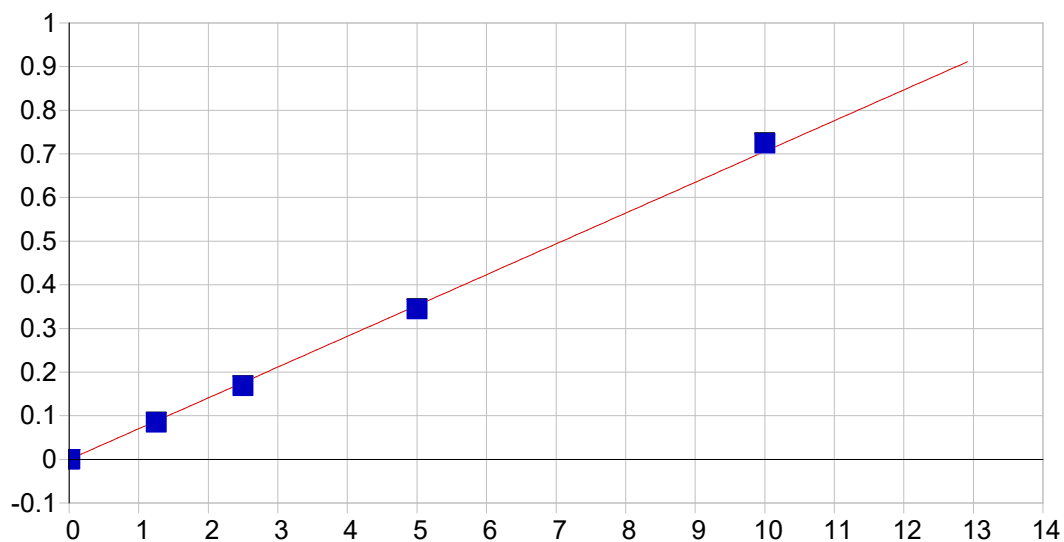


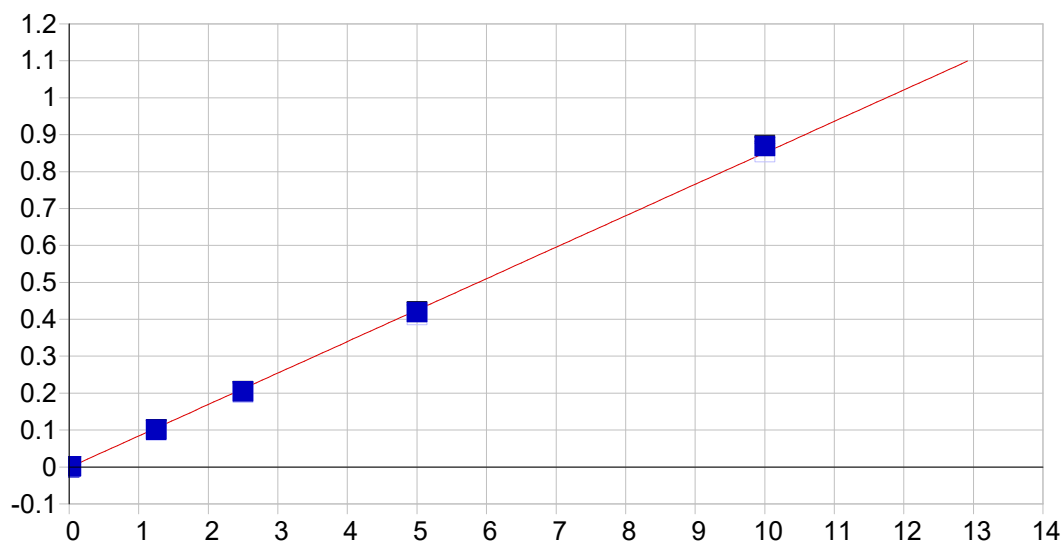


As 189.042 {479}

Date of Fit: 08/16/2019 15:36:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000344 Re-Slope: 1.000000
 A1 (Gain): 0.070584 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999559 Status: OK.
 Std Error of Est: 0.000035
 Predicted MDL: 0.002844
 Predicted MQL: 0.009480

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00034	.000	1
S1	.01000	.01148	.001	14.8	.00046	.000	1
S2	1.2500	1.2042	-.046	-3.66	.08434	.001	1
S3	2.5000	2.3889	-.111	-4.44	.16764	.001	1
S4	5.0000	4.8884	-.112	-2.23	.34344	.001	1
S5	10.000	10.267	.267	2.67	.72183	.001	1

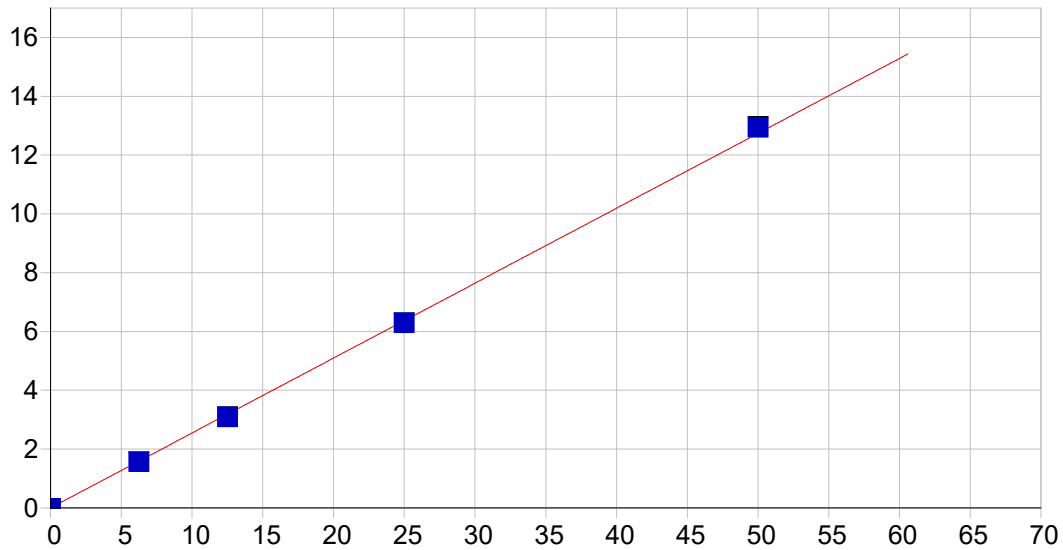


TI 190.856 {477}

Date of Fit: 08/16/2019 15:36:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001135 Re-Slope: 1.000000
 A1 (Gain): 0.085198 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999706 Status: OK.
 Std Error of Est: 0.000054
 Predicted MDL: 0.002711
 Predicted MQL: 0.009036

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00113	.000	1
S1	.02500	.02597	.001	3.89	.00099	.000	1
S2	1.2500	1.1956	-.054	-4.36	.09876	.000	1
S3	2.5000	2.4125	-.088	-3.50	.20048	.001	1
S4	5.0000	4.9337	-.066	-1.33	.41135	.002	1
S5	10.000	10.207	.207	2.07	.85280	.003	1

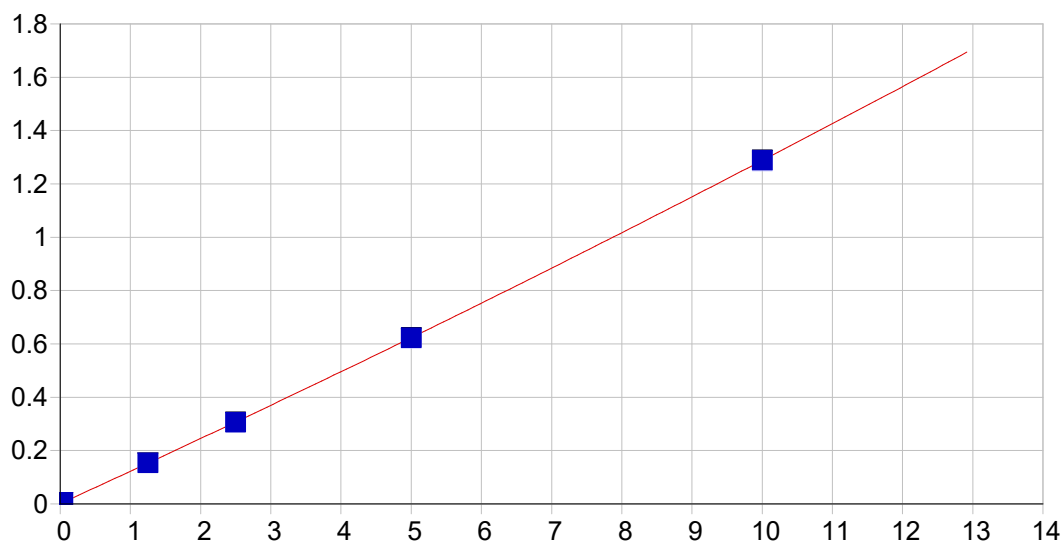


Pb 220.353 {453}

Date of Fit: 08/16/2019 15:36:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000716	Re-Slope:	1.000000
A1 (Gain):	0.254776	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999843	Status:	OK.
Std Error of Est:	0.000169		
Predicted MDL:	0.002060		
Predicted MQL:	0.006867		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00072	.001	1
S1	.01000	.01070	.001	7.03	.00344	.000	1
S2	6.2500	6.1395	-.111	-1.77	1.5652	.005	1
S3	12.500	12.140	-.360	-2.88	3.0943	.005	1
S4	25.000	24.671	-.329	-1.31	6.2876	.012	1
S5	50.000	50.799	.799	1.60	12.946	.025	1

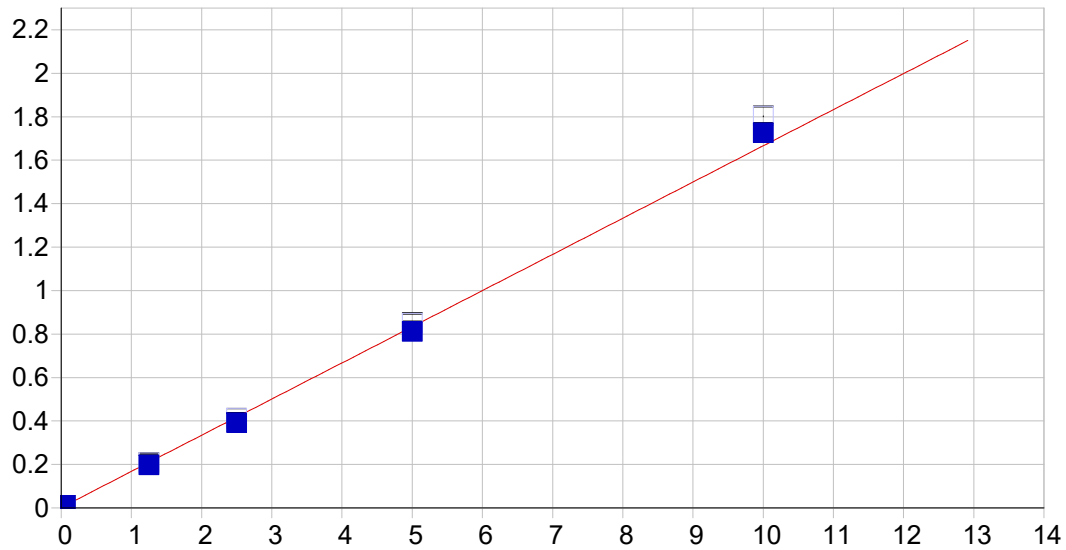


Se 196.090 {472}

Date of Fit: 08/16/2019 15:36:15 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	0.001323	Re-Slope:	1.000000
A1 (Gain):	0.120240	Y-int:	0.000000
A2 (Curvature):	0.000839		
n (Exponent):	1.000000		
Correlation:	0.999995	Status:	Warning Positive Curvature
Std Error of Est:	0.000014		
Predicted MDL:	0.002210		
Predicted MQL:	0.007368		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00132	.000	1
S1	.03500	.03656	.002	4.47	.00572	.000	1
S2	1.2500	1.2601	.010	.804	.15377	.001	1
S3	2.5000	2.4934	-.007	-.266	.30555	.001	1
S4	5.0000	4.9900	-.010	-.200	.62062	.001	1
S5	10.000	10.005	.005	.051	1.2851	.002	1

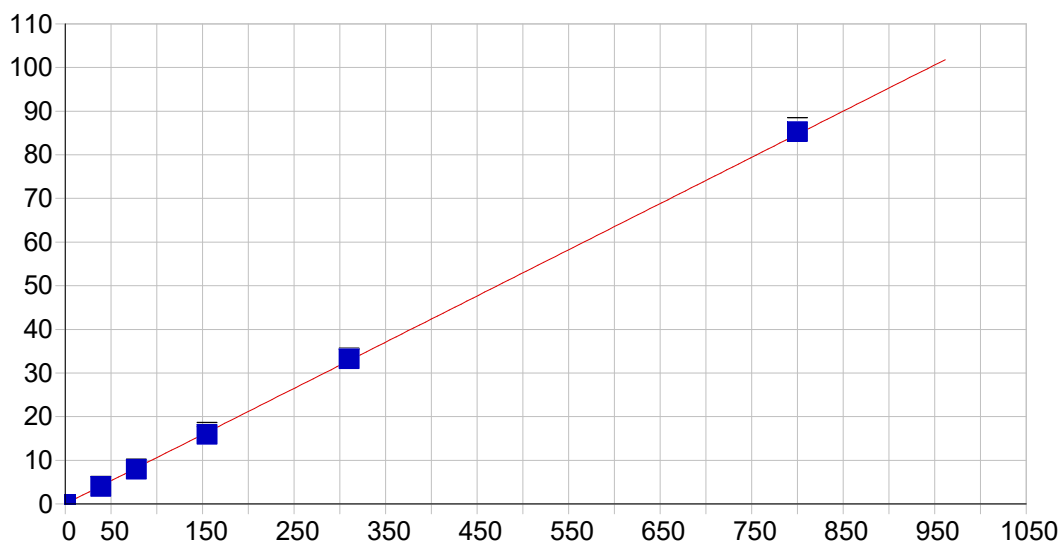


Sb 206.833 {463}

Date of Fit: 08/16/2019 15:36:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001420	Re-Slope:	1.000000
A1 (Gain):	0.166442	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999283	Status:	OK.
Std Error of Est:	0.000271		
Predicted MDL:	0.001828		
Predicted MQL:	0.006094		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00142	.000	1
S1	.06000	.06159	.002	2.64	.01168	.000	1
S2	1.2500	1.1787	-.071	-5.70	.20719	.001	1
S3	2.5000	2.3491	-.151	-6.04	.41157	.000	1
S4	5.0000	4.8648	-.135	-2.70	.84945	.003	1
S5	10.000	10.356	.356	3.56	1.8017	.002	1

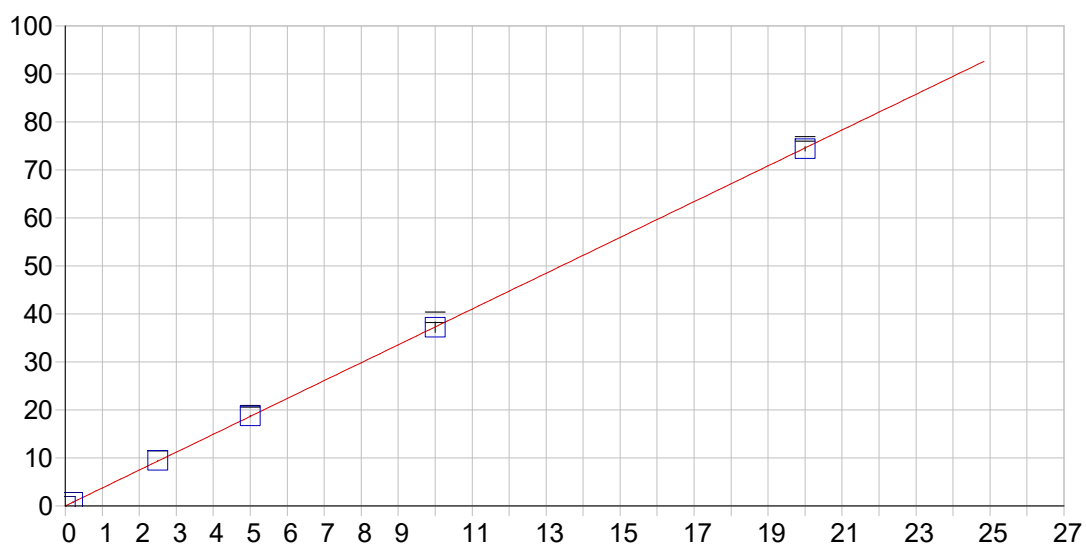


AI 396.152 { 85}

Date of Fit: 08/16/2019 15:36:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.007875	Re-Slope:	1.000000
A1 (Gain):	0.105881	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999864	Status:	OK.
Std Error of Est:	0.001088		
Predicted MDL:	0.010638		
Predicted MQL:	0.035461		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00788	.001	1
S1	.20000	.20750	.008	3.75	.03021	.001	1
S2	38.750	37.562	-1.19	-3.07	3.9932	.019	1
S3	77.500	74.751	-2.75	-3.55	7.9390	.032	1
S4	155.00	149.94	-5.06	-3.26	15.917	.484	1
S5	310.00	313.61	3.61	1.16	33.279	.138	1
S6	800.00	805.38	5.38	.673	85.336	.939	1

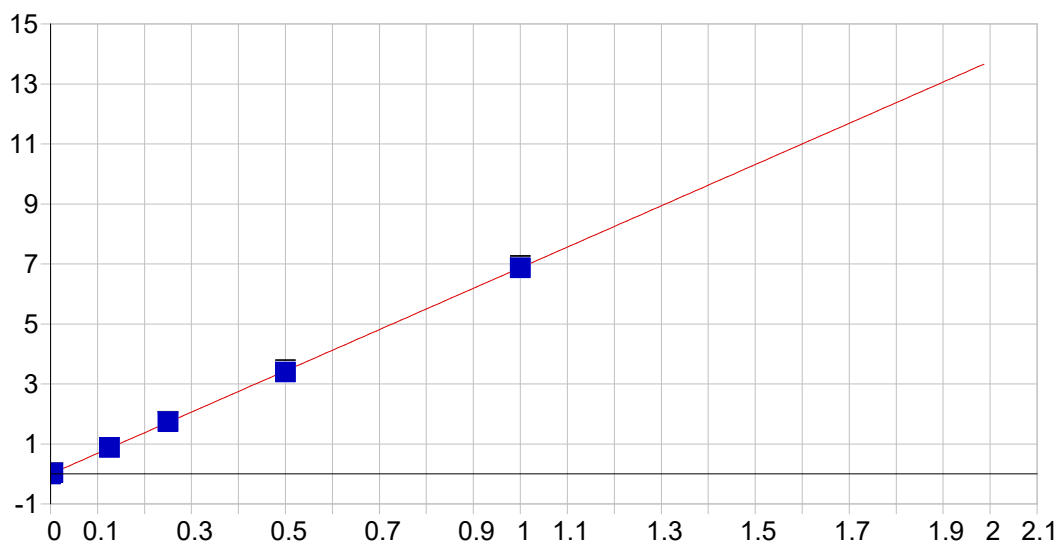


Ba 493.409 { 68}

Date of Fit: 08/16/2019 15:36:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004256 Re-Slope: 1.000000
 A1 (Gain): 3.728595 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999966 Status: OK.
 Std Error of Est: 0.003268
 Predicted MDL: 0.000623
 Predicted MQL: 0.002078

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00417	.000	1
S1	.20000	.21945	.019	9.73	.82251	.003	1
S2	2.5000	2.5338	.034	1.35	9.4517	.042	1
S3	5.0000	5.0162	.016	.324	18.708	.162	1
S4	10.000	9.9780	-.022	-.220	37.208	1.09	1
S5	20.000	19.953	-.047	-.237	74.399	.435	1

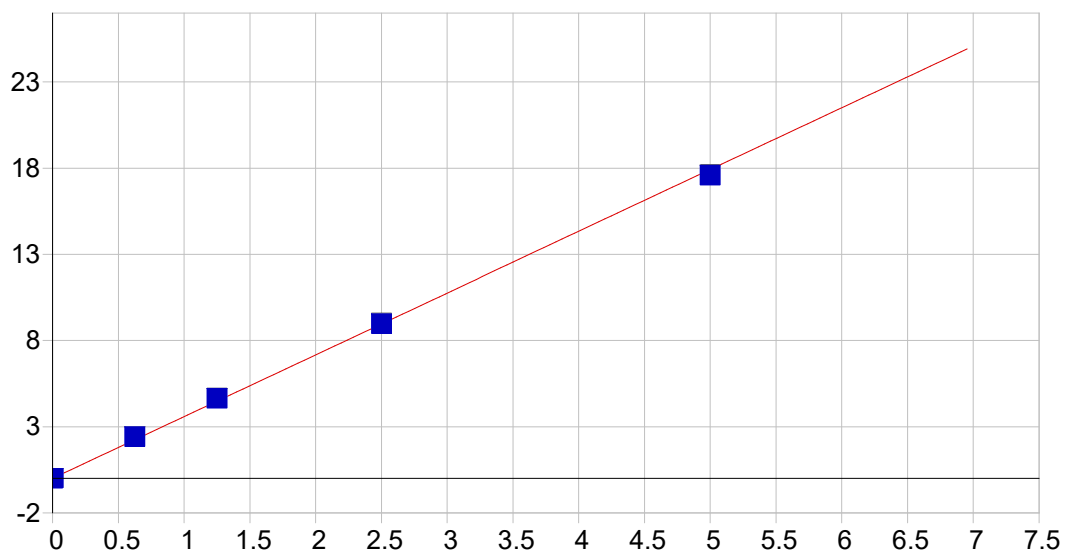


Be 234.861 {144}

Date of Fit: 08/16/2019 15:36:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.003257	Re-Slope:	1.000000
A1 (Gain):	6.876423	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999941	Status:	OK.
Std Error of Est:	0.000279		
Predicted MDL:	0.000071		
Predicted MQL:	0.000235		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00326	.000	1
S1	.00500	.00552	.001	10.3	.03465	.001	1
S2	.12500	.12751	.003	2.01	.87071	.001	1
S3	.25000	.25333	.003	1.33	1.7330	.012	1
S4	.50000	.49399	-.006	-1.20	3.3822	.077	1
S5	1.0000	.99965	-.000	-.035	6.8479	.076	1

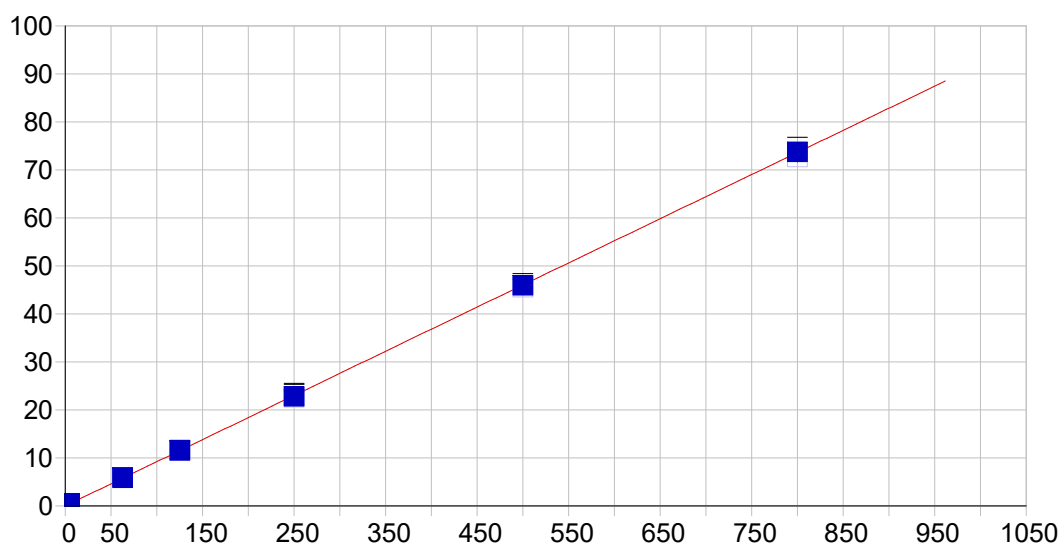


Cd 214.438 {457}

Date of Fit: 08/16/2019 15:36:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000614	Re-Slope:	1.000000
A1 (Gain):	3.585205	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999595	Status:	OK.
Std Error of Est:	0.000857		
Predicted MDL:	0.000107		
Predicted MQL:	0.000356		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00062	.000	1
S1	.00500	.00599	.001	19.7	.02086	.000	1
S2	.62500	.67542	.050	8.07	2.4243	.010	1
S3	1.2500	1.2938	.044	3.50	4.6447	.002	1
S4	2.5000	2.5004	.000	.014	8.9774	.033	1
S5	5.0000	4.9045	-.096	-1.91	17.611	.023	1

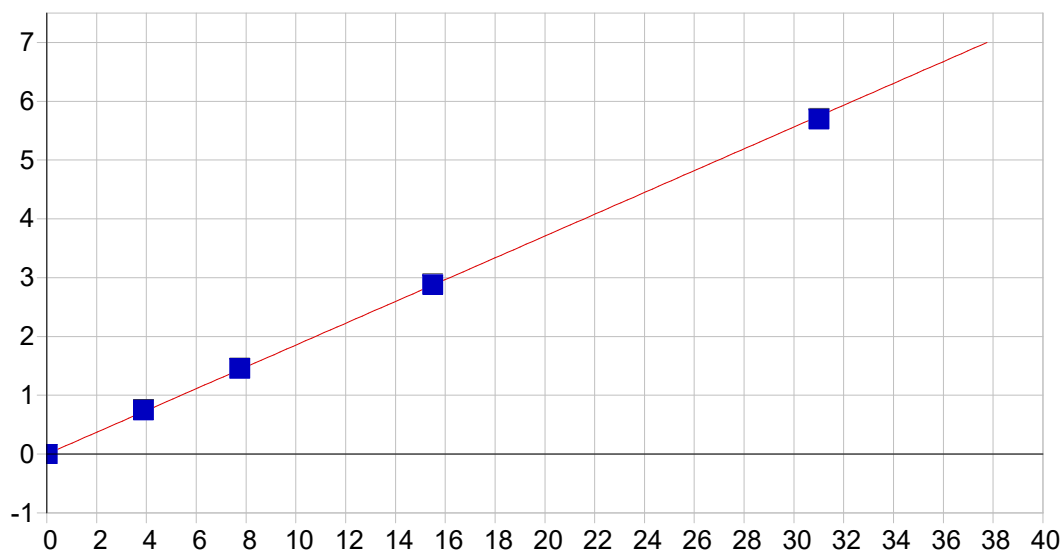


Ca 373.690 { 90}

Date of Fit: 08/16/2019 15:36:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000602 Re-Slope: 1.000000
 A1 (Gain): 0.092047 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954 Status: OK.
 Std Error of Est: 0.003030
 Predicted MDL: 0.012022
 Predicted MQL: 0.040074

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00079	-.001	.000	.00053	.000	1
S1	5.0000	5.7317	.732	14.6	.52805	.001	1
S2	62.500	63.661	1.16	1.86	5.8090	.027	1
S3	125.00	125.35	.351	.281	11.436	.084	1
S4	250.00	247.70	-2.30	-.922	22.594	.699	1
S5	500.00	498.92	-1.08	-.216	45.513	.434	1
S6	800.00	801.14	1.14	.143	72.645	.957	1

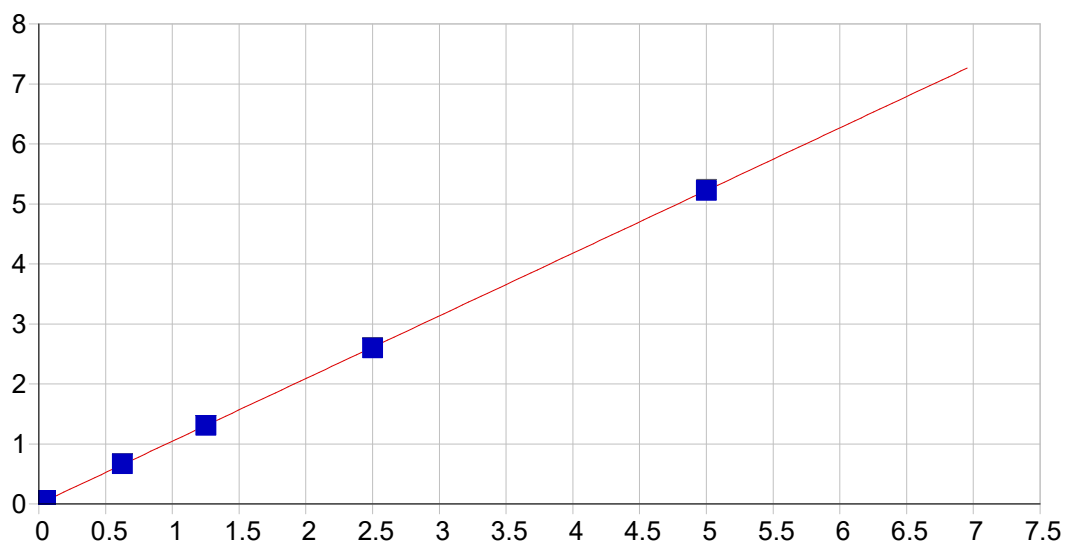


Cr 267.716 {126}

Date of Fit: 08/16/2019 15:36:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000003 Re-Slope: 1.000000
 A1 (Gain): 0.185407 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999903 Status: OK.
 Std Error of Est: 0.000076
 Predicted MDL: 0.000616
 Predicted MQL: 0.002053

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00000	.000	1
S1	.01000	.01204	.002	20.4	.00223	.000	1
S2	3.8750	4.0370	.162	4.18	.74938	.003	1
S3	7.7500	7.8474	.097	1.26	1.4568	.005	1
S4	15.500	15.533	.033	.210	2.8834	.009	1
S5	31.000	30.706	-.294	-.948	5.7003	.012	1

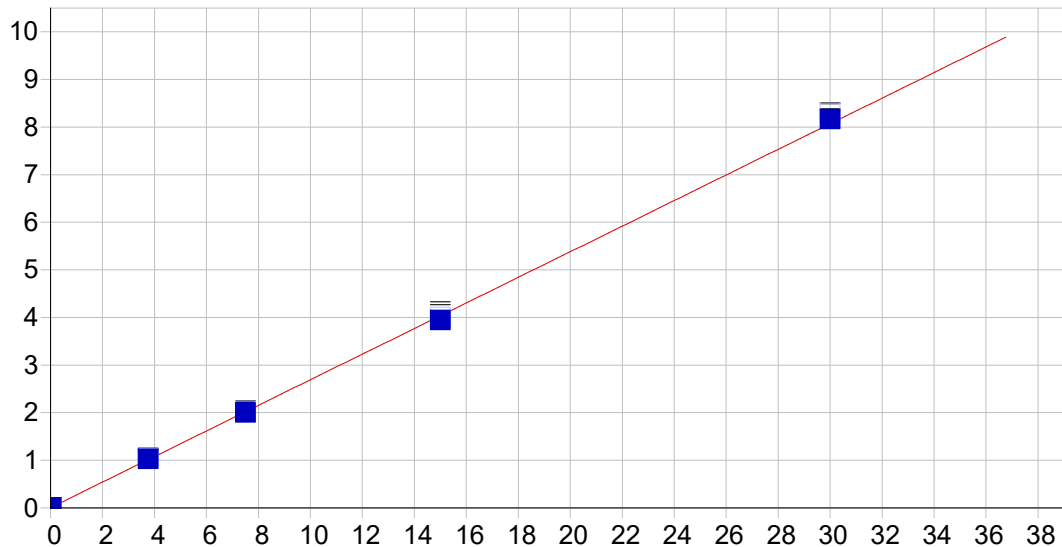


Co 228.616 {448}

Date of Fit: 08/16/2019 15:36:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000443	Re-Slope:	1.000000
A1 (Gain):	1.044426	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999966	Status:	OK.
Std Error of Est:	0.000229		
Predicted MDL:	0.000344		
Predicted MQL:	0.001147		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00044	.000	1
S1	.05000	.05351	.004	7.02	.05652	.001	1
S2	.62500	.63840	.013	2.14	.66824	.002	1
S3	1.2500	1.2481	-.002	-.148	1.3061	.000	1
S4	2.5000	2.4839	-.016	-.642	2.5989	.005	1
S5	5.0000	5.0010	.001	.020	5.2319	.010	1

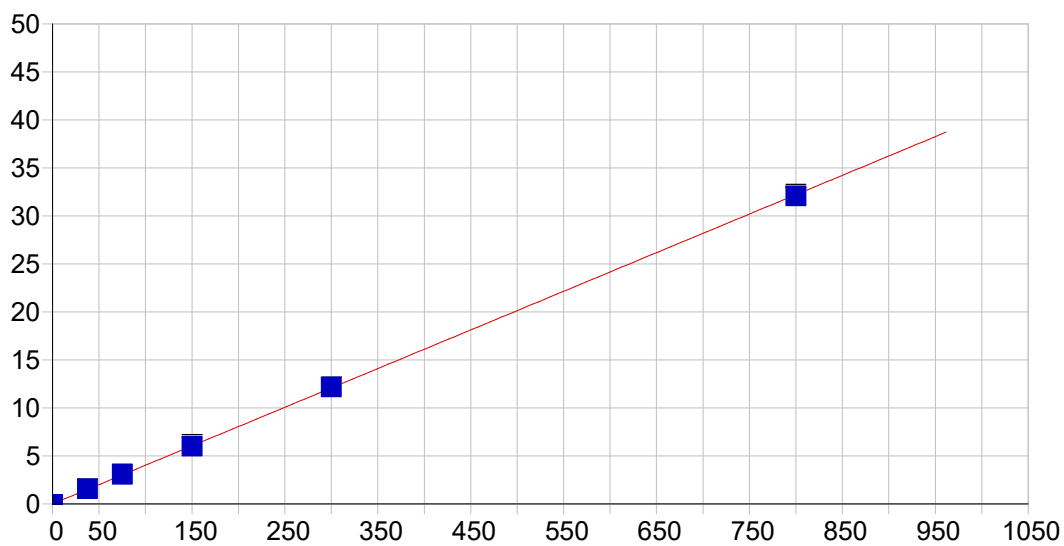


Cu 324.754 {104}

Date of Fit: 08/16/2019 15:36:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004315 Re-Slope: 1.000000
 A1 (Gain): 0.268842 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999883 Status: OK.
 Std Error of Est: 0.000192
 Predicted MDL: 0.002691
 Predicted MQL: 0.008970

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00432	.000	1
S1	.02500	.02161	-.003	-13.6	.01147	.000	1
S2	3.7500	3.8005	.050	1.35	1.0422	.007	1
S3	7.5000	7.4430	-.057	-.760	2.0376	.007	1
S4	15.000	14.657	-.343	-2.29	4.0094	.113	1
S5	30.000	30.354	.354	1.18	8.2940	.010	1

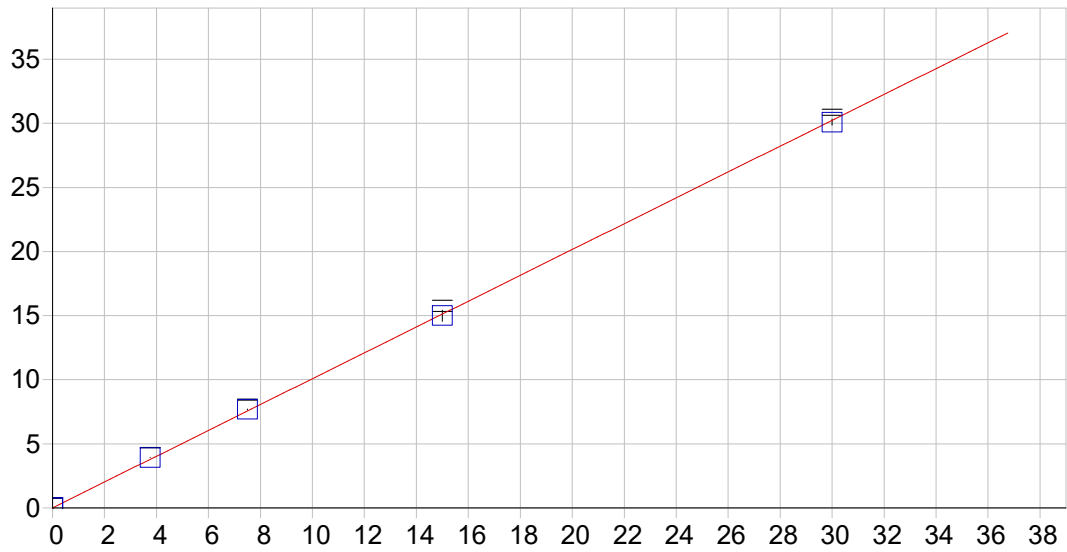


Fe 259.837 {130}

Date of Fit: 08/16/2019 15:36:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001316 Re-Slope: 1.000000
 A1 (Gain): 0.040264 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999955 Status: OK.
 Std Error of Est: 0.000167
 Predicted MDL: 0.009358
 Predicted MQL: 0.031194

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00132	.000	1
S1	.10000	.11239	.012	12.4	.00601	.000	1
S2	37.500	39.026	1.53	4.07	1.5758	.008	1
S3	75.000	76.253	1.25	1.67	3.0778	.014	1
S4	150.00	149.12	-.884	-.589	6.0178	.175	1
S5	300.00	302.06	2.06	.687	12.189	.056	1
S6	800.00	796.03	-3.97	-.497	32.093	.158	1

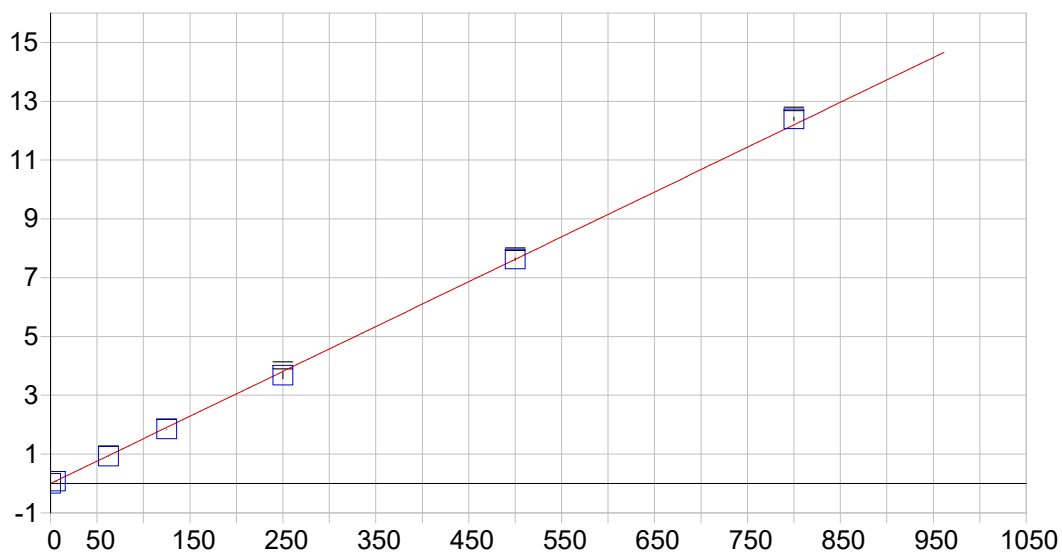


Mn 257.610 {131}

Date of Fit: 08/16/2019 15:36:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001308 Re-Slope: 1.000000
 A1 (Gain): 1.008054 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999915 Status: OK.
 Std Error of Est: 0.000468
 Predicted MDL: 0.000398
 Predicted MQL: 0.001327

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00131	.000	1
S1	.01500	.01704	.002	13.6	.01848	.000	1
S2	3.7500	3.8971	.147	3.92	3.9298	.022	1
S3	7.5000	7.6184	.118	1.58	7.6811	.046	1
S4	15.000	14.880	-.120	-.797	15.002	.434	1
S5	30.000	29.852	-.148	-.493	30.094	.231	1

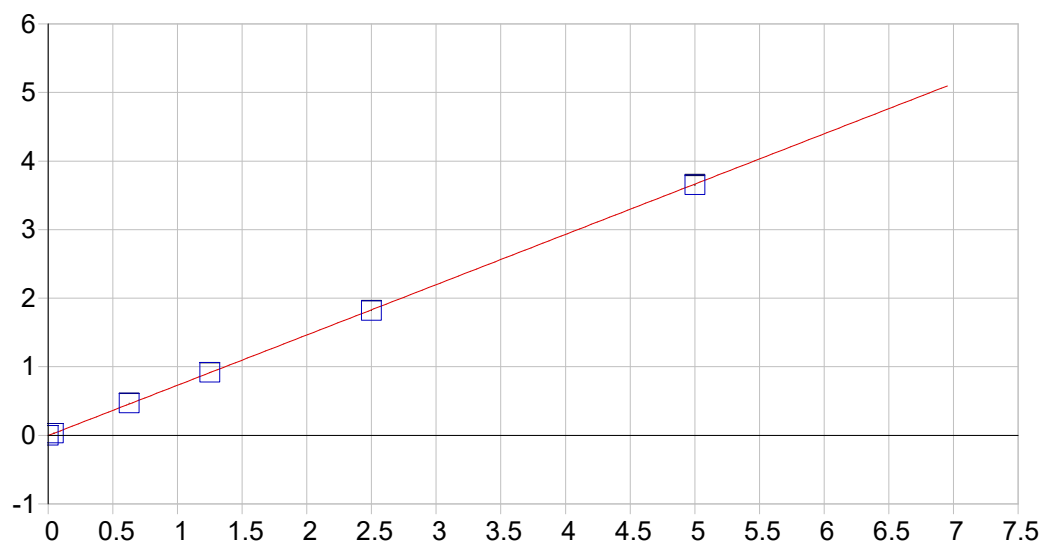


Mg 279.079 {121}

Date of Fit: 08/16/2019 15:36:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000661 Re-Slope: 1.000000
 A1 (Gain): 0.015253 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999801 Status: OK.
 Std Error of Est: 0.001061
 Predicted MDL: 0.027835
 Predicted MQL: 0.092784

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	-.00066	.000	1
S1	5.0000	5.3942	.394	7.88	.08161	.001	1
S2	62.500	61.016	-1.48	-2.37	.92998	.008	1
S3	125.00	121.19	-3.81	-3.05	1.8478	.009	1
S4	250.00	241.46	-8.54	-3.42	3.6821	.119	1
S5	500.00	500.25	.254	.051	7.6295	.042	1
S6	800.00	813.19	13.2	1.65	12.403	.063	1

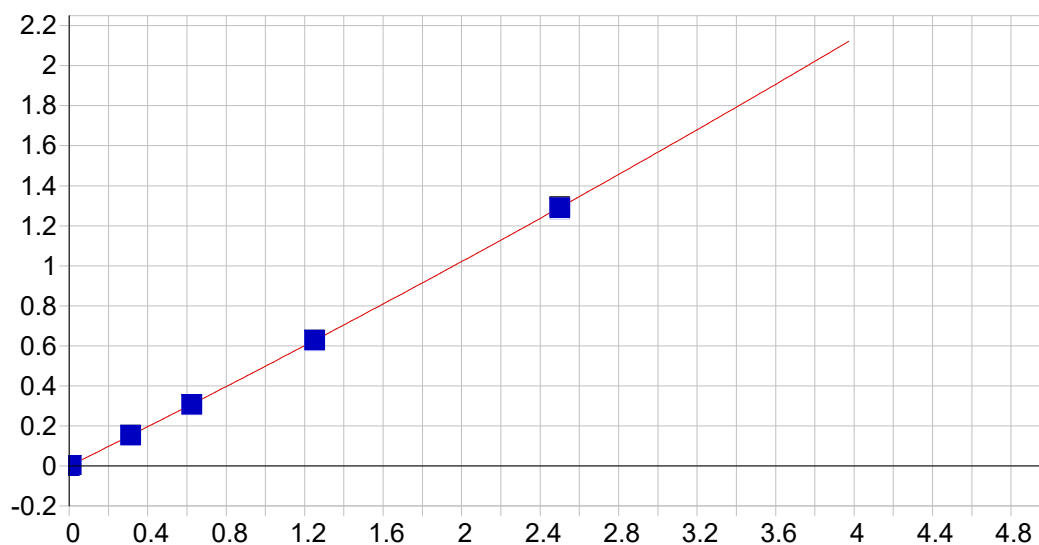


Ni 231.604 {446}

Date of Fit: 08/16/2019 15:36:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002851	Re-Slope:	1.000000
A1 (Gain):	0.733247	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999911	Status:	OK.
Std Error of Est:	0.000232		
Predicted MDL:	0.000567		
Predicted MQL:	0.001891		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00286	.000	1
S1	.04000	.04615	.006	15.4	.03099	.000	1
S2	.62500	.64433	.019	3.09	.46960	.002	1
S3	1.2500	1.2534	.003	.274	.91622	.002	1
S4	2.5000	2.4872	-.013	-.511	1.8209	.002	1
S5	5.0000	4.9839	-.016	-.323	3.6516	.010	1

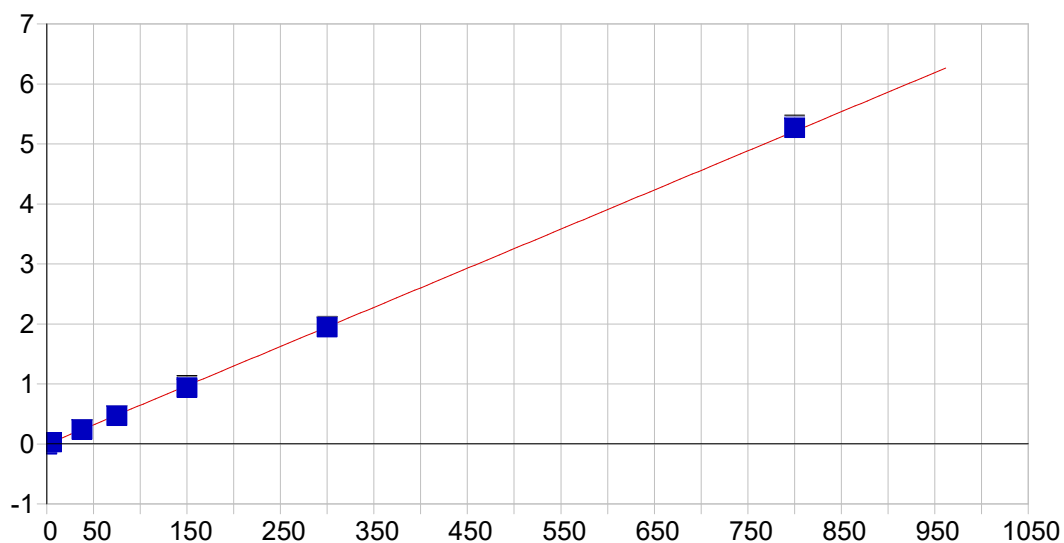


Ag 328.068 {103}

Date of Fit: 08/16/2019 15:36:15 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	-0.000897	Re-Slope:	1.000000
A1 (Gain):	0.487290	Y-int:	0.000000
A2 (Curvature):	0.011848		
n (Exponent):	1.000000		
Correlation:	0.999991	Status:	Warning Positive Curvature
Std Error of Est:	0.000021		
Predicted MDL:	0.000455		
Predicted MQL:	0.001516		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00090	.000	1
S1	.01000	.01073	.001	7.26	.00429	.000	1
S2	.31250	.31354	.001	.334	.15175	.001	1
S3	.62500	.62092	-.004	-.652	.30363	.001	1
S4	1.2500	1.2528	.003	.226	.62298	.001	1
S5	2.5000	2.4995	-.001	-.021	1.2807	.004	1

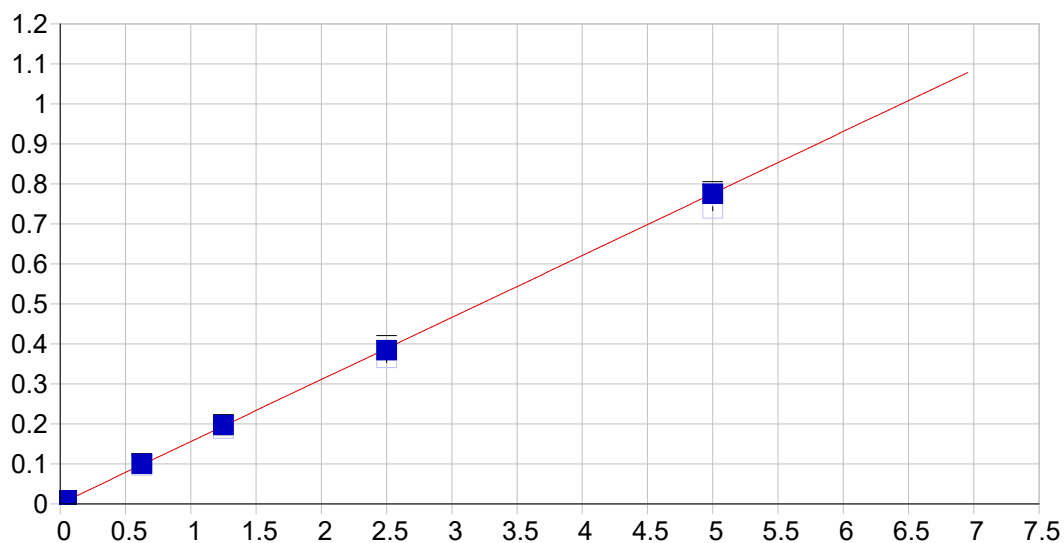


Na 818.326 { 41}

Date of Fit: 08/16/2019 15:36:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006708 Re-Slope: 1.000000
 A1 (Gain): 0.006521 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999850 Status: OK.
 Std Error of Est: 0.000351
 Predicted MDL: 0.291197
 Predicted MQL: 0.970657

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00024	-.000	.000	-.00671	.001	1
S1	5.0000	5.5898	.590	11.8	.02975	.002	1
S2	37.500	37.046	-.454	-1.21	.23596	.001	1
S3	75.000	72.857	-2.14	-2.86	.47057	.002	1
S4	150.00	144.70	-5.30	-3.53	.94123	.031	1
S5	300.00	298.95	-1.05	-.351	1.9514	.010	1
S6	800.00	808.36	8.36	1.05	5.2879	.029	1

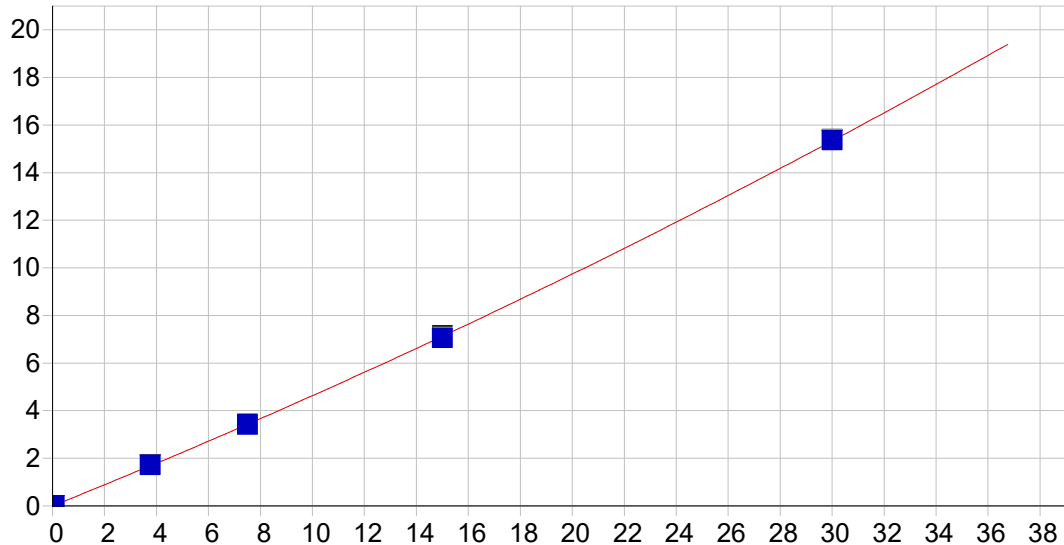


V 292.402 {115}

Date of Fit: 08/16/2019 15:36:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000931	Re-Slope:	1.000000
A1 (Gain):	0.155004	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999929	Status:	OK.
Std Error of Est:	0.000047		
Predicted MDL:	0.003166		
Predicted MQL:	0.010553		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00093	.000	1
S1	.05000	.05380	.004	7.59	.00926	.000	1
S2	.62500	.64074	.016	2.52	.09560	.001	1
S3	1.2500	1.2643	.014	1.15	.18762	.002	1
S4	2.5000	2.4698	-.030	-1.21	.36519	.012	1
S5	5.0000	4.9961	-.004	-.078	.73820	.005	1

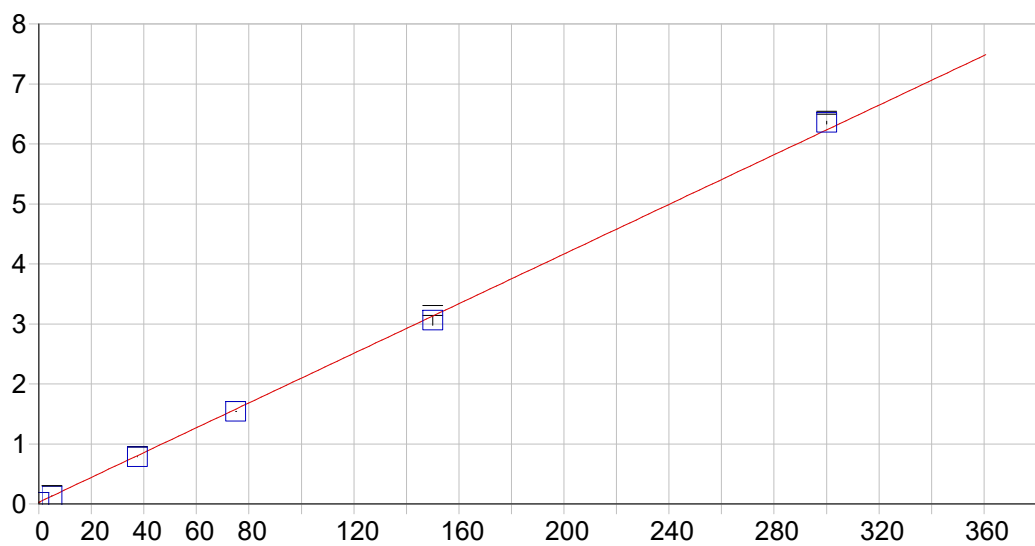


Zn 213.856 {158}

Date of Fit: 08/16/2019 15:36:15 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000855 Re-Slope: 1.000000
 A1 (Gain): 0.438718 Y-int: 0.000000
 A2 (Curvature): 0.002416
 n (Exponent): 1.000000
 Correlation: 0.999964 Status: Warning Positive Curvature
 Std Error of Est: 0.000340
 Predicted MDL: 0.001743
 Predicted MQL: 0.005809

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00085	.000	1
S1	.06000	.06640	.006	10.7	.03007	.001	1
S2	3.7500	3.8448	.095	2.53	1.7260	.011	1
S3	7.5000	7.4783	-.022	-.290	3.4222	.014	1
S4	15.000	14.871	-.129	-.860	7.0702	.078	1
S5	30.000	30.052	.052	.172	15.389	.025	1

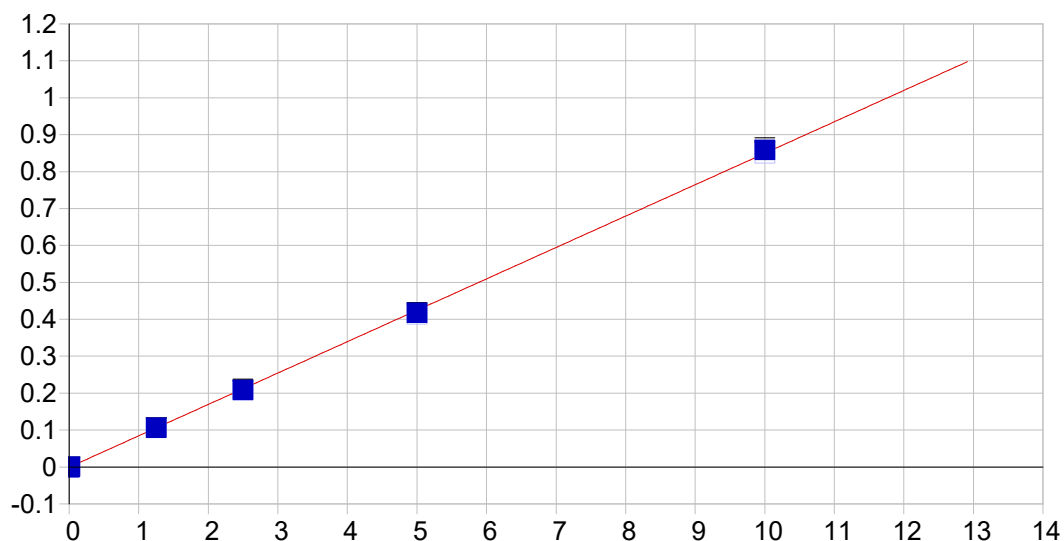


K 769.896 { 44}

Date of Fit: 08/16/2019 15:36:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.028121 Re-Slope: 1.000000
 A1 (Gain): 0.020683 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999760 Status: OK.
 Std Error of Est: 0.000934
 Predicted MDL: 0.086359
 Predicted MQL: 0.287865

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.02812	.000	1
S1	5.0000	5.2126	.213	4.25	.13593	.001	1
S2	37.500	36.654	-.846	-2.26	.78622	.002	1
S3	75.000	73.129	-1.87	-2.50	1.5406	.001	1
S4	150.00	146.55	-3.45	-2.30	3.0592	.083	1
S5	300.00	305.95	5.95	1.98	6.3560	.023	1

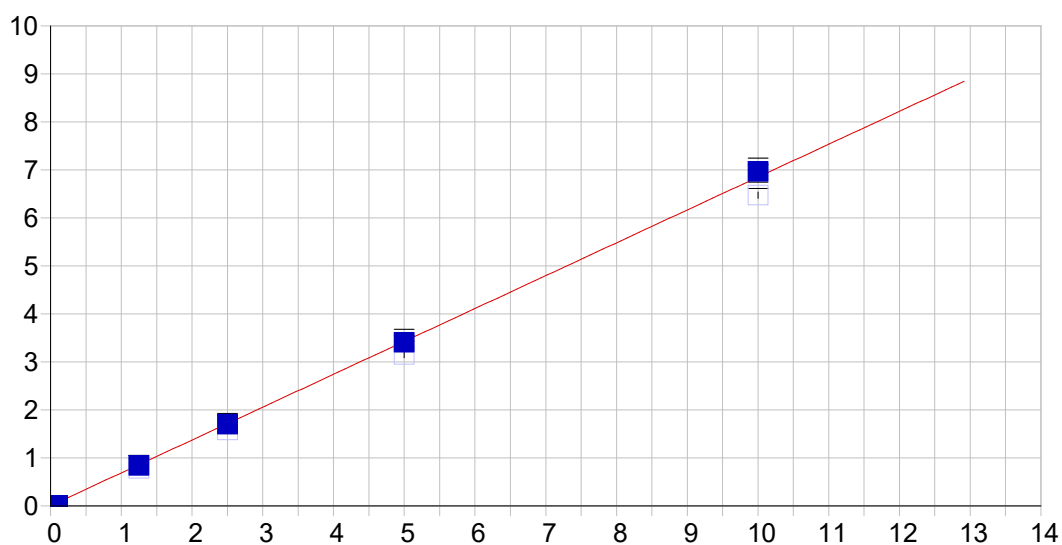


P 177.495 {490}

Date of Fit: 08/16/2019 15:36:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000772 Re-Slope: 1.000000
 A1 (Gain): 0.085044 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999915 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.002048
 Predicted MQL: 0.006826

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00077	.000	1
S1	.01000	.01144	.001	14.4	.00020	.000	1
S2	1.2500	1.2625	.013	1.00	.10541	.001	1
S3	2.5000	2.4662	-.034	-1.35	.20658	.002	1
S4	5.0000	4.9191	-.081	-1.62	.41280	.001	1
S5	10.000	10.101	.101	1.01	.84871	.006	1

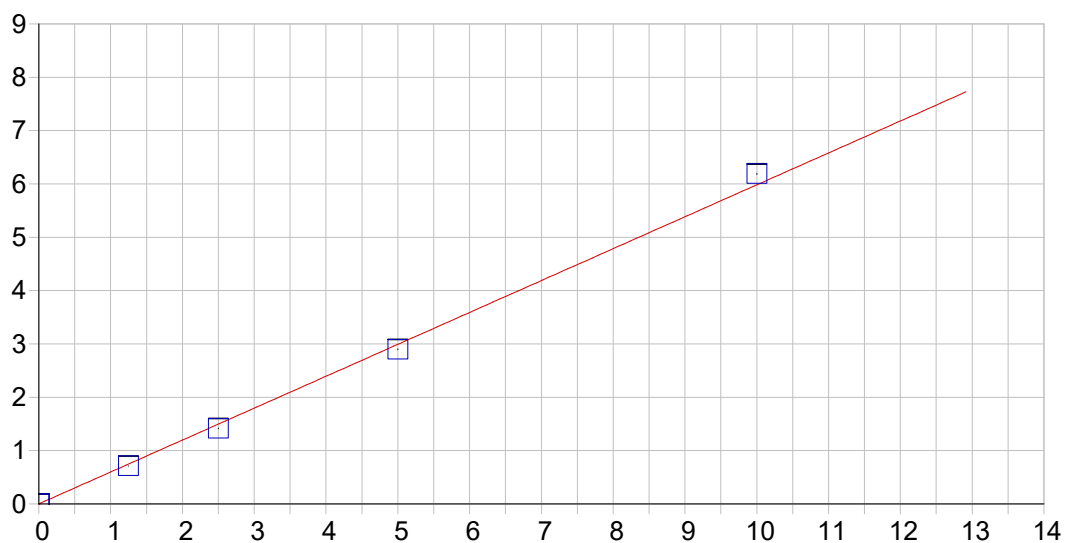


B 249.678 {135}

Date of Fit: 08/16/2019 15:36:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003674 Re-Slope: 1.000000
 A1 (Gain): 0.684698 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997335 Status: OK.
 Std Error of Est: 0.002469
 Predicted MDL: 0.000897
 Predicted MQL: 0.002991

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	.00374	.000	1
S1	.10000	.00893	-.091	-91.1	.00965	.000	1
S2	1.2500	1.2256	-.024	-1.95	.78072	.003	1
S3	2.5000	2.4821	-.018	-.718	1.5789	.015	1
S4	5.0000	4.9678	-.032	-.644	3.1566	.067	1
S5	10.000	10.173	.173	1.73	6.4719	.069	1

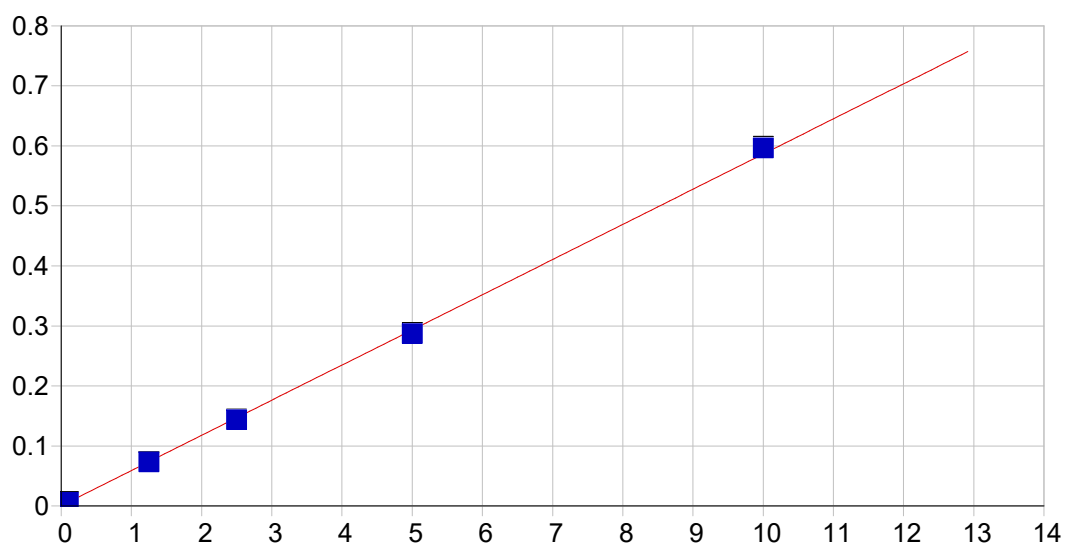


Mo 202.030 {467}

Date of Fit: 08/16/2019 15:36:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000502 Re-Slope: 1.000000
 A1 (Gain): 0.598220 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999292 Status: OK.
 Std Error of Est: 0.000378
 Predicted MDL: 0.000451
 Predicted MQL: 0.001503

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00050	.000	1
S1	.01000	.00983	-.000	-1.75	.00638	.000	1
S2	1.2500	1.1900	-.060	-4.80	.71240	.003	1
S3	2.5000	2.3667	-.133	-5.33	1.4163	.004	1
S4	5.0000	4.8477	-.152	-3.05	2.9005	.006	1
S5	10.000	10.346	.346	3.46	6.1895	.007	1

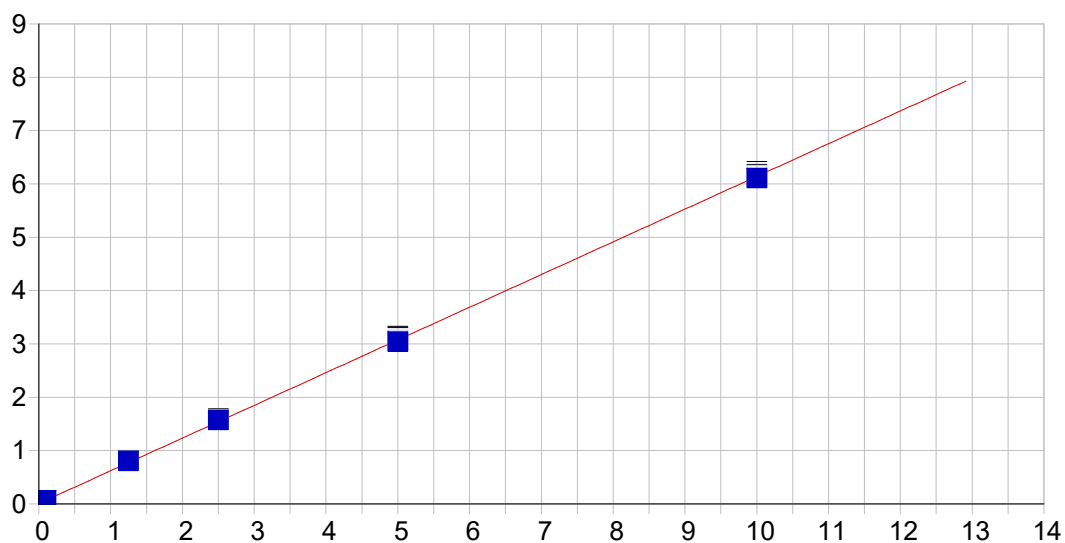


S 182.034 {485}

Date of Fit: 08/16/2019 15:36:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000362	Re-Slope:	1.000000
A1 (Gain):	0.058603	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999819	Status:	OK.
Std Error of Est:	0.000059		
Predicted MDL:	0.003541		
Predicted MQL:	0.011803		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00036	.000	1
S1	.10000	.10723	.007	7.23	.00665	.000	1
S2	1.2500	1.2421	-.008	-.629	.07331	.000	1
S3	2.5000	2.4450	-.055	-2.20	.14395	.001	1
S4	5.0000	4.8910	-.109	-2.18	.28760	.001	1
S5	10.000	10.165	.165	1.65	.59727	.002	1

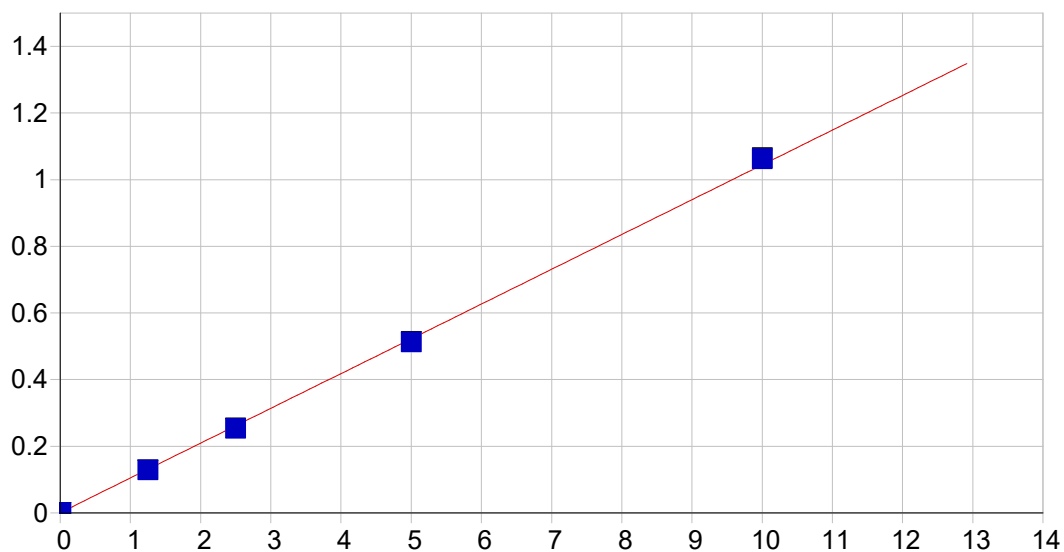


Si 251.611 {134}

Date of Fit: 08/16/2019 15:36:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007692 Re-Slope: 1.000000
 A1 (Gain): 0.613313 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999899 Status: OK.
 Std Error of Est: 0.000466
 Predicted MDL: 0.001019
 Predicted MQL: 0.003396

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00769	.000	1
S1	.10000	.10376	.004	3.76	.07155	.000	1
S2	1.2500	1.3013	.051	4.10	.81256	.002	1
S3	2.5000	2.5465	.046	1.86	1.5830	.013	1
S4	5.0000	4.9517	-.048	-.966	3.0718	.073	1
S5	10.000	9.9469	-.053	-.531	6.1625	.070	1

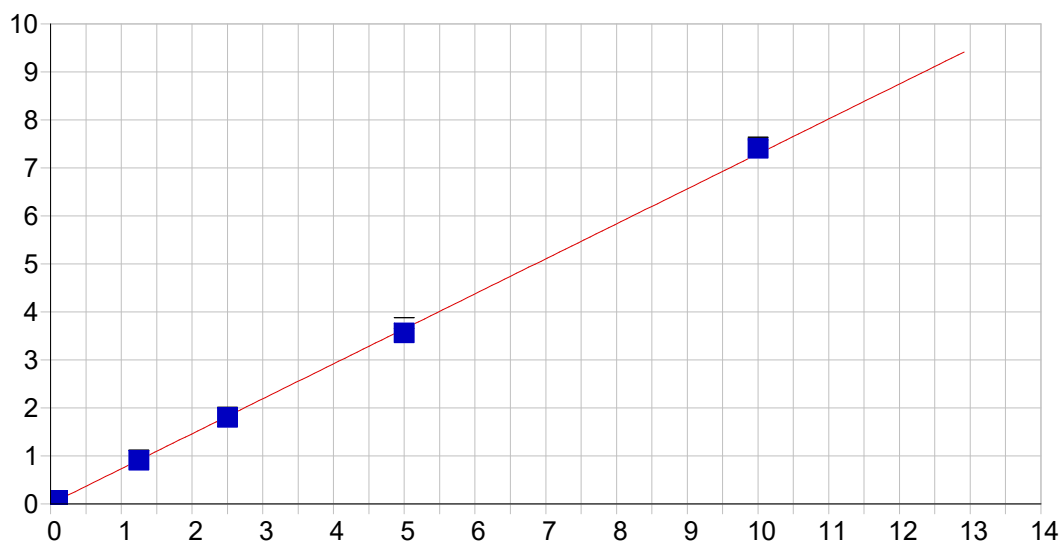


Sn 189.989 {478}

Date of Fit: 08/16/2019 15:36:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000557	Re-Slope:	1.000000
A1 (Gain):	0.104369	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999806	Status:	OK.
Std Error of Est:	0.000029		
Predicted MDL:	0.001644		
Predicted MQL:	0.005481		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00056	.000	1
S1	.00700	.00725	.000	3.52	.00129	.000	1
S2	1.2500	1.2299	-.020	-1.61	.12865	.000	1
S3	2.5000	2.4281	-.072	-2.88	.25343	.001	1
S4	5.0000	4.9113	-.089	-1.77	.51206	.002	1
S5	10.000	10.180	.180	1.80	1.0609	.003	1

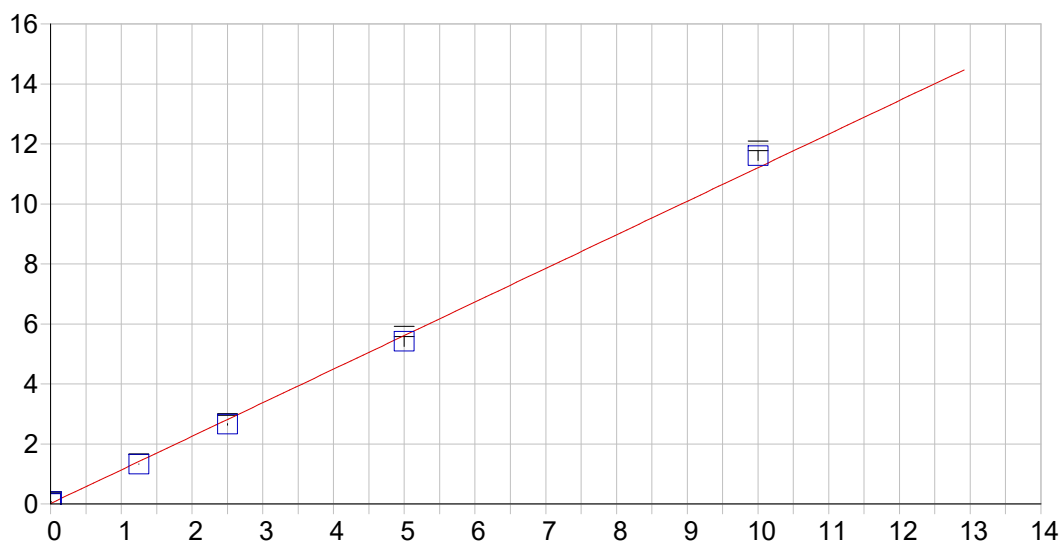


Ti 336.121 {100}

Date of Fit: 08/16/2019 15:36:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.003872	Re-Slope:	1.000000
A1 (Gain):	0.728739	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999834	Status:	OK.
Std Error of Est:	0.000705		
Predicted MDL:	0.001123		
Predicted MQL:	0.003745		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00387	.001	1
S1	.10000	.10642	.006	6.42	.08141	.001	1
S2	1.2500	1.2421	-.008	-.630	.90874	.007	1
S3	2.5000	2.4621	-.038	-1.52	1.7975	.007	1
S4	5.0000	4.8827	-.117	-2.35	3.5609	.112	1
S5	10.000	10.157	.157	1.57	7.4029	.028	1

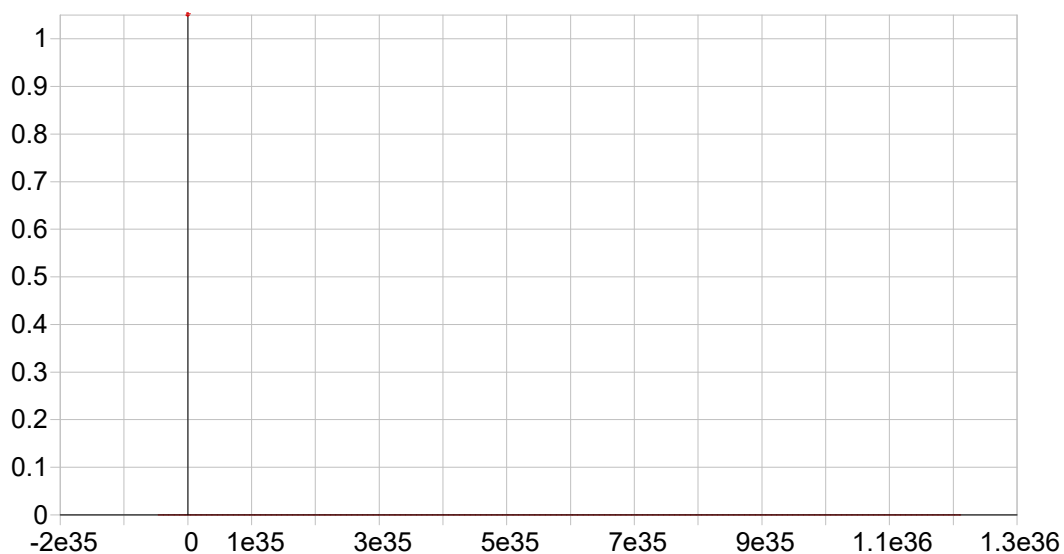


Li 670.784 { 50}

Date of Fit: 08/16/2019 15:36:15 Type of Fit: Linear Weighting: 1/Conc

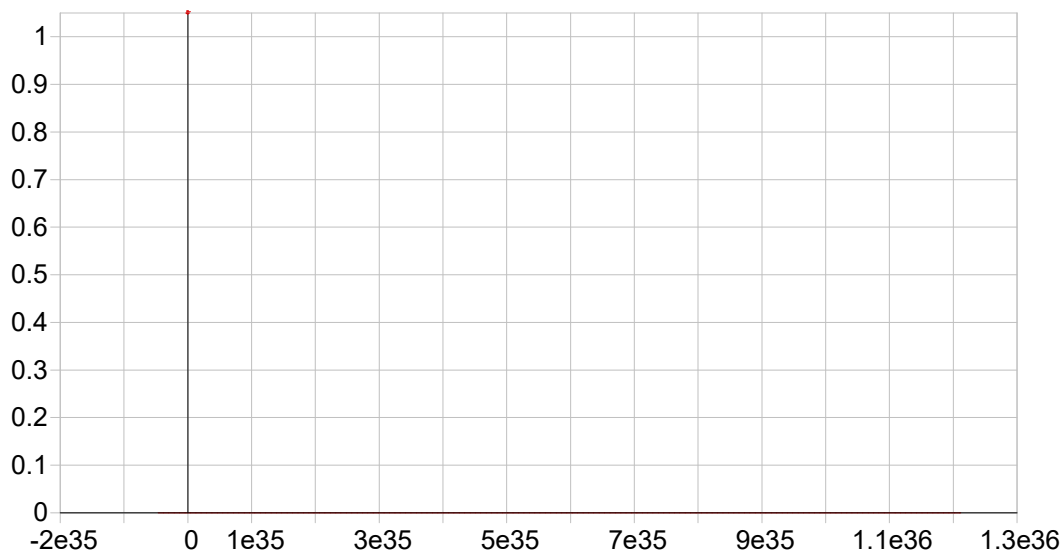
A0 (Offset): 0.014256 Re-Slope: 1.000000
 A1 (Gain): 1.119356 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.996911 Status: OK.
 Std Error of Est: 0.001811
 Predicted MDL: 0.001800
 Predicted MQL: 0.006002

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.01422	.002	1
S5	10.000	10.358	.358	3.58	11.609	.161	1
S4	5.0000	4.8270	-.173	-3.46	5.4174	.174	1
S3	2.5000	2.3559	-.144	-5.76	2.6514	.031	1
S2	1.2500	1.1734	-.077	-6.13	1.3277	.006	1
S1	.01500	.05062	.036	237.	.07091	.002	1



Y 224.306 {150}*

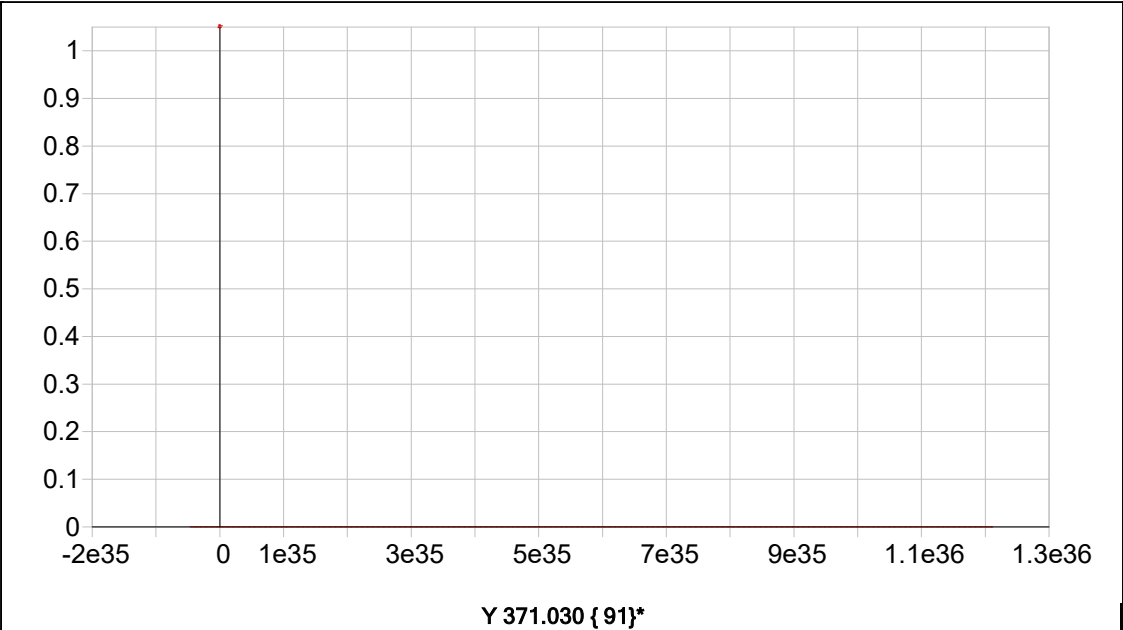
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				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



Y 224.306 {450}*

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

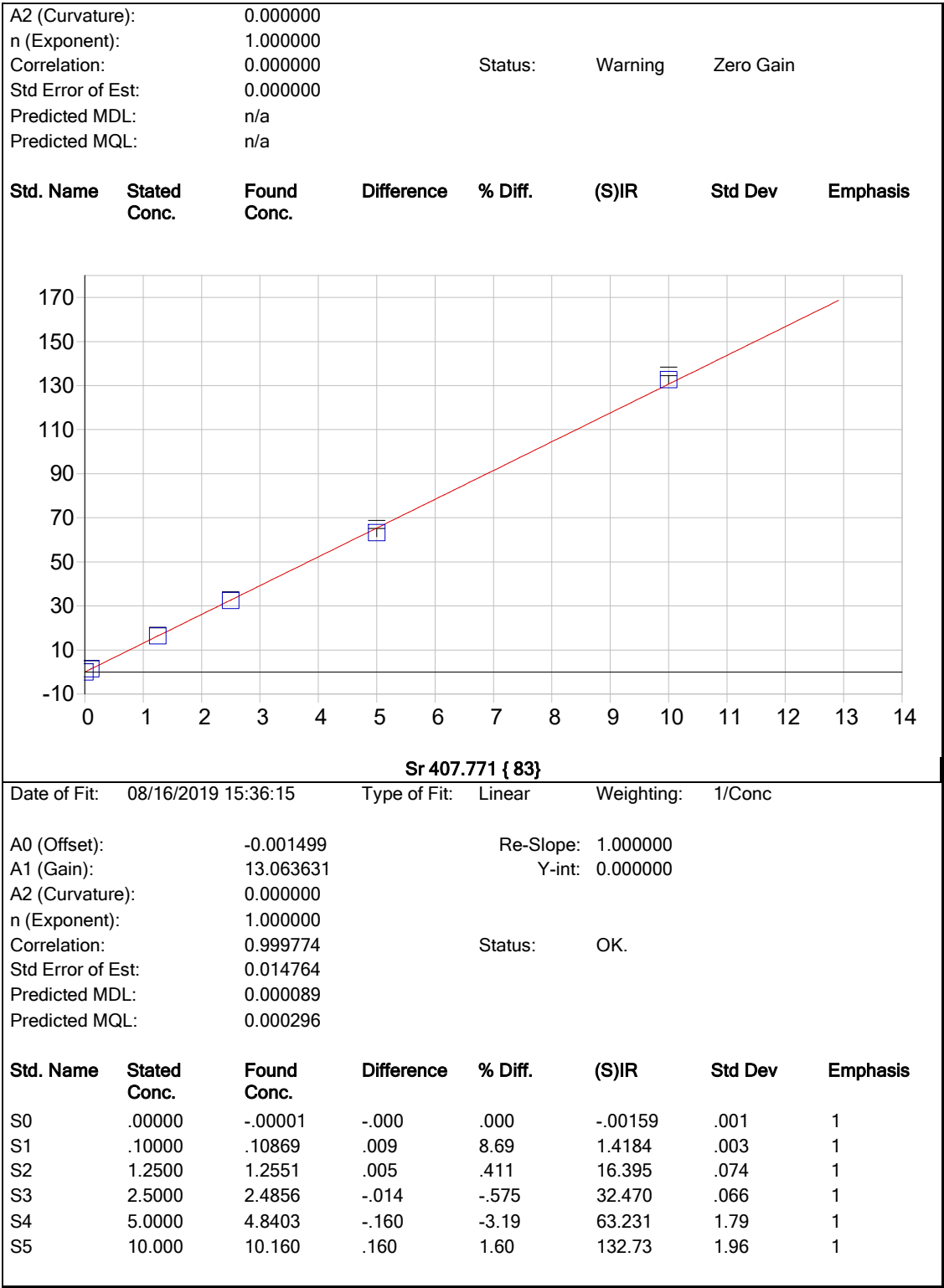




Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000		
A1 (Gain):	0.000000		Y-int:	0.000000		
A2 (Curvature):	0.000000					
n (Exponent):	1.000000					
Correlation:	0.000000		Status:	Warning	Zero Gain	
Std Error of Est:	0.000000					
Predicted MDL:	n/a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

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

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



Sample Name: S0 Acquired: 08/16/2019 14:31:35 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00034	-.00113	.00072	.00132	.00142	.00788	.00417
Stddev	.00012	.00025	.00053	.00006	.00010	.00080	.00048
%RSD	36.104	22.215	74.734	4.2028	7.1640	10.196	11.454

#1	-.00025	-.00126	.00113	.00127	.00130	.00837	.00453
#2	-.00049	-.00130	.00091	.00132	.00147	.00831	.00436
#3	-.00029	-.00084	.00011	.00138	.00149	.00695	.00363

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00326	-.00062	.00053	-.00000	.00044	.00432	.00132
Stddev	.00043	.00016	.00044	.00011	.00012	.00024	.00027
%RSD	13.231	25.707	83.612	2926.5	26.727	5.5915	20.679

#1	-.00277	-.00071	.00009	-.00009	.00030	.00453	.00109
#2	-.00345	-.00044	.00053	-.00005	.00050	.00437	.00124
#3	-.00357	-.00071	.00097	.00012	.00051	.00405	.00162

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00131	-.00066	-.00286	-.00090	-.00671	.00093	.00085
Stddev	.00007	.00019	.00024	.00006	.00087	.00034	.00041
%RSD	5.2287	28.555	8.4692	7.0489	12.982	36.831	47.956

#1	.00128	-.00045	-.00261	-.00092	-.00570	.00117	.00121
#2	.00125	-.00073	-.00309	-.00083	-.00722	.00054	.00094
#3	.00138	-.00081	-.00287	-.00095	-.00721	.00108	.00041

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.02812	-.00077	.00374	.00050	.00036	.00769	.00056
Stddev	.00037	.00013	.00018	.00031	.00011	.00018	.00026
%RSD	1.3311	17.112	4.7664	62.210	30.944	2.3476	46.283

#1	.02850	-.00066	.00353	.00066	.00048	.00786	.00031
#2	.02775	-.00074	.00384	.00071	.00026	.00770	.00083
#3	.02811	-.00092	.00384	.00014	.00035	.00750	.00053

Sample Name: S0 Acquired: 08/16/2019 14:31:35 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	.00387	.01422	-.00159
Stddev	.00064	.00190	.00104
%RSD	16.487	13.372	65.709

#1	.00361	.01281	-.00145
#2	.00340	.01347	-.00062
#3	.00460	.01638	-.00270

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1485.2	2462.3	31115.	5357.7	2628.2
Stddev	9.4	2.8	167.	93.6	3.5
%RSD	.63596	.11468	.53699	1.7477	.13235

#1	1488.0	2459.0	31173.	5417.4	2625.5
#2	1493.0	2463.7	31245.	5405.9	2626.9
#3	1474.7	2464.1	30926.	5249.8	2632.1

Sample Name: S1 Acquired: 08/16/2019 14:35:42 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00046	.00099	.00344	.00572	.01168	.03021	.82251	.03465
Stddev	.00018	.00031	.00018	.00027	.00035	.00062	.00323	.00069
%RSD	39.242	31.325	5.1355	4.6373	2.9828	2.0475	.39281	2.0050

#1	.00030	.00133	.00327	.00588	.01128	.03092	.82442	.03490
#2	.00066	.00091	.00343	.00587	.01187	.02983	.82433	.03387
#3	.00043	.00073	.00362	.00541	.01189	.02987	.81878	.03519

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	.02086	.52805	.00223	.05652	.01147	.00601	.01848	.08161
Stddev	.00036	.00148	.00004	.00054	.00047	.00002	.00020	.00064
%RSD	1.7102	.28103	1.9488	.95107	4.0698	.25342	1.1047	.77903

#1	.02122	.52750	.00228	.05694	.01172	.00602	.01826	.08234
#2	.02050	.52973	.00222	.05591	.01093	.00601	.01867	.08134
#3	.02086	.52692	.00219	.05670	.01175	.00599	.01852	.08116

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	.03099	.00429	.02975	.00926	.03007	.13593	.00020	.00965
Stddev	.00015	.00011	.00186	.00026	.00092	.00137	.00018	.00024
%RSD	.49288	2.6540	6.2689	2.8166	3.0704	1.0051	90.973	2.4822

#1	.03096	.00432	.02946	.00925	.03069	.13545	.00030	.00946
#2	.03116	.00417	.02804	.00952	.02901	.13487	.00030	.00956
#3	.03086	.00439	.03174	.00900	.03052	.13747	-.00001	.00992

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	.00638	.00665	.07155	.00129	.08141	.07091	1.4184	
Stddev	.00012	.00006	.00017	.00022	.00107	.00191	.0027	
%RSD	1.8444	.91958	.23274	16.719	1.3156	2.6905	.18716	

#1	.00639	.00667	.07142	.00105	.08263	.07281	1.4171	
#2	.00649	.00669	.07174	.00134	.08092	.07093	1.4215	
#3	.00626	.00658	.07149	.00148	.08066	.06900	1.4167	

Sample Name: S1 Acquired: 08/16/2019 14:35:42 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: 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	1496.7	2475.1	31172.	5407.3	2678.7
Stddev	5.2	4.6	273.	8.4	4.4
%RSD	.34558	.18411	.87431	.15481	.16484
#1	1491.7	2470.1	31021.	5399.1	2679.2
#2	1502.0	2479.0	31008.	5415.8	2682.8
#3	1496.5	2476.3	31486.	5406.9	2674.0

Sample Name: S2 Acquired: 08/16/2019 14:39:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: 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	.08434	.09876	1.5652	.15377	.20719	3.9932	9.4517	.87071
Stddev	.00054	.00020	.0050	.00108	.00115	.0188	.0419	.00065
%RSD	.64427	.20409	.31833	.69932	.55421	.47025	.44376	.07412

#1	.08395	.09873	1.5602	.15324	.20611	3.9734	9.4100	.87106
#2	.08496	.09858	1.5702	.15500	.20840	3.9953	9.4512	.87111
#3	.08410	.09898	1.5653	.15305	.20706	4.0108	9.4939	.86997

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	2.4243	5.8090	.74938	.66824	1.0422	1.5758	3.9298	.92998
Stddev	.0105	.0268	.00324	.00206	.0070	.0084	.0219	.00831
%RSD	.43230	.46115	.43302	.30899	.67656	.53262	.55811	.89399

#1	2.4131	5.7820	.75181	.66599	1.0341	1.5662	3.9066	.92183
#2	2.4338	5.8093	.75063	.67005	1.0463	1.5794	3.9327	.92967
#3	2.4261	5.8356	.74569	.66868	1.0462	1.5818	3.9501	.93845

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	.46960	.15175	.23596	.09560	1.7260	.78622	.10541	.78072
Stddev	.00214	.00057	.00082	.00095	.0105	.00152	.00071	.00344
%RSD	.45559	.37440	.34750	.99078	.60960	.19394	.67393	.44061

#1	.46751	.15222	.23537	.09454	1.7149	.78478	.10596	.78412
#2	.47178	.15191	.23690	.09591	1.7275	.78782	.10566	.78078
#3	.46951	.15112	.23560	.09636	1.7358	.78605	.10461	.77724

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	.71240	.07331	.81256	.12865	.90874	1.3277	16.395	
Stddev	.00312	.00034	.00202	.00016	.00728	.0060	.074	
%RSD	.43806	.46174	.24813	.12191	.80056	.44926	.45058	

#1	.71073	.07300	.81483	.12848	.90053	1.3226	16.316	
#2	.71600	.07367	.81096	.12879	.91131	1.3262	16.407	
#3	.71047	.07326	.81190	.12867	.91439	1.3342	16.462	

Sample Name: S2 Acquired: 08/16/2019 14:39:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: 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	1455.7	2444.6	31118.	5439.8	2721.3
Stddev	1.0	6.2	98.	7.9	5.0
%RSD	.07091	.25546	.31446	.14602	.18421
#1	1455.2	2445.3	31013.	5447.9	2726.0
#2	1456.9	2438.1	31132.	5439.6	2716.1
#3	1455.1	2450.5	31208.	5432.0	2721.9

Sample Name: S3 Acquired: 08/16/2019 14:43:40 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: 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	.16764	.20048	3.0943	.30555	.41157	7.9390	18.708	1.7330
Stddev	.00067	.00105	.0046	.00053	.00018	.0318	.162	.0115
%RSD	.39926	.52140	.14691	.17284	.04486	.40070	.86802	.66470

#1	.16736	.19964	3.0945	.30614	.41137	7.9134	18.725	1.7264
#2	.16716	.20015	3.0896	.30538	.41160	7.9290	18.537	1.7264
#3	.16841	.20165	3.0987	.30512	.41173	7.9746	18.860	1.7463

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.6447	11.436	1.4568	1.3061	2.0376	3.0778	7.6811	1.8478
Stddev	.0024	.084	.0053	.0000	.0072	.0140	.0464	.0088
%RSD	.05184	.73500	.36197	.00271	.35169	.45546	.60433	.47476

#1	4.6447	11.433	1.4507	1.3062	2.0294	3.0712	7.6710	1.8405
#2	4.6422	11.353	1.4603	1.3061	2.0411	3.0684	7.6405	1.8452
#3	4.6470	11.521	1.4593	1.3061	2.0424	3.0939	7.7317	1.8575

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	.91622	.30363	.47057	.18762	3.4222	1.5406	.20658	1.5789
Stddev	.00173	.00098	.00222	.00158	.0142	.0012	.00206	.0150
%RSD	.18827	.32307	.47191	.84286	.41418	.07546	.99932	.95020

#1	.91564	.30294	.46968	.18585	3.4067	1.5418	.20423	1.5682
#2	.91816	.30321	.46893	.18811	3.4256	1.5405	.20741	1.5724
#3	.91486	.30475	.47310	.18890	3.4344	1.5395	.20809	1.5961

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	1.4163	.14395	1.5830	.25343	1.7975	2.6514	32.470	
Stddev	.0037	.00067	.0127	.00072	.0072	.0306	.066	
%RSD	.25837	.46211	.80512	.28352	.40057	1.1545	.20470	

#1	1.4124	.14335	1.5751	.25292	1.7913	2.6468	32.407	
#2	1.4169	.14384	1.5762	.25313	1.7958	2.6233	32.463	
#3	1.4197	.14467	1.5977	.25425	1.8054	2.6840	32.540	

Sample Name: S3 Acquired: 08/16/2019 14:43:40 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: 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	1408.4	2392.3	30814.	5330.5	2709.0
Stddev	4.8	1.9	52.	22.3	1.5
%RSD	.33930	.07892	.16996	.41762	.05487
#1	1403.8	2392.3	30829.	5334.3	2708.1
#2	1413.4	2390.4	30756.	5350.7	2708.1
#3	1408.0	2394.1	30858.	5306.6	2710.7

Sample Name: S4 Acquired: 08/16/2019 14:47:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: 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	.34344	.41135	6.2876	.62062	.84945	15.917	37.208	3.3822
Stddev	.00067	.00175	.0117	.00140	.00260	.484	1.094	.0769
%RSD	.19489	.42462	.18636	.22487	.30593	3.0434	2.9401	2.2749

#1	.34370	.41266	6.3009	.62219	.85004	15.360	35.953	3.2964
#2	.34268	.41203	6.2835	.62013	.84660	16.237	37.957	3.4450
#3	.34395	.40937	6.2785	.61953	.85170	16.154	37.715	3.4054

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.9774	22.594	2.8834	2.5989	4.0094	6.0178	15.002	3.6821
Stddev	.0333	.699	.0094	.0052	.1129	.1755	.434	.1195
%RSD	.37076	3.0929	.32501	.19984	2.8168	2.9161	2.8947	3.2441

#1	9.0134	21.790	2.8819	2.6048	3.8791	5.8154	14.501	3.5444
#2	8.9713	23.054	2.8935	2.5951	4.0715	6.1272	15.275	3.7564
#3	8.9477	22.939	2.8749	2.5968	4.0777	6.1109	15.229	3.7457

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	1.8209	.62298	.94123	.36519	7.0702	3.0592	.41280	3.1566
Stddev	.0017	.00093	.03066	.01202	.0779	.0828	.00082	.0667
%RSD	.09075	.14995	3.2579	3.2903	1.1022	2.7073	.19815	2.1134

#1	1.8215	.62283	.90589	.35133	7.0043	2.9636	.41306	3.0844
#2	1.8190	.62212	.96081	.37277	7.0500	3.1076	.41346	3.2159
#3	1.8221	.62397	.95700	.37146	7.1562	3.1065	.41189	3.1697

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	2.9005	.28760	3.0718	.51206	3.5609	5.4174	63.231	
Stddev	.0057	.00149	.0731	.00185	.1118	.1738	1.793	
%RSD	.19695	.51830	2.3795	.36132	3.1405	3.2080	2.8358	

#1	2.9029	.28891	2.9908	.51378	3.4324	5.2169	61.403	
#2	2.8940	.28792	3.1330	.51229	3.6367	5.5246	64.987	
#3	2.9046	.28598	3.0914	.51011	3.6134	5.5107	63.302	

Sample Name: S4 Acquired: 08/16/2019 14:47:28 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: 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	1333.6	2297.9	30182.	5363.4	2671.8
Stddev	11.2	6.0	219.	141.6	5.8
%RSD	.84194	.26276	.72411	2.6404	.21729
#1	1336.9	2296.0	30335.	5526.7	2665.3
#2	1342.8	2304.6	30278.	5289.8	2676.4
#3	1321.1	2293.0	29931.	5273.8	2673.7

Sample Name: S5 Acquired: 08/16/2019 14:51:21 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: 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	.72183	.85280	12.946	1.2851	1.8017	33.279	74.399	6.8479
Stddev	.00124	.00286	.025	.0022	.0017	.138	.435	.0761
%RSD	.17168	.33489	.18974	.17060	.09322	.41384	.58458	1.1120

#1	.72068	.85131	12.937	1.2834	1.7999	33.162	74.132	6.7960
#2	.72166	.85099	12.926	1.2876	1.8033	33.244	74.166	6.8125
#3	.72314	.85609	12.973	1.2843	1.8018	33.430	74.901	6.9353

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	17.611	45.513	5.7003	5.2319	8.2940	12.189	30.094	7.6295
Stddev	.023	.434	.0120	.0099	.0097	.056	.231	.0423
%RSD	.12908	.95285	.21092	.18971	.11706	.45873	.76609	.55400

#1	17.611	45.239	5.7061	5.2335	8.2836	12.142	29.907	7.5959
#2	17.587	45.287	5.7083	5.2213	8.3028	12.173	30.023	7.6156
#3	17.633	46.013	5.6865	5.2409	8.2955	12.251	30.351	7.6769

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	3.6516	1.2807	1.9514	.73820	15.389	6.3560	.84871	6.4719
Stddev	.0096	.0038	.0100	.00526	.025	.0232	.00629	.0685
%RSD	.26170	.29552	.51345	.71218	.16241	.36494	.74111	1.0584

#1	3.6536	1.2848	1.9414	.73382	15.390	6.3365	.84469	6.4364
#2	3.6412	1.2797	1.9514	.73674	15.363	6.3499	.84549	6.4284
#3	3.6600	1.2774	1.9615	.74403	15.413	6.3817	.85596	6.5508

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	6.1895	.59727	6.1625	1.0609	7.4029	11.609	132.73	
Stddev	.0074	.00228	.0695	.0030	.0285	.161	1.96	
%RSD	.11938	.38230	1.1281	.27940	.38489	1.3909	1.4749	

#1	6.1812	.59628	6.1162	1.0594	7.3846	11.484	131.57	
#2	6.1951	.59566	6.1288	1.0591	7.3884	11.551	131.62	
#3	6.1923	.59989	6.2424	1.0643	7.4357	11.791	134.99	

Sample Name: S5 Acquired: 08/16/2019 14:51:21 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: 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	1202.4	2130.0	29349.	5225.4	2581.4
Stddev	7.2	3.0	72.	49.7	4.8
%RSD	.59610	.14288	.24670	.95111	.18745
#1	1205.3	2133.5	29290.	5256.2	2584.5
#2	1207.7	2128.3	29327.	5251.9	2583.9
#3	1194.2	2128.3	29430.	5168.0	2575.8

Sample Name: S6 Acquired: 08/16/2019 14:55:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	85.336	72.645	32.093	12.403	5.2879
Stddev	.939	.957	.158	.063	.0295
%RSD	1.0998	1.3178	.49339	.50580	.55685

#1	85.106	73.188	32.185	12.435	5.2941
#2	86.369	73.207	32.184	12.443	5.3137
#3	84.534	71.540	31.910	12.330	5.2558

Int. Std.	Y_3710
Units	Cts/S
Avg	5130.4
Stddev	64.7
%RSD	1.2606

#1	5104.5
#2	5082.6
#3	5204.0

Sample Name: ICV Acquired: 08/16/2019 14:59:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9239348	.9364761	.9525623	.9552753	.9099861	2.298038
Stddev	.0028744	.0012662	.0022571	.0028840	.0012609	.006567
%RSD	.3111068	.1352105	.2369559	.3018981	.1385623	.2857439

#1	.9206522	.9360759	.9513958	.9533092	.9096557	2.295654
#2	.9251513	.9378940	.9511270	.9539308	.9089232	2.292997
#3	.9260011	.9354583	.9551640	.9585860	.9113792	2.305464

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5012250	.4900875	.5430419	10.26837	.5224752	.5050286
Stddev	.0011050	.0037569	.0010361	.03353	.0133510	.0017036
%RSD	.2204632	.7665704	.1907919	.3265245	2.555327	.3373228

#1	.5018709	.4927636	.5421819	10.30447	.5281019	.5034317
#2	.5018550	.4917063	.5427515	10.26243	.5320917	.5048322
#3	.4999491	.4857926	.5441921	10.23821	.5072319	.5068218

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4720702	5.296031	.5014363	5.815263	.5251256	.4616554
Stddev	.0004856	.024023	.0007474	.025053	.0015419	.0108426
%RSD	.1028616	.4536103	.1490479	.4308159	.2936270	2.348636

#1	.4718653	5.322541	.5012639	5.789923	.5264139	.4670359
#2	.4726247	5.275703	.5022549	5.815845	.5234172	.4687553
#3	.4717207	5.289849	.5007903	5.840019	.5255457	.4491748

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.13020	.5038288	.9939244	9.565448	F .0040927	F .4865109
Stddev	.05403	.0031524	.0187086	.062561	.0011239	.0018991
%RSD	.5333108	.6256824	1.882296	.6540284	27.46152	.3903429

#1	10.16039	.5009928	1.008057	9.637658	.0029834	.4881630
#2	10.06782	.5032706	1.001008	9.531108	.0040640	.4869336
#3	10.16238	.5072229	.972708	9.527578	.0052307	.4844361

Sample Name: ICV Acquired: 08/16/2019 14:59:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.00000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .4533370	F .0069229	F .4822615	F .4758401	F .4833353	F .0102167
Stddev	.0008349	.0022726	.0044399	.0025982	.0013906	.0017981
%RSD	.1841609	32.82738	.9206493	.5460287	.2877010	17.59936

#1	.4528184	.0078315	.4858633	.4737916	.4834713	.0103537
#2	.4528925	.0043366	.4836203	.4787626	.4818818	.0083541
#3	.4543000	.0086006	.4773010	.4749659	.4846529	.0119424

Elem	Sr4077
Units	ppm
Avg	F .0113124
Stddev	.0000201
%RSD	.1780587

#1	.0113073
#2	.0112954
#3	.0113346

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1552.585	2535.806	32211.73	5438.653	2752.216
Stddev	29.635	1.801	741.23	11.278	1.544
%RSD	1.908752	.0710070	2.301110	.2073736	.0561060

#1	1530.424	2537.730	31825.75	5430.882	2753.994
#2	1541.084	2534.161	31743.14	5433.488	2751.444
#3	1586.246	2535.527	33066.29	5451.589	2751.210

Sample Name: ICB Acquired: 08/16/2019 15:11:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) 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	.0012096	.0001489	-.001678	-.000054	-.000447	-.009423	.0004176
Stddev	.0002965	.0009928	.001060	.000833	.000874	.007704	.0000315
%RSD	24.51152	666.6591	63.14880	1538.708	195.4607	81.75616	7.541069

#1	.0011483	-.000957	-.002581	-.000570	-.000081	-.015451	.0004029
#2	.0009486	.000441	-.001942	-.000499	.000184	-.000743	.0004537
#3	.0015320	.000963	-.000511	.000906	-.001444	-.012076	.0003961

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000090	-.000058	-.001544	.0003893	-.000253	.0055869	-.009479
Stddev	.000033	.000089	.011736	.0002821	.000368	.0039538	.004982
%RSD	36.37618	154.7380	760.1861	72.46985	145.8247	70.76900	52.55921

#1	-.000127	.000045	.011480	.0007150	-.000502	.0100610	-.009698
#2	-.000072	-.000117	-.011299	.0002313	.000171	.0041368	-.014348
#3	-.000070	-.000102	-.004813	.0002215	-.000427	.0025629	-.004391

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000024	.0201205	-.000274	.0002258	.3227520	-.003366	-.000472
Stddev	.000147	.0258252	.000300	.0001676	.1943826	.000734	.001818
%RSD	604.1165	128.3525	109.3574	74.19383	60.22661	21.81179	384.7708

#1	.000013	.0247948	-.000444	.0004193	.5346790	-.004020	-.002400
#2	-.000186	-.007723	.000072	.0001278	.1527588	-.003505	-.000228
#3	.000100	.043289	-.000451	.0001304	.2808182	-.002572	.001211

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0292597	-.001222	.0021696	-.000123	.0022712	.0006339	-.001146
Stddev	.0223987	.000189	.0006766	.000113	.0021575	.0004482	.000649
%RSD	76.55142	15.50002	31.18729	92.23672	94.99444	70.70170	56.60715

#1	.0237096	-.001417	.0014464	-.000122	-.000166	.0005287	-.001683
#2	.0101578	-.001209	.0027872	-.000236	.003935	.0011254	-.000425
#3	.0539117	-.001039	.0022751	-.000010	.003045	.0002477	-.001330

Sample Name: ICB Acquired: 08/16/2019 15:11:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) 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	-.000503	.0028006	.0000177
Stddev	.000762	.0025912	.0000486
%RSD	151.6125	92.52254	274.2688

#1	-.000734	.0050375	.0000232
#2	.000348	-.000039	-.000033
#3	-.001122	.003403	.000063

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1498.000	2491.780	31180.00	5370.856	2657.940
Stddev	6.189	18.655	299.71	51.067	18.565
%RSD	.4131261	.7486633	.9612220	.9508191	.6984559

#1	1503.933	2476.518	31399.63	5311.906	2642.088
#2	1491.584	2512.576	30838.57	5399.107	2678.363
#3	1498.482	2486.246	31301.81	5401.556	2653.369

Sample Name: CCV044 Acquired: 08/16/2019 15:23:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.00000
User: BIN Custom ID1: CCV044 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.793853	4.982240	24.70966	4.822590	4.837106	404.0336	10.00199
Stddev	.005788	.011350	.02739	.007122	.005585	1.6367	.07775
%RSD	.1207342	.2278048	.1108334	.1476885	.1154569	.4050917	.7773248

#1	4.798346	4.992413	24.67914	4.820575	4.840719	402.2425	9.94915
#2	4.787322	4.969998	24.73209	4.830503	4.830674	405.4515	9.96556
#3	4.795892	4.984308	24.71774	4.816692	4.839925	404.4067	10.09127

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4987712	2.427747	406.2515	15.22519	2.486267	14.96376	410.2381
Stddev	.0032185	.003662	3.5649	.02638	.001796	.01541	2.3233
%RSD	.6452810	.1508241	.8775027	.1732942	.0722268	.1030022	.5663275

#1	.4961693	2.424123	403.7724	15.19491	2.484314	14.96145	408.4573
#2	.4977741	2.431445	404.6451	15.23743	2.487847	14.94964	409.3908
#3	.5023703	2.427672	410.3369	15.24324	2.486641	14.98020	412.8661

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.80770	403.7000	2.482781	1.262571	404.2708	2.475058	14.93283
Stddev	.10689	2.2799	.001219	.006728	2.6413	.020019	.07586
%RSD	.7218763	.5647400	.0490885	.5328573	.6533368	.8088484	.5079941

#1	14.73441	401.7469	2.483980	1.255101	402.3546	2.460737	14.97730
#2	14.75833	403.1480	2.481543	1.264459	403.1741	2.466504	14.84524
#3	14.93035	406.2052	2.482822	1.268153	407.2838	2.497934	14.97595

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.1307	4.956763	4.978117	4.809456	4.893645	4.946187	4.940409
Stddev	.3494	.017625	.030338	.002271	.011912	.034016	.002519
%RSD	.2311824	.3555727	.6094222	.0472260	.2434113	.6877120	.0509972

#1	150.9236	4.968239	4.953207	4.811776	4.896267	4.913731	4.939050
#2	150.9343	4.936469	4.969242	4.809354	4.880641	4.943257	4.943316
#3	151.5341	4.965580	5.011903	4.807237	4.904027	4.981572	4.938861

Sample Name: CCV044 Acquired: 08/16/2019 15:23:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.00000
User: BIN Custom ID1: CCV044 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.968661	4.992738	4.958697
Stddev	.027740	.041293	.064119
%RSD	.5583028	.8270526	1.293070

#1	4.948789	4.957785	5.024165
#2	4.956841	4.982129	4.896018
#3	5.000354	5.038300	4.955908

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1307.730	2267.948	29671.81	5233.901	2620.265
Stddev	6.305	.419	66.59	21.968	2.293
%RSD	.4821082	.0184803	.2244326	.4197193	.0875237

#1	1301.160	2268.159	29666.67	5243.242	2620.948
#2	1313.730	2267.465	29740.83	5249.654	2617.707
#3	1308.300	2268.220	29607.94	5208.806	2622.139

Sample Name: CCB044 Acquired: 08/16/2019 15:27:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB044 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031778	.0002615	-.000199	.0007737	-.001096	.0059625	.0007256
Stddev	.0016397	.0005945	.001307	.0020169	.001641	.0050212	.0006556
%RSD	51.59911	227.3104	657.7758	260.6829	149.7142	84.21258	90.35721

#1	.0046906	.0001996	-.000387	-.001477	-.002400	.0097787	.0011698
#2	.0014354	.0008846	.001192	.002416	-.001636	.0002742	.0010344
#3	.0034075	-.000300	-.001401	.001383	.000747	.0078346	-.000027

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000402	-.000056	.0030557	.0001610	-.000154	.0026755	.0016569
Stddev	.0000222	.000085	.0090557	.0001389	.000566	.0009040	.0080837
%RSD	55.21677	151.7910	296.3487	86.27715	368.5870	33.78667	487.8787

#1	.0000320	-.000033	-.006655	.0000023	-.000806	.0037154	.0097864
#2	.0000233	.000015	.011269	.0002199	.000209	.0020765	-.006380
#3	.0000654	-.000150	.004553	.0002608	.000137	.0022348	.001564

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001117	.0573153	.0005783	-.000104	.4766140	-.003724	-.000389
Stddev	.0000723	.0166160	.0007792	.000089	.3212961	.003109	.001170
%RSD	64.68534	28.99052	134.7409	85.84604	67.41222	83.48457	300.9047

#1	.0001878	.0392542	-.000194	-.000071	.4172199	-.000169	-.001723
#2	.0000440	.0607389	.001364	-.000036	.1891589	-.005067	.000464
#3	.0001034	.0719528	.000565	-.000205	.8234630	-.005934	.000092

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0551556	-.000412	.0085647	.0005070	-.002129	.0006706	.0018225
Stddev	.0528517	.001645	.0008521	.0002586	.000649	.0013640	.0009204
%RSD	95.82286	399.4867	9.948391	50.99828	30.50063	203.3810	50.50574

#1	.0612180	.000530	.0095483	.0007848	-.001747	.0001994	.0008941
#2	.1047147	-.002311	.0080945	.0002733	-.001760	.0022077	.0018385
#3	-.000466	.000546	.0080514	.0004629	-.002878	-.000395	.0027348

Sample Name: CCB044 Acquired: 08/16/2019 15:27:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.00000
User: BIN Custom ID1: CCB044 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004480	.0067683	.0000463
Stddev	.0010259	.0012471	.0000680
%RSD	229.0059	18.42506	147.0532

#1	.0010168	.0057128	.0000382
#2	.0010635	.0064477	-.000017
#3	-.000736	.0081443	.000118

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1511.248	2495.632	31282.52	5341.742	2664.123
Stddev	6.393	7.591	11.97	22.752	4.615
%RSD	.4230401	.3041522	.0382714	.4259264	.1732335

#1	1518.463	2489.147	31278.48	5349.138	2662.352
#2	1508.996	2503.981	31295.98	5316.213	2669.361
#3	1506.286	2493.769	31273.08	5359.876	2660.656

Sample Name: PB122327BL Acquired: 08/16/2019 15:48:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS327 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003402	-.001131	-.001095	.0006542	.0012032	.0018660	.0000363
Stddev	.0018630	.002647	.001276	.0039756	.0016883	.0080449	.0003600
%RSD	547.7003	234.0605	116.4764	607.7373	140.3223	431.1227	991.6805

#1	.0021534	.001541	.000285	-.000136	.0031506	-.004328	-.000004
#2	-.001569	-.003754	-.002231	.004966	.0003074	.010959	.000415
#3	.000436	-.001180	-.001340	-.002867	.0001515	-.001033	-.000302

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000350	-.000062	.0031083	-.000348	-.000460	.0020382	-.005941
Stddev	.0000098	.000067	.0093748	.000585	.000166	.0037008	.006706
%RSD	28.07097	108.6701	301.6010	167.9751	36.03523	181.5781	112.8868

#1	.0000264	-.000048	.0066620	.000326	-.000298	.0063115	-.013447
#2	.0000457	-.000003	.0101867	-.000726	-.000630	-.000121	-.000540
#3	.0000328	-.000136	-.007524	-.000644	-.000454	-.000076	-.003835

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000269	.0205161	.0005372	-.000315	.1443143	-.003183	-.000784
Stddev	.000145	.0110419	.0005944	.000161	.2960138	.003792	.001214
%RSD	53.63987	53.82095	110.6333	51.19310	205.1175	119.1408	154.8228

#1	-.000413	.0177937	.0003273	-.000290	.3568369	.001144	-.000808
#2	-.000271	.0326646	.0000763	-.000488	-.193787	-.004764	-.001986
#3	-.000124	.0110899	.0012081	-.000168	.269893	-.005930	.000442

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0589208	.0001341	-.001813	.0001223	.0001206	-.001502	-.000655
Stddev	.0343807	.0017855	.000083	.0003975	.0005186	.000208	.001016
%RSD	58.35068	1331.121	4.592706	325.1363	430.0468	13.84811	155.0556

#1	.0252645	.0010904	-.001718	-.000213	-.000386	-.001264	-.000985
#2	.0939828	-.001926	-.001874	.000561	.000097	-.001597	.000485
#3	.0575151	.001238	-.001848	.000018	.000651	-.001646	-.001466

Sample Name: PB122327BL Acquired: 08/16/2019 15:48:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS327 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000065	.0019242	-.000053
Stddev	.001351	.0012658	.000082
%RSD	2072.438	65.78525	154.9650

#1	.000752	.0011757	.000036
#2	.000677	.0012112	-.000071
#3	-.001625	.0033857	-.000124

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1500.096	2480.048	31134.98	5372.482	2645.734
Stddev	1.240	9.452	195.23	19.495	4.059
%RSD	.0826545	.3811128	.6270559	.3628667	.1534020

#1	1499.239	2479.743	30917.96	5351.065	2644.145
#2	1501.518	2489.649	31296.33	5389.193	2650.347
#3	1499.532	2470.753	31190.67	5377.188	2642.710

Sample Name: PB122327BS Acquired: 08/16/2019 15:52:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS327 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193523	.0486975	.0198377	.0736092	.1211331	.3965811
Stddev	.0016127	.0020888	.0007776	.0013433	.0012545	.0046421
%RSD	8.333506	4.289410	3.919703	1.824959	1.035646	1.170530

#1	.0210660	.0511090	.0204002	.0729378	.1203983	.3933093
#2	.0178643	.0475314	.0201626	.0751559	.1225816	.3945400
#3	.0191267	.0474520	.0189504	.0727339	.1204193	.4018941

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4162051	.0107533	.0117897	10.88459	.0237079	.1060584
Stddev	.0015681	.0000859	.0000933	.01299	.0008584	.0000470
%RSD	.3767680	.7984777	.7913894	.1193171	3.620793	.0442922

#1	.4146182	.0107359	.0117240	10.87438	.0229175	.1060645
#2	.4177537	.0108465	.0118965	10.89921	.0235849	.1060086
#3	.4162435	.0106774	.0117485	10.88017	.0246211	.1061020

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0464796	.2284231	.0336447	10.33796	.0900898	.0209485
Stddev	.0013865	.0076755	.0008305	.00739	.0003484	.0003678
%RSD	2.983048	3.360212	2.468303	.0714795	.3867268	1.755838

#1	.0471613	.2206891	.0327245	10.33943	.0902810	.0205434
#2	.0448843	.2285415	.0338711	10.34450	.0903007	.0210405
#3	.0473933	.2360387	.0343385	10.32994	.0896877	.0212616

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.69694	.1023354	.1303865	10.03717	.0231302	F .0180687
Stddev	.12769	.0041940	.0004165	.09531	.0005831	.0013183
%RSD	1.193692	4.098282	.3194075	.9495442	2.520816	7.295886

#1	10.70884	.1062183	.1300059	9.95600	.0232239	.0165892
#2	10.81826	.0978876	.1308313	10.14211	.0236608	.0184982
#3	10.56372	.1029005	.1303222	10.01339	.0225060	.0191186

Sample Name: PB122327BS Acquired: 08/16/2019 15:52:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.00000
User: BIN Custom ID1: LCS327 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0200081	.2026939	.2046618	.0134915	.2057385	F .1014960
Stddev	.0003975	.0020112	.0026691	.0015373	.0009758	.0007080
%RSD	1.986887	.9922425	1.304178	11.39486	.4743064	.6976047

#1	.0203138	.2035806	.2063802	.0128934	.2056575	.1017343
#2	.0195587	.2003917	.2060183	.0123431	.2067523	.1006995
#3	.0201519	.2041094	.2015868	.0152380	.2048057	.1020541

Elem	Sr4077
Units	ppm
Avg	.2071565
Stddev	.0007100
%RSD	.3427246

#1	.2067507
#2	.2079763
#3	.2067424

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1511.273	2500.352	31406.12	5423.650	2721.050
Stddev	8.012	8.122	137.08	54.040	4.221
%RSD	.5301560	.3248398	.4364850	.9963841	.1551401

#1	1519.558	2491.242	31554.85	5406.280	2716.435
#2	1510.697	2506.838	31378.67	5380.430	2724.717
#3	1503.565	2502.977	31284.84	5484.239	2721.998

Sample Name: PB122329BL Acquired: 08/16/2019 15:56:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS329 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018207	-.000041	.0000446	-.001204	-.000151	-.001364	.0002522
Stddev	.0013266	.002395	.0019452	.002595	.000726	.002346	.0007879
%RSD	72.86293	5860.351	4358.310	215.5388	480.8883	171.9411	312.3715

#1	.0007606	.000898	-.000107	-.001743	.000683	-.003960	.0008997
#2	.0013931	-.002764	.002061	-.003487	-.000637	.000603	-.000625
#3	.0033083	.001743	-.001820	.001618	-.000499	-.000736	.000482

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000013	-.000005	-.010993	-.000103	.0000285	-.001453	.0021498
Stddev	.000021	.000075	.008746	.000252	.0000933	.001243	.0096020
%RSD	153.8925	1418.554	79.56119	245.6825	327.0145	85.55470	446.6455

#1	-.000007	.000006	-.004910	-.000392	-.000056	-.002843	-.001768
#2	-.000037	.000064	-.021016	.000069	.000128	-.000446	.013091
#3	.000003	-.000085	-.007052	.000015	.000014	-.001071	-.004874

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000030	.0206411	.0003272	-.000272	.4340025	-.003308	.0004049
Stddev	.000308	.0114076	.0004359	.000224	.2391219	.004177	.0012530
%RSD	1030.607	55.26610	133.2277	82.27126	55.09690	126.2435	309.4642

#1	.000196	.0085090	.0008066	-.000120	.3937853	-.002669	-.000816
#2	-.000381	.0311502	.0002202	-.000168	.2175393	-.007768	.000343
#3	.000096	.0222642	-.000045	-.000530	.6906830	.000512	.001688

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.022170	.0009521	-.002994	.0000375	.0008092	-.002724	.0009819
Stddev	.033520	.0010189	.000942	.0002417	.0025186	.001167	.0002291
%RSD	151.1930	107.0155	31.45457	645.0996	311.2472	42.84460	23.33213

#1	-.014772	.0002962	-.002830	.0002825	.0008036	-.003708	.0007655
#2	-.058772	.0004342	-.002145	.0000305	.0033306	-.003029	.0012219
#3	.007032	.0021259	-.004007	-.000201	-.001707	-.001435	.0009583

Sample Name: PB122329BL Acquired: 08/16/2019 15:56:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS329 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000646	-.000046	.0000041
Stddev	.000455	.000411	.0000725
%RSD	70.35091	883.5954	1780.718

#1	-.000136	.000417	-.000031
#2	-.000796	-.000366	-.000044
#3	-.001008	-.000190	.000087

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1500.615	2485.660	31133.44	5390.793	2656.918
Stddev	8.140	6.921	41.18	69.758	7.502
%RSD	.5424406	.2784549	.1322787	1.294028	.2823619

#1	1505.742	2488.242	31135.40	5453.981	2658.298
#2	1491.230	2490.920	31091.32	5315.936	2663.634
#3	1504.874	2477.819	31173.61	5402.462	2648.822

Sample Name: PB122329BS Acquired: 08/16/2019 16:00:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS329 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0224685	.0502037	.0190469	.0736778	.1216580	.4072061
Stddev	.0043572	.0011788	.0011355	.0013535	.0024047	.0019453
%RSD	19.39251	2.348100	5.961443	1.837097	1.976643	.4777250

#1	.0174418	.0507584	.0203289	.0721938	.1191419	.4050128
#2	.0247950	.0488498	.0186437	.0739951	.1239332	.4087229
#3	.0251686	.0510029	.0181681	.0748444	.1218988	.4078825

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4222116	.0108977	.0117609	11.07544	.0240750	.1061769
Stddev	.0022399	.0000272	.0000943	.02391	.0002203	.0003903
%RSD	.5305254	.2493187	.8013936	.2158545	.9151666	.3676082

#1	.4245699	.0108697	.0116679	11.10291	.0240243	.1062626
#2	.4219522	.0109239	.0118564	11.05938	.0238845	.1057509
#3	.4201126	.0108996	.0117583	11.06401	.0243163	.1065173

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0458552	.2315000	.0337021	10.46600	.0911348	.0211863
Stddev	.0009297	.0042545	.0000188	.05688	.0004995	.0002202
%RSD	2.027561	1.837781	.0559162	.5434565	.5481343	1.039115

#1	.0457242	.2356174	.0337106	10.51292	.0909285	.0214212
#2	.0449979	.2271206	.0336805	10.48234	.0917045	.0209847
#3	.0468435	.2317621	.0337153	10.40274	.0907716	.0211529

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.83652	.1049431	.1324873	10.33110	.0221465	F .0182480
Stddev	.15420	.0034439	.0033068	.05390	.0005679	.0002453
%RSD	1.423011	3.281727	2.495913	.5216989	2.564121	1.344016

#1	10.68434	.1074295	.1357776	10.27842	.0223077	.0185108
#2	10.99268	.1063877	.1325200	10.32875	.0226164	.0182079
#3	10.83256	.1010121	.1291643	10.38613	.0215155	.0180253

Sample Name: PB122329BS Acquired: 08/16/2019 16:00:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.00000
User: BIN Custom ID1: LCS329 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0201087	.2030839	.2050659	.0132330	.2087599	F .1017597
Stddev	.0001263	.0009017	.0022375	.0001912	.0007099	.0020717
%RSD	.6280301	.4439784	1.091117	1.445078	.3400459	2.035927

#1	.0199933	.2033155	.2076030	.0133554	.2094950	.1009352
#2	.0202436	.2020890	.2042200	.0130126	.2087064	.1041168
#3	.0200893	.2038472	.2033746	.0133309	.2080783	.1002272

Elem	Sr4077
Units	ppm
Avg	.2089835
Stddev	.0005264
%RSD	.2518890

#1	.2092329
#2	.2083787
#3	.2093388

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1497.534	2502.057	31352.32	5391.641	2722.323
Stddev	10.091	4.482	65.21	42.830	6.627
%RSD	.6738185	.1791394	.2079941	.7943825	.2434475

#1	1486.077	2496.930	31287.28	5342.973	2717.390
#2	1501.424	2505.231	31417.70	5408.363	2729.856
#3	1505.100	2504.010	31351.98	5423.588	2719.723

Sample Name: K4188-03A Acquired: 08/16/2019 16:04:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AH0A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0353852	-.001980	1.187811	.0075122	.1036735	61.01883	.5008241
Stddev	.0035769	.002063	.004026	.0012605	.0018379	.20157	.0028349
%RSD	10.10843	104.1930	.3389142	16.77886	1.772734	.3303387	.5660505

#1	.0350987	-.003090	1.186609	.0065796	.1050440	61.24641	.5039453
#2	.0390967	-.003250	1.184524	.0070109	.1043915	60.94726	.5001181
#3	.0319602	.000400	1.192301	.0089462	.1015850	60.86280	.4984089

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043274	.0010365	8.419207	.0828310	.0123110	.1971585	28.62281
Stddev	.0000918	.0001688	.046689	.0005329	.0003434	.0025874	.07515
%RSD	2.121685	16.28751	.5545550	.6433627	2.789717	1.312328	.2625570

#1	.0044320	.0009240	8.466994	.0833035	.0119758	.1950909	28.66881
#2	.0042902	.0009548	8.416928	.0829363	.0122951	.2000600	28.66354
#3	.0042600	.0012306	8.373699	.0822534	.0126622	.1963247	28.53609

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2020937	6.750695	.0598815	.0001613	.8601807	.2385797	.5250048
Stddev	.0010163	.020188	.0001257	.0004719	.1398490	.0030956	.0011318
%RSD	.5028718	.2990467	.2099734	292.5129	16.25809	1.297523	.2155731

#1	.2025307	6.771767	.0597591	.0005407	.7352269	.2421445	.5241190
#2	.2028183	6.748794	.0600103	.0003104	.8340707	.2370247	.5246156
#3	.2009320	6.731526	.0598752	-.000367	1.011245	.2365698	.5262798

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.641628	1.889972	.0069792	.0053732	6.169297	2.357095	.0094554
Stddev	.055477	.005241	.0004955	.0002223	.027133	.035937	.0006467
%RSD	2.100102	.2773135	7.100201	4.136325	.4398089	1.524617	6.839843

#1	2.683349	1.896012	.0069324	.0051793	6.181104	2.382899	.0090317
#2	2.662866	1.887274	.0074965	.0056158	6.138261	2.372336	.0101998
#3	2.578670	1.886629	.0065088	.0053244	6.188527	2.316049	.0091348

Sample Name: K4188-03A Acquired: 08/16/2019 16:04:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.00000
User: BIN Custom ID1: MC0AH0A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2652484	.0573081	.0629422
Stddev	.0074501	.0008382	.0002260
%RSD	2.808722	1.462657	.3590201

#1	.2735956	.0567772	.0627000
#2	.2592728	.0568727	.0631474
#3	.2628768	.0582744	.0629791

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1661.713	2728.305	34693.71	5995.670	2789.264
Stddev	2.230	4.008	111.33	21.463	6.682
%RSD	.1342162	.1468997	.3208837	.3579704	.2395573

#1	1662.009	2730.187	34611.96	5970.890	2795.537
#2	1663.781	2731.025	34820.50	6008.372	2790.020
#3	1659.350	2723.702	34648.67	6007.749	2782.237

Sample Name: K4216-01A Acquired: 08/16/2019 16:08:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.00000
User: BIN Custom ID1: METOB4A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2260136	.0053923	.1194728	.0112491	.1125129	79.00235
Stddev	.0014257	.0047797	.0017250	.0005805	.0024191	.32435
%RSD	.6307819	88.64018	1.443804	5.160295	2.150063	.4105578

#1	.2273648	.0003727	.1214629	.0108102	.1138356	78.64981
#2	.2261524	.0059148	.1184056	.0119073	.1097209	79.06914
#3	.2245237	.0098893	.1185501	.0110300	.1139822	79.28811

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8954752	.0069241	.0003009	F 852.5646	.1342386	.1278811
Stddev	.0042015	.0001184	.0001242	15.3405	.0005251	.0013308
%RSD	.4691957	1.710458	41.27735	1.799332	.3911576	1.040628

#1	.8913656	.0068597	.0004340	836.8777	.1339843	.1294161
#2	.8952971	.0068518	.0001880	853.2826	.1338892	.1270506
#3	.8997630	.0070608	.0002809	867.5334	.1348425	.1271768

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7318457	216.9513	4.183924	160.3807	.3533603	-.001643
Stddev	.0043369	1.1887	.024877	1.0215	.0034311	.000372
%RSD	.5925979	.5479143	.5945890	.6369471	.9709970	22.65290

#1	.7281035	216.0142	4.165947	159.4740	.3572393	-.002047
#2	.7308348	216.5513	4.173509	160.1806	.3507225	-.001313
#3	.7365987	218.2884	4.212316	161.4875	.3521192	-.001569

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.327814	.1848918	.5672911	18.31056	4.533085	.0943262
Stddev	.145385	.0024808	.0069206	.08228	.022063	.0054821
%RSD	10.94917	1.341752	1.219945	.4493343	.4867033	5.811837

#1	1.479658	.1830821	.5731146	18.27265	4.557678	.0986679
#2	1.313893	.1838736	.5691184	18.25408	4.515031	.0961447
#3	1.189890	.1877197	.5596401	18.40496	4.526547	.0881659

Sample Name: K4216-01A Acquired: 08/16/2019 16:08:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.00000
User: BIN Custom ID1: METOB4A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0691591	67.61441	1.647555	.0009377	.7613007	.2082754
Stddev	.0002041	.53758	.027675	.0022288	.0021927	.0006482
%RSD	.2951371	.7950648	1.679786	237.6992	.2880133	.3112068

#1	.0690184	68.15385	1.627935	-.001435	.7603986	.2079384
#2	.0693932	67.07871	1.635519	.001261	.7597031	.2090227
#3	.0690656	67.61068	1.679210	.002987	.7638005	.2078652

Elem	Sr4077
Units	ppm
Avg	1.233372
Stddev	.001014
%RSD	.0822298

#1	1.232640
#2	1.232946
#3	1.234530

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1596.921	2689.743	34125.95	6071.343	2612.476
Stddev	16.026	22.316	126.67	67.259	27.463
%RSD	1.003529	.8296652	.3711775	1.107813	1.051236

#1	1589.944	2664.025	34158.99	6144.971	2580.766
#2	1585.568	2703.995	33986.03	6055.929	2627.979
#3	1615.253	2701.208	34232.82	6013.128	2628.681

Sample Name: K4259-01 Acquired: 08/16/2019 16:13:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOC7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0641163	.0014257	1.727997	.0091970	.0020163	55.53655	.8576271
Stddev	.0046956	.0031260	.004394	.0024385	.0011792	.19262	.0050716
%RSD	7.323497	219.2579	.2543008	26.51428	58.48286	.3468269	.5913539

#1	.0689534	.0035140	1.731411	.0072904	.0025058	55.39373	.8524831
#2	.0595764	-.002168	1.723039	.0083558	.0028720	55.75562	.8626230
#3	.0638192	.002931	1.729542	.0119448	.0006712	55.46031	.8577752

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064548	.0031742	464.3158	.1009332	.0555519	.2495297	115.5273
Stddev	.0002050	.0001211	2.3063	.0001876	.0002966	.0010469	.4395
%RSD	3.175813	3.815398	.4967001	.1858350	.5338399	.4195662	.3804105

#1	.0062697	.0030625	461.8136	.1011498	.0552301	.2494589	115.4261
#2	.0066751	.0031572	466.3562	.1008268	.0556113	.2485200	116.0086
#3	.0064197	.0033029	464.7776	.1008230	.0558142	.2506103	115.1473

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.865001	181.7182	.1483645	.0011023	1.989562	.1396541	1.262947
Stddev	.013310	.8095	.0007543	.0003991	.212498	.0028038	.017754
%RSD	.4645803	.4454488	.5083751	36.20381	10.68063	2.007671	1.405783

#1	2.855122	181.2088	.1491973	.0007353	2.176316	.1405206	1.279833
#2	2.880137	182.6516	.1477273	.0010445	2.034018	.1365194	1.244436
#3	2.859745	181.2941	.1481691	.0015272	1.758353	.1419224	1.264572

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.947952	3.972843	.0485762	.0096536	5.182748	2.245900	.0358687
Stddev	.062723	.011416	.0025911	.0006677	.028654	.072575	.0012548
%RSD	.9027488	.2873512	5.333989	6.916527	.5528682	3.231451	3.498199

#1	7.000637	3.959692	.0507998	.0103978	5.150566	2.228227	.0373131
#2	6.964650	3.980196	.0457308	.0091069	5.192185	2.325679	.0352443
#3	6.878571	3.978642	.0491981	.0094562	5.205494	2.183793	.0350486

Sample Name: K4259-01 Acquired: 08/16/2019 16:13:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.00000
User: BIN Custom ID1: METOC7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7281181	.0820483	.8168985
Stddev	.0054616	.0014577	.0018418
%RSD	.7500935	1.776572	.2254627

#1	.7314528	.0804225	.8157256
#2	.7310864	.0832385	.8190213
#3	.7218152	.0824838	.8159487

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1595.939	2680.568	33985.03	5947.294	2678.295
Stddev	16.495	1.055	325.47	58.639	4.301
%RSD	1.033586	.0393662	.9576809	.9859715	.1605801

#1	1592.537	2679.676	33731.87	6013.671	2676.588
#2	1613.871	2681.733	34352.15	5902.530	2683.188
#3	1581.410	2680.296	33871.07	5925.679	2675.110

Sample Name: K4259-04 Acquired: 08/16/2019 16:28:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METHOD4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0817605	.0052458	.1287940	.0085373	.0039239	87.43730
Stddev	.0025988	.0025649	.0050814	.0021424	.0026568	.59191
%RSD	3.178566	48.89501	3.945362	25.09460	67.70824	.6769529

#1	.0790979	.0029673	.1343100	.0107202	.0015310	87.93776
#2	.0842905	.0047463	.1277683	.0084538	.0034579	86.78394
#3	.0818930	.0080237	.1243037	.0064379	.0067830	87.59018

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3558082	.0075544	.0007766	F 825.9619	.1463742	.1167895
Stddev	.0049888	.0001437	.0000627	12.8703	.0011228	.0002836
%RSD	1.402090	1.901765	8.071089	1.558217	.7670407	.2428498

#1	.3609196	.0077202	.0008483	834.8829	.1459053	.1166255
#2	.3509519	.0074666	.0007325	811.2079	.1476553	.1166260
#3	.3555531	.0074765	.0007490	831.7950	.1455618	.1171170

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2408485	220.6406	3.642726	153.9715	.3563343	-.001316
Stddev	.0042799	1.7179	.038028	1.4177	.0010628	.000118
%RSD	1.777021	.7785858	1.043935	.9207238	.2982538	8.935190

#1	.2415328	222.0690	3.677705	155.2329	.3560395	-.001415
#2	.2362677	218.7344	3.602248	152.4372	.3554500	-.001186
#3	.2447451	221.1184	3.648225	154.2443	.3575133	-.001348

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8619390	.2032417	.7893379	17.86263	4.854771	.0672356
Stddev	.3203868	.0021852	.0084394	.10205	.037478	.0027947
%RSD	37.17048	1.075153	1.069174	.5713058	.7719816	4.156563

#1	1.149074	.2052953	.7803332	17.95917	4.811742	.0641418
#2	.516349	.2034846	.7970668	17.75585	4.880280	.0695773
#3	.920394	.2009453	.7906136	17.87288	4.872291	.0679877

Sample Name: K4259-04 Acquired: 08/16/2019 16:28:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.00000
User: BIN Custom ID1: METHOD4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0635055	2.197076	3.224430	.0011281	.7357610	.1997594
Stddev	.0004366	.007871	.090509	.0022763	.0080061	.0043943
%RSD	.6875210	.3582466	2.806989	201.7914	1.088142	2.199800

#1	.0630364	2.190240	3.318065	.0037565	.7396732	.2042960
#2	.0639000	2.205681	3.137409	-.000205	.7265510	.1955227
#3	.0635801	2.195308	3.217817	-.000167	.7410589	.1994596

Elem	Sr4077
Units	ppm
Avg	1.031050
Stddev	.005989
%RSD	.5808288

#1	1.030914
#2	1.025130
#3	1.037106

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1638.783	2761.389	35131.07	6227.685	2630.153
Stddev	9.429	2.899	131.33	105.500	1.629
%RSD	.5753531	.1049818	.3738208	1.694042	.0619531

#1	1628.792	2758.156	35006.49	6118.125	2628.314
#2	1640.031	2762.252	35118.50	6328.591	2630.729
#3	1647.525	2763.758	35268.24	6236.339	2631.416

Sample Name: K4243-02 Acquired: 08/16/2019 16:37:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AG7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0463720	-.004311	1.290243	.0104291	.0071024	66.51086	.5038752
Stddev	.0023811	.000529	.003807	.0012986	.0009789	.20745	.0016936
%RSD	5.134672	12.26134	.2950826	12.45205	13.78214	.3119026	.3361054

#1	.0466118	-.004899	1.294426	.0091983	.0059761	66.66727	.5049619
#2	.0486240	-.004160	1.286981	.0117863	.0077474	66.27554	.5019239
#3	.0438801	-.003875	1.289323	.0103026	.0075838	66.58979	.5047398

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023842	.0098157	19.10196	.1165685	.0111678	2.606342	38.32325
Stddev	.0001285	.0001012	.07758	.0004421	.0004505	.014780	.19585
%RSD	5.387656	1.030596	.4061127	.3792852	4.034123	.5670935	.5110519

#1	.0022466	.0098183	19.15954	.1170110	.0107745	2.600613	38.48888
#2	.0025009	.0097133	19.01375	.1165679	.0110696	2.595285	38.10708
#3	.0024052	.0099156	19.13259	.1161267	.0116593	2.623130	38.37378

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2057929	3.845634	.0585531	.0222782	.5034424	.0839794	.9599971
Stddev	.0012287	.043724	.0004382	.0003475	.2393838	.0005523	.0077263
%RSD	.5970623	1.136982	.7484057	1.559888	47.54940	.6577001	.8048228

#1	.2071695	3.796401	.0580844	.0219161	.7288336	.0842010	.9676704
#2	.2048073	3.860563	.0589526	.0223097	.2521692	.0833506	.9522190
#3	.2054017	3.879939	.0586223	.0226090	.5293243	.0843865	.9601019

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.150588	5.612731	.0083936	.0029942	2.692349	1.809297	.0161644
Stddev	.030194	.010803	.0007839	.0002605	.004284	.008927	.0005641
%RSD	1.403976	.1924703	9.339021	8.700062	.1591120	.4933717	3.489859

#1	2.181005	5.620565	.0089064	.0027959	2.697251	1.809418	.0163981
#2	2.120623	5.617220	.0087832	.0032892	2.689324	1.818163	.0155210
#3	2.150135	5.600407	.0074913	.0028975	2.690472	1.800311	.0165741

Sample Name: K4243-02 Acquired: 08/16/2019 16:37:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.00000
User: BIN Custom ID1: MC0AG7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1379614	.0381621	.0947442
Stddev	.0036645	.0013139	.0003074
%RSD	2.656202	3.442987	.3244216

#1	.1390768	.0390758	.0946496
#2	.1409386	.0366563	.0944953
#3	.1338688	.0387541	.0950878

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1607.123	2644.961	33417.74	5781.024	2782.738
Stddev	8.711	4.224	16.88	16.029	2.640
%RSD	.5420031	.1596860	.0505015	.2772681	.0948851

#1	1601.306	2648.844	33436.89	5771.848	2780.337
#2	1617.137	2645.574	33405.07	5799.533	2785.566
#3	1602.925	2640.464	33411.24	5771.692	2782.310

Sample Name: K4243-01 Acquired: 08/16/2019 16:32:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AG5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0260362	-.002870	.1818110	.0089614	.0018620	97.06033	.3469446
Stddev	.0018335	.000634	.0023813	.0014183	.0011202	.03967	.0011811
%RSD	7.042226	22.10513	1.309741	15.82720	60.16105	.0408697	.3404185

#1	.0239213	-.002940	.1809934	.0073369	.0021992	97.04538	.3457457
#2	.0271785	-.003467	.1799462	.0099536	.0027750	97.10529	.3469811
#3	.0270088	-.002204	.1844933	.0095939	.0006120	97.03030	.3481070

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026192	.0001706	8.161344	.1220252	.0141128	.1689795	38.66398
Stddev	.0000653	.0000243	.031284	.0006665	.0005159	.0033819	.14085
%RSD	2.494444	14.22343	.3833234	.5462207	3.655438	2.001343	.3643053

#1	.0026629	.0001432	8.126766	.1223717	.0145291	.1714436	38.56360
#2	.0026507	.0001791	8.169580	.1212568	.0142735	.1651239	38.60333
#3	.0025441	.0001895	8.187687	.1224470	.0135356	.1703710	38.82500

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2663436	6.052241	.0494552	-.000166	.8230306	.1097970	.2491990
Stddev	.0003030	.013159	.0003869	.000356	.0851052	.0005640	.0043202
%RSD	.1137638	.2174285	.7822392	214.2147	10.34046	.5136441	1.733617

#1	.2659943	6.064909	.0492602	.000236	.7732160	.1091498	.2479033
#2	.2665021	6.053174	.0492046	-.000294	.7745774	.1101834	.2540187
#3	.2665345	6.038640	.0499007	-.000441	.9212985	.1100578	.2456749

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.699683	2.730388	.0053559	.0011909	1.782080	3.155718	.0056430
Stddev	.020248	.009259	.0003972	.0002941	.005175	.013873	.0013103
%RSD	.7499983	.3391215	7.415418	24.69954	.2903734	.4395994	23.22036

#1	2.722531	2.719939	.0049533	.0009160	1.777408	3.140188	.0056833
#2	2.692549	2.733650	.0053670	.0015011	1.787642	3.160084	.0043130
#3	2.683967	2.737575	.0057475	.0011555	1.781192	3.166882	.0069328

Sample Name: K4243-01 Acquired: 08/16/2019 16:32:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.00000
User: BIN Custom ID1: MC0AG5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2701441	.0618292	.0381995
Stddev	.0056072	.0028157	.0002289
%RSD	2.075616	4.554064	.5992627

#1	.2644224	.0608743	.0384528
#2	.2703807	.0596151	.0380074
#3	.2756292	.0649982	.0381382

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1624.697	2682.972	33836.49	5875.227	2777.962
Stddev	2.575	6.557	33.19	33.928	4.159
%RSD	.1584815	.2443843	.0981020	.5774671	.1497112

#1	1621.915	2686.919	33844.30	5863.702	2779.056
#2	1625.180	2686.594	33800.08	5913.416	2781.464
#3	1626.996	2675.403	33865.08	5848.563	2773.365

Sample Name: K4243-03 Acquired: 08/16/2019 16:41:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AG7D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0479504	-.002799	1.279769	.0083817	.0073230	65.78093	.5000871
Stddev	.0058345	.001429	.004125	.0011094	.0004929	3.35900	.0269422
%RSD	12.16783	51.04180	.3223454	13.23582	6.730753	5.106341	5.387498

#1	.0546814	-.003904	1.275728	.0079252	.0069828	63.75786	.4865487
#2	.0443354	-.003308	1.279606	.0075733	.0070981	69.65835	.5311136
#3	.0448346	-.001186	1.283974	.0096465	.0078883	63.92660	.4825991

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024453	.0096106	19.09079	.1174541	.0112521	2.729317	42.06375
Stddev	.0001160	.0000569	1.04879	.0005619	.0002186	.129758	2.10133
%RSD	4.741745	.5923347	5.493672	.4783530	1.942751	4.754211	4.995574

#1	.0023623	.0095982	18.52488	.1178562	.0110601	2.648029	40.84696
#2	.0025778	.0095609	20.30097	.1168122	.0112061	2.878962	44.49015
#3	.0023958	.0096727	18.44650	.1176940	.0114900	2.660960	40.85414

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2198762	3.790625	.0614366	.0178648	.5540079	.0809306	.9501079
Stddev	.0109671	.176587	.0004142	.0004972	.1718345	.0045531	.0103485
%RSD	4.987867	4.658527	.6741432	2.783061	31.01662	5.625875	1.089195

#1	.2131177	3.707510	.0615826	.0184388	.6652477	.0763776	.9382148
#2	.2325302	3.993434	.0609692	.0175676	.6406778	.0854837	.9570583
#3	.2139808	3.670931	.0617580	.0175880	.3560982	.0809306	.9550506

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.142212	5.578916	.0082913	.0037918	2.623046	1.922257	.0163135
Stddev	.223442	.015509	.0007331	.0004324	.003547	.091579	.0006656
%RSD	10.43046	.2779960	8.842062	11.40292	.1352200	4.764131	4.080157

#1	2.104047	5.573098	.0074810	.0039393	2.619001	1.851060	.0170373
#2	2.382278	5.596492	.0084844	.0041310	2.625624	2.025567	.0161754
#3	1.940309	5.567156	.0089086	.0033049	2.624512	1.890142	.0157277

Sample Name: K4243-03 Acquired: 08/16/2019 16:41:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.00000
User: BIN Custom ID1: MC0AG7D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1391529	.0375611	.0949890
Stddev	.0080275	.0041795	.0048560
%RSD	5.768856	11.12731	5.112177

#1	.1330148	.0363549	.0917784
#2	.1482373	.0422110	.1005755
#3	.1362065	.0341172	.0926132

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1605.446	2641.235	33678.42	5646.113	2782.964
Stddev	10.289	3.857	48.17	276.829	3.189
%RSD	.6408560	.1460267	.1430199	4.902997	.1145891

#1	1610.795	2637.394	33639.68	5770.094	2786.339
#2	1593.585	2641.205	33732.35	5328.965	2782.552
#3	1611.958	2645.107	33663.22	5839.281	2780.001

Sample Name: K4243-02LX5 Acquired: 08/16/2019 16:49:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AG7L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110628	-.001547	.2540840	.0011632	.0000156	13.28469	.1021893
Stddev	.0033023	.001042	.0014406	.0009310	.0019520	.04324	.0017619
%RSD	29.85022	67.35021	.5669646	80.03206	12503.75	.3255224	1.724134

#1	.0147329	-.001939	.2527198	.0021668	-.000278	13.30128	.1041902
#2	.0101240	-.002335	.2539419	.0009951	.002098	13.23561	.1008703
#3	.0083316	-.000366	.2555904	.0003278	-.001773	13.31719	.1015074

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005211	.0019795	3.811475	.0238876	.0018943	.5371345	7.964301
Stddev	.0000546	.0001155	.047916	.0000967	.0001555	.0019138	.014684
%RSD	10.47018	5.834185	1.257146	.4049075	8.207406	.3562884	.1843725

#1	.0005786	.0019981	3.863371	.0238034	.0019794	.5393038	7.976886
#2	.0005146	.0018559	3.768912	.0238661	.0017149	.5356852	7.948168
#3	.0004700	.0020847	3.802141	.0239933	.0019887	.5364146	7.967848

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0426216	.8023702	.0117452	.0038878	.1251517	.0155762	.1991705
Stddev	.0004665	.0169316	.0003553	.0002237	.1356177	.0008254	.0053443
%RSD	1.094566	2.110194	3.025380	5.753220	108.3626	5.299403	2.683295

#1	.0428485	.8087643	.0119203	.0036325	.1533067	.0147091	.1952040
#2	.0420851	.7831727	.0119789	.0040493	-.022333	.0163524	.1970596
#3	.0429313	.8151736	.0113363	.0039816	.244482	.0156670	.2052479

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4837714	1.186202	-.001827	.0005325	.5595254	.3752038	.0009361
Stddev	.0442888	.007953	.000710	.0005286	.0021591	.0084939	.0012086
%RSD	9.154895	.6704243	38.83698	99.27475	.3858711	2.263795	129.1094

#1	.4338949	1.183926	-.002160	.0007667	.5609764	.3808687	-.000298
#2	.4989249	1.179635	-.002309	-.000073	.5605556	.3793052	.002117
#3	.5184946	1.195044	-.001012	.000904	.5570442	.3654376	.000989

Sample Name: K4243-02LX5 Acquired: 08/16/2019 16:49:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AG7L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0265185	.0041864	.0190608
Stddev	.0007851	.0008430	.0000668
%RSD	2.960498	20.13666	.3506560

#1	.0270771	.0041226	.0191346
#2	.0268576	.0033771	.0190044
#3	.0256209	.0050595	.0190434

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1525.084	2525.453	31709.76	5473.868	2707.233
Stddev	18.428	4.331	246.73	43.075	3.205
%RSD	1.208314	.1714845	.7781021	.7869290	.1183889

#1	1544.076	2521.525	31947.31	5424.855	2708.024
#2	1523.896	2524.737	31727.21	5505.709	2703.706
#3	1507.278	2530.097	31454.77	5491.041	2709.968

Sample Name: K4243-06 Acquired: 08/16/2019 16:57:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AF7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0380214	.0078224	28.23906	.0098588	.0302949	61.31312	.5190175
Stddev	.0013602	.0010313	.08738	.0014709	.0008987	.35411	.0066292
%RSD	3.577355	13.18385	.3094295	14.91953	2.966373	.5775434	1.277270

#1	.0366148	.0078053	28.27885	.0090968	.0293506	61.14678	.5188453
#2	.0381197	.0088622	28.13887	.0115543	.0303943	61.07281	.5124761
#3	.0393298	.0067998	28.29947	.0089252	.0311397	61.71977	.5257312

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053826	.0084449	105.7506	.1326907	.0361961	.9848334	263.1179
Stddev	.0000908	.0001335	1.1573	.0016853	.0003265	.0019772	2.1734
%RSD	1.686868	1.580776	1.094374	1.270080	.9019413	.2007664	.8260220

#1	.0054874	.0085955	105.6147	.1345666	.0364201	.9826112	262.4124
#2	.0053272	.0083978	104.6673	.1313046	.0358216	.9863981	261.3848
#3	.0053332	.0083412	106.9699	.1322010	.0363468	.9854908	265.5564

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.660512	13.58052	.5523424	.0001260	.3232502	.5194029	2.426254
Stddev	.014690	.09003	.0011213	.0000922	.3131312	.0082936	.033850
%RSD	.8846954	.6629245	.2030009	73.19596	96.86962	1.596758	1.395169

#1	1.656936	13.59126	.5531733	.0000535	.3694051	.5123009	2.399081
#2	1.647941	13.48560	.5510670	.0002298	-.010397	.5173901	2.464173
#3	1.676661	13.66469	.5527867	.0000947	.610742	.5285176	2.415509

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.693410	3.053084	.0512423	.0103231	4.869046	1.382281	.0452071
Stddev	.025707	.005743	.0063663	.0006827	.026468	.027297	.0006963
%RSD	.2957035	.1881109	12.42393	6.613841	.5435978	1.974766	1.540326

#1	8.667101	3.048508	.0441342	.0095818	4.881197	1.395576	.0459721
#2	8.718469	3.051214	.0564200	.0104615	4.838684	1.350884	.0446101
#3	8.694660	3.059528	.0531727	.0109261	4.887257	1.400384	.0450390

Sample Name: K4243-06 Acquired: 08/16/2019 16:57:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.00000
User: BIN Custom ID1: MC0AF7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6614145	.0791853	.2268745
Stddev	.0051168	.0011456	.0000744
%RSD	.7736177	1.446759	.0328166

#1	.6580819	.0783013	.2268559
#2	.6588556	.0787751	.2269565
#3	.6673060	.0804795	.2268111

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1578.836	2613.928	33247.36	5691.549	2756.953
Stddev	18.109	7.715	279.24	51.485	13.005
%RSD	1.146988	.2951505	.8398837	.9045949	.4717239

#1	1580.619	2617.125	33295.05	5659.301	2757.245
#2	1559.901	2619.530	32947.35	5750.926	2769.810
#3	1595.987	2605.128	33499.68	5664.420	2743.805

Sample Name: K4243-05 Acquired: 08/16/2019 16:53:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AJ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087317	-.003255	.1098457	.0073486	-.000534	36.73139	.2851205
Stddev	.0016653	.003036	.0014387	.0020655	.001089	.14614	.0029294
%RSD	19.07174	93.24410	1.309759	28.10782	204.0055	.3978557	1.027428

#1	.0079325	-.001273	.1112188	.0057762	-.001763	36.84890	.2884596
#2	.0076165	-.001744	.1083493	.0065817	.000310	36.77752	.2839190
#3	.0106459	-.006750	.1099688	.0096879	-.000148	36.56776	.2829828

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013660	.0000002	2.477523	.0358050	.0058383	.0256075	7.967079
Stddev	.0000729	.0000616	.034552	.0007015	.0001927	.0013391	.028733
%RSD	5.339089	26774.19	1.394622	1.959337	3.300799	5.229276	.3606512

#1	.0014414	-.000070	2.515672	.0354913	.0056348	.0269573	7.996964
#2	.0012959	.000024	2.468564	.0353151	.0060181	.0255859	7.964618
#3	.0013606	.000046	2.448333	.0366087	.0058620	.0242794	7.939655

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0369106	1.550621	.0256401	-.000281	.0712689	.0478271	.0721917
Stddev	.0001914	.034615	.0003671	.000132	.2216035	.0016050	.0023427
%RSD	.5185620	2.232314	1.431718	47.06882	310.9399	3.355847	3.245119

#1	.0370126	1.582292	.0255048	-.000158	-.151567	.0461226	.0709425
#2	.0370294	1.555901	.0253599	-.000265	.073755	.0493095	.0748943
#3	.0366898	1.513670	.0260557	-.000421	.291619	.0480493	.0707384

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8890302	2.167828	.0021235	.0010914	4.057935	2.075489	.0044155
Stddev	.0165966	.009461	.0003564	.0005069	.010276	.044002	.0011240
%RSD	1.866820	.4364163	16.78506	46.44385	.2532200	2.120077	25.45519

#1	.8710902	2.170893	.0017152	.0005101	4.056319	2.123441	.0031490
#2	.9038366	2.157215	.0023725	.0013228	4.048563	2.066061	.0048033
#3	.8921638	2.175376	.0022828	.0014412	4.068923	2.036965	.0052943

Sample Name: K4243-05 Acquired: 08/16/2019 16:53:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.00000
User: BIN Custom ID1: MC0AJ3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1072383	.0128512	.0375280
Stddev	.0011566	.0014427	.0000550
%RSD	1.078546	11.22591	.1466246

#1	.1061162	.0141263	.0374932
#2	.1084266	.0112853	.0375914
#3	.1071721	.0131420	.0374993

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1612.151	2642.389	33546.35	5749.013	2790.615
Stddev	8.983	8.380	268.96	65.445	4.744
%RSD	.5571863	.3171371	.8017469	1.138366	.1700005

#1	1617.906	2632.752	33796.10	5676.170	2785.214
#2	1601.800	2647.963	33261.61	5768.016	2794.106
#3	1616.746	2646.451	33581.33	5802.854	2792.526

Sample Name: CCB045 Acquired: 08/16/2019 17:09:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB045 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021424	.0014255	.0000113	.0003956	-.002029	.0142120	.0012634
Stddev	.0003982	.0013264	.0015848	.0017172	.000745	.0052107	.0002894
%RSD	18.58510	93.04937	13988.69	434.0366	36.71714	36.66374	22.90647

#1	.0016863	.0017769	.0007437	-.001430	-.001388	.0197888	.0012334
#2	.0024204	-.000041	-.001807	.000638	-.002846	.0133797	.0009901
#3	.0023206	.002541	.001097	.001979	-.001852	.0094676	.0015666

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000900	.0000524	.0128987	.0006073	.0000785	.0050353	.0279334
Stddev	.0000727	.0001001	.0058795	.0008289	.0001151	.0017610	.0131242
%RSD	80.74563	190.9162	45.58187	136.4841	146.4949	34.97235	46.98392

#1	.0001515	-.000034	.0173517	.0014752	.0002114	.0068038	.0424598
#2	.0000098	.000029	.0062342	-.000176	.0000153	.0032820	.0244095
#3	.0001088	.000162	.0151104	.000523	.0000090	.0050202	.0169309

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007479	.0409207	.0005644	.0000325	.1182282	-.001910	.0020345
Stddev	.0003179	.0112803	.0002951	.0003212	.1139791	.002397	.0011635
%RSD	42.50877	27.56631	52.28349	987.8260	96.40601	125.5391	57.18742

#1	.0003947	.0343933	.0006936	-.000334	.1008769	.000797	.0030909
#2	.0010112	.0344228	.0002267	.000266	.0139196	-.003766	.0007875
#3	.0008378	.0539461	.0007728	.000165	.2398880	-.002759	.0022252

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2103479	-.001833	.0055798	.0002401	-.001446	-.000928	.0000404
Stddev	.0879984	.000772	.0002560	.0001945	.003397	.000642	.0014061
%RSD	41.83468	42.10434	4.587085	81.01066	234.9969	69.25024	3482.023

#1	.3104551	-.001144	.0057484	.0000521	.000233	-.001611	.0006113
#2	.1452067	-.001688	.0052853	.0004405	-.005356	-.000837	.0010712
#3	.1753821	-.002667	.0057056	.0002277	.000786	-.000336	-.001561

Sample Name: CCB045 Acquired: 08/16/2019 17:09:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.00000
 User: BIN Custom ID1: CCB045 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005667	.0017784	.0002747
Stddev	.0004849	.0015522	.0000617
%RSD	85.56930	87.27645	22.47404

#1	.0002785	.0002485	.0002410
#2	.0011265	.0017349	.0003459
#3	.0002950	.0033519	.0002371

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1503.301	2485.901	31211.38	5299.767	2658.633
Stddev	14.321	7.179	317.28	50.706	9.652
%RSD	.9526177	.2887977	1.016562	.9567598	.3630504

#1	1490.708	2489.444	31012.20	5246.148	2663.900
#2	1518.879	2477.639	31577.26	5306.207	2647.494
#3	1500.316	2490.620	31044.67	5346.945	2664.507

Sample Name: CCV045 Acquired: 08/16/2019 17:05:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.00000
User: BIN Custom ID1: CCV045 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.842436	5.088463	24.66984	4.832589	4.836475	404.0203	10.08370
Stddev	.010534	.001584	.07247	.015978	.009496	4.1612	.06568
%RSD	.2175290	.0311295	.2937484	.3306403	.1963420	1.029952	.6513883

#1	4.853799	5.087856	24.58988	4.840509	4.837595	400.2851	10.02775
#2	4.832996	5.090261	24.68843	4.814197	4.826468	408.5055	10.15602
#3	4.840514	5.087273	24.73119	4.843060	4.845361	403.2704	10.06731

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5050339	2.413943	409.2622	15.24277	2.476646	14.98633	414.6029
Stddev	.0018979	.004718	2.5017	.02869	.006749	.12698	3.4499
%RSD	.3758041	.1954628	.6112802	.1881901	.2725015	.8473199	.8321014

#1	.5035240	2.408515	406.6388	15.26991	2.468853	14.84052	410.6367
#2	.5071645	2.416246	411.6212	15.24566	2.480541	15.07259	416.9079
#3	.5044133	2.417067	409.5265	15.21276	2.480544	15.04589	416.2642

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.94339	404.7925	2.505218	1.261268	403.5177	2.483815	14.66460
Stddev	.10801	3.5203	.003518	.009757	3.2922	.008930	.04433
%RSD	.7227727	.8696673	.1404392	.7735531	.8158711	.3595346	.3022858

#1	14.81910	400.7802	2.501160	1.258652	400.0951	2.473982	14.61365
#2	15.01448	407.3634	2.507416	1.272066	406.6617	2.491422	14.68584
#3	14.99658	406.2339	2.507077	1.253087	403.7962	2.486040	14.69432

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.7330	5.151227	5.027047	4.847120	4.968626	5.036600	5.004863
Stddev	.9757	.008061	.030684	.003835	.007443	.017275	.009319
%RSD	.6388175	.1564813	.6103813	.0791279	.1497927	.3429949	.1861950

#1	151.6159	5.160045	5.000523	4.848585	4.960286	5.030387	4.996648
#2	153.4181	5.144239	5.060653	4.842768	4.971000	5.056122	5.002952
#3	153.1649	5.149396	5.019965	4.850008	4.974592	5.023291	5.014989

Sample Name: CCV045 Acquired: 08/16/2019 17:05:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.00000
User: BIN Custom ID1: CCV045 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.961679	5.001876	4.933198
Stddev	.036841	.030983	.003049
%RSD	.7425209	.6194179	.0618119

#1	4.919187	4.974281	4.932355
#2	4.984694	5.035392	4.936580
#3	4.981156	4.995954	4.930658

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1298.968	2251.292	29510.40	5140.679	2602.282
Stddev	6.775	2.488	162.83	33.252	6.513
%RSD	.5215852	.1105362	.5517723	.6468384	.2502827

#1	1302.048	2254.101	29575.43	5171.494	2609.776
#2	1291.199	2250.411	29325.11	5105.435	2597.981
#3	1303.655	2249.363	29630.67	5145.109	2599.090

Sample Name: K4243-07 Acquired: 08/16/2019 17:13:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.00000
User: BIN Custom ID1: MC0AH1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0142435	-.002766	3.672916	.0083535	.0045008	42.44790	.2957063
Stddev	.0045629	.000977	.007879	.0006480	.0009347	.15332	.0042558
%RSD	32.03456	35.30688	.2145235	7.756951	20.76666	.3611856	1.439207

#1	.0090845	-.002630	3.670220	.0076064	.0054244	42.35345	.2931399
#2	.0177493	-.001865	3.666738	.0086915	.0035555	42.62479	.3006188
#3	.0158969	-.003804	3.681789	.0087626	.0045226	42.36544	.2933601

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015615	.0029385	12.92584	.0469621	.0052860	.3238661	17.18821
Stddev	.0000859	.0000148	.15260	.0004295	.0003364	.0032262	.06993
%RSD	5.497834	.5043246	1.180597	.9146133	6.363377	.9961479	.4068716

#1	.0015994	.0029233	12.83489	.0466774	.0051865	.3259409	17.11101
#2	.0016218	.0029529	13.10202	.0467527	.0050105	.3255081	17.24733
#3	.0014632	.0029393	12.84060	.0474562	.0056609	.3201492	17.20629

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1023884	2.872642	.0458812	.0002551	.2727192	.3986172	.6019998
Stddev	.0008215	.024592	.0002734	.0004171	.2765703	.0033645	.0074902
%RSD	.8023336	.8560698	.5957981	163.4764	101.4121	.8440308	1.244226

#1	.1017727	2.867894	.0457762	-.000182	.2815215	.3952755	.6087528
#2	.1033212	2.899261	.0461915	.000649	-.008147	.4020040	.5939434
#3	.1020713	2.850770	.0456759	.000299	.544783	.3985721	.6033033

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.804367	1.552850	.0077639	.0051003	5.408848	2.258813	.0075756
Stddev	.044798	.004324	.0005058	.0003947	.027106	.060224	.0017261
%RSD	2.482754	.2784676	6.514437	7.739039	.5011436	2.666191	22.78527

#1	1.758361	1.549992	.0074059	.0048919	5.399447	2.205251	.0069229
#2	1.847851	1.550732	.0075433	.0048535	5.387694	2.324003	.0062711
#3	1.806889	1.557824	.0083425	.0055556	5.439403	2.247186	.0095330

Sample Name: K4243-07 Acquired: 08/16/2019 17:13:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.00000
User: BIN Custom ID1: MC0AH1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1504263	.0378864	.0658158
Stddev	.0027932	.0013583	.0001643
%RSD	1.856846	3.585323	.2495720

#1	.1528789	.0370557	.0659129
#2	.1510140	.0394539	.0659083
#3	.1473860	.0371495	.0656262

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1600.756	2635.768	33423.91	5755.646	2774.167
Stddev	16.898	8.490	358.07	57.119	6.244
%RSD	1.055606	.3220989	1.071297	.9923972	.2250928

#1	1581.244	2638.679	33065.25	5784.571	2777.162
#2	1610.501	2642.420	33781.39	5689.851	2778.351
#3	1610.522	2626.206	33425.10	5792.516	2766.990

Sample Name: K4243-08 Acquired: 08/16/2019 17:17:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AH2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0132249	-.004069	1.414621	.0088914	.0029268	57.52949	.3676069
Stddev	.0032161	.001670	.003241	.0005375	.0006719	.41413	.0062604
%RSD	24.31849	41.03768	.2290860	6.044717	22.95497	.7198537	1.703018

#1	.0137992	-.004445	1.411678	.0094697	.0023406	57.07530	.3604721
#2	.0161151	-.002244	1.414090	.0084072	.0027800	57.62703	.3701674
#3	.0097603	-.005519	1.418094	.0087974	.0036600	57.88614	.3721813

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017502	.0019520	8.486887	.0582353	.0057676	.1895080	16.97699
Stddev	.0000152	.0000387	.139174	.0002851	.0001054	.0011563	.13879
%RSD	.8669002	1.981067	1.639873	.4895200	1.827214	.6101621	.8175077

#1	.0017329	.0019951	8.334734	.0582187	.0056554	.1888883	16.82408
#2	.0017564	.0019405	8.518171	.0579589	.0058645	.1908420	17.01189
#3	.0017612	.0019204	8.607757	.0585283	.0057829	.1887936	17.09500

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0733587	2.653641	.0359675	.0001778	.6425852	.1986498	.3417479
Stddev	.0012177	.031121	.0008496	.0003840	.3383103	.0015225	.0053217
%RSD	1.659856	1.172756	2.362233	216.0049	52.64832	.7664065	1.557202

#1	.0720959	2.617733	.0358905	-.000257	.3360726	.1969857	.3469534
#2	.0734547	2.672793	.0351590	.000319	1.005583	.1989908	.3419733
#3	.0745255	2.670398	.0368530	.000471	.586100	.1999728	.3363171

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.792909	1.110011	.0059066	.0021615	4.512916	2.676461	.0048580
Stddev	.043483	.005373	.0007712	.0003686	.005629	.064448	.0010995
%RSD	2.425271	.4840170	13.05658	17.05506	.1247238	2.407969	22.63368

#1	1.750041	1.113812	.0064936	.0021332	4.506977	2.602581	.0051723
#2	1.836982	1.103864	.0061930	.0025435	4.518172	2.721143	.0057662
#3	1.791703	1.112355	.0050332	.0018078	4.513599	2.705658	.0036355

Sample Name: K4243-08 Acquired: 08/16/2019 17:17:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.00000
User: BIN Custom ID1: MC0AH2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1489373	.0510592	.0488722
Stddev	.0011399	.0012284	.0001060
%RSD	.7653418	2.405911	.2168849

#1	.1496984	.0497132	.0489411
#2	.1476268	.0521199	.0487502
#3	.1494867	.0513445	.0489254

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1601.270	2638.385	33434.28	5696.863	2767.749
Stddev	9.194	3.210	151.77	70.393	4.785
%RSD	.5741873	.1216543	.4539337	1.235643	.1728975

#1	1591.596	2642.090	33267.92	5777.158	2770.911
#2	1609.895	2636.622	33469.74	5667.656	2762.244
#3	1602.319	2636.444	33565.18	5645.775	2770.093

Sample Name: K4243-09 Acquired: 08/16/2019 17:21:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.00000
User: BIN Custom ID1: MC0AF5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0482494	.0107034	18.47411	.0163252	.0304845	61.10514
Stddev	.0001058	.0003808	.05125	.0026360	.0008548	.35976
%RSD	.2192308	3.557399	.2774078	16.14670	2.804166	.5887500

#1	.0483480	.0106773	18.46782	.0173486	.0313792	60.69071
#2	.0481377	.0110965	18.42630	.0182961	.0296761	61.28755
#3	.0482624	.0103363	18.52821	.0133310	.0303981	61.33715

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6975192	.0066161	.0159018	71.13886	.2817570	.0446746
Stddev	.0065404	.0000755	.0000927	.70177	.0009586	.0002798
%RSD	.9376663	1.140655	.5827680	.9864767	.3402246	.6263314

#1	.6899672	.0066271	.0159866	70.33053	.2813210	.0444696
#2	.7012437	.0066854	.0158029	71.59241	.2828561	.0449934
#3	.7013466	.0065357	.0159160	71.49362	.2810938	.0445608

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.683047	372.9490	2.239801	11.16905	.4198615	-.000177
Stddev	.008519	1.8434	.016372	.04426	.0007543	.000213
%RSD	.5061467	.4942901	.7309554	.3963157	.1796478	120.2163

#1	1.677431	370.8465	2.221079	11.11800	.4193072	-.000411
#2	1.678861	374.2882	2.251437	11.19251	.4207204	-.000125
#3	1.692848	373.7122	2.246885	11.19665	.4195569	.000005

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.088421	.3323755	4.800673	3.561399	F 11.15370	.0767904
Stddev	.038693	.0049719	.017965	.087277	.05523	.0061455
%RSD	43.75970	1.495858	.3742190	2.450634	.4952044	8.002967

#1	-.077461	.3267154	4.819913	3.495624	11.20784	.0742569
#2	-.131412	.3360375	4.784337	3.528162	11.09744	.0837977
#3	-.056391	.3343735	4.797769	3.660411	11.15581	.0723167

Sample Name: K4243-09 Acquired: 08/16/2019 17:21:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.00000
User: BIN Custom ID1: MC0AF5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0165120	3.127297	2.035785	.2240430	.4310599	.0553834
Stddev	.0003565	.016679	.036230	.0008498	.0023439	.0004027
%RSD	2.159279	.5333379	1.779667	.3792916	.5437549	.7270591

#1	.0161211	3.137887	1.995920	.2230657	.4293395	.0558405
#2	.0168195	3.108071	2.066704	.2244549	.4337295	.0550810
#3	.0165952	3.135934	2.044731	.2246083	.4301106	.0552287

Elem	Sr4077
Units	ppm
Avg	.2291137
Stddev	.0007151
%RSD	.3121026

#1	.2295492
#2	.2282885
#3	.2295035

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1605.669	2665.157	33830.77	5809.719	2755.132
Stddev	16.271	6.692	322.35	34.055	6.634
%RSD	1.013328	.2511075	.9528327	.5861793	.2407756

#1	1596.607	2660.114	33684.42	5819.522	2751.791
#2	1624.452	2672.750	34200.33	5837.798	2762.772
#3	1595.946	2662.608	33607.56	5771.837	2750.834

Sample Name: K4243-10 Acquired: 08/16/2019 17:25:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.00000
User: BIN Custom ID1: MC0AF6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0480060	.0032573	27.00771	.0111847	.0418645	72.00875	.8074383
Stddev	.0006051	.0004330	.03664	.0019667	.0015767	.18091	.0053601
%RSD	1.260529	13.29318	.1356508	17.58381	3.766088	.2512321	.6638426

#1	.0487020	.0030596	27.02039	.0132969	.0433989	72.12791	.8095882
#2	.0477120	.0037539	27.03632	.0094062	.0419458	71.80058	.8013370
#3	.0476041	.0029585	26.96641	.0108509	.0402488	72.09775	.8113898

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047322	.0130810	75.48651	.2667192	.0393261	1.041957	199.2353
Stddev	.0001420	.0000377	.60738	.0006978	.0002523	.002971	.7521
%RSD	3.000237	.2880886	.8046270	.2616145	.6414770	.2851164	.3774716

#1	.0047106	.0130429	75.72752	.2662790	.0396026	1.039491	199.3462
#2	.0046022	.0130820	74.79561	.2663548	.0391084	1.041124	198.4339
#3	.0048837	.0131182	75.93641	.2675237	.0392675	1.045255	199.9257

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.391990	35.10377	.3763374	.0071000	.4573356	.2492981	5.011412
Stddev	.007550	.17866	.0007994	.0000392	.1652589	.0007530	.037698
%RSD	.5424091	.5089400	.2124089	.5517884	36.13514	.3020566	.7522494

#1	1.392186	35.07285	.3767586	.0071354	.6063482	.2493424	4.996492
#2	1.384344	34.94260	.3754155	.0070579	.4860618	.2500280	5.054287
#3	1.399440	35.29587	.3768381	.0071066	.2795969	.2485239	4.983458

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.106074	3.006913	.0516949	.0090589	3.958727	1.676354	.1117117
Stddev	.123819	.007342	.0027511	.0001357	.004841	.026319	.0011183
%RSD	1.742434	.2441585	5.321794	1.497756	.1222848	1.570044	1.001016

#1	7.049145	3.000138	.0521801	.0091016	3.953695	1.690588	.1118004
#2	7.020958	3.005887	.0541711	.0091680	3.963351	1.645983	.1105518
#3	7.248118	3.014713	.0487335	.0089070	3.959134	1.692492	.1127830

Sample Name: K4243-10 Acquired: 08/16/2019 17:25:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.00000
User: BIN Custom ID1: MC0AF6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5257753	.0674733	.2732090
Stddev	.0014635	.0015427	.0008046
%RSD	.2783492	2.286318	.2944855

#1	.5253656	.0673168	.2740010
#2	.5245604	.0660149	.2723925
#3	.5274000	.0690882	.2732335

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1594.486	2642.229	33368.72	5763.977	2767.068
Stddev	4.561	3.598	150.98	48.722	4.280
%RSD	.2860203	.1361861	.4524684	.8452891	.1546738

#1	1592.717	2638.170	33531.80	5747.491	2762.150
#2	1591.075	2645.026	33233.80	5818.804	2769.949
#3	1599.666	2643.491	33340.56	5725.637	2769.105

Sample Name: K4243-12 Acquired: 08/16/2019 17:33:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AJ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0233643	.0022961	.8203575	.0120363	.0035899	53.32237	.2958114
Stddev	.0009495	.0017352	.0024380	.0006023	.0015395	.20263	.0039797
%RSD	4.063842	75.56946	.2971929	5.004009	42.88593	.3800094	1.345341

#1	.0224074	.0002978	.8178163	.0113408	.0053423	53.11466	.2912455
#2	.0243062	.0031694	.8205788	.0123877	.0029722	53.33294	.2976447
#3	.0233794	.0034212	.8226773	.0123804	.0024550	53.51951	.2985440

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035164	.0001036	14.03443	.0986393	.0166418	.2199394	138.7616
Stddev	.0000379	.0001239	.07755	.0013465	.0002475	.0025055	.4247
%RSD	1.078759	119.6524	.5525748	1.365042	1.487044	1.139159	.3060878

#1	.0035365	-.000039	13.94859	.0981607	.0164135	.2226650	138.3808
#2	.0035401	.000164	14.09943	.1001597	.0166070	.2194165	138.6843
#3	.0034727	.000186	14.05527	.0975975	.0169048	.2177366	139.2197

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4148206	4.833903	.0708004	-.000378	.0894644	.0997022	.6650250
Stddev	.0011862	.048029	.0008762	.000365	.1607790	.0018784	.0051733
%RSD	.2859524	.9935861	1.237541	96.51184	179.7128	1.883997	.7779046

#1	.4142643	4.778449	.0697942	-.000016	.1985436	.1003599	.6603070
#2	.4140147	4.862276	.0712119	-.000746	-.095176	.0975834	.6642111
#3	.4161827	4.860984	.0713950	-.000373	.165025	.1011633	.6705570

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.881165	2.434232	.0271029	.0109200	4.932986	2.111265	.0348650
Stddev	.024643	.005607	.0018573	.0001136	.005386	.013238	.0011878
%RSD	.8553276	.2303396	6.852594	1.040529	.1091749	.6270337	3.406938

#1	2.875989	2.434681	.0271787	.0108963	4.937775	2.120660	.0362363
#2	2.907986	2.428414	.0252089	.0110436	4.927156	2.096125	.0342044
#3	2.859522	2.439601	.0289211	.0108201	4.934026	2.117010	.0341543

Sample Name: K4243-12 Acquired: 08/16/2019 17:33:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.00000
User: BIN Custom ID1: MC0AJ0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2257303	.0350482	.0575803
Stddev	.0005244	.0001747	.0001322
%RSD	.2323111	.4986125	.2295569

#1	.2253889	.0348835	.0574353
#2	.2254679	.0352315	.0576115
#3	.2263341	.0350298	.0576941

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1596.555	2648.130	33421.62	5786.880	2780.742
Stddev	23.829	4.331	419.43	40.211	7.698
%RSD	1.492547	.1635402	1.254959	.6948616	.2768180

#1	1620.799	2647.978	33817.93	5832.853	2787.351
#2	1573.163	2652.534	32982.38	5769.530	2782.585
#3	1595.703	2643.877	33464.55	5758.257	2772.290

Sample Name: K4243-11 Acquired: 08/16/2019 17:29:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AF9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0396669	.0000904	8.433659	.0101200	.0091489	84.70184	.5208844
Stddev	.0008372	.0011702	.013673	.0017767	.0010112	.19637	.0028153
%RSD	2.110647	1293.909	.1621274	17.55655	11.05281	.2318327	.5404910

#1	.0406314	.0004641	8.421812	.0111583	.0101918	84.53104	.5196550
#2	.0392421	-.001221	8.430543	.0111333	.0081727	84.91639	.5241054
#3	.0391272	.001028	8.448621	.0080685	.0090822	84.65809	.5188929

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033010	.0112932	70.57093	.1922922	.0178538	1.062151	75.17783
Stddev	.0000922	.0000451	.47490	.0030231	.0001318	.004229	.46828
%RSD	2.794086	.3990647	.6729369	1.572151	.7384626	.3981128	.6228955

#1	.0032760	.0112432	70.25231	.1914467	.0177278	1.059392	74.66500
#2	.0032238	.0113306	71.11675	.1956481	.0179908	1.060041	75.58269
#3	.0034031	.0113059	70.34374	.1897819	.0178428	1.067019	75.28580

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5813095	7.832070	.0923667	.0005077	.7630548	.2195638	1.622659
Stddev	.0022035	.105623	.0004180	.0005554	.2570787	.0022868	.010671
%RSD	.3790646	1.348600	.4525139	109.4139	33.69072	1.041531	.6576165

#1	.5793105	7.714521	.0920169	.0010486	.9533915	.2190617	1.616148
#2	.5836723	7.862687	.0922536	-.000061	.8651639	.2175697	1.634974
#3	.5809458	7.919003	.0928296	.000536	.4706090	.2220599	1.616855

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.435653	1.883918	.0161811	.0033053	3.150892	2.224323	.0252299
Stddev	.028903	.010726	.0008050	.0002526	.006834	.015467	.0009318
%RSD	.5317214	.5693270	4.975002	7.642991	.2168894	.6953513	3.693224

#1	5.462002	1.891187	.0161779	.0030603	3.155894	2.206666	.0256608
#2	5.440218	1.871599	.0153777	.0035649	3.153677	2.235475	.0241606
#3	5.404740	1.888968	.0169877	.0032907	3.143106	2.230828	.0258682

Sample Name: K4243-11 Acquired: 08/16/2019 17:29:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.00000
User: BIN Custom ID1: MC0AF9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3248524	.0559181	.1596735
Stddev	.0025716	.0005622	.0002411
%RSD	.7916144	1.005463	.1510090

#1	.3238892	.0552935	.1596327
#2	.3277665	.0563837	.1594553
#3	.3229015	.0560772	.1599324

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1602.301	2652.270	33664.27	5812.100	2778.655
Stddev	21.076	5.385	541.18	43.565	8.271
%RSD	1.315345	.2030251	1.607583	.7495605	.2976659

#1	1621.884	2649.602	33911.68	5856.875	2778.115
#2	1579.997	2658.468	33043.60	5769.855	2787.183
#3	1605.023	2648.740	34037.52	5809.570	2770.667

Sample Name: K4243-14 Acquired: 08/16/2019 17:51:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AJ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0248971	-.002904	.2667180	.0071354	-.001279	92.80982	.5020775
Stddev	.0005895	.002112	.0037115	.0017236	.001041	.29482	.0028785
%RSD	2.367698	72.72219	1.391537	24.15580	81.33263	.3176567	.5733195

#1	.0254068	-.005093	.2626162	.0082845	-.001536	93.13378	.5051816
#2	.0242516	-.002739	.2698444	.0051535	-.000134	92.73840	.5015547
#3	.0250330	-.000879	.2676935	.0079682	-.002167	92.55727	.4994963

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039356	.0011303	19.00702	.1408718	.0325366	.1040727	64.72686
Stddev	.0001077	.0001263	.14036	.0006543	.0001489	.0011730	.14224
%RSD	2.736062	11.17369	.7384671	.4644791	.4575518	1.127103	.2197546

#1	.0038928	.0011730	19.15750	.1406518	.0327063	.1054271	64.84222
#2	.0040580	.0012297	18.98393	.1403558	.0324279	.1034120	64.77043
#3	.0038558	.0009882	18.87964	.1416077	.0324756	.1033791	64.56793

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4193548	8.642365	.0857662	-.000281	.5087413	.1822699	.5138459
Stddev	.0009813	.004213	.0003459	.000417	.1452956	.0024751	.0031936
%RSD	.2340141	.0487489	.4032778	148.4876	28.55982	1.357923	.6215180

#1	.4202500	8.645995	.0861289	-.000048	.3789397	.1836781	.5121572
#2	.4195087	8.637745	.0854400	-.000762	.4815853	.1837195	.5118510
#3	.4183055	8.643355	.0857299	-.000032	.6656990	.1794120	.5175293

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.055788	3.050821	.0127733	.0024434	3.012474	2.389362	.0072950
Stddev	.041200	.013706	.0008047	.0003367	.005755	.026726	.0023132
%RSD	1.015822	.4492444	6.300079	13.78049	.1910402	1.118544	31.70977

#1	4.008338	3.041665	.0127353	.0023082	3.007341	2.389073	.0046308
#2	4.076541	3.044221	.0119883	.0021953	3.018695	2.416231	.0084613
#3	4.082483	3.066578	.0135964	.0028267	3.011384	2.362782	.0087929

Sample Name: K4243-14 Acquired: 08/16/2019 17:51:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.00000
User: BIN Custom ID1: MC0AJ2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4020232	.0626773	.1062848
Stddev	.0070980	.0020068	.0005227
%RSD	1.765576	3.201825	.4918201

#1	.3984651	.0628112	.1067558
#2	.3974079	.0646137	.1057224
#3	.4101965	.0606068	.1063763

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1618.167	2685.977	34024.32	5831.655	2771.824
Stddev	5.079	4.093	110.36	27.918	.841
%RSD	.3138837	.1523872	.3243553	.4787247	.0303395

#1	1621.295	2684.785	34109.08	5800.825	2771.629
#2	1620.899	2682.612	34064.35	5838.915	2771.097
#3	1612.306	2690.533	33899.53	5855.226	2772.745

Sample Name: K4243-13 Acquired: 08/16/2019 17:37:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AJ1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0370351	-.000237	4.850045	.0115068	.0058933	126.9927	.8996479
Stddev	.0009294	.001498	.008941	.0009619	.0025332	.6152	.0107829
%RSD	2.509482	632.5800	.1843538	8.359298	42.98456	.4844671	1.198572

#1	.0375151	-.000978	4.859212	.0120177	.0043300	126.3271	.8898696
#2	.0359639	.001487	4.841348	.0103972	.0045338	127.5406	.9112124
#3	.0376264	-.001219	4.849576	.0121054	.0088160	127.1104	.8978617

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053203	.0094565	40.57502	.2200055	.0397734	.8092805	118.4393
Stddev	.0001567	.0001834	.45725	.0009885	.0001963	.0036344	.8405
%RSD	2.944344	1.939735	1.126931	.4493020	.4934165	.4490840	.7096885

#1	.0051456	.0096402	40.19494	.2189034	.0395716	.8051530	117.5396
#2	.0054484	.0092733	41.08245	.2208136	.0397848	.8120008	119.2044
#3	.0053668	.0094560	40.44767	.2202995	.0399636	.8106878	118.5738

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.062669	17.00534	.2830952	.0045939	.7114777	.3202221	2.798741
Stddev	.008495	.11863	.0015075	.0001504	.0377127	.0055797	.008188
%RSD	.7993585	.6976099	.5325014	3.274340	5.300609	1.742456	.2925524

#1	1.055202	16.88826	.2837807	.0047422	.6743845	.3137826	2.807866
#2	1.071911	17.12546	.2841382	.0044414	.7102679	.3232605	2.792037
#3	1.060894	17.00230	.2813668	.0045982	.7497807	.3236231	2.796320

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.490754	4.178585	.0278365	.0072020	3.853788	2.568856	.0443622
Stddev	.058179	.020454	.0028599	.0005237	.004144	.029104	.0013163
%RSD	.6130119	.4894997	10.27389	7.271472	.1075391	1.132966	2.967202

#1	9.426621	4.198097	.0302772	.0066737	3.858502	2.537288	.0451751
#2	9.540143	4.180354	.0246897	.0072115	3.852145	2.574659	.0450679
#3	9.505498	4.157304	.0285427	.0077209	3.850717	2.594622	.0428435

Sample Name: K4243-13 Acquired: 08/16/2019 17:37:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.00000
User: BIN Custom ID1: MC0AJ1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5720648	.1084913	.1845106
Stddev	.0042880	.0011452	.0004105
%RSD	.7495674	1.055609	.2224725

#1	.5681478	.1081434	.1841096
#2	.5714003	.1097702	.1844923
#3	.5766463	.1075604	.1849300

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1657.485	2727.094	34632.84	5954.874	2772.600
Stddev	9.865	3.329	368.16	55.950	1.585
%RSD	.5951993	.1220882	1.063027	.9395652	.0571683

#1	1651.339	2729.978	34774.49	5999.663	2771.212
#2	1652.252	2723.450	34214.90	5892.157	2772.260
#3	1668.864	2727.853	34909.14	5972.801	2774.327

Sample Name: K4216-21DLX2 Acquired: 08/16/2019 17:55:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOC5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0415348	.0039489	.0572667	.0073020	.0012544	43.73997	.7482448
Stddev	.0035205	.0010562	.0028874	.0011787	.0019202	.20494	.0113788
%RSD	8.476086	26.74690	5.042095	16.14231	153.0762	.4685402	1.520726

#1	.0446628	.0032262	.0542896	.0060584	.0031187	43.59216	.7476514
#2	.0422193	.0051610	.0574554	.0074449	.0013617	43.97392	.7599086
#3	.0377223	.0034594	.0600552	.0084028	-.000717	43.65383	.7371743

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037507	.0002036	459.4965	.0772921	.0492866	.1251547	114.3488
Stddev	.0000323	.0001698	6.3122	.0010193	.0005727	.0018580	.9588
%RSD	.8601096	83.38942	1.373711	1.318758	1.162034	1.484547	.8385040

#1	.0037254	.0003783	458.2589	.0783034	.0498240	.1272724	114.0125
#2	.0037870	.0001934	466.3359	.0762650	.0493516	.1237984	115.4305
#3	.0037397	.0000391	453.8949	.0773080	.0486841	.1243932	113.6035

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.763795	74.90645	.1568480	-.001525	.1664465	.1016474	.3610862
Stddev	.023341	.52648	.0005486	.000064	.0451898	.0019517	.0021600
%RSD	1.323312	.7028442	.3497754	4.181143	27.14977	1.920107	.5981929

#1	1.753970	74.66932	.1569900	-.001574	.1537378	.1038775	.3586280
#2	1.790442	75.50978	.1562423	-.001453	.1289717	.1008139	.3626806
#3	1.746973	74.54023	.1573116	-.001549	.2166299	.1002508	.3619500

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.887014	2.462295	.0409676	.0312537	1.178555	.9680486	-.003227
Stddev	.031188	.013172	.0032211	.0006624	.000876	.0098854	.000962
%RSD	.3509376	.5349519	7.862434	2.119410	.0743494	1.021167	29.82188

#1	8.903471	2.455602	.0379010	.0304964	1.177578	.9616174	-.002143
#2	8.906527	2.453813	.0406783	.0317256	1.178819	.9794313	-.003980
#3	8.851045	2.477470	.0443236	.0315390	1.179269	.9630972	-.003557

Sample Name: K4216-21DLX2 Acquired: 08/16/2019 17:55:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.00000
User: BIN Custom ID1: METOC5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4035105	.0971345	.5545538
Stddev	.0045580	.0030535	.0006396
%RSD	1.129576	3.143537	.1153428

#1	.4062844	.0950087	.5538625
#2	.4059971	.1006335	.5551247
#3	.3982501	.0957614	.5546740

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1536.384	2588.135	32723.91	5651.702	2652.549
Stddev	11.264	4.032	341.39	81.515	.925
%RSD	.7331295	.1557973	1.043249	1.442316	.0348896

#1	1531.476	2587.962	32330.84	5663.332	2651.816
#2	1528.406	2592.250	32894.62	5564.997	2653.589
#3	1549.268	2584.191	32946.28	5726.778	2652.242

Sample Name: K4216-22DLX2 Acquired: 08/16/2019 17:59:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOC6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0441683	.0033350	.0651622	.0033269	.0014272	43.88981	.3145226
Stddev	.0010831	.0030962	.0017516	.0016354	.0014869	.26850	.0042780
%RSD	2.452223	92.83850	2.688074	49.15665	104.1822	.6117551	1.360152

#1	.0429251	.0009916	.0643972	.0050722	.0013840	43.77217	.3137511
#2	.0449081	.0021685	.0671662	.0018298	.0029353	44.19705	.3191339
#3	.0446716	.0068450	.0639232	.0030787	-.000038	43.70022	.3106829

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037273	-.000423	511.6730	.0715164	.0579439	.1406456	109.0808
Stddev	.0000935	.000159	6.5126	.0017743	.0007182	.0022203	.8177
%RSD	2.507964	37.46945	1.272800	2.480989	1.239549	1.578612	.7496547

#1	.0037984	-.000417	508.7106	.0726753	.0571146	.1431834	108.5729
#2	.0037620	-.000585	519.1402	.0694738	.0583505	.1396917	110.0241
#3	.0036214	-.000268	507.1683	.0724002	.0583666	.1390617	108.6455

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.641259	116.6084	.1600013	-.001044	.4459272	.1036241	.2757258
Stddev	.033454	1.1445	.0008869	.000421	.1465930	.0029601	.0040357
%RSD	1.266593	.9814838	.5543009	40.33525	32.87375	2.856547	1.463655

#1	2.622904	115.9056	.1596967	-.001114	.3366077	.1007696	.2726795
#2	2.679873	117.9290	.1610003	-.000592	.3886653	.1066795	.2741949
#3	2.621001	115.9906	.1593068	-.001425	.6125086	.1034231	.2803029

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.750079	3.010357	.0479326	.0125494	11.31085	.8538598	-.003562
Stddev	.093943	.018958	.0019574	.0003945	.09157	.0087759	.001715
%RSD	1.212154	.6297741	4.083619	3.143606	.8096171	1.027794	48.16117

#1	7.741144	2.991866	.0461275	.0123655	11.22742	.8580367	-.003874
#2	7.848170	3.009452	.0500131	.0122803	11.29629	.8597672	-.001712
#3	7.660923	3.029751	.0476572	.0130022	11.40883	.8437756	-.005099

Sample Name: K4216-22DLX2 Acquired: 08/16/2019 17:59:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.00000
User: BIN Custom ID1: METOC6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4586001	.0966534	.5608797
Stddev	.0022468	.0011824	.0008641
%RSD	.4899344	1.223377	.1540631

#1	.4574696	.0966840	.5617917
#2	.4611876	.0978202	.5607741
#3	.4571430	.0954559	.5600732

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1537.613	2580.582	32898.41	5650.190	2656.718
Stddev	14.018	5.028	445.40	70.585	1.479
%RSD	.9116868	.1948375	1.353863	1.249246	.0556558

#1	1546.283	2576.506	32849.58	5686.577	2658.366
#2	1545.116	2579.040	33366.21	5568.837	2655.506
#3	1521.440	2586.200	32479.43	5695.158	2656.283

Sample Name: K4259-03 Acquired: 08/16/2019 18:03:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOC7S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1378211	.1095581	1.733631	.1052845	.1934387	58.21259	4.912523
Stddev	.0022002	.0021372	.003726	.0013530	.0027422	.19841	.013462
%RSD	1.596399	1.950700	.2149293	1.285106	1.417624	.3408332	.2740346

#1	.1367969	.1120207	1.737206	.1056906	.1944637	58.44169	4.917803
#2	.1363197	.1081893	1.729770	.1063879	.1955207	58.09623	4.897222
#3	.1403466	.1084641	1.733917	.1037749	.1903316	58.09987	4.922545

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1043462	.1140384	456.3691	.5106565	1.149309	.6476371	117.3249
Stddev	.0008833	.0000863	1.2171	.0021503	.001593	.0014823	.2197
%RSD	.8465226	.0757210	.2666854	.4210923	.1386319	.2288807	.1872379

#1	.1033407	.1140839	457.5237	.5114130	1.148256	.6492022	117.5780
#2	.1049971	.1139388	455.0979	.5123263	1.148528	.6474545	117.1835
#3	.1047009	.1140924	456.4856	.5082301	1.151142	.6462545	117.2132

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.814936	177.1036	1.277870	.1005194	1.572856	1.143946	2.207438
Stddev	.010559	.1482	.004934	.0006303	.442158	.007417	.032326
%RSD	.2767906	.0837047	.3861432	.6270520	28.11177	.6483556	1.464401

#1	3.826975	177.2652	1.274889	.1012076	1.749991	1.150100	2.244744
#2	3.810589	177.0717	1.275154	.0999702	1.069595	1.146028	2.187695
#3	3.807244	176.9739	1.283565	.1003803	1.898981	1.135711	2.189877

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.943939	4.033784	.0537400	.0103950	5.157920	2.062219	.0339275
Stddev	.055175	.028456	.0031999	.0003646	.016779	.036965	.0014968
%RSD	.7945797	.7054518	5.954316	3.507154	.3252969	1.792505	4.411813

#1	6.880930	4.022129	.0557154	.0101879	5.151343	2.023581	.0345165
#2	6.967278	4.013005	.0500482	.0108160	5.145426	2.097247	.0322257
#3	6.983609	4.066218	.0554566	.0101811	5.176990	2.065830	.0350402

Sample Name: K4259-03 Acquired: 08/16/2019 18:03:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.00000
User: BIN Custom ID1: METOC7S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7011930	.0782070	.7965064
Stddev	.0031078	.0006928	.0038892
%RSD	.4432110	.8859113	.4882780

#1	.7047425	.0784181	.8009051
#2	.6998754	.0787698	.7950912
#3	.6989610	.0774332	.7935231

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1576.658	2658.188	33794.38	5845.510	2668.806
Stddev	13.756	1.989	348.74	16.842	4.802
%RSD	.8724796	.0748190	1.031940	.2881246	.1799427

#1	1560.789	2656.049	33391.79	5859.847	2667.753
#2	1585.195	2659.981	33987.78	5826.962	2674.048
#3	1583.991	2658.534	34003.56	5849.722	2664.618

Sample Name: K4243-04 Acquired: 08/16/2019 18:07:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AG7S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1215760	.0990336	1.290007	.1004972	.1936343	67.26221	4.676618
Stddev	.0024510	.0015362	.002436	.0006092	.0015109	.19018	.039631
%RSD	2.016044	1.551204	.1888715	.6061818	.7802617	.2827398	.8474285

#1	.1188291	.0972642	1.287522	.0999981	.1923786	67.29907	4.685498
#2	.1223595	.0998103	1.292392	.1011761	.1932133	67.43126	4.711056
#3	.1235396	.1000265	1.290106	.1003174	.1953110	67.05630	4.633300

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1013655	.1225271	18.49189	.5527139	1.075971	3.016253	41.54928
Stddev	.0012660	.0005089	.09414	.0016204	.001458	.006653	.23765
%RSD	1.248965	.4153472	.5090699	.2931631	.1355242	.2205831	.5719670

#1	.1008202	.1221534	18.50683	.5523868	1.074422	3.023030	41.55682
#2	.1028128	.1223213	18.57766	.5544729	1.076175	3.015996	41.78307
#3	.1004636	.1231067	18.39118	.5512821	1.077317	3.009731	41.30795

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.237835	3.756717	1.180372	.1168435	.2597954	1.125444	1.923405
Stddev	.008866	.045622	.001458	.0004224	.0578063	.006232	.033925
%RSD	.7162251	1.214403	.1235544	.3615013	22.25071	.5537374	1.763777

#1	1.240949	3.775139	1.178854	.1172241	.2016541	1.126836	1.962256
#2	1.244724	3.790248	1.180501	.1163891	.3172607	1.130861	1.899643
#3	1.227833	3.704765	1.181762	.1169173	.2604713	1.118633	1.908315

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.040251	5.513050	.0098265	.0037429	2.549324	1.722460	.0175565
Stddev	.047934	.022010	.0009954	.0003604	.003327	.035132	.0010087
%RSD	2.349419	.3992329	10.13019	9.628864	.1304978	2.039649	5.745553

#1	1.999605	5.535100	.0108835	.0033697	2.551127	1.710396	.0165122
#2	2.028039	5.512969	.0089068	.0040890	2.551360	1.762035	.0176318
#3	2.093110	5.491081	.0096893	.0037700	2.545485	1.694950	.0185254

Sample Name: K4243-04 Acquired: 08/16/2019 18:07:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.00000
User: BIN Custom ID1: MC0AG7S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1314284	.0329989	.0905327
Stddev	.0022060	.0005554	.0003095
%RSD	1.678471	1.683064	.3418857

#1	.1301096	.0334113	.0903914
#2	.1339752	.0332181	.0908877
#3	.1302006	.0323674	.0903190

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1586.823	2631.302	33223.07	5709.659	2788.484
Stddev	12.103	4.872	151.30	61.485	4.972
%RSD	.7626886	.1851619	.4554017	1.076866	.1782942

#1	1572.922	2632.651	33065.77	5713.918	2789.186
#2	1595.021	2635.358	33367.56	5646.155	2793.068
#3	1592.525	2625.898	33235.88	5768.904	2783.199

Sample Name: CCB046 Acquired: 08/16/2019 18:17:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB046 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011774	-.000242	.0009426	-.000598	-.001652	.0240016	.0010923
Stddev	.0025421	.001181	.0008545	.001608	.000523	.0068436	.0002691
%RSD	215.9183	488.5833	90.65413	268.8398	31.63872	28.51296	24.63898

#1	.0031817	.000614	.0000787	-.000701	-.001501	.0245318	.0008139
#2	-.001682	.000249	.0009618	.001058	-.001221	.0169084	.0013511
#3	.002032	-.001589	.0017874	-.002152	-.002233	.0305647	.0011118

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000296	.0000199	.0200674	.0010815	-.000188	.0034791	.0251818
Stddev	.0000126	.0001495	.0115753	.0004409	.000295	.0015197	.0053246
%RSD	42.63730	752.5054	57.68234	40.76763	156.5947	43.67980	21.14462

#1	.0000350	.0001918	.0072173	.0008607	.000117	.0029096	.0259911
#2	.0000152	-.000079	.0296776	.0007946	-.000471	.0023265	.0194989
#3	.0000386	-.000053	.0233073	.0015892	-.000211	.0052013	.0300554

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010745	.0536770	.0003651	.0000862	.2461414	-.004180	.0021939
Stddev	.0001888	.0310864	.0004625	.0003393	.1745882	.001594	.0007073
%RSD	17.57270	57.91375	126.6916	393.6366	70.93004	38.13747	32.23870

#1	.0008840	.0462279	-.000100	.0001622	.0571659	-.006014	.0018226
#2	.0010779	.0878112	.000370	-.000285	.4014340	-.003124	.0030095
#3	.0012616	.0269919	.000825	.000381	.2798243	-.003402	.0017495

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1919709	.0000968	.0050966	.0004706	-.000191	-.001510	.0009291
Stddev	.0465195	.0013893	.0008822	.0001618	.002581	.001351	.0026831
%RSD	24.23259	1435.438	17.30915	34.36813	1354.370	89.46716	288.7725

#1	.2239648	-.000627	.0052161	.0005921	-.003109	-.001618	.0026184
#2	.2133417	-.000781	.0059130	.0002870	.000746	-.000108	.0023336
#3	.1386061	.001699	.0041608	.0005328	.001792	-.002803	-.002165

Sample Name: CCB046 Acquired: 08/16/2019 18:17:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.00000
User: BIN Custom ID1: CCB046 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002304	.0056546	.0002069
Stddev	.0008161	.0010872	.0000600
%RSD	354.1347	19.22633	28.98118

#1	-.000137	.0051705	.0001868
#2	.001166	.0048935	.0002744
#3	-.000337	.0068997	.0001597

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1488.523	2477.902	30895.51	5276.698	2650.875
Stddev	10.039	1.895	127.38	37.513	4.792
%RSD	.6744408	.0764719	.4123063	.7109203	.1807592

#1	1495.317	2479.452	31031.58	5315.415	2656.237
#2	1493.260	2478.465	30875.86	5274.162	2647.010
#3	1476.992	2475.790	30779.09	5240.518	2649.380

Sample Name: CCV046 Acquired: 08/16/2019 18:13:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.00000
User: BIN Custom ID1: CCV046 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.833874	5.051515	24.61935	4.806315	4.823350	402.9106	10.14311
Stddev	.017198	.002329	.04764	.012729	.014064	8.0308	.13003
%RSD	.3557895	.0461015	.1934988	.2648313	.2915853	1.993193	1.281995

#1	4.828887	5.049435	24.60415	4.820136	4.819841	393.9542	9.99297
#2	4.819720	5.051080	24.58117	4.795075	4.811373	409.4698	10.21684
#3	4.853015	5.054031	24.67274	4.803734	4.838837	405.3079	10.21951

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5077202	2.398976	410.9091	15.21931	2.466769	15.02232	415.3285
Stddev	.0029082	.005495	5.3893	.05853	.004782	.03148	4.2228
%RSD	.5727861	.2290628	1.311545	.3845767	.1938719	.2095619	1.016742

#1	.5045070	2.397272	404.6914	15.15217	2.466296	15.01089	410.7145
#2	.5084816	2.394535	414.2400	15.25961	2.462240	14.99814	416.2698
#3	.5101719	2.405122	413.7959	15.24615	2.471769	15.05791	419.0013

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.01132	405.2245	2.509701	1.261123	406.1265	2.488496	14.61663
Stddev	.16712	3.3928	.006338	.016081	2.9561	.021839	.01323
%RSD	1.113315	.8372728	.2525508	1.275157	.7278691	.8775835	.0905097

#1	14.82165	401.4264	2.503546	1.246574	402.7131	2.465029	14.60136
#2	15.07532	406.2913	2.509350	1.278390	407.8248	2.492236	14.62440
#3	15.13698	407.9557	2.516208	1.258404	407.8415	2.508223	14.62414

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.2403	5.117782	5.053775	4.835664	4.898824	5.051842	4.984440
Stddev	.6305	.019635	.040706	.014003	.016138	.042830	.012768
%RSD	.4141618	.3836556	.8054503	.2895742	.3294174	.8478177	.2561654

#1	151.5143	5.111580	5.007154	4.825859	4.898996	5.002541	4.980236
#2	152.6509	5.101996	5.071905	4.829433	4.882601	5.073092	4.974303
#3	152.5556	5.139768	5.082265	4.851701	4.914875	5.079891	4.998780

Sample Name: CCV046 Acquired: 08/16/2019 18:13:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v946) Mode: CONC Corr. Factor: 1.00000
User: BIN Custom ID1: CCV046 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.990355	5.060873	4.950404
Stddev	.027939	.071461	.052792
%RSD	.5598506	1.412037	1.066424

#1	4.958958	4.978720	4.910857
#2	4.999631	5.108650	5.010352
#3	5.012476	5.095249	4.930002

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1295.611	2252.300	29439.17	5115.129	2605.710
Stddev	12.789	1.069	405.26	47.527	.855
%RSD	.9871119	.0474646	1.376595	.9291485	.0328247

#1	1300.589	2253.098	29781.36	5163.954	2605.343
#2	1281.081	2252.716	28991.64	5069.016	2606.687
#3	1305.162	2251.085	29544.51	5112.417	2605.099