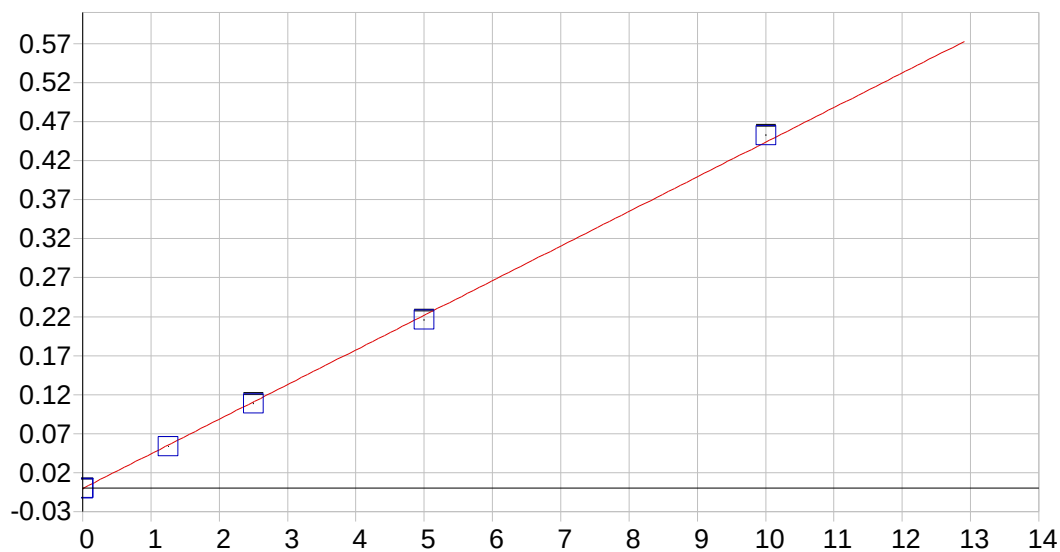


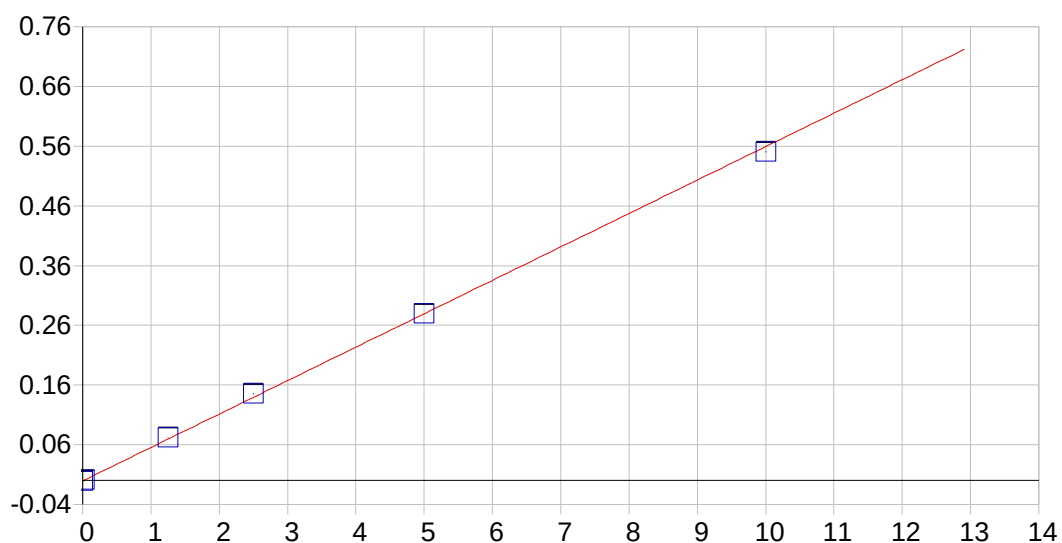


As 189.042 {479}

Date of Fit: 11/28/2018 14:42:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000275 Re-Slope: 1.000000
 A1 (Gain): 0.044394 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999760 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.003400
 Predicted MQL: 0.011333

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00028	.000	1
S1	.01000	.00911	-.001	-8.88	.00013	.000	1
S2	1.2500	1.2216	-.028	-2.28	.05396	.000	1
S3	2.5000	2.4588	-.041	-1.65	.10888	.001	1
S4	5.0000	4.8677	-.132	-2.65	.21582	.001	1
S5	10.000	10.203	.203	2.03	.45267	.001	1

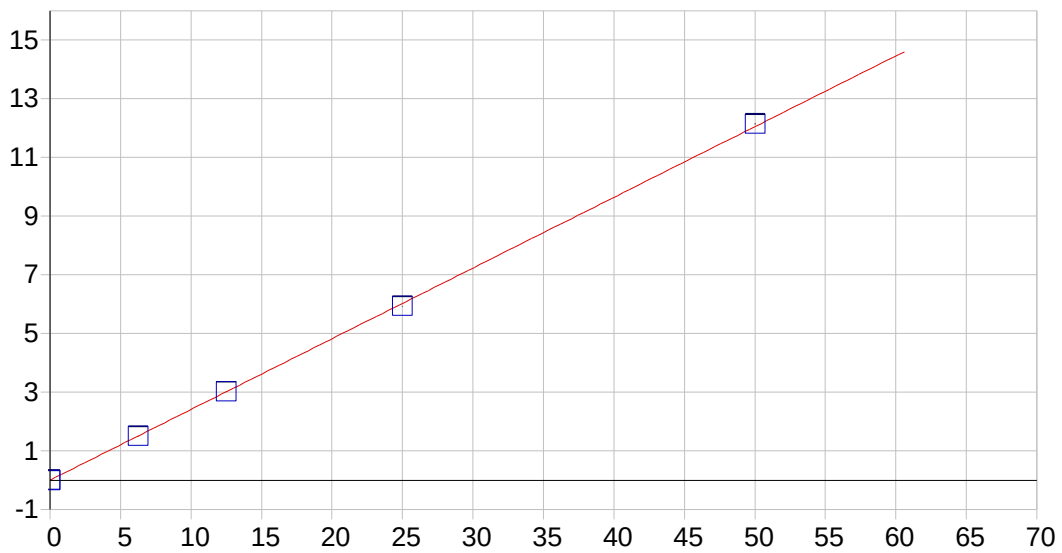


TI 190.856 {477}

Date of Fit: 11/28/2018 14:42:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000502 Re-Slope: 1.000000
 A1 (Gain): 0.055973 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999756 Status: OK.
 Std Error of Est: 0.000033
 Predicted MDL: 0.002451
 Predicted MQL: 0.008170

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00050	.000	1
S1	.02500	.02522	.000	.892	.00091	.000	1
S2	1.2500	1.3009	.051	4.07	.07231	.000	1
S3	2.5000	2.6075	.107	4.30	.14545	.001	1
S4	5.0000	4.9991	-.001	-.018	.27931	.001	1
S5	10.000	9.8423	-.158	-1.58	.55040	.001	1

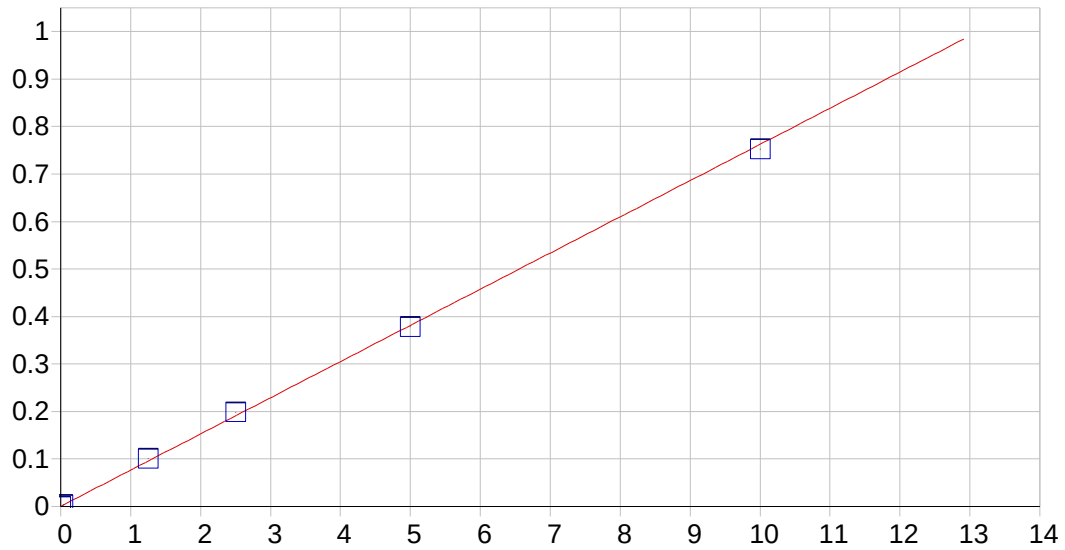


Pb 220.353 {453}

Date of Fit: 11/28/2018 14:42:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000028 Re-Slope: 1.000000
 A1 (Gain): 0.241057 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952 Status: OK.
 Std Error of Est: 0.000089
 Predicted MDL: 0.001492
 Predicted MQL: 0.004973

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.01000	.01008	.000	.811	.00246	.000	1
S2	6.2500	6.2109	-.039	-.626	1.4972	.007	1
S3	12.500	12.529	.029	.229	3.0202	.007	1
S4	25.000	24.622	-.378	-1.51	5.9354	.008	1
S5	50.000	50.388	.388	.776	12.146	.012	1

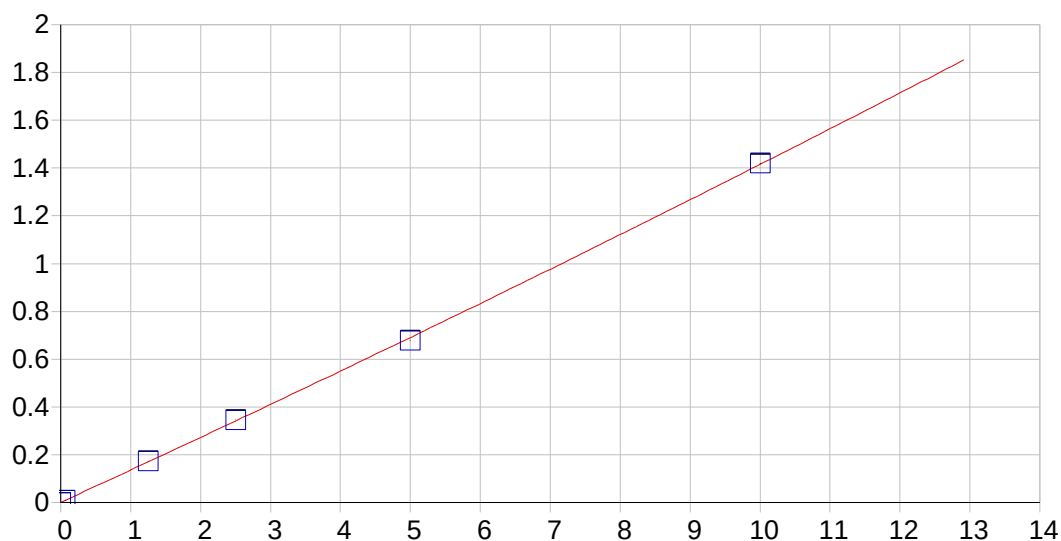


Se 196.090 {472}

Date of Fit: 11/28/2018 14:42:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000381 Re-Slope: 1.000000
 A1 (Gain): 0.076204 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999716 Status: OK.
 Std Error of Est: 0.000057
 Predicted MDL: 0.002650
 Predicted MQL: 0.008833

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00038	.000	1
S1	.03500	.04095	.006	17.0	.00350	.000	1
S2	1.2500	1.3197	.070	5.57	.10095	.000	1
S3	2.5000	2.5964	.096	3.86	.19824	.000	1
S4	5.0000	4.9590	-.041	-.820	.37828	.000	1
S5	10.000	9.8689	-.131	-1.31	.75244	.000	1

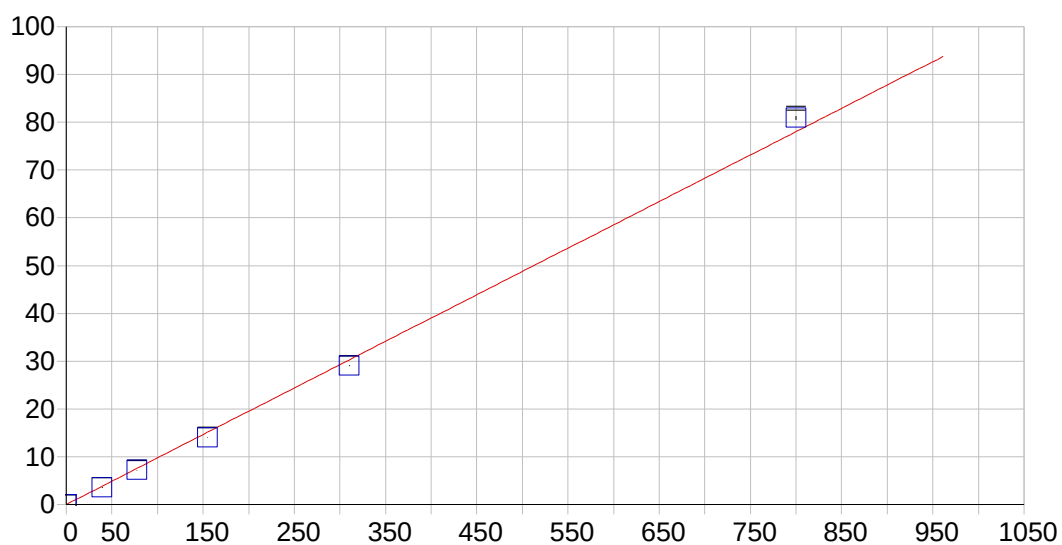


Sb 206.833 {463}

Date of Fit: 11/28/2018 14:42:00 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000467 Re-Slope: 1.000000
 A1 (Gain): 0.134671 Y-int: 0.000000
 A2 (Curvature): 0.000679
 n (Exponent): 1.000000
 Correlation: 0.999921 Status: Warning Positive Curvature
 Std Error of Est: 0.000083
 Predicted MDL: 0.001679
 Predicted MQL: 0.005598

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00047	.000	1
S1	.06000	.06491	.005	8.18	.00921	.000	1
S2	1.2500	1.2746	.025	1.97	.17322	.000	1
S3	2.5000	2.5276	.028	1.10	.34520	.001	1
S4	5.0000	4.9088	-.091	-1.82	.67790	.001	1
S5	10.000	10.034	.034	.342	1.4201	.002	1

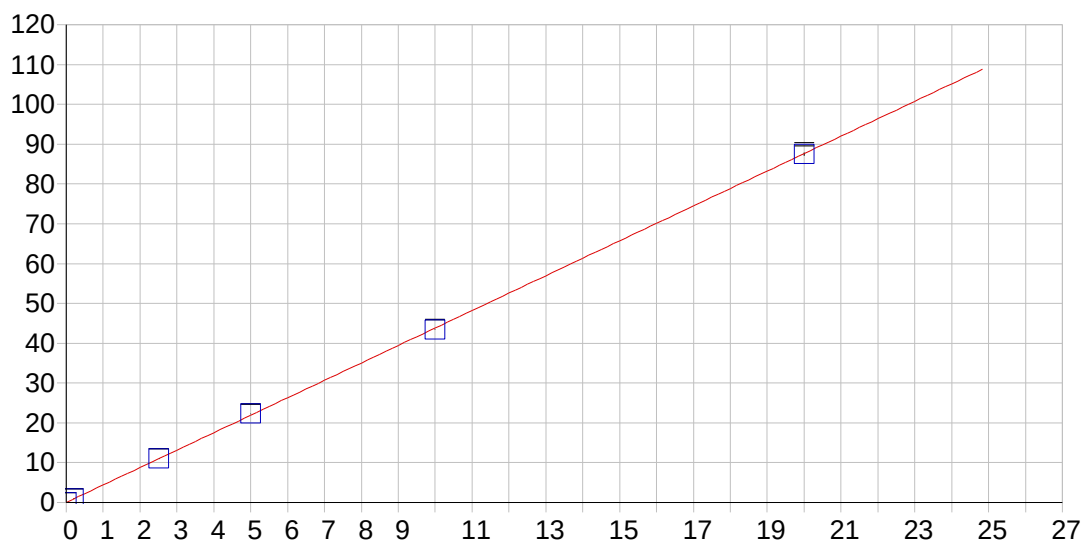


AI 396.152 { 85}

Date of Fit: 11/28/2018 14:42:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004835 Re-Slope: 1.000000
 A1 (Gain): 0.097536 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999044 Status: OK.
 Std Error of Est: 0.002654
 Predicted MDL: 0.015300
 Predicted MQL: 0.051000

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00484	.001	1
S1	.20000	.20740	.007	3.70	.02506	.000	1
S2	38.750	36.784	-1.97	-5.07	3.5926	.007	1
S3	77.500	73.540	-3.96	-5.11	7.1777	.025	1
S4	155.00	143.92	-11.1	-7.15	14.042	.043	1
S5	310.00	297.76	-12.2	-3.95	29.047	.046	1
S6	800.00	829.24	29.2	3.65	80.886	.353	1

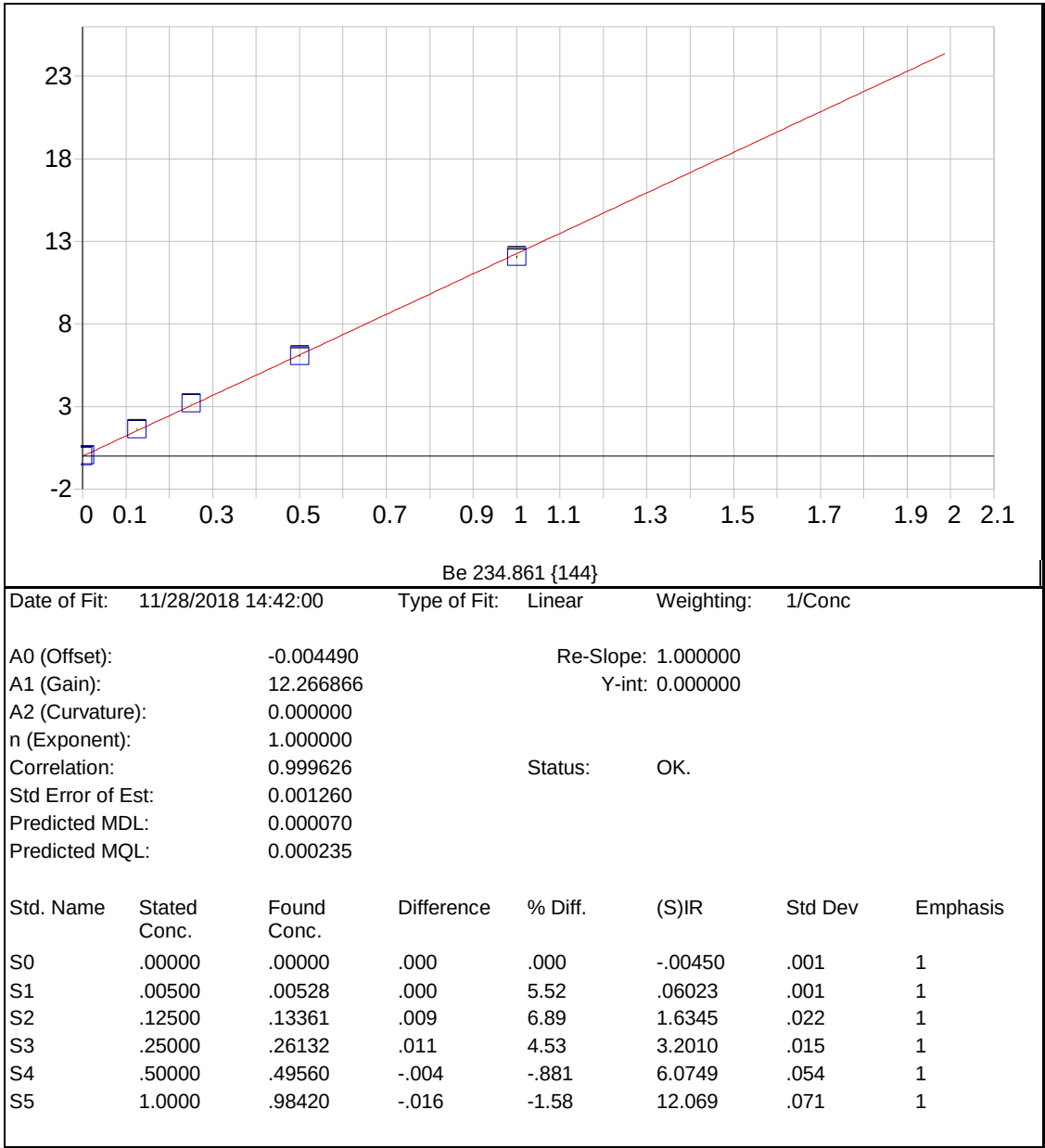


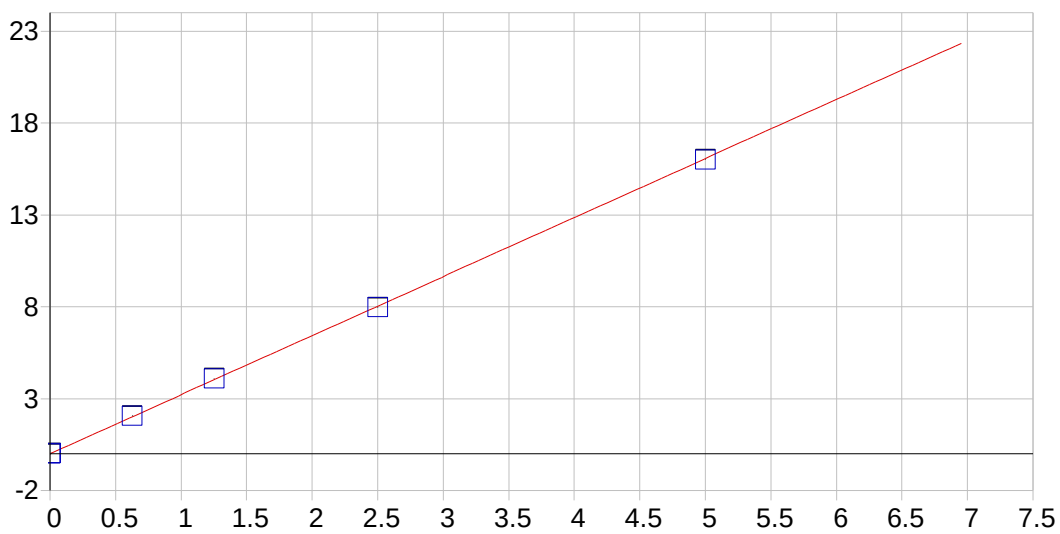
Ba 493.409 { 68}

Date of Fit: 11/28/2018 14:42:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.016050 Re-Slope: 1.000000
 A1 (Gain): 4.380264 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964 Status: OK.
 Std Error of Est: 0.003944
 Predicted MDL: 0.001049
 Predicted MQL: 0.003496

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.01600	.002	1
S1	.20000	.20825	.008	4.13	.92825	.006	1
S2	2.5000	2.5226	.023	.905	11.066	.012	1
S3	5.0000	5.0841	.084	1.68	22.286	.067	1
S4	10.000	9.9167	-.083	-.833	43.454	.028	1
S5	20.000	19.968	-.032	-.158	87.482	.373	1



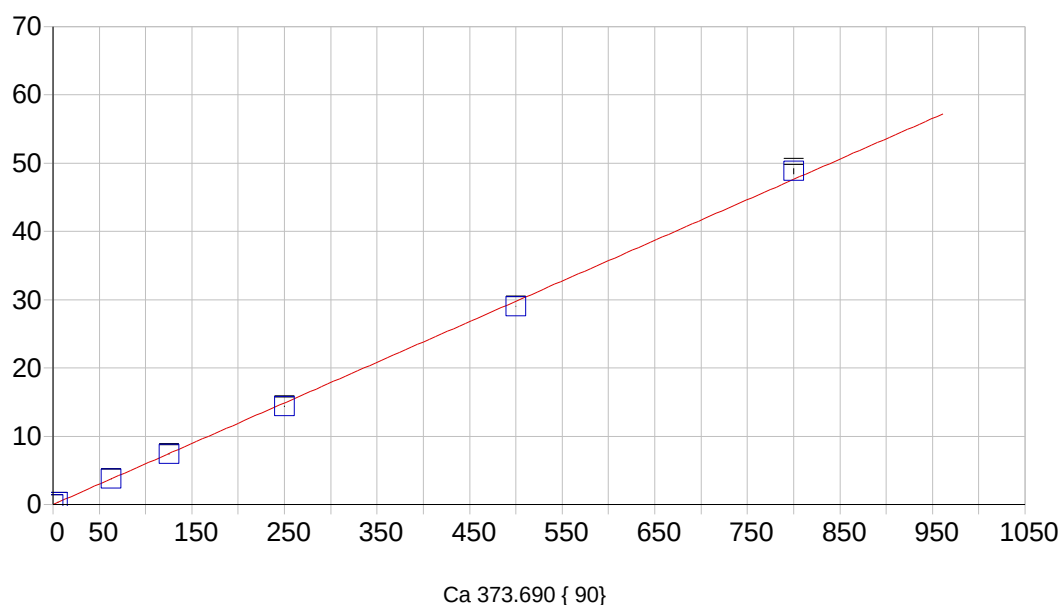


Cd 214.438 {457}

Date of Fit: 11/28/2018 14:42:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000255 Re-Slope: 1.000000
 A1 (Gain): 3.213230 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999939 Status: OK.
 Std Error of Est: 0.000297
 Predicted MDL: 0.000078
 Predicted MQL: 0.000260

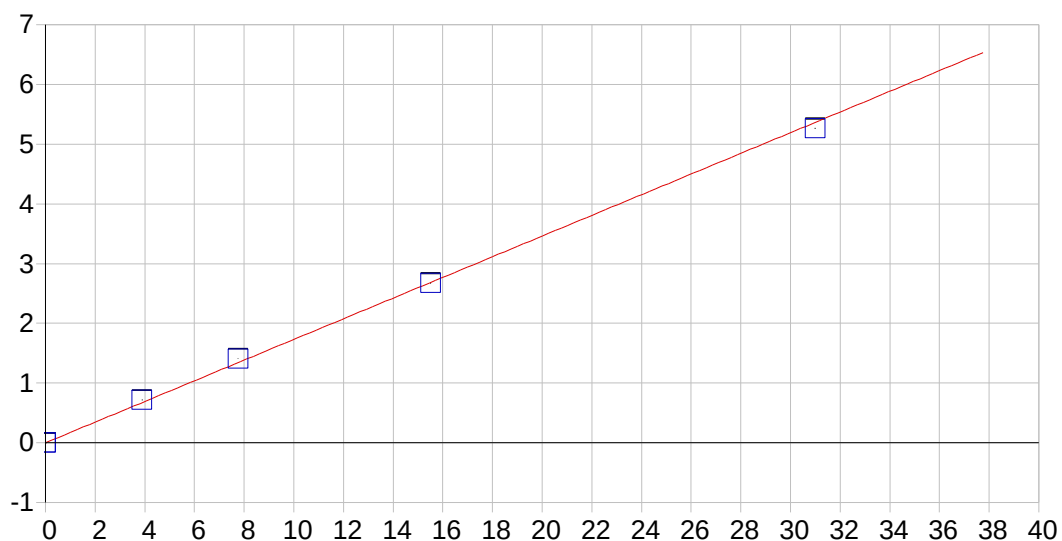
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00026	.000	1
S1	.00500	.00542	.000	8.35	.01715	.000	1
S2	.62500	.63862	.014	2.18	2.0518	.006	1
S3	1.2500	1.2761	.026	2.09	4.1002	.008	1
S4	2.5000	2.4779	-.022	-.885	7.9617	.013	1
S5	5.0000	4.9820	-.018	-.361	16.008	.022	1



Date of Fit: 11/28/2018 14:42:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003267 Re-Slope: 1.000000
 A1 (Gain): 0.059529 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999668 Status: OK.
 Std Error of Est: 0.005358
 Predicted MDL: 0.022985
 Predicted MQL: 0.076617

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00015	.000	.000	.00326	.001	1
S1	5.0000	5.2425	.243	4.85	.31535	.000	1
S2	62.500	63.751	1.25	2.00	3.7983	.018	1
S3	125.00	124.43	-.571	-.457	7.4104	.057	1
S4	250.00	241.03	-8.97	-3.59	14.352	.083	1
S5	500.00	487.93	-12.1	-2.41	29.049	.075	1
S6	800.00	820.12	20.1	2.52	48.825	.441	1

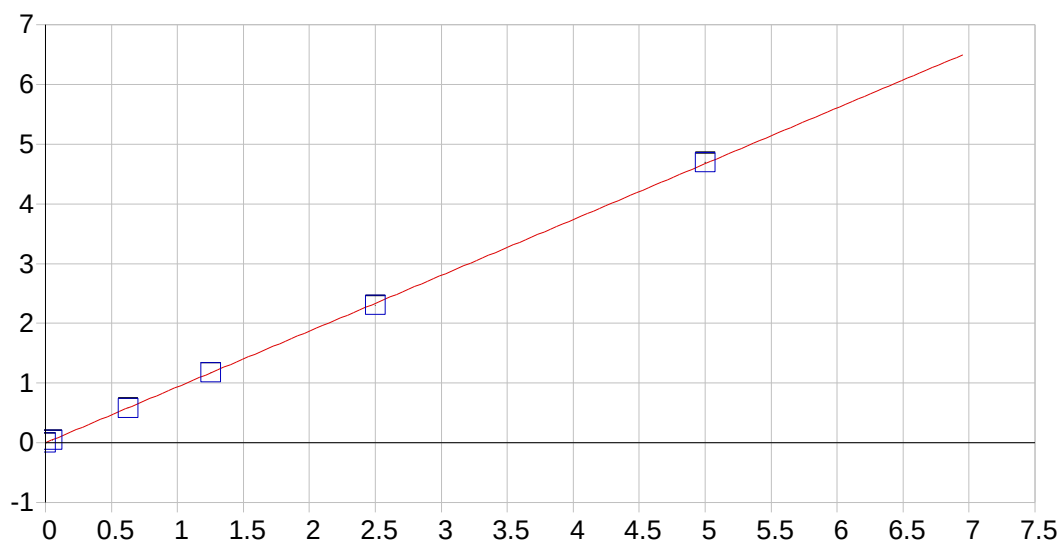


Cr 267.716 {126}

Date of Fit: 11/28/2018 14:42:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000001 Re-Slope: 1.000000
 A1 (Gain): 0.173077 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999598 Status: OK.
 Std Error of Est: 0.000145
 Predicted MDL: 0.000638
 Predicted MQL: 0.002126

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.01000	.01198	.002	19.8	.00207	.000	1
S2	3.8750	4.1213	.246	6.36	.71330	.000	1
S3	7.7500	8.1382	.388	5.01	1.4085	.004	1
S4	15.500	15.450	-.050	-.325	2.6740	.009	1
S5	31.000	30.414	-.586	-1.89	5.2639	.008	1

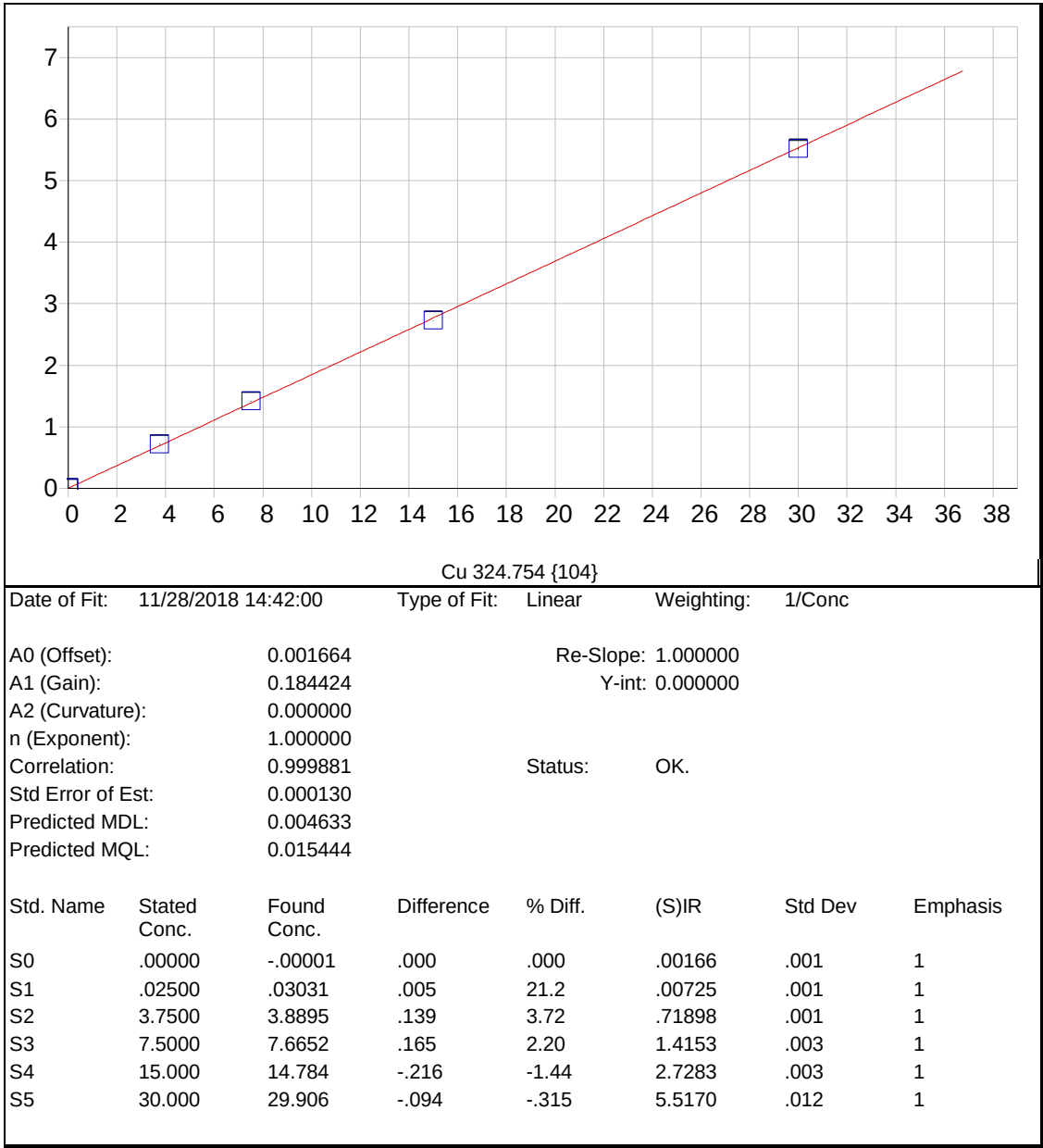


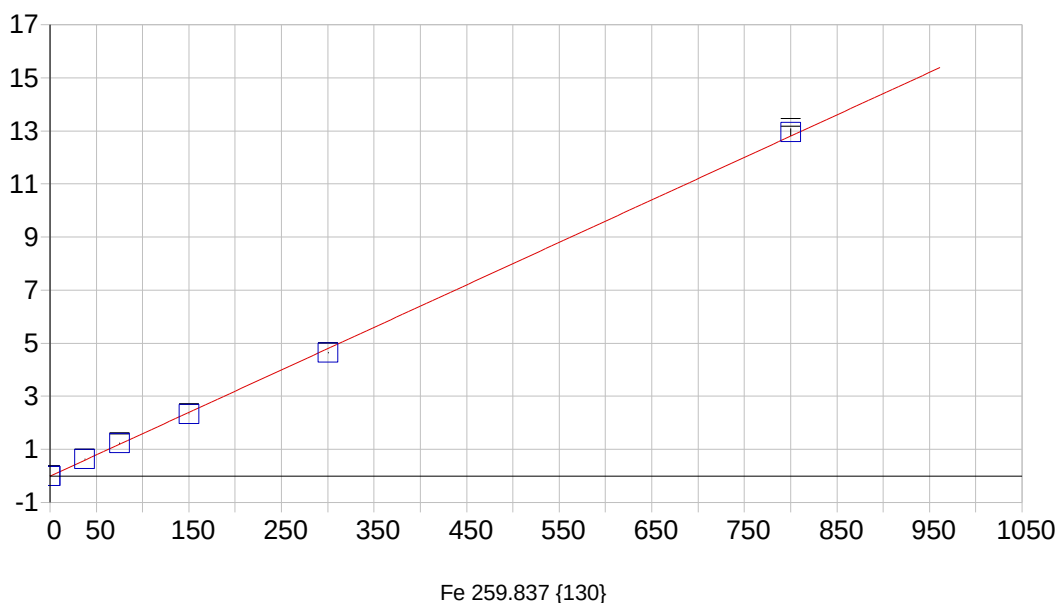
Co 228.616 {448}

Date of Fit: 11/28/2018 14:42:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000027 Re-Slope: 1.000000
 A1 (Gain): 0.934372 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961 Status: OK.
 Std Error of Est: 0.000220
 Predicted MDL: 0.000259
 Predicted MQL: 0.000863

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.05000	.05142	.001	2.84	.04807	.001	1
S2	.62500	.62447	-.001	-.085	.58351	.002	1
S3	1.2500	1.2598	.010	.784	1.1772	.003	1
S4	2.5000	2.4646	-.035	-1.41	2.3029	.003	1
S5	5.0000	5.0247	.025	.493	4.6949	.007	1

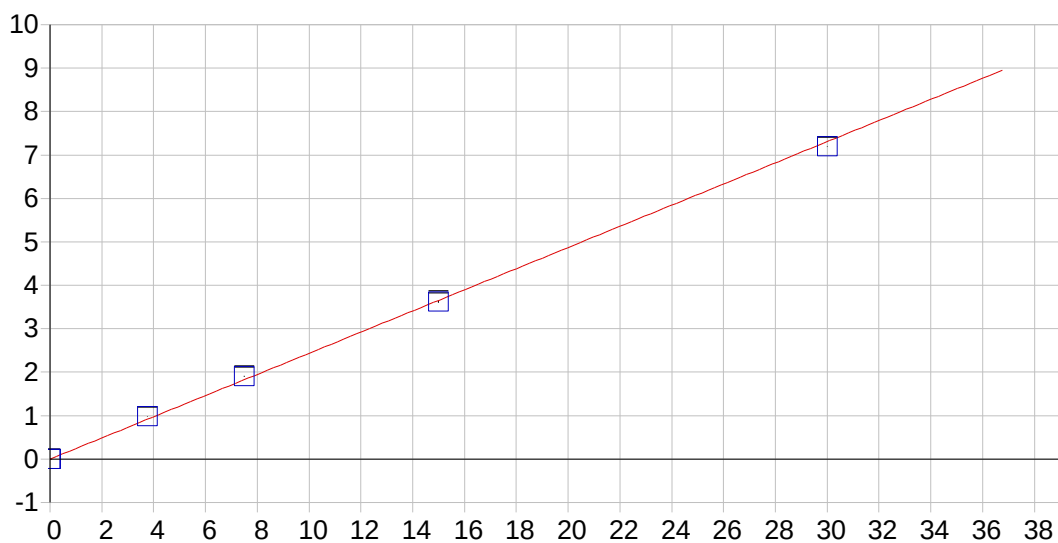




Date of Fit: 11/28/2018 14:42:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000069 Re-Slope: 1.000000
 A1 (Gain): 0.015993 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999736 Status: OK.
 Std Error of Est: 0.000160
 Predicted MDL: 0.025002
 Predicted MQL: 0.083339

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	-.00007	.000	1
S1	.10000	.12876	.029	28.8	.00199	.000	1
S2	37.500	39.569	2.07	5.52	.63277	.004	1
S3	75.000	76.981	1.98	2.64	1.2311	.015	1
S4	150.00	145.94	-4.06	-2.71	2.3340	.017	1
S5	300.00	290.25	-9.75	-3.25	4.6420	.009	1
S6	800.00	809.73	9.73	1.22	12.950	.148	1

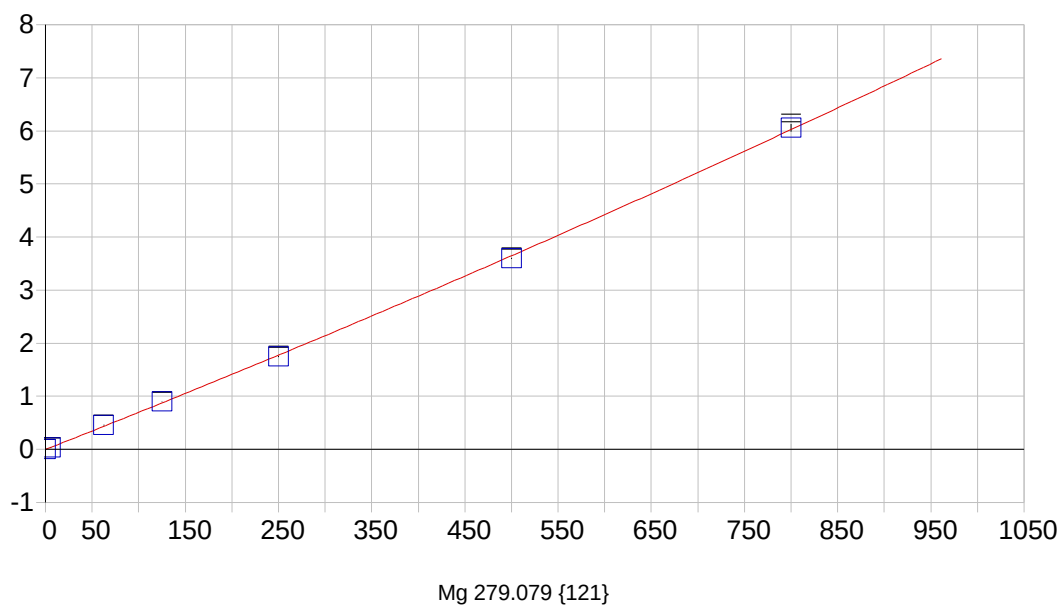


Mn 257.610 {131}

Date of Fit: 11/28/2018 14:42:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000199 Re-Slope: 1.000000
 A1 (Gain): 0.243562 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999613 Status: OK.
 Std Error of Est: 0.000241
 Predicted MDL: 0.001599
 Predicted MQL: 0.005330

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00020	.000	1
S1	.01500	.01648	.001	9.86	.00381	.000	1
S2	3.7500	4.0296	.280	7.46	.98126	.008	1
S3	7.5000	7.8231	.323	4.31	1.9052	.013	1
S4	15.000	14.872	-.128	-.856	3.6220	.025	1
S5	30.000	29.524	-.476	-1.59	7.1908	.011	1



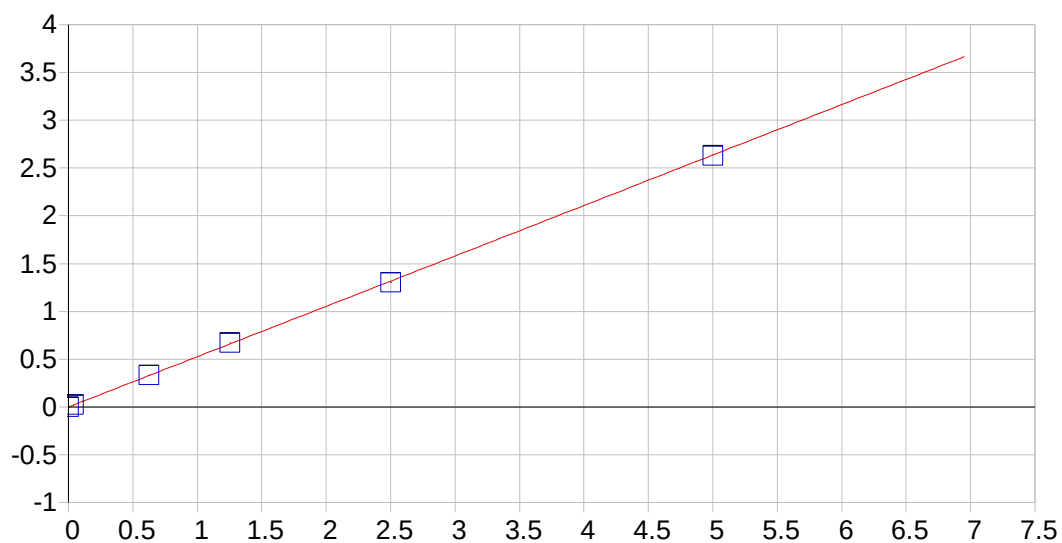
Date of Fit: 11/28/2018 14:42:00 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000126
 A1 (Gain): 0.006912
 A2 (Curvature): 0.000001
 n (Exponent): 1.000000
 Correlation: 0.999889
 Std Error of Est: 0.000426
 Predicted MDL: 0.068695
 Predicted MQL: 0.228984

Re-Slope: 1.000000
 Y-int: 0.000000

Status: Warning Positive Curvature

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00037	.000	.000	-.00013	.000	1
S1	5.0000	5.1287	.129	2.57	.03534	.001	1
S2	62.500	65.312	2.81	4.50	.45458	.002	1
S3	125.00	128.22	3.22	2.58	.89875	.005	1
S4	250.00	246.34	-3.66	-1.46	1.7492	.010	1
S5	500.00	493.04	-6.96	-1.39	3.5946	.009	1
S6	800.00	804.49	4.49	.561	6.0581	.070	1

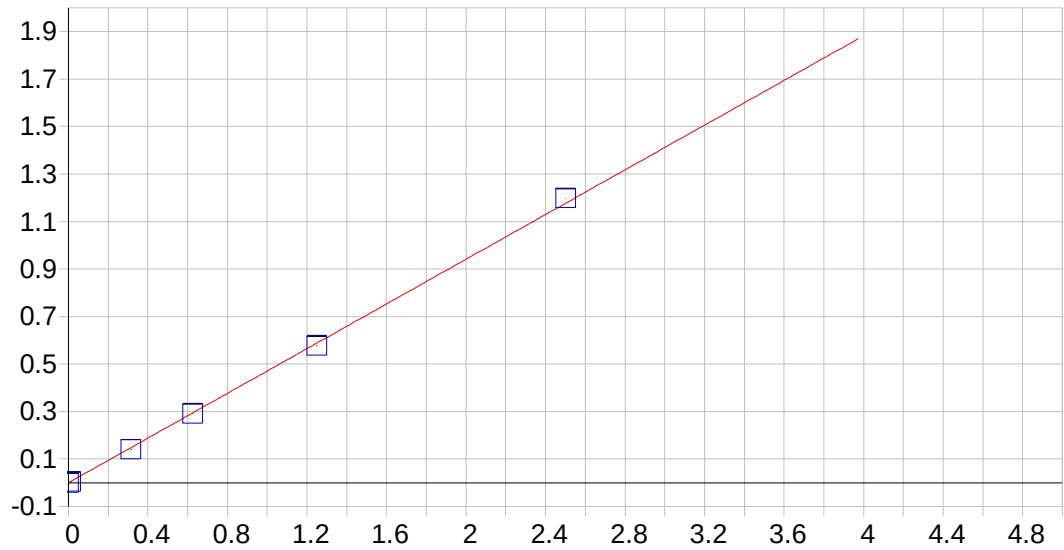


Ni 231.604 {446}

Date of Fit: 11/28/2018 14:42:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001435	Re-Slope: 1.000000
A1 (Gain):	0.527385	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999933	Status: OK.
Std Error of Est:	0.000145	
Predicted MDL:	0.000466	
Predicted MQL:	0.001553	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00144	.000	1
S1	.04000	.04336	.003	8.40	.02143	.000	1
S2	.62500	.63376	.009	1.40	.33280	.001	1
S3	1.2500	1.2755	.026	2.04	.67126	.001	1
S4	2.5000	2.4720	-.028	-1.12	1.3023	.002	1
S5	5.0000	4.9903	-.010	-.194	2.6304	.001	1

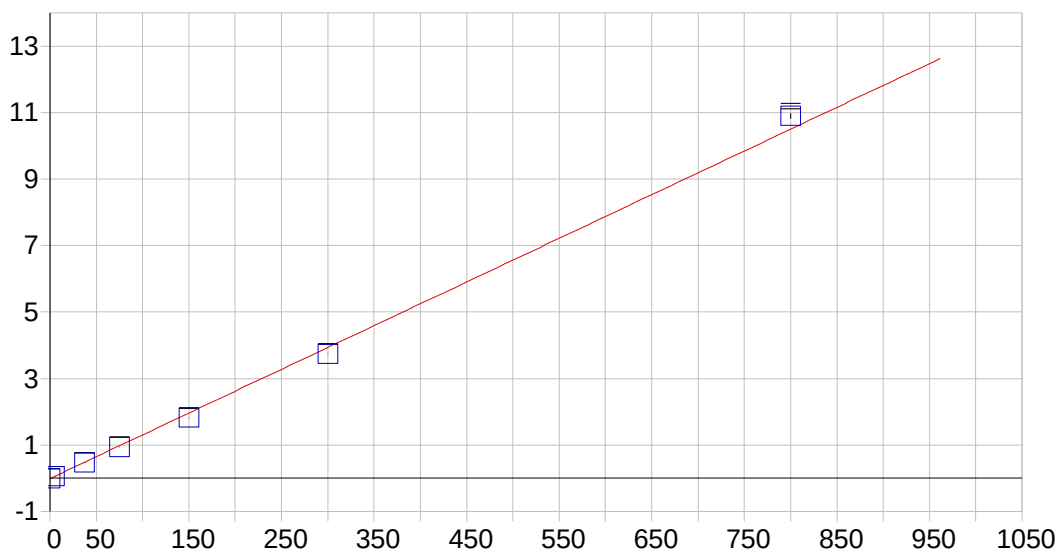


Ag 328.068 {103}

Date of Fit: 11/28/2018 14:42:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000060 Re-Slope: 1.000000
 A1 (Gain): 0.470638 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999794 Status: OK.
 Std Error of Est: 0.000080
 Predicted MDL: 0.000415
 Predicted MQL: 0.001384

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00006	.000	1
S1	.01000	.00951	.000	-4.86	.00442	.000	1
S2	.31250	.29979	-.013	-4.07	.14103	.000	1
S3	.62500	.61852	-.006	-1.04	.29104	.001	1
S4	1.2500	1.2246	-.025	-2.03	.57630	.003	1
S5	2.5000	2.5450	.045	1.80	1.1977	.001	1

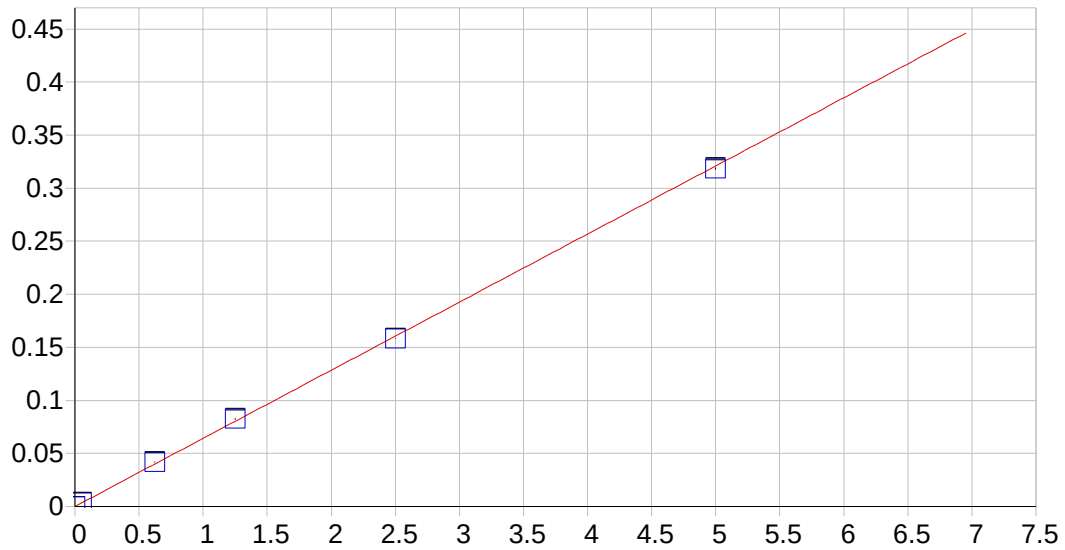


Na 818.326 { 41}

Date of Fit: 11/28/2018 14:42:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007483 Re-Slope: 1.000000
 A1 (Gain): 0.013136 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998960 Status: OK.
 Std Error of Est: 0.001853
 Predicted MDL: 0.284313
 Predicted MQL: 0.947709

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00092	.001	.000	-.00747	.004	1
S1	5.0000	4.9004	-.100	-1.99	.05689	.001	1
S2	37.500	36.097	-1.40	-3.74	.46668	.006	1
S3	75.000	71.805	-3.19	-4.26	.93574	.004	1
S4	150.00	138.98	-11.0	-7.35	1.8181	.007	1
S5	300.00	285.47	-14.5	-4.84	3.7424	.003	1
S6	800.00	830.24	30.2	3.78	10.898	.083	1

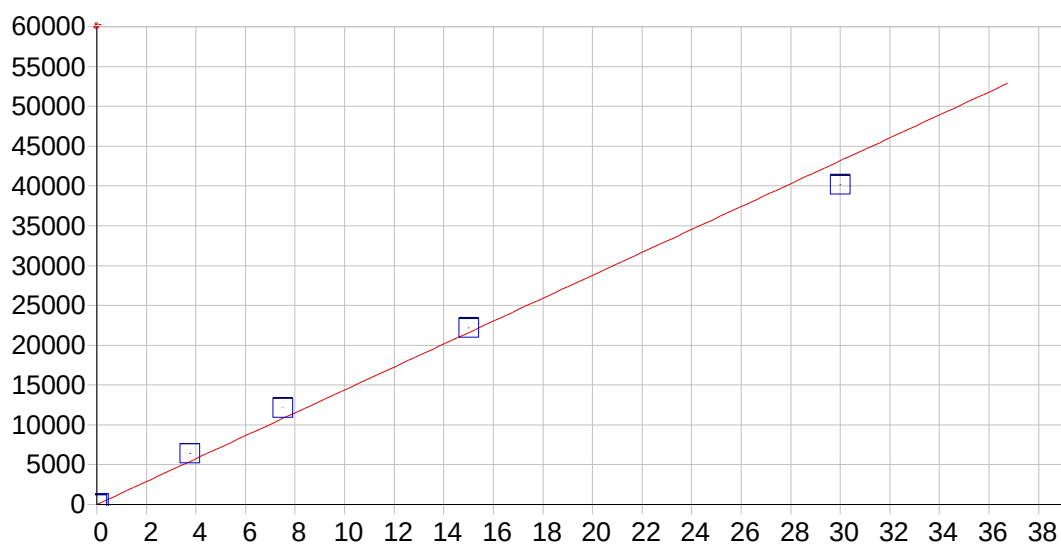


V 292.402 {115}

Date of Fit: 11/28/2018 14:42:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000040 Re-Slope: 1.000000
 A1 (Gain): 0.064186 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999764 Status: OK.
 Std Error of Est: 0.000037
 Predicted MDL: 0.007954
 Predicted MQL: 0.026513

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00004	.000	1
S1	.05000	.05916	.009	18.3	.00384	.000	1
S2	.62500	.64942	.024	3.91	.04172	.001	1
S3	1.2500	1.2870	.037	2.96	.08265	.001	1
S4	2.5000	2.4680	-.032	-1.28	.15845	.000	1
S5	5.0000	4.9614	-.039	-.773	.31849	.001	1

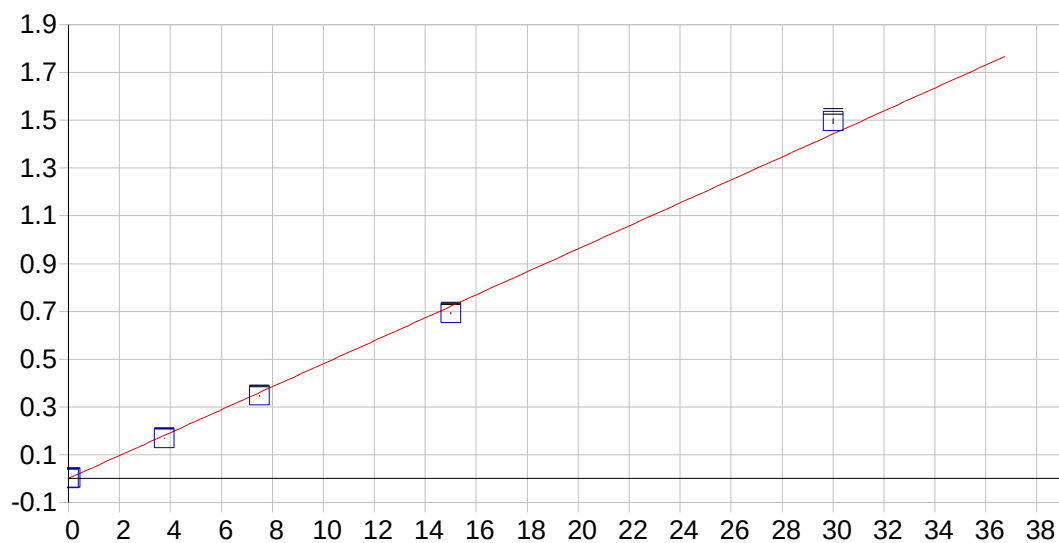


Zn 206.200 {464}

Date of Fit: 11/28/2018 14:42:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 1.915299 Re-Slope: 1.000000
 A1 (Gain): 1438.783899 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.996428 Status: OK.
 Std Error of Est: 8.676161
 Predicted MDL: 0.000365
 Predicted MQL: 0.001215

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	1.8641	.032	1
S1	.06000	.07950	.020	32.5	116.30	.917	1
S2	3.7500	4.4379	.688	18.3	6387.0	7.62	1
S3	7.5000	8.4380	.938	12.5	12142.	19.5	1
S4	15.000	15.423	.423	2.82	22193.	52.2	1
S5	30.000	27.931	-2.07	-6.90	40189.	65.3	1

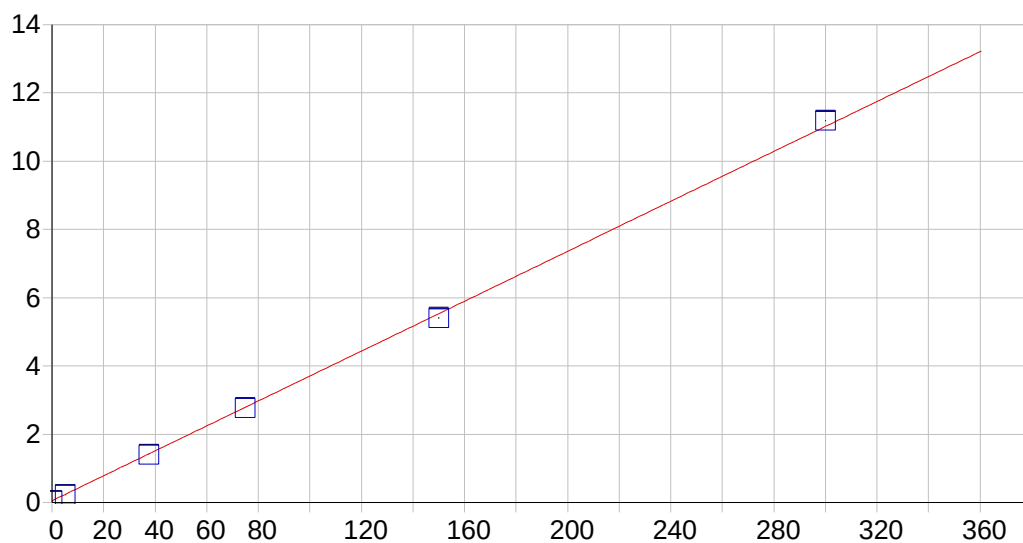


Zn 213.856 {158}

Date of Fit: 11/28/2018 14:42:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000103 Re-Slope: 1.000000
 A1 (Gain): 0.048089 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999214 Status: OK.
 Std Error of Est: 0.000136
 Predicted MDL: 0.012335
 Predicted MQL: 0.041117

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00010	.000	1
S1	.06000	.05701	-.003	-4.99	.00264	.001	1
S2	3.7500	3.5137	-.236	-6.30	.16887	.002	1
S3	7.5000	7.2171	-.283	-3.77	.34696	.003	1
S4	15.000	14.420	-.580	-3.87	.69333	.005	1
S5	30.000	31.102	1.10	3.67	1.4956	.011	1

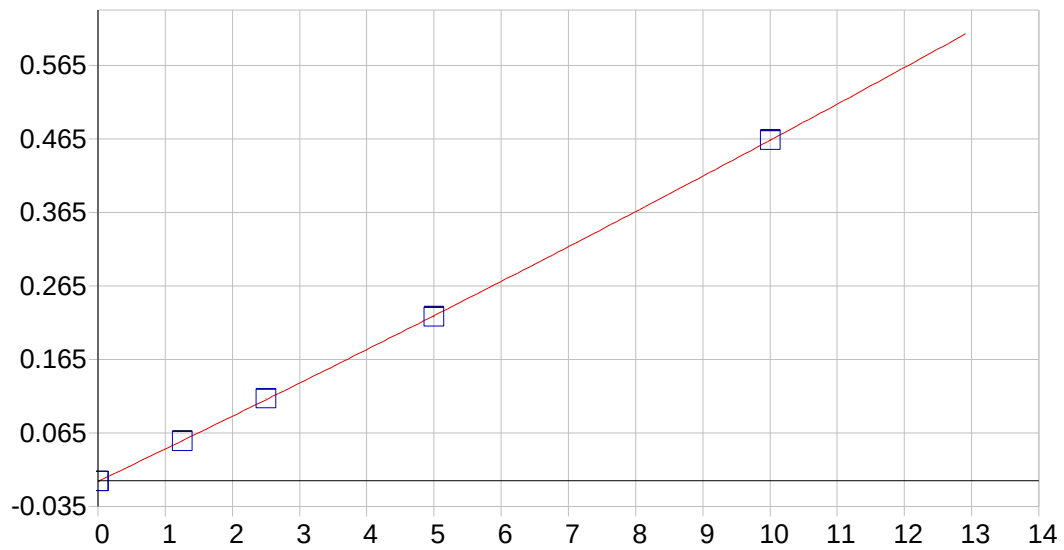


K 769.896 { 44}

Date of Fit: 11/28/2018 14:42:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.051441	Re-Slope: 1.000000
A1 (Gain):	0.036554	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999847	Status: OK.
Std Error of Est:	0.001320	
Predicted MDL:	0.079870	
Predicted MQL:	0.266233	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00033	.000	.000	.05145	.002	1
S1	5.0000	4.8090	-.191	-3.82	.22723	.003	1
S2	37.500	37.018	-.482	-1.29	1.4046	.004	1
S3	75.000	74.387	-.613	-.817	2.7706	.007	1
S4	150.00	146.53	-3.47	-2.31	5.4077	.021	1
S5	300.00	304.76	4.76	1.59	11.191	.013	1

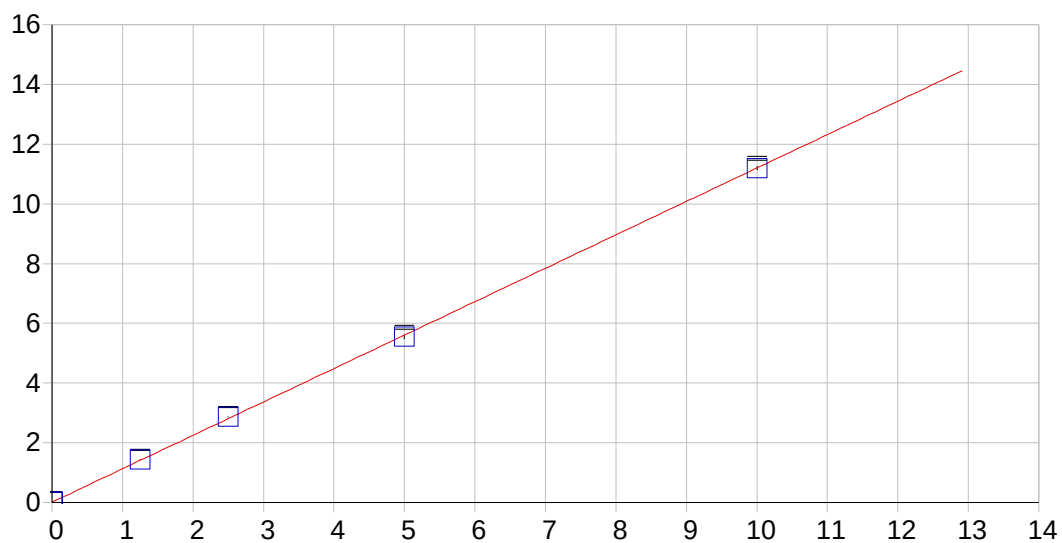


P 177.495 {490}

Date of Fit: 11/28/2018 14:42:00 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000821 Re-Slope: 1.000000
 A1 (Gain): 0.043741 Y-int: 0.000000
 A2 (Curvature): 0.000262
 n (Exponent): 1.000000
 Correlation: 0.999962 Status: Warning Positive Curvature
 Std Error of Est: 0.000008
 Predicted MDL: 0.002752
 Predicted MQL: 0.009175

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00082	.000	1
S1	.01000	.00705	-.003	-29.5	-.00051	.000	1
S2	1.2500	1.2442	-.006	-.467	.05401	.001	1
S3	2.5000	2.5317	.032	1.27	.11160	.000	1
S4	5.0000	4.9691	-.031	-.618	.22302	.001	1
S5	10.000	10.008	.008	.080	.46323	.001	1

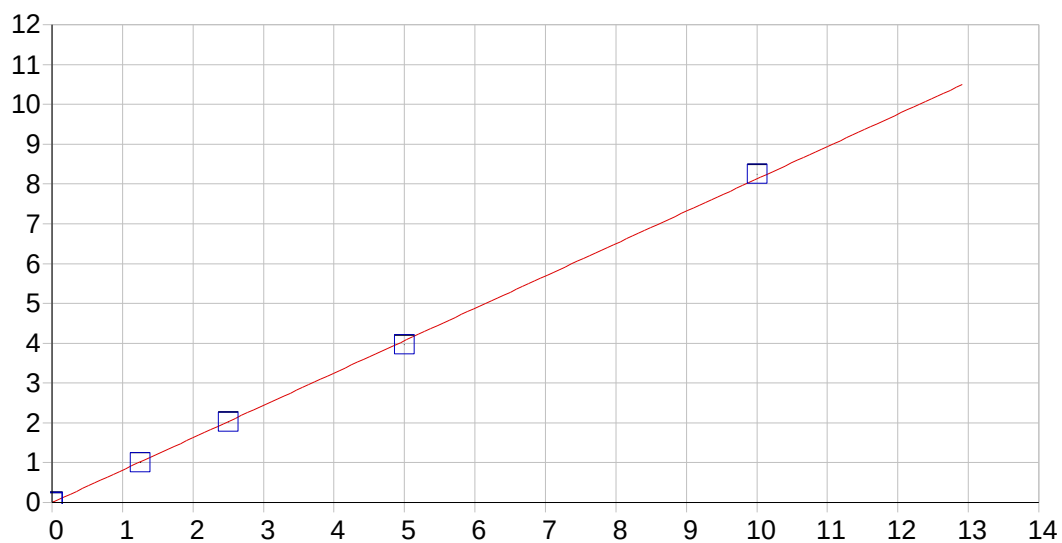


B 249.678 {135}

Date of Fit: 11/28/2018 14:42:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.011546 Re-Slope: 1.000000
 A1 (Gain): 1.118870 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999947 Status: OK.
 Std Error of Est: 0.000193
 Predicted MDL: 0.000970
 Predicted MQL: 0.003233

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.01155	.000	1
S1	.01000	.01011	.000	1.06	.02285	.001	1
S2	1.2500	1.2737	.024	1.90	1.4366	.019	1
S3	2.5000	2.5455	.046	1.82	2.8596	.022	1
S4	5.0000	4.9405	-.059	-1.19	5.5393	.063	1
S5	10.000	9.9902	-.010	-.098	11.189	.065	1

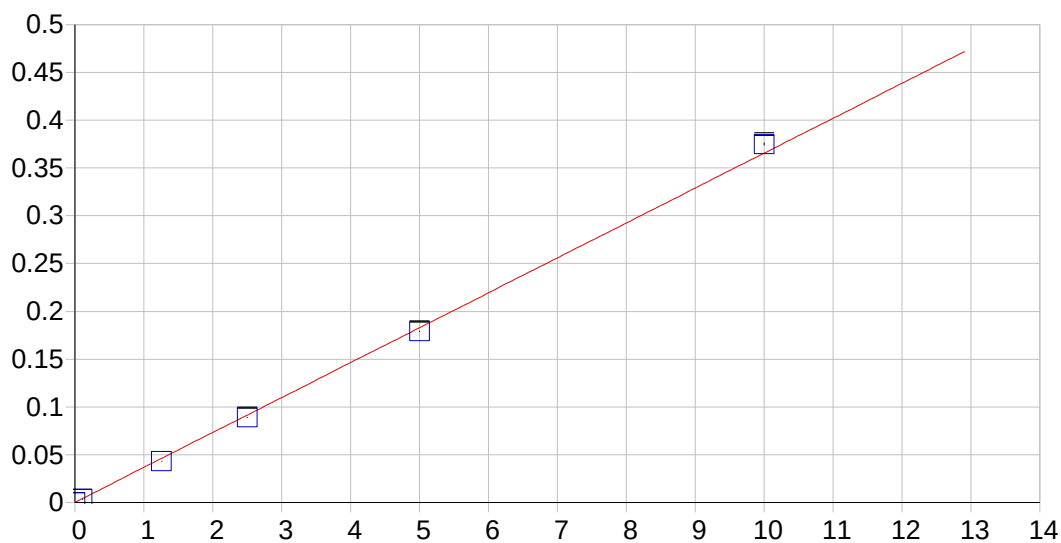


Mo 202.030 {467}

Date of Fit: 11/28/2018 14:42:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000725 Re-Slope: 1.000000
 A1 (Gain): 0.812586 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999857 Status: OK.
 Std Error of Est: 0.000230
 Predicted MDL: 0.000276
 Predicted MQL: 0.000921

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00073	.000	1
S1	.01000	.01055	.001	5.52	.00930	.000	1
S2	1.2500	1.2372	-.013	-1.02	1.0061	.003	1
S3	2.5000	2.4875	-.012	-.498	2.0221	.002	1
S4	5.0000	4.8780	-.122	-2.44	3.9645	.006	1
S5	10.000	10.147	.147	1.47	8.2458	.008	1

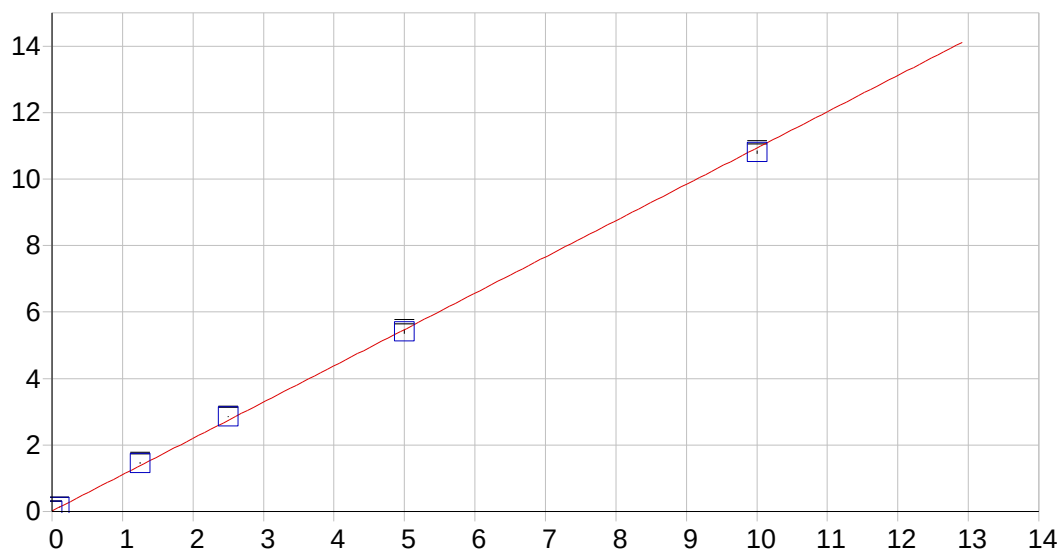


S 182.034 {485}

Date of Fit: 11/28/2018 14:42:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000212 Re-Slope: 1.000000
 A1 (Gain): 0.036535 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999564 Status: OK.
 Std Error of Est: 0.000057
 Predicted MDL: 0.003699
 Predicted MQL: 0.012330

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00021	.000	1
S1	.10000	.09057	-.009	-9.43	.00352	.000	1
S2	1.2500	1.1751	-.075	-5.99	.04314	.000	1
S3	2.5000	2.4269	-.073	-2.92	.08888	.001	1
S4	5.0000	4.8970	-.103	-2.06	.17912	.001	1
S5	10.000	10.261	.261	2.61	.37508	.002	1

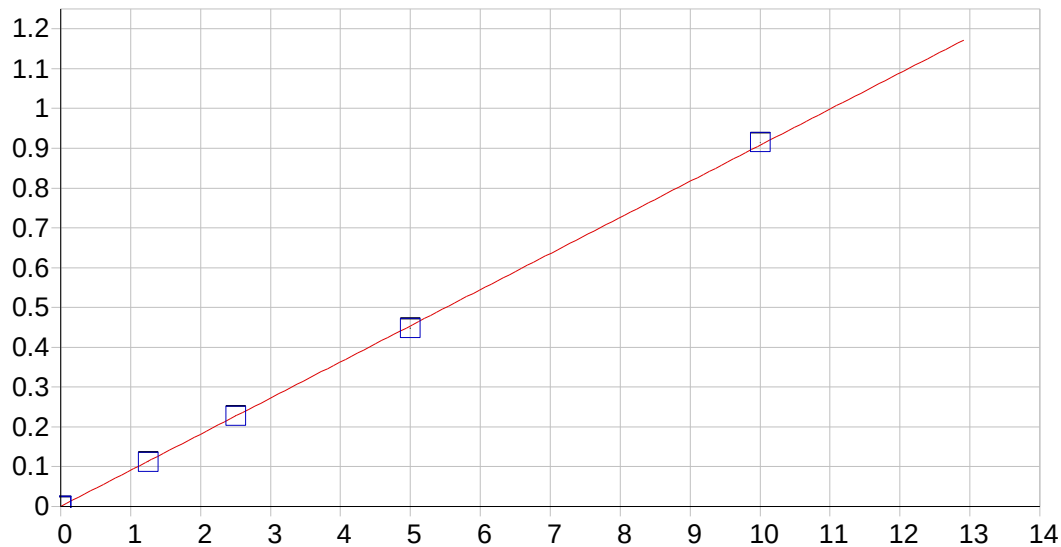


Si 251.611 {134}

Date of Fit: 11/28/2018 14:42:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.014783 Re-Slope: 1.000000
 A1 (Gain): 1.091841 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999725 Status: OK.
 Std Error of Est: 0.001362
 Predicted MDL: 0.001032
 Predicted MQL: 0.003440

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.01477	.000	1
S1	.10000	.10573	.006	5.73	.13022	.001	1
S2	1.2500	1.3221	.072	5.77	1.4583	.021	1
S3	2.5000	2.5979	.098	3.91	2.8512	.020	1
S4	5.0000	4.9440	-.056	-1.12	5.4128	.066	1
S5	10.000	9.8803	-.120	-1.20	10.803	.050	1

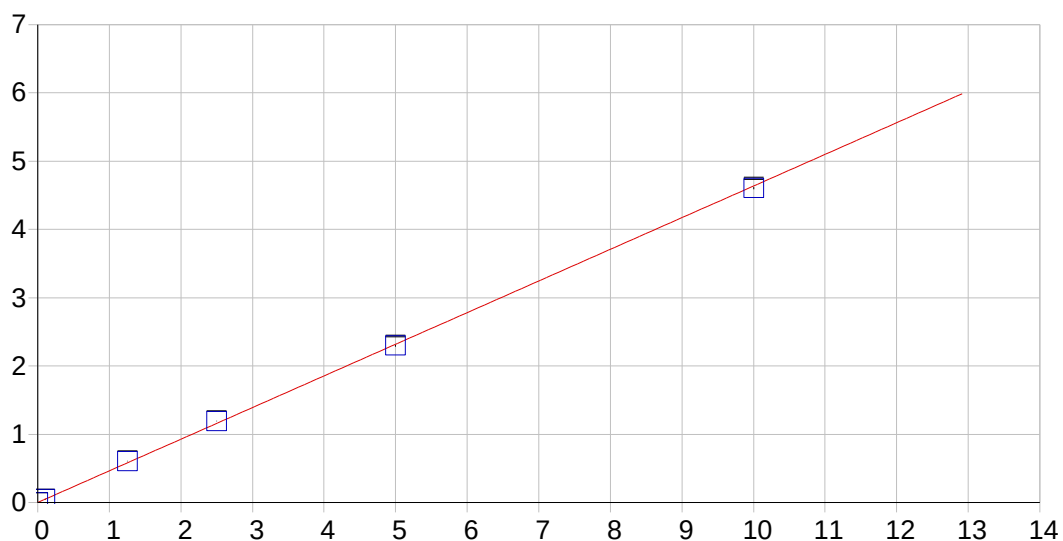


Sn 189.989 {478}

Date of Fit: 11/28/2018 14:42:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000260 Re-Slope: 1.000000
 A1 (Gain): 0.090739 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.001277
 Predicted MQL: 0.004257

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00026	.000	1
S1	.00700	.00648	-.001	-7.45	.00085	.000	1
S2	1.2500	1.2341	-.016	-1.27	.11224	.000	1
S3	2.5000	2.5053	.005	.211	.22759	.001	1
S4	5.0000	4.9361	-.064	-1.28	.44816	.002	1
S5	10.000	10.075	.075	.750	.91446	.001	1

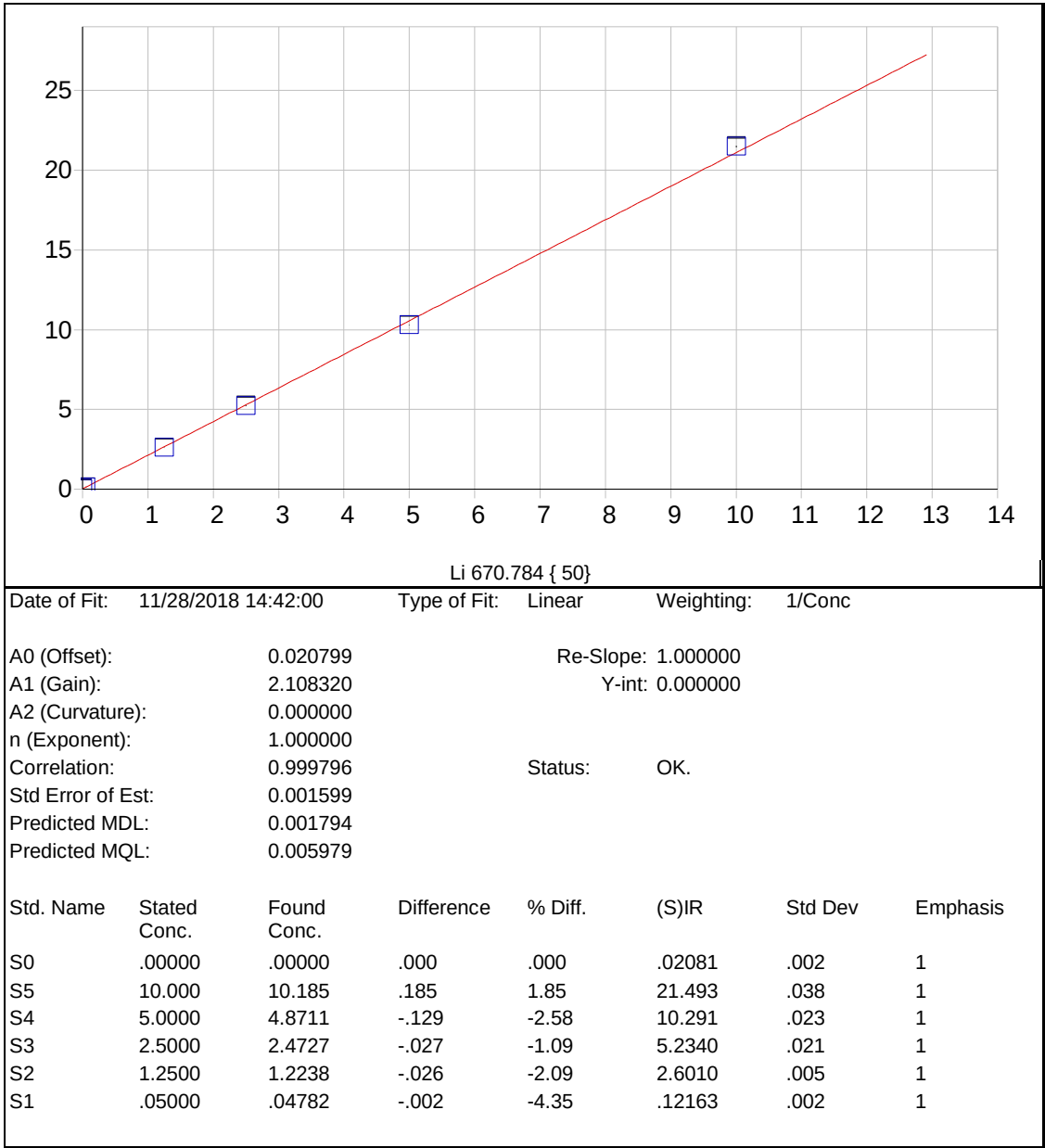


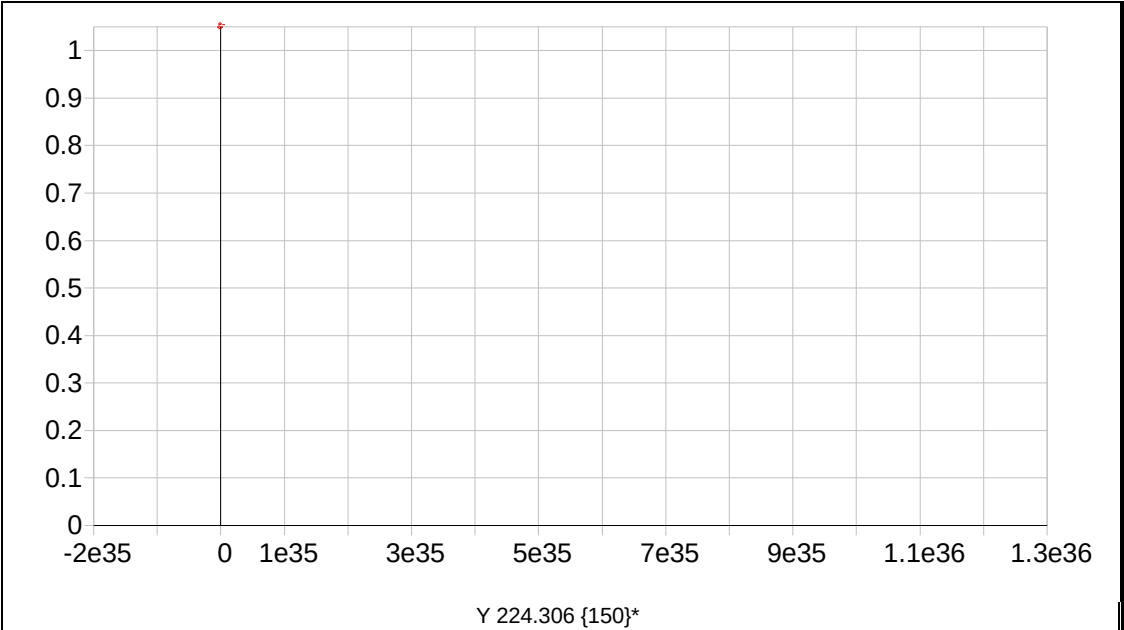
Ti 336.121 {100}

Date of Fit: 11/28/2018 14:42:00 Type of Fit: Linear Weighting: 1/Conc

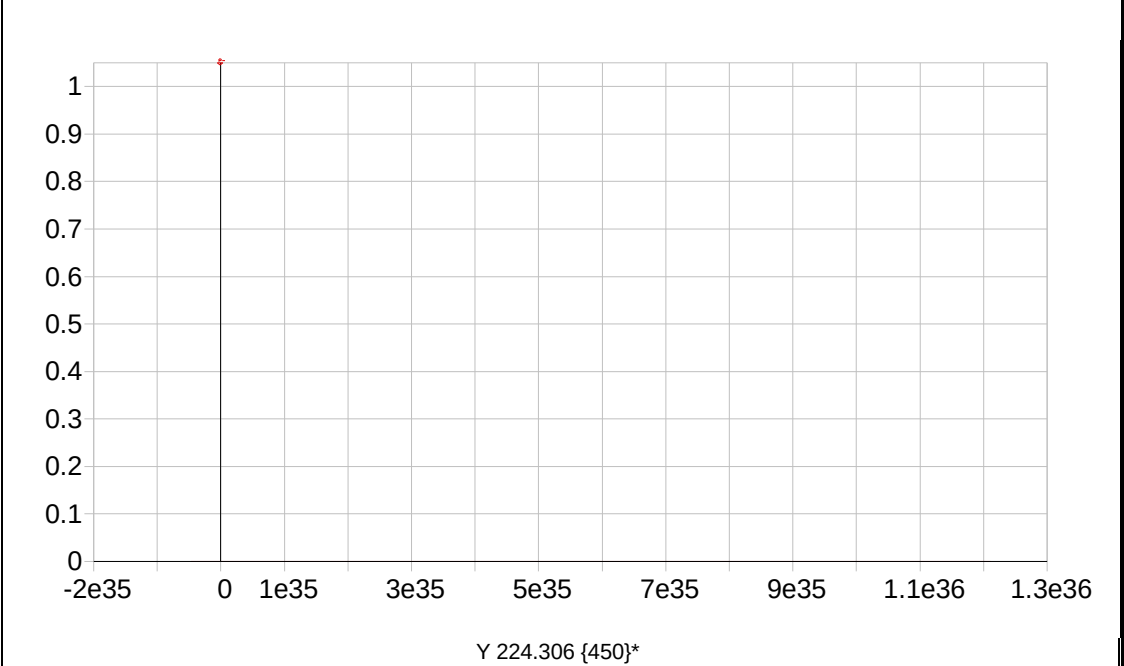
A0 (Offset): 0.002396 Re-Slope: 1.000000
 A1 (Gain): 0.463588 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999860 Status: OK.
 Std Error of Est: 0.000413
 Predicted MDL: 0.002080
 Predicted MQL: 0.006935

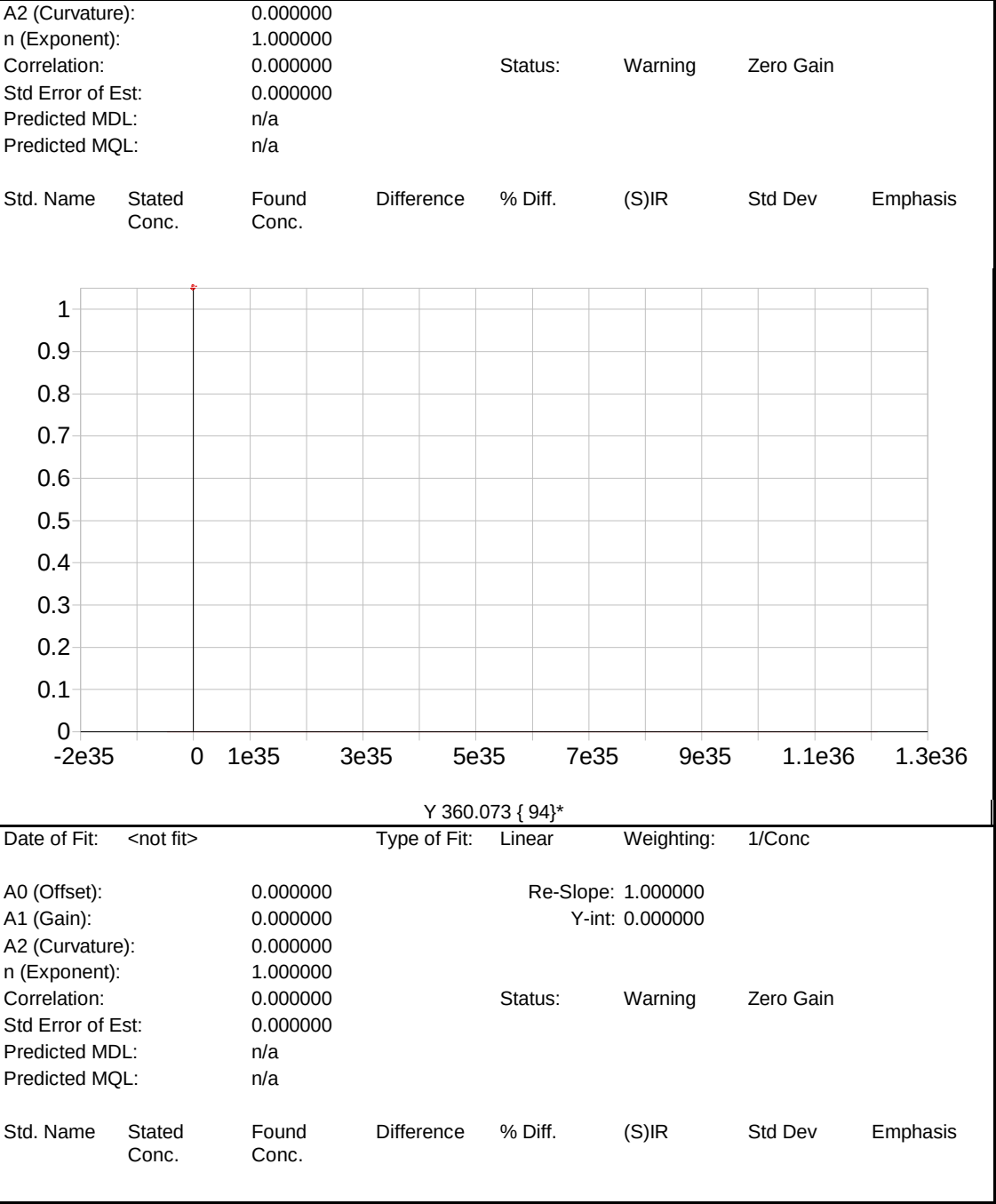
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00239	.001	1
S1	.10000	.10575	.006	5.75	.05142	.001	1
S2	1.2500	1.3018	.052	4.14	.60589	.001	1
S3	2.5000	2.5664	.066	2.66	1.1921	.003	1
S4	5.0000	4.9502	-.050	-.996	2.2973	.011	1
S5	10.000	9.9258	-.074	-.742	4.6039	.014	1

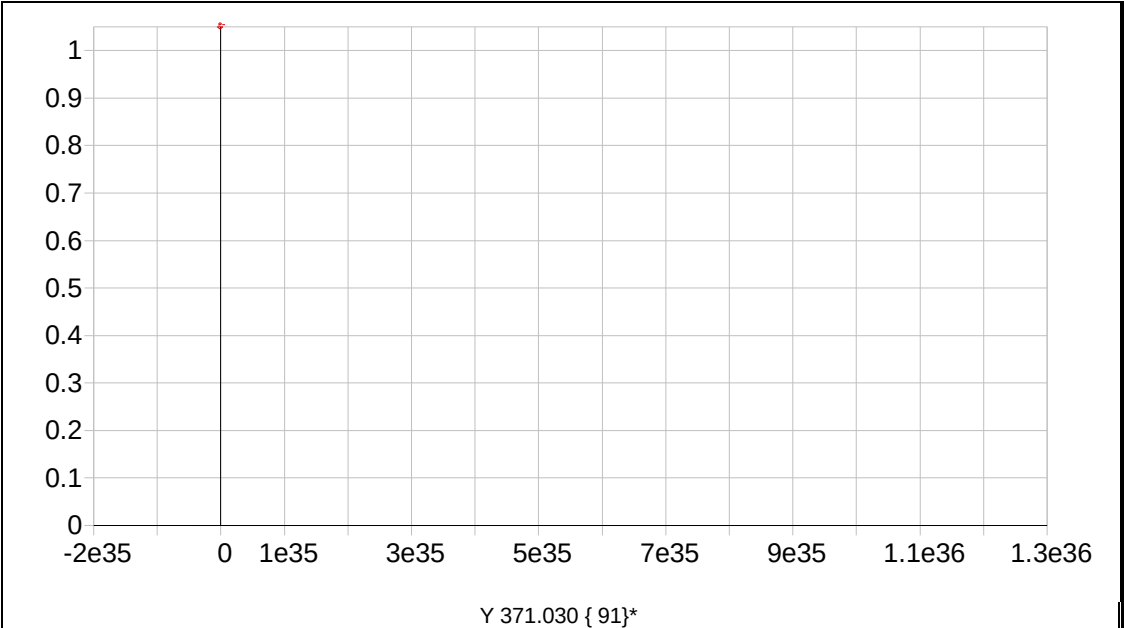




Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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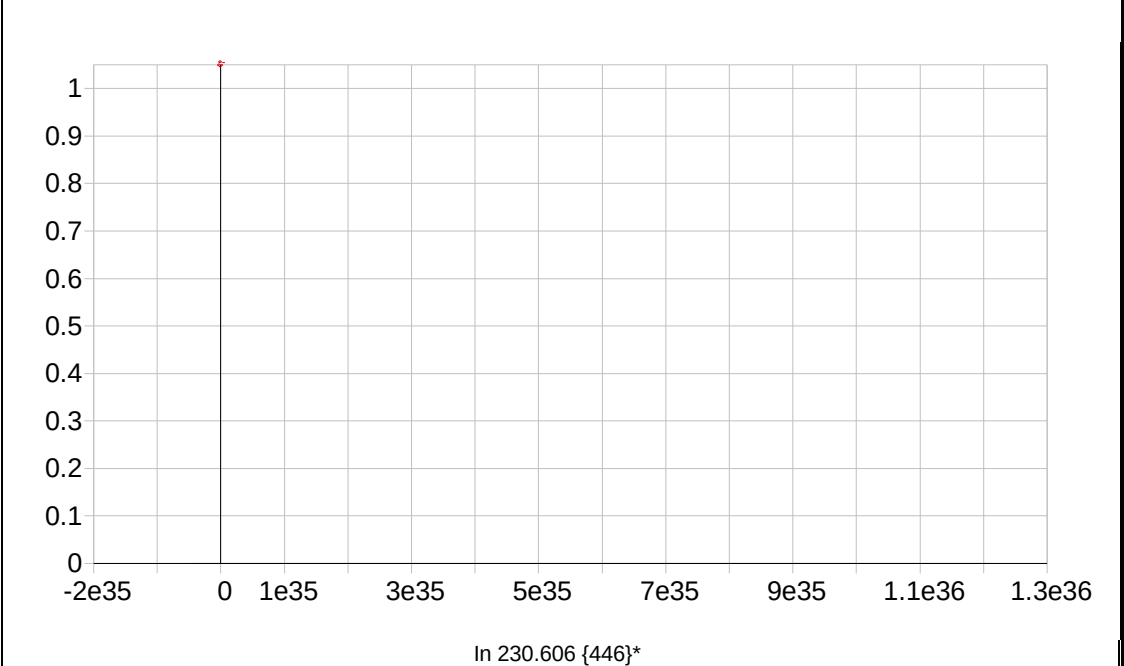




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

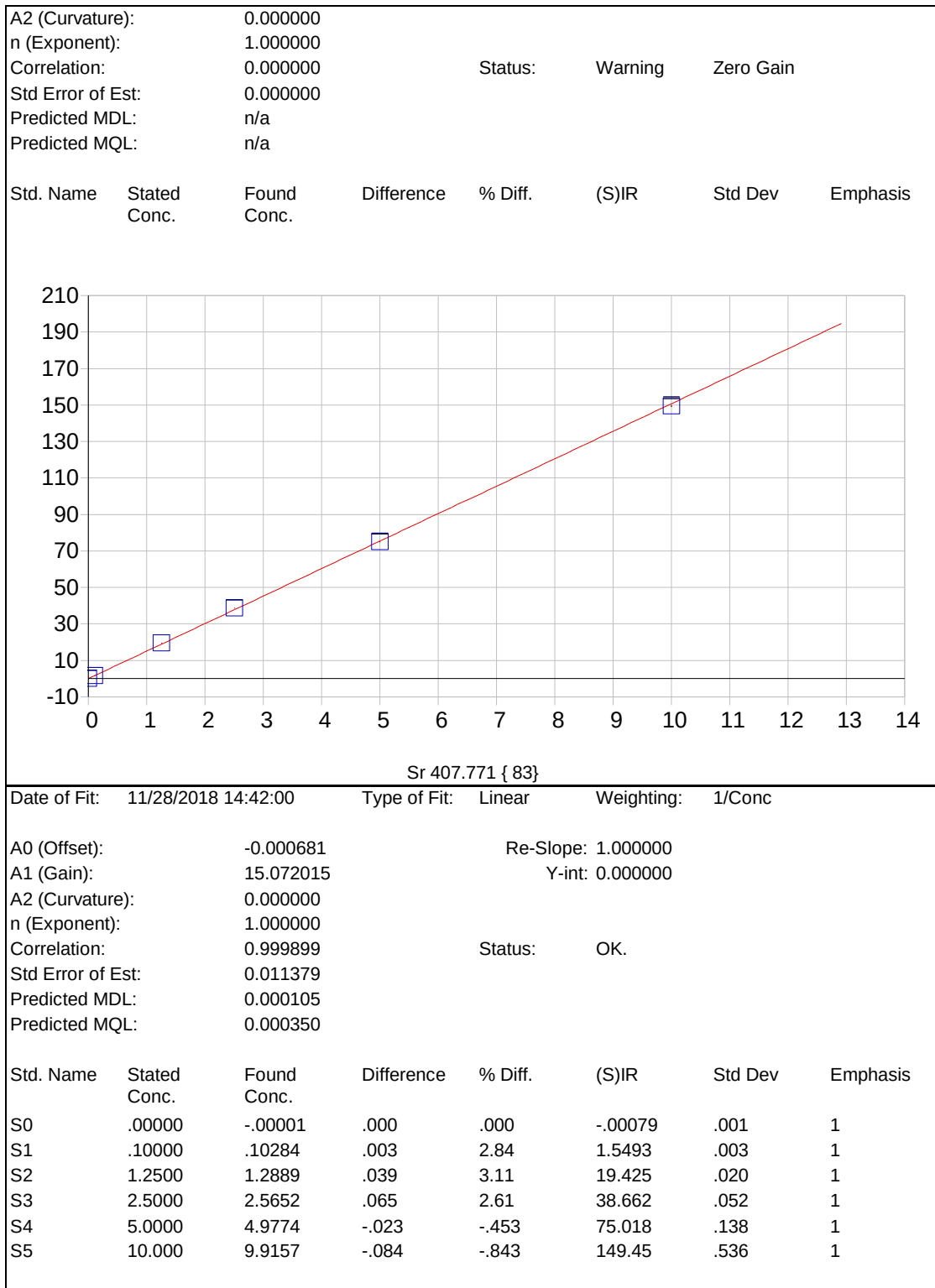
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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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: 11/28/2018 12:01:13 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00028	-.00050	.00003	.00038	.00047	.00484	.01600	-.00450
Stddev	.00011	.00002	.00004	.00011	.00018	.00060	.00189	.00061
%RSD	38.524	3.6175	152.33	29.269	37.908	12.371	11.805	13.668
#1	-.00039	-.00052	-.00001	.00049	.00039	.00478	.01818	-.00404
#2	-.00025	-.00048	.00002	.00027	.00067	.00427	.01479	-.00520
#3	-.00018	-.00050	.00008	.00039	.00034	.00546	.01503	-.00426
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	-.00026	.00326	.00000	.00003	.00166	-.00007	-.00020	-.00013
Stddev	.00017	.00135	.0001	.00032	.00124	.00028	.00013	.00010
%RSD	67.619	41.320	3060.3	1242.6	74.709	399.36	66.568	81.258
#1	-.00020	.00372	-.00007	.00034	.00070	.00025	-.00010	-.00002
#2	-.00045	.00174	.00004	-.00031	.00122	-.00018	-.00015	-.00022
#3	-.00012	.00431	.00002	.00005	.00307	-.00028	-.00035	-.00014
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	-.00144	-.00006	-.00747	.00004	-.00010	.05145	-.00082	.01155
Stddev	.00011	.00019	.00361	.00003	.00018	.00197	.00008	.00038
%RSD	7.4347	324.11	48.310	76.427	180.60	3.8243	10.197	3.2738
#1	-.00153	-.00027	-.00348	.00003	-.00005	.04952	-.00073	.01143
#2	-.00146	.00011	-.01051	.00007	.00005	.05346	-.00090	.01197
#3	-.00132	-.00003	-.00842	.00001	-.00031	.05138	-.00083	.01124
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	.00073	.00021	.01477	.00026	.00239	.02081	-.00079	
Stddev	.00011	.00005	.00029	.00011	.00122	.00202	.00085	
%RSD	15.199	21.541	1.9525	44.047	51.072	9.7285	107.33	
#1	.00071	.00022	.01444	.00039	.00293	.02017	-.00033	
#2	.00084	.00025	.01497	.00017	.00325	.01918	-.00177	
#3	.00062	.00016	.01490	.00023	.00099	.02308	-.00027	

Sample Name: S0 Acquired: 11/28/2018 12:01:13 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1390.8	2741.3	31135.	2809.5	3290.2
Stddev	7.9	3.8	92.	26.8	10.2
%RSD	.56938	.13885	.29489	.95410	.31084
#1	1387.1	2736.9	31041.	2837.4	3280.0
#2	1399.9	2744.1	31225.	2784.0	3290.0
#3	1385.4	2742.7	31137.	2807.1	3300.4

Sample Name: S1 Acquired: 11/28/2018 12:05:19 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00013	.00091	.00246	.00350	.00921	.02506	.92825	.06023
Stddev	.00018	.00013	.00021	.00006	.00006	.00027	.00587	.00133
%RSD	135.50	14.497	8.7382	1.6621	.63151	1.0581	.63237	2.2002
#1	.00002	.00100	.00229	.00348	.00916	.02537	.93304	.05883
#2	.00004	.00076	.00270	.00346	.00927	.02489	.93000	.06040
#3	.00033	.00097	.00238	.00357	.00920	.02493	.92170	.06146
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	.01715	.31535	.00207	.04807	.00725	.00199	.00381	.03534
Stddev	.00011	.00019	.00009	.00062	.00074	.00031	.00008	.00081
%RSD	.63049	.06057	4.2682	1.2936	10.141	15.798	2.0341	2.2904
#1	.01703	.31526	.00209	.04742	.00644	.00222	.00385	.03541
#2	.01724	.31557	.00197	.04814	.00744	.00163	.00373	.03450
#3	.01719	.31522	.00215	.04866	.00788	.00212	.00387	.03612
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	.02143	.00442	.05689	.00384	.00264	.22723	-.00051	.02285
Stddev	.00019	.00012	.00121	.00011	.00060	.00265	.00016	.00078
%RSD	.88485	2.6355	2.1213	2.7643	22.845	1.1654	31.014	3.3937
#1	.02121	.00440	.05634	.00380	.00234	.22431	-.00045	.02371
#2	.02156	.00454	.05827	.00396	.00225	.22948	-.00069	.02220
#3	.02152	.00431	.05605	.00375	.00333	.22789	-.00040	.02264
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	.00930	.00352	.13022	.00085	.05142	.12163	1.5493	
Stddev	.00002	.00016	.00104	.00019	.00077	.00182	.0034	
%RSD	.21806	4.5123	.80233	22.120	1.5003	1.5004	.22052	
#1	.00931	.00370	.12910	.00063	.05214	.12104	1.5527	
#2	.00928	.00344	.13117	.00093	.05152	.12367	1.5493	
#3	.00931	.00342	.13039	.00098	.05060	.12016	1.5458	

Sample Name: S1 Acquired: 11/28/2018 12:05:19 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1383.9	2679.8	31063.	2800.2	3251.0
Stddev	6.8	6.7	86.	10.6	2.7
%RSD	.49068	.24821	.27600	.37747	.08261
#1	1379.6	2686.0	30970.	2804.2	3253.5
#2	1391.7	2680.6	31139.	2788.3	3251.5
#3	1380.3	2672.8	31080.	2808.3	3248.1

Sample Name: S2 Acquired: 11/28/2018 12:09:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05396	.07231	1.4972	.10095	.17322	3.5926	11.066	1.6345
Stddev	.00002	.00028	.0073	.00027	.00044	.0069	.012	.0220
%RSD	.03550	.38825	.48554	.26935	.25277	.19168	.10540	1.3477

#1	.05397	.07217	1.4985	.10116	.17364	3.5999	11.076	1.6571
#2	.05395	.07213	1.4894	.10064	.17277	3.5917	11.053	1.6331
#3	.05394	.07264	1.5037	.10104	.17324	3.5862	11.068	1.6131

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	2.0518	3.7983	.71330	.58351	.71898	.63277	.98126	.45458
Stddev	.0065	.0181	.00022	.00170	.00102	.00353	.00753	.00246
%RSD	.31501	.47642	.03123	.29098	.14123	.55722	.76727	.54057

#1	2.0517	3.8130	.71316	.58495	.72014	.63678	.98643	.45493
#2	2.0454	3.8037	.71318	.58164	.71830	.63136	.98473	.45684
#3	2.0583	3.7781	.71355	.58395	.71848	.63016	.97262	.45197

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	.33280	.14103	.46668	.04172	.16887	1.4046	.05401	1.4366
Stddev	.00068	.00014	.00562	.00057	.00231	.0041	.00054	.0191
%RSD	.20435	.09802	1.2045	1.3565	1.3685	.29227	1.0021	1.3276

#1	.33288	.14118	.47313	.04194	.16642	1.4019	.05409	1.4568
#2	.33208	.14100	.46280	.04108	.17101	1.4093	.05343	1.4342
#3	.33344	.14091	.46412	.04215	.16917	1.4026	.05450	1.4189

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	1.0061	.04314	1.4583	.11224	.60589	2.6010	19.425	
Stddev	.0029	.00010	.0211	.00045	.00132	.0046	.020	
%RSD	.29239	.22901	1.4495	.40257	.21709	.17767	.10121	

#1	1.0083	.04314	1.4821	.11197	.60590	2.6064	19.404	
#2	1.0027	.04325	1.4510	.11199	.60458	2.5980	19.431	
#3	1.0071	.04305	1.4417	.11276	.60721	2.5987	19.442	

Sample Name: S2 Acquired: 11/28/2018 12:09:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1353.9	2623.6	31109.	2764.2	3112.3
Stddev	3.4	6.9	105.	22.9	10.6
%RSD	.25310	.26192	.33680	.82841	.34176
#1	1357.3	2619.2	31226.	2740.5	3109.8
#2	1353.9	2631.5	31079.	2765.8	3123.9
#3	1350.4	2620.1	31023.	2786.2	3103.1

Sample Name: S3 Acquired: 11/28/2018 12:13:21 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.10888	.14545	3.0202	.19824	.34520	7.1777	22.286	3.2010
Stddev	.00074	.00062	.0069	.00021	.00124	.0250	.067	.0145
%RSD	.68195	.42624	.22942	.10652	.35912	.34828	.30022	.45325

#1	.10954	.14562	3.0249	.19800	.34594	7.1613	22.209	3.2141
#2	.10903	.14476	3.0122	.19839	.34377	7.2065	22.333	3.2036
#3	.10808	.14596	3.0233	.19834	.34589	7.1653	22.315	3.1854

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	4.1002	7.4104	1.4085	1.1772	1.4153	1.2311	1.9052	.89875
Stddev	.0078	.0570	.0040	.0026	.0027	.0152	.0126	.00543
%RSD	.19084	.76862	.28077	.22446	.19356	1.2318	.66103	.60469

#1	4.0945	7.4246	1.4095	1.1759	1.4124	1.2414	1.9131	.90355
#2	4.0970	7.4589	1.4119	1.1754	1.4179	1.2382	1.9118	.89986
#3	4.1092	7.3477	1.4042	1.1802	1.4156	1.2137	1.8907	.89285

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	.67126	.29104	.93574	.08265	.34696	2.7706	.11160	2.8596
Stddev	.00114	.00124	.00368	.00076	.00342	.0074	.00038	.0215
%RSD	.17034	.42487	.39303	.91858	.98680	.26791	.33719	.75211

#1	.67130	.29000	.93498	.08190	.34935	2.7746	.11159	2.8786
#2	.67009	.29241	.93974	.08342	.34304	2.7751	.11123	2.8641
#3	.67238	.29070	.93250	.08263	.34850	2.7620	.11198	2.8362

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	2.0221	.08888	2.8512	.22759	1.1921	5.2340	38.662	
Stddev	.0017	.00058	.0204	.00059	.0031	.0205	.052	
%RSD	.08629	.65483	.71705	.25875	.25738	.39205	.13529	

#1	2.0223	.08841	2.8558	.22691	1.1902	5.2106	38.708	
#2	2.0237	.08870	2.8691	.22794	1.1957	5.2488	38.673	
#3	2.0202	.08953	2.8289	.22792	1.1906	5.2427	38.605	

Sample Name: S3 Acquired: 11/28/2018 12:13:21 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1299.0	2541.2	30733.	2760.9	2971.1
Stddev	1.6	3.4	90.	22.9	6.3
%RSD	.12155	.13267	.29341	.82829	.21146
#1	1297.2	2537.4	30633.	2743.2	2965.8
#2	1299.7	2542.6	30759.	2752.9	2978.0
#3	1300.2	2543.7	30808.	2786.7	2969.5

Sample Name: S4 Acquired: 11/28/2018 12:17:13 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.21582	.27931	5.9354	.37828	.67790	14.042	43.454	6.0749
Stddev	.00091	.00051	.0076	.00031	.00145	.043	.028	.0537
%RSD	.42076	.18398	.12892	.08308	.21446	.30530	.06530	.88397

#1	.21549	.27970	5.9293	.37818	.67697	14.027	43.436	6.0357
#2	.21685	.27951	5.9440	.37863	.67958	14.010	43.487	6.0529
#3	.21512	.27873	5.9331	.37803	.67715	14.091	43.439	6.1361

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.9617	14.352	2.6740	2.3029	2.7283	2.3340	3.6220	1.7492
Stddev	.0130	.083	.0085	.0025	.0034	.0170	.0247	.0102
%RSD	.16314	.58020	.31800	.10942	.12653	.72650	.68211	.58189

#1	7.9467	14.357	2.6739	2.3013	2.7244	2.3403	3.6316	1.7494
#2	7.9692	14.266	2.6825	2.3058	2.7294	2.3148	3.5939	1.7389
#3	7.9692	14.432	2.6655	2.3016	2.7310	2.3470	3.6405	1.7593

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	1.3023	.57630	1.8181	.15845	.69333	5.4077	.22302	5.5393
Stddev	.0018	.00269	.0066	.00042	.00459	.0210	.00065	.0626
%RSD	.13430	.46643	.36105	.26383	.66265	.38918	.28935	1.1295

#1	1.3006	.57530	1.8175	.15839	.69656	5.3984	.22249	5.4982
#2	1.3041	.57934	1.8119	.15807	.69536	5.3929	.22373	5.5085
#3	1.3021	.57425	1.8249	.15890	.68807	5.4318	.22282	5.6113

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	3.9645	.17912	5.4128	.44816	2.2973	10.291	75.018	
Stddev	.0062	.00083	.0662	.00164	.0109	.023	.138	
%RSD	.15659	.46391	1.2222	.36562	.47487	.22456	.18461	

#1	3.9579	.17836	5.3634	.44659	2.2865	10.267	75.099	
#2	3.9702	.18001	5.3870	.44986	2.2969	10.292	74.858	
#3	3.9655	.17900	5.4880	.44803	2.3084	10.313	75.097	

Sample Name: S4 Acquired: 11/28/2018 12:17:13 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1252.9	2442.8	30799.	2786.6	2830.2
Stddev	6.0	4.8	141.	23.5	2.6
%RSD	.47833	.19780	.45626	.84236	.09016
#1	1247.7	2441.2	30637.	2790.6	2830.2
#2	1259.5	2439.0	30884.	2807.8	2827.7
#3	1251.6	2448.3	30876.	2761.4	2832.8

Sample Name: S5 Acquired: 11/28/2018 12:21:03 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.45267	.55040	12.146	.75244	1.4201	29.047	87.482	12.069
Stddev	.00113	.00086	.012	.00030	.0023	.046	.373	.071
%RSD	.24888	.15557	.10283	.04013	.16373	.15880	.42692	.59130

#1	.45182	.54961	12.156	.75214	1.4187	29.093	87.755	12.028
#2	.45225	.55131	12.151	.75243	1.4189	29.000	87.636	12.151
#3	.45395	.55029	12.132	.75274	1.4228	29.048	87.057	12.027

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	16.008	29.049	5.2639	4.6949	5.5170	4.6420	7.1908	3.5946
Stddev	.022	.075	.0077	.0073	.0124	.0088	.0111	.0090
%RSD	.13732	.25939	.14703	.15580	.22504	.19048	.15455	.25056

#1	16.005	29.001	5.2716	4.7022	5.5307	4.6390	7.1930	3.5847
#2	16.031	29.011	5.2642	4.6951	5.5138	4.6351	7.1788	3.5971
#3	15.987	29.136	5.2561	4.6876	5.5064	4.6520	7.2007	3.6021

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.6304	1.1977	3.7424	.31849	1.4956	11.191	.46323	11.189
Stddev	.0015	.0006	.0028	.00123	.0106	.013	.00080	.065
%RSD	.05610	.05164	.07551	.38610	.71032	.11252	.17241	.57897

#1	2.6298	1.1971	3.7397	.31853	1.5029	11.185	.46264	11.137
#2	2.6293	1.1978	3.7454	.31724	1.4834	11.206	.46291	11.262
#3	2.6321	1.1983	3.7422	.31970	1.5005	11.183	.46414	11.169

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	8.2458	.37508	10.803	.91446	4.6039	21.493	149.45	
Stddev	.0082	.00154	.050	.00068	.0142	.038	.54	
%RSD	.09922	.40934	.46693	.07452	.30864	.17845	.35838	

#1	8.2375	.37364	10.760	.91421	4.6152	21.537	149.28	
#2	8.2460	.37492	10.858	.91394	4.5880	21.465	150.05	
#3	8.2538	.37670	10.789	.91523	4.6085	21.477	149.02	

Sample Name: S5 Acquired: 11/28/2018 12:21:03 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1118.2	2217.9	29735.	2701.1	2582.9
Stddev	4.2	3.3	78.	9.9	4.5
%RSD	.37382	.15078	.26226	.36510	.17459
#1	1114.5	2214.3	29646.	2709.6	2578.3
#2	1122.7	2220.8	29767.	2690.3	2583.2
#3	1117.4	2218.6	29792.	2703.3	2587.3

Sample Name: S6 Acquired: 11/28/2018 12:25:08 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	80.886	48.825	12.950	6.0581	10.898
Stddev	.353	.441	.148	.0704	.083
%RSD	.43631	.90290	1.1413	1.1619	.75815

#1	80.740	48.583	12.881	6.0178	10.824
#2	81.288	49.333	13.120	6.1394	10.988
#3	80.629	48.557	12.850	6.0171	10.883

Int. Std.	Y_3710
Units	Cts/S
Avg	2649.6
Stddev	20.1
%RSD	.75780

#1	2664.1
#2	2626.7
#3	2658.0

Sample Name: ICV Acquired: 11/28/2018 12:50:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9595234	1.028704	.9284212	1.043633	.9135571	2.375543	.4990956
Stddev	.0039154	.006984	.0033440	.004483	.0012835	.016436	.0014078
%RSD	.4080533	.6789133	.3601785	.4295156	.1404976	.6918696	.2820784

#1	.9567762	1.030050	.9314826	1.040143	.9146546	2.393311	.5007111
#2	.9577872	1.021145	.9248526	1.048688	.9121457	2.360883	.4981307
#3	.9640066	1.034917	.9289285	1.042068	.9138709	2.372435	.4984451

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4828730	.5046852	9.755546	.5286715	.4967657	.5053908	5.198017
Stddev	.0009742	.0009195	.026339	.0003372	.0005960	.0042135	.039017
%RSD	.2017592	.1821970	.2699907	.0637781	.1199719	.8337168	.7506158

#1	.4835473	.5050003	9.732344	.5290601	.4962569	.5095520	5.199432
#2	.4833157	.5036495	9.784176	.5284557	.4966188	.5054935	5.236307
#3	.4817560	.5054057	9.750118	.5284987	.4974214	.5011269	5.158312

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5001402	5.658652	.5098641	.4568201	9.231460	.4797078	.9334039
Stddev	.0019913	.016306	.0002716	.0014354	.105782	.0046744	.0127186
%RSD	.3981409	.2881567	.0532640	.3142067	1.145885	.9744179	1.362604

#1	.5010721	5.655509	.5101174	.4564691	9.248651	.4831322	.9204884
#2	.5014947	5.676300	.5095773	.4583984	9.118136	.4816087	.9338072
#3	.4978539	5.644146	.5098976	.4555928	9.327594	.4743825	.9459160

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.149392	5.265509	5.468471	4.988414	5.079373	4.922677	4.948979
Stddev	.046988	.001421	.012374	.004337	.010632	.014683	.004694
%RSD	.5135673	.0269924	.2262843	.0869378	.2093260	.2982767	.0948381

#1	9.121152	5.264400	5.482759	4.991638	5.085697	4.937290	4.954231
#2	9.123390	5.267111	5.461388	4.983484	5.067098	4.922817	4.947510
#3	9.203634	5.265015	5.461265	4.990121	5.085325	4.907924	4.945195

Sample Name: ICV Acquired: 11/28/2018 12:50:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.210010	5.188186	5.243977
Stddev	.008978	.026044	.015909
%RSD	.1723276	.5019886	.3033813

#1	5.212399	5.217015	5.260358
#2	5.200079	5.181186	5.242987
#3	5.217552	5.166357	5.228586

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1388.116	2704.894	31661.10	2861.569	3278.594
Stddev	6.128	2.923	203.24	8.938	4.511
%RSD	.4414837	.1080502	.6419120	.3123593	.1375761

#1	1389.248	2705.558	31554.60	2855.508	3277.075
#2	1393.600	2707.428	31895.45	2871.834	3283.668
#3	1381.501	2701.697	31533.25	2857.365	3275.038

Sample Name: ICB Acquired: 11/28/2018 12:54:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) 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	.0003482	-.001939	.0000578	.0011455	.0015270	.0089183	-.000333
Stddev	.0010820	.001406	.0013778	.0024837	.0019456	.0135109	.000862
%RSD	310.7832	72.54239	2381.728	216.8293	127.4143	151.4964	258.5317

#1	-.000253	-.001296	.0002355	-.000801	.0037734	.0236294	-.001218
#2	-.000300	-.000968	.0013382	.000295	.0004232	.0060607	.000503
#3	.001597	-.003552	-.001400	.003943	.0003843	-.002935	-.000285

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000056	-.000012	.0019301	-.000299	.0000886	.0033817	.0218319
Stddev	.000049	.000023	.0043554	.000211	.0001550	.0010215	.0095179
%RSD	87.30643	194.3447	225.6526	70.73987	174.9042	30.20644	43.59626

#1	-.000111	-.000029	.0035863	-.000069	-.000090	.0039464	.0114097
#2	-.000036	-.000021	.0052145	-.000343	.000186	.0022026	.0300636
#3	-.000020	.000014	-.003010	-.000484	.000170	.0039962	.0240225

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002101	-.016761	-.000136	-.000102	.0827715	.0093615	-.004487
Stddev	.0009102	.033648	.000187	.000342	.0703633	.0073838	.008261
%RSD	433.1922	200.7549	137.6769	334.3066	85.00910	78.87442	184.1236

#1	-.000715	-.052454	-.000326	-.000156	.0041817	.0048429	-.005001
#2	.001104	.014379	.000048	-.000415	.1042136	.0178824	.004020
#3	.000242	-.012207	-.000130	.000264	.1399193	.0053592	-.012479

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4356139	.0007816	.0024070	.0003682	-.000901	.0064726	.0046279
Stddev	.0803805	.0018269	.0001894	.0001513	.001728	.0008733	.0017743
%RSD	18.45223	233.7457	7.868434	41.10007	191.8282	13.49204	38.33950

#1	.3428329	.0027775	.0025164	.0003415	-.000969	.0074810	.0059411
#2	.4841921	-.000808	.0025164	.0005311	.000860	.0059667	.0053331
#3	.4798167	.000375	.0021883	.0002320	-.002594	.0059702	.0026094

Sample Name: ICB Acquired: 11/28/2018 12:54:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) 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	.0003771	.0094617	-.000078
Stddev	.0007812	.0005709	.000096
%RSD	207.1542	6.033958	122.3748

#1	-.000520	.0094660	.000005
#2	.000908	.0100304	-.000183
#3	.000744	.0088886	-.000056

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1384.176	2700.845	31338.32	2859.497	3279.763
Stddev	2.550	8.300	43.03	7.142	4.854
%RSD	.1841895	.3073041	.1373056	.2497769	.1479885

#1	1383.382	2698.855	31337.99	2867.625	3275.122
#2	1382.119	2693.721	31295.46	2854.221	3279.363
#3	1387.028	2709.959	31381.52	2856.647	3284.805

Sample Name: CCV028 Acquired: 11/28/2018 13:14:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV028 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.851833	4.867813	24.42178	4.848551	5.012299	394.8534	10.05262
Stddev	.010702	.023729	.07274	.016229	.009493	2.6089	.05601
%RSD	.2205800	.4874736	.2978307	.3347152	.1893893	.6607234	.5571282

#1	4.839475	4.894288	24.49706	4.858957	5.015993	393.6146	10.04935
#2	4.858089	4.860689	24.35188	4.856845	5.019390	397.8509	10.11019
#3	4.857934	4.848461	24.41639	4.829851	5.001515	393.0947	9.99832

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4956448	2.506541	398.8076	15.20023	2.519331	14.78332	403.7221
Stddev	.0049331	.007488	4.1858	.02071	.006688	.04813	4.4225
%RSD	.9952829	.2987366	1.049573	.1362435	.2654736	.3255822	1.095424

#1	.4956763	2.515140	396.3856	15.20209	2.526316	14.78651	400.7607
#2	.5005620	2.503028	403.6409	15.21994	2.512986	14.82978	408.8057
#3	.4906960	2.501456	396.3962	15.17865	2.518693	14.73367	401.5999

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.83078	411.6085	2.509425	1.247148	397.3162	2.489252	15.01163
Stddev	.16348	4.6123	.008042	.001661	2.5256	.020413	.09601
%RSD	1.102273	1.120561	.3204851	.1332125	.6356546	.8200258	.6395557

#1	14.70060	407.8557	2.516506	1.246000	396.4495	2.479614	14.98661
#2	15.01426	416.7576	2.500681	1.246390	400.1610	2.512699	14.93060
#3	14.77750	410.2123	2.511087	1.249053	395.3381	2.475443	15.11766

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.8436	5.081853	5.110652	4.987520	5.127008	4.904902	5.016291
Stddev	.6811	.025020	.056248	.014047	.008065	.056994	.011714
%RSD	.4456484	.4923332	1.100610	.2816507	.1572951	1.161971	.2335240

#1	152.6925	5.087760	5.119104	4.999947	5.119538	4.909529	5.024875
#2	153.5876	5.054408	5.162197	4.990333	5.125927	4.959441	5.021053
#3	152.2506	5.103391	5.050657	4.972278	5.135558	4.845736	5.002946

Sample Name: CCV028 Acquired: 11/28/2018 13:14:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV028 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.963615	5.136602	5.089935
Stddev	.036513	.039689	.014036
%RSD	.7356068	.7726629	.2757668

#1	4.933666	5.119053	5.094692
#2	5.004289	5.182040	5.100976
#3	4.952890	5.108713	5.074139

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1174.444	2260.667	29322.77	2682.611	2579.500
Stddev	5.402	10.280	45.86	23.337	12.018
%RSD	.4599493	.4547496	.1564043	.8699331	.4659131

#1	1168.721	2250.696	29271.42	2681.331	2565.824
#2	1179.454	2260.073	29337.24	2659.940	2584.300
#3	1175.158	2271.231	29359.66	2706.561	2588.377

Sample Name: CCB028 Acquired: 11/28/2018 13:23:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB028 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000442	.0002722	-.000366	.0049137	.0003799	.0015836	-.000104
Stddev	.003296	.0023596	.000681	.0026137	.0017059	.0034189	.001036
%RSD	745.1624	866.8114	185.9966	53.19153	449.0061	215.9002	997.2105

#1	-.003797	-.001095	-.000558	.0051611	-.000195	.0018751	.000604
#2	.002792	.002997	-.000929	.0021851	-.000965	.0048474	.000378
#3	-.000322	-.001085	.000390	.0073948	.002299	-.001972	-.001293

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000024	-.000052	.0306671	.0000023	.0002120	.0043245	.0233782
Stddev	.000120	.000047	.0260088	.0004401	.0003413	.0006947	.0146749
%RSD	495.1409	90.22885	84.81004	18792.42	160.9910	16.06348	62.77174

#1	.000012	-.000065	.0594000	.0004579	.0003164	.0042125	.0333348
#2	-.000158	-.000092	.0087328	-.000420	-.000169	.0036927	.0302744
#3	.000073	-.000000	.0238685	-.000030	.000489	.0050684	.0065255

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012532	-.070107	.0003021	-.000198	-.036844	-.002801	-.002915
Stddev	.0012264	.025228	.0003837	.000306	.296613	.004916	.003601
%RSD	97.85983	35.98544	127.0225	154.8618	805.0459	175.5365	123.5300

#1	.0010803	-.045077	.0004317	.000156	-.329045	.001199	.000632
#2	.0025568	-.095529	-.000130	-.000367	-.045479	-.008290	-.002809
#3	.0001224	-.069716	.000604	-.000382	.263992	-.001312	-.006568

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1232769	-.001536	.0043274	.0001983	-.004045	.0004422	.0011121
Stddev	.0550780	.002372	.0008571	.0001217	.005393	.0009346	.0011007
%RSD	44.67828	154.4204	19.80588	61.34625	133.3108	211.3410	98.97807

#1	.1169545	-.003749	.0042830	.0001586	-.006945	.0015193	.0017304
#2	.0716329	-.001828	.0052058	.0003348	-.007369	-.000154	-.000159
#3	.1812432	.000968	.0034933	.0001015	.002177	-.000039	.001765

Sample Name: CCB028 Acquired: 11/28/2018 13:23:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB028 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002121	.0071558	-.000070
Stddev	.000514	.0009603	.000092
%RSD	24.25276	13.41957	131.6105

#1	-.002112	.0064033	-.000156
#2	-.001610	.0082373	-.000081
#3	-.002639	.0068268	.000027

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1372.929	2664.411	30986.70	2824.074	3230.735
Stddev	6.971	6.200	159.41	19.743	.734
%RSD	.5077191	.2326802	.5144398	.6991103	.0227208

#1	1379.752	2669.093	31044.68	2801.793	3231.376
#2	1365.819	2666.759	30806.42	2831.035	3230.895
#3	1373.217	2657.380	31109.01	2839.393	3229.934

Sample Name: FE 100PPM Acquired: 11/28/2018 13:27:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020944	-.011833	.0030979	-.012991	.0035344	.0042762	-.000209
Stddev	.0013660	.001189	.0004806	.001539	.0003033	.0063018	.000165
%RSD	65.22034	10.04969	15.51276	11.85002	8.582314	147.3689	78.83255

#1	.0033995	-.011518	.0036321	-.012151	.0031844	.0007518	-.000103
#2	.0022088	-.010834	.0029608	-.012055	.0037214	.0005251	-.000399
#3	.0006748	-.013148	.0027008	-.014768	.0036973	.0115517	-.000125

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010429	.0025993	-1.52170	-.000364	.0078450	-.010627	103.8857
Stddev	.0000437	.0000108	.03837	.000459	.0002618	.002005	.3917
%RSD	4.191855	.4137282	2.521297	126.0305	3.336797	18.86909	.3770863

#1	.0010703	.0026117	-1.48149	.000053	.0080672	-.011401	103.4588
#2	.0010660	.0025917	-1.52569	-.000290	.0075565	-.012130	103.9696
#3	.0009925	.0025947	-1.55791	-.000855	.0079114	-.008350	104.2287

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002951	-.025670	.0045813	-.002898	.3802921	.0003056	.0107155
Stddev	.000831	.119292	.0002923	.000114	.1911949	.0080741	.0061600
%RSD	28.14501	464.7134	6.380333	3.919921	50.27580	2642.170	57.48622

#1	-.002025	.086100	.0048221	-.002848	.5616993	.0054234	.0145930
#2	-.003629	-.151277	.0042561	-.002819	.1806203	-.009002	.0036126
#3	-.003201	-.011833	.0046658	-.003029	.3985568	.004495	.0139410

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004015	.0011235	-.255456	-.000578	-.001534	-.001075	.0024312
Stddev	.0373018	.0025001	.000575	.000266	.001358	.001193	.0011706
%RSD	9291.302	222.5180	.2252547	45.95240	88.53140	110.9537	48.14929

#1	.0422498	.0039102	-.254899	-.000694	-.000255	-.000483	.0035433
#2	-.011693	-.000923	-.256048	-.000274	-.001389	-.002448	.0012098
#3	-.029353	.000383	-.255421	-.000765	-.002959	-.000294	.0025404

Sample Name: FE 100PPM Acquired: 11/28/2018 13:27:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001216	.0040396	-.000025
Stddev	.001191	.0008177	.000057
%RSD	97.96292	20.24204	231.6653

#1	-.000443	.0033544	.000038
#2	-.000617	.0049448	-.000039
#3	-.002588	.0038196	-.000072

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1413.301	2741.049	31924.08	2883.193	3317.348
Stddev	5.217	6.706	74.97	8.434	3.763
%RSD	.3691310	.2446441	.2348398	.2925282	.1134235

#1	1419.261	2733.348	31915.31	2875.699	3313.513
#2	1411.078	2745.594	32003.06	2881.553	3317.497
#3	1409.563	2744.206	31853.89	2892.327	3321.034

Sample Name: FE 250PPM Acquired: 11/28/2018 13:31:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006299	-.030747	.0062958	-.033608	.0061042	-.007776	.0008454
Stddev	.000817	.000427	.0011237	.002019	.0015198	.004593	.0007205
%RSD	12.96471	1.387863	17.84762	6.007494	24.89693	59.05899	85.21687

#1	-.006454	-.031205	.0067640	-.032362	.0076919	-.002482	.0010177
#2	-.005416	-.030361	.0071097	-.032525	.0046630	-.010163	.0000545
#3	-.007027	-.030673	.0050138	-.035938	.0059576	-.010684	.0014642

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024515	.0064966	-3.78197	-.001543	.0191956	-.020808	253.6188
Stddev	.0000619	.0000841	.03956	.000824	.0004588	.003530	1.0159
%RSD	2.524491	1.294769	1.045927	53.39954	2.390296	16.96378	.4005442

#1	.0025229	.0064218	-3.81741	-.000622	.0189717	-.017352	252.7283
#2	.0024192	.0064803	-3.73929	-.002210	.0188918	-.020663	253.4028
#3	.0024125	.0065877	-3.78922	-.001799	.0197234	-.024407	254.7253

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007437	-.014677	.0109492	-.007290	1.126633	.0010186	.0244038
Stddev	.000792	.044233	.0003319	.000154	.091712	.0028221	.0150534
%RSD	10.64776	301.3716	3.031436	2.111943	8.140331	277.0515	61.68440

#1	-.006578	-.032317	.0107534	-.007391	1.222627	.0006833	.0120966
#2	-.008137	.035654	.0107618	-.007113	1.117363	-.001621	.0411877
#3	-.007597	-.047368	.0113325	-.007367	1.039908	.003993	.0199271

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.029658	.0022520	-.645233	-.001217	-.005266	-.005692	.0025085
Stddev	.053552	.0018441	.003561	.000227	.003237	.000500	.0008925
%RSD	180.5609	81.88737	.5518541	18.67537	61.46639	8.782706	35.57679

#1	-.088363	.0043573	-.648177	-.001066	-.007763	-.005608	.0034188
#2	-.017132	.0014765	-.641275	-.001108	-.006426	-.005239	.0024718
#3	.016520	.0009223	-.646246	-.001479	-.001609	-.006228	.0016350

Sample Name: FE 250PPM Acquired: 11/28/2018 13:31:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000682	.0030977	-.000040
Stddev	.000331	.0010084	.000024
%RSD	48.60724	32.55508	59.43966

#1	-.000727	.0028530	-.000035
#2	-.000330	.0022341	-.000066
#3	-.000989	.0042059	-.000020

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1400.734	2723.193	31777.86	2871.908	3280.398
Stddev	5.507	1.876	48.70	17.748	6.770
%RSD	.3931350	.0688865	.1532589	.6179843	.2063879

#1	1405.109	2723.525	31783.04	2855.923	3278.869
#2	1394.551	2724.881	31726.78	2891.007	3287.802
#3	1402.542	2721.173	31823.77	2868.795	3274.522

Sample Name: CA 250PPM Acquired: 11/28/2018 13:35:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030393	-.000937	-.001327	.0022527	.0019452	.1641686	-.001495
Stddev	.0033391	.002257	.001410	.0045797	.0006824	.0087603	.000972
%RSD	109.8656	240.9380	106.2511	203.3008	35.08228	5.336169	65.05631

#1	.0052571	-.003521	-.002946	.0035515	.0018931	.1555901	-.002578
#2	-.000801	.000066	-.000360	.0060427	.0012902	.1731001	-.000697
#3	.004662	.000645	-.000677	-.002836	.0026521	.1638156	-.001209

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000390	-.000034	261.3018	.0044542	-.001285	.0044131	.1040805
Stddev	.0000657	.000024	1.3095	.0004298	.000016	.0009126	.0222238
%RSD	168.5946	71.22785	.5011609	9.648779	1.268326	20.67868	21.35251

#1	.0000401	-.000049	262.7941	.0040643	-.001277	.0054267	.0861887
#2	-.000027	-.000006	260.7673	.0043833	-.001274	.0036569	.1289578
#3	.000104	-.000046	260.3441	.0049151	-.001304	.0041557	.0970950

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000157	.2100670	.0018016	-.000089	.2109698	-.006858	-.000440
Stddev	.000520	.0111269	.0004347	.000248	.2492649	.004446	.004344
%RSD	330.4543	5.296847	24.12790	278.2131	118.1519	64.83064	986.9656

#1	.000242	.1972254	.0022225	-.000055	-.076193	-.007659	.003297
#2	.000031	.2168458	.0013544	.000140	.337636	-.010849	.000589
#3	-.000745	.2161299	.0018278	-.000353	.371466	-.002066	-.005206

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0189286	.0010525	-.002332	.0002405	.0193011	.0025268	-.005188
Stddev	.0308355	.0009105	.000966	.0001437	.0044841	.0011759	.000341
%RSD	162.9044	86.50433	41.43969	59.74691	23.23211	46.53589	6.571358

#1	.0209777	.0018018	-.001218	.0001579	.0164389	.0032488	-.005249
#2	-.012880	.0000392	-.002949	.0001572	.0244689	.0011700	-.004821
#3	.048688	.0013166	-.002827	.0004064	.0169956	.0031617	-.005494

Sample Name: CA 250PPM Acquired: 11/28/2018 13:35:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.006954	.0089982	.0018395
Stddev	.001553	.0014865	.0000799
%RSD	22.32723	16.52024	4.341022

#1	-.007513	.0091181	.0019123
#2	-.008150	.0074553	.0018521
#3	-.005199	.0104211	.0017541

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1340.467	2584.315	30879.49	2799.452	3117.648
Stddev	2.281	9.763	77.10	18.344	12.792
%RSD	.1701485	.3777950	.2496824	.6552651	.4102936

#1	1342.617	2573.073	30823.37	2778.861	3103.010
#2	1338.075	2590.664	30967.40	2814.049	3126.676
#3	1340.707	2589.209	30847.69	2805.446	3123.259

Sample Name: MG 250PPM Acquired: 11/28/2018 13:39:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001723	.0028001	.0012923	.0004631	-.001357	.0491062
Stddev	.0011817	.0032199	.0016419	.0017156	.000944	.0114562
%RSD	685.6746	114.9941	127.0509	370.4479	69.56212	23.32936

#1	-.000548	-.000883	.0012789	-.000861	-.002439	.0525893
#2	-.000472	.004202	.0029408	-.000150	-.000696	.0584165
#3	.001536	.005081	-.000343	.002401	-.000937	.0363127

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000609	.0000314	.0000968	.2857324	.0095673	.0001752
Stddev	.000180	.0000464	.0000798	.0058983	.0006012	.0002589
%RSD	29.49562	147.4434	82.35369	2.064288	6.283456	147.7792

#1	-.000815	.0000405	.0001683	.2790147	.0097069	.0004741
#2	-.000521	.0000726	.0001114	.2881195	.0089086	.0000274
#3	-.000489	-.000019	.0000108	.2900631	.0100863	.0000241

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005581	.0975867	.0027852	F 255.1210	.0059016	-.000246
Stddev	.0008525	.0161898	.0022692	.5240	.0005750	.000302
%RSD	152.7466	16.59020	81.47375	.2053864	9.743254	122.6798

#1	.0006917	.1159315	.0027277	254.8604	.0052606	-.000474
#2	-.000353	.0852978	.0005453	254.7784	.0060722	.000097
#3	.001336	.0915309	.0050827	255.7241	.0063720	-.000362

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2332410	-.005183	-.001990	-.119510	-.000385	-.002730
Stddev	.1480894	.001249	.012564	.057381	.001550	.000993
%RSD	63.49200	24.09853	631.4730	48.01370	402.9364	36.37392

#1	.3678087	-.006515	.011557	-.101052	-.002162	-.001694
#2	.2573308	-.004039	-.004266	-.183849	.000323	-.002822
#3	.0745836	-.004995	-.013260	-.073629	.000685	-.003673

Sample Name: MG 250PPM Acquired: 11/28/2018 13:39:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019781	.0091970	.0023052	-.000179	.0001355	.0044910
Stddev	.0001609	.0009835	.0014859	.000830	.0027363	.0014636
%RSD	8.135815	10.69350	64.46072	462.6808	2018.709	32.58969

#1	.0021478	.0080648	.0030953	-.000983	.0003501	.0028010
#2	.0018276	.0098396	.0005911	.000675	.0027582	.0053303
#3	.0019589	.0096866	.0032291	-.000230	-.002702	.0053418

Elem	Sr4077
Units	ppm
Avg	.0000313
Stddev	.0000541
%RSD	172.8242

#1	.0000626
#2	.0000625
#3	-.000031

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1381.378	2656.309	31646.03	2867.143	3155.637
Stddev	2.448	4.382	207.80	9.608	2.258
%RSD	.1772421	.1649637	.6566295	.3351190	.0715405

#1	1380.038	2653.637	31434.44	2857.168	3154.581
#2	1379.893	2661.366	31653.84	2876.338	3158.229
#3	1384.204	2653.925	31849.81	2867.923	3154.101

Sample Name: AL 250PPM Acquired: 11/28/2018 13:43:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028198	.0002752	-.015598	.0022801	.0018992	229.3068	-.001365
Stddev	.0055507	.0041068	.000846	.0010798	.0007023	.5399	.000842
%RSD	196.8472	1492.196	5.424760	47.35638	36.97697	.2354610	61.68660

#1	-.003127	-.004005	-.014738	.0018187	.0014199	229.9080	-.002330
#2	.007863	.000648	-.015628	.0035139	.0027053	229.1491	-.000982
#3	.003723	.004183	-.016429	.0015077	.0015724	228.8633	-.000782

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000145	-.001184	.0079667	.0026767	.0003305	-.000299	.1081871
Stddev	.0001232	.000049	.0152354	.0002216	.0002237	.002563	.0033604
%RSD	850.2028	4.125349	191.2385	8.278601	67.66300	856.9200	3.106063

#1	-.000052	-.001233	-.009128	.0026059	.0005569	.000789	.1112835
#2	-.000061	-.001135	.020112	.0029250	.0001097	.001541	.1046137
#3	.000157	-.001183	.012917	.0024991	.0003251	-.003227	.1086642

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012342	-.022040	.0006193	-.000406	.3043965	.0044121	.0161935
Stddev	.0007857	.038095	.0005456	.000211	.0809945	.0007204	.0071690
%RSD	63.66077	172.8481	88.09360	51.95308	26.60822	16.32897	44.27085

#1	.0005637	-.023894	.0001299	-.000171	.3977401	.0052060	.0080329
#2	.0020988	-.059174	.0012076	-.000580	.2627575	.0042306	.0190706
#3	.0010402	.016949	.0005205	-.000466	.2526918	.0037998	.0214771

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.095660	.0017351	-.003344	.0009766	.0019647	.0055949	.0012146
Stddev	.071335	.0022647	.000493	.0002161	.0003378	.0007388	.0007038
%RSD	74.57186	130.5249	14.73104	22.12450	17.19470	13.20424	57.94161

#1	-.126289	-.000862	-.003700	.0009666	.0019558	.0056757	.0006482
#2	-.014125	.002769	-.002782	.0011975	.0023069	.0062899	.0020025
#3	-.146565	.003298	-.003549	.0007657	.0016314	.0048190	.0009933

Sample Name: AL 250PPM Acquired: 11/28/2018 13:43:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000729	.0025112	-.000040
Stddev	.000840	.0012949	.000098
%RSD	115.2652	51.56597	247.5069

#1	-.000704	.0019889	-.000045
#2	-.001581	.0039857	.000061
#3	.000099	.0015590	-.000134

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1402.418	2718.051	31507.48	2925.050	3282.814
Stddev	8.485	2.194	36.36	9.682	7.836
%RSD	.6050198	.0807154	.1154051	.3310040	.2386890

#1	1407.594	2720.261	31495.99	2915.292	3274.957
#2	1407.034	2718.019	31548.20	2934.654	3290.628
#3	1392.626	2715.874	31478.26	2925.203	3282.858

Sample Name: MN 50PPM Acquired: 11/28/2018 13:48:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002880	.0520094	.0049232	.0239463	-.001633	.0211673
Stddev	.000170	.0021971	.0011708	.0009554	.001429	.0103556
%RSD	5.886663	4.224420	23.78221	3.989946	87.50924	48.92253

#1	-.002907	.0498819	.0035824	.0250083	-.003113	.0109317
#2	-.003034	.0542700	.0054429	.0236742	-.000262	.0316388
#3	-.002698	.0518763	.0057442	.0231564	-.001523	.0209315

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000400	-.002922	.0000303	.1011643	.0154105	.0032224
Stddev	.000351	.000094	.0000308	.0062895	.0008261	.0001644
%RSD	87.77558	3.202323	101.7027	6.217072	5.360292	5.100622

#1	-.000071	-.002850	.0000501	.1084165	.0148369	.0030402
#2	-.000359	-.003028	.0000461	.0972036	.0163573	.0032672
#3	-.000769	-.002888	-.000005	.0978729	.0150373	.0033596

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000114	.0923195	F 52.92656	-.165555	.0024829	.0046772
Stddev	.000906	.0032687	.60219	.055625	.0004321	.0000939
%RSD	797.0741	3.540655	1.137793	33.59881	17.40388	2.006935

#1	.000287	.0954600	52.62182	-.130078	.0029063	.0046623
#2	-.001151	.0925625	52.53765	-.229663	.0020426	.0045916
#3	.000524	.0889361	53.62022	-.136925	.0024999	.0047776

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1030377	-.062504	-.007807	-.075249	-.024965	-.004882
Stddev	.2678196	.003444	.002802	.083252	.000607	.000420
%RSD	259.9240	5.509338	35.88983	110.6348	2.431398	8.603534

#1	.4122764	-.065788	-.009956	.018076	-.024535	-.005103
#2	-.054020	-.058921	-.004638	-.141878	-.024700	-.005146
#3	-.049143	-.062803	-.008828	-.101945	-.025659	-.004398

Sample Name: MN 50PPM Acquired: 11/28/2018 13:48:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001948	.1016004	-.005472	-.001336	-.000840	.0007579
Stddev	.000279	.0033008	.000640	.000377	.001156	.0011125
%RSD	14.31272	3.248806	11.68911	28.21939	137.6588	146.7972

#1	-.001674	.1020216	-.006193	-.001166	.000251	.0001319
#2	-.001938	.1046703	-.005249	-.001768	-.002052	.0000993
#3	-.002231	.0981092	-.004973	-.001074	-.000718	.0020423

Elem	Sr4077
Units	ppm
Avg	-.000052
Stddev	.000023
%RSD	44.82291

#1	-.000078
#2	-.000032
#3	-.000047

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1372.865	2667.082	31134.90	2822.115	3251.827
Stddev	3.541	5.242	17.26	13.885	5.243
%RSD	.2579624	.1965368	.0554347	.4919922	.1612206

#1	1371.048	2661.489	31146.02	2821.013	3245.862
#2	1376.946	2667.875	31115.02	2808.815	3253.917
#3	1370.602	2671.882	31143.66	2836.518	3255.702

Sample Name: CR 50PPM Acquired: 11/28/2018 13:52:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.063852	.0161102	-.003739	.0053299	.7233210	.0026118
Stddev	.005510	.0028159	.001001	.0033563	.0055443	.0109822
%RSD	8.629918	17.47920	26.78124	62.97051	.7665031	420.4812

#1	-.058129	.0179747	-.004894	.0091777	.7170218	-.007115
#2	-.069122	.0174850	-.003130	.0038067	.7254816	.000429
#3	-.064304	.0128710	-.003192	.0030054	.7274598	.014521

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000942	-.000105	-.000798	-.004203	F 50.97481	-.001346
Stddev	.000779	.000086	.000000	.006449	.35775	.000133
%RSD	82.71352	82.22134	.0501986	153.4432	.7018205	9.880895

#1	-.000043	-.000137	-.000798	.002925	50.82490	-.001283
#2	-.001418	-.000007	-.000798	-.005901	51.38313	-.001256
#3	-.001365	-.000171	-.000798	-.009633	50.71640	-.001499

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026233	.0443954	.0032922	-.050568	-.000797	-.000187
Stddev	.0079292	.0159664	.0005475	.056293	.000287	.000174
%RSD	302.2577	35.96401	16.62976	111.3206	36.06456	93.16693

#1	-.006500	.0332235	.0033327	-.115565	-.000828	-.000258
#2	.007851	.0626824	.0027256	-.017420	-.001067	.000012
#3	.006519	.0372803	.0038183	-.018719	-.000495	-.000313

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1463404	-.156713	-.011694	-.050702	-.000664	.0060864
Stddev	.1288917	.003456	.016905	.082078	.000945	.0006629
%RSD	88.07666	2.205305	144.5625	161.8849	142.4004	10.89098

#1	.0939649	-.152817	.007729	-.129491	.000399	.0057401
#2	.2931751	-.159409	-.019715	.034312	-.001410	.0056685
#3	.0518812	-.157915	-.023095	-.056926	-.000980	.0068508

Sample Name: CR 50PPM Acquired: 11/28/2018 13:52:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026106	.0044090	-.001092	-.003171	-.002976	-.000279
Stddev	.0002684	.0024668	.000446	.000937	.000390	.001344
%RSD	10.28162	55.94870	40.82426	29.55858	13.10345	481.8420

#1	.0028422	.0063942	-.000583	-.004110	-.002650	.001218
#2	.0026733	.0016475	-.001281	-.002236	-.002870	-.000673
#3	.0023164	.0051852	-.001413	-.003166	-.003408	-.001381

Elem	Sr4077
Units	ppm
Avg	.0001110
Stddev	.0000364
%RSD	32.75502

#1	.0000690
#2	.0001308
#3	.0001332

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1122.397	2325.470	31903.42	2935.929	3346.032
Stddev	9.319	3.535	134.19	13.443	3.774
%RSD	.8302806	.1520220	.4206135	.4578941	.1127981

#1	1116.060	2329.344	31911.24	2920.758	3347.117
#2	1118.034	2324.649	31765.49	2946.362	3349.144
#3	1133.097	2322.418	32033.53	2940.667	3341.833

Sample Name: V 50PPM Acquired: 11/28/2018 13:56:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050911	F -1.14503	-.002087	.0018533	-.108635	-.001687
Stddev	.0014489	.00476	.001352	.0007560	.001177	.005797
%RSD	28.45933	.4159495	64.77074	40.79069	1.083823	343.5510

#1	.0057126	-1.14860	-.000672	.0012295	-.107465	-.002439
#2	.0034352	-1.14687	-.002225	.0016364	-.109820	.004449
#3	.0061256	-1.13962	-.003365	.0026940	-.108618	-.007072

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002548	.0000202	-.000114	-.073226	.0014113	.0003157
Stddev	.0004203	.0000351	.000043	.015086	.0002770	.0003214
%RSD	164.9491	173.2186	37.28365	20.60166	19.62903	101.8144

#1	-.000200	.0000360	-.000066	-.067783	.0014165	.0001222
#2	.000335	.0000446	-.000128	-.090278	.0011317	.0006866
#3	.000629	-.000020	-.000148	-.061617	.0016856	.0001382

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006797	.0232837	.0007248	-.078373	.0006141	-.082033
Stddev	.001528	.0129963	.0009245	.053132	.0002358	.000476
%RSD	22.48111	55.81711	127.5496	67.79381	38.39343	.5800261

#1	-.005497	.0357024	.0003902	-.125786	.0005579	-.082383
#2	-.008480	.0243709	.0017700	-.088387	.0008729	-.081492
#3	-.006414	.0097780	.0000142	-.020946	.0004115	-.082226

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0507459	F 53.29521	-.004435	-.086150	-.010973	-.011535
Stddev	.0437402	.02804	.009210	.064983	.001150	.000184
%RSD	86.19453	.0526047	207.6844	75.42980	10.48253	1.599356

#1	.0604586	53.31270	-.014961	-.014362	-.012299	-.011665
#2	.0029658	53.31006	.002139	-.140955	-.010247	-.011618
#3	.0888133	53.26287	-.000482	-.103135	-.010372	-.011324

Sample Name: V 50PPM Acquired: 11/28/2018 13:56:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004928	-.005444	-.000514	-.001876	-.028108	-.001508
Stddev	.000122	.003021	.000684	.001101	.000831	.000531
%RSD	2.471295	55.50192	133.1493	58.67323	2.957814	35.20416

#1	-.004811	-.008932	-.000478	-.001168	-.027633	-.001587
#2	-.005054	-.003708	.000152	-.003145	-.027622	-.000942
#3	-.004920	-.003691	-.001214	-.001316	-.029068	-.001995

Elem	Sr4077
Units	ppm
Avg	-.000030
Stddev	.000089
%RSD	297.0786

#1	-.000052
#2	-.000105
#3	.000068

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1390.321	2694.790	31430.16	2876.547	3290.956
Stddev	5.677	15.379	95.80	13.898	13.791
%RSD	.4083136	.5707124	.3047947	.4831454	.4190552

#1	1396.802	2682.700	31540.68	2885.821	3278.092
#2	1387.932	2689.569	31370.77	2883.252	3289.260
#3	1386.229	2712.100	31379.04	2860.568	3305.516

Sample Name: CO 50PPM Acquired: 11/28/2018 14:00:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011917	.2166898	-.004592	-.005804	-.002006	.0049550
Stddev	.0021279	.0002939	.000843	.003105	.002023	.0262435
%RSD	178.5651	.1356167	18.35358	53.49448	100.8507	529.6349

#1	.0034959	.2168576	-.005199	-.008985	-.002058	.0326045
#2	.0007781	.2168614	-.003630	-.005647	.000043	.0018703
#3	-.000699	.2163505	-.004947	-.002781	-.004003	-.019610

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000872	.0000178	-.000059	.0181878	.0003816	F 47.28910
Stddev	.001062	.0000657	.000085	.0083134	.0005236	.05089
%RSD	121.7925	368.8819	143.6520	45.70870	137.1964	.1076124

#1	-.000546	.0000936	-.000007	.0086132	.0008383	47.23197
#2	-.000011	-.000023	-.000013	.0235729	-.000190	47.30575
#3	-.002059	-.000018	-.000157	.0223775	.000496	47.32957

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.032991	.0322354	-.000337	-.026433	-.010577	-.000314
Stddev	.004717	.0070418	.001616	.027179	.000546	.000291
%RSD	14.29821	21.84505	479.9423	102.8230	5.163428	92.81731

#1	-.034357	.0247883	-.000881	.004473	-.011105	-.000440
#2	-.036874	.0331318	-.001611	-.037160	-.010014	.000019
#3	-.027741	.0387861	.001481	-.046611	-.010613	-.000521

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1068450	-.002883	-.008105	-.037728	.0004775	.0623994
Stddev	.2046101	.000146	.017455	.009884	.0019603	.0004317
%RSD	191.5018	5.079568	215.3580	26.19949	410.5237	.6918280

#1	.2680160	-.003001	-.016682	-.026437	-.001730	.0620058
#2	.1758696	-.002929	.011979	-.044822	.001150	.0628611
#3	-.123351	-.002719	-.019612	-.041923	.002013	.0623313

Sample Name: CO 50PPM Acquired: 11/28/2018 14:00:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000020	.0079378	.0010848	.0013311	-.010916	-.002800
Stddev	.000192	.0029609	.0003757	.0013525	.001627	.001109
%RSD	938.1798	37.30069	34.63401	101.6019	14.90686	39.60828

#1	.000114	.0052034	.0010999	.0027932	-.009301	-.003999
#2	.000064	.0110824	.0007018	.0010756	-.010892	-.002592
#3	-.000240	.0075277	.0014527	.0001247	-.012555	-.001810

Elem	Sr4077
Units	ppm
Avg	-.000159
Stddev	.000070
%RSD	43.80501

#1	-.000230
#2	-.000157
#3	-.000091

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1380.307	2700.640	31687.07	2893.733	3325.264
Stddev	6.346	8.492	132.43	15.541	3.680
%RSD	.4597605	.3144473	.4179167	.5370659	.1106557

#1	1381.085	2709.145	31664.81	2902.516	3327.349
#2	1373.608	2692.161	31567.18	2875.788	3321.016
#3	1386.228	2700.614	31829.21	2902.893	3327.429

Sample Name: CU 50PPM Acquired: 11/28/2018 14:04:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012582	-.002339	.0504895	.0048706	.0004867	.0183733
Stddev	.0012583	.001830	.0021036	.0015706	.0012211	.0075169
%RSD	100.0103	78.25065	4.166414	32.24601	250.9007	40.91227

#1	.0027060	-.000452	.0523242	.0055731	.0018939	.0268990
#2	.0006399	-.002458	.0481936	.0030714	-.000141	.0127001
#3	.0004286	-.004106	.0509508	.0059672	-.000293	.0155209

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001877	.0000004	.0000464	.0259070	.0005178	.0002530
Stddev	.000971	.0000444	.0000589	.0256162	.0003170	.0001226
%RSD	51.74390	10848.49	126.9940	98.87746	61.23001	48.43974

#1	-.002864	.0000464	.0001081	.0217180	.0005601	.0002912
#2	-.001847	-.000042	-.000009	.0026435	.0008116	.0001159
#3	-.000921	-.000003	.000040	.0533595	.0001817	.0003519

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 49.10428	.0321931	.0010338	-.012601	.0000033	-.000320
Stddev	.06382	.0188235	.0016742	.068426	.0000361	.000310
%RSD	.1299601	58.47057	161.9471	543.0099	1105.923	97.01813

#1	49.10863	.0119872	.0014492	.056180	.0000336	-.000312
#2	49.03839	.0353597	.0024612	-.013317	-.000037	-.000633
#3	49.16580	.0492326	-.000809	-.080667	.000013	-.000013

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1164458	-.001831	.0078060	.0134759	-.149551	-.006519
Stddev	.3308902	.005228	.0049948	.0352395	.004617	.000563
%RSD	284.1583	285.4783	63.98630	261.4996	3.086969	8.632689

#1	-.041539	-.003632	.0097117	.0029338	-.144220	-.005869
#2	.496717	.004059	.0021389	-.015289	-.152224	-.006850
#3	-.105841	-.005921	.0115674	.052783	-.152208	-.006838

Sample Name: CU 50PPM Acquired: 11/28/2018 14:04:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004862	.0107233	.0009319	-.003197	-.000523	-.002828
Stddev	.0002789	.0062270	.0003853	.000897	.001395	.001577
%RSD	57.37038	58.07012	41.34877	28.04683	266.9419	55.75399

#1	.0007650	.0063337	.0013756	-.003535	-.000327	-.001365
#2	.0004867	.0079861	.0006812	-.003876	-.002005	-.002621
#3	.0002071	.0178501	.0007389	-.002181	.000764	-.004498

Elem	Sr4077
Units	ppm
Avg	.0000135
Stddev	.0000480
%RSD	355.3379

#1	.0000684
#2	-.000007
#3	-.000020

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1375.082	2650.635	31384.90	2858.454	3273.960
Stddev	3.467	4.409	80.16	9.743	2.387
%RSD	.2521098	.1663443	.2554096	.3408645	.0728989

#1	1371.339	2647.804	31292.52	2852.091	3273.703
#2	1375.724	2655.715	31436.15	2869.671	3271.711
#3	1378.183	2648.385	31426.02	2853.601	3276.464

Sample Name: NI 50PPM Acquired: 11/28/2018 14:08:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057765	.0039023	.0014865	.0002433	-.011553	.0010123
Stddev	.0010504	.0019664	.0008619	.0004925	.001408	.0045077
%RSD	18.18434	50.39034	57.98214	202.3774	12.18490	445.3003

#1	.0069758	.0023347	.0024733	.0007628	-.011157	-.002854
#2	.0053333	.0032635	.0011058	-.000217	-.010386	.005963
#3	.0050202	.0061087	.0008805	.000184	-.013117	-.000072

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001616	-.000423	-.000189	.0731083	.0001839	.0062127
Stddev	.000369	.000048	.000102	.0196244	.0003704	.0003028
%RSD	22.85681	11.24321	54.19634	26.84290	201.3925	4.873776

#1	-.001918	-.000462	-.000082	.0954621	.0005931	.0064123
#2	-.001726	-.000370	-.000285	.0651476	-.000128	.0058643
#3	-.001204	-.000438	-.000199	.0587150	.000087	.0063615

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051778	.0163924	.0004560	.0002473	F 49.08563	-.000193
Stddev	.0022820	.0075672	.0009063	.0444449	.06257	.000288
%RSD	44.07403	46.16269	198.7407	17970.11	.1274642	149.1218

#1	.0033890	.0251236	-.000556	.0416283	49.06258	-.000103
#2	.0077478	.0123200	.000732	.0058449	49.03786	-.000516
#3	.0043965	.0117335	.001192	-.046731	49.15645	.000039

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1296672	-.000464	.1989278	-.090416	.0866194	-.006279
Stddev	.1678292	.004263	.0091548	.065230	.0020362	.000567
%RSD	129.4307	918.1620	4.602075	72.14410	2.350767	9.038684

#1	.2176868	.002860	.2044798	-.030931	.0870593	-.006301
#2	-.063862	-.005271	.1883613	-.160172	.0843991	-.005700
#3	.235177	.001018	.2039424	-.080146	.0883996	-.006835

Sample Name: NI 50PPM Acquired: 11/28/2018 14:08:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001338	.0028972	.0005259	-.001779	-.033758	-.002670
Stddev	.0000782	.0018845	.0004126	.001014	.000760	.000519
%RSD	58.41100	65.04447	78.45985	57.01969	2.251185	19.42600

#1	.0002119	.0023693	.0000699	-.001329	-.034358	-.003238
#2	.0001339	.0013329	.0008734	-.001068	-.032903	-.002222
#3	.0000556	.0049892	.0006343	-.002941	-.034013	-.002550

Elem	Sr4077
Units	ppm
Avg	-.000045
Stddev	.000027
%RSD	61.55762

#1	-.000071
#2	-.000047
#3	-.000016

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1420.550	2748.573	32027.38	2938.760	3351.366
Stddev	6.837	3.212	115.15	12.575	1.224
%RSD	.4812879	.1168642	.3595420	.4278966	.0365075

#1	1413.099	2744.864	32041.05	2930.874	3350.669
#2	1426.535	2750.416	31906.01	2932.144	3352.779
#3	1422.015	2750.439	32135.09	2953.262	3350.652

Sample Name: ZN 50PPM Acquired: 11/28/2018 14:13:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007868	-.000246	.0009103	.0022023	-.004298	.0101722
Stddev	.001512	.001270	.0002850	.0018294	.000710	.0031893
%RSD	19.21529	516.3359	31.30992	83.06861	16.51090	31.35336

#1	-.007070	-.001601	.0007986	.0012917	-.003482	.0087797
#2	-.006922	.000916	.0006981	.0043082	-.004644	.0079159
#3	-.009611	-.000053	.0012343	.0010068	-.004768	.0138209

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001190	.0000268	-.000117	.0124633	.0008456	.0002551
Stddev	.000650	.0000221	.000011	.0231624	.0003518	.0001851
%RSD	54.60697	82.28777	9.508478	185.8453	41.60609	72.55943

#1	-.001520	.0000437	-.000128	.0348911	.0012517	.0000973
#2	-.001608	.0000019	-.000106	-.011370	.0006552	.0004589
#3	-.000441	.0000349	-.000118	.013868	.0006300	.0002092

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106401	.0420804	.0015591	-.026814	-.000122	-.000043
Stddev	.0010836	.0117354	.0007535	.011797	.000060	.000250
%RSD	10.18413	27.88799	48.33192	43.99423	49.44083	585.6205

#1	.0105256	.0397875	.0010745	-.039893	-.000128	-.000242
#2	.0117764	.0547930	.0024272	-.016980	-.000179	.000237
#3	.0096183	.0316607	.0011755	-.023568	-.000059	-.000123

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3060443	-.004533	F 45.12730	-.120780	-.001383	-.006088
Stddev	.3681109	.004106	.32744	.031521	.002928	.000872
%RSD	120.2803	90.59021	.7256021	26.09777	211.7350	14.31580

#1	.4035683	-.008190	45.50014	-.090645	-.004144	-.005789
#2	-.101009	-.005318	44.88647	-.118169	-.001693	-.007069
#3	.615573	-.000090	44.99527	-.153525	.001688	-.005405

Sample Name: ZN 50PPM Acquired: 11/28/2018 14:13:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007004	.0012688	.0053626	-.000034	-.001412	-.002388
Stddev	.0003686	.0049798	.0011941	.000482	.001607	.001411
%RSD	52.62484	392.4719	22.26805	1422.629	113.8203	59.08817

#1	.0008695	.0070008	.0066174	.000501	-.001879	-.001670
#2	.0009540	-.001202	.0052304	-.000433	-.002735	-.001480
#3	.0002776	-.001993	.0042401	-.000170	.000377	-.004013

Elem	Sr4077
Units	ppm
Avg	-.000022
Stddev	.000121
%RSD	536.6884

#1	.000114
#2	-.000067
#3	-.000114

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1399.386	2709.546	31611.41	2868.143	3280.214
Stddev	12.977	12.971	175.60	11.040	10.826
%RSD	.9273603	.4787069	.5555008	.3849020	.3300392

#1	1385.859	2694.645	31409.61	2865.008	3270.188
#2	1411.733	2718.298	31729.47	2880.411	3278.760
#3	1400.567	2715.697	31695.14	2859.010	3291.693

Sample Name: PB 50PPM Acquired: 11/28/2018 14:17:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000420	-.000696	46.22420	.0006900	-.000480	.0164477	-.000874
Stddev	.004130	.003502	.02092	.0016695	.000291	.0122289	.000377
%RSD	983.4825	502.9830	.0452559	241.9723	60.56738	74.35009	43.15335

#1	.004339	-.004712	46.21508	.0021610	-.000398	.0253898	-.000499
#2	-.002530	.000896	46.20939	.0010335	-.000803	.0214412	-.000871
#3	-.003069	.001727	46.24813	-.001125	-.000239	.0025123	-.001253

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000454	.0000092	.0220118	.0007285	.0001717	.0116043	.0007429
Stddev	.0000202	.0000431	.0183050	.0001547	.0001050	.0029711	.0128938
%RSD	44.51908	465.3432	83.15970	21.23564	61.13256	25.60362	1735.605

#1	.0000345	.0000469	.0070544	.0005953	.0002262	.0114004	-.001674
#2	.0000330	-.000038	.0424242	.0008982	.0000507	.0146722	.014674
#3	.0000688	.000019	.0165569	.0006921	.0002381	.0087404	-.010771

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007243	.0092131	-.000239	-.000180	-.238772	-.002115	-.000486
Stddev	.0016357	.0423047	.000350	.000559	.304909	.003821	.015323
%RSD	225.8418	459.1776	146.5252	311.1088	127.6986	180.6447	3155.499

#1	-.000658	-.027236	.000040	-.000137	.111610	-.003891	-.013308
#2	.000301	-.000728	-.000126	.000357	-.443856	-.004726	.016484
#3	.002530	.055603	-.000631	-.000758	-.384071	.002271	-.004632

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.095187	-.002981	-.006149	-.000182	-.000902	.0003085	-.001059
Stddev	.059808	.002762	.000385	.000170	.003633	.0006126	.001081
%RSD	62.83207	92.64663	6.258622	93.54798	402.9158	198.5834	102.0476

#1	-.082203	-.000301	-.006584	-.000102	.002416	.0006824	-.002133
#2	-.042938	-.002824	-.005854	-.000377	-.000338	-.000399	-.001073
#3	-.160421	-.005818	-.006009	-.000067	-.004784	.000642	.000028

Sample Name: PB 50PPM Acquired: 11/28/2018 14:17:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001478	-.003302	-.000062
Stddev	.000278	.000714	.000131
%RSD	18.83015	21.62266	210.7235

#1	-.001520	-.004104	-.000146
#2	-.001733	-.003063	.000089
#3	-.001181	-.002737	-.000130

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1379.636	2680.423	31388.04	2878.665	3266.035
Stddev	2.408	6.514	89.63	18.133	4.456
%RSD	.1745030	.2430354	.2855522	.6299255	.1364428

#1	1379.841	2673.781	31303.97	2867.072	3266.635
#2	1377.132	2680.686	31377.81	2869.361	3261.309
#3	1381.934	2686.802	31482.35	2899.562	3270.161

Sample Name: TI 50PPM Acquired: 11/28/2018 14:21:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008232	-.058965	.0001099	.0035310	.0068972	.0026437	-.010541
Stddev	.0015711	.001248	.0004502	.0041333	.0016528	.0091691	.000124
%RSD	190.8501	2.116353	409.5549	117.0576	23.96272	346.8247	1.173173

#1	.0023995	-.059527	.0002432	.0018202	.0086979	.0076766	-.010501
#2	-.000743	-.057535	.0004785	.0082451	.0065444	-.007940	-.010680
#3	.000813	-.059833	-.000392	.0005278	.0054494	.008194	-.010442

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000033	-.000078	.0062896	.0037340	.0927371	-.002327	.0120619
Stddev	.000043	.000037	.0189843	.0004383	.0003972	.004152	.0233349
%RSD	128.9736	47.26863	301.8363	11.73849	.4282866	178.3859	193.4596

#1	.000015	-.000047	.0101550	.0042386	.0922793	-.006954	-.012889
#2	-.000065	-.000118	-.014330	.0035155	.0929425	-.001101	.033346
#3	-.000050	-.000068	.023044	.0034478	.0929895	.001073	.015729

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041285	-.065344	.0006369	-.002011	.0169143	.0343141	-.004234
Stddev	.0009987	.034836	.0001164	.000400	.0302009	.0054505	.002384
%RSD	24.19062	53.31152	18.28349	19.90623	178.5524	15.88410	56.30374

#1	.0048290	-.060233	.0007650	-.001699	.0162388	.0380454	-.005172
#2	.0045716	-.102453	.0005375	-.001871	.0474473	.0280592	-.006006
#3	.0029849	-.033346	.0006080	-.002462	-.012943	.0368377	-.001524

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.061210	.0008886	-.005820	.0021300	.0026058	.1475536	-.117556
Stddev	.054405	.0007695	.000946	.0002007	.0027205	.0112011	.000713
%RSD	88.88207	86.59859	16.25559	9.420558	104.3998	7.591229	.6064253

#1	-.069418	.0008145	-.004853	.0020825	.0056799	.1374161	-.118206
#2	-.111045	.0001588	-.005864	.0019574	.0005090	.1456661	-.117669
#3	-.003168	.0016925	-.006743	.0023502	.0016285	.1595786	-.116794

Sample Name: TI 50PPM Acquired: 11/28/2018 14:21:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	49.59336	-.003801	.0000085
Stddev	.12436	.001761	.0000773
%RSD	.2507665	46.32850	906.1346

#1	49.61552	-.002162	.0000948
#2	49.45940	-.005662	-.000015
#3	49.70515	-.003578	-.000055

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1412.095	2735.133	31896.12	2890.936	3336.707
Stddev	10.471	3.017	120.61	11.820	7.576
%RSD	.7415483	.1102991	.3781281	.4088770	.2270600

#1	1417.089	2732.504	31779.99	2895.605	3332.915
#2	1400.062	2734.470	31887.60	2899.709	3331.775
#3	1419.134	2738.427	32020.76	2877.495	3345.430

Sample Name: MO 50PPM Acquired: 11/28/2018 14:25:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0389640	-.425710	-.068868	.0068540	-.026854	1.423119	-.000184
Stddev	.0032155	.001746	.000358	.0005558	.001758	.011651	.000610
%RSD	8.252449	.4102188	.5196191	8.109350	6.545616	.8187023	331.7026

#1	.0359711	-.423744	-.069262	.0065150	-.027635	1.412015	-.000885
#2	.0385576	-.426303	-.068562	.0074955	-.028086	1.422092	.000223
#3	.0423634	-.427082	-.068782	.0065516	-.024841	1.435249	.000111

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.015495	-.000859	.0025908	-.002631	-.050164	.0268011	.0293418
Stddev	.000087	.000034	.0202621	.000444	.000423	.0025533	.0214989
%RSD	.5602074	4.001540	782.0885	16.87556	.8436411	9.526883	73.27063

#1	-.015396	-.000820	.0040935	-.003059	-.049679	.0297294	.0491615
#2	-.015537	-.000875	-.018381	-.002660	-.050458	.0250399	.0064864
#3	-.015553	-.000883	.022060	-.002173	-.050356	.0256339	.0323773

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034279	-.278389	.0008481	-.001209	.1111902	-.541031	-.000477
Stddev	.0008546	.067953	.0002118	.000195	.2911236	.005500	.013952
%RSD	24.93168	24.40954	24.97169	16.15761	261.8249	1.016551	2924.156

#1	.0042515	-.323964	.0007628	-.001258	.3246261	-.542041	-.013182
#2	.0034868	-.310917	.0010893	-.001376	-.220443	-.535096	-.002705
#3	.0025453	-.200285	.0006923	-.000994	.229387	-.545956	.014455

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.106589	.0171655	-.072796	46.68379	-.170558	.2744123	.0007288
Stddev	.037049	.0019292	.000548	.27979	.000816	.0014273	.0011732
%RSD	34.75919	11.23900	.7534161	.5993368	.4783278	.5201396	160.9678

#1	-.088435	.0151671	-.072183	46.37044	-.170962	.2730875	.0005697
#2	-.082117	.0173121	-.073239	46.77230	-.171092	.2759238	-.000357
#3	-.149214	.0190172	-.072967	46.90862	-.169619	.2742255	.001974

Sample Name: MO 50PPM Acquired: 11/28/2018 14:25:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007681	.0018517	.0000883
Stddev	.0017143	.0019884	.0001183
%RSD	223.1936	107.3819	133.9349

#1	-.001169	.0001969	-.000048
#2	.001383	.0013007	.000158
#3	.002090	.0040574	.000156

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1393.169	2714.717	32005.34	2905.487	3230.263
Stddev	2.043	5.026	92.58	20.146	2.334
%RSD	.1466248	.1851282	.2892742	.6933652	.0722585

#1	1391.241	2719.352	32106.55	2928.417	3228.014
#2	1395.310	2709.376	31924.93	2890.628	3230.101
#3	1392.958	2715.424	31984.52	2897.416	3232.674

Sample Name: CCV029 Acquired: 11/28/2018 14:29:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV029 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.832214	4.907027	24.49761	4.891533	5.055883	392.2429	9.963229
Stddev	.018481	.011957	.05186	.013377	.001633	1.2839	.021519
%RSD	.3824515	.2436713	.2117104	.2734687	.0323078	.3273144	.2159839

#1	4.813746	4.918263	24.52384	4.898155	5.057442	390.8592	9.987430
#2	4.832188	4.894461	24.43787	4.876137	5.054184	392.4741	9.956007
#3	4.850707	4.908358	24.53112	4.900306	5.056023	393.3955	9.946250

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4939096	2.534432	395.2639	15.25201	2.529894	14.49861	405.9782
Stddev	.0044450	.005812	3.4979	.00660	.004300	.02421	3.6801
%RSD	.8999693	.2293322	.8849521	.0432888	.1699771	.1669901	.9064838

#1	.4890777	2.537748	391.2648	15.25773	2.531473	14.47478	402.0822
#2	.4978250	2.527720	396.7731	15.24478	2.525028	14.49787	406.4570
#3	.4948260	2.537827	397.7539	15.25352	2.533182	14.52319	409.3956

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.63528	413.7140	2.529214	1.245359	397.6293	2.481903	14.81402
Stddev	.15940	3.6850	.006672	.004301	2.2374	.022432	.07711
%RSD	1.089180	.8907018	.2637929	.3453336	.5626732	.9038362	.5205333

#1	14.45452	409.6729	2.528055	1.248452	395.0605	2.461461	14.75811
#2	14.69558	414.5809	2.523197	1.247178	398.6759	2.478348	14.90199
#3	14.75573	416.8883	2.536389	1.240448	399.1516	2.505901	14.78196

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.9706	5.120103	5.041010	5.056356	5.175033	4.832442	5.051102
Stddev	.2318	.009250	.041671	.006027	.008641	.031582	.006003
%RSD	.1525521	.1806561	.8266454	.1192062	.1669715	.6535320	.1188506

#1	151.7030	5.127152	4.994822	5.063244	5.175965	4.800521	5.052499
#2	152.1093	5.123527	5.075786	5.052047	5.165964	4.863672	5.044524
#3	152.0995	5.109629	5.052424	5.053778	5.183170	4.833132	5.056284

Sample Name: CCV029 Acquired: 11/28/2018 14:29:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV029 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.889171	5.107387	5.055770
Stddev	.017675	.005826	.007994
%RSD	.3615082	.1140674	.1581078

#1	4.870019	5.109649	5.061725
#2	4.904855	5.100769	5.046685
#3	4.892637	5.111742	5.058901

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1167.027	2243.725	29038.24	2676.636	2563.929
Stddev	12.114	2.476	159.08	16.418	5.664
%RSD	1.037986	.1103653	.5478294	.6133699	.2209287

#1	1161.683	2241.853	28854.91	2687.325	2559.667
#2	1158.505	2246.533	29119.95	2657.732	2570.357
#3	1180.894	2242.789	29139.86	2684.850	2561.764

Sample Name: CCB029 Acquired: 11/28/2018 14:33:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB029 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000853	-.001861	.0014187	.0016547	-.000476	.0301748	-.000995
Stddev	.001398	.000233	.0010185	.0009330	.001587	.0117024	.000737
%RSD	164.0012	12.54478	71.78857	56.38754	333.2755	38.78189	74.05831

#1	-.001354	-.001880	.0022871	.0013852	.000992	.0434361	-.001809
#2	-.001931	-.001619	.0016714	.0026928	-.002160	.0212972	-.000806
#3	.000727	-.002084	.0002977	.0008860	-.000261	.0257911	-.000371

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000043	.0000109	.0148483	.0005201	.0001813	.0026824	.0252267
Stddev	.000085	.0000751	.0102969	.0002329	.0001832	.0024351	.0175194
%RSD	199.3720	687.9022	69.34707	44.77346	101.0772	90.77803	69.44785

#1	-.000141	.0000977	.0046243	.0007352	-.000025	-.000008	.0148537
#2	.000012	-.000033	.0147041	.0002728	.000326	.004734	.0153723
#3	.000001	-.000032	.0252165	.0005523	.000242	.003321	.0454542

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009835	-.010205	.0003351	-.000079	.1801255	-.002601	-.010985
Stddev	.0007609	.037099	.0001022	.000080	.0831921	.003473	.006045
%RSD	77.37177	363.5283	30.50800	101.7809	46.18563	133.5346	55.03121

#1	.0016172	.007921	.0003473	-.000068	.2632853	-.001483	-.017381
#2	.0011938	.014346	.0004307	-.000164	.1801901	-.006495	-.010209
#3	.0001395	-.052882	.0002273	-.000004	.0969011	.000175	-.005365

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0836189	-.000877	.0066598	.0002029	-.000458	.0017248	.0005814
Stddev	.0299556	.000601	.0013176	.0002825	.001662	.0007138	.0005307
%RSD	35.82393	68.46259	19.78405	139.2630	362.4520	41.38371	91.28841

#1	.0570151	-.001439	.0071731	.0001743	-.002206	.0013448	.0000113
#2	.0777761	-.000244	.0076434	-.000064	-.000271	.0025481	.0006716
#3	.1160654	-.000949	.0051628	.000499	.001101	.0012814	.0010611

Sample Name: CCB029 Acquired: 11/28/2018 14:33:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v729) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB029 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0015169	.0010205	-.000073
Stddev	.0014030	.0002026	.000077
%RSD	92.49396	19.85712	105.8569

#1	.0014010	.0007924	-.000149
#2	.0001754	.0010893	.000005
#3	.0029743	.0011798	-.000074

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1386.608	2679.769	31215.21	2833.418	3272.557
Stddev	2.362	6.688	25.49	15.334	12.014
%RSD	.1703447	.2495848	.0816515	.5411935	.3671128

#1	1384.932	2672.064	31198.73	2820.421	3259.891
#2	1389.309	2684.070	31244.56	2829.502	3273.988
#3	1385.582	2683.174	31202.32	2850.330	3283.791