644	.0225342	.0345783	.0225388	.1979579	.2037747	.0145561
#2	7.925349	.0192528	.0332876	.0220912	.1892844	.2040442	.0156864
#3	8.054239	.0221580	.0332408	.0217963	.1960556	.2017841	.0150884

Sample Name: PB124774BS Acquired: 11/14/2019 15:18:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS774 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2046673	.0871817	.2118789
Stddev	.0004793	.0011186	.0006797
%RSD	.2341706	1.283023	.3208125

#1	.2044238	.0858999	.2118431
#2	.2043586	.0876849	.2112178
#3	.2052194	.0879602	.2125758

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2013.684	4211.304	44451.09	7896.448	4879.546
Stddev	7.634	9.328	102.43	25.586	10.527
%RSD	.3790824	.2214921	.2304358	.3240246	.2157373

#1	2016.698	4221.395	44568.38	7871.795	4890.229
#2	2005.004	4209.517	44379.27	7922.876	4879.226
#3	2019.351	4202.998	44405.61	7894.673	4869.182

Sample Name: K5816-02 Acquired: 11/14/2019 15:27:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA5476D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049256	-.000694	.0039389	-.001598	-.000260	-.021246	-.000254
Stddev	.0029949	.000872	.0017068	.003282	.000346	.020216	.000053
%RSD	60.80192	125.7057	43.33143	205.3227	133.1393	95.15350	20.72698

#1	.0083825	-.001045	.0059081	-.000347	-.000526	-.021441	-.000315
#2	.0031138	.000299	.0030226	-.005321	-.000385	-.000933	-.000230
#3	.0032807	-.001336	.0028859	.000874	.000131	-.041363	-.000218

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000455	.0000588	52.33113	.0005822	-.000846	.0037516	-.019284
Stddev	.0000553	.0000296	.07551	.0003678	.000290	.0014837	.010155
%RSD	121.5886	50.37929	.1442934	63.17888	34.26753	39.54869	52.66300

#1	.0001092	.0000669	52.33509	.0003002	-.000732	.0028614	-.020441
#2	.0000108	.0000835	52.25372	.0004482	-.000631	.0054645	-.028811
#3	.0000164	.0000260	52.40458	.0009983	-.001176	.0029290	-.008599

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095813	3.874099	.0010628	.0001613	58.13358	.0015245	.0038625
Stddev	.0003959	.015312	.0000990	.0001447	.49248	.0012129	.0020443
%RSD	4.132286	.3952396	9.316933	89.71917	.8471507	79.56114	52.92715

#1	.0092137	3.859258	.0009732	-.000004	58.03004	.0027087	.0053854
#2	.0100004	3.889842	.0011691	.000226	57.70111	.0002848	.0046630
#3	.0095297	3.873196	.0010461	.000263	58.66960	.0015800	.0015391

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.998486	-.000537	.0250878	.0002142	12.07056	5.886214	-.004051
Stddev	.044226	.001307	.0002023	.0000531	.03560	.065651	.001042
%RSD	2.212952	243.2690	.8063288	24.81391	.2949705	1.115334	25.70747

#1	1.979367	-.001167	.0249425	.0002566	12.10168	5.880943	-.004994
#2	2.049054	-.001410	.0250022	.0001546	12.07826	5.823358	-.004226
#3	1.967036	.000965	.0253189	.0002313	12.03173	5.954342	-.002933

Sample Name: K5816-02 Acquired: 11/14/2019 15:27:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA5476D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002038	-.004786	.0540200
Stddev	.001352	.000782	.0001533
%RSD	66.34177	16.33705	.2838705

#1	-.001043	-.004614	.0539076
#2	-.001493	-.005640	.0539578
#3	-.003578	-.004104	.0541947

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1963.135	4127.844	43577.82	7823.021	4727.963
Stddev	22.797	9.287	472.98	57.008	5.747
%RSD	1.161279	.2249727	1.085358	.7287160	.1215503

#1	1976.616	4135.811	43909.08	7831.919	4729.695
#2	1975.974	4130.075	43788.23	7875.057	4732.645
#3	1936.813	4117.645	43036.15	7762.088	4721.550

Sample Name: K5816-03 Acquired: 11/14/2019 15:31:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA5476S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0488766	.0578248	.0248229	.0095748	.1072122	1.931005	2.257448
Stddev	.0018038	.0007871	.0009500	.0023124	.0005487	.015123	.007535
%RSD	3.690537	1.361178	3.826979	24.15070	.5117430	.7831548	.3337863

#1	.0506540	.0586419	.0237641	.0080854	.1068019	1.927525	2.254994
#2	.0470475	.0570717	.0256005	.0084003	.1078354	1.917926	2.251446
#3	.0489283	.0577608	.0251041	.0122387	.1069993	1.947565	2.265904

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0575224	.0559187	52.18378	.2289157	.5404556	.2330786	1.141871
Stddev	.0001706	.0000540	.19462	.0003736	.0002837	.0026833	.008874
%RSD	.2965744	.0966484	.3729517	.1632212	.0524885	1.151241	.7771544

#1	.0576714	.0558976	52.25825	.2293176	.5405676	.2300178	1.139833
#2	.0575595	.0559801	51.96292	.2288505	.5406661	.2350261	1.134194
#3	.0573363	.0558784	52.33016	.2285789	.5401330	.2341917	1.151587

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5670625	3.861512	.5523419	.0545232	57.94714	.5788620	.6228938
Stddev	.0037860	.017908	.0003635	.0002920	.18343	.0054144	.0072834
%RSD	.6676449	.4637551	.0658060	.5355244	.3165526	.9353467	1.169280

#1	.5635504	3.840857	.5519236	.0547545	57.75828	.5789305	.6162062
#2	.5665642	3.870992	.5525808	.0546201	57.95853	.5734138	.6218212
#3	.5710730	3.872687	.5525212	.0541951	58.12462	.5842418	.6306539

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.998885	-.000365	.0242846	-.000022	11.99441	5.912697	-.003442
Stddev	.012186	.002040	.0005567	.000281	.01902	.010894	.001046
%RSD	.6096329	559.1242	2.292369	1293.215	.1585379	.1842448	30.38146

#1	1.985878	-.002015	.0242864	-.000287	11.97633	5.923028	-.003608
#2	2.000740	.001916	.0248404	-.000052	11.99266	5.913749	-.002323
#3	2.010037	-.000995	.0237270	.000273	12.01424	5.901316	-.004395

Sample Name: K5816-03 Acquired: 11/14/2019 15:31:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA5476S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001470	-.004054	.0534078
Stddev	.000302	.001571	.0001361
%RSD	20.52417	38.74821	.2547618

#1	-.001128	-.002330	.0535520
#2	-.001583	-.005404	.0533898
#3	-.001698	-.004428	.0532817

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1950.347	4118.165	43540.20	7854.820	4711.801
Stddev	17.225	7.167	290.85	18.553	5.516
%RSD	.8832018	.1740385	.6680114	.2361953	.1170711

#1	1969.795	4121.333	43834.83	7843.684	4717.394
#2	1944.233	4123.202	43532.50	7876.237	4711.646
#3	1937.012	4109.959	43253.28	7844.538	4706.365

Sample Name: K5817-01 Acquired: 11/14/2019 15:39:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA5477 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051793	-.002394	.0042853	-.003376	.0008991	-.011122	-.000937
Stddev	.0026117	.000624	.0011243	.002178	.0025692	.001197	.001248
%RSD	50.42510	26.07604	26.23639	64.51233	285.7605	10.76608	133.2266

#1	.0028330	-.002107	.0055325	-.002573	.0021176	-.012416	.000464
#2	.0047116	-.003110	.0033494	-.005842	-.002053	-.010054	-.001931
#3	.0079932	-.001965	.0039741	-.001714	.002632	-.010895	-.001342

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000040	.0000121	58.03169	.0007600	-.000813	.0083452	.0053961
Stddev	.000048	.0000457	8.94693	.0005866	.000196	.0022262	.0054824
%RSD	120.8838	376.7575	15.41732	77.17855	24.13659	26.67686	101.5992

#1	-.000091	-.000041	68.35938	.0001431	-.000831	.0108979	.0017003
#2	.000005	.000037	53.09524	.0013106	-.000608	.0073311	.0116952
#3	-.000034	.000040	52.64045	.0008263	-.000999	.0068065	.0027930

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118884	4.325381	.0002336	.0003629	64.09648	-.000602	.0022535
Stddev	.0022651	.660247	.0004229	.0002831	9.61653	.004979	.0030225
%RSD	19.05290	15.26449	181.0230	78.00362	15.00321	827.0900	134.1232

#1	.0144798	5.087644	.0007084	.0001980	75.18058	.003310	.0054133
#2	.0108998	3.956167	.0000951	.0006898	59.13298	-.006206	.0019571
#3	.0102857	3.932331	-.000103	.0002010	57.97587	.001090	-.000610

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.427367	.0009426	.0250462	-.000020	11.98740	6.384453	-.004043
Stddev	.741639	.0008526	.0022257	.000277	.02834	.908957	.000280
%RSD	30.55325	90.45709	8.886362	1402.386	.2364302	14.23704	6.914784

#1	3.283052	.0008767	.0276162	.000172	11.95482	7.433703	-.003857
#2	2.029193	.0001248	.0237513	-.000337	12.00633	5.882368	-.003908
#3	1.969855	.0018262	.0237712	.000105	12.00106	5.837287	-.004365

Sample Name: K5817-01 Acquired: 11/14/2019 15:39:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA5477 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001521	-.003337	.0590193
Stddev	.000452	.002367	.0090032
%RSD	29.68151	70.95234	15.25466

#1	-.001323	-.000708	.0694124
#2	-.001203	-.005301	.0540349
#3	-.002038	-.004000	.0536106

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1961.334	4127.585	43561.50	7331.463	4721.540
Stddev	9.681	4.567	223.21	912.783	3.727
%RSD	.4935696	.1106427	.5123948	12.45022	.0789257

#1	1962.480	4132.328	43613.36	6277.486	4725.290
#2	1951.131	4127.207	43316.93	7863.165	4721.494
#3	1970.390	4123.218	43754.21	7853.738	4717.837

Sample Name: K5816-01LX5 Acquired: 11/14/2019 15:35:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA5476L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003400	-.001181	.0013641	-.004899	.0006833	-.017084	-.002321
Stddev	.0030560	.000106	.0017985	.004101	.0011836	.006048	.000224
%RSD	898.9361	8.998963	131.8435	83.71723	173.2012	35.40499	9.631635

#1	-.002926	-.001230	-.000183	-.006486	-.000218	-.019533	-.002063
#2	.000814	-.001253	.003337	-.007969	.002024	-.021523	-.002440
#3	.003131	-.001059	.000939	-.000241	.000245	-.010195	-.002459

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000038	.0000114	10.66170	.0001952	-.000161	.0052553	-.005980
Stddev	.0000399	.0000026	.01904	.0005074	.000116	.0027767	.004970
%RSD	1064.610	22.41621	.1786098	259.9851	72.28006	52.83534	83.10458

#1	-.000017	.0000085	10.64167	.0000112	-.000273	.0084586	-.011480
#2	.000050	.0000135	10.67958	.0007689	-.000041	.0037725	-.004649
#3	-.000021	.0000120	10.66384	-.000195	-.000168	.0035349	-.001812

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017881	.7939314	.0001913	.0004962	11.72509	-.002564	-.000333
Stddev	.0003906	.0421885	.0001377	.0003406	.17326	.001853	.003525
%RSD	21.84570	5.313871	71.99011	68.64942	1.477650	72.27448	1059.604

#1	.0013709	.8423415	.0002648	.0008726	11.79310	-.001455	-.003928
#2	.0021451	.7744401	.0000324	.0002091	11.85403	-.001534	.003117
#3	.0018484	.7650127	.0002766	.0004069	11.52815	-.004703	-.000186

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5376016	.0010152	.0058373	.0001006	2.349311	1.198355	-.001696
Stddev	.0891110	.0008133	.0002962	.0001085	.004336	.017054	.000285
%RSD	16.57566	80.11270	5.074989	107.8051	.1845730	1.423086	16.83424

#1	.4908572	.0018833	.0061317	.0000662	2.349089	1.187573	-.001447
#2	.4815888	.0002707	.0058410	.0002221	2.345091	1.189475	-.002007
#3	.6403590	.0008918	.0055392	.0000135	2.353754	1.218016	-.001634

Sample Name: K5816-01LX5 Acquired: 11/14/2019 15:35:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA5476L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000623	.0019583	.0109113
Stddev	.001608	.0005566	.0000185
%RSD	257.9567	28.42267	.1696090

#1	.000868	.0019454	.0109306
#2	-.000411	.0025212	.0109096
#3	-.002327	.0014082	.0108937

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1885.221	3995.279	42117.82	7555.629	4671.564
Stddev	3.353	1.736	43.94	57.093	6.391
%RSD	.1778570	.0434549	.1043284	.7556343	.1368128

#1	1889.081	3993.944	42167.02	7602.289	4667.989
#2	1883.551	3994.651	42082.48	7572.632	4667.761
#3	1883.031	3997.242	42103.96	7491.966	4678.943

Sample Name: K5817-02 Acquired: 11/14/2019 15:43:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA5477D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070754	-.000245	.0053834	-.003325	-.000652	-.013290	-.001701
Stddev	.0033394	.000838	.0006228	.002118	.000276	.008627	.000550
%RSD	47.19715	341.9272	11.56844	63.69930	42.27425	64.91191	32.34691

#1	.0096648	.000314	.0059533	-.005442	-.000348	-.022883	-.001393
#2	.0082550	.000159	.0047186	-.003325	-.000887	-.006168	-.002336
#3	.0033063	-.001208	.0054782	-.001207	-.000722	-.010820	-.001374

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000062	-.000008	52.60917	.0007479	-.000729	.0064485	.0027145
Stddev	.000092	.000102	.11432	.0005964	.000261	.0003875	.0111948
%RSD	149.0181	1289.011	.2172994	79.74452	35.74509	6.009228	412.4146

#1	-.000052	-.000090	52.48520	.0001660	-.001019	.0064998	-.010164
#2	.000025	-.000040	52.71043	.0007198	-.000514	.0060379	.010121
#3	-.000158	.000107	52.63189	.0013578	-.000654	.0068078	.008186

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109233	3.868499	.0006578	.0002754	57.91158	.0019432	.0044908
Stddev	.0004750	.049128	.0004724	.0002401	.51751	.0015536	.0013269
%RSD	4.348075	1.269940	71.81505	87.17871	.8936231	79.95228	29.54778

#1	.0105171	3.900962	.0009391	.0004168	57.44844	.0007145	.0051337
#2	.0108072	3.892556	.0009219	.0004113	58.47017	.0036896	.0029648
#3	.0114455	3.811980	.0001124	-.000002	57.81611	.0014255	.0053737

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.015325	.0005897	.0228529	.0000420	12.07753	5.803600	-.003676
Stddev	.021066	.0017629	.0000720	.0002804	.09589	.022355	.000907
%RSD	1.045275	298.9393	.3150708	667.2978	.7939534	.3851958	24.68360

#1	2.039572	.0014756	.0227735	.0000940	11.99749	5.827973	-.002671
#2	2.004876	.0017339	.0228711	-.000261	12.05128	5.798777	-.004435
#3	2.001525	-.001440	.0229140	.000293	12.18381	5.784050	-.003922

Sample Name: K5817-02 Acquired: 11/14/2019 15:43:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA5477D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001958	-.005035	.0537718
Stddev	.000290	.001123	.0003028
%RSD	14.80329	22.30382	.5630737

#1	-.001625	-.003738	.0541185
#2	-.002155	-.005668	.0536374
#3	-.002094	-.005698	.0535594

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1962.120	4108.495	43410.39	7878.577	4701.417
Stddev	10.781	5.993	53.92	14.048	2.746
%RSD	.5494637	.1458740	.1242008	.1783088	.0584145

#1	1952.624	4112.170	43419.23	7870.755	4699.003
#2	1973.840	4101.579	43459.34	7870.181	4704.405
#3	1959.897	4111.735	43352.60	7894.795	4700.842

Sample Name: K5817-03 Acquired: 11/14/2019 15:47:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA5477S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0464534	.0572278	.0261300	.0091705	.1074424	1.963154	2.239028
Stddev	.0014956	.0016413	.0008331	.0040495	.0018400	.006064	.003393
%RSD	3.219499	2.868022	3.188390	44.15818	1.712549	.3088935	.1515277

#1	.0455337	.0558028	.0251948	.0115067	.1058287	1.956366	2.239760
#2	.0481791	.0568583	.0264027	.0115104	.1094461	1.968037	2.235329
#3	.0456474	.0590224	.0267927	.0044945	.1070524	1.965058	2.241995

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0567367	.0560027	51.99084	.2281039	.5409094	.2371636	1.160088
Stddev	.0001207	.0000369	.05944	.0003245	.0014718	.0035929	.015575
%RSD	.2126473	.0659105	.1143336	.1422373	.2720888	1.514946	1.342597

#1	.0568393	.0560450	51.99689	.2282695	.5397326	.2377239	1.172173
#2	.0566038	.0559866	51.92860	.2283121	.5425596	.2404434	1.142511
#3	.0567670	.0559767	52.04702	.2277300	.5404360	.2333234	1.165581

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5624375	3.808113	.5527421	.0545971	57.62869	.5692060	.6201886
Stddev	.0017202	.032898	.0007107	.0002334	.08992	.0062808	.0057178
%RSD	.3058497	.8638800	.1285819	.4275487	.1560352	1.103428	.9219490

#1	.5626579	3.846034	.5519578	.0548597	57.57623	.5733918	.6242254
#2	.5606178	3.787220	.5533435	.0544131	57.57731	.5619840	.6136457
#3	.5640370	3.791085	.5529251	.0545186	57.73252	.5722421	.6226948

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.983544	.0027135	.0229673	.0001226	12.07380	5.830280	-.003635
Stddev	.042598	.0029057	.0006957	.0001330	.06968	.022760	.000944
%RSD	2.147591	107.0844	3.029308	108.4503	.5771380	.3903679	25.97891

#1	1.974267	.0036806	.0237137	.0002723	12.00961	5.808388	-.004703
#2	1.946348	.0050123	.0228513	.0000777	12.14791	5.853817	-.003288
#3	2.030016	-.000552	.0223367	.0000179	12.06387	5.828636	-.002912

Sample Name: K5817-03 Acquired: 11/14/2019 15:47:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA5477S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001988	-.005623	.0534468
Stddev	.000553	.001564	.0001697
%RSD	27.82332	27.81425	.3175405

#1	-.002285	-.003892	.0534296
#2	-.001350	-.006042	.0536245
#3	-.002328	-.006935	.0532864

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1965.299	4099.301	43619.36	7881.757	4676.327
Stddev	4.660	4.360	186.40	4.966	7.646
%RSD	.2371381	.1063508	.4273369	.0630052	.1635016

#1	1963.080	4104.202	43444.24	7885.820	4683.140
#2	1970.654	4097.847	43815.30	7876.221	4668.058
#3	1962.163	4095.855	43598.55	7883.230	4677.783

Sample Name: PB124772BL Acquired: 11/14/2019 16:03:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW772 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000289	-.000045	.0017801	-.003384	.0012594	-.009571	-.003582
Stddev	.000134	.001131	.0017231	.001367	.0021356	.012749	.000706
%RSD	46.38814	2491.232	96.79531	40.39152	169.5714	133.2127	19.69807

#1	-.000370	-.000787	.0009210	-.004338	.0003755	.003040	-.003888
#2	-.000134	-.000606	.0006555	-.003997	.0036951	-.022454	-.002775
#3	-.000363	.001256	.0037638	-.001818	-.000292	-.009299	-.004083

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000013	.0000710	.0030865	.0000075	.0000417	.0018974	.0117514
Stddev	.000059	.0000583	.0181659	.0001636	.0000673	.0017272	.0064247
%RSD	460.4858	82.06655	588.5617	2195.066	161.6555	91.02960	54.67179

#1	-.000050	.0001181	.0066606	.0001299	.0001177	.0012186	.0105471
#2	.000055	.0000059	.0191998	-.000178	-.000010	.0038609	.0060141
#3	-.000044	.0000890	-.016601	.000071	.000018	.0006127	.0186931

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005485	.0331097	-.000267	.0004854	-.155085	.0025775	-.000506
Stddev	.0001897	.0273627	.000397	.0003381	.029385	.0019079	.002010
%RSD	34.58379	82.64252	148.8496	69.66676	18.94783	74.02116	397.4024

#1	.0004113	.0425461	.000044	.0008276	-.181570	.0004041	.001591
#2	.0007649	.0022777	-.000714	.0001515	-.160212	.0039763	-.002415
#3	.0004691	.0545054	-.000130	.0004769	-.123474	.0033521	-.000693

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1924839	.0017001	.0007930	-.000012	-.002782	.0063192	-.001183
Stddev	.0376567	.0011145	.0004189	.000207	.002834	.0008385	.000471
%RSD	19.56356	65.55515	52.82395	1751.776	101.8591	13.26929	39.80161

#1	.1769309	.0028276	.0010609	.000145	-.005741	.0072818	-.001640
#2	.1650950	.0016738	.0003103	-.000247	-.002515	.0059288	-.001210
#3	.2354258	.0005990	.0010078	.000067	-.000092	.0057471	-.000699

Sample Name: PB124772BL Acquired: 11/14/2019 16:03:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW772 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001168	-.003506	-.000063
Stddev	.000490	.000998	.000091
%RSD	41.92372	28.45715	144.4193

#1	-.000698	-.003420	-.000133
#2	-.001676	-.002554	-.000097
#3	-.001131	-.004544	.000040

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1881.903	3924.907	41786.21	7464.680	4581.357
Stddev	3.992	2.348	134.66	5.275	9.085
%RSD	.2121485	.0598206	.3222591	.0706694	.1983002

#1	1880.232	3926.520	41675.62	7458.604	4588.644
#2	1879.018	3925.988	41746.85	7467.343	4584.249
#3	1886.460	3922.214	41936.17	7468.092	4571.179

Sample Name: K5817-01LX5 Acquired: 11/14/2019 15:51:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA5477L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000937	-.001095	.0029750	-.000302	.0016024	-.019366	-.003514
Stddev	.0008096	.000952	.0016760	.001003	.0011991	.003631	.000102
%RSD	864.1055	87.02494	56.33592	332.0529	74.83062	18.75047	2.902618

#1	-.000408	-.002191	.0046083	-.000215	.0025517	-.022524	-.003518
#2	-.000339	-.000470	.0030572	-.001345	.0020006	-.015398	-.003410
#3	.001028	-.000623	.0012594	.000655	.0002549	-.020176	-.003614

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000201	.0000364	10.83324	-.000206	-.000242	.0037461	-.000584
Stddev	.0000241	.0000974	.08514	.000458	.000102	.0006580	.003102
%RSD	119.5263	267.9057	.7859279	221.9931	42.15772	17.56583	531.3242

#1	.0000045	-.000067	10.81537	-.000735	-.000133	.0034336	.000036
#2	.0000479	.000049	10.75845	.000072	-.000336	.0045021	.002161
#3	.0000081	.000127	10.92589	.000044	-.000258	.0033025	-.003949

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022839	.7970343	.0002407	.0004103	11.84950	-.000760	-.000425
Stddev	.0005106	.0214588	.0003083	.0001571	.11215	.002604	.003320
%RSD	22.35737	2.692328	128.0691	38.28539	.9464242	342.7159	781.1291

#1	.0026071	.7991769	.0005671	.0002296	11.90763	.002217	.002367
#2	.0016952	.8173413	-.000045	.0005147	11.72022	-.002610	-.004096
#3	.0025493	.7745846	.000201	.0004865	11.92065	-.001886	.000454

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5473811	.0015048	.0046723	.0000683	2.377389	1.204102	-.001686
Stddev	.0452750	.0019898	.0012374	.0003929	.004561	.009101	.000332
%RSD	8.271206	132.2367	26.48483	575.7146	.1918653	.7558108	19.71288

#1	.5748665	.0027316	.0053312	-.000016	2.374039	1.196081	-.001634
#2	.4951255	.0025738	.0032448	-.000275	2.375545	1.213992	-.002041
#3	.5721512	-.000791	.0054408	.000497	2.382584	1.202232	-.001382

Sample Name: K5817-01LX5 Acquired: 11/14/2019 15:51:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA5477L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001712	.0009008	.0110290
Stddev	.001052	.0001744	.0001083
%RSD	61.45051	19.36154	.9821920

#1	-.002699	.0011010	.0110610
#2	-.001831	.0008193	.0111178
#3	-.000605	.0007820	.0109083

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1881.580	3984.721	42126.44	7579.986	4654.641
Stddev	13.415	4.807	293.96	35.083	1.648
%RSD	.7129657	.1206434	.6978010	.4628401	.0353977

#1	1874.894	3986.267	41832.09	7563.326	4656.160
#2	1897.024	3988.566	42420.00	7556.337	4652.890
#3	1872.822	3979.331	42127.22	7620.295	4654.874

Sample Name: K5677-20 Acquired: 11/14/2019 16:21:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMK6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0666012	.0055323	5.143544	-.009768	.0186901	128.1945	1.112171
Stddev	.0032850	.0031668	.011412	.006753	.0008574	.5647	.000494
%RSD	4.932389	57.24259	.2218701	69.13334	4.587286	.4405024	.0444006

#1	.0701166	.0040567	5.130460	-.017067	.0177910	128.4078	1.112691
#2	.0660775	.0091676	5.148729	-.008493	.0194985	128.6214	1.111709
#3	.0636094	.0033726	5.151444	-.003743	.0187809	127.5542	1.112112

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054801	.0067271	103.5629	.2234095	.1147728	3.811514	290.9908
Stddev	.0000982	.0000877	.1939	.0001767	.0002742	.011052	.4204
%RSD	1.792511	1.303223	.1872202	.0791034	.2388892	.2899749	.1444863

#1	.0053952	.0066330	103.4474	.2233477	.1147359	3.820541	291.1440
#2	.0055877	.0067420	103.7867	.2232720	.1145188	3.814814	291.3132
#3	.0054573	.0068064	103.4544	.2236089	.1150635	3.799188	290.5153

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.297331	81.45609	.2840455	.0024367	1.871410	.4958248	2.407859
Stddev	.013406	.20625	.0006569	.0002963	.337338	.0031161	.013677
%RSD	.2530657	.2532034	.2312611	12.15796	18.02589	.6284667	.5680223

#1	5.296077	81.46377	.2834737	.0021737	1.482234	.4976292	2.400611
#2	5.311320	81.65839	.2838999	.0027577	2.080272	.4976185	2.399332
#3	5.284596	81.24611	.2847630	.0023787	2.051724	.4922266	2.423635

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.241994	8.581690	.0934036	.0032506	3.481981	22.67063	.0225538
Stddev	.050165	.012949	.0012841	.0000778	.014568	.08168	.0009357
%RSD	.8036646	.1508897	1.374742	2.392997	.4183896	.3602944	4.148668

#1	6.273810	8.585295	.0946809	.0033403	3.479263	22.67872	.0229883
#2	6.268007	8.567320	.0921129	.0032010	3.497717	22.74797	.0231932
#3	6.184166	8.592454	.0934172	.0032106	3.468964	22.58521	.0214798

Sample Name: K5677-20 Acquired: 11/14/2019 16:21:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLMK6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.400387	.1337728	.6618365
Stddev	.022648	.0026524	.0017607
%RSD	.3538551	1.982735	.2660319

#1	6.412871	.1308905	.6627153
#2	6.414045	.1361108	.6629849
#3	6.374244	.1343171	.6598094

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1981.657	4156.223	44539.10	8197.541	4284.206
Stddev	2.288	11.017	105.14	20.704	10.651
%RSD	.1154390	.2650692	.2360576	.2525671	.2486169

#1	1981.684	4168.776	44644.97	8184.209	4296.034
#2	1979.356	4151.735	44434.71	8187.021	4281.211
#3	1983.931	4148.159	44537.62	8221.393	4275.372

Sample Name: CCV061 Acquired: 11/14/2019 16:41:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV061 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.137087	5.019530	25.74365	5.312167	5.091281	402.6917	10.71929
Stddev	.007940	.016142	.09257	.010936	.006586	2.0871	.01068
%RSD	.1545718	.3215937	.3595698	.2058674	.1293630	.5182924	.0996182

#1	5.141687	5.001824	25.64143	5.307765	5.088253	404.7769	10.72339
#2	5.141656	5.033429	25.76773	5.304119	5.086753	400.6026	10.72731
#3	5.127918	5.023338	25.82180	5.324618	5.098837	402.6956	10.70717

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5203758	2.640053	419.5475	15.72115	2.622141	15.13234	417.8840
Stddev	.0017983	.010841	.2817	.01686	.007850	.06434	.1064
%RSD	.3455781	.4106272	.0671368	.1072660	.2993650	.4251647	.0254703

#1	.5207578	2.628023	419.7525	15.72385	2.614507	15.14417	417.9674
#2	.5184172	2.643071	419.2263	15.73650	2.621728	15.06291	417.7641
#3	.5219525	2.649065	419.6637	15.70310	2.630190	15.18994	417.9204

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.51761	412.0934	2.641921	1.344752	406.4030	2.638435	15.66756
Stddev	.03921	.2433	.009040	.002358	2.1313	.013405	.09117
%RSD	.2526911	.0590335	.3421587	.1753829	.5244355	.5080790	.5819184

#1	15.53790	412.3594	2.633143	1.343132	406.1238	2.649360	15.71645
#2	15.47241	411.8822	2.641421	1.347458	408.6601	2.642470	15.56237
#3	15.54252	412.0384	2.651201	1.343667	404.4250	2.623476	15.72387

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.3916	5.193918	5.125333	5.090687	5.445775	5.088422	5.171297
Stddev	.5628	.019621	.015517	.013547	.025608	.021982	.012260
%RSD	.3692906	.3777635	.3027550	.2661224	.4702371	.4320072	.2370827

#1	152.0586	5.171794	5.125419	5.086278	5.424247	5.087379	5.160075
#2	152.0749	5.209208	5.109772	5.079893	5.474094	5.066980	5.169434
#3	153.0414	5.200753	5.140806	5.105890	5.438985	5.110908	5.184383

Sample Name: CCV061 Acquired: 11/14/2019 16:41:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV061 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.075156	5.377260	5.300634
Stddev	.033308	.018658	.008980
%RSD	.6562977	.3469886	.1694171

#1	5.083298	5.370049	5.298841
#2	5.038531	5.363284	5.292685
#3	5.103638	5.398448	5.310375

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1551.392	3336.279	37049.86	7120.136	3514.281
Stddev	6.268	2.877	93.95	8.580	5.907
%RSD	.4040523	.0862434	.2535759	.1205039	.1680819

#1	1544.324	3335.995	37030.59	7110.306	3521.029
#2	1556.279	3339.288	36967.04	7126.122	3510.047
#3	1553.571	3333.555	37151.95	7123.979	3511.767

Sample Name: CCB061 Acquired: 11/14/2019 16:45:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB061 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017531	.0000056	.0033281	-.001587	.0005699	.0032110	-.003559
Stddev	.0027503	.0003652	.0010076	.003067	.0005190	.0106966	.000117
%RSD	156.8871	6473.148	30.27580	193.2159	91.06228	333.1191	3.296835

#1	.0000355	.0003443	.0030488	-.002066	.0008049	.0149693	-.003596
#2	.0002985	-.000381	.0044458	.001691	.0009298	-.005943	-.003428
#3	.0049252	.000054	.0024895	-.004386	-.000025	.000607	-.003654

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000043	.0000687	.0186014	.0002005	.0000828	.0018949	.0127545
Stddev	.000013	.0000588	.0052028	.0004245	.0002689	.0017303	.0029935
%RSD	29.90312	85.57076	27.96989	211.7682	324.7887	91.31482	23.47036

#1	-.000055	.0000013	.0177430	.0006760	-.000226	.0020074	.0131134
#2	-.000030	.0000956	.0138812	.0000656	.000264	.0035662	.0095977
#3	-.000045	.0001093	.0241800	-.000140	.000211	.0001111	.0155524

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011783	.0134434	.0000517	.0004530	.0280453	.0006254	.0022532
Stddev	.0005122	.0260070	.0003594	.0005802	.1541972	.0000405	.0006847
%RSD	43.46780	193.4554	695.4693	128.0676	549.8160	6.482510	30.38576

#1	.0016230	.0364049	-.000143	.0010976	-.140384	.0006637	.0025142
#2	.0006183	.0187241	-.000168	.0002891	.162264	.0006295	.0014765
#3	.0012935	-.014799	.000466	-.000028	.062256	.0005829	.0027690

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3443639	.0003588	.0129473	.0006322	.0003576	-.001202	-.000041
Stddev	.0098373	.0015687	.0009850	.0001835	.0014188	.001967	.000372
%RSD	2.856665	437.1887	7.607536	29.02028	396.7728	163.6848	910.3842

#1	.3510947	.0018012	.0131079	.0007497	.0015685	-.003271	-.000066
#2	.3489227	-.001311	.0138422	.0004208	-.001203	.000645	-.000400
#3	.3330741	.000587	.0118920	.0007260	.000708	-.000980	.000343

Sample Name: CCB061 Acquired: 11/14/2019 16:45:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1008) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB061 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001269	.0055500	.0000950
Stddev	.001922	.0009997	.0000356
%RSD	151.4757	18.01325	37.49443

#1	-.002972	.0063408	.0001015
#2	-.001650	.0058829	.0000565
#3	.000815	.0044263	.0001268

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1864.326	3935.974	41556.21	7380.902	4593.671
Stddev	6.014	7.121	131.70	24.039	8.416
%RSD	.3225735	.1809141	.3169201	.3256972	.1831990

#1	1864.214	3934.286	41513.10	7379.384	4593.978
#2	1870.395	3943.787	41704.06	7405.664	4601.929
#3	1858.369	3929.848	41451.46	7357.657	4585.106