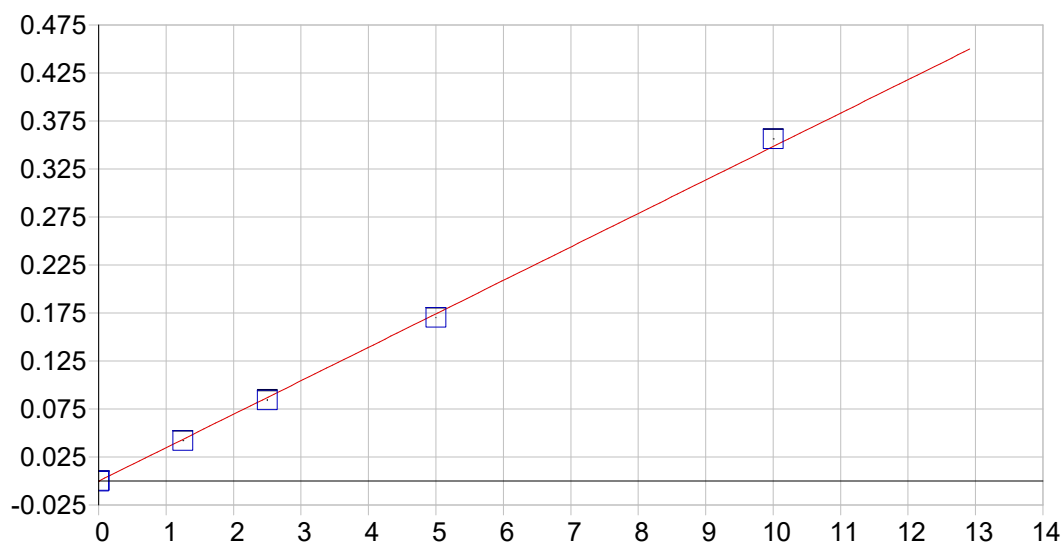


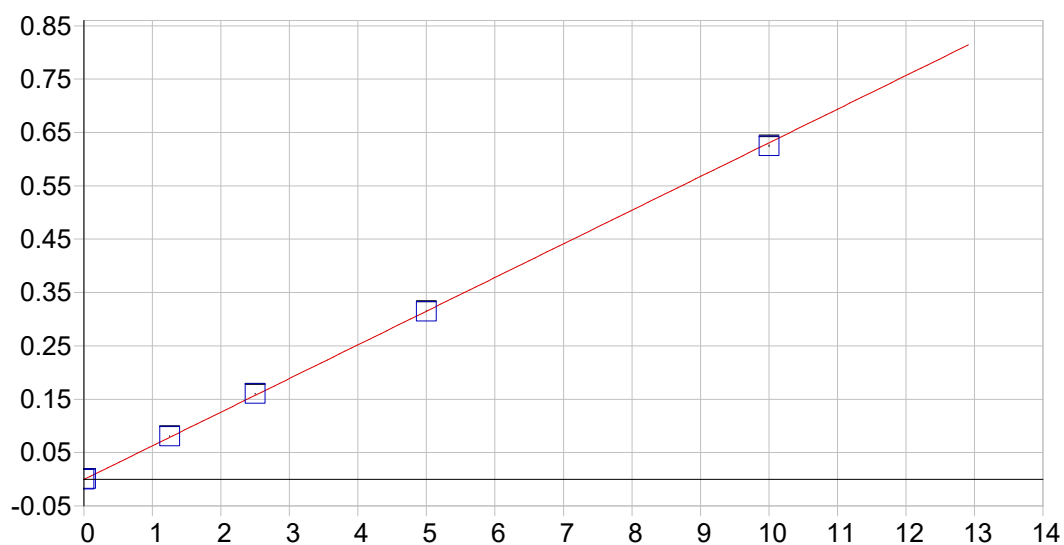


As 189.042 {479}

Date of Fit: 11/25/2019 13:14:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000183	Re-Slope:	1.000000
A1 (Gain):	0.034853	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999701	Status:	OK.
Std Error of Est:	0.000014		
Predicted MDL:	0.003462		
Predicted MQL:	0.011540		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00018	.000	1
S1	.01000	.01040	.000	4.03	.00018	.000	1
S2	1.2500	1.2109	-.039	-3.13	.04202	.000	1
S3	2.5000	2.4220	-.078	-3.12	.08423	.001	1
S4	5.0000	4.8902	-.110	-2.20	.17026	.000	1
S5	10.000	10.226	.226	2.26	.35624	.000	1

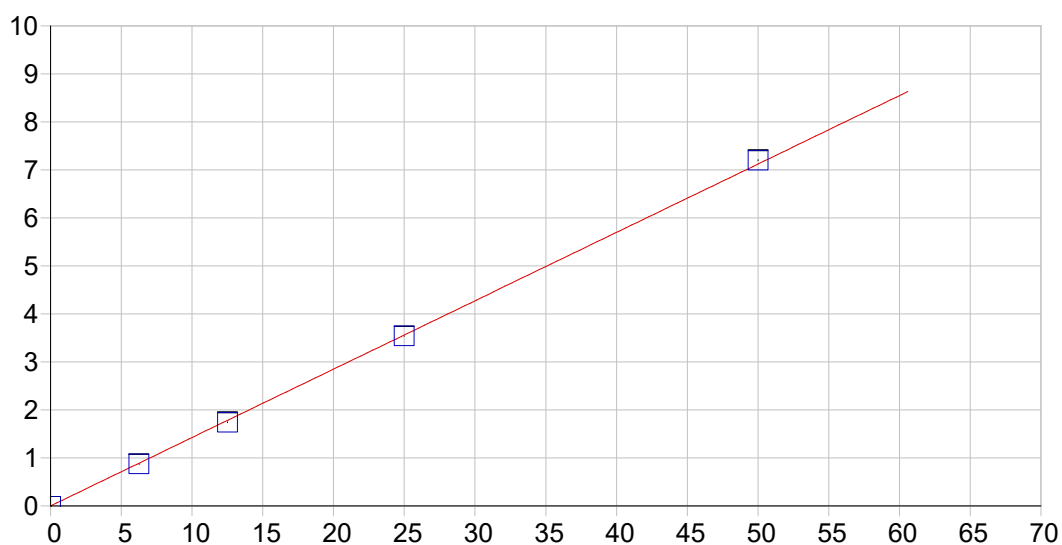


TI 190.856 {477}

Date of Fit: 11/25/2019 13:14:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000489 Re-Slope: 1.000000
 A1 (Gain): 0.063101 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999922 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.002002
 Predicted MQL: 0.006674

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00049	.000	1
S1	.02500	.02767	.003	10.7	.00126	.000	1
S2	1.2500	1.2853	.035	2.83	.08062	.001	1
S3	2.5000	2.5475	.048	1.90	.16026	.001	1
S4	5.0000	4.9996	-.000	-.008	.31499	.001	1
S5	10.000	9.9149	-.085	-.851	.62515	.002	1

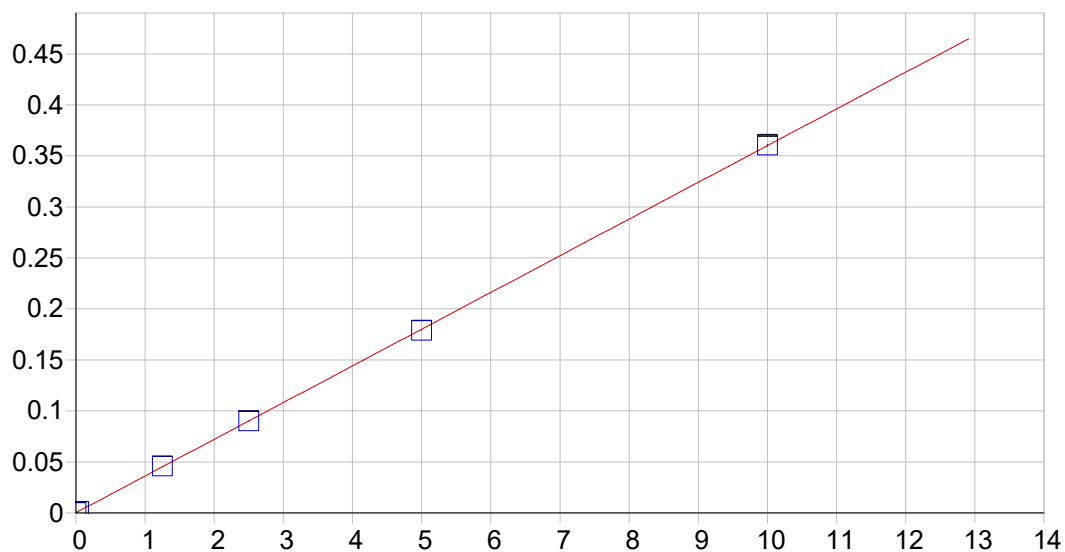


Pb 220.353 {453}

Date of Fit: 11/25/2019 13:14:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000250 Re-Slope: 1.000000
 A1 (Gain): 0.142452 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999918 Status: OK.
 Std Error of Est: 0.000068
 Predicted MDL: 0.001863
 Predicted MQL: 0.006211

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00025	.000	1
S1	.01000	.00914	-.001	-8.57	.00155	.000	1
S2	6.2500	6.1365	-.113	-1.82	.87441	.001	1
S3	12.500	12.230	-.270	-2.16	1.7425	.010	1
S4	25.000	24.829	-.171	-.686	3.5371	.004	1
S5	50.000	50.556	.556	1.11	7.2020	.012	1

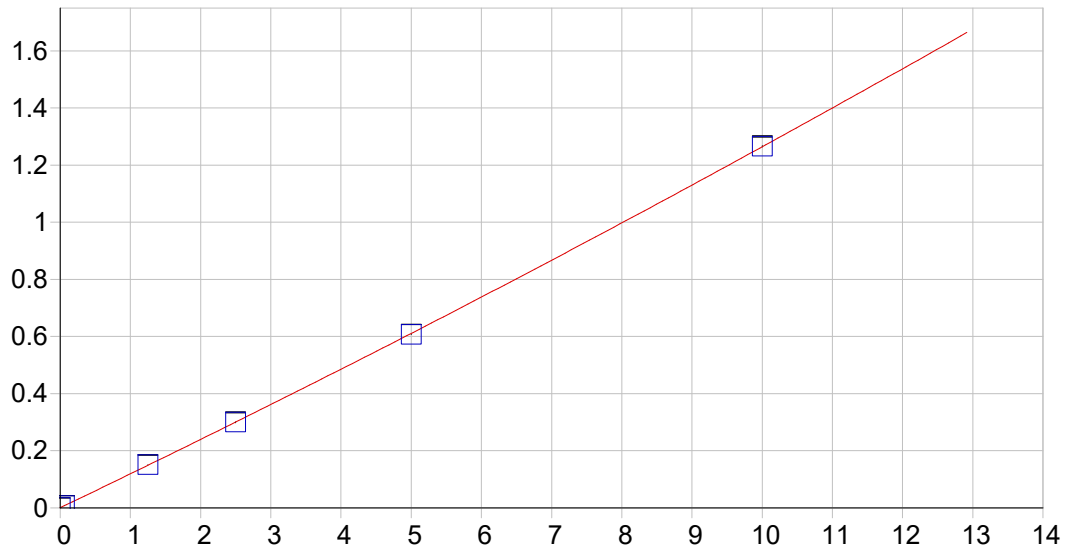


Se 196.090 {472}

Date of Fit: 11/25/2019 13:14:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000211	Re-Slope:	1.000000
A1 (Gain):	0.035984	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999969	Status:	OK.
Std Error of Est:	0.000009		
Predicted MDL:	0.003977		
Predicted MQL:	0.013257		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00021	.000	1
S1	.03500	.03999	.005	14.2	.00165	.000	1
S2	1.2500	1.2671	.017	1.37	.04581	.000	1
S3	2.5000	2.4980	-.002	-.080	.09010	.000	1
S4	5.0000	4.9672	-.033	-.656	.17895	.000	1
S5	10.000	10.013	.013	.127	.36051	.001	1

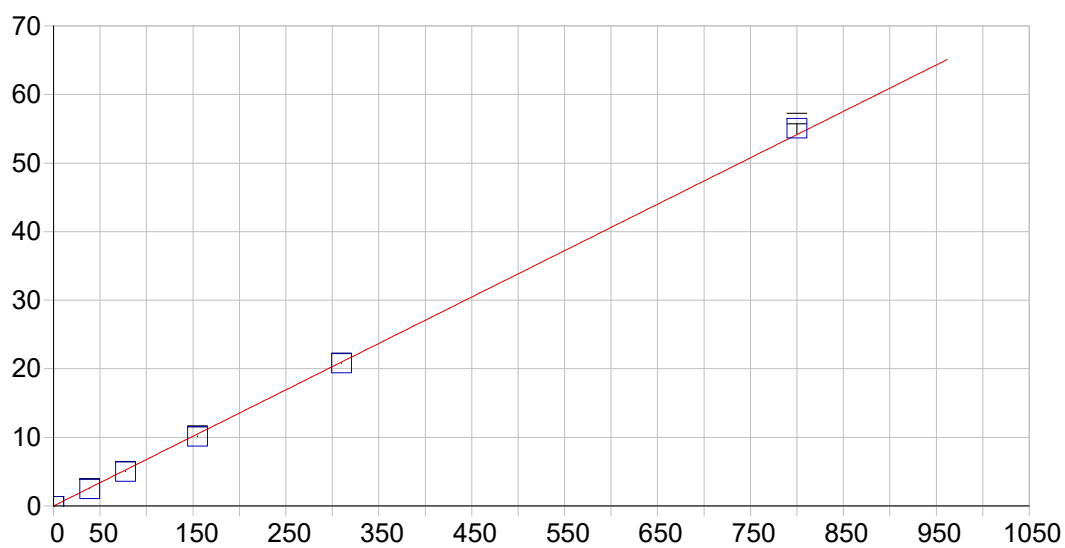


Sb 206.833 {463}

Date of Fit: 11/25/2019 13:14:09 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	0.000647	Re-Slope:	1.000000
A1 (Gain):	0.117819	Y-int:	0.000000
A2 (Curvature):	0.000854		
n (Exponent):	1.000000		
Correlation:	0.999980	Status:	Warning Positive Curvature
Std Error of Est:	0.000037		
Predicted MDL:	0.001773		
Predicted MQL:	0.005910		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00065	.000	1
S1	.06000	.06509	.005	8.49	.00832	.000	1
S2	1.2500	1.2653	.015	1.22	.15109	.001	1
S3	2.5000	2.4954	-.005	-.182	.29997	.002	1
S4	5.0000	4.9717	-.028	-.566	.60751	.000	1
S5	10.000	10.013	.013	.125	1.2659	.002	1

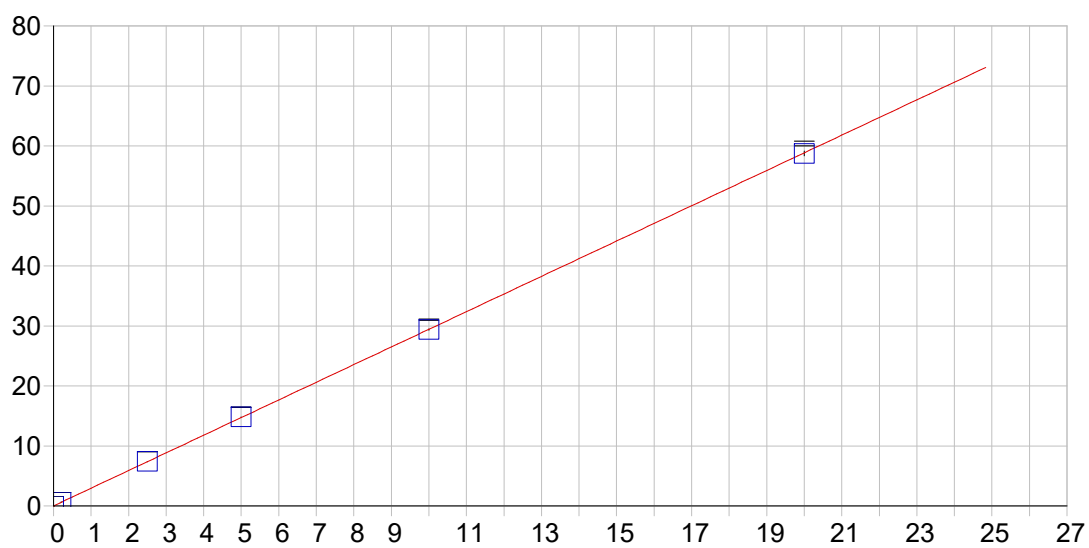


AI 396.152 { 85}

Date of Fit: 11/25/2019 13:14:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.002139	Re-Slope:	1.000000
A1 (Gain):	0.067686	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999750	Status:	OK.
Std Error of Est:	0.000941		
Predicted MDL:	0.011242		
Predicted MQL:	0.037473		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00214	.000	1
S1	.20000	.21485	.015	7.43	.01668	.001	1
S2	38.750	36.675	-2.07	-5.35	2.4845	.016	1
S3	77.500	73.996	-3.50	-4.52	5.0107	.020	1
S4	155.00	149.85	-5.15	-3.32	10.145	.054	1
S5	310.00	307.27	-2.73	-.881	20.800	.025	1
S6	800.00	813.44	13.4	1.68	55.061	.775	1

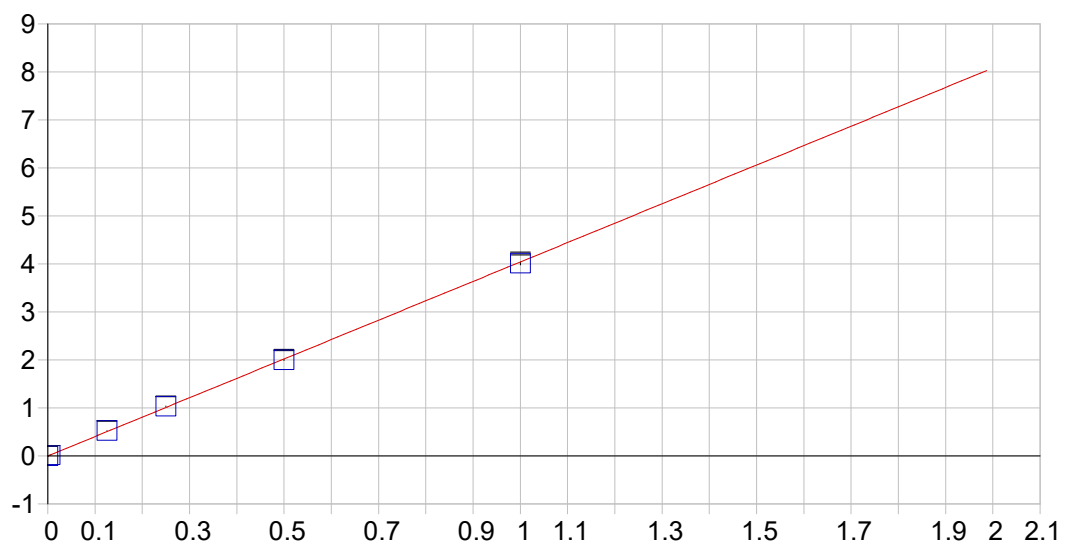


Ba 493.409 { 68}

Date of Fit: 11/25/2019 13:14:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.016379 Re-Slope: 1.000000
 A1 (Gain): 2.941713 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982 Status: OK.
 Std Error of Est: 0.001867
 Predicted MDL: 0.000640
 Predicted MQL: 0.002132

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.01633	.001	1
S1	.20000	.21464	.015	7.32	.64778	.001	1
S2	2.5000	2.5094	.009	.376	7.3983	.020	1
S3	5.0000	5.0270	.027	.541	14.804	.043	1
S4	10.000	9.9871	-.013	-.129	29.396	.103	1
S5	20.000	19.962	-.038	-.191	58.738	.398	1

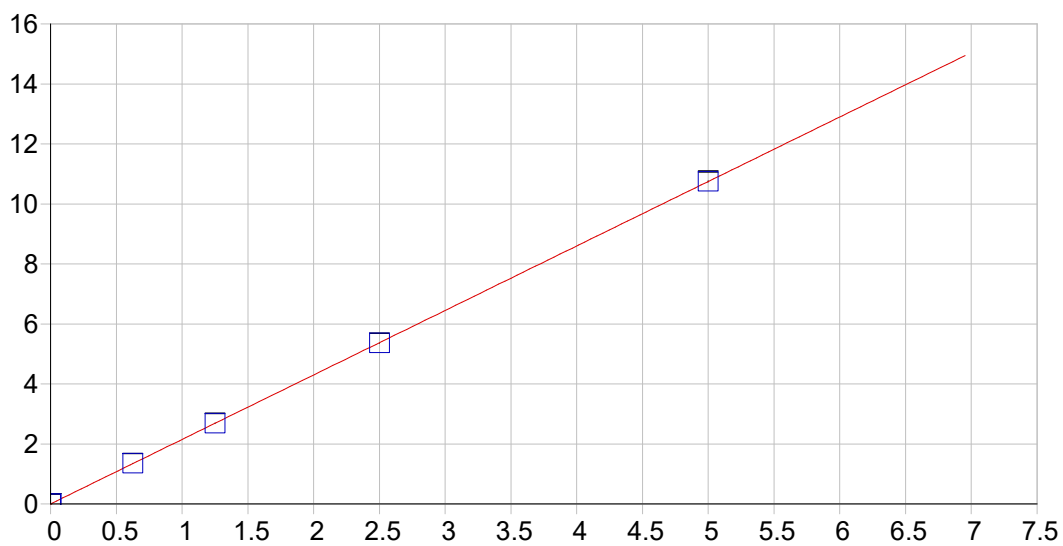


Be 234.861 {144}

Date of Fit: 11/25/2019 13:14:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000744	Re-Slope:	1.000000
A1 (Gain):	4.040613	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999853	Status:	OK.
Std Error of Est:	0.000260		
Predicted MDL:	0.000074		
Predicted MQL:	0.000248		

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	.02214	.000	1
S2	.12500	.12997	.005	3.98	.52442	.003	1
S3	.25000	.25644	.006	2.58	1.0354	.007	1
S4	.50000	.49504	-.005	-.993	1.9995	.013	1
S5	1.0000	.99289	-.007	-.711	4.0111	.028	1

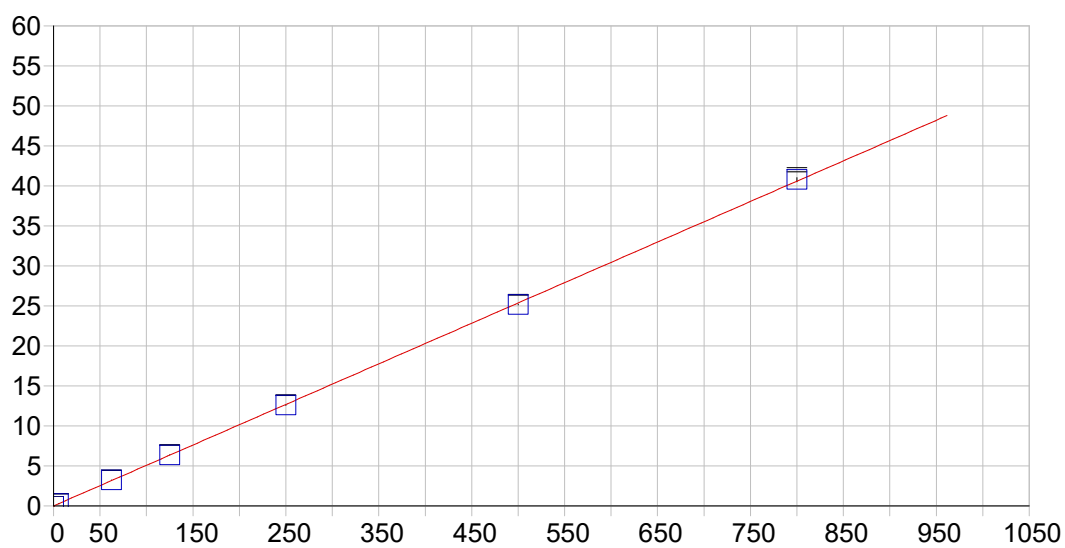


Cd 214.438 {457}

Date of Fit: 11/25/2019 13:14:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000100	Re-Slope:	1.000000
A1 (Gain):	2.149513	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999997	Status:	OK.
Std Error of Est:	0.000047		
Predicted MDL:	0.000087		
Predicted MQL:	0.000290		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00010	.000	1
S1	.00500	.00538	.000	7.58	.01166	.000	1
S2	.62500	.62851	.004	.562	1.3511	.004	1
S3	1.2500	1.2497	-.000	-.023	2.6864	.014	1
S4	2.5000	2.4942	-.006	-.233	5.3613	.006	1
S5	5.0000	5.0022	.002	.045	10.752	.021	1

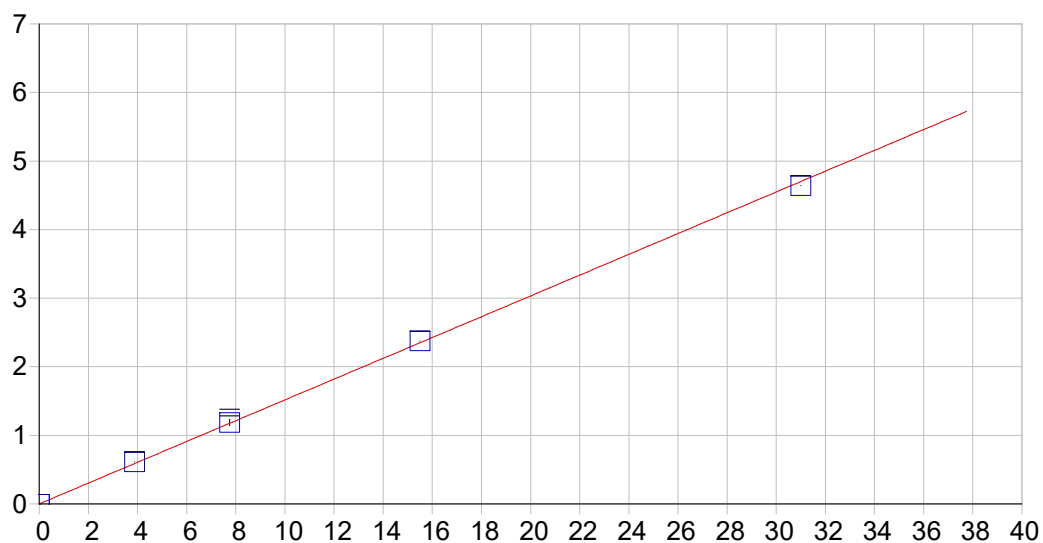


Ca 373.690 { 90}

Date of Fit: 11/25/2019 13:14:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000484 Re-Slope: 1.000000
 A1 (Gain): 0.050739 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962 Status: OK.
 Std Error of Est: 0.001536
 Predicted MDL: 0.012856
 Predicted MQL: 0.042855

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00052	-.001	.000	.00046	.000	1
S1	5.0000	5.4682	.468	9.36	.27794	.001	1
S2	62.500	63.474	.974	1.56	3.2211	.013	1
S3	125.00	125.65	.648	.519	6.3758	.026	1
S4	250.00	248.41	-1.59	-.635	12.605	.033	1
S5	500.00	495.57	-4.43	-.886	25.145	.040	1
S6	800.00	803.92	3.92	.491	40.791	.261	1

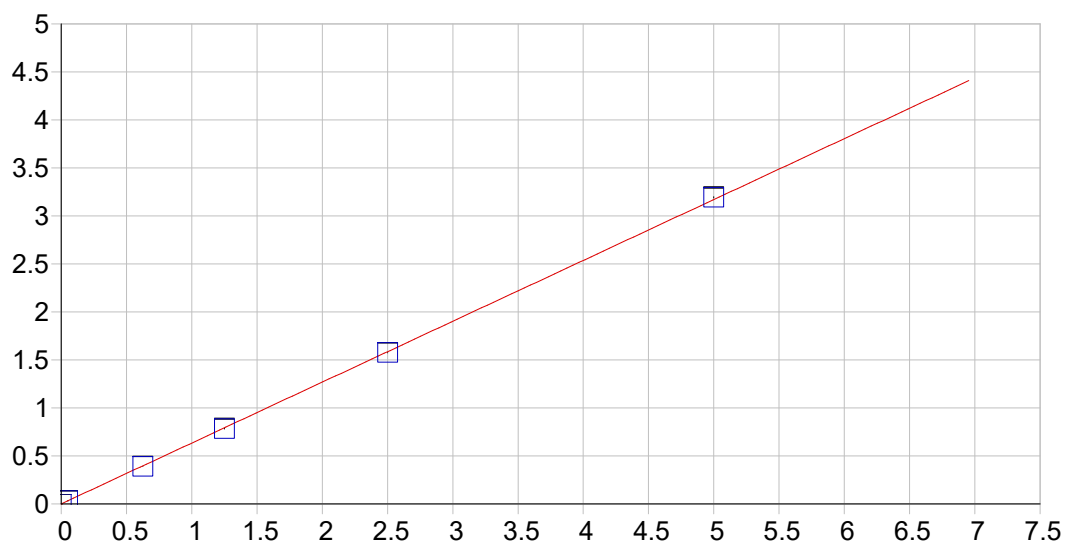


Cr 267.716 {126}

Date of Fit: 11/25/2019 13:14:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000075 Re-Slope: 1.000000
 A1 (Gain): 0.151645 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999872 Status: OK.
 Std Error of Est: 0.000072
 Predicted MDL: 0.000507
 Predicted MQL: 0.001691

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00007	.000	1
S1	.01000	.01169	.002	16.9	.00185	.000	1
S2	3.8750	4.0409	.166	4.28	.61286	.002	1
S3	7.7500	7.8312	.081	1.05	1.1876	.048	1
S4	15.500	15.650	.150	.970	2.3734	.003	1
S5	31.000	30.601	-.399	-1.29	4.6405	.002	1

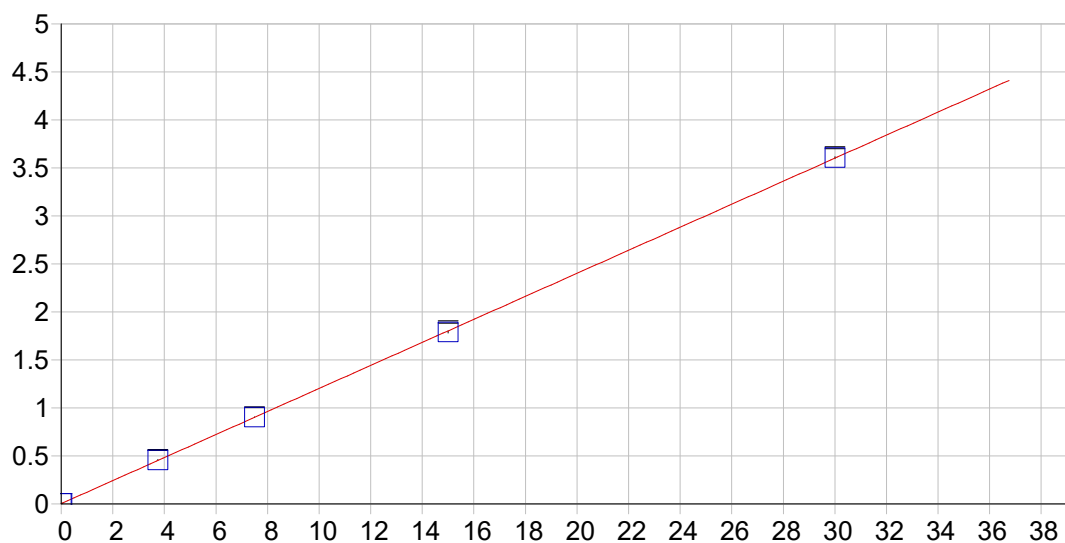


Co 228.616 {448}

Date of Fit: 11/25/2019 13:14:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000311 Re-Slope: 1.000000
A1 (Gain): 0.634033 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999964 Status: OK.
Std Error of Est: 0.000143
Predicted MDL: 0.000288
Predicted MQL: 0.000961

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00031	.000	1
S1	.05000	.05154	.002	3.08	.03299	.000	1
S2	.62500	.61684	-.008	-1.30	.39141	.001	1
S3	1.2500	1.2361	-.014	-1.11	.78406	.005	1
S4	2.5000	2.4838	-.016	-.649	1.5751	.002	1
S5	5.0000	5.0367	.037	.734	3.1937	.006	1

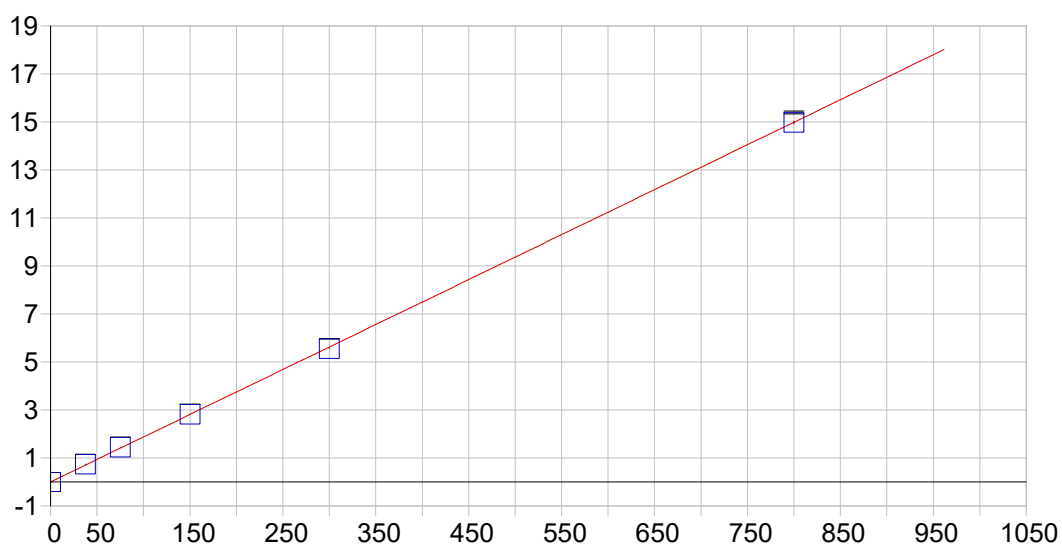


Cu 324.754 {104}

Date of Fit: 11/25/2019 13:14:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.003276	Re-Slope:	1.000000
A1 (Gain):	0.119939	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999990	Status:	OK.
Std Error of Est:	0.000025		
Predicted MDL:	0.003257		
Predicted MQL:	0.010855		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00328	.000	1
S1	.02500	.02654	.002	6.16	.00646	.000	1
S2	3.7500	3.7899	.040	1.06	.45783	.005	1
S3	7.5000	7.5027	.003	.036	.90315	.004	1
S4	15.000	14.910	-.090	-.599	1.7916	.010	1
S5	30.000	30.046	.046	.153	3.6069	.010	1

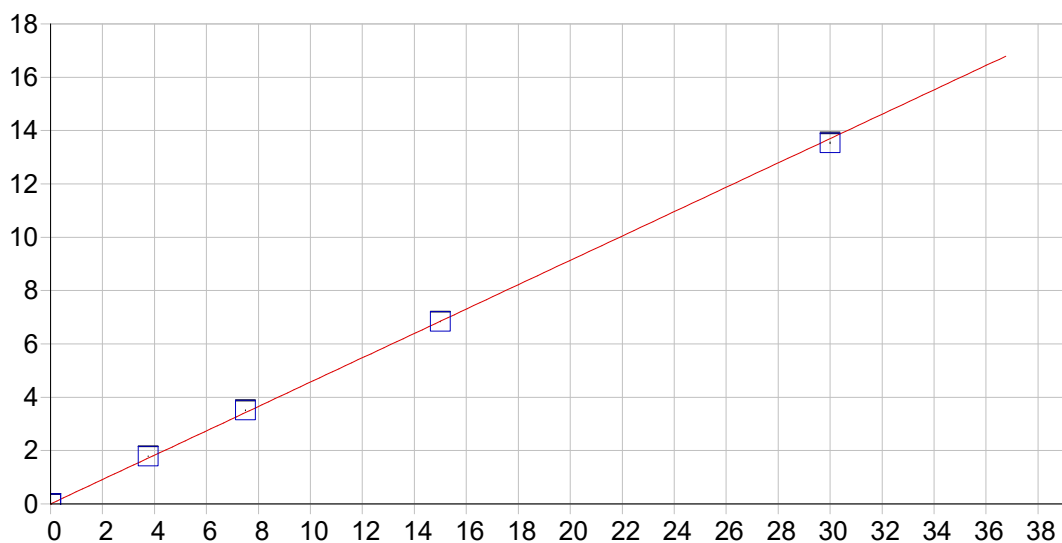


Fe 259.837 {130}

Date of Fit: 11/25/2019 13:14:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000121 Re-Slope: 1.000000
 A1 (Gain): 0.018732 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932 Status: OK.
 Std Error of Est: 0.000095
 Predicted MDL: 0.010248
 Predicted MQL: 0.034159

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00012	.000	1
S1	.10000	.11479	.015	14.8	.00227	.000	1
S2	37.500	39.193	1.69	4.52	.73431	.003	1
S3	75.000	77.157	2.16	2.88	1.4454	.004	1
S4	150.00	150.36	.358	.238	2.8167	.008	1
S5	300.00	296.38	-3.62	-1.21	5.5520	.008	1
S6	800.00	799.40	-.601	-.075	14.975	.061	1

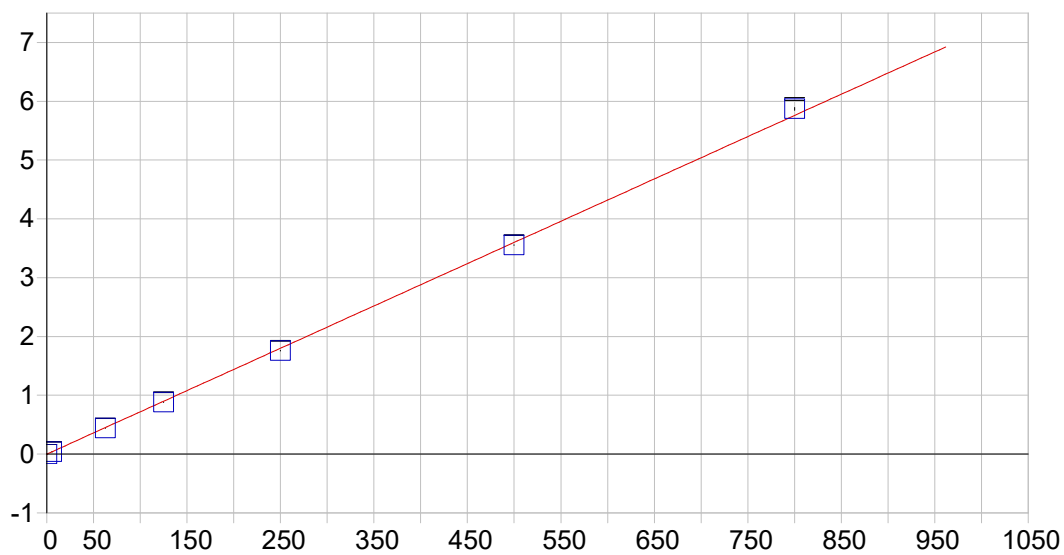


Mn 257.610 {131}

Date of Fit: 11/25/2019 13:14:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000399 Re-Slope: 1.000000
 A1 (Gain): 0.456659 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999849 Status: OK.
 Std Error of Est: 0.000282
 Predicted MDL: 0.000484
 Predicted MQL: 0.001614

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00040	.000	1
S1	.01500	.01777	.003	18.5	.00851	.000	1
S2	3.7500	3.9167	.167	4.45	1.7890	.008	1
S3	7.5000	7.6927	.193	2.57	3.5133	.016	1
S4	15.000	14.987	-.013	-.087	6.8443	.013	1
S5	30.000	29.651	-.349	-1.16	13.541	.028	1

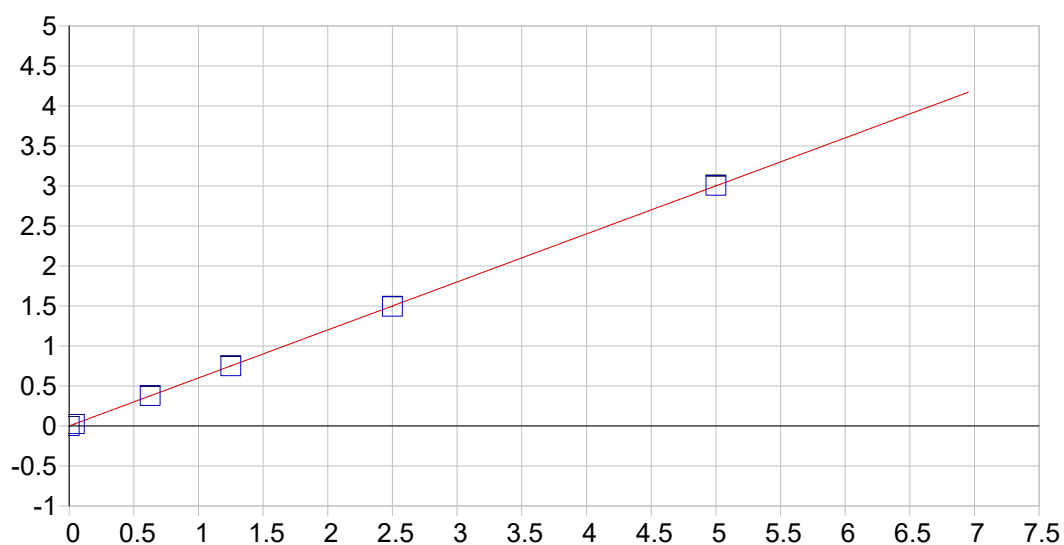


Mg 279.079 {121}

Date of Fit: 11/25/2019 13:14:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000162	Re-Slope:	1.000000
A1 (Gain):	0.007200	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999824	Status:	OK.
Std Error of Est:	0.000472		
Predicted MDL:	0.032485		
Predicted MQL:	0.108284		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00005	.000	.000	-.00016	.000	1
S1	5.0000	5.2482	.248	4.96	.03762	.001	1
S2	62.500	61.160	-1.34	-2.14	.44016	.001	1
S3	125.00	122.34	-2.66	-2.13	.88065	.005	1
S4	250.00	244.09	-5.91	-2.36	1.7572	.005	1
S5	500.00	494.02	-5.98	-1.20	3.5566	.006	1
S6	800.00	815.63	15.6	1.95	5.8720	.024	1

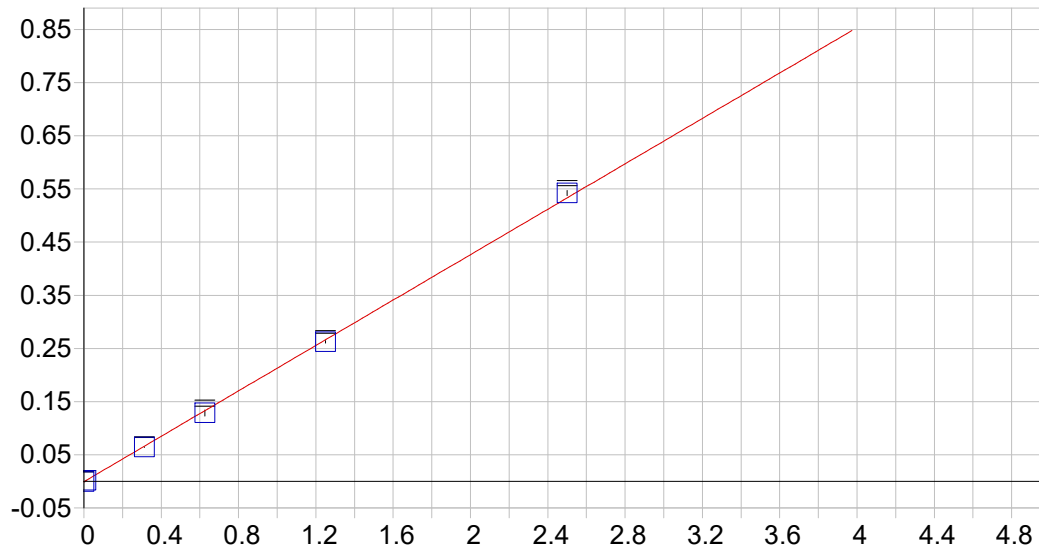


Ni 231.604 {446}

Date of Fit: 11/25/2019 13:14:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001120	Re-Slope:	1.000000
A1 (Gain):	0.600399	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999981	Status:	OK.
Std Error of Est:	0.000088		
Predicted MDL:	0.000397		
Predicted MQL:	0.001324		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00112	.000	1
S1	.04000	.04337	.003	8.42	.02492	.000	1
S2	.62500	.62722	.002	.355	.37546	.002	1
S3	1.2500	1.2470	-.003	-.243	.74755	.005	1
S4	2.5000	2.4893	-.011	-.429	1.4934	.003	1
S5	5.0000	5.0082	.008	.164	3.0058	.005	1

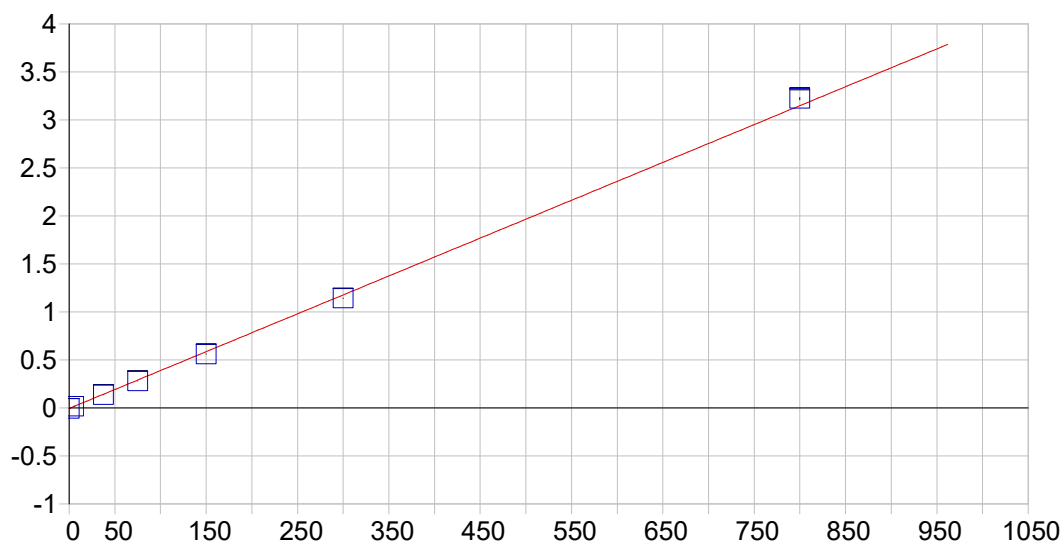


Ag 328.068 {103}

Date of Fit: 11/25/2019 13:14:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000725 Re-Slope: 1.000000
 A1 (Gain): 0.213567 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999811 Status: OK.
 Std Error of Est: 0.000035
 Predicted MDL: 0.000568
 Predicted MQL: 0.001894

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00072	.000	1
S1	.01000	.01067	.001	6.68	.00155	.000	1
S2	.31250	.30599	-.007	-2.08	.06462	.001	1
S3	.62500	.60551	-.019	-3.12	.12859	.006	1
S4	1.2500	1.2323	-.018	-1.41	.26246	.002	1
S5	2.5000	2.5430	.043	1.72	.54238	.005	1

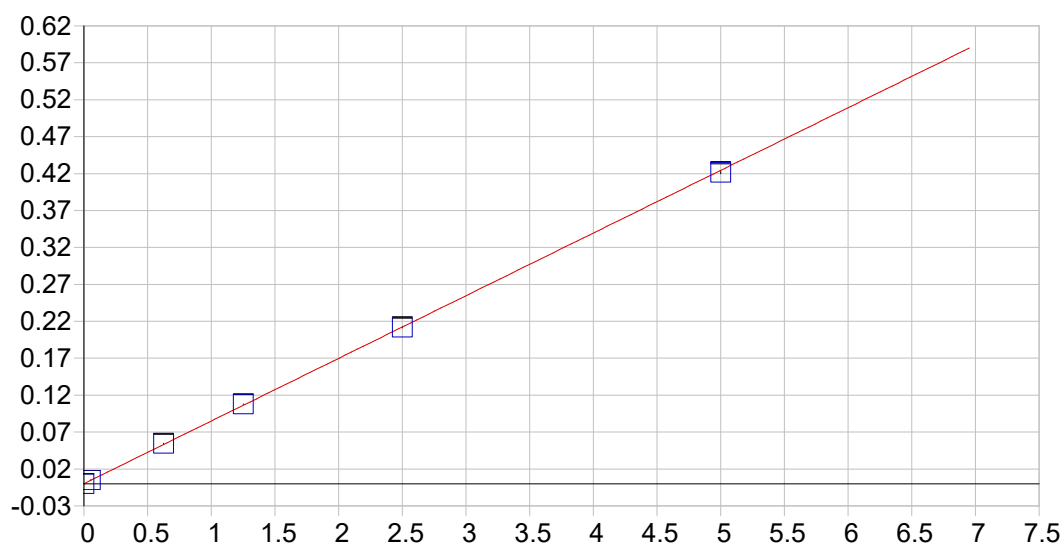


Na 818.326 { 41}

Date of Fit: 11/25/2019 13:14:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.005317	Re-Slope:	1.000000
A1 (Gain):	0.003942	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999601	Status:	OK.
Std Error of Est:	0.000344		
Predicted MDL:	0.309580		
Predicted MQL:	1.031934		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00035	.000	.000	-.00532	.000	1
S1	5.0000	5.2242	.224	4.48	.01528	.000	1
S2	37.500	36.243	-1.26	-3.35	.13756	.001	1
S3	75.000	72.485	-2.52	-3.35	.28044	.002	1
S4	150.00	143.69	-6.31	-4.20	.56117	.002	1
S5	300.00	291.23	-8.77	-2.92	1.1428	.002	1
S6	800.00	818.63	18.6	2.33	3.2220	.011	1

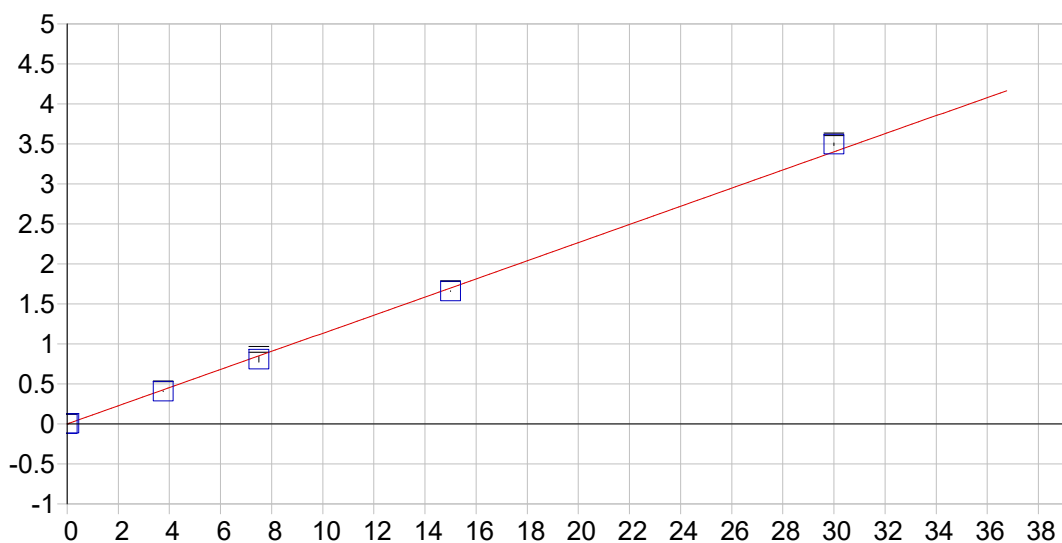


V 292.402 {115}

Date of Fit: 11/25/2019 13:14:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000109 Re-Slope: 1.000000
 A1 (Gain): 0.084852 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999880 Status: OK.
 Std Error of Est: 0.000035
 Predicted MDL: 0.003572
 Predicted MQL: 0.011908

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00011	.000	1
S1	.05000	.05828	.008	16.6	.00505	.000	1
S2	.62500	.63926	.014	2.28	.05435	.001	1
S3	1.2500	1.2694	.019	1.55	.10782	.000	1
S4	2.5000	2.4940	-.006	-.239	.21173	.001	1
S5	5.0000	4.9641	-.036	-.719	.42132	.002	1

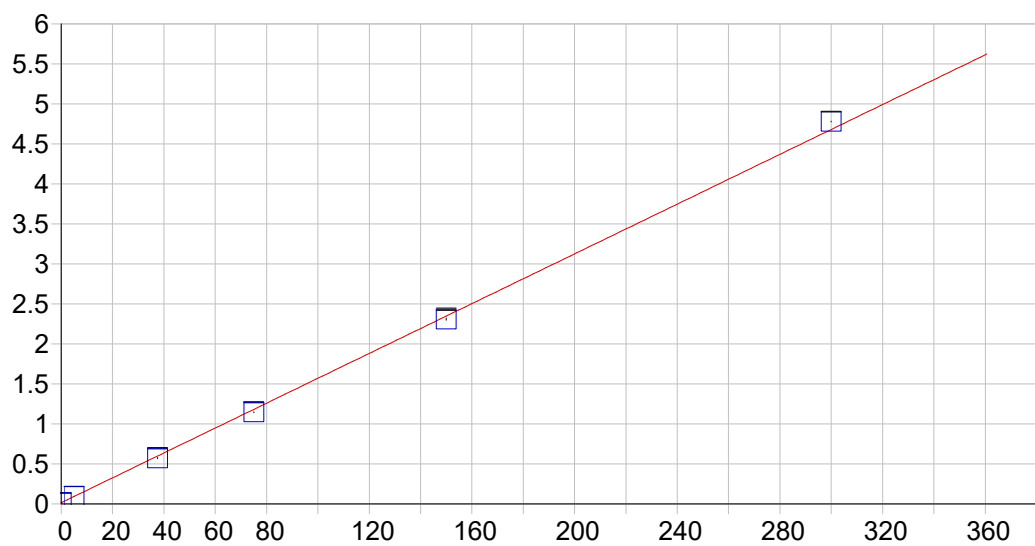


Zn 213.856 {158}

Date of Fit: 11/25/2019 13:14:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000414 Re-Slope: 1.000000
 A1 (Gain): 0.113350 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999475 Status: OK.
 Std Error of Est: 0.000261
 Predicted MDL: 0.003709
 Predicted MQL: 0.012362

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00042	.000	1
S1	.06000	.07600	.016	26.7	.00820	.001	1
S2	3.7500	3.6120	-.138	-3.68	.40901	.004	1
S3	7.5000	7.1394	-.361	-4.81	.80884	.036	1
S4	15.000	14.638	-.362	-2.41	1.6588	.005	1
S5	30.000	30.844	.844	2.81	3.4958	.015	1

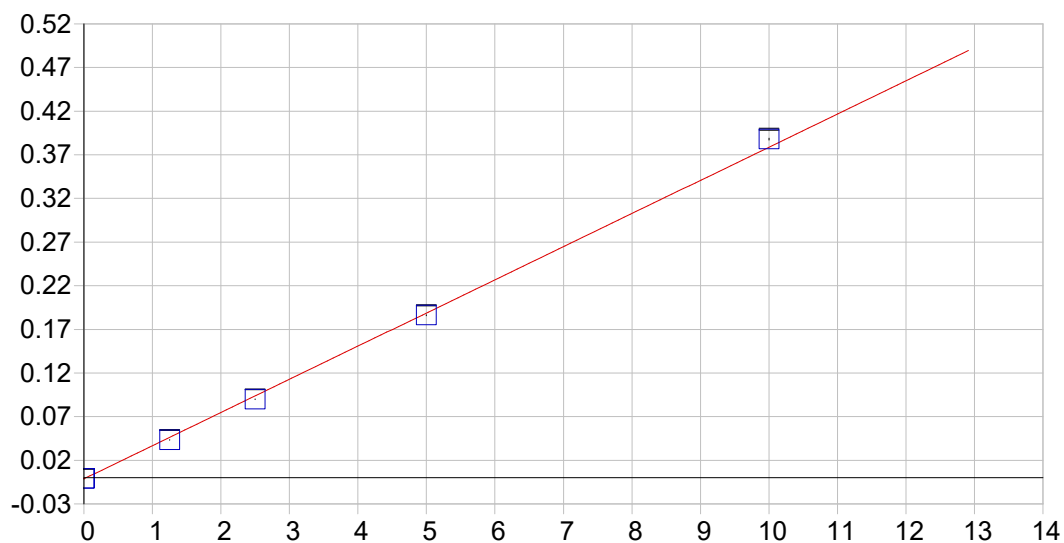


K 769.896 { 44}

Date of Fit: 11/25/2019 13:14:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.015116 Re-Slope: 1.000000
A1 (Gain): 0.015552 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999717 Status: OK.
Std Error of Est: 0.000763
Predicted MDL: 0.087274
Predicted MQL: 0.290915

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00028	.000	.000	.01512	.001	1
S1	5.0000	5.0776	.078	1.55	.09408	.001	1
S2	37.500	35.790	-1.71	-4.56	.57172	.006	1
S3	75.000	72.796	-2.20	-2.94	1.1472	.006	1
S4	150.00	147.47	-2.53	-1.68	2.3086	.013	1
S5	300.00	306.36	6.36	2.12	4.7797	.004	1

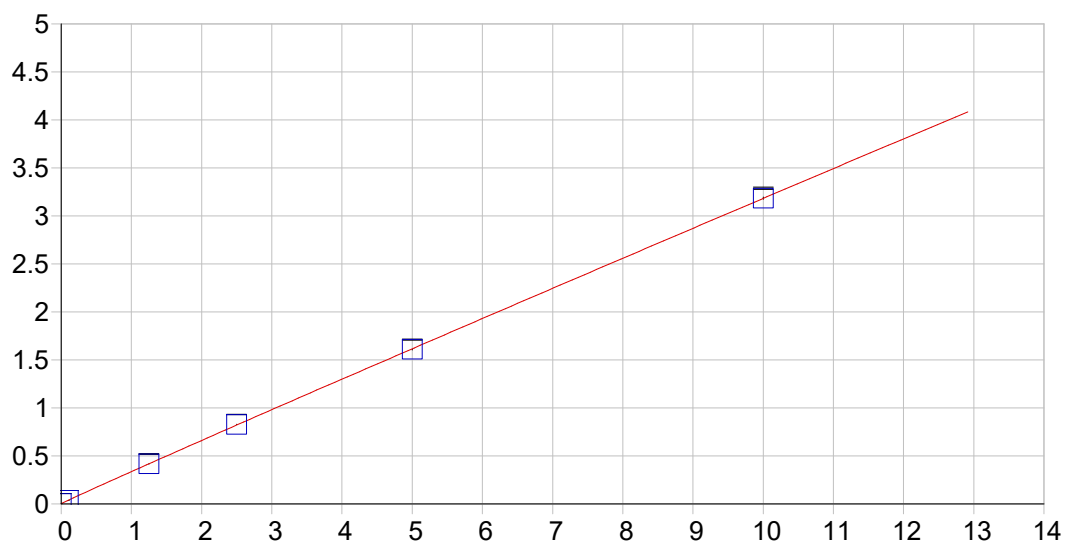


P 177.495 {490}

Date of Fit: 11/25/2019 13:14:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001206 Re-Slope: 1.000000
 A1 (Gain): 0.037992 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999587 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.002684
 Predicted MQL: 0.008947

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00121	.000	1
S1	.01000	.00980	-.000	-2.00	-.00083	.000	1
S2	1.2500	1.1728	-.077	-6.17	.04335	.000	1
S3	2.5000	2.4019	-.098	-3.92	.09005	.000	1
S4	5.0000	4.9317	-.068	-1.37	.18616	.001	1
S5	10.000	10.244	.244	2.44	.38798	.001	1

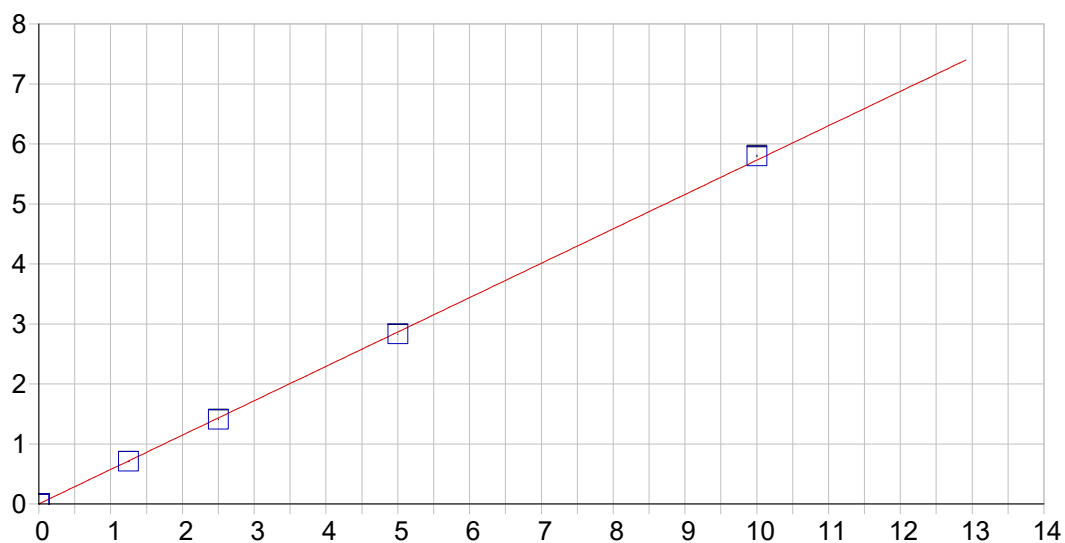


B 249.678 {135}

Date of Fit: 11/25/2019 13:14:09 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset):	0.002708	Re-Slope:	1.000000
A1 (Gain):	0.333579	Y-int:	0.000000
A2 (Curvature):	-0.000070		
n (Exponent):	0.980000		
Correlation:	0.999992	Status:	OK.
Std Error of Est:	0.000095		
Predicted MDL:	0.000993		
Predicted MQL:	0.003311		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00271	.000	1
S1	.10000	.09842	-.002	-1.58	.03710	.000	1
S2	1.2500	1.2460	-.004	-.319	.41642	.002	1
S3	2.5000	2.5205	.021	.820	.82766	.003	1
S4	5.0000	4.9794	-.021	-.413	1.6096	.005	1
S5	10.000	10.006	.006	.058	3.1837	.012	1

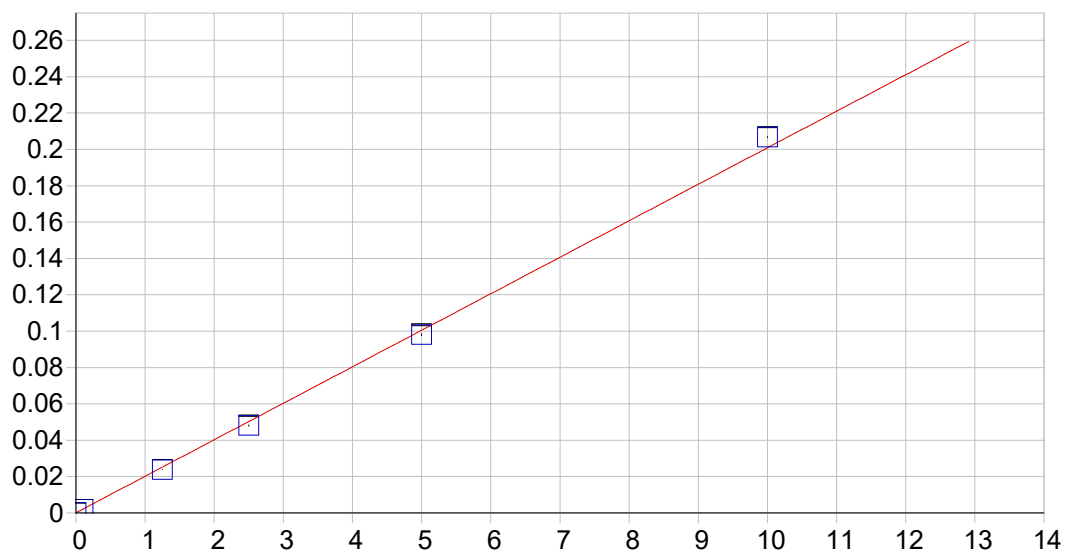


Mo 202.030 {467}

Date of Fit: 11/25/2019 13:14:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000568 Re-Slope: 1.000000
 A1 (Gain): 0.572946 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999918 Status: OK.
 Std Error of Est: 0.000123
 Predicted MDL: 0.000320
 Predicted MQL: 0.001065

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00057	.000	1
S1	.01000	.01070	.001	6.97	.00670	.000	1
S2	1.2500	1.2338	-.016	-1.29	.70749	.001	1
S3	2.5000	2.4591	-.041	-1.64	1.4095	.006	1
S4	5.0000	4.9381	-.062	-1.24	2.8298	.002	1
S5	10.000	10.118	.118	1.18	5.7978	.013	1

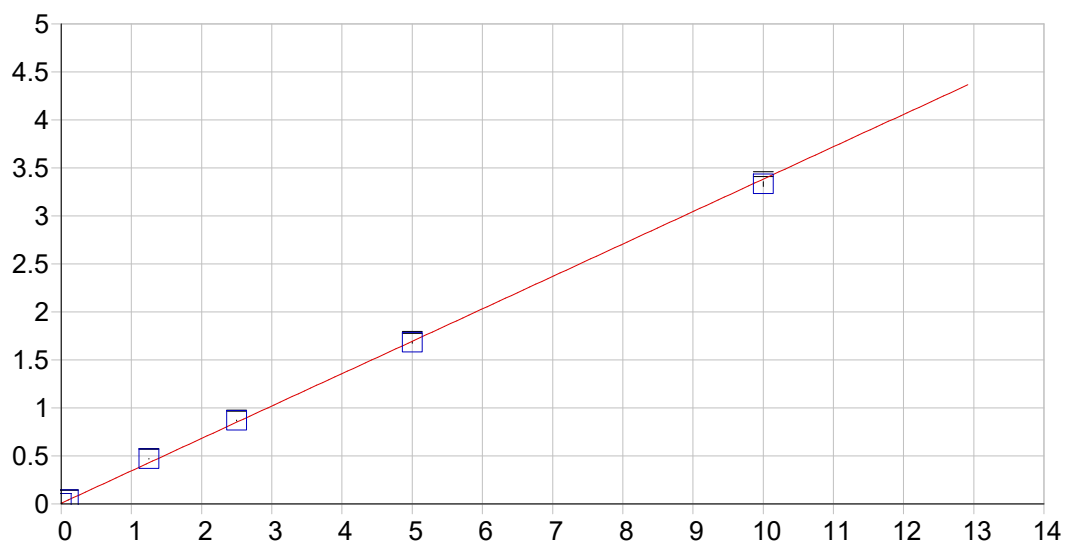


S 182.034 {485}

Date of Fit: 11/25/2019 13:14:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000092 Re-Slope: 1.000000
 A1 (Gain): 0.020080 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999480 Status: OK.
 Std Error of Est: 0.000034
 Predicted MDL: 0.004764
 Predicted MQL: 0.015879

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00009	.000	1
S1	.10000	.09872	-.001	-1.28	.00207	.000	1
S2	1.2500	1.1830	-.067	-5.36	.02385	.000	1
S3	2.5000	2.3918	-.108	-4.33	.04812	.000	1
S4	5.0000	4.8832	-.117	-2.34	.09814	.001	1
S5	10.000	10.293	.293	2.93	.20678	.000	1

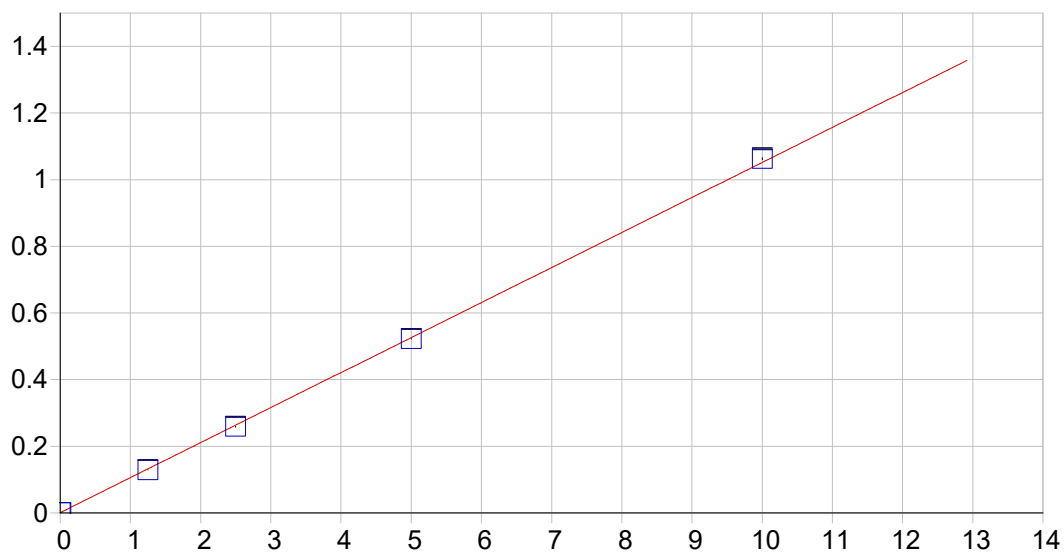


Si 251.611 {134}

Date of Fit: 11/25/2019 13:14:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006736 Re-Slope: 1.000000
 A1 (Gain): 0.337553 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999578 Status: OK.
 Std Error of Est: 0.000521
 Predicted MDL: 0.001098
 Predicted MQL: 0.003660

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00673	.000	1
S1	.10000	.10498	.005	4.98	.04217	.001	1
S2	1.2500	1.3730	.123	9.84	.47020	.003	1
S3	2.5000	2.5531	.053	2.12	.86855	.004	1
S4	5.0000	4.9678	-.032	-.644	1.6836	.011	1
S5	10.000	9.8511	-.149	-1.49	3.3320	.025	1

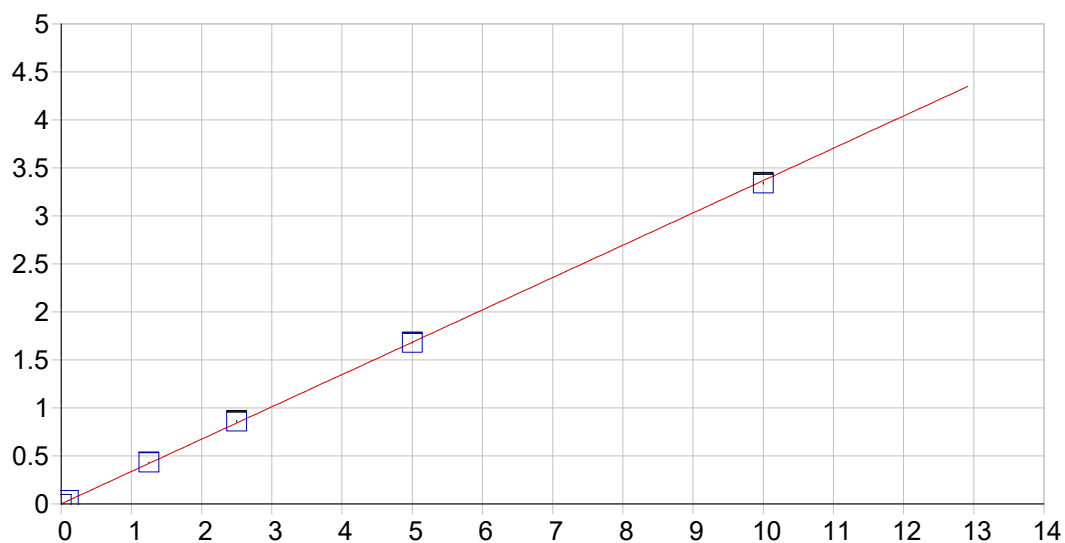


Sn 189.989 {478}

Date of Fit: 11/25/2019 13:14:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000752	Re-Slope:	1.000000
A1 (Gain):	0.105081	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999914	Status:	OK.
Std Error of Est:	0.000019		
Predicted MDL:	0.001020		
Predicted MQL:	0.003399		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00075	.000	1
S1	.00700	.00548	-.002	-21.7	.00133	.000	1
S2	1.2500	1.2182	-.032	-2.54	.12876	.000	1
S3	2.5000	2.4596	-.040	-1.62	.25921	.001	1
S4	5.0000	4.9643	-.036	-.714	.52241	.001	1
S5	10.000	10.109	.109	1.09	1.0631	.003	1

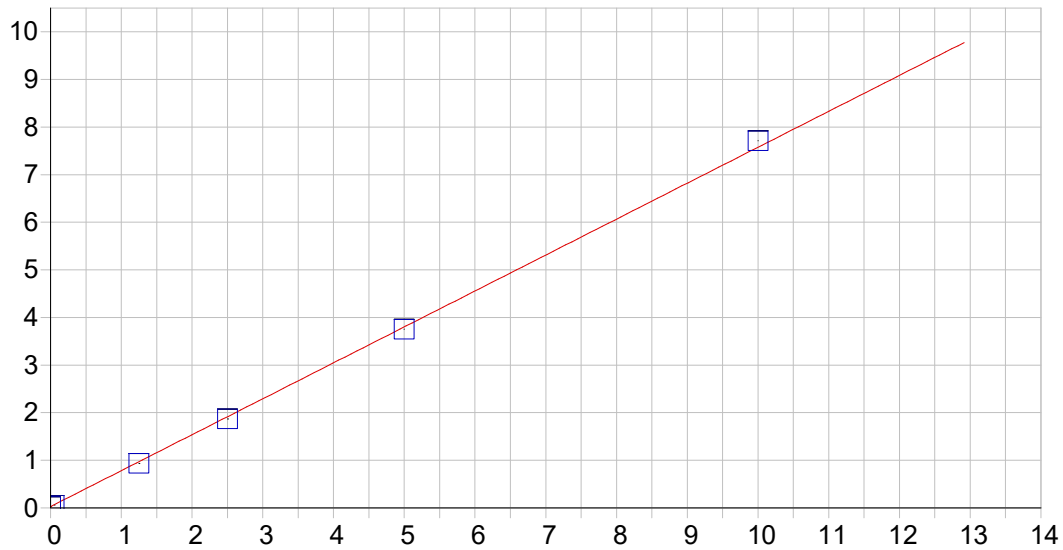


Ti 336.121 {100}

Date of Fit: 11/25/2019 13:14:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000996 Re-Slope: 1.000000
 A1 (Gain): 0.336673 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999913 Status: OK.
 Std Error of Est: 0.000236
 Predicted MDL: 0.001417
 Predicted MQL: 0.004722

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00099	.000	1
S1	.10000	.10700	.007	7.00	.03702	.001	1
S2	1.2500	1.2852	.035	2.82	.43370	.003	1
S3	2.5000	2.5525	.052	2.10	.86034	.008	1
S4	5.0000	4.9870	-.013	-.260	1.6800	.006	1
S5	10.000	9.9183	-.082	-.817	3.3402	.010	1

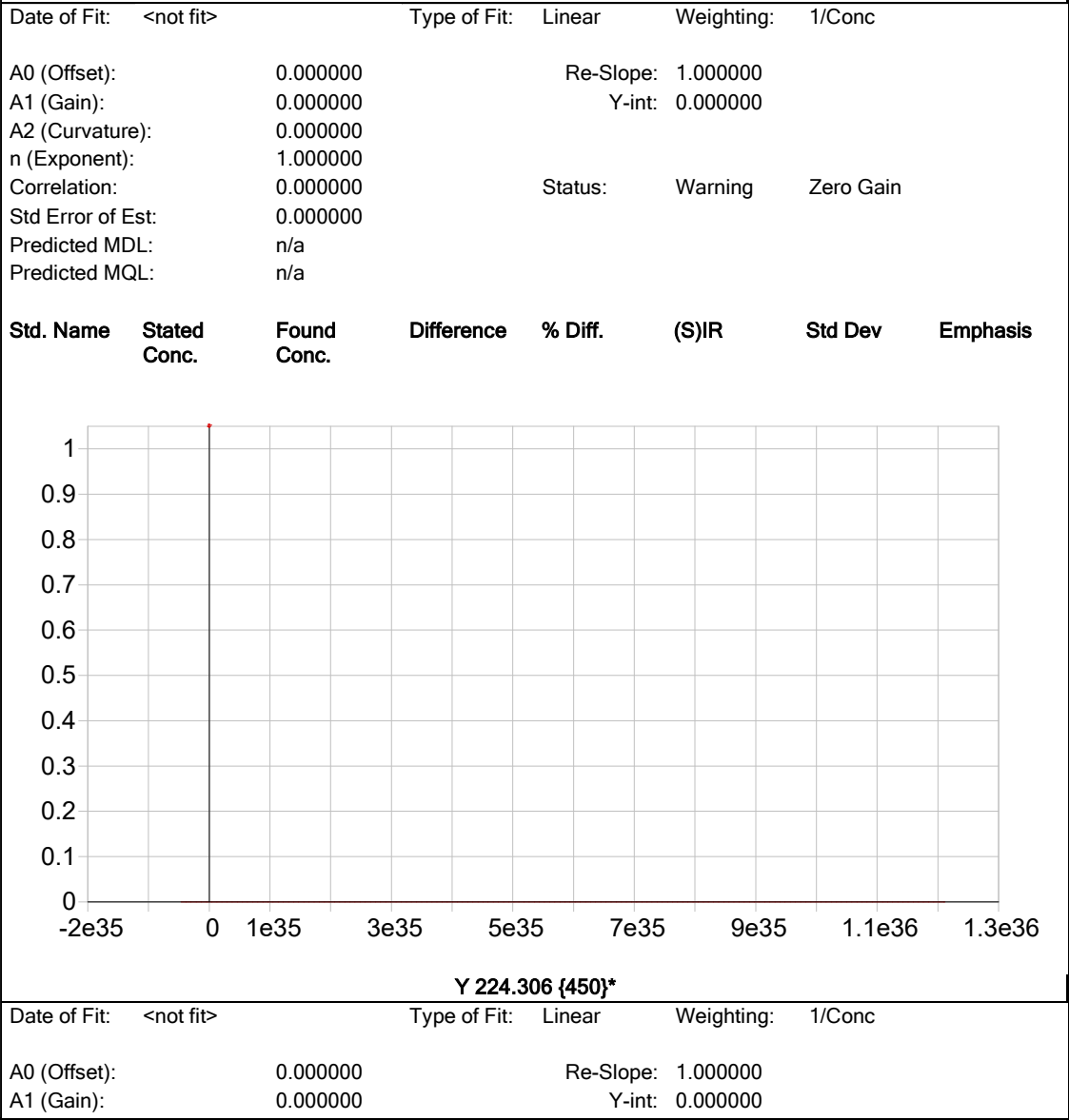
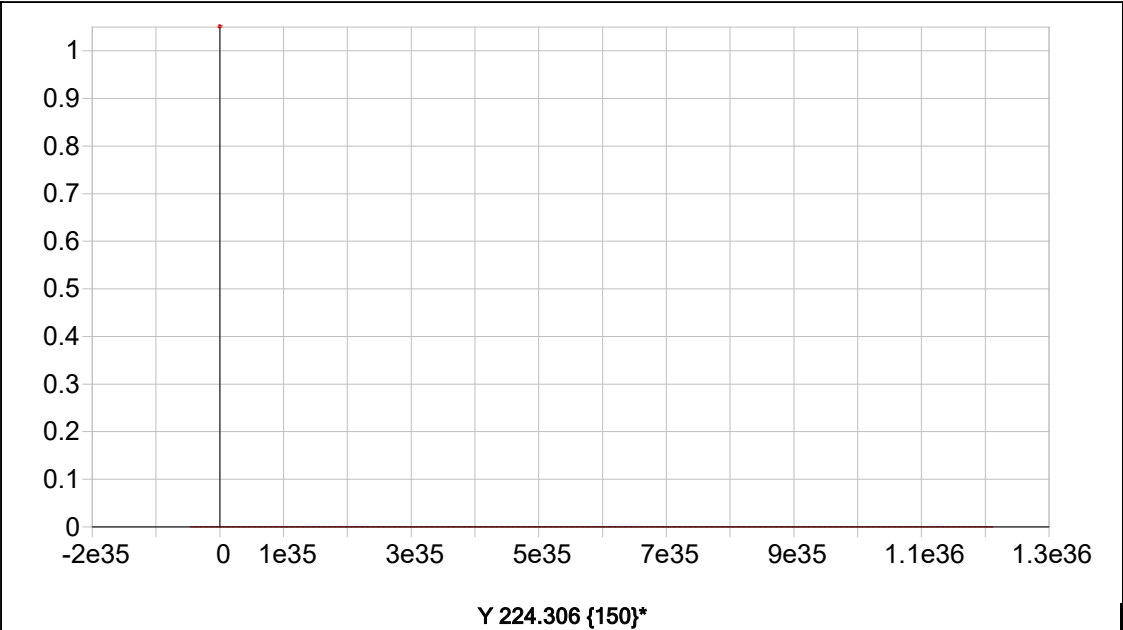


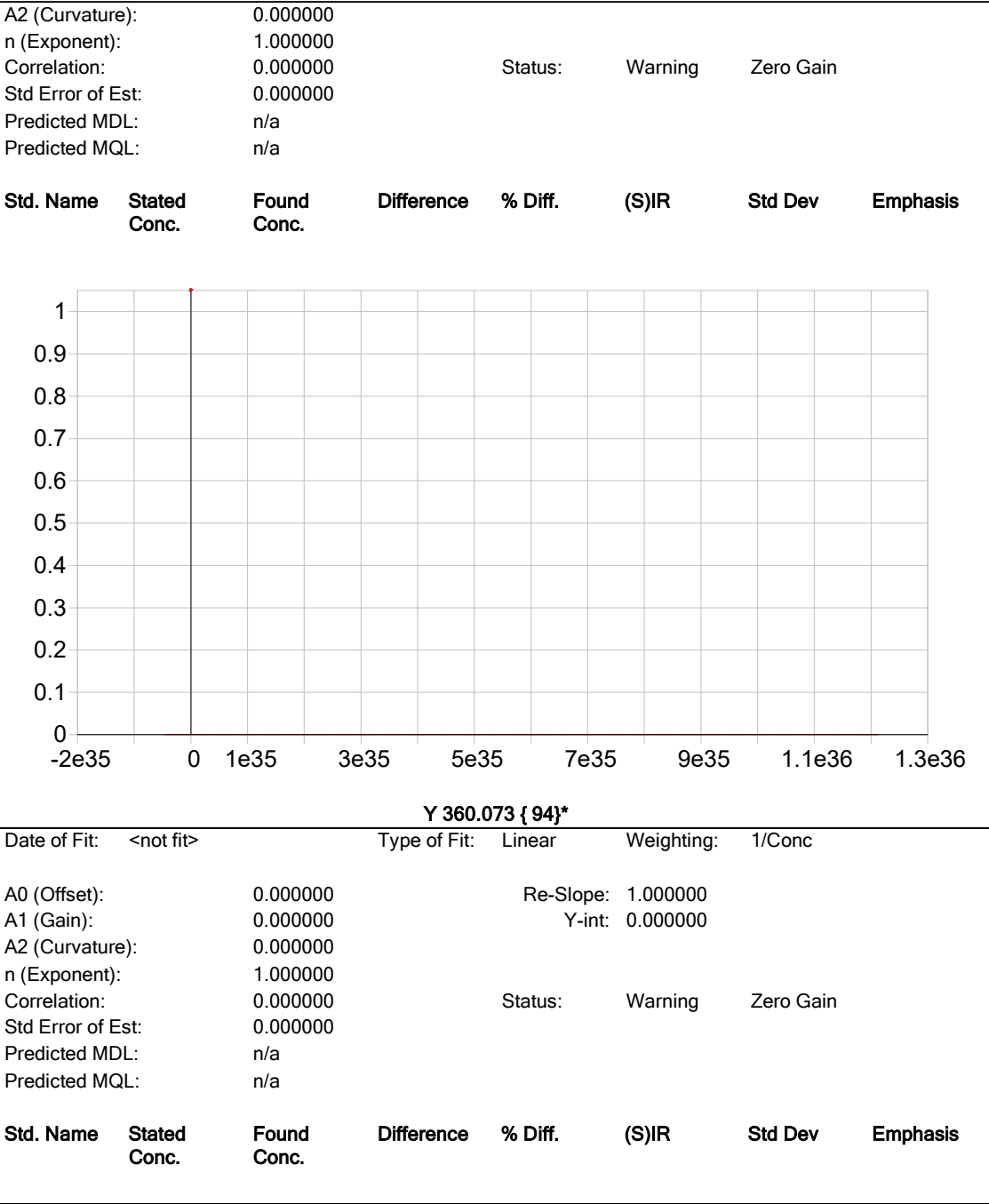
Li 670.784 { 50}

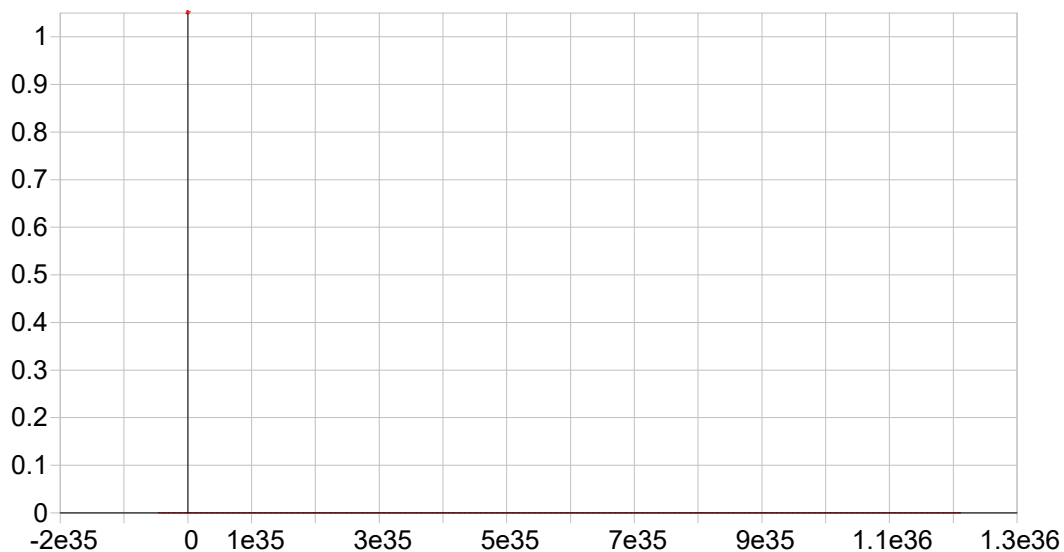
Date of Fit: 11/25/2019 13:14:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.027971 Re-Slope: 1.000000
 A1 (Gain): 0.754813 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999773 Status: OK.
 Std Error of Est: 0.000603
 Predicted MDL: 0.001996
 Predicted MQL: 0.006652

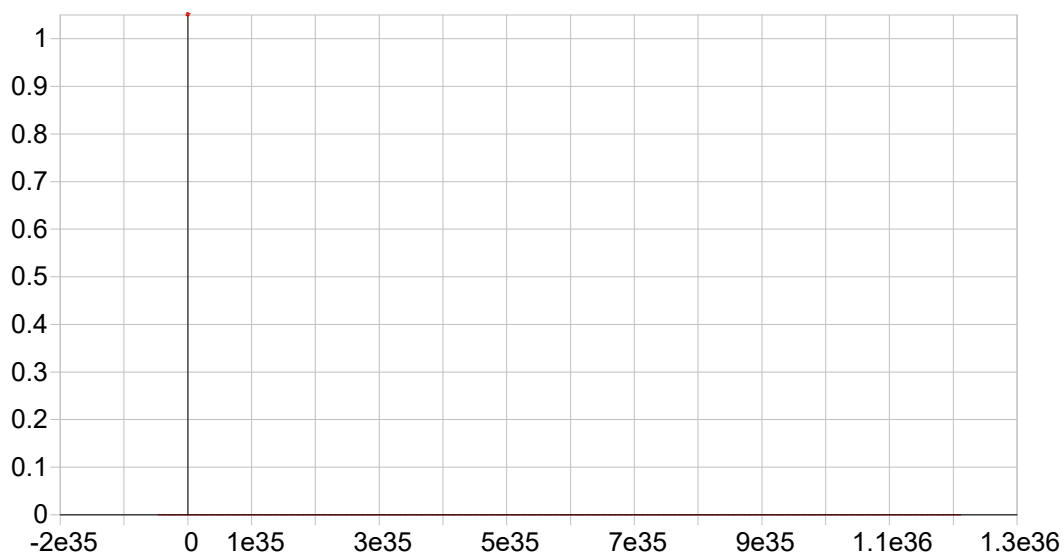
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.02798	.001	1
S5	10.000	10.181	.181	1.81	7.7128	.004	1
S4	5.0000	4.9356	-.064	-1.29	3.7534	.005	1
S3	2.5000	2.4382	-.062	-2.47	1.8683	.002	1
S2	1.2500	1.2025	-.048	-3.80	.93562	.001	1
S1	.05000	.04263	-.007	-14.7	.06015	.002	1

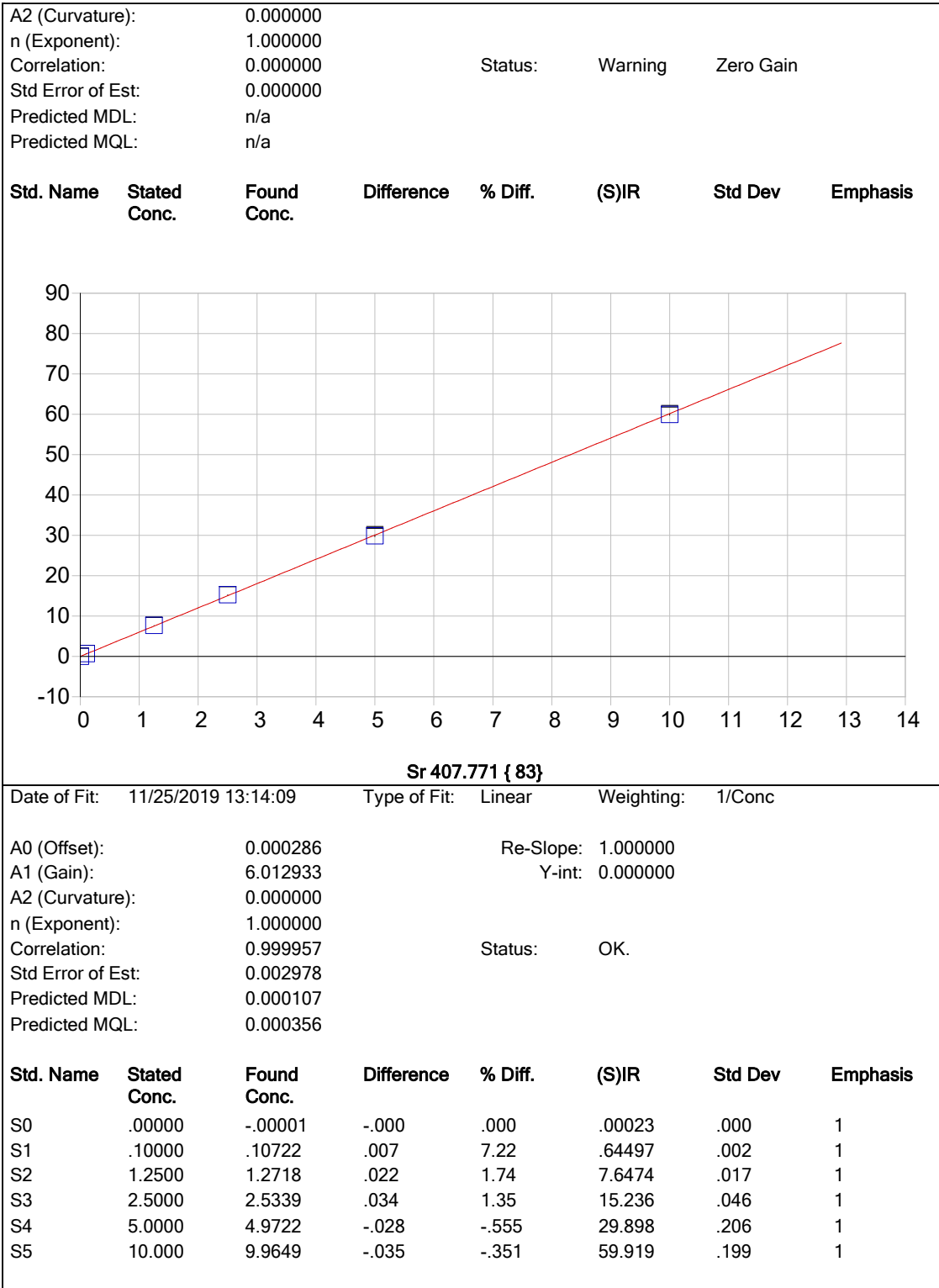






Y 371.030 { 91}*





Sample Name: S0 Acquired: 11/25/2019 12:04:32 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) 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	-.00018	-.00049	.00025	.00021	.00065	.00214	.01633	-.00075
Stddev	.00007	.00001	.00004	.00004	.00023	.00045	.00112	.00004
%RSD	40.762	2.8914	14.109	19.017	35.778	20.809	6.8755	5.2434

#1	-.00027	-.00050	.00023	.00021	.00040	.00265	.01575	-.00079
#2	-.00013	-.00048	.00023	.00017	.00068	.00190	.01562	-.00074
#3	-.00015	-.00048	.00029	.00025	.00086	.00186	.01763	-.00071

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	.00046	.00007	.00031	.00328	.00012	.00040	-.00016
Stddev	.00004	.00026	.00004	.00006	.00034	.00023	.00019	.00022
%RSD	45.140	56.159	59.998	19.092	10.372	190.54	46.919	136.26

#1	.00014	.00075	.00003	.00037	.00360	.00031	.00035	-.00039
#2	.00011	.00036	.00007	.00032	.00330	-.00014	.00024	-.00014
#3	.00005	.00026	.00012	.00025	.00292	.00019	.00060	.00005

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00112	-.00072	-.00532	.00011	-.00042	.01512	-.00121	.00271
Stddev	.00009	.00012	.00020	.00030	.00038	.00144	.00011	.00027
%RSD	7.6778	16.960	3.8548	280.23	91.762	9.5163	8.8245	9.8549

#1	-.00118	-.00058	-.00540	-.00019	-.00064	.01391	-.00127	.00294
#2	-.00117	-.00080	-.00546	.00042	-.00063	.01473	-.00126	.00277
#3	-.00102	-.00079	-.00508	.00010	.00002	.01671	-.00108	.00242

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	.00057	.00009	.00673	.00075	.00099	.02798	.00023	
Stddev	.00007	.00008	.00028	.00005	.00038	.00105	.00049	
%RSD	12.745	88.216	4.1595	6.4220	38.351	3.7417	212.21	

#1	.00054	.00018	.00703	.00077	.00055	.02838	.00079	
#2	.00052	.00003	.00668	.00079	.00121	.02877	-.00008	
#3	.00065	.00007	.00648	.00070	.00121	.02679	-.00002	

Sample Name: S0 Acquired: 11/25/2019 12:04:32 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) 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	2224.4	3636.8	52553.	9118.2	4283.2
Stddev	14.4	4.0	340.	33.1	6.1
%RSD	.64555	.10914	.64649	.36265	.14238
#1	2239.4	3641.1	52556.	9092.6	4285.5
#2	2210.7	3636.0	52212.	9155.5	4287.8
#3	2223.2	3633.3	52891.	9106.4	4276.3

Sample Name: S1 Acquired: 11/25/2019 12:08:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) 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	.00018	.00126	.00155	.00165	.00832	.01668	.64778	.02214
Stddev	.00002	.00013	.00008	.00009	.00012	.00086	.00100	.00027
%RSD	11.216	10.085	5.2155	5.2169	1.4196	5.1717	.15479	1.2370
#1	.00017	.00132	.00162	.00155	.00819	.01570	.64882	.02239
#2	.00016	.00134	.00157	.00170	.00835	.01704	.64682	.02185
#3	.00020	.00111	.00146	.00170	.00842	.01731	.64770	.02220
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	.01166	.27794	.00185	.03299	.00646	.00227	.00851	.03762
Stddev	.00007	.00068	.00002	.00014	.00019	.00029	.00031	.00052
%RSD	.62020	.24600	1.1706	.43122	2.9453	12.568	3.6087	1.3847
#1	.01171	.27842	.00182	.03301	.00629	.00222	.00819	.03717
#2	.01158	.27715	.00185	.03284	.00642	.00258	.00880	.03751
#3	.01169	.27823	.00186	.03312	.00667	.00202	.00856	.03819
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	.02492	.00155	.01528	.00505	.00820	.09408	-.00083	.03710
Stddev	.00018	.00004	.00027	.00006	.00057	.00105	.00004	.00022
%RSD	.74178	2.8124	1.7537	1.1794	7.0017	1.1207	4.7677	.59588
#1	.02504	.00153	.01524	.00502	.00821	.09528	-.00080	.03689
#2	.02500	.00152	.01503	.00501	.00877	.09331	-.00082	.03707
#3	.02470	.00160	.01556	.00512	.00762	.09366	-.00088	.03733
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	.00670	.00207	.04217	.00133	.03702	.06015	.64497	
Stddev	.00005	.00008	.00052	.00007	.00055	.00175	.00174	
%RSD	.72914	3.9457	1.2364	5.0918	1.4817	2.9077	.27023	
#1	.00666	.00201	.04234	.00140	.03719	.06126	.64517	
#2	.00668	.00217	.04159	.00128	.03640	.06105	.64314	
#3	.00675	.00205	.04258	.00130	.03746	.05813	.64661	

Sample Name: S1 Acquired: 11/25/2019 12:08:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) 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	2262.3	3652.2	53367.	9200.7	4299.8
Stddev	6.9	1.8	135.	55.7	3.1
%RSD	.30710	.04993	.25377	.60489	.07096
#1	2257.6	3650.2	53318.	9167.7	4301.4
#2	2270.2	3653.8	53520.	9265.0	4301.7
#3	2258.9	3652.6	53263.	9169.4	4296.3

Sample Name: S2 Acquired: 11/25/2019 12:12:44 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) 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	.04202	.08062	.87441	.04581	.15109	2.4845	7.3983	.52442
Stddev	.00006	.00068	.00112	.00012	.00058	.0160	.0198	.00278
%RSD	.15170	.84532	.12858	.25803	.38653	.64538	.26745	.53077

#1	.04209	.08092	.87429	.04567	.15174	2.4986	7.4161	.52708
#2	.04198	.07984	.87335	.04589	.15061	2.4671	7.3770	.52152
#3	.04198	.08109	.87559	.04586	.15091	2.4880	7.4020	.52466

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	1.3511	3.2211	.61286	.39141	.45783	.73431	1.7890	.44016
Stddev	.0040	.0135	.00178	.00112	.00511	.00300	.0077	.00145
%RSD	.29921	.41893	.29056	.28641	1.1164	.40815	.43281	.33024

#1	1.3515	3.2315	.61210	.39047	.46265	.73641	1.7931	.44119
#2	1.3469	3.2059	.61159	.39110	.45247	.73087	1.7801	.43850
#3	1.3549	3.2261	.61490	.39265	.45837	.73564	1.7939	.44079

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	.37546	.06462	.13756	.05435	.40901	.57172	.04335	.41642
Stddev	.00173	.00055	.00119	.00076	.00421	.00641	.00042	.00219
%RSD	.45990	.85740	.86267	1.4029	1.0284	1.1217	.96132	.52496

#1	.37491	.06452	.13882	.05487	.40605	.57889	.04369	.41793
#2	.37408	.06522	.13647	.05348	.41382	.56654	.04289	.41391
#3	.37740	.06413	.13740	.05471	.40715	.56973	.04348	.41741

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	.70749	.02385	.47020	.12876	.43370	.93562	7.6474
Stddev	.00053	.00013	.00279	.00046	.00261	.00121	.0172
%RSD	.07519	.55187	.59240	.35698	.60092	.12960	.22462

#1	.70796	.02379	.47203	.12922	.43072	.93422	7.6359
#2	.70691	.02376	.46699	.12830	.43484	.93643	7.6392
#3	.70759	.02400	.47157	.12878	.43554	.93620	7.6672

Sample Name: S2 Acquired: 11/25/2019 12:12:44 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) 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	2227.2	3611.1	53293.	9414.6	4105.5
Stddev	19.9	11.1	141.	72.9	12.6
%RSD	.89298	.30715	.26464	.77416	.30782
#1	2235.3	3599.0	53405.	9373.4	4096.8
#2	2204.5	3620.8	53135.	9498.7	4120.0
#3	2241.7	3613.4	53340.	9371.6	4099.6

Sample Name: S3 Acquired: 11/25/2019 12:16:35 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) 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	.08423	.16026	1.7425	.09010	.29997	5.0107	14.804	1.0354
Stddev	.00068	.00105	.0097	.00037	.00179	.0196	.043	.0070
%RSD	.80756	.65777	.55629	.40744	.59710	.39193	.29264	.68045

#1	.08494	.16016	1.7467	.09022	.30105	4.9945	14.804	1.0276
#2	.08417	.16136	1.7493	.09039	.30096	5.0325	14.848	1.0413
#3	.08358	.15926	1.7314	.08969	.29791	5.0050	14.761	1.0374

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.6864	6.3758	1.1876	.78406	.90315	1.4454	3.5133	.88065
Stddev	.0143	.0263	.0481	.00477	.00421	.0036	.0161	.00507
%RSD	.53224	.41261	4.0502	.60818	.46570	.24825	.45762	.57584

#1	2.6954	6.4016	1.1328	.78630	.90103	1.4452	3.5308	.88143
#2	2.6938	6.3768	1.2228	.78730	.90799	1.4491	3.5101	.88529
#3	2.6699	6.3490	1.2073	.77859	.90042	1.4420	3.4991	.87523

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	.74755	.12859	.28044	.10782	.80884	1.1472	.09005	.82766
Stddev	.00460	.00575	.00200	.00026	.03623	.0056	.00037	.00263
%RSD	.61570	4.4707	.71164	.23680	4.4787	.48837	.41013	.31723

#1	.74920	.12199	.28002	.10757	.76702	1.1432	.09032	.82479
#2	.75110	.13253	.28262	.10808	.83066	1.1536	.09020	.82994
#3	.74235	.13125	.27869	.10780	.82883	1.1449	.08963	.82826

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	1.4095	.04812	.86855	.25921	.86034	1.8683	15.236
Stddev	.0060	.00033	.00418	.00143	.00807	.0021	.046
%RSD	.42832	.68989	.48163	.55150	.93754	.11389	.30386

#1	1.4117	.04834	.86394	.25903	.86844	1.8689	15.288
#2	1.4141	.04828	.87211	.26072	.85231	1.8660	15.200
#3	1.4027	.04774	.86959	.25788	.86026	1.8702	15.220

Sample Name: S3 Acquired: 11/25/2019 12:16:35 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) 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	2180.0	3505.2	52860.	9277.8	3920.1
Stddev	88.6	15.8	1959.	40.6	21.3
%RSD	4.0639	.45179	3.7061	.43730	.54453
#1	2282.2	3496.6	55121.	9232.2	3907.7
#2	2124.9	3495.5	51655.	9309.8	3907.9
#3	2133.0	3523.4	51805.	9291.4	3944.8

Sample Name: S5 Acquired: 11/25/2019 12:24:21 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) 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	.35624	.62515	7.2020	.36051	1.2659	20.800	58.738	4.0111
Stddev	.00004	.00157	.0116	.00092	.0023	.025	.398	.0281
%RSD	.01233	.25098	.16037	.25609	.17925	.12005	.67749	.70082

#1	.35627	.62461	7.2032	.36127	1.2683	20.824	58.336	3.9954
#2	.35627	.62392	7.1899	.35948	1.2637	20.775	58.747	4.0436
#3	.35619	.62692	7.2129	.36077	1.2657	20.801	59.132	3.9944

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	10.752	25.145	4.6405	3.1937	3.6069	5.5520	13.541	3.5566
Stddev	.021	.040	.0019	.0060	.0095	.0081	.028	.0057
%RSD	.19307	.15727	.04030	.18886	.26374	.14536	.20592	.16045

#1	10.749	25.160	4.6392	3.1934	3.6168	5.5592	13.544	3.5591
#2	10.734	25.101	4.6427	3.1879	3.6062	5.5433	13.511	3.5500
#3	10.775	25.175	4.6397	3.1999	3.5978	5.5534	13.567	3.5606

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.0058	.54238	1.1428	.42132	3.4958	4.7797	.38798	3.1837
Stddev	.0046	.00493	.0021	.00168	.0148	.0036	.00113	.0116
%RSD	.15364	.90981	.18261	.39760	.42232	.07424	.29003	.36416

#1	3.0067	.53847	1.1438	.42323	3.4856	4.7837	.38810	3.1734
#2	3.0008	.54792	1.1404	.42009	3.5127	4.7780	.38680	3.1963
#3	3.0099	.54074	1.1442	.42064	3.4890	4.7773	.38904	3.1815

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	5.7978	.20678	3.3320	1.0631	3.3402	7.7128	59.919	
Stddev	.0133	.00034	.0246	.0028	.0098	.0037	.199	
%RSD	.22880	.16540	.73955	.26658	.29482	.04831	.33175	

#1	5.8118	.20696	3.3194	1.0642	3.3289	7.7107	60.147	
#2	5.7854	.20638	3.3604	1.0598	3.3447	7.7105	59.790	
#3	5.7963	.20699	3.3163	1.0651	3.3470	7.7171	59.818	

Sample Name: S5 Acquired: 11/25/2019 12:24:21 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) 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	1881.7	3055.1	48839.	9010.9	3357.2
Stddev	12.5	5.2	181.	20.4	6.3
%RSD	.66401	.17115	.37161	.22620	.18795
#1	1889.4	3050.6	48955.	8990.8	3355.1
#2	1867.3	3060.8	48630.	9010.3	3364.3
#3	1888.4	3054.0	48933.	9031.6	3352.3

Sample Name: S4 Acquired: 11/25/2019 12:20:25 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) 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	.17026	.31499	3.5371	.17895	.60751	10.145	29.396	1.9995
Stddev	.00018	.00090	.0037	.00024	.00032	.054	.103	.0135
%RSD	.10845	.28494	.10383	.13486	.05321	.53429	.34876	.67482

#1	.17037	.31602	3.5414	.17869	.60714	10.124	29.338	2.0151
#2	.17004	.31461	3.5352	.17899	.60769	10.207	29.514	1.9914
#3	.17036	.31435	3.5348	.17917	.60770	10.105	29.335	1.9921

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.3613	12.605	2.3734	1.5751	1.7916	2.8167	6.8443	1.7572
Stddev	.0061	.033	.0031	.0018	.0101	.0081	.0133	.0046
%RSD	.11314	.26271	.13016	.11324	.56561	.28931	.19464	.26244

#1	5.3654	12.587	2.3728	1.5759	1.7879	2.8169	6.8469	1.7561
#2	5.3544	12.643	2.3767	1.5731	1.8030	2.8247	6.8561	1.7623
#3	5.3643	12.584	2.3706	1.5764	1.7838	2.8084	6.8299	1.7532

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	1.4934	.26246	.56117	.21173	1.6588	2.3086	.18616	1.6096
Stddev	.0027	.00224	.00190	.00077	.0048	.0134	.00065	.0046
%RSD	.18131	.85499	.33855	.36263	.28776	.57914	.35110	.28850

#1	1.4948	.26488	.56019	.21166	1.6541	2.3094	.18685	1.6147
#2	1.4903	.26205	.56336	.21253	1.6588	2.3216	.18608	1.6056
#3	1.4951	.26045	.55997	.21100	1.6636	2.2949	.18555	1.6086

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	2.8298	.09814	1.6836	.52241	1.6800	3.7534	29.898
Stddev	.0019	.00054	.0111	.00069	.0064	.0052	.206
%RSD	.06793	.54521	.65875	.13274	.37828	.13758	.68919

#1	2.8281	.09863	1.6963	.52286	1.6845	3.7504	30.129
#2	2.8319	.09757	1.6757	.52161	1.6727	3.7594	29.732
#3	2.8295	.09824	1.6789	.52276	1.6828	3.7505	29.834

Sample Name: S4 Acquired: 11/25/2019 12:20:25 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) 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	2052.7	3316.4	50623.	9202.6	3660.7
Stddev	7.2	3.9	324.	47.9	5.1
%RSD	.35033	.11835	.63960	.52034	.13814
#1	2044.8	3320.6	50366.	9167.5	3658.0
#2	2054.7	3315.6	50516.	9183.1	3666.5
#3	2058.7	3312.9	50986.	9257.1	3657.5

Sample Name: S6 Acquired: 11/25/2019 12:28:25 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) 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	55.061	40.791	14.975	5.8720	3.2220
Stddev	.775	.261	.061	.0244	.0108
%RSD	1.4069	.63885	.40778	.41490	.33492

#1	55.833	40.858	14.956	5.8618	3.2248
#2	55.066	41.012	14.925	5.8544	3.2101
#3	54.284	40.504	15.043	5.8998	3.2311

Int. Std.	Y_3710
Units	Cts/S
Avg	8874.4
Stddev	46.4
%RSD	.52256

#1	8828.4
#2	8873.7
#3	8921.2

Sample Name: ICV Acquired: 11/25/2019 12:58:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9449451	1.031016	.9476099	.9843267	.9128709	2.393109	.4955529
Stddev	.0028695	.002346	.0019317	.0049734	.0032737	.002816	.0009417
%RSD	.3036704	.2275483	.2038440	.5052588	.3586125	.1176527	.1900302

#1	.9473022	1.032771	.9474988	.9791224	.9160741	2.395773	.4966229
#2	.9417498	1.031926	.9495947	.9890314	.9095311	2.393390	.4948503
#3	.9457832	1.028351	.9457362	.9848262	.9130076	2.390163	.4951854

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4922622	.4889118	10.13465	.5191423	.4889600	.5015620	5.149999
Stddev	.0022086	.0010022	.02884	.0006952	.0012258	.0032254	.020612
%RSD	.4486615	.2049848	.2845370	.1339103	.2506950	.6430803	.4002243

#1	.4897125	.4878520	10.16110	.5184453	.4876390	.5052673	5.169871
#2	.4935804	.4890392	10.13894	.5191457	.4891806	.4993823	5.128720
#3	.4934939	.4898443	10.10391	.5198357	.4900606	.5000366	5.151408

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4973358	5.693246	.4971099	.4860995	9.216099	.4746947	1.100863
Stddev	.0007950	.004017	.0005452	.0007887	.383542	.0004841	.007422
%RSD	.1598483	.0705545	.1096635	.1622526	4.161647	.1019759	.6742298

#1	.4981062	5.689858	.4966426	.4852316	9.317603	.4745945	1.108543
#2	.4965184	5.692196	.4969784	.4862945	9.538679	.4742686	1.093728
#3	.4973827	5.697683	.4977088	.4867725	8.792015	.4752210	1.100316

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.118329	5.331802	5.493157	4.932492	5.238376	4.957235	4.871423
Stddev	.105551	.006282	.026516	.019319	.022803	.027881	.008171
%RSD	1.157571	.1178202	.4827077	.3916741	.4353009	.5624301	.1677348

#1	8.997744	5.338986	5.462853	4.912363	5.260253	4.926518	4.865028
#2	9.193967	5.327342	5.504519	4.950884	5.240125	4.964245	4.868611
#3	9.163275	5.329078	5.512099	4.934227	5.214749	4.980942	4.880628

Sample Name: ICV Acquired: 11/25/2019 12:58:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.291356	4.842005	5.115081
Stddev	.010561	.010728	.050761
%RSD	.1995888	.2215543	.9923778

#1	5.279247	4.835661	5.089338
#2	5.298660	4.835964	5.173556
#3	5.296161	4.854391	5.082349

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2221.562	3599.740	52872.72	9135.972	4164.676
Stddev	.763	8.670	54.77	19.586	7.328
%RSD	.0343455	.2408428	.1035936	.2143878	.1759487

#1	2221.837	3609.731	52928.35	9157.702	4169.991
#2	2220.700	3595.292	52870.96	9119.679	4167.719
#3	2222.150	3594.196	52818.85	9130.534	4156.317

Sample Name: ICB Acquired: 11/25/2019 13:15:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) 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	.0010162	.0001166	-.002436	.0025457	-.001463	.0088149	-.000458
Stddev	.0028056	.0029556	.000727	.0041331	.001255	.0025685	.000558
%RSD	276.0947	2535.790	29.82609	162.3578	85.80368	29.13819	121.8811

#1	.0001668	.0029924	-.001799	.0012915	-.000682	.0082949	-.000588
#2	-.001267	-.002913	-.003227	-.000815	-.002911	.0065462	.000154
#3	.004148	.000270	-.002283	.007161	-.000796	.0116037	-.000940

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000049	.0000647	-.000212	-.000108	-.000083	-.001015	-.000358
Stddev	.000031	.0000589	.005885	.000261	.000059	.000986	.006686
%RSD	61.97476	90.98751	2781.696	241.2521	70.95438	97.10619	1868.351

#1	-.000037	.0000976	.006561	-.000398	-.000137	-.002119	-.001018
#2	-.000084	.0000998	-.003118	.000109	-.000020	-.000222	-.006689
#3	-.000027	-.000003	-.004078	-.000036	-.000092	-.000704	.006633

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000313	.0176760	-.000160	.0013054	.0566271	-.001858	.0008877
Stddev	.000405	.0202601	.000435	.0002174	.1514239	.003073	.0043175
%RSD	129.6077	114.6192	272.2507	16.65516	267.4054	165.3843	486.3844

#1	-.000724	-.000018	.000267	.0010614	.1935371	-.000983	.0056353
#2	.000086	.013269	-.000603	.0013761	.0823577	.000682	-.000168
#3	-.000299	.039777	-.000143	.0014786	-.106014	-.005274	-.002804

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.060263	-.000894	.0000483	.0002301	-.000332	.0025022	.0014463
Stddev	.074181	.000776	.0008553	.0001792	.003517	.0004892	.0002162
%RSD	123.0947	86.85570	1769.366	77.88464	1058.794	19.55094	14.94959

#1	.022091	-.000434	.0008160	.0004284	.003268	.0019433	.0015315
#2	-.081042	-.000457	.0002026	.0001823	-.000504	.0027110	.0016068
#3	-.121839	-.001791	-.000874	.0000796	-.003760	.0028524	.0012004

Sample Name: ICB Acquired: 11/25/2019 13:15:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) 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	.0013360	-.008072	.0000996
Stddev	.0003837	.002247	.0000658
%RSD	28.72030	27.84228	66.09418

#1	.0012979	-.005546	.0000718
#2	.0017373	-.008819	.0001747
#3	.0009727	-.009850	.0000522

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2227.964	3604.181	52625.86	9062.823	4229.719
Stddev	6.856	7.375	411.54	30.168	10.325
%RSD	.3077103	.2046250	.7820144	.3328804	.2441138

#1	2220.210	3596.344	52317.10	9092.460	4222.860
#2	2230.463	3610.985	52467.41	9063.860	4241.595
#3	2233.220	3605.213	53093.08	9032.150	4224.703

Sample Name: NI 50PPM Acquired: 11/25/2019 14:09:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053318	.0017130	.0133102	-.001044	-.024311	.0352396
Stddev	.0027498	.0012662	.0013491	.001908	.001611	.0029236
%RSD	51.57432	73.92085	10.13568	182.7258	6.627837	8.296219

#1	.0072245	.0031749	.0148139	.000296	-.023128	.0341467
#2	.0021775	.0009984	.0122060	-.003229	-.023658	.0385521
#3	.0065933	.0009655	.0129106	-.000200	-.026146	.0330199

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013780	-.000644	-.000104	.1255460	.0021452	.0071022
Stddev	.0004519	.000101	.000068	.0059367	.0001674	.0001383
%RSD	32.79531	15.76217	65.18198	4.728726	7.801560	1.947591

#1	.0009660	-.000559	-.000155	.1191986	.0019551	.0071156
#2	.0013066	-.000756	-.000129	.1309619	.0022102	.0069577
#3	.0018613	-.000616	-.000027	.1264776	.0022704	.0072334

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0264462	.0186495	.0065449	.0295233	F 50.59818	.0001347
Stddev	.0023313	.0048219	.0002603	.0057393	.02086	.0001443
%RSD	8.815418	25.85537	3.977468	19.44000	.0412240	107.1148

#1	.0285520	.0178666	.0064972	.0284310	50.57492	.0001748
#2	.0268456	.0238148	.0068258	.0244085	50.61524	.0002547
#3	.0239409	.0142669	.0063118	.0357302	50.60437	-.000025

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.176173	.0028501	.3022553	-.161370	.0714502	-.006415
Stddev	.259053	.0059909	.0046270	.075755	.0022197	.001196
%RSD	147.0448	210.2002	1.530824	46.94485	3.106666	18.64117

#1	-.468235	.0090126	.3035939	-.246433	.0738070	-.007695
#2	.025836	-.002953	.3060655	-.136507	.0711443	-.006224
#3	-.086121	.002490	.2971066	-.101171	.0693993	-.005326

Sample Name: NI 50PPM Acquired: 11/25/2019 14:09:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003421	.0011770	-.000101	-.001773	-.034857	-.022138
Stddev	.0003471	.0014593	.001093	.000299	.000302	.000615
%RSD	101.4457	123.9858	1078.053	16.86873	.8677909	2.778202

#1	.0007406	-.000469	-.000732	-.001970	-.035071	-.021580
#2	.0001794	.002311	.001161	-.001429	-.034511	-.022037
#3	.0001063	.001689	-.000733	-.001921	-.034989	-.022797

Elem	Sr4077
Units	ppm
Avg	.0002072
Stddev	.0000377
%RSD	18.18173

#1	.0001898
#2	.0001814
#3	.0002504

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2269.978	3648.672	53609.47	9174.724	4241.371
Stddev	3.570	6.783	111.66	16.391	2.223
%RSD	.1572647	.1859103	.2082793	.1786502	.0524231

#1	2273.775	3648.275	53485.10	9193.570	4243.442
#2	2266.690	3655.646	53642.23	9163.790	4239.021
#3	2269.468	3642.097	53701.09	9166.813	4241.651

Sample Name: CCV069 Acquired: 11/25/2019 13:19:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV069 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.283897	5.281969	26.78639	5.096221	5.314569	424.3142	10.80377
Stddev	.003665	.007323	.01490	.012032	.005722	4.2064	.04572
%RSD	.0693646	.1386477	.0556141	.2361036	.1076693	.9913384	.4232109

#1	5.281384	5.290001	26.79374	5.106339	5.320995	420.7515	10.81172
#2	5.282204	5.275662	26.76924	5.099407	5.310023	428.9546	10.84500
#3	5.288103	5.280244	26.79617	5.082916	5.312690	423.2366	10.75460

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5310001	2.699531	439.7464	16.48943	2.703250	15.83667	434.5002
Stddev	.0032097	.003300	2.3333	.05234	.003101	.04171	1.8794
%RSD	.6044616	.1222421	.5305968	.3174009	.1147000	.2633983	.4325441

#1	.5346677	2.700910	439.5108	16.53964	2.706153	15.82862	433.8444
#2	.5296291	2.695765	442.1885	16.49346	2.699984	15.88182	436.6197
#3	.5287037	2.701917	437.5398	16.43520	2.703613	15.79956	433.0366

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.94273	428.5214	2.694205	1.320726	422.8432	2.626244	15.86475
Stddev	.08993	1.7280	.004880	.010205	2.4330	.020198	.01659
%RSD	.5640639	.4032429	.1811270	.7726688	.5753817	.7690909	.1045750

#1	15.91529	427.7311	2.695033	1.332145	423.8626	2.645896	15.85377
#2	16.04318	430.5032	2.688964	1.317537	424.6007	2.627296	15.88383
#3	15.86973	427.3298	2.698618	1.312497	420.0664	2.605541	15.85665

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	159.9697	5.477382	4.875551	5.188186	5.481669	5.243811	5.387796
Stddev	.5215	.006950	.029923	.008744	.026246	.034081	.015999
%RSD	.3259942	.1268787	.6137436	.1685301	.4787933	.6499270	.2969406

#1	160.5717	5.485274	4.909300	5.197860	5.511506	5.280549	5.401560
#2	159.6791	5.474695	4.865096	5.180847	5.471355	5.213226	5.370243
#3	159.6582	5.472177	4.852258	5.185850	5.462148	5.237656	5.391586

Sample Name: CCV069 Acquired: 11/25/2019 13:19:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV069 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.490724	5.468836	5.412843
Stddev	.041383	.014794	.056420
%RSD	.7536846	.2705158	1.042341

#1	5.447611	5.458875	5.347801
#2	5.530126	5.485835	5.442140
#3	5.494433	5.461798	5.448588

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1948.269	3162.045	48637.65	8911.452	3347.346
Stddev	1.922	1.778	181.15	24.212	5.723
%RSD	.0986707	.0562225	.3724545	.2716974	.1709593

#1	1947.184	3163.944	48523.23	8922.745	3347.998
#2	1947.134	3161.770	48543.22	8883.656	3352.715
#3	1950.488	3160.421	48846.51	8927.954	3341.326

Sample Name: CCB069 Acquired: 11/25/2019 13:23:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB069 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002327	.0002856	.0023160	.0041872	-.000626	.0197250	.0002338
Stddev	.0027426	.0020786	.0015316	.0023924	.000931	.0134855	.0007124
%RSD	1178.458	727.7980	66.13182	57.13589	148.7426	68.36761	304.7108

#1	.0024797	.0026605	.0031935	.0020052	-.000173	.0056626	.0007471
#2	-.002823	-.001202	.0005475	.0067453	-.000008	.0209643	-.000580
#3	.001042	-.000601	.0032071	.0038110	-.001696	.0325481	.000534

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000042	.0001173	.0184473	.0002283	-.000085	.0012860	.0124766
Stddev	.000056	.0001005	.0134110	.0002378	.000120	.0017585	.0127213
%RSD	131.0101	85.69082	72.69904	104.1566	141.5520	136.7433	101.9615

#1	.000018	.0002297	.0238788	.0004854	-.000037	-.000614	.0265180
#2	-.000053	.0000860	.0282906	.0000162	.000004	.002857	.0091924
#3	-.000092	.0000362	.0031725	.0001834	-.000221	.001615	.0017194

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006222	.0147548	-.000385	.0008591	.3711766	.0023737	.0026543
Stddev	.0001361	.0067624	.000236	.0004864	.2138128	.0014096	.0027469
%RSD	21.88007	45.83161	61.27288	56.61693	57.60405	59.38590	103.4866

#1	.0006174	.0212710	-.000298	.0012482	.3153185	.0014221	.0027753
#2	.0007606	.0152227	-.000205	.0010151	.1908371	.0039931	-.000151
#3	.0004884	.0077706	-.000651	.0003138	.6073743	.0017058	.005339

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1246921	-.000953	.0069951	.0006111	.0028250	.0014014	.0034033
Stddev	.0720262	.001639	.0002283	.0004579	.0011895	.0014454	.0006733
%RSD	57.76328	172.0513	3.263943	74.92176	42.10496	103.1336	19.78412

#1	.0439093	.000934	.0072245	.0011158	.0020116	.0018667	.0041780
#2	.1822119	-.002030	.0067679	.0004954	.0041901	-.000219	.0030738
#3	.1479551	-.001762	.0069929	.0002222	.0022733	.002557	.0029582

Sample Name: CCB069 Acquired: 11/25/2019 13:23:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB069 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0021866	.0021202	.0002795
Stddev	.0013409	.0013226	.0000595
%RSD	61.32482	62.38362	21.28622

#1	.0006385	.0008975	.0003436
#2	.0029860	.0035240	.0002261
#3	.0029353	.0019390	.0002687

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2233.369	3596.312	52520.00	8977.320	4225.614
Stddev	10.901	10.494	273.35	92.075	5.314
%RSD	.4881086	.2917942	.5204778	1.025646	.1257532

#1	2222.709	3592.694	52399.92	9025.040	4225.247
#2	2232.900	3608.136	52327.24	8871.180	4231.103
#3	2244.497	3588.105	52832.84	9035.740	4220.494

Sample Name: FE 100PPM Acquired: 11/25/2019 13:27:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006658	-.006554	.0034265	-.034211	.0012294	.0090796	.0004729
Stddev	.004526	.001631	.0008547	.002174	.0010635	.0119954	.0004320
%RSD	67.97385	24.88514	24.94422	6.354636	86.50501	132.1139	91.34721

#1	-.003425	-.006650	.0035981	-.035298	.0012100	.0028351	.0008594
#2	-.004719	-.008134	.0041824	-.035628	.0023026	.0014947	.0005529
#3	-.011830	-.004877	.0024990	-.031708	.0001758	.0229091	.0000065

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009082	.0031872	-.065878	.0001030	.0013393	-.012372	107.8909
Stddev	.0000863	.0000140	.017940	.0007975	.0003735	.000985	.0794
%RSD	9.502160	.4401244	27.23223	774.6022	27.88412	7.963241	.0735887

#1	.0008460	.0031915	-.045165	-.000405	.0015579	-.012721	107.9825
#2	.0008720	.0031985	-.076504	-.000308	.0009081	-.013135	107.8435
#3	.0010068	.0031715	-.075965	.001022	.0015519	-.011260	107.8466

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001958	-.010412	-.001292	-.009991	.3530116	.0034287	.0161347
Stddev	.000210	.027376	.000489	.000397	.4033408	.0024844	.0018957
%RSD	10.74805	262.9350	37.83202	3.968839	114.2571	72.45845	11.74948

#1	-.001877	.019057	-.000824	-.009758	.8014839	.0014733	.0142064
#2	-.002197	-.035053	-.001252	-.009766	.2375793	.0062243	.0179961
#3	-.001800	-.015239	-.001799	-.010449	.0199717	.0025886	.0162014

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0249150	.0029123	-.151890	-.000826	.0004879	-.005345	.0007828
Stddev	.0532204	.0027771	.000860	.000106	.0026175	.000967	.0009698
%RSD	213.6079	95.35618	.5660075	12.87781	536.4390	18.10074	123.8889

#1	-.034470	.0053226	-.152828	-.000715	.0003822	-.004423	.0005699
#2	.068300	-.000124	-.151140	-.000837	.0031568	-.006352	.0018414
#3	.040915	.003539	-.151702	-.000927	-.002075	-.005260	-.000063

Sample Name: FE 100PPM Acquired: 11/25/2019 13:27:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003171	-.008341	.0000495
Stddev	.0009343	.001025	.0000425
%RSD	294.6309	12.29039	85.77166

#1	-.000747	-.007360	.0000962
#2	.000694	-.009405	.0000396
#3	.001004	-.008257	.0000129

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2240.322	3604.526	52981.94	9138.861	4212.873
Stddev	11.569	5.680	216.81	77.898	12.649
%RSD	.5164199	.1575825	.4092224	.8523864	.3002542

#1	2238.675	3598.232	52851.17	9051.157	4198.272
#2	2229.664	3609.272	52862.43	9200.010	4219.841
#3	2252.627	3606.072	53232.21	9165.417	4220.507

Sample Name: CA 250PPM Acquired: 11/25/2019 13:35:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038619	-.001201	.0008669	.0035780	.0000945	.1442040	-.000311
Stddev	.0016466	.000913	.0018979	.0065663	.0009600	.0103313	.000506
%RSD	42.63626	76.02057	218.9361	183.5193	1015.698	7.164382	163.0041

#1	.0024732	-.001892	.0027786	.0111429	.0001866	.1494366	.000254
#2	.0034316	-.000166	-.001017	.0002365	.0010052	.1508722	-.000725
#3	.0056809	-.001545	.000839	-.000646	-.000908	.1323033	-.000461

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000116	.0000134	265.1449	.0021240	-.001536	-.001021	.0340028
Stddev	.0000685	.0000435	1.2742	.0002225	.000093	.002234	.0102367
%RSD	589.2360	323.8333	.4805515	10.47417	6.059797	218.8478	30.10531

#1	.0000305	-.000036	265.5576	.0021467	-.001447	-.001413	.0458196
#2	.0000687	.000047	263.7156	.0023342	-.001527	-.003034	.0283445
#3	-.000064	.000029	266.1616	.0018910	-.001633	.001383	.0278444

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000066	.0371310	.0003651	.0002080	-.105653	.0002080	.0080310
Stddev	.000139	.0180576	.0002668	.0003693	.343401	.0021526	.0032719
%RSD	209.4493	48.63230	73.07169	177.5385	325.0278	1034.914	40.74057

#1	-.000103	.0220782	.0001046	.0003156	.158487	.0020822	.0089458
#2	-.000183	.0321617	.0006378	-.000203	.018396	-.002143	.0107480
#3	.000087	.0571529	.0003529	.000512	-.493841	.000685	.0043990

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.025265	.0026838	-.003637	.0000078	.0192644	-.000969	-.005334
Stddev	.061069	.0011993	.001578	.0002062	.0045566	.000388	.001593
%RSD	241.7175	44.68553	43.38655	2647.612	23.65279	40.05719	29.86963

#1	.021246	.0027556	-.004706	.0002109	.0211592	-.000805	-.004593
#2	-.002618	.0014502	-.004381	-.000201	.0140662	-.001412	-.004247
#3	-.094422	.0038455	-.001825	.000014	.0225679	-.000690	-.007163

Sample Name: CA 250PPM Acquired: 11/25/2019 13:35:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.005562	-.009460	.0017636
Stddev	.000961	.000664	.0001279
%RSD	17.26882	7.014033	7.250037

#1	-.006659	-.008755	.0017328
#2	-.005154	-.010073	.0019040
#3	-.004873	-.009554	.0016539

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2151.763	3486.555	50819.47	8984.923	4030.009
Stddev	8.155	2.855	242.86	2.426	3.655
%RSD	.3790109	.0818845	.4778911	.0270033	.0907028

#1	2153.795	3484.555	50871.69	8982.326	4027.806
#2	2158.709	3485.285	51031.97	8987.131	4027.993
#3	2142.783	3489.825	50554.75	8985.312	4034.229

Sample Name: FE 250PPM Acquired: 11/25/2019 13:31:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.016970	-.015358	.0079733	-.076483	.0064315	.0129181	.0007734
Stddev	.001499	.001889	.0024276	.001053	.0012376	.0099029	.0001454
%RSD	8.831045	12.29716	30.44710	1.377235	19.24248	76.65900	18.79988

#1	-.018646	-.014129	.0051721	-.076555	.0060854	.0220824	.0006925
#2	-.015759	-.017533	.0092828	-.077498	.0078053	.0142585	.0009413
#3	-.016506	-.014413	.0094651	-.075395	.0054038	.0024133	.0006865

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024258	.0077146	-.169682	.0001243	.0032828	-.031283	261.2048
Stddev	.0001112	.0000814	.009530	.0007381	.0002204	.001668	.0826
%RSD	4.585577	1.054906	5.616503	593.6083	6.713532	5.332159	.0316233

#1	.0024388	.0076790	-.158686	-.000378	.0034994	-.033147	261.1764
#2	.0023086	.0076571	-.175557	-.000221	.0032901	-.030770	261.2979
#3	.0025299	.0078078	-.174803	.000972	.0030589	-.029931	261.1402

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002852	-.035500	-.002982	-.024959	.5592130	.0064319	.0301504
Stddev	.000361	.013321	.000414	.000488	.1469935	.0019235	.0053652
%RSD	12.66345	37.52467	13.87007	1.953779	26.28579	29.90636	17.79487

#1	-.002516	-.021785	-.002611	-.025389	.6432207	.0068360	.0359793
#2	-.002805	-.036326	-.003428	-.025058	.3894824	.0043384	.0290537
#3	-.003234	-.048389	-.002908	-.024429	.6449359	.0081212	.0254183

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066805	.0034018	-.375262	-.001722	-.020305	-.015816	.0013739
Stddev	.0565641	.0020176	.001613	.000313	.000205	.000191	.0007550
%RSD	846.7047	59.30961	.4297432	18.16777	1.010882	1.208981	54.95358

#1	-.054804	.0056266	-.376850	-.001503	-.020517	-.015730	.0022450
#2	.056507	.0028879	-.373625	-.001582	-.020291	-.015683	.0009077
#3	.018339	.0016908	-.375311	-.002080	-.020108	-.016035	.0009690

Sample Name: FE 250PPM Acquired: 11/25/2019 13:31:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0013605	-.011527	.0000643
Stddev	.0011876	.000686	.0000416
%RSD	87.29663	5.949333	64.71280

#1	.0006025	-.012255	.0001062
#2	.0027292	-.011435	.0000231
#3	.0007497	-.010893	.0000635

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2225.924	3585.635	52751.01	9066.310	4180.615
Stddev	2.482	5.515	194.13	10.077	9.211
%RSD	.1114977	.1538115	.3680200	.1111529	.2203384

#1	2223.914	3583.755	52655.32	9074.480	4169.980
#2	2225.159	3581.306	52623.30	9069.400	4186.108
#3	2228.698	3591.844	52974.41	9055.049	4185.755

Sample Name: MG 250PPM Acquired: 11/25/2019 13:40:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012001	.0002399	-.001125	.0014512	-.001882	.0510552	-.000519
Stddev	.0045909	.0008033	.000777	.0029598	.001920	.0119676	.000705
%RSD	382.5488	334.8889	69.09099	203.9503	102.0127	23.44047	135.7841

#1	.0026211	.0010871	-.001995	.0036276	-.004093	.0596734	-.000887
#2	.0049125	.0001432	-.000882	-.001919	-.000909	.0373910	.000294
#3	-.003933	-.000511	-.000498	.002645	-.000643	.0561012	-.000965

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000033	.0000424	.0695005	.0089078	.0002582	-.001764	.0433194
Stddev	.0000717	.0000243	.0010525	.0001175	.0003871	.003035	.0056619
%RSD	2181.273	57.27652	1.514361	1.319569	149.9401	172.0569	13.07004

#1	.0000648	.0000144	.0689947	.0089940	.0000985	-.001477	.0368045
#2	-.000076	.0000580	.0707104	.0089556	-.000024	.001117	.0461034
#3	.000021	.0000548	.0687964	.0087739	.000700	-.004933	.0470502

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006560	257.3400	.0065973	-.000466	.1587868	.0007741	.0081633
Stddev	.0003538	.1147	.0005459	.000291	.0458133	.0036992	.0026898
%RSD	53.92742	.0445554	8.275298	62.44649	28.85205	477.8640	32.94998

#1	.0007045	257.4100	.0060074	-.000442	.2025248	.0028944	.0088370
#2	.0009829	257.4024	.0066997	-.000188	.1626878	.0029252	.0104523
#3	.0002805	257.2077	.0070848	-.000769	.1111478	-.003497	.0052007

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.091086	-.001089	-.003679	.0007432	.0021203	-.000197	-.002212
Stddev	.059409	.002978	.000438	.0001602	.0019859	.000726	.000430
%RSD	65.22255	273.5291	11.91188	21.54932	93.66119	368.9170	19.45600

#1	-.022520	-.003255	-.003543	.0008483	.0012813	.000641	-.001981
#2	-.123509	.002307	-.004169	.0005589	.0006916	-.000596	-.002709
#3	-.127228	-.002318	-.003324	.0008225	.0043881	-.000635	-.001947

Sample Name: MG 250PPM Acquired: 11/25/2019 13:40:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001213	-.010069	.0000157
Stddev	.0012300	.000595	.0000939
%RSD	1013.699	5.913539	596.5962

#1	-.001214	-.009426	.0000482
#2	.000370	-.010180	.0000891
#3	.001208	-.010601	-.000090

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2179.168	3525.553	51556.42	9099.940	3990.047
Stddev	9.601	4.347	107.20	37.497	5.158
%RSD	.4405709	.1233066	.2079369	.4120565	.1292785

#1	2190.219	3528.230	51485.02	9085.838	3992.751
#2	2174.402	3527.893	51679.70	9071.538	3993.291
#3	2172.882	3520.537	51504.54	9142.443	3984.099

Sample Name: AL 250PPM Acquired: 11/25/2019 13:44:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037758	.0005488	-.021984	.0031718	-.001463	238.3242	.0000488
Stddev	.0026276	.0025247	.002445	.0068672	.001048	.5273	.0002968
%RSD	69.59015	460.0352	11.12244	216.5104	71.59973	.2212611	608.4119

#1	.0019752	-.001284	-.019315	.0094813	-.000615	237.9756	.0002361
#2	.0067910	-.000498	-.024117	-.004142	-.002635	238.0662	-.000293
#3	.0025613	.003429	-.022519	.004176	-.001140	238.9309	.000204

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000013	-.000921	.0500363	.0181891	.0002220	-.001184	.1351918
Stddev	.000068	.000092	.0040557	.0004109	.0001624	.001185	.0016604
%RSD	503.0552	10.01721	8.105520	2.259276	73.14604	100.0496	1.228162

#1	.000005	-.000981	.0527629	.0183637	.0003950	-.002213	.1347981
#2	-.000089	-.000967	.0519704	.0177197	.0001981	-.001450	.1370136
#3	.000043	-.000815	.0453756	.0184839	.0000729	.000111	.1337636

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008548	.0513552	.0081014	-.000378	2.524960	-.000726	.0077728
Stddev	.0001546	.0120792	.0002614	.000665	.164692	.003227	.0012602
%RSD	18.09148	23.52094	3.226976	176.0432	6.522554	444.5570	16.21342

#1	.0010233	.0406806	.0080205	-.000888	2.714783	-.004413	.0089057
#2	.0008219	.0644672	.0078899	-.000620	2.420108	.000653	.0064154
#3	.0007193	.0489177	.0083937	.000374	2.439989	.001583	.0079974

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.015236	.0018212	-.003502	.0010724	.0078077	.0045689	-.002482
Stddev	.038727	.0013777	.000353	.0003297	.0034564	.0006041	.001079
%RSD	254.1859	75.64592	10.07859	30.74587	44.26914	13.22208	43.49717

#1	-.057260	.0023373	-.003273	.0011495	.0046294	.0051580	-.002153
#2	-.007461	.0028663	-.003326	.0007109	.0073063	.0045978	-.001605
#3	.019014	.0002600	-.003909	.0013567	.0114874	.0039508	-.003687

Sample Name: AL 250PPM Acquired: 11/25/2019 13:44:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007430	-.013979	.0001019
Stddev	.0014544	.000490	.0001123
%RSD	195.7289	3.506808	110.1533

#1	-.000456	-.014529	.0001584
#2	.000324	-.013822	.0001748
#3	.002361	-.013587	-.000027

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2231.877	3629.028	52010.26	9243.207	4163.846
Stddev	13.460	1.176	371.45	91.775	7.261
%RSD	.6030809	.0324105	.7141952	.9928892	.1743922

#1	2233.357	3628.383	52116.69	9137.647	4155.466
#2	2217.739	3628.316	51597.21	9287.888	4167.791
#3	2244.537	3630.386	52316.89	9304.084	4168.281

Sample Name: MN 50PPM Acquired: 11/25/2019 13:48:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004694	.0481732	.0063275	.0301430	-.002711	.0449232
Stddev	.0016680	.0001085	.0008973	.0018253	.001836	.0032553
%RSD	355.3619	.2252858	14.18185	6.055540	67.70199	7.246384

#1	.0023733	.0481029	.0069524	.0322059	-.001448	.0486094
#2	-.000231	.0481185	.0067307	.0287371	-.001869	.0424430
#3	-.000734	.0482981	.0052992	.0294859	-.004817	.0437174

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001962	-.002726	.0000294	.0925363	.0098716	.0030254
Stddev	.0003299	.000084	.0000375	.0085670	.0000938	.0001079
%RSD	168.1110	3.082543	127.5684	9.258027	.9502815	3.566726

#1	-.000080	-.002648	-.000014	.1022612	.0098286	.0029115
#2	.000107	-.002714	.000047	.0861043	.0098070	.0031261
#3	.000562	-.002815	.000055	.0892433	.0099792	.0030385

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053435	.1314710	F 52.42041	-.095052	.0014962	.0084731
Stddev	.0022035	.0072720	.13453	.024051	.0002536	.0003143
%RSD	41.23629	5.531229	.2566364	25.30264	16.95070	3.708797

#1	.0077232	.1362197	52.40420	-.096201	.0014804	.0086662
#2	.0033740	.1230992	52.29472	-.070448	.0012508	.0086427
#3	.0049333	.1350940	52.56231	-.118508	.0017573	.0081105

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.094060	-.021480	.0169785	-.073806	-.033162	-.006950
Stddev	.270466	.001660	.0010115	.051252	.001379	.000214
%RSD	287.5479	7.729776	5.957545	69.44165	4.158263	3.083726

#1	-.406280	-.020883	.0172648	-.079209	-.033878	-.006872
#2	.068452	-.023356	.0178160	-.122143	-.031572	-.007193
#3	.055649	-.020200	.0158547	-.020067	-.034035	-.006786

Sample Name: MN 50PPM Acquired: 11/25/2019 13:48:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001443	.1499469	.0010363	-.002455	.0014156	-.017732
Stddev	.000285	.0018686	.0009898	.000467	.0009709	.002382
%RSD	19.77642	1.246191	95.51732	19.04250	68.58289	13.43034
#1	-.001289	.1495964	-.000106	-.002453	.0007825	-.019811
#2	-.001772	.1482783	.001584	-.001988	.0009310	-.018252
#3	-.001267	.1519660	.001631	-.002923	.0025334	-.015134

Elem	Sr4077
Units	ppm
Avg	.0000668
Stddev	.0000532
%RSD	79.68878
#1	.0000920
#2	.0001027
#3	.0000057

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2251.112	3630.749	52927.00	9090.697	4260.621
Stddev	15.866	8.915	165.94	20.309	8.042
%RSD	.7047999	.2455285	.3135203	.2234091	.1887622
#1	2265.621	3640.918	53107.85	9090.754	4267.071
#2	2234.170	3627.050	52781.75	9110.978	4263.182
#3	2253.546	3624.280	52891.40	9070.359	4251.610

Sample Name: CR 50PPM Acquired: 11/25/2019 13:52:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004173	.0136419	-.002244	.0017022	.5698233	-.007079
Stddev	.003172	.0010530	.000069	.0016638	.0032038	.002223
%RSD	76.00826	7.718640	3.079267	97.74253	.5622400	31.40290

#1	-.002257	.0142560	-.002254	.0009260	.5673735	-.005573
#2	-.002428	.0142437	-.002170	.0005683	.5686477	-.009633
#3	-.007835	.0124261	-.002308	.0036123	.5734489	-.006032

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000314	-.000089	-.002871	.0036480	F 52.61709	-.000020
Stddev	.000069	.000004	.000034	.0047032	.15540	.000316
%RSD	22.06416	4.332930	1.189656	128.9253	.2953410	1560.707

#1	-.000238	-.000088	-.002834	-.001048	52.50177	-.000191
#2	-.000329	-.000093	-.002878	.008359	52.79381	.000344
#3	-.000374	-.000086	-.002902	.003633	52.55568	-.000214

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001705	.0114233	.0051457	-.009743	.0006735	-.000317
Stddev	.001149	.0079766	.0005659	.051809	.0002418	.000316
%RSD	67.37991	69.82786	10.99647	531.7873	35.89853	99.73141

#1	-.002935	.0080735	.0050206	-.060865	.0006956	-.000682
#2	-.000661	.0205286	.0057637	.042727	.0009034	-.000147
#3	-.001518	.0056677	.0046529	-.011090	.0004214	-.000123

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.085346	-.122096	.0020858	-.060781	.0014189	.0033389
Stddev	.054249	.003688	.0029965	.016096	.0008146	.0005264
%RSD	63.56390	3.020239	143.6613	26.48196	57.41035	15.76509

#1	-.138653	-.124223	-.000798	-.065248	.0018500	.0033936
#2	-.030201	-.117838	.005183	-.042924	.0019273	.0027874
#3	-.087185	-.124227	.001873	-.074173	.0004793	.0038359

Sample Name: CR 50PPM Acquired: 11/25/2019 13:52:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022887	.0094307	-.002339	-.004173	-.000702	-.017667
Stddev	.0003094	.0055275	.000836	.000523	.000133	.000444
%RSD	13.51915	58.61184	35.73589	12.53231	18.98491	2.515662

#1	.0024392	.0152609	-.001660	-.003929	-.000707	-.017243
#2	.0024941	.0042661	-.002084	-.003817	-.000833	-.018130
#3	.0019328	.0087651	-.003272	-.004774	-.000566	-.017629

Elem	Sr4077
Units	ppm
Avg	.0003379
Stddev	.0000646
%RSD	19.12889

#1	.0003416
#2	.0004006
#3	.0002715

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1926.945	3176.736	52859.76	9131.300	4285.293
Stddev	6.237	7.716	54.69	43.440	13.235
%RSD	.3236798	.2428839	.1034713	.4757264	.3088423

#1	1924.820	3168.228	52880.90	9174.740	4270.323
#2	1933.966	3178.703	52900.74	9087.860	4295.441
#3	1922.047	3183.279	52797.66	9131.300	4290.115

Sample Name: CO 50PPM Acquired: 11/25/2019 14:00:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032976	.1184183	-.000605	-.023752	-.002074	-.008955
Stddev	.0018790	.0012227	.000199	.002681	.001023	.001941
%RSD	56.98209	1.032519	32.87729	11.28707	49.33340	21.67939

#1	.0043100	.1183901	-.000386	-.021870	-.002937	-.006927
#2	.0011294	.1172099	-.000655	-.022565	-.002342	-.009141
#3	.0044534	.1196548	-.000774	-.026822	-.000944	-.010797

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000841	-.000032	-.000016	-.002917	.0000923	F 48.08086
Stddev	.0006384	.000035	.000111	.001945	.0003312	.08562
%RSD	758.9868	111.2204	708.7490	66.66443	358.8392	.1780712

#1	-.000502	-.000013	-.000103	-.002245	-.000052	48.06744
#2	.000765	-.000009	-.000054	-.005109	-.000142	48.00275
#3	-.000011	-.000072	.000110	-.001397	.000471	48.17240

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.040717	-.001666	.0002471	-.036086	-.026420	-.000320
Stddev	.003364	.006624	.0001001	.006022	.000413	.000154
%RSD	8.261023	397.6726	40.49862	16.68640	1.564587	47.94428

#1	-.041517	-.006566	.0001989	-.041908	-.026297	-.000466
#2	-.043609	.005871	.0001803	-.029883	-.026081	-.000160
#3	-.037026	-.004303	.0003622	-.036468	-.026880	-.000336

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1275434	.0018631	.0055538	-.086581	.0020674	.1115421
Stddev	.1940104	.0021532	.0032266	.089501	.0011941	.0023703
%RSD	152.1132	115.5740	58.09769	103.3730	57.76015	2.125010

#1	-.057054	.0020503	.0085991	-.103582	.0030811	.1103359
#2	.329764	-.000378	.0058900	-.166362	.0007510	.1142729
#3	.109920	.003917	.0021722	.010202	.0023701	.1100175

Sample Name: CO 50PPM Acquired: 11/25/2019 14:00:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000333	.0217322	-.002045	-.001612	-.007278	-.020529
Stddev	.000092	.0019023	.000960	.000170	.001429	.002449
%RSD	27.53869	8.753447	46.94382	10.52277	19.63515	11.92944

#1	-.000262	.0197459	-.001574	-.001433	-.008888	-.022107
#2	-.000299	.0235377	-.003149	-.001771	-.006787	-.017708
#3	-.000436	.0219130	-.001411	-.001633	-.006159	-.021773

Elem	Sr4077
Units	ppm
Avg	.0000052
Stddev	.0000342
%RSD	656.8251

#1	.0000407
#2	-.000028
#3	.000002

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2251.569	3607.728	53044.57	9155.123	4302.017
Stddev	9.998	5.811	160.53	43.956	3.539
%RSD	.4440575	.1610788	.3026396	.4801234	.0822553

#1	2258.812	3612.836	52927.78	9127.330	4298.011
#2	2240.162	3601.405	53227.63	9132.240	4303.323
#3	2255.733	3608.942	52978.29	9205.800	4304.717

Sample Name: V 50PPM Acquired: 11/25/2019 13:56:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039772	-.729280	-.005690	.0061032	-.069242	-.001844
Stddev	.0027515	.000470	.000938	.0027684	.001107	.001591
%RSD	69.18044	.0643825	16.49160	45.35937	1.599087	86.27024

#1	.0018939	-.729039	-.004788	.0076926	-.069987	-.002842
#2	.0029416	-.729821	-.006661	.0077103	-.069770	-.000009
#3	.0070963	-.728980	-.005621	.0029066	-.067970	-.002679

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000522	-.000024	.0001189	.0200298	.0013252	.0003090
Stddev	.000314	.000059	.0000493	.0180060	.0007801	.0000541
%RSD	60.11968	251.8180	41.41899	89.89617	58.86415	17.52284

#1	-.000688	-.000016	.0001166	.0051241	.0019370	.0003662
#2	-.000160	-.000087	.0000709	.0400357	.0015917	.0003020
#3	-.000719	.000031	.0001693	.0149295	.0004468	.0002586

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.013498	.0107406	-.000214	-.000101	-.000164	-.057189
Stddev	.003511	.0105876	.000290	.028238	.000257	.000815
%RSD	26.01012	98.57509	135.6775	27874.65	156.6099	1.425249

#1	-.011022	.0045484	-.000064	-.025525	-.000309	-.057996
#2	-.011956	.0229657	-.000030	-.005071	-.000316	-.057204
#3	-.017516	.0047077	-.000549	.030292	.000133	-.056366

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0321252	F 53.13651	-.001691	-.106940	-.015960	-.012655
Stddev	.0793692	.23872	.002320	.058896	.001175	.000370
%RSD	247.0619	.4492672	137.1470	55.07397	7.359118	2.921012

#1	.0513782	53.30957	-.003928	-.039048	-.016863	-.012803
#2	-.055099	52.86417	-.001850	-.137457	-.016385	-.012234
#3	.100097	53.23580	.000703	-.144316	-.014633	-.012928

Sample Name: V 50PPM Acquired: 11/25/2019 13:56:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002481	-.000405	-.002448	-.002638	-.015796	-.018196
Stddev	.000359	.002152	.000697	.000653	.000678	.000331
%RSD	14.45139	530.9344	28.48064	24.76893	4.291378	1.820383
#1	-.002659	-.000178	-.003069	-.002985	-.016577	-.017843
#2	-.002716	-.002662	-.001694	-.001885	-.015451	-.018500
#3	-.002069	.001624	-.002581	-.003045	-.015361	-.018245

Elem	Sr4077
Units	ppm
Avg	.0000875
Stddev	.0000601
%RSD	68.70059
#1	.0000207
#2	.0001373
#3	.0001046

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2239.023	3621.155	52701.09	9092.013	4276.746
Stddev	13.385	2.505	207.92	31.370	7.184
%RSD	.5978095	.0691751	.3945177	.3450272	.1679782
#1	2226.966	3623.390	52473.54	9086.445	4279.059
#2	2253.426	3618.447	52748.56	9125.794	4268.691
#3	2236.676	3621.627	52881.16	9063.800	4282.489

Sample Name: CU 50PPM Acquired: 11/25/2019 14:05:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000535	-.000317	.1259653	.0017941	-.002067	.0338282
Stddev	.000314	.001283	.0028613	.0013346	.001918	.0103966
%RSD	58.69160	405.1636	2.271482	74.38841	92.76235	30.73354

#1	-.000782	-.001798	.1291363	.0003601	-.003584	.0446341
#2	-.000182	.000465	.1235764	.0020223	-.002707	.0329546
#3	-.000641	.000382	.1251833	.0029999	.000088	.0238960

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000004	-.000002	.0001463	.0310554	.0064718	.0005353
Stddev	.000744	.000059	.0000096	.0052163	.0006471	.0004072
%RSD	18229.30	3268.676	6.560276	16.79693	9.998544	76.07322

#1	-.000736	-.000068	.0001476	.0361840	.0071685	.0009816
#2	-.000029	.000044	.0001361	.0257555	.0063571	.0001839
#3	.000752	.000019	.0001551	.0312267	.0058896	.0004404

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 52.66251	.0895530	.0026786	.0167312	.0046151	.0005469
Stddev	.18628	.0006002	.0002522	.0239507	.0005596	.0002013
%RSD	.3537242	.6701858	9.414213	143.1500	12.12501	36.81798

#1	52.75181	.0901170	.0024026	-.002588	.0044649	.0006168
#2	52.78732	.0896199	.0028969	.009252	.0041460	.0003199
#3	52.44839	.0889222	.0027363	.043529	.0052345	.0007040

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1202832	-.000154	.0444227	-.132710	-.547598	-.007553
Stddev	.3704988	.000838	.0020802	.076565	.004591	.001740
%RSD	308.0220	544.0456	4.682810	57.69333	.8384706	23.03457

#1	-.302515	.000435	.0420691	-.075538	-.542698	-.007674
#2	.388255	-.001114	.0460154	-.102895	-.551801	-.009228
#3	.275109	.000217	.0451834	-.219697	-.548294	-.005755

Sample Name: CU 50PPM Acquired: 11/25/2019 14:05:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003084	.0116703	-.000960	-.004294	.0014802	-.019318
Stddev	.0003378	.0011642	.000709	.000240	.0007198	.001660
%RSD	109.5392	9.975599	73.88259	5.583000	48.62617	8.593098
#1	-.000016	.0107295	-.001724	-.004055	.0022870	-.021134
#2	.000658	.0113091	-.000833	-.004293	.0009042	-.018943
#3	.000283	.0129723	-.000323	-.004535	.0012494	-.017878

Elem	Sr4077
Units	ppm
Avg	.0000483
Stddev	.0000274
%RSD	56.66468
#1	.0000190
#2	.0000732
#3	.0000527

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2235.089	3621.894	53047.10	9156.423	4272.850
Stddev	5.371	4.832	243.07	33.928	5.375
%RSD	.2402851	.1334120	.4582080	.3705353	.1258029
#1	2237.779	3622.212	52779.12	9180.152	4267.898
#2	2238.584	3626.559	53253.36	9171.556	4278.567
#3	2228.905	3616.911	53108.82	9117.562	4272.084

Sample Name: ZN 50PPM Acquired: 11/25/2019 14:13:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006063	-.001164	.0022110	.0048463	-.003506	.0227601
Stddev	.000460	.000975	.0013800	.0002940	.001177	.0041068
%RSD	7.592661	83.77120	62.41238	6.066794	33.55702	18.04374

#1	-.005717	-.000334	.0008084	.0051468	-.002169	.0274992
#2	-.006586	-.000921	.0035671	.0048330	-.003965	.0202437
#3	-.005887	-.002238	.0022576	.0045592	-.004384	.0205374

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011765	-.000005	.0012369	.0134528	.0035754	.0000562
Stddev	.0001967	.000014	.0000629	.0008804	.0002180	.0001486
%RSD	16.71681	258.5662	5.089239	6.543950	6.096559	264.5900

#1	.0013046	-.000000	.0013095	.0135803	.0037859	.0002024
#2	.0009501	-.000021	.0011981	.0125157	.0035897	.0000609
#3	.0012750	.000005	.0012030	.0142625	.0033506	-.000095

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084693	.0819839	.0044013	.0010016	.0057986	.0003149
Stddev	.0031515	.0065486	.0003567	.0197789	.0003639	.0003567
%RSD	37.21031	7.987612	8.104821	1974.764	6.276038	113.2470

#1	.0051436	.0763003	.0046146	.0228937	.0059346	.0004057
#2	.0114113	.0891450	.0045998	-.015580	.0060751	.0006175
#3	.0088530	.0805066	.0039895	-.004309	.0053863	-.000078

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1096206	.0013119	F 53.03434	-.153216	-.001055	-.007345
Stddev	.4209300	.0016862	.38825	.052959	.002202	.000901
%RSD	383.9879	128.5281	.7320677	34.56509	208.7770	12.26523

#1	-.199921	.0011288	53.46523	-.145006	.001470	-.006308
#2	.588922	-.000275	52.71173	-.104842	-.002578	-.007933
#3	-.060139	.003082	52.92606	-.209801	-.002055	-.007794

Sample Name: ZN 50PPM Acquired: 11/25/2019 14:13:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004452	.0013656	.0023763	-.001977	.0020444	-.021416
Stddev	.0002501	.0042315	.0003214	.001185	.0007580	.001018
%RSD	56.18016	309.8621	13.52650	59.93544	37.07605	4.753908
#1	.0006346	.0034317	.0021813	-.003344	.0028242	-.020646
#2	.0001617	.0041671	.0022002	-.001352	.0019989	-.021032
#3	.0005395	-.003502	.0027472	-.001236	.0013102	-.022570

Elem	Sr4077
Units	ppm
Avg	.0011914
Stddev	.0000300
%RSD	2.520858
#1	.0011638
#2	.0011869
#3	.0012234

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2254.452	3634.744	53120.44	9106.409	4245.675
Stddev	15.606	5.688	135.77	57.935	6.993
%RSD	.6922467	.1564932	.2555840	.6362027	.1647162
#1	2238.755	3628.300	52981.20	9143.391	4238.730
#2	2269.966	3639.069	53252.45	9136.195	4252.716
#3	2254.635	3636.861	53127.65	9039.640	4245.577

Sample Name: TI 50PPM Acquired: 11/25/2019 14:21:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030306	-.033807	-.001024	.0042429	.0029413	.0147008	-.005419
Stddev	.0038697	.000642	.000769	.0046178	.0006087	.0065951	.000422
%RSD	127.6861	1.899148	75.13668	108.8351	20.69527	44.86190	7.795770

#1	-.001032	-.033901	-.000137	.0067985	.0032405	.0196653	-.004931
#2	.003450	-.033123	-.001429	-.001088	.0022409	.0172196	-.005651
#3	.006673	-.034396	-.001505	.007018	.0033424	.0072176	-.005675

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000063	-.000004	.0008069	.0009582	.0960839	-.041873	-.004909
Stddev	.000056	.000128	.0016237	.0004104	.0000676	.002018	.008907
%RSD	89.52415	3618.862	201.2393	42.82789	.0703465	4.818600	181.4349

#1	-.000015	.000034	-.000767	.0014238	.0961383	-.039727	.000517
#2	-.000049	.000101	.002476	.0008012	.0960083	-.042162	-.000056
#3	-.000124	-.000146	.000712	.0006494	.0961052	-.043731	-.015189

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000112	-.126627	-.000475	-.002813	-.055586	.0208781	-.011835
Stddev	.000343	.020264	.000488	.000130	.027409	.0023630	.002725
%RSD	306.7388	16.00292	102.6591	4.629411	49.30995	11.31787	23.02444

#1	.000269	-.135250	-.000565	-.002700	-.087212	.0216256	-.013799
#2	-.000398	-.103478	.000051	-.002955	-.038710	.0227769	-.012983
#3	-.000206	-.141154	-.000912	-.002783	-.040836	.0182318	-.008724

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.097915	-.000844	.0405891	-.000435	-.000234	1.094799	-.137584
Stddev	.042612	.001394	.0003550	.000206	.002705	.027576	.001106
%RSD	43.51996	165.1696	.8745226	47.44616	1154.651	2.518796	.8035211

#1	-.058634	-.002259	.0401956	-.000588	.001698	1.074197	-.138075
#2	-.091892	-.000801	.0406863	-.000200	.000925	1.084074	-.136318
#3	-.143218	.000528	.0408853	-.000516	-.003326	1.126126	-.138359

Sample Name: TI 50PPM Acquired: 11/25/2019 14:21:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	51.09350	-.023425	.0001342
Stddev	.24638	.000362	.0000473
%RSD	.4822128	1.547433	35.23321

#1	50.85504	-.023053	.0001696
#2	51.07837	-.023777	.0000805
#3	51.34710	-.023445	.0001526

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2222.840	3619.934	52412.73	9046.736	4271.780
Stddev	15.220	8.655	262.59	16.656	7.447
%RSD	.6847059	.2391022	.5010137	.1841134	.1743381

#1	2236.133	3610.319	52454.87	9044.443	4267.118
#2	2206.238	3627.103	52131.61	9031.345	4280.369
#3	2226.150	3622.379	52651.70	9064.420	4267.854

Sample Name: PB 50PPM Acquired: 11/25/2019 14:17:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035629	-.000452	F 50.13825	-.001362	-.002133	.0147077
Stddev	.0015015	.001954	.09438	.004236	.000098	.0058014
%RSD	42.14382	432.7158	.1882301	311.1238	4.582015	39.44457

#1	.0027390	.001784	50.08214	-.004972	-.002102	.0082758
#2	.0026536	-.001831	50.08540	-.002415	-.002242	.0195450
#3	.0052960	-.001308	50.24721	.003302	-.002054	.0163024

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015597	-.000002	.0000675	.0039686	.0025545	.0002219
Stddev	.0003615	.000022	.0000095	.0149359	.0003980	.0001075
%RSD	23.17475	1192.481	14.14048	376.3494	15.58156	48.46842

#1	.0012779	.000019	.0000765	.0073698	.0028670	.0001019
#2	.0019673	-.000025	.0000685	-.012375	.0021064	.0002541
#3	.0014340	.000000	.0000575	.016911	.0026902	.0003096

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002377	.0155086	.0000322	.0062156	.0013564	.0015921
Stddev	.002720	.0037768	.0002529	.0122108	.0002608	.0003978
%RSD	114.4526	24.35267	786.1759	196.4545	19.22538	24.98943

#1	-.003400	.0114239	-.000247	.0054592	.0011711	.0019169
#2	.000707	.0162282	.000097	-.005599	.0016546	.0011483
#3	-.004437	.0188739	.000247	.018787	.0012436	.0017110

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0711900	.0013943	.0098892	-.118565	-.000803	-.007259
Stddev	.1400886	.0032033	.0015810	.072090	.002552	.000515
%RSD	196.7814	229.7522	15.98720	60.80199	317.6183	7.096393

#1	.2213605	.0044552	.0105889	-.174172	-.002928	-.006738
#2	-.055967	-.001935	.0109996	-.037116	-.001508	-.007271
#3	.048176	.001662	.0080791	-.144407	.002027	-.007769

Sample Name: PB 50PPM Acquired: 11/25/2019 14:17:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016056	.0033857	.0000863	-.001338	.0022538	-.021017
Stddev	.0000622	.0062585	.0012644	.000512	.0018900	.002735
%RSD	3.873952	184.8486	1465.097	38.24056	83.85835	13.01074
#1	.0015967	.0093718	.0006002	-.001122	.0019144	-.019566
#2	.0015484	-.003114	.0010129	-.001922	.0042905	-.024171
#3	.0016719	.003899	-.001354	-.000969	.0005565	-.019314

Elem	Sr4077
Units	ppm
Avg	.0009635
Stddev	.0000080
%RSD	.8333239
#1	.0009672
#2	.0009543
#3	.0009690

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2228.822	3617.612	52569.24	9041.523	4243.223
Stddev	10.907	6.117	83.58	78.998	9.474
%RSD	.4893440	.1690871	.1589978	.8737204	.2232675
#1	2235.080	3614.741	52653.65	8978.240	4237.288
#2	2216.228	3624.637	52486.51	9016.270	4254.148
#3	2235.158	3613.460	52567.55	9130.060	4238.232

Sample Name: CCV070 Acquired: 11/25/2019 14:29:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV070 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.259200	5.271358	26.77036	5.089252	5.336375	423.9570	10.75392
Stddev	.006449	.005971	.03655	.008469	.008683	2.1472	.03684
%RSD	.1226192	.1132741	.1365486	.1664082	.1627095	.5064719	.3425634

#1	5.266132	5.265858	26.72824	5.082354	5.327261	425.5841	10.78197
#2	5.253379	5.270507	26.78905	5.086699	5.337312	424.7637	10.76760
#3	5.258088	5.277709	26.79379	5.098704	5.344551	421.5233	10.71220

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5359596	2.700406	438.1564	16.60048	2.705309	15.91111	435.7684
Stddev	.0056238	.005243	.7921	.01032	.003886	.15001	1.8607
%RSD	1.049296	.1941524	.1807699	.0621806	.1436455	.9427810	.4269927

#1	.5295560	2.695089	438.3784	16.60089	2.700876	16.06856	437.8827
#2	.5400958	2.700558	438.8138	16.61060	2.706919	15.89491	435.0423
#3	.5382269	2.705571	437.2770	16.58997	2.708131	15.76986	434.3803

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.94442	430.8479	2.691819	1.329407	424.3849	2.661182	15.86933
Stddev	.03507	1.3245	.003106	.018314	2.0485	.019538	.13907
%RSD	.2199541	.3074195	.1153893	1.377634	.4827095	.7341897	.8763637

#1	15.98006	432.3407	2.688234	1.312927	426.2938	2.682605	15.85237
#2	15.94325	430.3900	2.693715	1.349124	424.6403	2.656599	16.01610
#3	15.90994	429.8132	2.693508	1.326170	422.2206	2.644343	15.73951

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	161.1014	5.482872	4.865400	5.243973	5.439192	5.263983	5.405747
Stddev	1.7596	.027888	.051564	.004259	.004151	.056804	.006731
%RSD	1.092254	.5086306	1.059800	.0812224	.0763125	1.079112	.1245179

#1	162.8563	5.452538	4.805901	5.243867	5.438929	5.200048	5.398500
#2	161.1107	5.507398	4.893238	5.239767	5.435178	5.308639	5.411803
#3	159.3371	5.488681	4.897062	5.248284	5.443467	5.283262	5.406938

Sample Name: CCV070 Acquired: 11/25/2019 14:29:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV070 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.412532	5.445328	5.414178
Stddev	.044633	.013613	.014784
%RSD	.8246154	.2499993	.2730679

#1	5.361115	5.441911	5.424531
#2	5.435189	5.460324	5.397246
#3	5.441292	5.433748	5.420757

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1956.938	3151.467	48332.24	8835.853	3347.360
Stddev	20.003	11.196	416.20	13.860	10.070
%RSD	1.022165	.3552524	.8611244	.1568577	.3008421

#1	1968.075	3160.803	48447.07	8839.690	3357.315
#2	1933.845	3154.544	47870.68	8820.479	3347.585
#3	1968.893	3139.055	48678.97	8847.390	3337.178

Sample Name: MO 50PPM Acquired: 11/25/2019 14:25:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002459	-.128748	-.073543	.0165021	-.142320	1.586077	-.000537
Stddev	.001459	.002130	.001160	.0018538	.001279	.018176	.000451
%RSD	59.31075	1.654334	1.577931	11.23374	.8983763	1.145946	83.89912

#1	-.003469	-.130002	-.072793	.0149978	-.141599	1.606778	-.000787
#2	-.003122	-.126289	-.074880	.0185731	-.143796	1.578720	-.000808
#3	-.000787	-.129954	-.072957	.0159354	-.141564	1.572733	-.000017

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.017190	-.001982	-.017094	-.003416	-.047898	.0084442	-.013335
Stddev	.000036	.000038	.008356	.000297	.000217	.0017376	.006013
%RSD	.2077352	1.918964	48.88188	8.708536	.4535827	20.57733	45.08809

#1	-.017205	-.001948	-.026707	-.003104	-.048125	.0102486	-.020068
#2	-.017149	-.002023	-.012997	-.003448	-.047692	.0067821	-.008501
#3	-.017216	-.001974	-.011577	-.003696	-.047876	.0083019	-.011437

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001602	-.660316	-.003523	-.000105	.2354139	-.408617	-.000630
Stddev	.000365	.016617	.000182	.000262	.3734802	.003915	.002628
%RSD	22.80886	2.516591	5.161545	249.2380	158.6483	.9580013	417.4024

#1	-.001913	-.646008	-.003364	-.000209	.5457072	-.412977	.001730
#2	-.001200	-.678543	-.003484	-.000299	-.179109	-.405403	-.000157
#3	-.001694	-.656399	-.003721	.000193	.339643	-.407472	-.003462

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.146430	.0002597	-.055026	47.59943	-.367087	.4772661	-.001130
Stddev	.086952	.0030743	.001081	.15463	.005041	.0026661	.001172
%RSD	59.38081	1183.844	1.964097	.3248651	1.373281	.5586271	103.7792

#1	-.173873	.0001306	-.056239	47.67150	-.365448	.4797070	-.002456
#2	-.049068	.0033965	-.054671	47.42191	-.363069	.4776704	-.000699
#3	-.216350	-.002748	-.054166	47.70487	-.372744	.4744209	-.000234

Sample Name: MO 50PPM Acquired: 11/25/2019 14:25:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0037980	-.019751	.0000678
Stddev	.0006407	.001310	.0000438
%RSD	16.86849	6.631693	64.60068

#1	.0044823	-.019167	.0001177
#2	.0036993	-.021251	.0000502
#3	.0032124	-.018835	.0000356

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2244.138	3583.989	53058.55	9128.543	4042.975
Stddev	6.352	8.062	81.79	28.564	6.339
%RSD	.2830303	.2249543	.1541520	.3129063	.1567883

#1	2237.358	3577.534	53122.63	9123.120	4045.314
#2	2245.105	3593.026	53086.60	9103.080	4047.812
#3	2249.950	3581.406	52966.43	9159.430	4035.799

Sample Name: CCB070 Acquired: 11/25/2019 14:33:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB070 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007116	.0001253	.0015505	.0035414	-.001770	.0179902	.0006580
Stddev	.0031516	.0008196	.0017061	.0012090	.001710	.0290891	.0001934
%RSD	442.8676	654.3341	110.0362	34.14037	96.56753	161.6942	29.38749

#1	.0042960	-.000528	.0030035	.0021758	-.001416	.0411213	.0007973
#2	-.000535	-.000141	.0019762	.0039728	-.003630	-.014668	.0004372
#3	-.001626	.001045	-.000328	.0044756	-.000266	.027517	.0007396

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000037	.0000441	.0161413	.0000243	-.000117	.0004595	.0196775
Stddev	.000031	.0000634	.0146574	.0002558	.000253	.0008379	.0129296
%RSD	83.48964	143.9032	90.80648	1050.656	216.9311	182.3282	65.70773

#1	-.000050	.0001041	.0326620	.0002191	-.000035	-.000075	.0342047
#2	-.000002	.0000503	.0110654	-.000265	-.000401	.000028	.0153965
#3	-.000059	-.000022	.0046966	.000119	.000086	.001425	.0094313

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001922	.0114169	-.000050	.0001705	-.079540	.0018702	.0044906
Stddev	.0004560	.0152520	.000253	.0001405	.307655	.0021110	.0006260
%RSD	237.2892	133.5915	508.7720	82.38798	386.7906	112.8737	13.94126

#1	.0003580	-.006169	-.000298	.0001254	-.331955	.0038437	.0044482
#2	.0005420	.021030	.000207	.0003280	-.169819	-.000356	.0051367
#3	-.000324	.019390	-.000058	.0000581	.263154	.002123	.0038868

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0145160	.0003256	.0018572	.0011156	-.000099	.0015435	-.001757
Stddev	.0154404	.0053666	.0009897	.0003950	.003413	.0007336	.000045
%RSD	106.3687	1648.000	53.28734	35.40844	3434.960	47.52903	2.549392

#1	-.000224	.0054944	.0027960	.0015716	.000080	.0010744	-.001717
#2	.030572	.0007014	.0019521	.0008968	-.003598	.0011672	-.001805
#3	.013200	-.005219	.0008235	.0008784	.003220	.0023888	-.001748

Sample Name: CCB070 Acquired: 11/25/2019 14:33:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB070 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009764	-.004331	.0001941
Stddev	.0006070	.000861	.0000642
%RSD	62.17025	19.88319	33.06926

#1	.0016064	-.003796	.0002224
#2	.0009275	-.003874	.0002392
#3	.0003953	-.005325	.0001206

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2235.284	3600.914	52516.86	9031.350	4231.839
Stddev	15.628	5.787	257.88	14.542	9.652
%RSD	.6991399	.1607107	.4910439	.1610155	.2280842

#1	2224.641	3598.234	52547.50	9014.750	4220.801
#2	2227.986	3607.556	52245.03	9041.840	4236.025
#3	2253.226	3596.954	52758.05	9037.460	4238.691

Sample Name: CCV071 Acquired: 11/25/2019 16:17:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV071 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.166375	5.167699	26.14850	4.997350	5.214479	420.6644	10.72219
Stddev	.016961	.010664	.07734	.015979	.006435	.9765	.02282
%RSD	.3282865	.2063597	.2957883	.3197407	.1234085	.2321212	.2127933

#1	5.181919	5.174236	26.05928	4.998912	5.209704	419.6740	10.72617
#2	5.168920	5.155393	26.18963	4.980647	5.221797	421.6262	10.74275
#3	5.148285	5.173466	26.19658	5.012490	5.211937	420.6930	10.69764

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5358072	2.643155	435.3330	16.39938	2.645692	16.05364	426.0441
Stddev	.0053360	.007656	.8737	.01427	.006158	.03126	.6379
%RSD	.9958817	.2896467	.2006885	.0870185	.2327627	.1946940	.1497333

#1	.5381350	2.634651	436.3396	16.39167	2.638657	16.01755	426.7793
#2	.5297028	2.645314	434.8884	16.41585	2.648316	16.07224	425.6373
#3	.5395839	2.649499	434.7711	16.39063	2.650104	16.07112	425.7156

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.04685	425.0431	2.627163	1.326948	415.1118	2.627438	15.91692
Stddev	.05385	.6246	.003197	.008384	1.3798	.009973	.13757
%RSD	.3355662	.1469454	.1216845	.6318289	.3323903	.3795745	.8643080

#1	16.10055	425.5901	2.623960	1.330829	415.9779	2.629428	15.99284
#2	15.99286	424.3626	2.627176	1.317327	415.8369	2.636265	15.75812
#3	16.04714	425.1767	2.630354	1.332688	413.5206	2.616619	15.99981

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	161.8257	5.349088	4.944518	5.089131	5.314596	5.273957	5.236331
Stddev	.4298	.018355	.029785	.003442	.003182	.054142	.007920
%RSD	.2656119	.3431390	.6023783	.0676352	.0598729	1.026588	.1512433

#1	161.3314	5.368526	4.964777	5.085345	5.318046	5.301167	5.227349
#2	162.1120	5.332053	4.910320	5.089974	5.313967	5.211607	5.239331
#3	162.0336	5.346686	4.958458	5.092072	5.311776	5.309097	5.242312

Sample Name: CCV071 Acquired: 11/25/2019 16:17:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV071 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.408614	5.398515	5.363515
Stddev	.034849	.005011	.015400
%RSD	.6443165	.0928145	.2871234

#1	5.415943	5.401469	5.376182
#2	5.370684	5.401346	5.346373
#3	5.439216	5.392729	5.367990

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1889.692	3133.201	46811.50	8547.542	3338.140
Stddev	24.919	.270	197.86	60.180	5.670
%RSD	1.318660	.0086289	.4226757	.7040568	.1698589

#1	1883.044	3133.055	46839.63	8508.614	3344.664
#2	1917.260	3133.036	46993.80	8616.856	3335.360
#3	1868.771	3133.513	46601.09	8517.155	3334.396

Sample Name: CCB071 Acquired: 11/25/2019 16:21:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004014	-.000051	.0031025	.0041130	-.002241	.0238184	.0004869
Stddev	.0012380	.002013	.0014203	.0036512	.000413	.0096987	.0004237
%RSD	308.3963	3987.352	45.78066	88.77147	18.42742	40.71941	87.02119

#1	.0016857	.001800	.0030184	.0000168	-.001927	.0262008	.0000541
#2	-.000784	-.002195	.0017260	.0070253	-.002709	.0321040	.0005058
#3	.000303	.000244	.0045630	.0052969	-.002087	.0131505	.0009009

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000041	.0000821	.0309405	.0007249	-.000170	.0017688	.0130400
Stddev	.0000479	.0000427	.0131533	.0001492	.000048	.0009850	.0060845
%RSD	1177.612	52.03103	42.51158	20.57653	28.19464	55.68665	46.66029

#1	-.000001	.0000385	.0409051	.0008398	-.000180	.0014487	.0200525
#2	.000054	.0000838	.0358850	.0007786	-.000213	.0009836	.0091608
#3	-.000041	.0001239	.0160315	.0005563	-.000118	.0028740	.0099066

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004135	-.017776	-.000336	.0004054	-.109111	-.000808	.0040078
Stddev	.0009227	.018807	.000174	.0004092	.193097	.002412	.0004390
%RSD	223.1588	105.7988	51.72438	100.9379	176.9725	298.5696	10.95413

#1	.0014650	-.010209	-.000251	.0004769	.080408	.001969	.0035812
#2	-.000261	-.003931	-.000221	.0007741	-.102144	-.002009	.0044583
#3	.000037	-.039188	-.000536	-.000035	-.305597	-.002383	.0039838

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0915761	-.001928	.0023976	.0001753	-.000106	.0015843	-.001046
Stddev	.0544244	.002639	.0005222	.0003765	.004706	.0006352	.000202
%RSD	59.43082	136.8848	21.77800	214.8302	4432.348	40.08939	19.34821

#1	.0292316	-.002631	.0018406	.0005359	.003468	.0015531	-.000826
#2	.1295963	.000991	.0024763	.0002052	-.005438	.0009654	-.001224
#3	.1159003	-.004143	.0028760	-.000215	.001652	.0022345	-.001088

Sample Name: CCB071 Acquired: 11/25/2019 16:21:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1018) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0023635	.0032748	.0002567
Stddev	.0013268	.0025198	.0001742
%RSD	56.13870	76.94311	67.87513

#1	.0012233	.0055214	.0004455
#2	.0038199	.0037527	.0002225
#3	.0020473	.0005504	.0001021

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2183.403	3586.227	51387.38	8739.087	4211.728
Stddev	12.212	6.201	294.12	33.012	4.421
%RSD	.5593157	.1729120	.5723515	.3777516	.1049666

#1	2189.143	3582.606	51524.09	8703.940	4208.142
#2	2169.378	3582.689	51049.79	8743.880	4210.375
#3	2191.687	3593.387	51588.26	8769.440	4216.668

Sample Name: FE 100PPM Acquired: 11/25/2019 16:38:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1026) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015897	-.000068	-.000743	.0027633	.0008303	-.001051
Stddev	.0032596	.001694	.000840	.0025989	.0012513	.014594
%RSD	205.0450	2507.392	113.0565	94.04763	150.7020	1388.707

#1	.0036371	-.002016	-.001049	.0043310	.0011187	-.017862
#2	-.002169	.000758	-.001388	.0041955	-.000540	.006342
#3	.003301	.001056	.000207	-.000237	.001912	.008367

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002987	.0009993	.0001461	-.019016	.0001631	.0011214
Stddev	.0009664	.0000865	.0000999	.008364	.0002638	.0003451
%RSD	323.5403	8.656683	68.36636	43.98212	161.7776	30.77642

#1	-.000181	.0009177	.0002299	-.020174	.0002134	.0007650
#2	-.000334	.0010900	.0001729	-.010134	.0003981	.0011453
#3	.001411	.0009903	.0000356	-.026741	-.000122	.0014540

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015800	F 110.5411	-.000854	-.026765	-.001275	.0014137
Stddev	.0009989	.5624	.000491	.023918	.000117	.0007225
%RSD	63.22392	.5087297	57.51339	89.36445	9.170823	51.10787

#1	.0006781	110.0269	-.000673	-.042392	-.001254	.0013682
#2	.0014083	110.4548	-.001409	.000770	-.001170	.0007150
#3	.0026536	111.1417	-.000479	-.038671	-.001401	.0021579

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.069822	.0013253	.0036980	-.117345	.0027109	.0033952
Stddev	.232527	.0028767	.0056111	.089622	.0017940	.0019211
%RSD	333.0287	217.0623	151.7355	76.37502	66.17660	56.58452

#1	-.332390	.0017463	.0057107	-.212161	.0033560	.0012329
#2	.110065	.0039683	.0080251	-.105849	.0006836	.0040473
#3	.012860	-.001739	-.002642	-.034025	.0040932	.0049054

Sample Name: FE 100PPM Acquired: 11/25/2019 16:38:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1026) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001071	-.006317	-.008100	.0009353	.0007385	-.003731
Stddev	.000575	.003490	.001998	.0015677	.0014512	.001441
%RSD	53.66852	55.25432	24.66306	167.6061	196.5022	38.61924

#1	-.001518	-.010077	-.006823	-.000750	.0013712	-.002081
#2	-.000423	-.005692	-.010402	.002351	-.000922	-.004738
#3	-.001273	-.003181	-.007075	.001205	.001766	-.004374

Elem	Sr4077
Units	ppm
Avg	.0000691
Stddev	.0000699
%RSD	101.1330

#1	.0000363
#2	.0000217
#3	.0001494

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2195.666	3609.978	52045.66	8915.626	4194.216
Stddev	15.387	8.793	125.36	95.372	7.984
%RSD	.7007959	.2435870	.2408624	1.069712	.1903504

#1	2186.793	3610.345	52180.98	8925.589	4199.360
#2	2213.434	3618.582	52022.52	9005.624	4198.269
#3	2186.772	3601.007	51933.48	8815.664	4185.019

Sample Name: FE 250PPM Acquired: 11/25/2019 16:42:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1026) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003129	.0002953	.0015066	-.000303	.0054744	.0109430
Stddev	.002122	.0026157	.0008565	.001446	.0024129	.0099902
%RSD	67.83599	885.6720	56.84571	477.5713	44.07565	91.29330

#1	-.002591	-.000809	.0020728	.001365	.0026883	-.000583
#2	-.001327	-.001587	.0005213	-.001211	.0068856	.017117
#3	-.005468	.003282	.0019258	-.001062	.0068492	.016295

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010909	.0023166	.0004122	-.112226	-.000484	.0032886
Stddev	.0007079	.0000589	.0001987	.014295	.000365	.0002156
%RSD	64.88865	2.544403	48.20947	12.73780	75.53791	6.556584

#1	.0015653	.0023819	.0002707	-.100075	-.000896	.0035268
#2	.0002772	.0022673	.0006393	-.108625	-.000355	.0032323
#3	.0014302	.0023005	.0003265	-.127977	-.000200	.0031068

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003623	F 265.2139	-.002184	-.029292	-.003148	.0017134
Stddev	.000650	3.0175	.000204	.014972	.000552	.0003839
%RSD	17.93770	1.137762	9.352272	51.11173	17.52214	22.40491

#1	-.004077	266.3754	-.002416	-.041054	-.002996	.0021143
#2	-.002878	261.7883	-.002032	-.034384	-.003760	.0013492
#3	-.003912	267.4782	-.002104	-.012439	-.002689	.0016766

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2492624	.0033059	.0008500	-.062868	.0044613	.0125011
Stddev	.0971838	.0018576	.0012404	.043537	.0009613	.0023786
%RSD	38.98856	56.19006	145.9221	69.25188	21.54728	19.02730

#1	.3114643	.0026736	.0022050	-.096452	.0034205	.0101063
#2	.1372733	.0018470	-.000229	-.078473	.0046476	.0148632
#3	.2990497	.0053971	.000574	-.013679	.0053157	.0125339

Sample Name: FE 250PPM Acquired: 11/25/2019 16:42:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1026) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001964	-.015041	-.016702	.0001520	.0007703	-.003916
Stddev	.000124	.003320	.002323	.0004852	.0009790	.000502
%RSD	6.307535	22.07343	13.90901	319.2651	127.0862	12.82254
#1	-.001933	-.018805	-.018191	-.000386	.0002913	-.003351
#2	-.002101	-.013791	-.014025	.000557	.0001231	-.004312
#3	-.001859	-.012528	-.017890	.000285	.0018966	-.004084

Elem	Sr4077
Units	ppm
Avg	.0000010
Stddev	.0000347
%RSD	3314.628
#1	-.000038
#2	.000012
#3	.000029

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2188.659	3592.251	51708.91	8982.445	4167.224
Stddev	10.728	8.215	229.58	170.374	12.856
%RSD	.4901704	.2286877	.4439785	1.896742	.3085005
#1	2177.331	3598.960	51456.09	8823.548	4169.944
#2	2198.664	3594.704	51904.36	9162.348	4178.503
#3	2189.982	3583.089	51766.28	8961.439	4153.226

Sample Name: CA 250PPM Acquired: 11/25/2019 16:46:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1026) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032492	.0016864	-.000114	.0022858	-.000147	-.008099
Stddev	.0056941	.0036235	.001257	.0030101	.001617	.002100
%RSD	175.2460	214.8675	1103.267	131.6836	1103.283	25.93502

#1	.0005342	.0034199	.000393	.0053307	.000513	-.006014
#2	.0097927	-.002478	-.001546	-.000688	-.001989	-.008069
#3	-.000579	.004118	.000811	.002215	.001036	-.010214

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000836	.0000106	.0000140	F 272.8262	.0017402	-.001559
Stddev	.0005824	.0000352	.0000917	.8638	.0001780	.000189
%RSD	696.8729	333.0316	655.5353	.3166082	10.22819	12.13136

#1	.0007037	.0000445	.0000942	273.6129	.0016502	-.001452
#2	-.000452	-.000026	-.000086	271.9019	.0019453	-.001777
#3	-.000001	.000013	.000034	272.9639	.0016253	-.001447

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030468	.0300266	.0001097	.0288065	.0005026	.0002294
Stddev	.0030304	.0053599	.0002585	.0447017	.0001652	.0000904
%RSD	99.46006	17.85041	235.5852	155.1792	32.86682	39.42203

#1	.0022412	.0258644	.0004076	.0056244	.0004021	.0002801
#2	.0005007	.0281409	-.000023	.0803373	.0006933	.0002831
#3	.0063986	.0360744	-.000055	.0004578	.0004125	.0001250

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.141937	.0022560	.0095456	-.029322	-.000511	-.007552
Stddev	.331682	.0013026	.0019316	.047037	.002817	.000458
%RSD	233.6826	57.73873	20.23589	160.4146	551.2105	6.062990

#1	.075140	.0022784	.0073378	.015507	-.003477	-.008052
#2	.022785	.0009423	.0103746	-.078293	-.000184	-.007451
#3	-.523736	.0035472	.0109244	-.025180	.002129	-.007153

Sample Name: CA 250PPM Acquired: 11/25/2019 16:46:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1026) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000167	.0104071	.0001210	-.005716	-.005913	-.011051
Stddev	.000162	.0024346	.0004371	.001053	.000577	.001710
%RSD	96.94146	23.39368	361.3194	18.42612	9.762449	15.47757

#1	-.000309	.0117773	.0001318	-.006929	-.006170	-.012573
#2	-.000202	.0118479	.0005525	-.005189	-.006318	-.011379
#3	.000010	.0075962	-.000321	-.005031	-.005252	-.009200

Elem	Sr4077
Units	ppm
Avg	.0019515
Stddev	.0000260
%RSD	1.332056

#1	.0019593
#2	.0019728
#3	.0019225

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2103.241	3483.662	50330.72	8759.070	3989.313
Stddev	15.954	5.147	245.34	20.807	7.425
%RSD	.7585309	.1477373	.4874471	.2375448	.1861204

#1	2095.080	3477.846	50379.94	8771.504	3981.479
#2	2093.018	3487.628	50064.51	8770.657	3996.247
#3	2121.624	3485.512	50547.72	8735.050	3990.211

Sample Name: MG 250PPM Acquired: 11/25/2019 16:50:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1026) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031810	-.000077	-.001496	.0019033	-.002626	.0652563
Stddev	.0017430	.001789	.001429	.0026216	.000478	.0076580
%RSD	54.79565	2315.952	95.50753	137.7394	18.20160	11.73526

#1	.0051815	-.001073	-.001274	.0031677	-.003101	.0739660
#2	.0019897	-.001147	-.003023	-.001111	-.002145	.0622243
#3	.0023717	.001988	-.000191	.003653	-.002632	.0595785

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000204	.0000230	.0000548	.1026199	-.000481	.0002841
Stddev	.000536	.0000886	.0000265	.0033250	.000211	.0002749
%RSD	262.5332	385.3719	48.27783	3.240131	43.81924	96.77002

#1	-.000708	-.000073	.0000521	.1053479	-.000705	.0000003
#2	-.000265	.000101	.0000298	.0989162	-.000286	.0005491
#3	.000360	.000041	.0000826	.1035955	-.000453	.0003028

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002644	.0017209	.0005703	F 262.3560	.0061087	-.000372
Stddev	.002267	.0080452	.0003059	.8987	.0002516	.000057
%RSD	85.73461	467.4968	53.64230	.3425349	4.118404	15.24509

#1	-.003081	.0110091	.0002250	261.6163	.0059875	-.000311
#2	-.004661	-.002774	.0006786	263.3561	.0063979	-.000424
#3	-.000191	-.003072	.0008073	262.0957	.0059406	-.000382

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0909067	-.000173	.0094239	-.003149	-.000544	-.008566
Stddev	.2831479	.004717	.0035429	.032862	.000893	.000603
%RSD	311.4710	2728.072	37.59453	1043.518	164.1394	7.042677

#1	-.174211	-.002054	.0106456	-.001278	.000136	-.008023
#2	.057763	.005195	.0054319	-.036906	-.000213	-.009215
#3	.389168	-.003659	.0121944	.028737	-.001555	-.008461

Sample Name: MG 250PPM Acquired: 11/25/2019 16:50:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1026) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005767	.0011022	-.001434	-.001153	.0006714	-.012894
Stddev	.0002345	.0035819	.001687	.000416	.0006366	.000632
%RSD	40.65567	324.9763	117.6486	36.04652	94.82423	4.904223

#1	.0008462	.0047121	-.003131	-.000674	-.000062	-.013569
#2	.0004645	-.002451	.000242	-.001373	.001078	-.012315
#3	.0004195	.001046	-.001413	-.001413	.000999	-.012797

Elem	Sr4077
Units	ppm
Avg	.0000721
Stddev	.0001195
%RSD	165.7428

#1	-.000059
#2	.000175
#3	.000101

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2145.929	3514.824	50757.46	8847.955	3969.044
Stddev	19.022	11.602	361.47	20.340	10.369
%RSD	.8864193	.3300876	.7121516	.2298809	.2612425

#1	2124.263	3509.322	50380.99	8841.469	3963.575
#2	2159.888	3528.153	50789.61	8831.649	3981.003
#3	2153.636	3506.996	51101.78	8870.747	3962.555

Sample Name: AL 250PPM Acquired: 11/25/2019 16:54:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1026) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026744	-.000257	.0006899	.0027805	.0027510	F 241.5393
Stddev	.0023196	.001093	.0011664	.0083950	.0020393	2.1926
%RSD	86.73294	425.9513	169.0645	301.9217	74.12943	.9077451

#1	.0052015	-.001186	.0015749	.0104678	.0009093	243.1000
#2	.0021793	-.000531	-.000632	.0040511	.0024012	242.4852
#3	.0006423	.000948	.001127	-.006177	.0049426	239.0325

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001107	.0000059	-.000988	.0470735	-.002914	-.000011
Stddev	.0006875	.0000759	.000074	.0027917	.000477	.000251
%RSD	621.2931	1294.672	7.442044	5.930517	16.36087	2231.107

#1	-.000625	.0000531	-.000905	.0448282	-.002580	.000172
#2	.000221	.0000462	-.001046	.0461930	-.003460	-.000297
#3	.000736	-.000082	-.001013	.0501993	-.002703	.000091

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025707	-.000747	.0013047	.0974917	.0082960	.0004277
Stddev	.0042338	.007992	.0001280	.0178346	.0002605	.0003133
%RSD	164.6941	1069.475	9.812297	18.29349	3.139441	73.25885

#1	-.001616	-.009946	.0014479	.1145430	.0080246	.0005452
#2	.002478	.004485	.0012012	.0789654	.0085439	.0000726
#3	.006850	.003219	.0012650	.0989667	.0083194	.0006653

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2257072	-.000866	.0106175	.0102609	.0047050	-.008048
Stddev	.2763154	.003439	.0023267	.0621074	.0028331	.000605
%RSD	122.4221	397.0312	21.91396	605.2821	60.21558	7.523087

#1	.2736682	-.004771	.0088543	.0706988	.0015442	-.008368
#2	.4749024	.001713	.0132546	-.053391	.0055548	-.007350
#3	-.071449	.000459	.0097435	.013475	.0070159	-.008427

Sample Name: AL 250PPM Acquired: 11/25/2019 16:54:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1026) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008567	-.001935	.0053446	-.001351	.0021769	-.002481
Stddev	.0003832	.005673	.0008125	.000900	.0002896	.000814
%RSD	44.72813	293.1539	15.20281	66.66058	13.30428	32.80858
#1	.0008688	.000946	.0057127	-.000396	.0024090	-.001755
#2	.0012336	-.008470	.0044131	-.001471	.0022695	-.002327
#3	.0004676	.001719	.0059078	-.002185	.0018524	-.003361

Elem	Sr4077
Units	ppm
Avg	.0002022
Stddev	.0000698
%RSD	34.49614
#1	.0001470
#2	.0002806
#3	.0001791

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2212.863	3636.979	51333.35	9019.194	4162.876
Stddev	8.741	3.579	22.63	9.448	3.300
%RSD	.3950209	.0984159	.0440930	.1047576	.0792619
#1	2220.219	3633.119	51353.56	9014.879	4159.182
#2	2215.171	3637.632	51337.61	9012.674	4163.915
#3	2203.200	3640.188	51308.89	9030.030	4165.531

Sample Name: MN 50PPM Acquired: 11/25/2019 16:58:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1026) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012829	-.003675	-.000442	.0004027	-.004055	.0719078
Stddev	.0018288	.001303	.001599	.0034650	.001520	.0099387
%RSD	142.5547	35.45834	361.9101	860.5512	37.47850	13.82151

#1	.0031325	-.002174	-.001545	.0043952	-.003943	.0648818
#2	-.000524	-.004339	-.001173	-.001368	-.002594	.0832793
#3	.001241	-.004513	.001392	-.001819	-.005627	.0675624

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000450	-.002954	.0001001	.0957420	.0008335	.0031554
Stddev	.000428	.000073	.0000596	.0014972	.0004587	.0002650
%RSD	95.22234	2.483970	59.49335	1.563769	55.03342	8.397941

#1	-.000943	-.002895	.0000567	.0970602	.0013285	.0034325
#2	-.000175	-.002931	.0001680	.0960515	.0004228	.0029045
#3	-.000231	-.003036	.0000756	.0941142	.0007491	.0031292

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071212	.0038300	F 53.57036	-.096758	.0016382	-.000066
Stddev	.0051070	.0058522	.11453	.008786	.0003126	.000166
%RSD	71.71540	152.7991	.2137926	9.080550	19.08158	252.9290

#1	.0085530	-.001283	53.69294	-.088455	.0019283	-.000246
#2	.0113594	.002559	53.55204	-.105958	.0016793	.000080
#3	.0014511	.010213	53.46609	-.095862	.0013071	-.000030

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1561833	-.001098	.0205854	-.161978	-.000825	-.009025
Stddev	.2096044	.002652	.0030492	.071928	.001768	.000984
%RSD	134.2042	241.6306	14.81219	44.40623	214.1790	10.89824

#1	.0032245	.001265	.0179879	-.217815	-.000648	-.009531
#2	.0702228	-.000591	.0198257	-.080812	-.002675	-.007892
#3	.3951026	-.003967	.0239425	-.187308	.000847	-.009653

Sample Name: MN 50PPM Acquired: 11/25/2019 16:58:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1026) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001467	-.005904	.0027418	-.002072	.0004155	-.003151
Stddev	.000352	.005627	.0012488	.000382	.0006845	.000472
%RSD	24.00770	95.31405	45.54844	18.45729	164.7641	14.97003
#1	-.001275	-.012007	.0036116	-.002480	.0011590	-.003429
#2	-.001873	-.004780	.0013108	-.001722	.0002760	-.003418
#3	-.001253	-.000923	.0033029	-.002014	-.000189	-.002607

Elem	Sr4077
Units	ppm
Avg	.0000457
Stddev	.0000578
%RSD	126.5120
#1	.0000571
#2	.0000969
#3	-.000017

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2236.876	3676.583	52475.73	8998.107	4265.124
Stddev	25.246	8.888	384.05	64.820	2.515
%RSD	1.128631	.2417428	.7318563	.7203750	.0589763
#1	2224.042	3666.838	52310.67	9006.698	4262.232
#2	2220.625	3684.242	52201.81	8929.420	4266.338
#3	2265.961	3678.670	52914.71	9058.203	4266.802

Sample Name: CR 50PPM Acquired: 11/25/2019 17:02:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1026) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000867	-.000623	-.002239	.0007219	.0439512	.0077683
Stddev	.000146	.001236	.000574	.0007582	.0052673	.0086666
%RSD	16.88307	198.2535	25.65715	105.0346	11.98438	111.5648

#1	-.000945	.000793	-.001613	-.000061	.0401941	.0171429
#2	-.000959	-.001479	-.002742	.000774	.0499718	.0061137
#3	-.000698	-.001184	-.002361	.001453	.0416876	.0000482

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002577	-.000094	-.002635	.0040087	F 53.12577	.0008205
Stddev	.0002791	.000102	.000036	.0058762	.40332	.0002606
%RSD	108.2946	108.3416	1.369124	146.5847	.7591859	31.75746

#1	.0000249	-.000007	-.002616	-.002560	53.52457	.0005198
#2	.0001812	-.000206	-.002677	.008765	52.71807	.0009802
#3	.0005671	-.000068	-.002613	.005821	53.13468	.0009616

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057829	.0228336	.0104663	.0142138	.0013040	-.000074
Stddev	.0039942	.0100162	.0010545	.0272958	.0000541	.000386
%RSD	69.06925	43.86584	10.07519	192.0370	4.147838	523.7456

#1	.0103254	.0204586	.0116003	-.014944	.0012667	.000245
#2	.0042023	.0338238	.0095152	.039158	.0013660	.000036
#3	.0028208	.0142185	.0102835	.018427	.0012793	-.000502

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093499	.0052549	.0035380	-.114098	.0018896	.0012644
Stddev	.3543966	.0034681	.0012776	.111654	.0016072	.0010662
%RSD	3790.358	65.99710	36.11068	97.85764	85.05943	84.32319

#1	.4160781	.0086423	.0021187	-.097582	.0000778	.0004324
#2	-.233080	.0017114	.0045962	-.011622	.0031437	.0008945
#3	-.154949	.0054110	.0038991	-.233091	.0024472	.0024663

Sample Name: CR 50PPM Acquired: 11/25/2019 17:02:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1026) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024172	.0030756	-.003481	-.003677	-.001026	-.005043
Stddev	.0000275	.0032128	.000419	.000580	.000839	.000487
%RSD	1.136493	104.4623	12.02815	15.76685	81.80125	9.646668

#1	.0024438	.0015560	-.003359	-.003640	-.000107	-.005558
#2	.0024189	.0067663	-.003137	-.003116	-.001218	-.004591
#3	.0023889	.0009044	-.003947	-.004274	-.001752	-.004981

Elem	Sr4077
Units	ppm
Avg	.0003642
Stddev	.0000760
%RSD	20.85915

#1	.0002888
#2	.0003633
#3	.0004407

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1923.343	3203.318	53032.92	9025.473	4281.090
Stddev	7.532	1.536	274.67	53.793	5.851
%RSD	.3916318	.0479450	.5179159	.5960142	.1366795

#1	1914.834	3204.949	52724.91	8974.260	4286.389
#2	1926.037	3203.106	53121.45	9020.640	4274.810
#3	1929.158	3201.900	53252.41	9081.520	4282.072

Sample Name: CO 50PPM Acquired: 11/25/2019 17:11:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1026) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000617	-.005388	-.003104	.0011824	-.002906	-.009116
Stddev	.001243	.002353	.001024	.0040650	.001106	.012782
%RSD	201.3972	43.67163	32.98284	343.7992	38.03891	140.2117

#1	-.000211	-.007644	-.002589	-.001260	-.003660	.000533
#2	-.002012	-.005570	-.002440	.005875	-.001637	-.023613
#3	.000372	-.002949	-.004283	-.001068	-.003421	-.004268

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002972	.0001103	-.000103	.0138926	.0000860	F 48.25361
Stddev	.0003851	.0000450	.000020	.0113891	.0003188	.08001
%RSD	129.5627	40.81387	19.41447	81.97970	370.6120	.1658195

#1	-.000146	.0001310	-.000093	.0217107	-.000264	48.19146
#2	.000492	.0000587	-.000126	.0008255	.000162	48.22548
#3	.000546	.0001412	-.000090	.0191415	.000360	48.34389

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012922	-.001760	.0001069	-.001717	.0001678	-.000090
Stddev	.0007047	.001941	.0002235	.016628	.0002691	.000157
%RSD	54.53828	110.2842	209.1152	968.5210	160.3795	174.1126

#1	.0020246	-.000205	.0002150	-.003051	.0003410	-.000009
#2	.0012329	-.001140	-.000150	.015538	.0003047	.000009
#3	.0006189	-.003936	.000256	-.017637	-.000142	-.000271

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.047194	.0070243	.0009600	-.046140	.0015456	-.003221
Stddev	.336159	.0016749	.0007564	.097042	.0020995	.002035
%RSD	712.2991	23.84439	78.79367	210.3200	135.8402	63.19163

#1	-.313060	.0068747	.0001327	.048925	.0038486	-.001346
#2	.330667	.0054291	.0016163	-.145044	.0010497	-.002932
#3	-.159188	.0087689	.0011311	-.042301	-.000262	-.005386

Sample Name: CO 50PPM Acquired: 11/25/2019 17:11:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1026) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000645	.0004385	-.000808	-.001303	-.007728	-.000896
Stddev	.000311	.0041917	.000442	.001540	.001691	.001340
%RSD	48.17271	955.9747	54.68349	118.1984	21.87984	149.5713

#1	-.000973	.0052318	-.001254	.000475	-.005784	-.002444
#2	-.000608	-.001377	-.000801	-.002190	-.008857	-.000128
#3	-.000355	-.002540	-.000370	-.002194	-.008543	-.000116

Elem	Sr4077
Units	ppm
Avg	-.000032
Stddev	.000086
%RSD	267.3610

#1	-.000131
#2	.000024
#3	.000010

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2203.971	3613.585	52059.11	8995.757	4292.600
Stddev	3.066	13.781	184.81	57.128	12.065
%RSD	.1391279	.3813776	.3550065	.6350572	.2810714

#1	2203.984	3626.586	52254.45	8941.650	4303.988
#2	2200.899	3615.032	52035.87	8990.130	4293.857
#3	2207.032	3599.138	51887.03	9055.490	4279.956

Sample Name: V 50PPM Acquired: 11/25/2019 17:07:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1026) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000509	-.013157	-.005198	.0076066	-.003627	.0017546
Stddev	.002454	.003055	.000772	.0027992	.001959	.0024832
%RSD	482.4186	23.22237	14.85001	36.79951	54.02653	141.5287

#1	-.001782	-.016665	-.004310	.0071486	-.005888	-.000898
#2	.002320	-.011728	-.005573	.0106065	-.002555	.002138
#3	-.002064	-.011079	-.005710	.0050647	-.002436	.004024

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003030	-.000063	.0000703	.0290477	.0054480	.0003057
Stddev	.0005332	.000018	.0000348	.0024109	.0002684	.0000389
%RSD	175.9532	29.21316	49.51856	8.299804	4.926090	12.71805

#1	.0008269	-.000078	.0001060	.0315105	.0051591	.0003187
#2	-.000239	-.000069	.0000364	.0266922	.0054954	.0003365
#3	.000321	-.000043	.0000685	.0289403	.0056895	.0002621

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008245	.0075253	.0004897	-.004446	-.000073	-.006992
Stddev	.0041634	.0126944	.0001861	.020181	.000523	.000997
%RSD	504.9968	168.6906	37.99888	453.9209	720.2241	14.25641

#1	.0044550	.0039637	.0006963	.013284	-.000584	-.007268
#2	-.003720	-.003008	.0003351	-.026407	.000461	-.005886
#3	.001738	.021620	.0004377	-.000215	-.000095	-.007821

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.251900	F 51.25717	.0016121	-.101347	.0024125	-.013559
Stddev	.290937	.08952	.0010102	.085699	.0004045	.000135
%RSD	115.4970	.1746561	62.66272	84.56023	16.76773	.9980952

#1	-.102438	51.15417	.0006119	-.071559	.0020030	-.013682
#2	-.587188	51.31632	.0015924	-.197965	.0028118	-.013414
#3	-.066074	51.30101	.0026319	-.034516	.0024228	-.013580

Sample Name: V 50PPM Acquired: 11/25/2019 17:07:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1026) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002602	-.001077	-.001896	-.004058	-.000566	-.002794
Stddev	.000279	.004330	.000801	.001373	.000774	.002090
%RSD	10.70886	402.0469	42.27465	33.84675	136.8192	74.82235

#1	-.002816	-.004175	-.001083	-.004309	.000328	-.005095
#2	-.002705	-.002927	-.001920	-.005288	-.000985	-.002273
#3	-.002287	.003871	-.002685	-.002576	-.001040	-.001013

Elem	Sr4077
Units	ppm
Avg	.0000805
Stddev	.0000326
%RSD	40.52883

#1	.0000620
#2	.0001182
#3	.0000614

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2244.054	3637.953	52604.90	9006.029	4271.679
Stddev	8.399	1.090	407.64	51.429	4.691
%RSD	.3742914	.0299639	.7749179	.5710515	.1098218

#1	2240.986	3638.372	52453.31	8955.550	4272.627
#2	2253.556	3636.715	53066.62	9004.180	4275.823
#3	2237.620	3638.771	52294.77	9058.358	4266.586

Sample Name: NI 50PPM Acquired: 11/25/2019 17:19:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1026) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002676	.0013821	-.000771	-.002676	-.002823	.0299797
Stddev	.001701	.0020920	.002760	.001637	.002122	.0018450
%RSD	63.55208	151.3648	358.0653	61.17480	75.16748	6.154266

#1	-.004492	-.000383	-.003385	-.000894	-.004988	.0312006
#2	-.001120	.000836	-.001041	-.004113	-.000747	.0308813
#3	-.002416	.003693	.002114	-.003021	-.002733	.0278573

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019537	-.000656	-.000128	.1197670	.0023703	.0075946
Stddev	.0003553	.000058	.000029	.0077818	.0002103	.0003246
%RSD	18.18720	8.871606	22.52481	6.497441	8.873770	4.274084

#1	.0022920	-.000693	-.000127	.1127170	.0026075	.0079661
#2	.0019855	-.000686	-.000157	.1184671	.0022062	.0074518
#3	.0015835	-.000589	-.000099	.1281169	.0022974	.0073659

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066347	.0188436	.0066374	.0279029	F 50.40326	-.000132
Stddev	.0006866	.0099433	.0001880	.0360470	.09705	.000173
%RSD	10.34908	52.76748	2.832143	129.1874	.1925544	131.8249

#1	.0063603	.0301558	.0067915	.0104614	50.37501	.000056
#2	.0061277	.0114860	.0064279	.0693533	50.32347	-.000285
#3	.0074161	.0148891	.0066928	.0038939	50.51131	-.000166

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1244802	.0013304	.0103038	-.107251	-.003855	-.008926
Stddev	.1289365	.0043862	.0034611	.075720	.000705	.000427
%RSD	103.5799	329.6958	33.59095	70.60092	18.28936	4.780834

#1	-.009769	-.003130	.0110984	-.029543	-.003262	-.009354
#2	.135861	.001483	.0065144	-.180813	-.004634	-.008500
#3	.247349	.005638	.0132985	-.111397	-.003668	-.008925

Sample Name: NI 50PPM Acquired: 11/25/2019 17:19:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1026) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002786	.0038255	-.001454	-.001713	.0003329	-.000919
Stddev	.0001504	.0046156	.000818	.000309	.0010011	.000901
%RSD	53.96705	120.6548	56.26751	18.01838	300.7186	98.10151

#1	.0002965	-.001085	-.000989	-.001878	.0014108	-.001530
#2	.0001202	.004485	-.002398	-.001904	-.000568	-.001343
#3	.0004193	.008076	-.000973	-.001357	.000156	.000116

Elem	Sr4077
Units	ppm
Avg	.0001613
Stddev	.0000707
%RSD	43.80253

#1	.0000951
#2	.0002357
#3	.0001531

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2227.882	3643.824	52375.82	8954.623	4234.643
Stddev	19.328	6.681	342.22	38.661	9.778
%RSD	.8675355	.1833596	.6533938	.4317399	.2309090

#1	2209.492	3637.360	51990.88	8919.260	4228.769
#2	2226.126	3643.407	52490.99	8995.900	4229.229
#3	2248.028	3650.703	52645.61	8948.710	4245.931

Sample Name: CU 50PPM Acquired: 11/25/2019 17:15:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1026) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000321	-.000240	.0056753	-.000607	-.000078	.0276048
Stddev	.001510	.000846	.0020212	.003522	.001783	.0032269
%RSD	469.8249	352.0089	35.61472	580.3810	2278.126	11.68956

#1	-.001150	.000676	.0076628	-.004452	-.000988	.0280815
#2	-.001236	-.000992	.0057412	.000166	-.001224	.0241660
#3	.001421	-.000405	.0036219	.002464	.001977	.0305667

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000028	-.000048	.0002272	.0286629	-.000144	.0049825
Stddev	.000288	.000047	.0000557	.0039745	.000485	.0001839
%RSD	1039.818	98.08797	24.53211	13.86647	336.8483	3.691751

#1	.000301	-.000099	.0001791	.0322387	.000039	.0047993
#2	-.000146	-.000007	.0002882	.0243836	-.000695	.0049810
#3	-.000238	-.000038	.0002142	.0293664	.000223	.0051672

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 53.23816	-.012722	.0030768	-.006241	.0045547	-.000237
Stddev	.30937	.006847	.0001943	.033060	.0000766	.000338
%RSD	.5811080	53.82243	6.315484	529.6755	1.681505	143.0161

#1	53.05796	-.013326	.0032617	-.040699	.0044734	-.000575
#2	53.06112	-.005593	.0030946	-.003241	.0046254	-.000238
#3	53.59538	-.019247	.0028743	.025216	.0045651	.000102

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2955034	-.000544	-.001116	-.049185	.0037494	-.009138
Stddev	.2191829	.004528	.001589	.038882	.0051760	.000942
%RSD	74.17272	832.7172	142.4398	79.05241	138.0500	10.31186

#1	.5437383	-.005424	-.002670	-.040652	-.002209	-.008272
#2	.1286575	.000271	.000506	-.091625	.006324	-.010142
#3	.2141144	.003521	-.001183	-.015278	.007133	-.009001

Sample Name: CU 50PPM Acquired: 11/25/2019 17:15:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1026) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000809	.0065325	-.001749	-.004049	.0011061	-.002369
Stddev	.0002057	.0022337	.000864	.000959	.0007608	.001522
%RSD	254.3235	34.19343	49.42241	23.67382	68.77777	64.24943
#1	.0003027	.0040713	-.001534	-.002974	.0011684	-.001207
#2	.0000433	.0084312	-.002700	-.004815	.0003161	-.004091
#3	-.000103	.0070949	-.001012	-.004358	.0018338	-.001807

Elem	Sr4077
Units	ppm
Avg	.0001624
Stddev	.0000163
%RSD	10.03175
#1	.0001579
#2	.0001805
#3	.0001488

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2178.055	3610.978	51802.29	8941.298	4260.083
Stddev	6.112	7.912	99.20	61.732	5.889
%RSD	.2806229	.2191126	.1914970	.6904148	.1382293
#1	2180.010	3603.944	51854.28	8870.716	4255.147
#2	2171.205	3619.544	51687.90	8985.222	4266.601
#3	2182.950	3609.445	51864.69	8967.955	4258.502

Sample Name: ZN 50PPM Acquired: 11/25/2019 17:23:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1026) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009717	-.000374	.0030979	.0018749	-.001459	.0276059
Stddev	.0054294	.000893	.0007507	.0011348	.000682	.0019991
%RSD	558.7299	238.7811	24.23278	60.52689	46.72308	7.241428

#1	-.000304	-.000314	.0037894	.0008339	-.001674	.0284602
#2	.006925	-.001296	.0022995	.0017062	-.000696	.0290359
#3	-.003706	.000487	.0032048	.0030847	-.002007	.0253217

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007380	-.000011	.0011884	.0240363	.0038854	.0000779
Stddev	.0004895	.000034	.0000328	.0027694	.0003054	.0001901
%RSD	66.33113	319.3535	2.761439	11.52186	7.860446	244.1737

#1	.0009245	.000001	.0011520	.0251532	.0041411	.0002742
#2	.0001826	-.000048	.0011974	.0208828	.0035472	.0000649
#3	.0011068	.000016	.0012157	.0260728	.0039679	-.000105

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087767	-.006549	.0038634	.0212412	.0097941	.0004827
Stddev	.0025629	.006983	.0001561	.0124577	.0000626	.0002633
%RSD	29.20097	106.6261	4.039282	58.64886	.6393983	54.54806

#1	.0058645	-.005566	.0036888	.0069510	.0097677	.0003671
#2	.0106886	-.013970	.0039123	.0269590	.0098656	.0007841
#3	.0097768	-.000109	.0039892	.0298137	.0097489	.0002970

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.149299	.0022057	F 53.40442	-.119796	-.001305	-.008105
Stddev	.180107	.0014805	.33720	.082535	.000808	.000468
%RSD	120.6351	67.12212	.6314127	68.89632	61.89505	5.775150

#1	-.032108	.0021590	53.43479	-.156488	-.000435	-.008472
#2	-.059105	.0007491	53.05306	-.025277	-.001449	-.008265
#3	-.356683	.0037091	53.72541	-.177623	-.002031	-.007578

Sample Name: ZN 50PPM Acquired: 11/25/2019 17:23:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1026) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003853	-.001084	.0025079	-.001974	.0013521	F -.020659
Stddev	.0005234	.002034	.0007847	.000913	.0005966	.000937
%RSD	135.8428	187.5376	31.28933	46.27931	44.12283	4.536985

#1	-.000211	-.001673	.0020198	-.002342	.0009912	-.020754
#2	.000769	-.002759	.0020908	-.002646	.0010244	-.021546
#3	.000598	.001179	.0034130	-.000934	.0020407	-.019678

Elem	Sr4077
Units	ppm
Avg	.0010501
Stddev	.0001022
%RSD	9.734658

#1	.0011170
#2	.0009324
#3	.0011008

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2268.438	3673.220	52960.77	9010.198	4264.004
Stddev	19.868	9.247	126.87	61.859	6.290
%RSD	.8758262	.2517450	.2395614	.6865391	.1475182

#1	2254.910	3662.895	52909.69	8949.130	4257.542
#2	2291.247	3680.740	53105.22	9008.646	4264.363
#3	2259.155	3676.023	52867.39	9072.818	4270.107

Sample Name: PB 50PPM Acquired: 11/25/2019 17:27:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1026) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022874	-.000346	F 50.69400	-.000935	-.003234	.0314774
Stddev	.0042379	.000581	.01462	.002876	.000991	.0020536
%RSD	185.2734	167.7080	.0288426	307.4419	30.63464	6.524121

#1	.0062768	.000323	50.71038	-.000613	-.002265	.0337978
#2	-.002162	-.000717	50.68227	.001765	-.003190	.0298938
#3	.002747	-.000645	50.68933	-.003959	-.004245	.0307408

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011036	.0000406	.0000716	.0057035	.0024934	.0002953
Stddev	.0002282	.0000552	.0000220	.0058603	.0003461	.0002633
%RSD	20.68142	135.8767	30.80127	102.7496	13.88096	89.14767

#1	.0012439	.0000887	.0000783	.0076442	.0028347	.0005974
#2	.0008402	-.000020	.0000895	.0103472	.0021427	.0001733
#3	.0012267	.000053	.0000469	-.000881	.0025027	.0001152

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000505	.0069467	.0004115	-.009323	.0016514	.0017696
Stddev	.002293	.0042702	.0002774	.013128	.0002976	.0002881
%RSD	453.9509	61.47148	67.41845	140.8216	18.02133	16.28194

#1	.001294	.0088218	.0007005	.002281	.0017123	.0017407
#2	-.003086	.0099586	.0003866	-.006676	.0019139	.0020710
#3	.000278	.0020597	.0001474	-.023573	.0013281	.0014969

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0509550	.0032733	.0149403	-.109810	-.000523	-.007890
Stddev	.1846562	.0017967	.0017538	.078254	.001707	.000275
%RSD	362.3906	54.89072	11.73910	71.26328	326.7205	3.488918

#1	.2464881	.0052517	.0153114	-.102948	-.000161	-.007600
#2	.0268297	.0017432	.0130306	-.191269	.000975	-.008147
#3	-.120453	.0028250	.0164789	-.035212	-.002382	-.007924

Sample Name: PB 50PPM Acquired: 11/25/2019 17:27:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1026) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015457	.0032682	-.000410	-.001968	.0011282	-.000253
Stddev	.0003268	.0016359	.000999	.000284	.0004506	.002682
%RSD	21.13973	50.05558	243.7431	14.41380	39.94158	1060.164

#1	.0014564	.0014510	-.000092	-.002064	.0013514	.002702
#2	.0012729	.0037299	.000391	-.002190	.0014236	-.000927
#3	.0019079	.0046236	-.001530	-.001648	.0006095	-.002534

Elem	Sr4077
Units	ppm
Avg	.0009688
Stddev	.0000649
%RSD	6.700282

#1	.0009708
#2	.0009029
#3	.0010327

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2231.553	3669.926	52625.43	9034.873	4266.072
Stddev	9.007	8.616	86.41	36.570	3.853
%RSD	.4036392	.2347627	.1641995	.4047679	.0903097

#1	2233.493	3667.068	52528.10	9035.590	4261.640
#2	2239.433	3679.607	52655.06	9071.080	4267.957
#3	2221.734	3663.101	52693.13	8997.950	4268.619

Sample Name: TI 50PPM Acquired: 11/25/2019 17:31:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1026) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040445	.0034067	.0042703	.0029647	.0026004	.0201173
Stddev	.0030705	.0021937	.0007415	.0018665	.0016608	.0121485
%RSD	75.91733	64.39303	17.36374	62.95712	63.86837	60.38831

#1	.0020160	.0029727	.0036088	.0047584	.0008923	.0341299
#2	.0025405	.0057849	.0050718	.0010331	.0042095	.0136797
#3	.0075770	.0014624	.0041301	.0031026	.0026995	.0125424

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006270	-.000096	-.000041	.0122066	.0013882	-.000872
Stddev	.000495	.000073	.000025	.0021742	.0005304	.000349
%RSD	7.891861	76.06652	60.77915	17.81207	38.20643	40.02013

#1	-.006841	-.000109	-.000031	.0121820	.0011192	-.000960
#2	-.005965	-.000018	-.000023	.0100447	.0010463	-.001168
#3	-.006005	-.000163	-.000070	.0143930	.0019992	-.000487

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002608	-.007723	.0000174	-.149173	-.000071	-.002418
Stddev	.006743	.001742	.0004665	.018022	.000107	.000222
%RSD	258.5353	22.55433	2681.151	12.08131	151.1546	9.174387

#1	-.002564	-.009267	.0001695	-.141116	-.000099	-.002406
#2	-.009372	-.008067	-.000506	-.169819	.000047	-.002646
#3	.004112	-.005834	.000389	-.136586	-.000161	-.002202

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0636395	-.006596	-.016051	-.169613	-.000068	-.000240
Stddev	.0572003	.001862	.006068	.053762	.002023	.001127
%RSD	89.88178	28.23366	37.80581	31.69667	2991.593	468.7826

#1	.0039423	-.006378	-.017264	-.166890	-.000963	.000334
#2	.0690124	-.004852	-.021421	-.224684	-.001488	.000483
#3	.1179639	-.008558	-.009468	-.117264	.002249	-.001538

Sample Name: TI 50PPM Acquired: 11/25/2019 17:31:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1026) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000438	.0007585	-.000101	.0050165	F 52.28985	-.000287
Stddev	.000349	.0026204	.021647	.0013044	.14586	.000423
%RSD	79.69793	345.4880	21455.23	26.00252	.2789477	147.2981
#1	-.000319	.0001226	-.024891	.0037483	52.17745	.000070
#2	-.000831	.0036383	.009525	.0049470	52.45467	-.000178
#3	-.000164	-.001485	.015063	.0063544	52.23741	-.000755

Elem	Sr4077
Units	ppm
Avg	.0001922
Stddev	.0000551
%RSD	28.64162
#1	.0001657
#2	.0001554
#3	.0002555

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2242.204	3685.876	52925.08	9113.014	4296.331
Stddev	11.973	3.980	266.14	61.799	9.520
%RSD	.5339779	.1079913	.5028600	.6781367	.2215873
#1	2229.217	3681.631	52637.98	9097.806	4293.782
#2	2252.803	3689.525	53163.56	9060.240	4306.866
#3	2244.592	3686.472	52973.69	9180.998	4288.344

Sample Name: MO 50PPM Acquired: 11/25/2019 17:35:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1026) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010451	.0077758	-.003940	.0037826	-.022611	.0241280
Stddev	.0044648	.0011033	.001151	.0014586	.001777	.0095706
%RSD	427.2197	14.18897	29.20744	38.56121	7.861060	39.66610

#1	-.000588	.0082855	-.003463	.0039276	-.021677	.0274777
#2	-.002373	.0065098	-.003104	.0022569	-.021496	.0133327
#3	.006097	.0085321	-.005252	.0051633	-.024661	.0315735

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000567	-.001032	-.001975	-.000975	-.003636	-.004285
Stddev	.000432	.000275	.000094	.001618	.000075	.000486
%RSD	76.16680	26.61608	4.778280	165.9844	2.056912	11.35158

#1	-.001066	-.000785	-.001909	-.001188	-.003596	-.003797
#2	-.000314	-.000982	-.002083	-.002475	-.003723	-.004287
#3	-.000322	-.001328	-.001932	.000739	-.003590	-.004770

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105034	.0005364	-.001470	-.007330	-.003136	.0009298
Stddev	.0008133	.0046388	.000177	.026775	.000232	.0000836
%RSD	7.742925	864.8379	12.01384	365.2934	7.406214	8.993511

#1	.0111401	-.004758	-.001640	.000223	-.003162	.0010241
#2	.0107829	.003889	-.001288	.014858	-.002892	.0009002
#3	.0095873	.002478	-.001482	-.037070	-.003354	.0008649

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.264744	-.013936	.0014409	-.117400	.0034797	-.001775
Stddev	.180011	.003245	.0033642	.099500	.0016560	.001276
%RSD	67.99441	23.28779	233.4725	84.75289	47.58996	71.86760

#1	-.140859	-.012139	-.001535	-.210165	.0022382	-.002655
#2	-.182141	-.011986	.005091	-.129723	.0053600	-.000312
#3	-.471232	-.017682	.000767	-.012313	.0028410	-.002359

Sample Name: MO 50PPM Acquired: 11/25/2019 17:35:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1026) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 46.74479	-.006812	.0376966	-.000973	.0090371	-.003976
Stddev	.05949	.000739	.0075337	.000468	.0005463	.000817
%RSD	.1272676	10.84857	19.98503	48.13133	6.044966	20.55095
#1	46.68443	-.007523	.0351467	-.000437	.0084411	-.004114
#2	46.80338	-.006048	.0317688	-.001304	.0091559	-.003099
#3	46.74657	-.006866	.0461743	-.001178	.0095141	-.004716

Elem	Sr4077
Units	ppm
Avg	.0000797
Stddev	.0001447
%RSD	181.4828
#1	-.000067
#2	.000084
#3	.000222

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2235.174	3641.581	53179.46	9100.012	4045.567
Stddev	18.326	9.825	114.97	83.785	11.044
%RSD	.8198756	.2698094	.2161844	.9207154	.2729813
#1	2214.156	3652.879	53064.62	9151.750	4057.568
#2	2247.807	3636.825	53179.21	9144.940	4043.303
#3	2243.559	3635.039	53294.55	9003.345	4035.832

Sample Name: CCV072 Acquired: 11/25/2019 17:58:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1026) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV072 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.932311	4.931774	24.75341	4.875982	4.917999	404.6794	10.33522
Stddev	.008830	.008779	.04872	.014990	.018065	.7265	.02866
%RSD	.1790134	.1780071	.1968200	.3074278	.3673161	.1795311	.2773059

#1	4.924625	4.927814	24.74078	4.893290	4.933444	405.2102	10.36618
#2	4.941956	4.925673	24.71224	4.867147	4.898135	403.8514	10.30961
#3	4.930353	4.941835	24.80720	4.867510	4.922418	404.9765	10.32987

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5131433	2.521169	420.9340	15.35710	2.506976	15.81100	413.4509
Stddev	.0027456	.004090	.8666	.03710	.005556	.02375	.2507
%RSD	.5350557	.1622319	.2058688	.2415654	.2216116	.1502043	.0606451

#1	.5106366	2.521389	421.9058	15.39762	2.509185	15.78768	413.2232
#2	.5160776	2.516973	420.6544	15.34889	2.500656	15.81016	413.4100
#3	.5127158	2.525145	420.2417	15.32481	2.511089	15.83516	413.7196

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.51010	409.8149	2.510560	1.309574	401.8561	2.552078	16.07636
Stddev	.01061	.4128	.003861	.001509	.4732	.010430	.06600
%RSD	.0684392	.1007296	.1537880	.1152232	.1177500	.4086769	.4105317

#1	15.50998	410.0011	2.512785	1.309540	402.2890	2.564007	16.02542
#2	15.52077	409.3418	2.506102	1.311100	401.3510	2.547547	16.15092
#3	15.49955	410.1018	2.512793	1.308083	401.9285	2.544680	16.05273

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	158.4200	5.171532	5.224236	4.706388	5.062845	5.106594	4.898594
Stddev	.6094	.010971	.027879	.019516	.010997	.035917	.008909
%RSD	.3846654	.2121488	.5336399	.4146749	.2172050	.7033397	.1818623

#1	157.7641	5.182207	5.192051	4.727074	5.068338	5.067569	4.907693
#2	158.5273	5.160287	5.240895	4.688302	5.070012	5.138265	4.889889
#3	158.9686	5.172103	5.239762	4.703787	5.050183	5.113948	4.898201

Sample Name: CCV072 Acquired: 11/25/2019 17:58:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1026) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV072 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.031506	5.108870	5.058784
Stddev	.021911	.011051	.058337
%RSD	.4354753	.2163029	1.153189

#1	5.033544	5.120671	5.066150
#2	5.052327	5.098765	5.113088
#3	5.008647	5.107173	4.997113

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1854.642	3199.212	46419.73	8707.801	3382.501
Stddev	7.903	13.547	89.25	38.823	12.143
%RSD	.4261109	.4234591	.1922691	.4458472	.3590032

#1	1861.840	3194.409	46385.96	8740.655	3383.175
#2	1846.185	3214.507	46352.30	8664.960	3394.293
#3	1855.902	3188.721	46520.94	8717.789	3370.035

Sample Name: CCB072 Acquired: 11/25/2019 18:02:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1026) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB072 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035546	.0006319	.0062804	.0015211	-.001042	.0943620	.0007518
Stddev	.0033804	.0014354	.0016811	.0048054	.000322	.0085657	.0002488
%RSD	95.09978	227.1477	26.76804	315.9223	30.88325	9.077507	33.09002

#1	.0017905	.0016623	.0078253	-.001012	-.000675	.1040346	.0007782
#2	.0074521	-.001008	.0065259	-.001488	-.001175	.0877365	.0004909
#3	.0014211	.001241	.0044900	.007063	-.001275	.0913148	.0009862

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000137	.0005380	.0724050	.0031740	.0004492	.0017359	.0840496
Stddev	.0000551	.0000938	.0057412	.0004019	.0000286	.0017409	.0085339
%RSD	401.4910	17.43328	7.929236	12.66309	6.358571	100.2870	10.15338

#1	.0000632	.0004341	.0689840	.0035531	.0004213	.0023183	.0794360
#2	.0000236	.0005638	.0790332	.0027526	.0004784	-.000222	.0938971
#3	-.000046	.0006163	.0691978	.0032164	.0004478	.003111	.0788156

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031183	.0705400	.0007889	.0002434	-.275706	.0025960	.0052026
Stddev	.0007177	.0159565	.0002383	.0002244	.175879	.0039191	.0065269
%RSD	23.01667	22.62044	30.21450	92.15894	63.79246	150.9711	125.4535

#1	.0034008	.0572599	.0006460	.0002537	-.454668	.0070780	.0082870
#2	.0036518	.0882407	.0010640	.0004625	-.103080	-.000186	-.002295
#3	.0023023	.0661194	.0006565	.0000142	-.269369	.000896	.009616

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1262080	-.000102	.0093525	.0010406	-.000237	.0030433	.0001604
Stddev	.0383689	.001088	.0002654	.0002484	.002245	.0012182	.0016240
%RSD	30.40131	1069.010	2.837312	23.86639	948.2583	40.02732	1012.387

#1	.1655667	.000864	.0094272	.0011222	-.001110	.0042287	.0018393
#2	.0889121	.000111	.0095725	.0012380	-.001913	.0017948	.0000444
#3	.1241453	-.001280	.0090578	.0007617	.002313	.0031064	-.001402

Sample Name: CCB072 Acquired: 11/25/2019 18:02:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1026) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB072 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011748	-.004058	.0009243
Stddev	.0007107	.001502	.0000818
%RSD	60.49403	37.00673	8.854655

#1	.0015219	-.002348	.0009792
#2	.0003572	-.004664	.0008302
#3	.0016451	-.005162	.0009634

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2108.657	3644.693	50155.39	8845.799	4238.162
Stddev	12.361	3.532	136.20	21.281	5.133
%RSD	.5861796	.0969107	.2715572	.2405792	.1211036

#1	2095.599	3644.537	50110.97	8869.692	4241.428
#2	2110.198	3648.300	50046.94	8828.880	4240.811
#3	2120.175	3641.241	50308.25	8838.825	4232.246