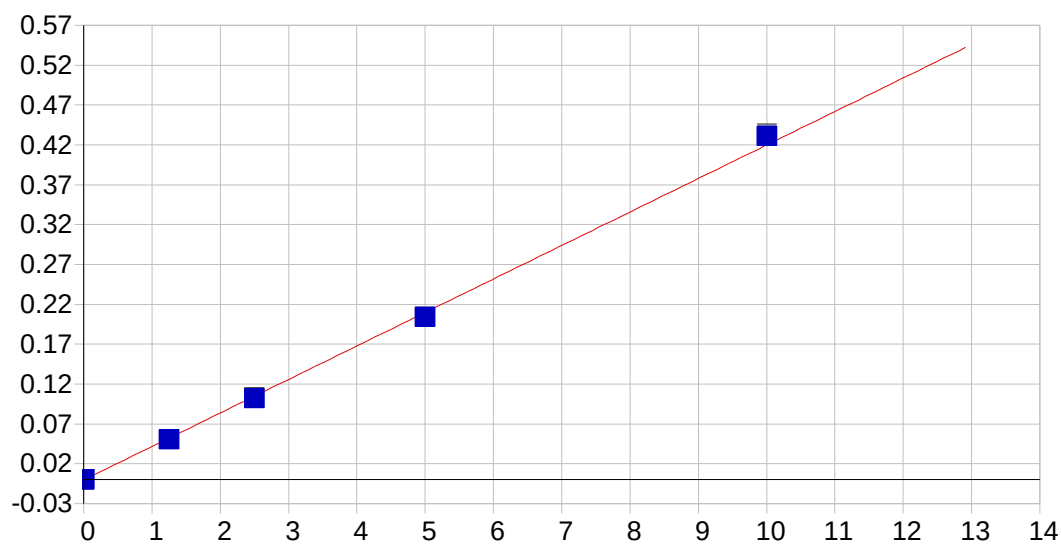


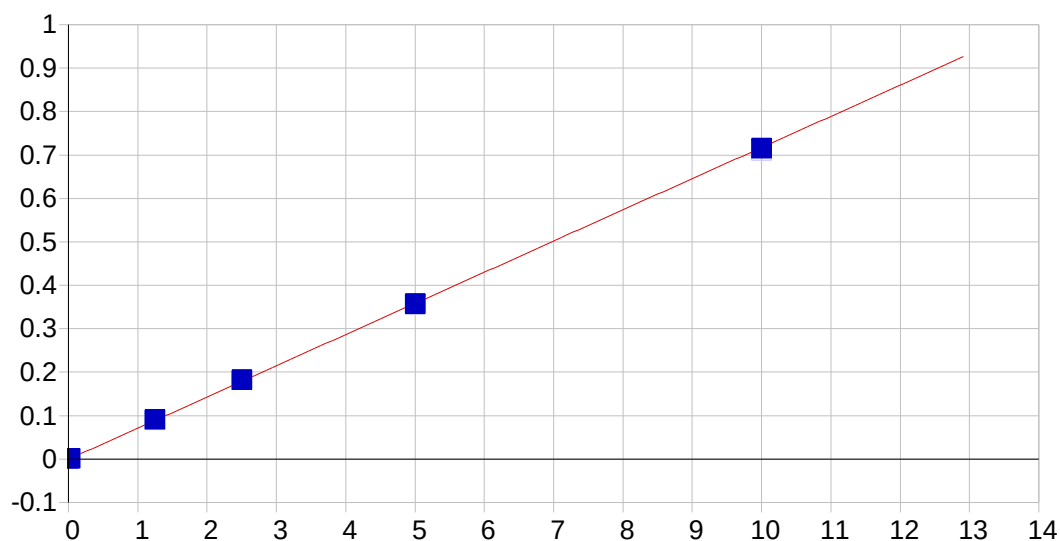


As 189.042 {479}

Date of Fit: 10/9/2018 13:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000256 Re-Slope: 1.000000
 A1 (Gain): 0.042014 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999607 Status: OK.
 Std Error of Est: 0.000020
 Predicted MDL: 0.003245
 Predicted MQL: 0.010818

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00026	.000	1
S1	.01000	.01222	.002	22.2	.00026	.000	1
S2	1.2500	1.2019	-.048	-3.84	.05044	.000	1
S3	2.5000	2.4319	-.068	-2.72	.10232	.000	1
S4	5.0000	4.8572	-.143	-2.86	.20462	.000	1
S5	10.000	10.257	.257	2.57	.43229	.001	1

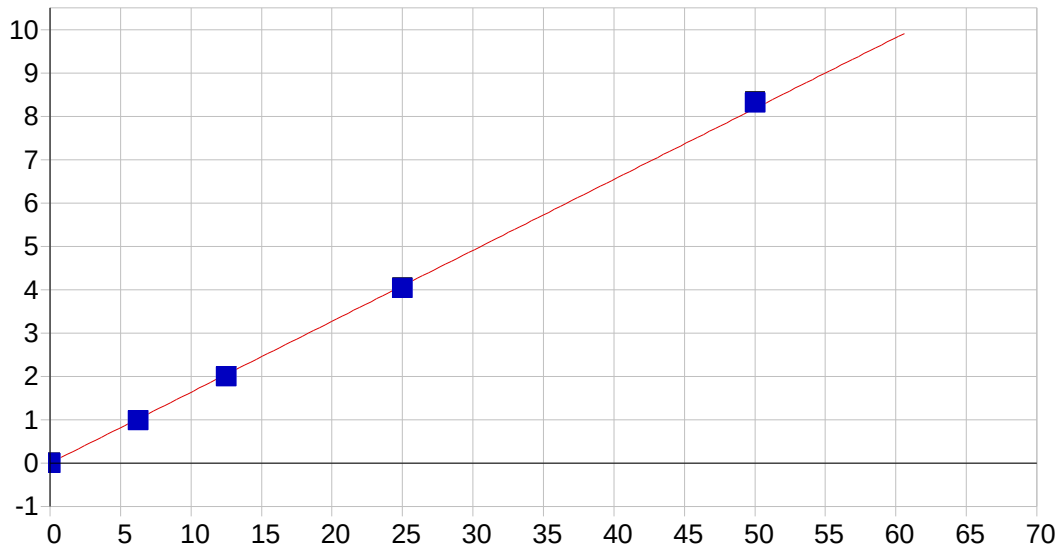


TI 190.856 {477}

Date of Fit: 10/9/2018 13:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000575 Re-Slope: 1.000000
 A1 (Gain): 0.071786 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.001915
 Predicted MQL: 0.006384

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00058	.000	1
S1	.02500	.02582	.001	3.29	.00125	.000	1
S2	1.2500	1.2631	.013	1.05	.08956	.000	1
S3	2.5000	2.5456	.046	1.82	.18108	.000	1
S4	5.0000	4.9849	-.015	-.302	.35510	.000	1
S5	10.000	9.9556	-.044	-.444	.70976	.002	1

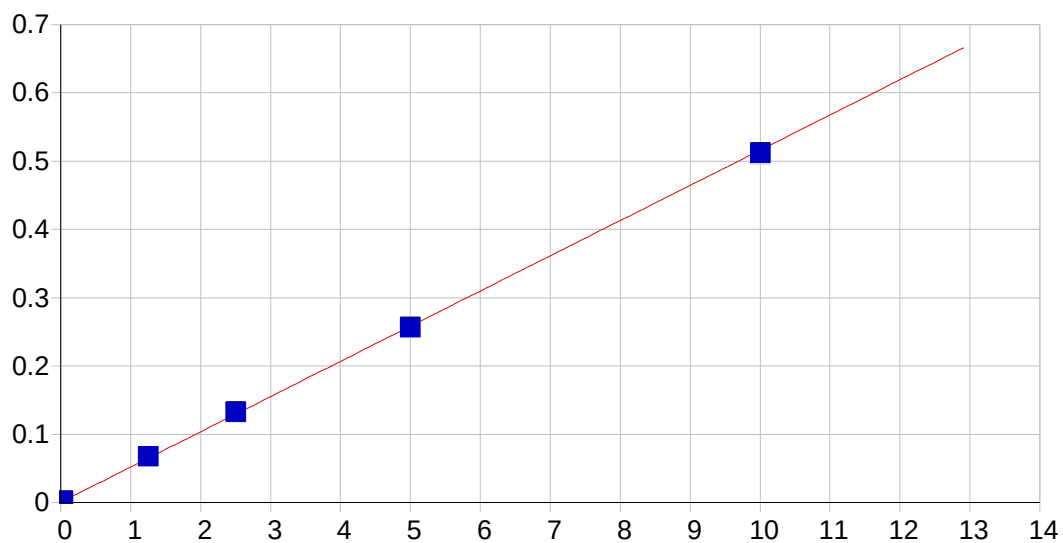


Pb 220.353 {453}

Date of Fit: 10/9/2018 13:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000346 Re-Slope: 1.000000
 A1 (Gain): 0.163577 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999820 Status: OK.
 Std Error of Est: 0.000116
 Predicted MDL: 0.001755
 Predicted MQL: 0.005851

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00035	.000	1
S1	.01000	.00922	-.001	-7.84	.00117	.000	1
S2	6.2500	6.0210	-.229	-3.66	.98597	.002	1
S3	12.500	12.216	-.284	-2.27	2.0008	.001	1
S4	25.000	24.665	-.335	-1.34	4.0400	.006	1
S5	50.000	50.848	.848	1.70	8.3286	.013	1

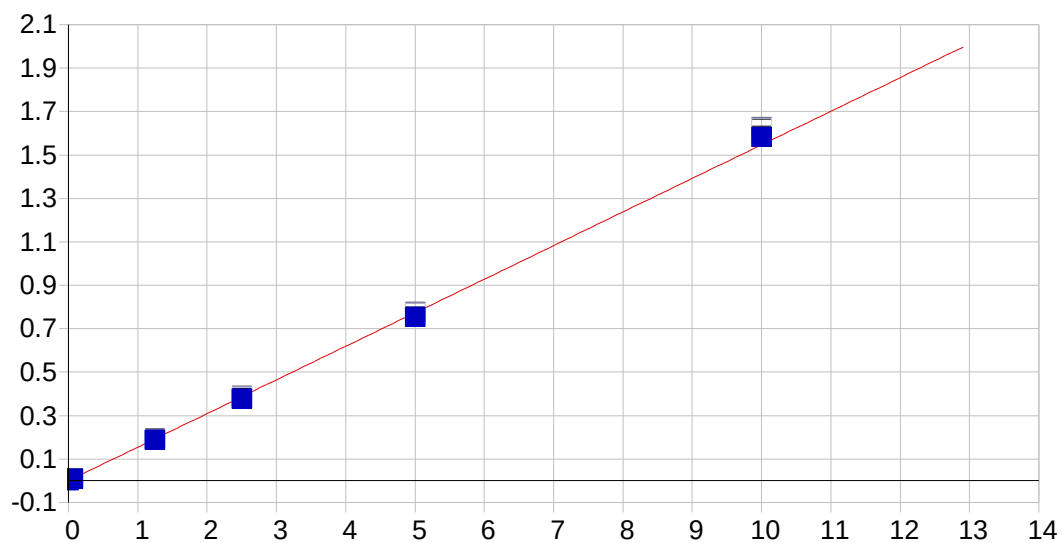


Se 196.090 {472}

Date of Fit: 10/9/2018 13:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000394 Re-Slope: 1.000000
 A1 (Gain): 0.051579 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999885 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.003176
 Predicted MQL: 0.010587

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00039	.000	1
S1	.03500	.03528	.000	.800	.00221	.000	1
S2	1.2500	1.2955	.046	3.64	.06691	.000	1
S3	2.5000	2.5665	.066	2.66	.13216	.000	1
S4	5.0000	4.9705	-.030	-.591	.25555	.000	1
S5	10.000	9.9172	-.083	-.828	.50949	.001	1

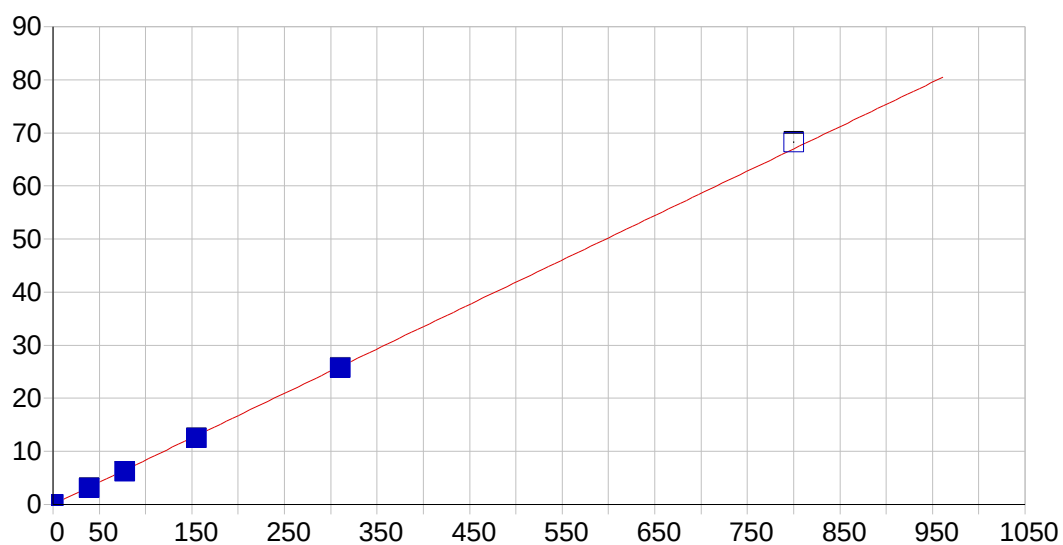


Sb 206.833 {463}

Date of Fit: 10/9/2018 13:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000251 Re-Slope: 1.000000
 A1 (Gain): 0.154672 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999720 Status: OK.
 Std Error of Est: 0.000155
 Predicted MDL: 0.001523
 Predicted MQL: 0.005077

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00025	.000	1
S1	.06000	.06117	.001	1.95	.00971	.000	1
S2	1.2500	1.2131	-.037	-2.95	.19315	.000	1
S3	2.5000	2.4382	-.062	-2.47	.38790	.001	1
S4	5.0000	4.8709	-.129	-2.58	.77471	.001	1
S5	10.000	10.227	.227	2.27	1.6241	.005	1

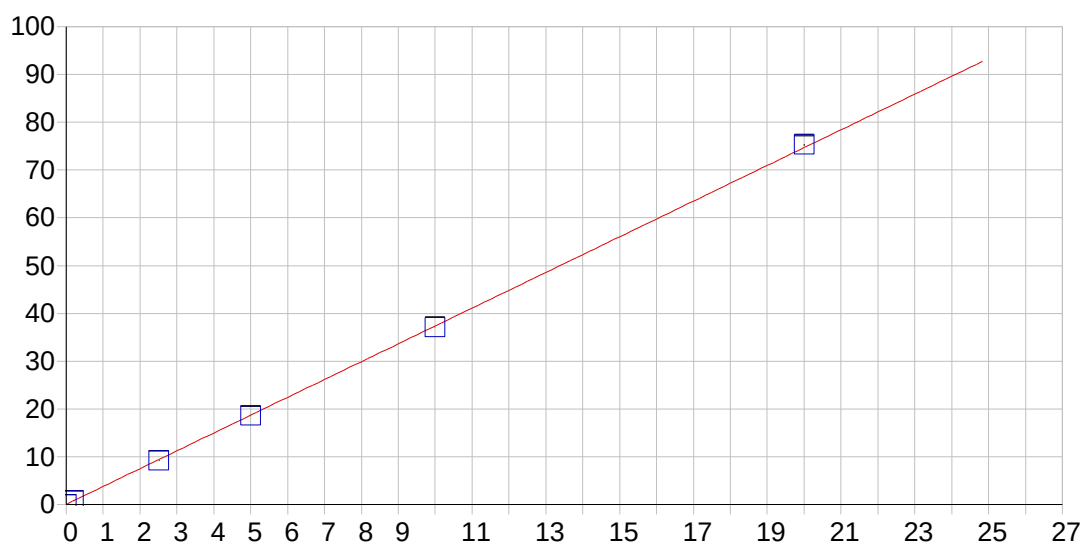


AI 396.152 { 85}

Date of Fit: 10/9/2018 13:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004947 Re-Slope: 1.000000
 A1 (Gain): 0.083721 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999703 Status: OK.
 Std Error of Est: 0.001270
 Predicted MDL: 0.014420
 Predicted MQL: 0.048066

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00495	.000	1
S1	.20000	.18928	-.011	-5.36	.02082	.002	1
S2	38.750	36.685	-2.07	-5.33	3.0793	.014	1
S3	77.500	73.815	-3.69	-4.76	6.1909	.016	1
S4	155.00	149.01	-5.99	-3.87	12.492	.036	1
S5	310.00	306.94	-3.06	-.988	25.726	.079	1
S6	800.00	814.83	14.8	1.85	68.224	.164	1

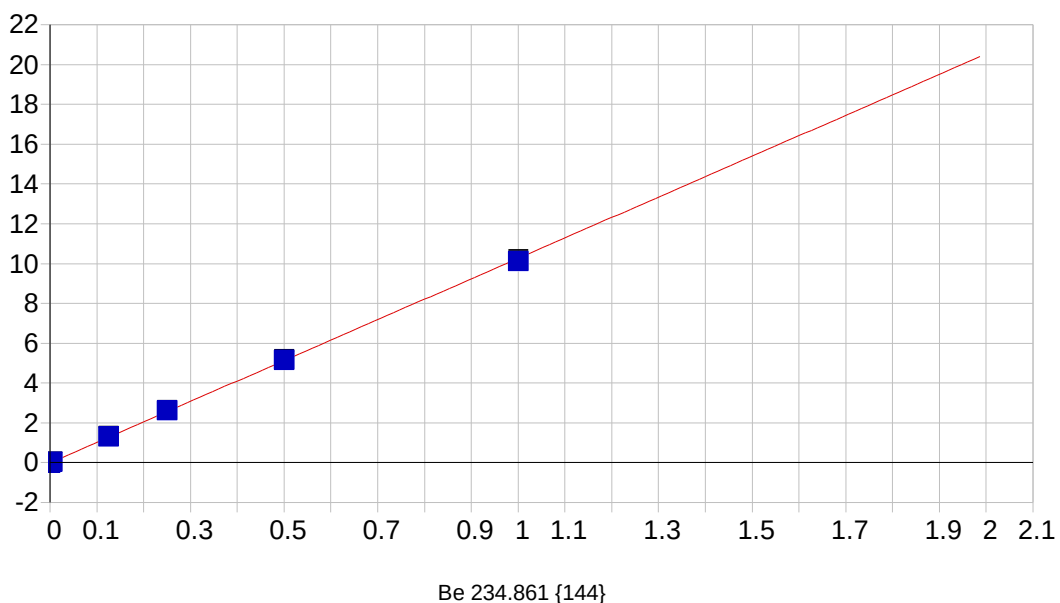


Ba 493.409 { 68}

Date of Fit: 10/9/2018 13:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.037263 Re-Slope: 1.000000
 A1 (Gain): 3.732519 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961 Status: OK.
 Std Error of Est: 0.003525
 Predicted MDL: 0.000996
 Predicted MQL: 0.003321

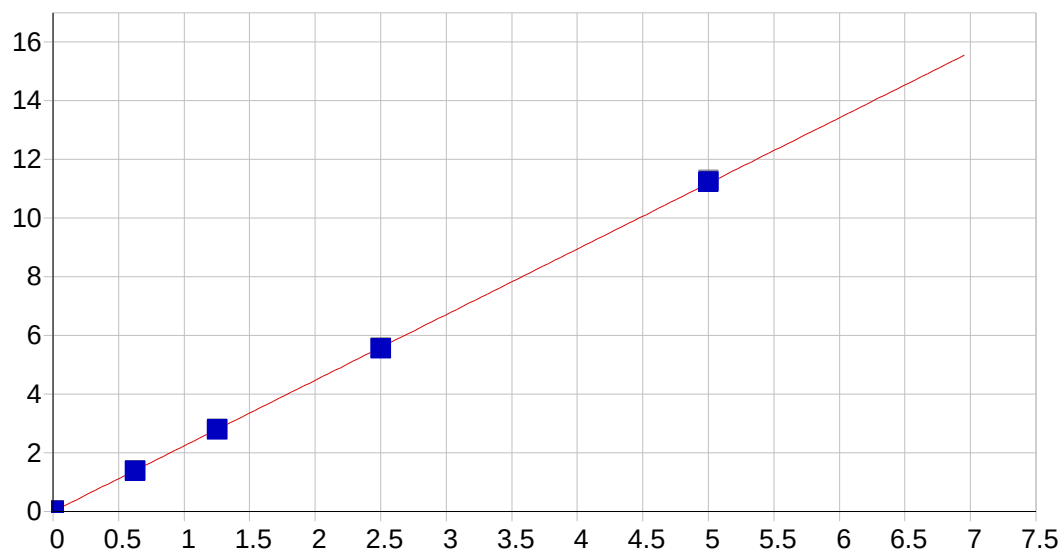
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.03728	.003	1
S1	.20000	.20132	.001	.662	.78870	.002	1
S2	2.5000	2.4485	-.051	-2.06	9.1763	.010	1
S3	5.0000	4.9598	-.040	-.804	18.550	.071	1
S4	10.000	9.9366	-.063	-.634	37.126	.098	1
S5	20.000	20.154	.154	.769	75.261	.131	1



Date of Fit: 10/9/2018 13:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003307 Re-Slope: 1.000000
 A1 (Gain): 10.265356 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999888 Status: OK.
 Std Error of Est: 0.000575
 Predicted MDL: 0.000063
 Predicted MQL: 0.000211

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00331	.001	1
S1	.00500	.00523	.000	4.64	.05036	.000	1
S2	.12500	.12871	.004	2.97	1.3123	.008	1
S3	.25000	.25590	.006	2.36	2.6123	.005	1
S4	.50000	.50231	.002	.463	5.1307	.035	1
S5	1.0000	.98785	-.012	-1.22	10.092	.068	1

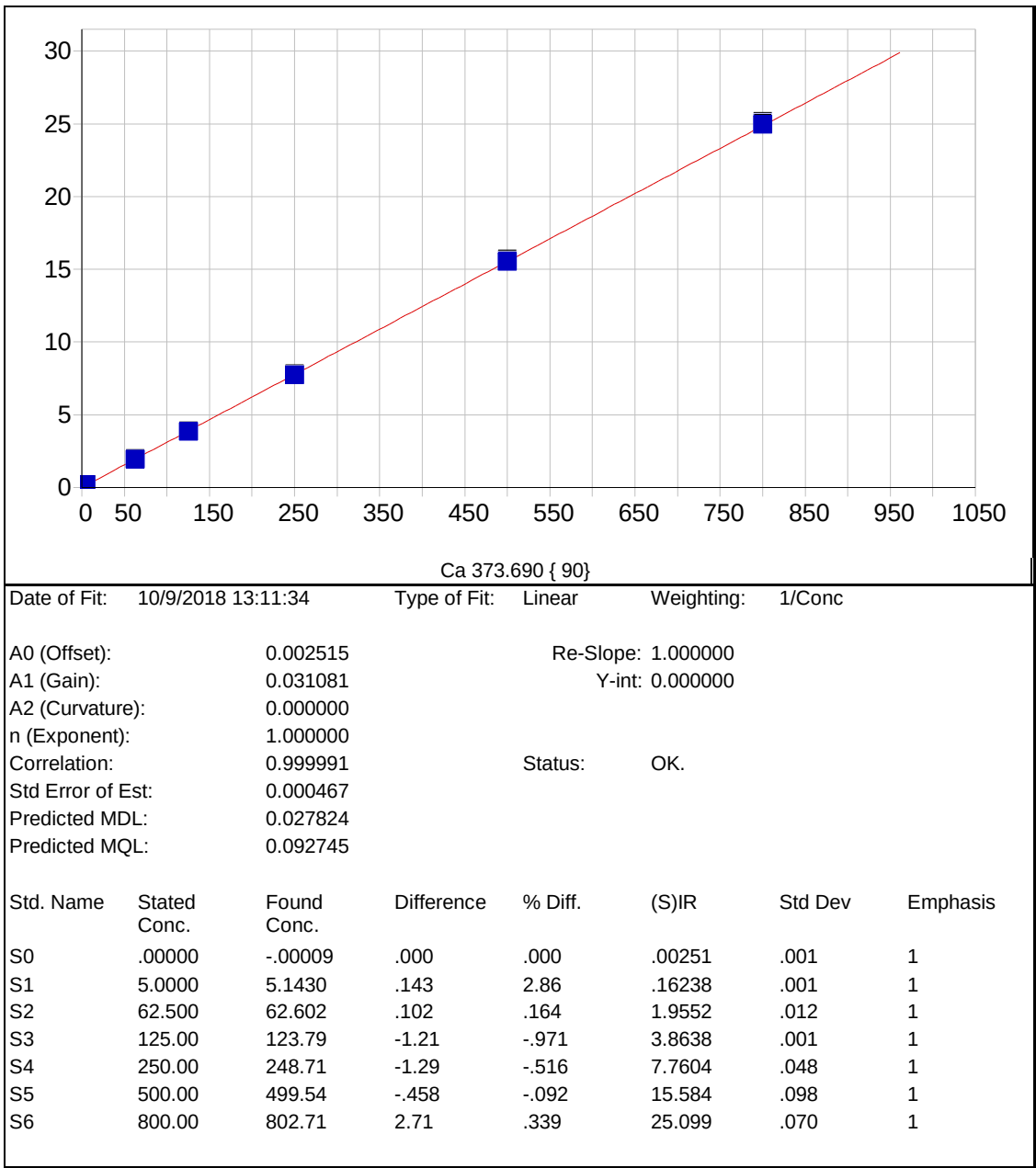


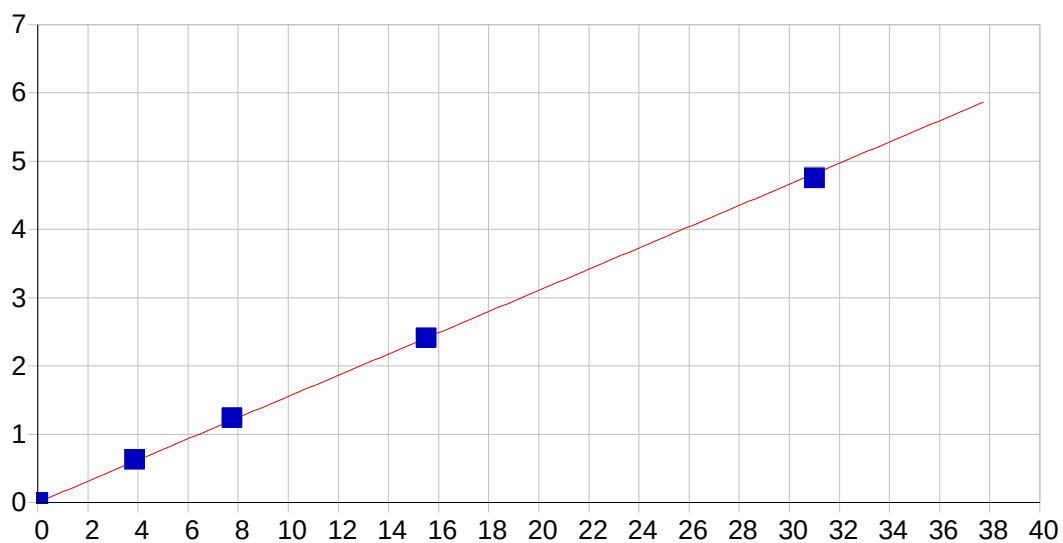
Cd 214.438 {457}

Date of Fit: 10/9/2018 13:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000185 Re-Slope: 1.000000
 A1 (Gain): 2.236986 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980 Status: OK.
 Std Error of Est: 0.000120
 Predicted MDL: 0.000089
 Predicted MQL: 0.000297

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00018	.000	1
S1	.00500	.00503	.000	.578	.01144	.000	1
S2	.62500	.61894	-.006	-.969	1.3876	.003	1
S3	1.2500	1.2480	-.002	-.157	2.7978	.001	1
S4	2.5000	2.4798	-.020	-.807	5.5590	.008	1
S5	5.0000	5.0282	.028	.563	11.271	.019	1



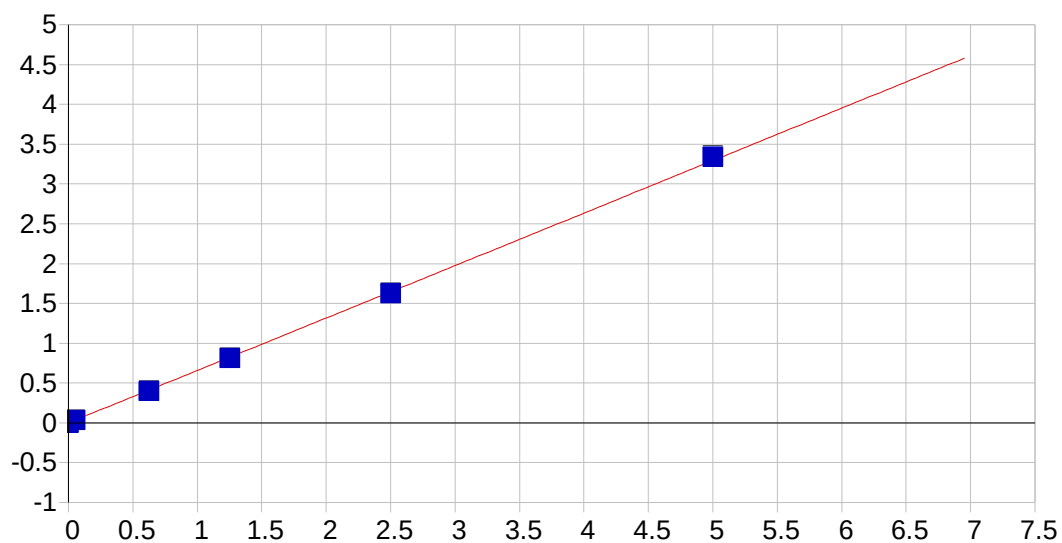


Cr 267.716 {126}

Date of Fit: 10/9/2018 13:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000047 Re-Slope: 1.000000
 A1 (Gain): 0.155368 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999840 Status: OK.
 Std Error of Est: 0.000082
 Predicted MDL: 0.000539
 Predicted MQL: 0.001796

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00005	.000	1
S1	.01000	.01137	.001	13.7	.00182	.000	1
S2	3.8750	4.0366	.162	4.17	.62827	.002	1
S3	7.7500	7.9680	.218	2.81	1.2401	.001	1
S4	15.500	15.533	.033	.212	2.4176	.001	1
S5	31.000	30.586	-.414	-1.34	4.7606	.005	1

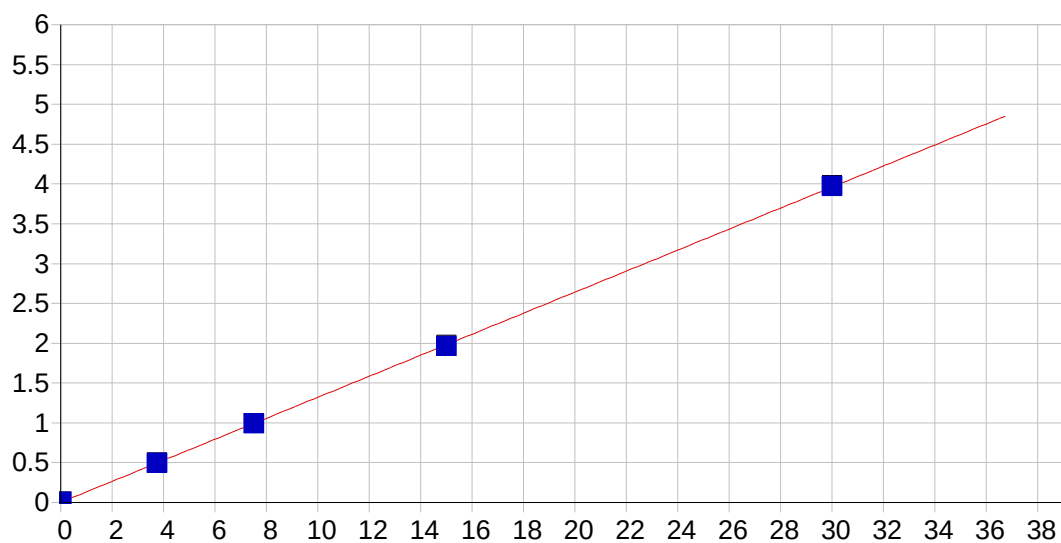


Co 228.616 {448}

Date of Fit: 10/9/2018 13:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000227 Re-Slope: 1.000000
 A1 (Gain): 0.658502 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999864 Status: OK.
 Std Error of Est: 0.000289
 Predicted MDL: 0.000293
 Predicted MQL: 0.000977

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00023	.000	1
S1	.05000	.04779	-.002	-4.41	.03182	.000	1
S2	.62500	.60427	-.021	-3.32	.39895	.001	1
S3	1.2500	1.2311	-.019	-1.51	.81254	.000	1
S4	2.5000	2.4681	-.032	-1.28	1.6287	.003	1
S5	5.0000	5.0738	.074	1.48	3.3478	.006	1

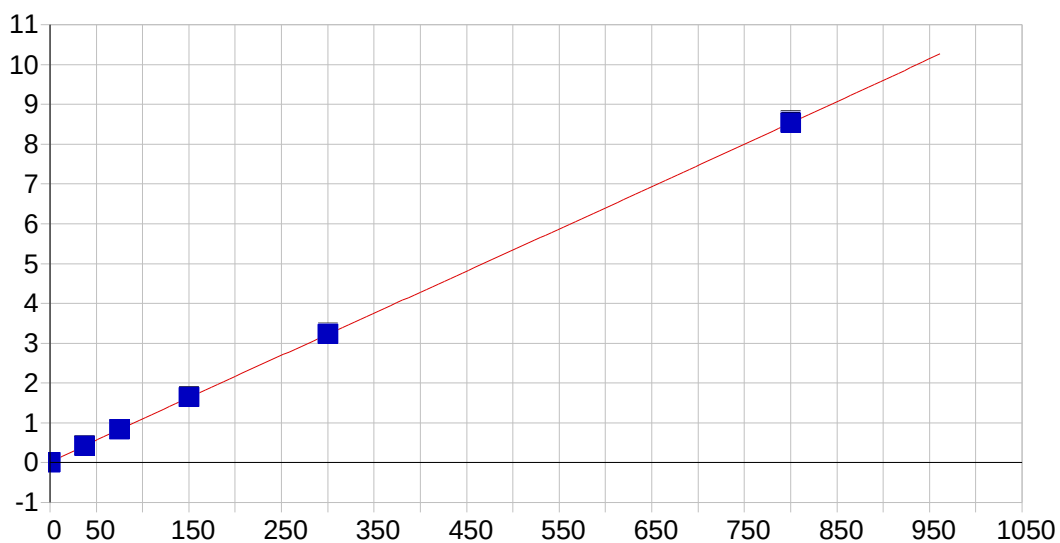


Cu 324.754 {104}

Date of Fit: 10/9/2018 13:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001194 Re-Slope: 1.000000
 A1 (Gain): 0.131996 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999987 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 0.004615
 Predicted MQL: 0.015382

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00119	.000	1
S1	.02500	.02253	-.002	-9.87	.00416	.000	1
S2	3.7500	3.7689	.019	.504	.49836	.001	1
S3	7.5000	7.5091	.009	.122	.99175	.003	1
S4	15.000	14.889	-.111	-.737	1.9653	.007	1
S5	30.000	30.085	.085	.283	3.9698	.010	1

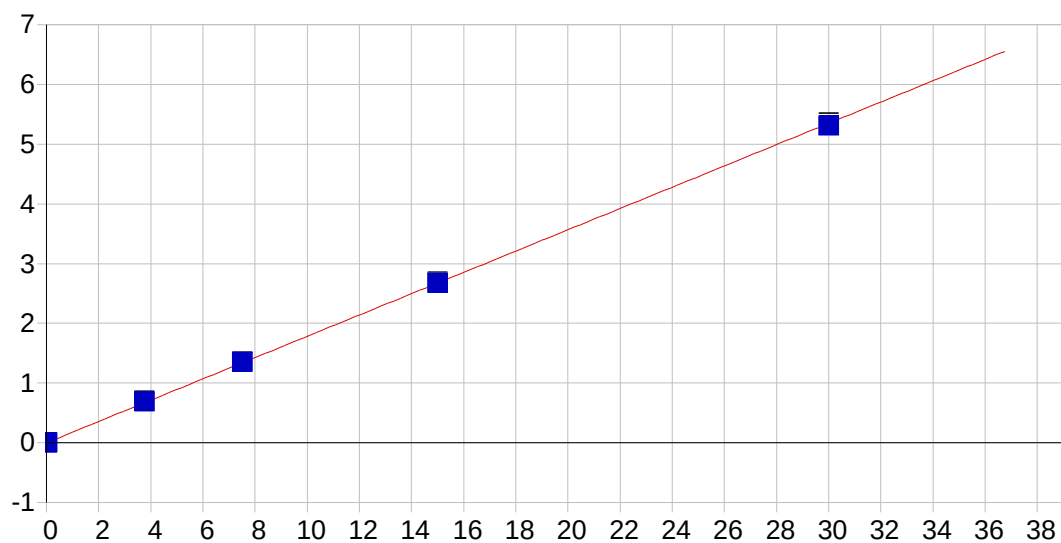


Fe 259.837 {130}

Date of Fit: 10/9/2018 13:11:34 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000146 Re-Slope: 1.000000
 A1 (Gain): 0.012578 Y-int: 0.000000
 A2 (Curvature): 0.000001
 n (Exponent): 0.970000
 Correlation: 0.999998 Status: Warning Positive Curvature
 Std Error of Est: 0.000014
 Predicted MDL: 0.021963
 Predicted MQL: 0.073210

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00015	.000	1
S1	.10000	.11211	.012	12.1	.00168	.000	1
S2	37.500	37.194	-.306	-.817	.42317	.002	1
S3	75.000	74.781	-.219	-.292	.83459	.003	1
S4	150.00	150.44	.435	.290	1.6498	.008	1
S5	300.00	300.25	.247	.082	3.2472	.014	1
S6	800.00	799.85	-.145	-.018	8.5751	.012	1

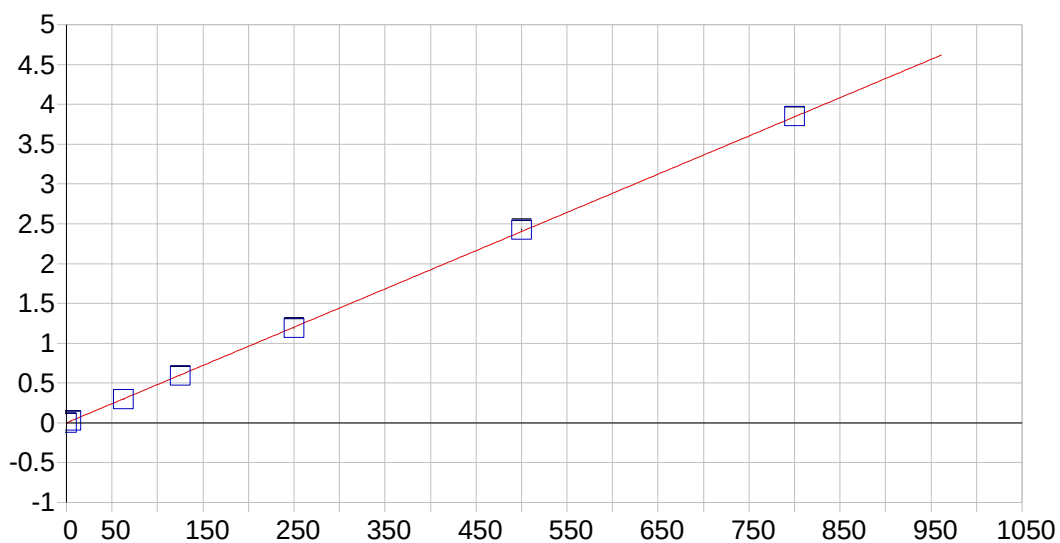


Mn 257.610 {131}

Date of Fit: 10/9/2018 13:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000025 Re-Slope: 1.000000
 A1 (Gain): 0.178291 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948 Status: OK.
 Std Error of Est: 0.000065
 Predicted MDL: 0.001533
 Predicted MQL: 0.005110

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00002	.000	1
S1	.01500	.01541	.000	2.74	.00277	.000	1
S2	3.7500	3.8621	.112	2.99	.68876	.008	1
S3	7.5000	7.5941	.094	1.25	1.3543	.001	1
S4	15.000	14.993	-.007	-.047	2.6737	.018	1
S5	30.000	29.800	-.200	-.665	5.3144	.046	1

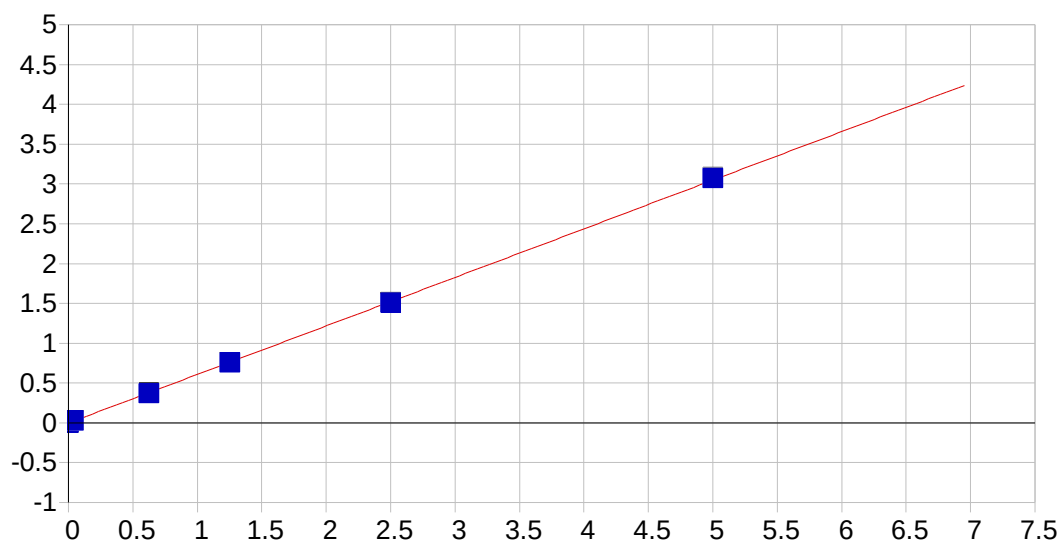


Mg 279.079 {121}

Date of Fit: 10/9/2018 13:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000217 Re-Slope: 1.000000
 A1 (Gain): 0.004805 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961 Status: OK.
 Std Error of Est: 0.000149
 Predicted MDL: 0.070644
 Predicted MQL: 0.235480

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00027	.000	.000	-.00022	.000	1
S1	5.0000	4.9158	-.084	-1.68	.02341	.000	1
S2	62.500	61.150	-1.35	-2.16	.29362	.002	1
S3	125.00	122.68	-2.32	-1.86	.58928	.003	1
S4	250.00	248.18	-1.82	-.729	1.1923	.008	1
S5	500.00	504.97	4.97	.995	2.4263	.011	1
S6	800.00	800.60	.605	.076	3.8469	.006	1

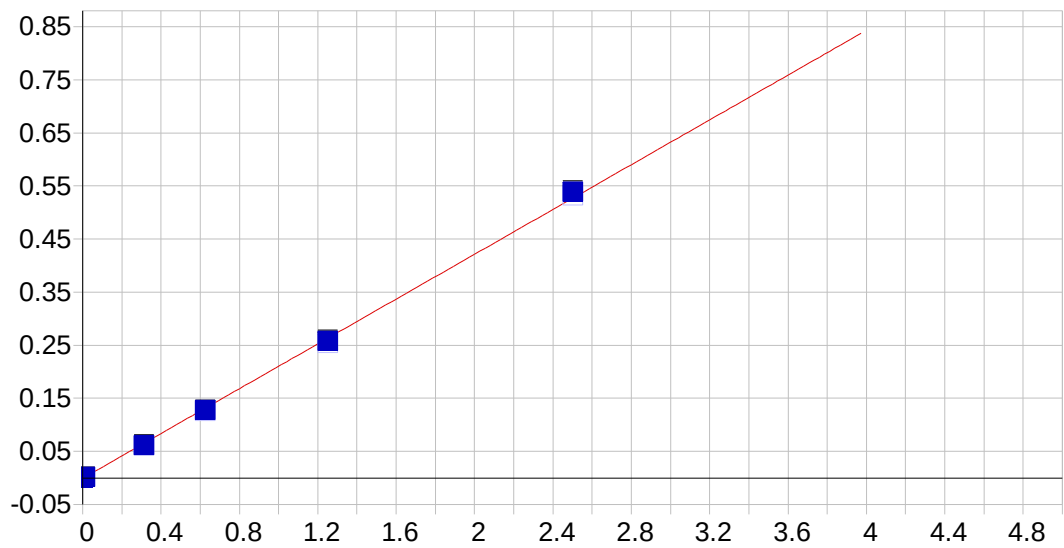


Ni 231.604 {446}

Date of Fit: 10/9/2018 13:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001575 Re-Slope: 1.000000
 A1 (Gain): 0.609682 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954 Status: OK.
 Std Error of Est: 0.000139
 Predicted MDL: 0.000413
 Predicted MQL: 0.001376

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00158	.000	1
S1	.04000	.04083	.001	2.08	.02333	.000	1
S2	.62500	.61435	-.011	-1.70	.37377	.001	1
S3	1.2500	1.2431	-.007	-.551	.75789	.001	1
S4	2.5000	2.4740	-.026	-1.04	1.5099	.002	1
S5	5.0000	5.0427	.043	.855	3.0791	.007	1

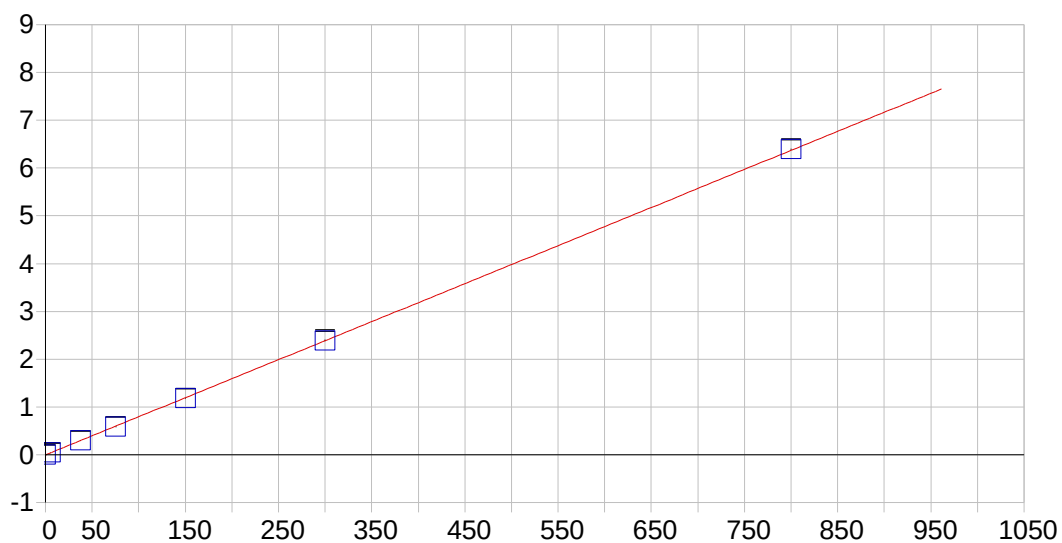


Ag 328.068 {103}

Date of Fit: 10/9/2018 13:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000694 Re-Slope: 1.000000
 A1 (Gain): 0.211003 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999637 Status: OK.
 Std Error of Est: 0.000047
 Predicted MDL: 0.000559
 Predicted MQL: 0.001862

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00069	.000	1
S1	.01000	.00890	-.001	-11.0	.00117	.000	1
S2	.31250	.29641	-.016	-5.15	.06085	.000	1
S3	.62500	.60795	-.017	-2.73	.12558	.000	1
S4	1.2500	1.2250	-.025	-2.00	.25378	.002	1
S5	2.5000	2.5592	.059	2.37	.53127	.002	1

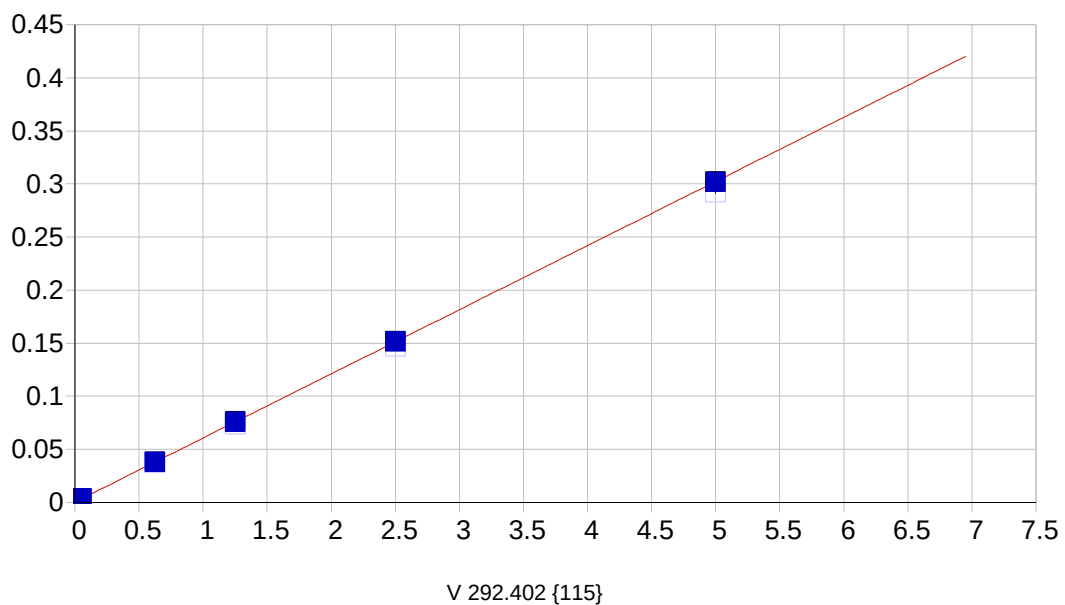


Na 818.326 { 41}

Date of Fit: 10/9/2018 13:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001575 Re-Slope: 1.000000
 A1 (Gain): 0.007962 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999969 Status: OK.
 Std Error of Est: 0.000193
 Predicted MDL: 0.326669
 Predicted MQL: 1.088897

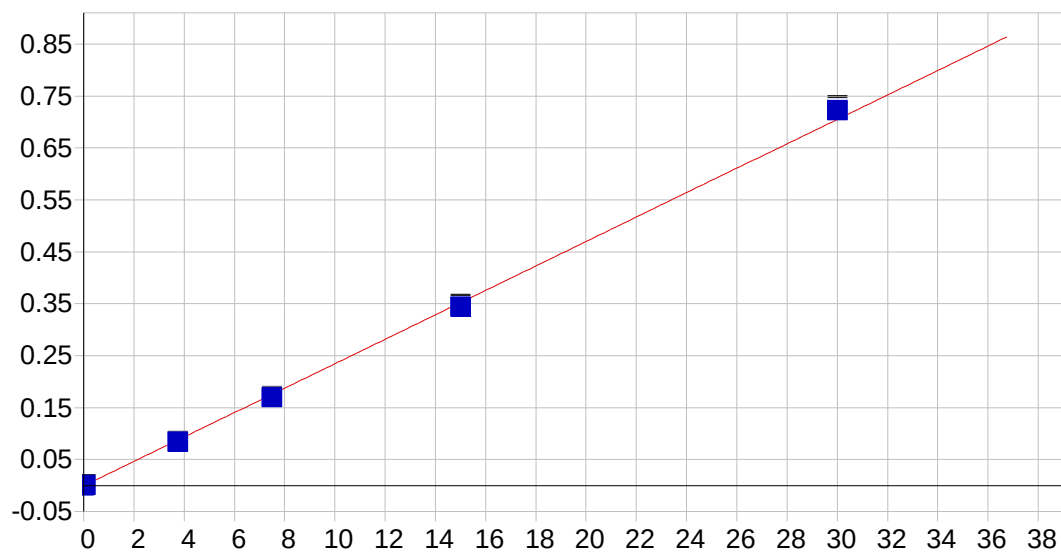
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	-.00158	.003	1
S1	5.0000	5.2361	.236	4.72	.04012	.002	1
S2	37.500	36.824	-.676	-1.80	.29163	.002	1
S3	75.000	73.616	-1.38	-1.85	.58457	.003	1
S4	150.00	148.17	-1.83	-1.22	1.1782	.005	1
S5	300.00	300.51	.506	.169	2.3911	.014	1
S6	800.00	803.14	3.14	.393	6.3933	.010	1



Date of Fit: 10/9/2018 13:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000369 Re-Slope: 1.000000
 A1 (Gain): 0.060387 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999997 Status: OK.
 Std Error of Est: 0.000004
 Predicted MDL: 0.006850
 Predicted MQL: 0.022833

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00037	.000	1
S1	.05000	.05104	.001	2.09	.00345	.000	1
S2	.62500	.62649	.001	.238	.03696	.000	1
S3	1.2500	1.2514	.001	.111	.07345	.000	1
S4	2.5000	2.5046	.005	.184	.14664	.000	1
S5	5.0000	4.9914	-.009	-.171	.29183	.001	1

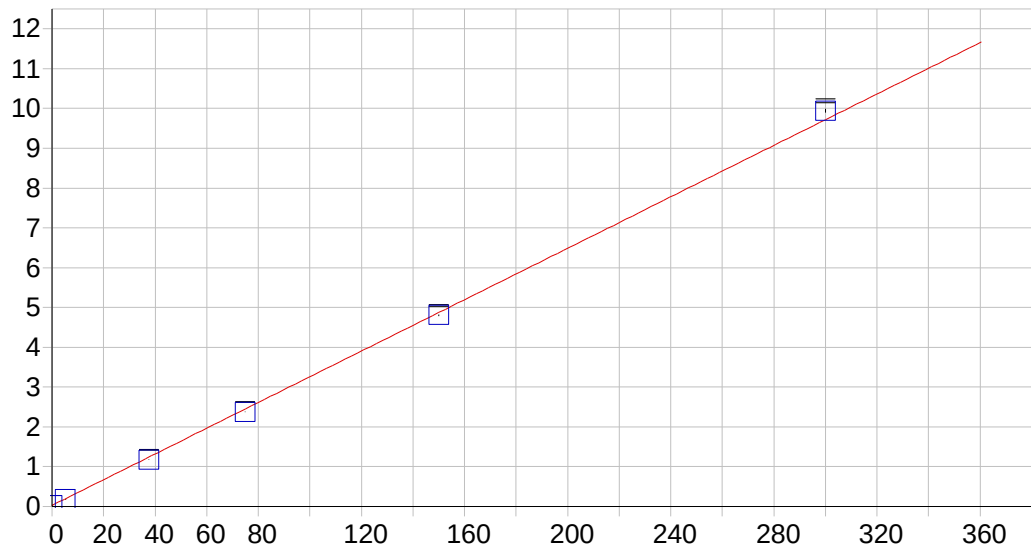


Zn 213.856 {158}

Date of Fit: 10/9/2018 13:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000738 Re-Slope: 1.000000
 A1 (Gain): 0.023523 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999624 Status: OK.
 Std Error of Est: 0.000046
 Predicted MDL: 0.014835
 Predicted MQL: 0.049451

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00074	.000	1
S1	.06000	.07308	.013	21.8	.00099	.000	1
S2	3.7500	3.6019	-.148	-3.95	.08440	.001	1
S3	7.5000	7.2652	-.235	-3.13	.17099	.001	1
S4	15.000	14.637	-.363	-2.42	.34522	.004	1
S5	30.000	30.733	.733	2.44	.72550	.006	1

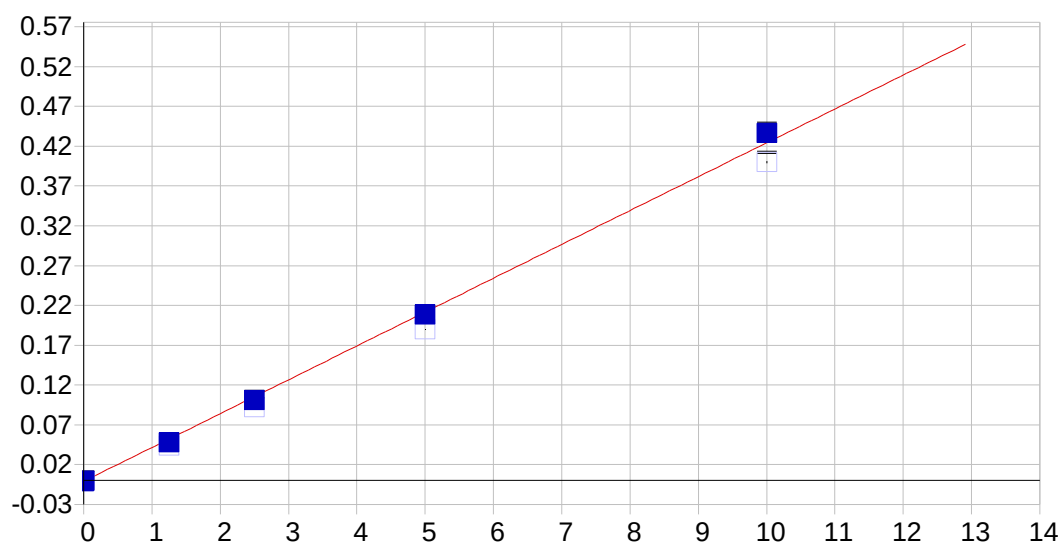


K 769.896 { 44}

Date of Fit: 10/9/2018 13:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.028445 Re-Slope: 1.000000
 A1 (Gain): 0.032297 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999655 Status: OK.
 Std Error of Est: 0.001749
 Predicted MDL: 0.072691
 Predicted MQL: 0.242303

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00073	.001	.000	.02847	.001	1
S1	5.0000	4.6503	-.350	-6.99	.17864	.001	1
S2	37.500	35.520	-1.98	-5.28	1.1756	.003	1
S3	75.000	72.526	-2.47	-3.30	2.3708	.007	1
S4	150.00	148.00	-2.00	-1.33	4.8084	.021	1
S5	300.00	306.80	6.80	2.27	9.9374	.048	1

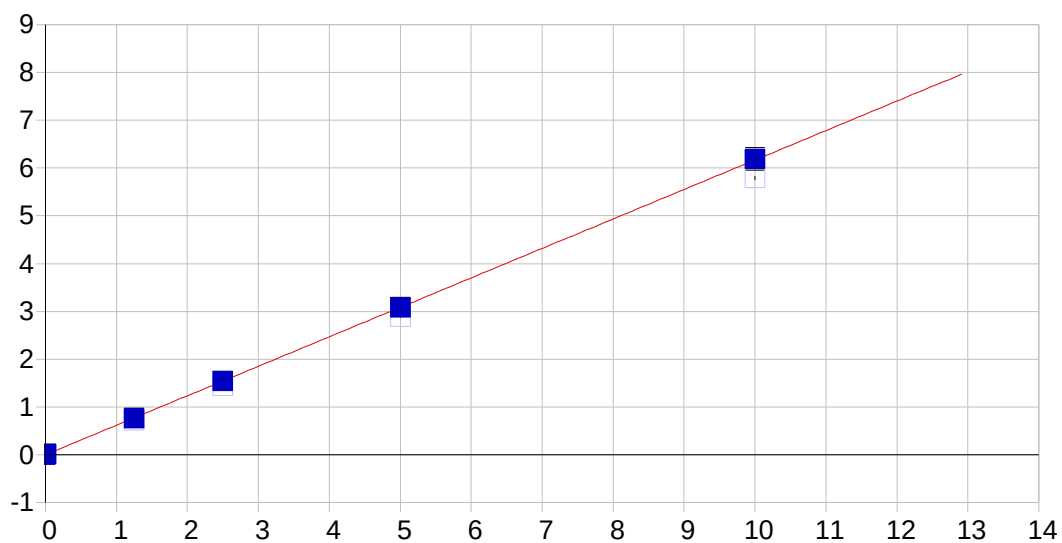


P 177.495 {490}

Date of Fit: 10/9/2018 13:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000960 Re-Slope: 1.000000
 A1 (Gain): 0.042521 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999305 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.002485
 Predicted MQL: 0.008283

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00096	.000	1
S1	.01000	.00926	-.001	-7.39	-.00059	.000	1
S2	1.2500	1.1532	-.097	-7.74	.04349	.000	1
S3	2.5000	2.3927	-.107	-4.29	.09161	.000	1
S4	5.0000	4.9170	-.083	-1.66	.18978	.000	1
S5	10.000	10.288	.288	2.88	.39981	.001	1

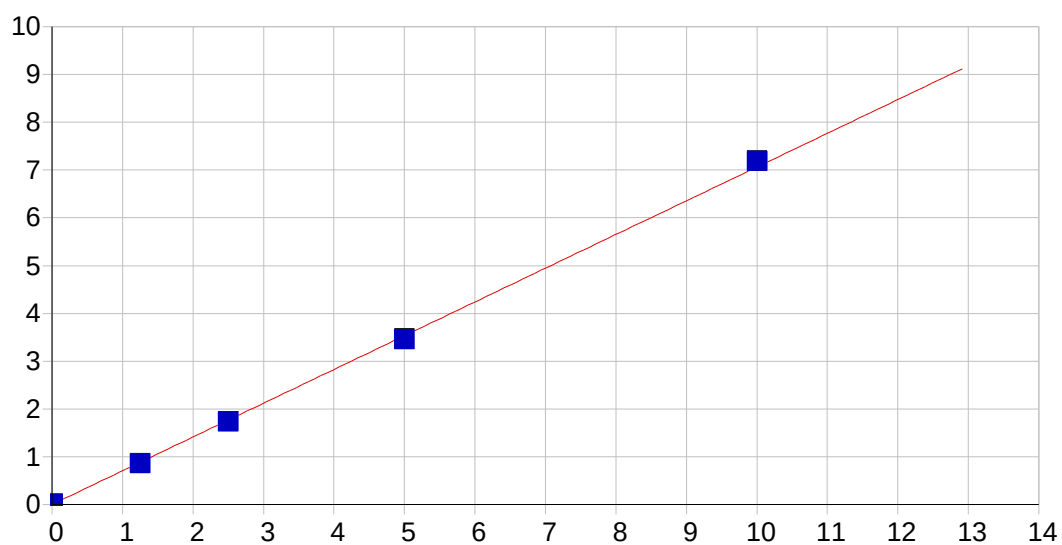


B 249.678 {135}

Date of Fit: 10/9/2018 13:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000098 Re-Slope: 1.000000
 A1 (Gain): 0.616743 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988 Status: OK.
 Std Error of Est: 0.000047
 Predicted MDL: 0.001083
 Predicted MQL: 0.003608

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00010	.000	1
S1	.01000	.01101	.001	10.1	.00680	.000	1
S2	1.2500	1.2359	-.014	-1.13	.71283	.006	1
S3	2.5000	2.4917	-.008	-.333	1.4378	.001	1
S4	5.0000	4.9930	-.007	-.140	2.8815	.013	1
S5	10.000	10.028	.028	.284	5.7890	.038	1

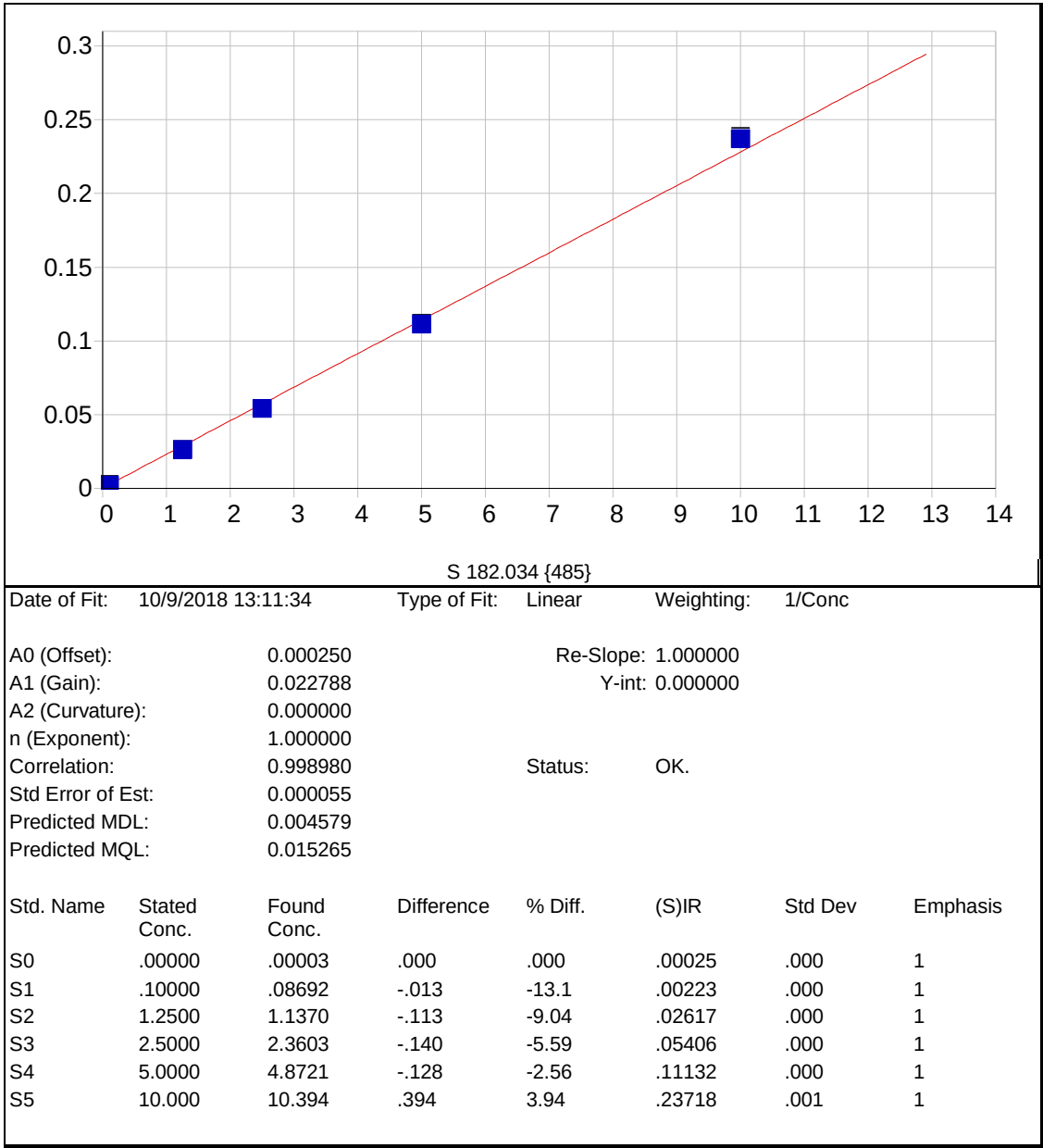


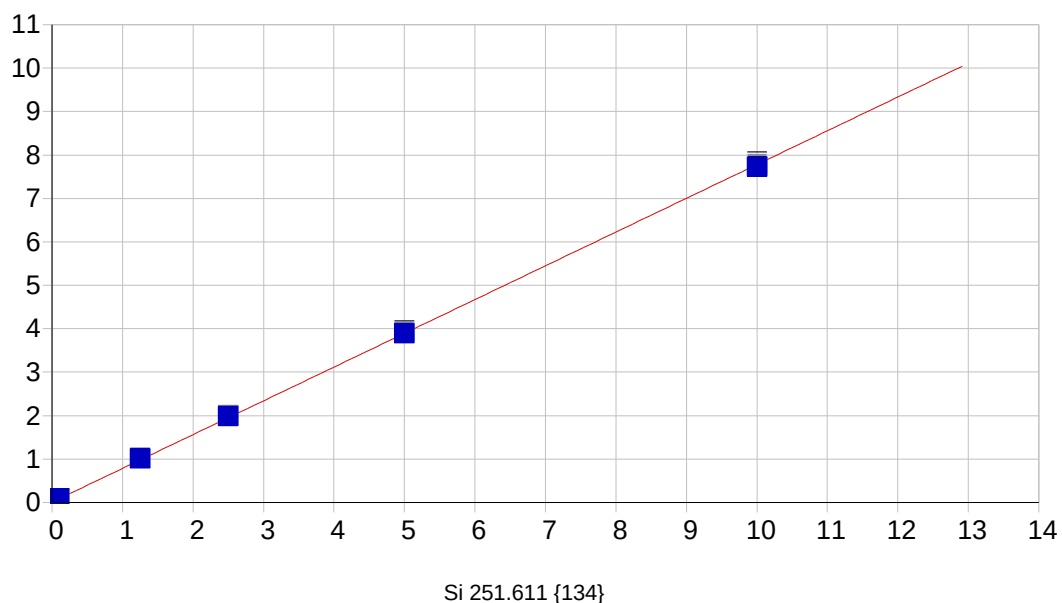
Mo 202.030 {467}

Date of Fit: 10/9/2018 13:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000398 Re-Slope: 1.000000
 A1 (Gain): 0.706250 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999813 Status: OK.
 Std Error of Est: 0.000229
 Predicted MDL: 0.000295
 Predicted MQL: 0.000983

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00040	.000	1
S1	.01000	.00999	.000	-.143	.00745	.000	1
S2	1.2500	1.2181	-.032	-2.55	.86064	.002	1
S3	2.5000	2.4524	-.048	-1.90	1.7323	.004	1
S4	5.0000	4.8991	-.101	-2.02	3.4602	.003	1
S5	10.000	10.180	.180	1.80	7.1901	.007	1

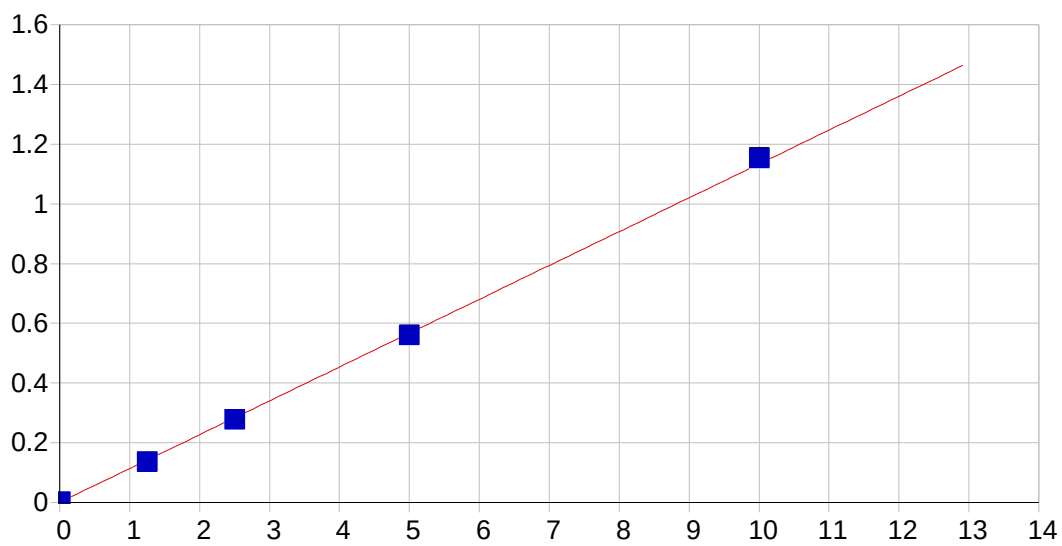




Date of Fit: 10/9/2018 13:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.009498 Re-Slope: 1.000000
 A1 (Gain): 0.776967 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953 Status: OK.
 Std Error of Est: 0.000403
 Predicted MDL: 0.000995
 Predicted MQL: 0.003316

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00950	.001	1
S1	.10000	.09756	-.002	-2.44	.08557	.000	1
S2	1.2500	1.2803	.030	2.42	1.0122	.010	1
S3	2.5000	2.5371	.037	1.49	1.9967	.010	1
S4	5.0000	5.0022	.002	.044	3.9279	.026	1
S5	10.000	9.9329	-.067	-.671	7.7907	.053	1

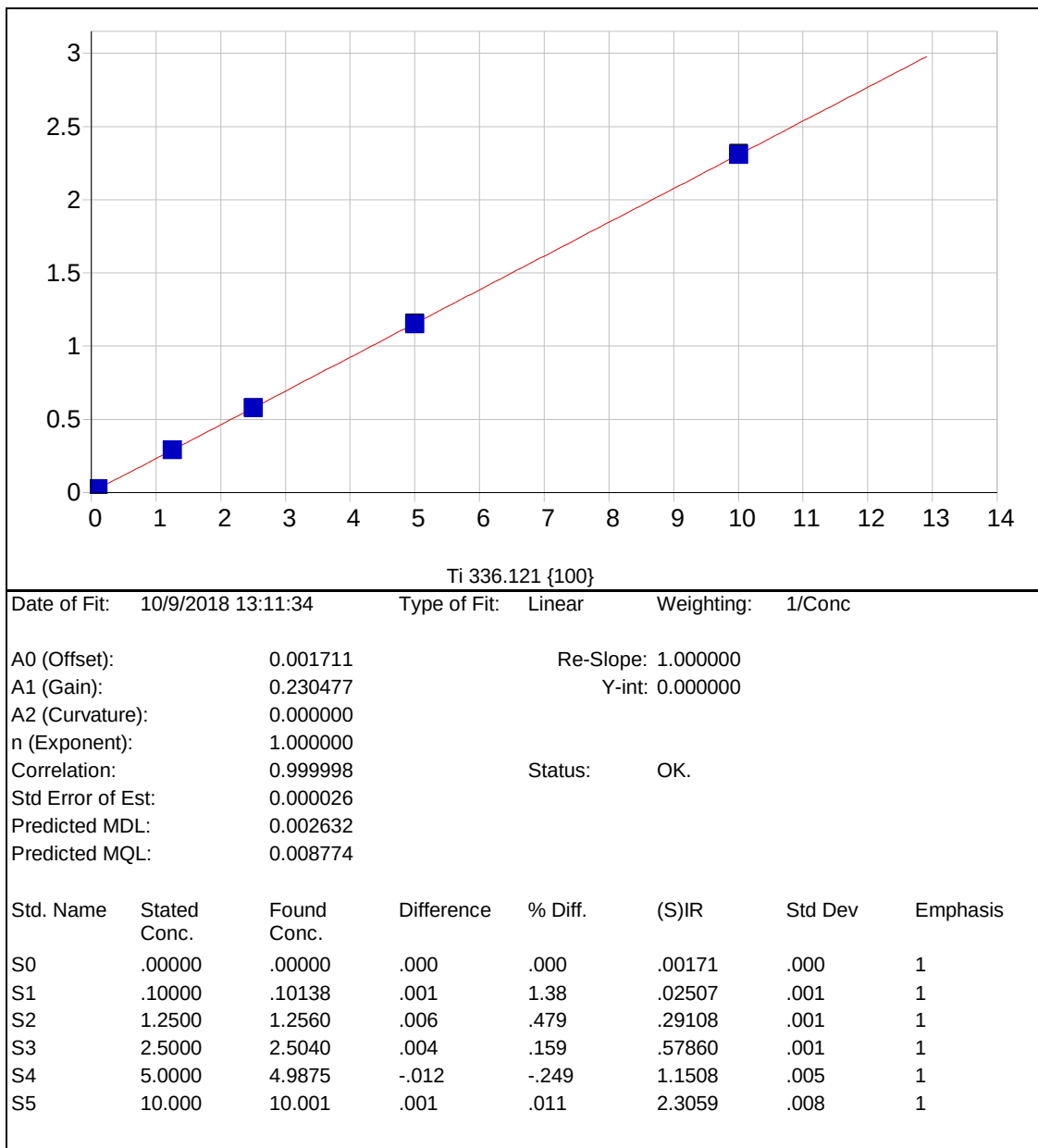


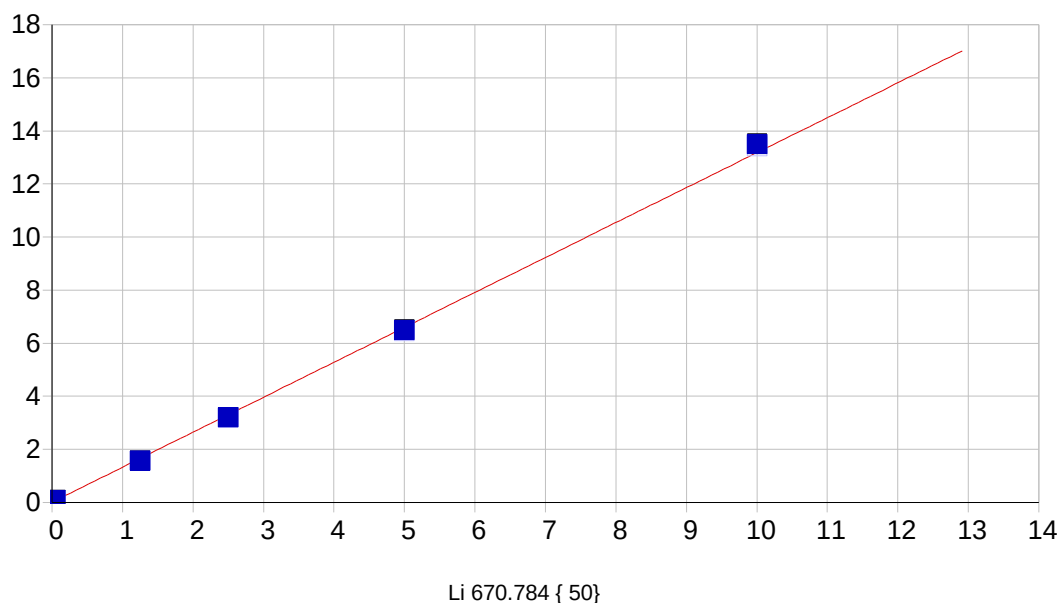
Sn 189.989 {478}

Date of Fit: 10/9/2018 13:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000386 Re-Slope: 1.000000
 A1 (Gain): 0.113329 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999791 Status: OK.
 Std Error of Est: 0.000032
 Predicted MDL: 0.001034
 Predicted MQL: 0.003446

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00039	.000	1
S1	.00700	.00542	-.002	-22.6	.00097	.000	1
S2	1.2500	1.1948	-.055	-4.42	.13547	.000	1
S3	2.5000	2.4434	-.057	-2.26	.27667	.001	1
S4	5.0000	4.9399	-.060	-1.20	.55897	.000	1
S5	10.000	10.173	.173	1.73	1.1508	.001	1

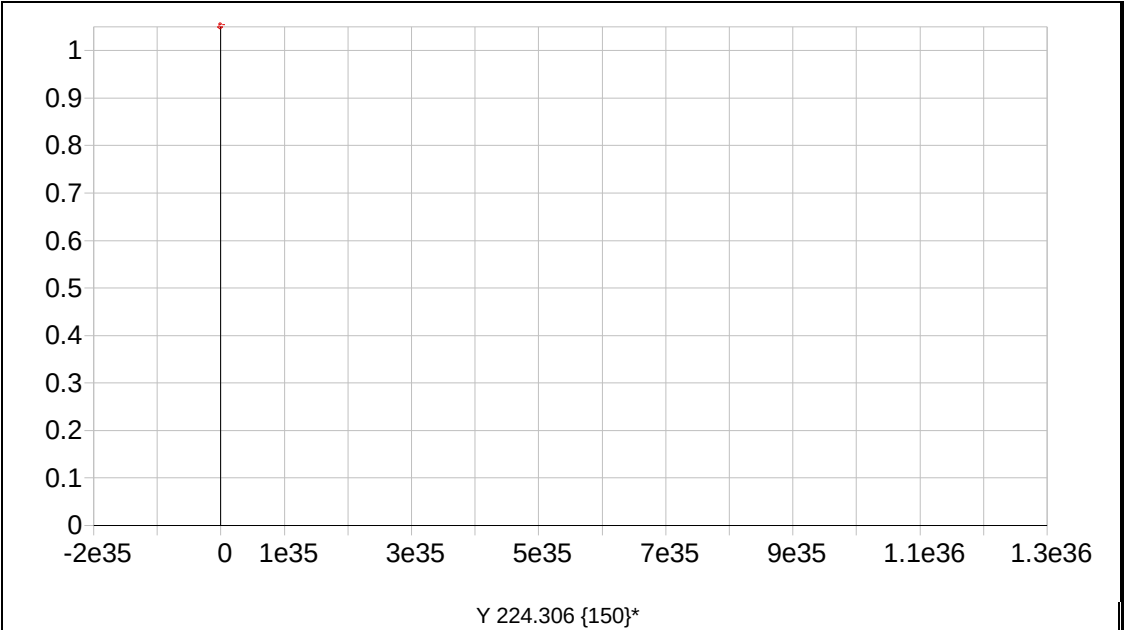




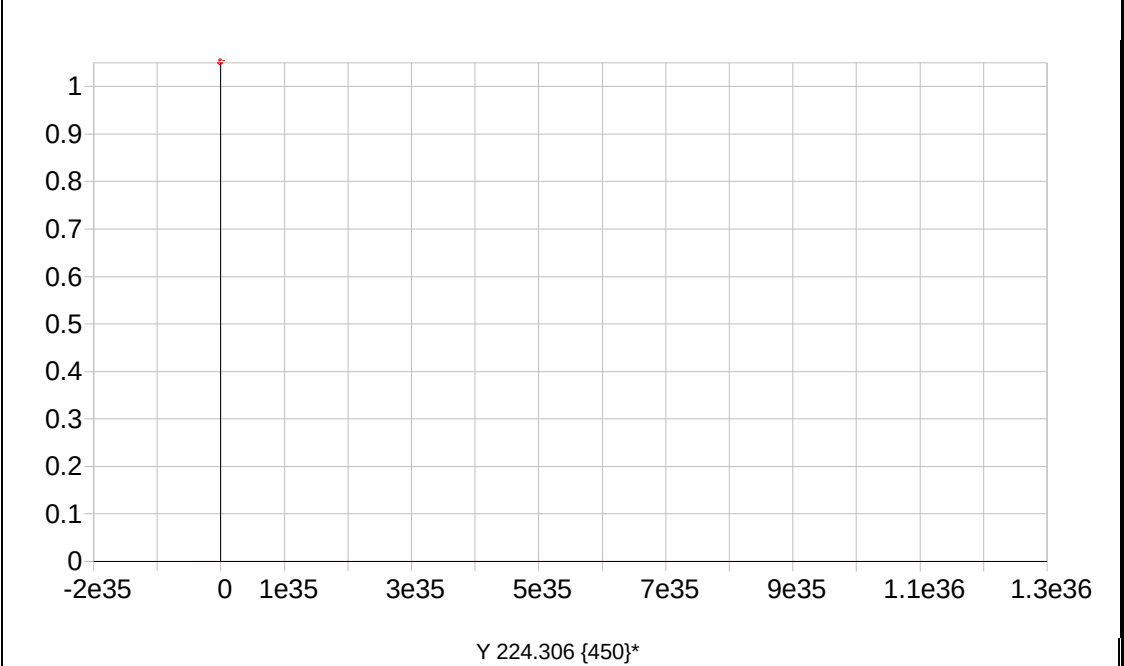
Date of Fit: 10/9/2018 13:11:34 Type of Fit: Linear Weighting: 1/Conc

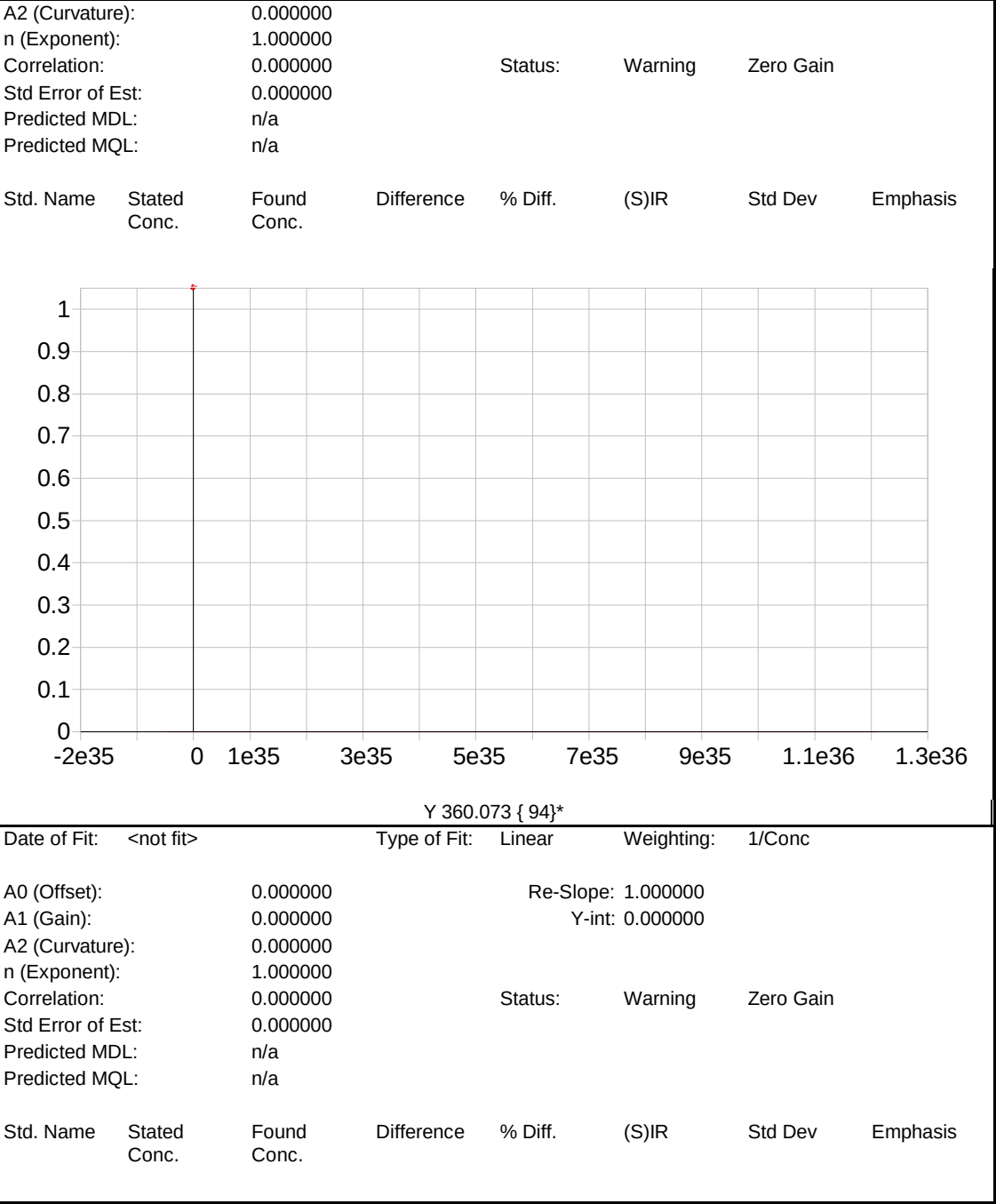
A0 (Offset): 0.015882 Re-Slope: 1.000000
 A1 (Gain): 1.316277 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999625 Status: OK.
 Std Error of Est: 0.001346
 Predicted MDL: 0.002040
 Predicted MQL: 0.006799

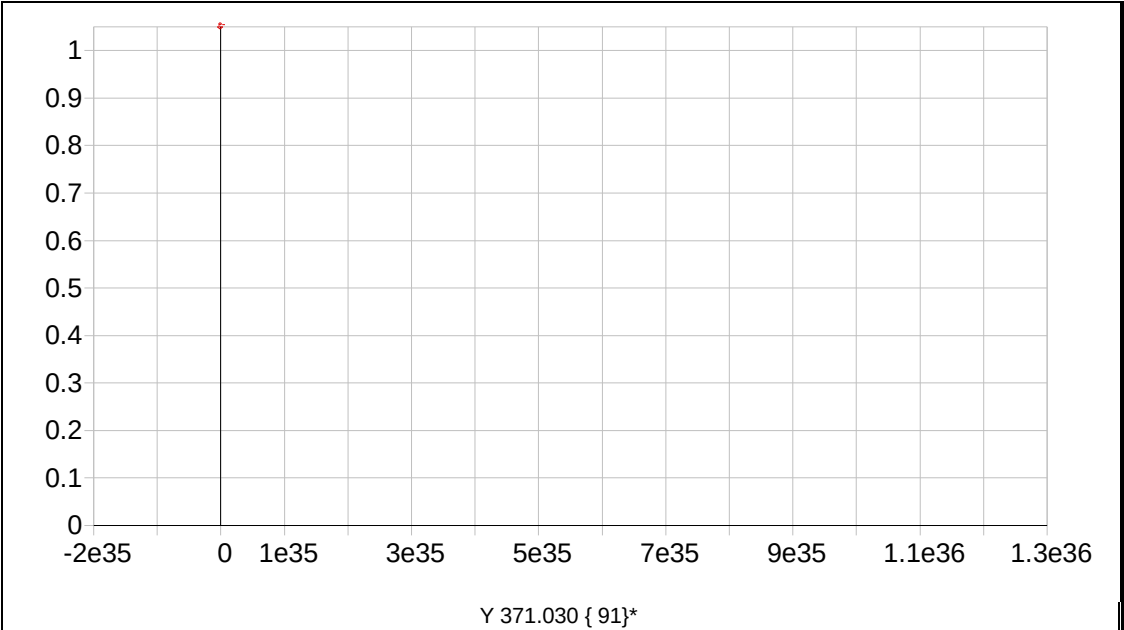
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.01589	.000	1
S5	10.000	10.238	.238	2.38	13.418	.032	1
S4	5.0000	4.9198	-.080	-1.60	6.4547	.027	1
S3	2.5000	2.4137	-.086	-3.45	3.1745	.015	1
S2	1.2500	1.1831	-.067	-5.35	1.5639	.002	1
S1	.05000	.04528	-.005	-9.43	.07536	.001	1



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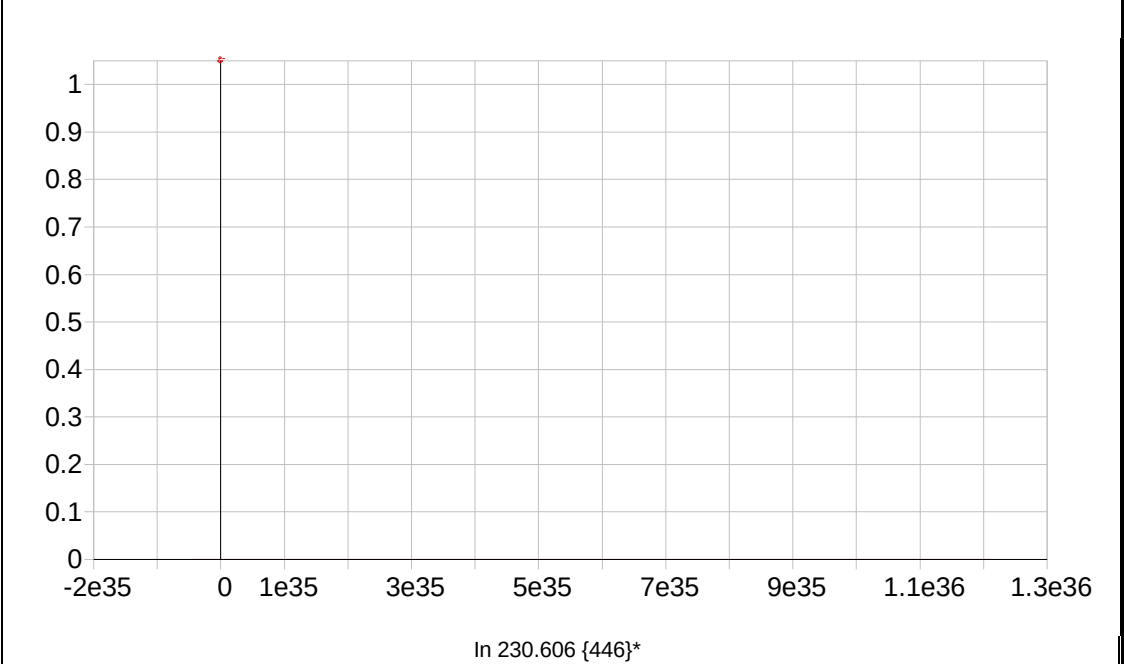




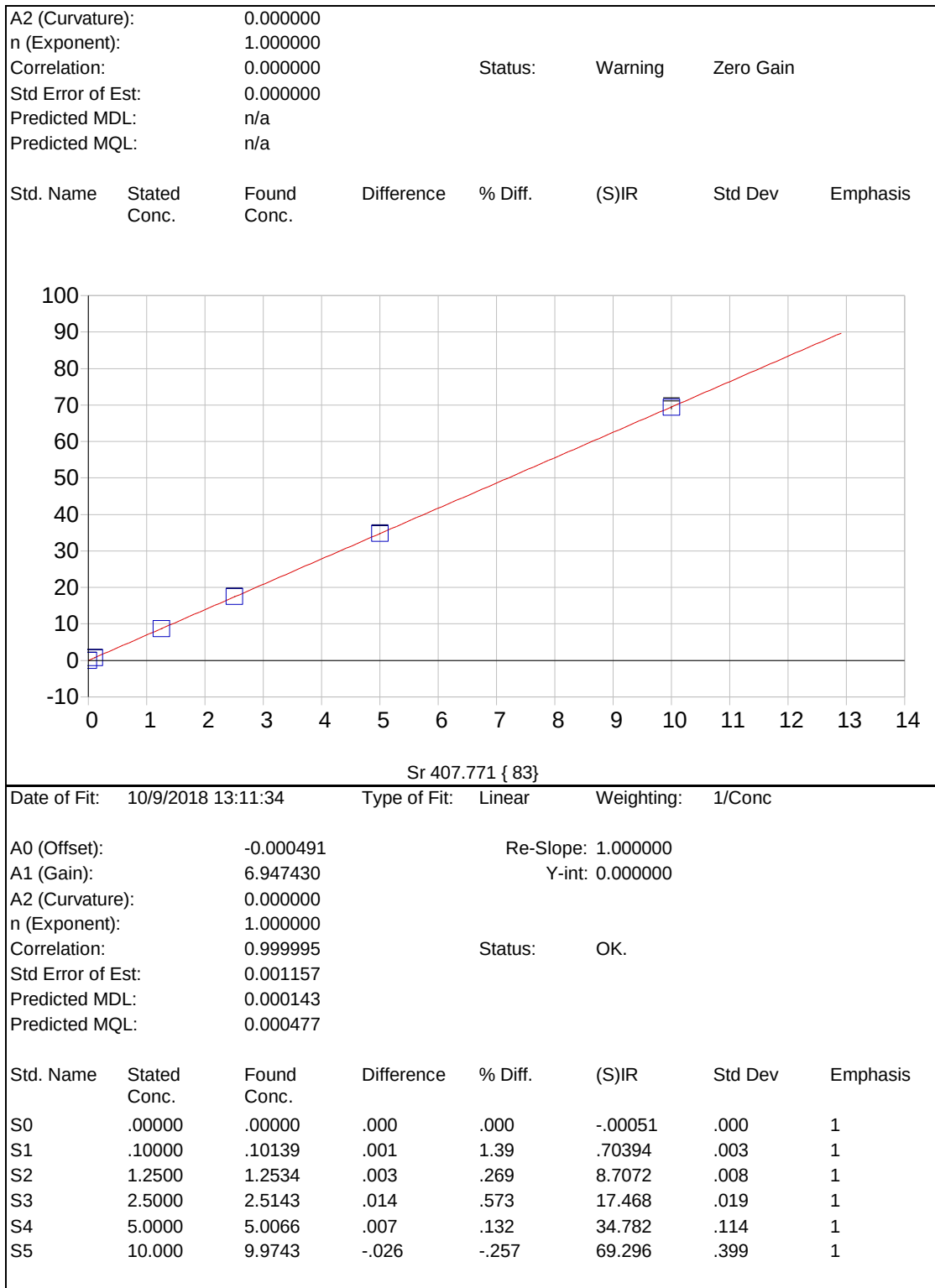


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



Sample Name: S0 Acquired: 10/9/2018 12:14:15 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) 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	-.00026	-.00058	-.00035	.00039	.00025	.00495	.03728	-.00331
Stddev	.00012	.00003	.00032	.00013	.00028	.00037	.00273	.00110
%RSD	47.770	5.8735	92.303	32.695	111.15	7.4717	7.3170	33.143

#1	-.00035	-.00060	-.00019	.00041	.00009	.00505	.03832	-.00266
#2	-.00012	-.00059	-.00014	.00026	.00009	.00526	.03933	-.00270
#3	-.00030	-.00054	-.00071	.00052	.00057	.00454	.03418	-.00458

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	.00018	.00251	.00005	.00023	.00119	.00015	.00002	-.00022
Stddev	.00005	.00059	.00004	.00026	.00034	.00027	.00013	.00043
%RSD	27.347	23.449	83.230	114.25	28.352	187.54	539.71	199.90

#1	.00015	.00301	.00005	.00016	.00115	-.00008	.00003	-.00057
#2	.00024	.00186	.00008	.00052	.00155	.00007	-.00011	.00026
#3	.00016	.00266	.00001	.00001	.00088	.00045	.00015	-.00034

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	-.00158	-.00069	-.00158	.00037	-.00074	.02847	-.00096	.00010
Stddev	.00006	.00005	.00334	.00028	.00022	.00098	.00005	.00024
%RSD	3.7966	7.9066	212.04	76.320	29.944	3.4300	4.9327	244.07

#1	-.00160	-.00069	.00124	.00034	-.00091	.02813	-.00095	.00033
#2	-.00151	-.00064	-.00070	.00066	-.00081	.02770	-.00101	.00010
#3	-.00162	-.00075	-.00527	.00010	-.00049	.02957	-.00092	-.00014

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	.00040	.00025	.00950	.00039	.00171	.01589	-.00051	
Stddev	.00003	.00004	.00076	.00006	.00018	.00047	.00021	
%RSD	8.4291	17.624	7.9502	14.963	10.795	2.9307	41.174	

#1	.00037	.00020	.00863	.00034	.00168	.01633	-.00030	
#2	.00043	.00026	.01003	.00037	.00154	.01540	-.00071	
#3	.00040	.00029	.00983	.00045	.00191	.01595	-.00050	

Sample Name: S0 Acquired: 10/9/2018 12:14:15 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) 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	2171.4	3141.1	48480.	4377.6	3834.4
Stddev	5.3	7.5	118.	23.9	8.4
%RSD	.24356	.24014	.24277	.54539	.21999
#1	2165.4	3135.3	48391.	4395.8	3824.7
#2	2175.5	3149.6	48436.	4350.6	3838.2
#3	2173.3	3138.4	48614.	4386.4	3840.3

Sample Name: S1 Acquired: 10/9/2018 12:18:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) 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	.00026	.00125	.00117	.00221	.00971	.02082	.78870	.05036
Stddev	.00021	.00011	.00013	.00008	.00031	.00192	.00220	.00047
%RSD	81.249	8.6380	11.482	3.4616	3.1750	9.2229	.27956	.93970

#1	.00014	.00119	.00133	.00214	.00964	.01881	.78977	.05059
#2	.00050	.00138	.00108	.00221	.00944	.02101	.79018	.05066
#3	.00014	.00119	.00110	.00229	.01005	.02264	.78617	.04981

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	.01144	.16238	.00182	.03182	.00416	.00168	.00277	.02341
Stddev	.00008	.00118	.00005	.00006	.00012	.00030	.00014	.00019
%RSD	.65608	.72922	2.7830	.17852	2.7941	17.865	4.9216	.81399

#1	.01136	.16105	.00179	.03184	.00405	.00133	.00292	.02362
#2	.01146	.16280	.00179	.03187	.00416	.00187	.00266	.02325
#3	.01151	.16330	.00188	.03176	.00428	.00183	.00273	.02335

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	.02333	.00117	.04012	.00345	.00099	.17864	-.00059	.00680
Stddev	.00017	.00002	.00196	.00041	.00024	.00136	.00009	.00034
%RSD	.72824	1.7832	4.8892	11.826	24.778	.75907	14.947	5.0354

#1	.02334	.00116	.03820	.00374	.00117	.17896	-.00065	.00645
#2	.02350	.00116	.04002	.00362	.00071	.17715	-.00064	.00680
#3	.02316	.00119	.04212	.00298	.00108	.17981	-.00049	.00714

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	.00745	.00223	.08557	.00097	.02507	.07536	.70394	
Stddev	.00023	.00010	.00009	.00016	.00071	.00101	.00298	
%RSD	3.0997	4.3827	.10923	16.332	2.8242	1.3440	.42285	

#1	.00718	.00212	.08564	.00115	.02576	.07635	.70303	
#2	.00762	.00227	.08560	.00085	.02511	.07540	.70153	
#3	.00754	.00230	.08546	.00091	.02434	.07432	.70727	

Sample Name: S1 Acquired: 10/9/2018 12:18:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) 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	2192.5	3144.5	48845.	4385.6	3883.2
Stddev	12.8	3.1	114.	19.0	5.3
%RSD	.58556	.09799	.23279	.43226	.13551
#1	2204.1	3147.0	48919.	4369.1	3884.4
#2	2178.7	3141.1	48714.	4381.3	3877.5
#3	2194.7	3145.5	48901.	4406.3	3887.8

Sample Name: S2 Acquired: 10/9/2018 12:22:29 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) 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	.05044	.08956	.98597	.06691	.19315	3.0793	9.1763	1.3123
Stddev	.00022	.00042	.00234	.00017	.00013	.0143	.0104	.0078
%RSD	.42836	.46716	.23718	.24742	.06925	.46517	.11311	.59193

#1	.05026	.09004	.98415	.06674	.19319	3.0708	9.1791	1.3135
#2	.05039	.08928	.98516	.06694	.19326	3.0713	9.1649	1.3041
#3	.05068	.08936	.98861	.06706	.19300	3.0958	9.1851	1.3194

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.3876	1.9552	.62827	.39895	.49836	.42317	.68876	.29362
Stddev	.0030	.0123	.00198	.00068	.00094	.00187	.00816	.00176
%RSD	.21577	.62669	.31536	.17035	.18882	.44175	1.1843	.60097

#1	1.3857	1.9465	.62934	.39873	.49744	.42269	.68374	.29212
#2	1.3861	1.9499	.62598	.39842	.49834	.42159	.68437	.29318
#3	1.3911	1.9692	.62948	.39972	.49932	.42524	.69817	.29557

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	.37377	.06085	.29163	.03696	.08440	1.1756	.04349	.71283
Stddev	.00058	.00027	.00151	.00028	.00112	.0029	.00007	.00633
%RSD	.15576	.44452	.51661	.75137	1.3325	.24617	.15079	.88858

#1	.37345	.06090	.29005	.03677	.08415	1.1744	.04342	.70956
#2	.37341	.06055	.29305	.03682	.08563	1.1736	.04351	.70880
#3	.37444	.06109	.29179	.03728	.08343	1.1790	.04354	.72013

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	.86064	.02617	1.0122	.13547	.29108	1.5639	8.7072	
Stddev	.00177	.00013	.0101	.00034	.00150	.0018	.0084	
%RSD	.20523	.48960	.99939	.25361	.51408	.11616	.09609	

#1	.86058	.02619	1.0130	.13529	.29265	1.5621	8.6990	
#2	.86244	.02629	1.0017	.13587	.28967	1.5639	8.7068	
#3	.85891	.02603	1.0219	.13526	.29092	1.5657	8.7157	

Sample Name: S2 Acquired: 10/9/2018 12:22:29 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) 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	2149.9	3052.9	48812.	4384.7	3681.9
Stddev	10.5	2.3	94.	16.9	2.1
%RSD	.49018	.07507	.19212	.38558	.05651
#1	2147.2	3050.4	48733.	4386.4	3680.5
#2	2141.0	3054.9	48786.	4400.7	3684.3
#3	2161.6	3053.3	48916.	4367.0	3680.9

Sample Name: S3 Acquired: 10/9/2018 12:26:22 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) 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	.10232	.18108	2.0008	.13216	.38790	6.1909	18.550	2.6123
Stddev	.00020	.00019	.0013	.00024	.00101	.0160	.071	.0046
%RSD	.19868	.10372	.06545	.17964	.26105	.25794	.38541	.17814

#1	.10215	.18088	1.9993	.13190	.38683	6.1731	18.467	2.6083
#2	.10228	.18110	2.0018	.13222	.38803	6.1955	18.593	2.6174
#3	.10255	.18126	2.0012	.13237	.38885	6.2040	18.590	2.6113

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	2.7978	3.8638	1.2401	.81254	.99175	.83459	1.3543	.58928
Stddev	.0011	.0012	.0011	.00020	.00299	.00299	.0014	.00320
%RSD	.03922	.03116	.08869	.02484	.30165	.35810	.10048	.54381

#1	2.7973	3.8633	1.2398	.81265	.98847	.83769	1.3534	.59177
#2	2.7990	3.8651	1.2414	.81231	.99246	.83437	1.3559	.59041
#3	2.7970	3.8629	1.2392	.81267	.99433	.83172	1.3536	.58567

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	.75789	.12558	.58457	.07345	.17099	2.3708	.09161	1.4378
Stddev	.00055	.00033	.00311	.00030	.00118	.0068	.00005	.0008
%RSD	.07261	.26143	.53212	.40986	.68876	.28585	.05449	.05775

#1	.75801	.12526	.58107	.07379	.17218	2.3637	.09158	1.4370
#2	.75837	.12591	.58700	.07334	.16982	2.3771	.09167	1.4387
#3	.75729	.12556	.58566	.07322	.17097	2.3718	.09160	1.4377

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	1.7323	.05406	1.9967	.27667	.57860	3.1745	17.468	
Stddev	.0038	.00011	.0102	.00051	.00103	.0151	.019	
%RSD	.21848	.20368	.51306	.18307	.17796	.47540	.10809	

#1	1.7291	.05411	1.9940	.27664	.57762	3.1573	17.452	
#2	1.7313	.05412	2.0080	.27719	.57852	3.1804	17.488	
#3	1.7365	.05393	1.9881	.27618	.57967	3.1857	17.463	

Sample Name: S3 Acquired: 10/9/2018 12:26:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) 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	2092.5	2964.0	48432.	4380.0	3512.6
Stddev	13.6	4.4	115.	6.8	8.7
%RSD	.64801	.14974	.23703	.15540	.24772
#1	2084.1	2964.5	48564.	4386.6	3509.7
#2	2108.2	2959.3	48381.	4373.0	3505.6
#3	2085.3	2968.1	48353.	4380.4	3522.3

Sample Name: S4 Acquired: 10/9/2018 12:30:12 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) 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	.20462	.35510	4.0400	.25555	.77471	12.492	37.126	5.1307
Stddev	.00020	.00039	.0057	.00042	.00069	.036	.098	.0349
%RSD	.09631	.10980	.14158	.16324	.08915	.29044	.26396	.67996

#1	.20460	.35482	4.0377	.25530	.77392	12.491	37.079	5.1107
#2	.20444	.35555	4.0358	.25604	.77519	12.529	37.239	5.1710
#3	.20483	.35495	4.0465	.25533	.77503	12.457	37.060	5.1104

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.5590	7.7604	2.4176	1.6287	1.9653	1.6498	2.6737	1.1923
Stddev	.0080	.0477	.0014	.0034	.0071	.0082	.0185	.0084
%RSD	.14398	.61447	.05738	.20824	.36348	.49773	.69047	.70636

#1	5.5570	7.7663	2.4181	1.6277	1.9665	1.6523	2.6876	1.1955
#2	5.5522	7.8049	2.4160	1.6260	1.9718	1.6565	2.6809	1.1987
#3	5.5678	7.7101	2.4187	1.6325	1.9576	1.6407	2.6528	1.1828

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	1.5099	.25378	1.1782	.14664	.34522	4.8084	.18978	2.8815
Stddev	.0015	.00223	.0055	.00035	.00364	.0206	.00002	.0132
%RSD	.10064	.87834	.46445	.24169	1.0544	.42926	.01277	.45735

#1	1.5082	.25620	1.1802	.14631	.34904	4.7910	.18980	2.8758
#2	1.5104	.25180	1.1825	.14701	.34180	4.8312	.18979	2.8966
#3	1.5111	.25334	1.1720	.14658	.34481	4.8031	.18975	2.8721

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	3.4602	.11132	3.9279	.55897	1.1508	6.4547	34.782	
Stddev	.0031	.00027	.0262	.00048	.0048	.0268	.114	
%RSD	.08962	.24003	.66626	.08551	.41754	.41559	.32778	

#1	3.4566	.11146	3.9191	.55942	1.1519	6.4386	34.692	
#2	3.4623	.11101	3.9573	.55847	1.1549	6.4856	34.910	
#3	3.4617	.11148	3.9072	.55901	1.1455	6.4398	34.745	

Sample Name: S4 Acquired: 10/9/2018 12:30:12 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) 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	2012.0	2826.5	47814.	4315.4	3296.4
Stddev	10.7	2.5	271.	28.7	2.3
%RSD	.53173	.08937	.56617	.66428	.06928
#1	1999.6	2829.3	47502.	4325.7	3297.1
#2	2017.8	2825.9	47946.	4283.0	3298.4
#3	2018.5	2824.3	47993.	4337.5	3293.9

Sample Name: S5 Acquired: 10/9/2018 12:34:01 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) 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	.43229	.70976	8.3286	.50949	1.6241	25.726	75.261	10.092
Stddev	.00133	.00232	.0133	.00089	.0045	.079	.131	.068
%RSD	.30828	.32642	.15965	.17482	.27789	.30555	.17451	.66982

#1	.43152	.70739	8.3136	.50848	1.6189	25.638	75.185	10.112
#2	.43152	.70987	8.3390	.51014	1.6267	25.787	75.413	10.148
#3	.43383	.71202	8.3332	.50986	1.6269	25.754	75.186	10.017

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	11.271	15.584	4.7606	3.3478	3.9698	3.2472	5.3144	2.4263
Stddev	.019	.098	.0048	.0060	.0097	.0142	.0456	.0114
%RSD	.16968	.63047	.10010	.17760	.24405	.43690	.85734	.47095

#1	11.249	15.473	4.7661	3.3412	3.9587	3.2309	5.2618	2.4133
#2	11.284	15.658	4.7577	3.3527	3.9766	3.2569	5.3415	2.4349
#3	11.280	15.622	4.7581	3.3496	3.9741	3.2537	5.3399	2.4307

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.0791	.53127	2.3911	.29183	.72550	9.9374	.39981	5.7890
Stddev	.0073	.00162	.0136	.00071	.00567	.0479	.00128	.0381
%RSD	.23575	.30566	.56832	.24261	.78106	.48170	.32089	.65887

#1	3.0714	.53288	2.3780	.29142	.72273	9.9133	.39867	5.8074
#2	3.0802	.52963	2.4051	.29265	.72175	9.9925	.39957	5.8145
#3	3.0858	.53130	2.3903	.29143	.73202	9.9063	.40120	5.7452

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	7.1901	.23718	7.7907	1.1508	2.3059	13.418	69.296	
Stddev	.0074	.00111	.0529	.0015	.0076	.032	.399	
%RSD	.10324	.46798	.67904	.12896	.33031	.23919	.57517	

#1	7.1828	.23590	7.8253	1.1496	2.2973	13.383	68.901	
#2	7.1977	.23786	7.8170	1.1503	2.3086	13.446	69.698	
#3	7.1897	.23778	7.7298	1.1525	2.3117	13.425	69.287	

Sample Name: S5 Acquired: 10/9/2018 12:34:01 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) 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	1871.4	2602.4	46506.	4261.8	3019.1
Stddev	4.8	1.8	106.	22.8	1.5
%RSD	.25445	.06753	.22804	.53382	.05119
#1	1871.0	2600.8	46427.	4259.5	3018.3
#2	1876.3	2602.2	46626.	4240.3	3018.1
#3	1866.8	2604.3	46464.	4285.7	3020.9

Sample Name: S6 Acquired: 10/9/2018 12:37:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) 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	68.224	25.099	8.5751	3.8469	6.3933
Stddev	.164	.070	.0119	.0059	.0099
%RSD	.24105	.27781	.13826	.15319	.15425

#1	68.413	25.172	8.5772	3.8517	6.4044
#2	68.145	25.032	8.5623	3.8403	6.3856
#3	68.113	25.094	8.5858	3.8487	6.3899

Int. Std.	Y_3710
Units	Cts/S
Avg	4155.4
Stddev	6.9
%RSD	.16486

#1	4157.1
#2	4161.2
#3	4147.8

Sample Name: ICV Acquired: 10/9/2018 12:42:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9690671	1.046929	.9387280	1.039150	.9691237	2.349179
Stddev	.0045476	.001823	.0028665	.002620	.0032428	.007146
%RSD	.4692706	.1740829	.3053565	.2521568	.3346134	.3042069

#1	.9728344	1.047540	.9358106	1.040229	.9723647	2.341108
#2	.9640155	1.044879	.9415407	1.036163	.9691272	2.354704
#3	.9703513	1.048368	.9388329	1.041060	.9658791	2.351723

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5074197	.4946747	.4975217	10.29260	.5355671	.4907690
Stddev	.0017569	.0012349	.0013942	.06374	.0007486	.0008096
%RSD	.3462444	.2496361	.2802334	.6192947	.1397816	.1649577

#1	.5057595	.4938346	.4959232	10.25731	.5348249	.4899925
#2	.5072400	.4960925	.4981550	10.25430	.5363220	.4907065
#3	.5092595	.4940969	.4984868	10.36618	.5355543	.4916080

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5218768	4.903611	.5198307	5.873325	.5052031	.4764233
Stddev	.0047179	.034797	.0011618	.050539	.0009681	.0038854
%RSD	.9040340	.7096246	.2234998	.8604794	.1916267	.8155261

#1	.5226479	4.937131	.5185030	5.815230	.5040956	.4724039
#2	.5168209	4.867663	.5206610	5.897593	.5058887	.4801591
#3	.5261617	4.906039	.5203280	5.907153	.5056249	.4767069

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.08733	.5208853	1.008296	9.592144	F .0087070	F .0134411
Stddev	.13299	.0034257	.021665	.016854	.0006773	.0006172
%RSD	1.318375	.6576638	2.148629	.1757084	7.779343	4.592261

#1	9.99228	.5233614	1.003497	9.597730	.0087841	.0130414
#2	10.03040	.5169757	.989432	9.573206	.0079944	.0141520
#3	10.23930	.5223187	1.031957	9.605495	.0093425	.0131300

Sample Name: ICV Acquired: 10/9/2018 12:42:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0000372	.0059125	.0024071	F .0001559	-.002805	.0147185
Stddev	.0000689	.0035406	.0005895	.0007548	.002454	.0024575
%RSD	185.2723	59.88233	24.49230	484.1169	87.47703	16.69690

#1	-.000042	.0099495	.0018727	.0010268	-.005592	.0157875
#2	.000086	.0044533	.0030395	-.000309	-.000972	.0164605
#3	.000068	.0033348	.0023091	-.000250	-.001850	.0119075

Elem	Sr4077
Units	ppm
Avg	.0117135
Stddev	.0000120
%RSD	.1024804

#1	.0117146
#2	.0117249
#3	.0117009

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2194.900	3170.624	49195.40	4462.897	3896.958
Stddev	9.834	3.965	294.22	13.849	8.974
%RSD	.4480253	.1250468	.5980573	.3103102	.2302766

#1	2196.431	3174.998	49509.65	4476.189	3907.307
#2	2203.878	3167.268	49150.08	4463.951	3892.235
#3	2184.390	3169.605	48926.48	4448.551	3891.332

Sample Name: ICB Acquired: 10/9/2018 12:46:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) 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	-.000356	.0006714	-.000109	-.000306	.0017255	-.006742	-.000554
Stddev	.002439	.0009637	.001950	.003031	.0010014	.006812	.001058
%RSD	684.3361	143.5526	1794.709	990.3899	58.03553	101.0387	191.0108

#1	-.002777	.0014198	-.002279	-.002732	.0017394	-.014558	-.001011
#2	-.000393	.0010103	.001495	-.001278	.0007172	-.002066	-.001306
#3	.002101	-.000416	.000458	.003092	.0027199	-.003603	.000656

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000251	-.000017	-.015636	.0000765	.0001758	.0019969	.0080087
Stddev	.0000512	.000047	.017126	.0002583	.0002513	.0026379	.0167375
%RSD	203.6464	279.7702	109.5340	337.8121	142.9268	132.0965	208.9915

#1	.0000827	-.000000	-.035382	-.000199	.0004658	-.000432	.0257903
#2	.0000078	.000020	-.004832	.000116	.0000208	.001620	-.007440
#3	-.000015	-.000071	-.006693	.000313	.0000409	.004803	.005676

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000234	-.077576	-.000154	-.000253	.3182320	-.000745	.0150298
Stddev	.001250	.040228	.000505	.000137	.2384374	.004728	.0052324
%RSD	533.7142	51.85559	327.4623	54.24386	74.92563	634.2950	34.81340

#1	-.000706	-.122187	.000261	-.000211	.1013583	.000485	.0091144
#2	-.001180	-.066482	-.000008	-.000406	.5735590	.003246	.0190524
#3	.001183	-.044060	-.000716	-.000142	.2797789	-.005967	.0169226

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008971	-.003303	.0081697	.0001006	-.003490	.0007001	-.000945
Stddev	.042123	.001607	.0005291	.0001666	.000295	.0003528	.001062
%RSD	469.5660	48.64992	6.476807	165.5455	8.445054	50.39608	112.3723

#1	-.024397	-.001458	.0076747	.0002628	-.003498	.0004015	.000255
#2	-.041205	-.004054	.0081070	-.000070	-.003191	.0010895	-.001766
#3	.038691	-.004397	.0087274	.000109	-.003780	.0006094	-.001325

Sample Name: ICB Acquired: 10/9/2018 12:46:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) 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	-.001015	.0059698	.0000345
Stddev	.001137	.0026407	.0000279
%RSD	111.9766	44.23480	80.89046

#1	-.002327	.0089449	.0000573
#2	-.000395	.0050609	.0000428
#3	-.000323	.0039035	.0000034

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2190.580	3146.016	48779.15	4445.807	3845.735
Stddev	17.259	9.174	203.58	10.497	6.719
%RSD	.7878842	.2916092	.4173594	.2361087	.1747138

#1	2170.650	3135.825	48548.35	4440.970	3838.475
#2	2200.569	3148.607	48855.87	4438.600	3846.998
#3	2200.520	3153.616	48933.23	4457.850	3851.733

Sample Name: ICSA Acquired: 10/9/2018 12:50:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005568	.0039999	-.003317	-.012856	.0046538	237.9373
Stddev	.001550	.0014304	.001833	.006377	.0016443	.2342
%RSD	27.84288	35.76121	55.27089	49.59931	35.33359	.0984389

#1	-.004681	.0042483	-.005422	-.012148	.0051977	237.7885
#2	-.004664	.0052899	-.002453	-.006864	.0028064	237.8162
#3	-.007357	.0024616	-.002075	-.019558	.0059572	238.2073

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051186	.0008604	-.000585	248.7963	.0519205	.0018169
Stddev	.0006251	.0000350	.000039	.9676	.0007649	.0000413
%RSD	12.21139	4.071418	6.715635	.3889032	1.473249	2.272171

#1	.0046030	.0008756	-.000549	247.9720	.0516663	.0018644
#2	.0049390	.0008852	-.000627	248.5553	.0513151	.0017897
#3	.0058138	.0008203	-.000579	249.8616	.0527802	.0017967

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001699	99.55118	.0137842	253.9804	-.000896	.0008879
Stddev	.003525	.35064	.0011339	.7490	.000516	.0000671
%RSD	207.4064	.3522223	8.226172	.2949203	57.65809	7.556981

#1	.002359	99.58235	.0138569	253.6032	-.000924	.0008409
#2	-.003988	99.18599	.0126157	253.4948	-.001397	.0008580
#3	-.003469	99.88519	.0148800	254.8430	-.000366	.0009647

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5328363	-.008404	.0105659	-.064632	-.000587	F -.040386
Stddev	.1514288	.006784	.0074423	.040712	.002325	.003454
%RSD	28.41939	80.71504	70.43681	62.99098	396.1535	8.552722

#1	.6835123	-.003619	.0094082	-.111099	-.002237	-.038170
#2	.3806657	-.005426	.0185191	-.047577	.002072	-.038622
#3	.5343309	-.016168	.0037703	-.035221	-.001596	-.044366

Sample Name: ICSA Acquired: 10/9/2018 12:50:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003240	.0124030	.0016057	-.004287	-.003309	.0131476
Stddev	.0004822	.0021664	.0006494	.001874	.000729	.0006253
%RSD	148.8547	17.46646	40.44303	43.71356	22.03354	4.756162

#1	-.000111	.0127508	.0016218	-.005925	-.002900	.0134676
#2	.000842	.0100838	.0009484	-.002244	-.004151	.0124270
#3	.000241	.0143744	.0022469	-.004693	-.002876	.0135481

Elem	Sr4077
Units	ppm
Avg	.1031976
Stddev	.0001926
%RSD	.1866076

#1	.1032493
#2	.1029845
#3	.1033591

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2089.808	2957.158	47618.47	4356.029	3421.485
Stddev	12.425	5.073	103.24	14.535	5.193
%RSD	.5945576	.1715405	.2168098	.3336701	.1517825

#1	2080.987	2951.783	47615.93	4368.031	3415.525
#2	2084.419	2961.862	47516.52	4360.188	3423.890
#3	2104.018	2957.829	47722.96	4339.868	3425.039

Sample Name: ICSAB Acquired: 10/9/2018 12:55:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0894558	.1072124	.0452565	.0396732	.6085580	237.1291
Stddev	.0040678	.0020700	.0010511	.0037195	.0030814	.9285
%RSD	4.547330	1.930728	2.322507	9.375228	.5063496	.3915740

#1	.0866866	.1072916	.0459327	.0355149	.6065520	237.5373
#2	.0875545	.1051039	.0440456	.0408221	.6070160	237.7836
#3	.0941261	.1092416	.0457913	.0426827	.6121060	236.0664

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5171761	.5095635	1.021107	250.2184	.5862681	.5123484
Stddev	.0010107	.0031405	.005523	1.2827	.0023317	.0021819
%RSD	.1954360	.6163045	.5408551	.5126161	.3977208	.4258585

#1	.5166015	.5062095	1.016240	249.9696	.5854288	.5108843
#2	.5165836	.5100467	1.019972	251.6072	.5844722	.5113048
#3	.5183432	.5124344	1.027109	249.0784	.5889033	.5148561

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5091292	101.0087	.5233017	256.9093	1.028380	.2064132
Stddev	.0047416	.3133	.0059297	1.3190	.002274	.0012930
%RSD	.9313074	.3102203	1.133130	.5134302	.2211269	.6264190

#1	.5038281	101.0305	.5167968	256.3584	1.026037	.2066997
#2	.5129655	101.3106	.5284051	258.4145	1.028526	.2050009
#3	.5105940	100.6850	.5247031	255.9550	1.030578	.2075389

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2921615	.5154033	1.008576	-.160276	.0104122	F -.035944
Stddev	.2461464	.0035185	.018161	.038678	.0015514	.001719
%RSD	84.25011	.6826767	1.800669	24.13221	14.89942	4.781082

#1	.2187855	.5169178	.988249	-.141179	.0089262	-.037924
#2	.5666520	.5179110	1.014277	-.204789	.0102887	-.034840
#3	.0910471	.5113811	1.023203	-.134861	.0120215	-.035068

Sample Name: ICSAB Acquired: 10/9/2018 12:55:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007428	.0026933	-.000564	-.005168	-.005561	.0109659
Stddev	.0004820	.0020385	.000890	.000869	.000775	.0015921
%RSD	64.89807	75.68794	157.7431	16.81689	13.93240	14.51863

#1	.0006950	.0026029	.000234	-.006160	-.006447	.0097357
#2	.0002864	.0007015	-.001525	-.004539	-.005231	.0127641
#3	.0012469	.0047756	-.000403	-.004805	-.005007	.0103978

Elem	Sr4077
Units	ppm
Avg	.1024144
Stddev	.0002618
%RSD	.2556255

#1	.1025743
#2	.1025566
#3	.1021122

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2079.130	2949.517	47497.65	4344.961	3418.960
Stddev	7.002	3.397	143.22	14.557	1.248
%RSD	.3367582	.1151719	.3015381	.3350289	.0364896

#1	2081.929	2947.290	47332.28	4351.176	3419.171
#2	2071.162	2947.834	47581.22	4328.328	3420.089
#3	2084.299	2953.427	47579.46	4355.378	3417.621

Sample Name: CCV054 Acquired: 10/9/2018 12:59:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV054 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.878227	4.913555	25.05847	4.757054	4.924532	407.8062	10.18538
Stddev	.014877	.001665	.01751	.002151	.003687	.6486	.01124
%RSD	.3049742	.0338847	.0698812	.0452256	.0748657	.1590408	.1103095

#1	4.885882	4.914919	25.05272	4.759421	4.927235	407.2173	10.18585
#2	4.887717	4.914047	25.07813	4.756526	4.926029	407.6999	10.19637
#3	4.861080	4.911700	25.04456	4.755216	4.920332	408.5013	10.17391

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5062731	2.520291	412.1305	15.51325	2.544424	15.29989	420.1117
Stddev	.0012349	.003243	2.2299	.03104	.003007	.05515	3.4479
%RSD	.2439130	.1286912	.5410678	.2000603	.1181768	.3604376	.8207066

#1	.5051517	2.520588	411.2089	15.54715	2.544324	15.23752	417.4615
#2	.5075966	2.523376	410.5091	15.50635	2.547480	15.31999	418.8637
#3	.5060712	2.516909	414.6735	15.48624	2.541469	15.34217	424.0098

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.22907	417.0465	2.549493	1.296517	414.8604	2.543432	15.13673
Stddev	.17978	2.6461	.005283	.005099	.3334	.012109	.11563
%RSD	1.180503	.6344920	.2072043	.3932629	.0803573	.4760855	.7638946

#1	15.10469	415.4369	2.548512	1.299231	415.0843	2.535139	15.04818
#2	15.14733	415.6022	2.555197	1.299685	415.0197	2.537830	15.09446
#3	15.43519	420.1005	2.544769	1.290636	414.4773	2.557328	15.26754

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	155.9355	5.175171	4.974769	4.930832	5.130730	5.082083	5.060207
Stddev	.2273	.007528	.013532	.008761	.007516	.001917	.009705
%RSD	.1457391	.1454585	.2720132	.1776680	.1464909	.0377152	.1917885

#1	156.1232	5.167820	4.964987	4.925382	5.138305	5.080555	5.054288
#2	156.0006	5.182863	4.990212	4.940937	5.123274	5.084233	5.071407
#3	155.6828	5.174830	4.969107	4.926176	5.130612	5.081460	5.054926

Sample Name: CCV054 Acquired: 10/9/2018 12:59:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV054 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.053600	5.186451	5.125474
Stddev	.022419	.007652	.014611
%RSD	.4436297	.1475379	.2850732

#1	5.059493	5.179417	5.133574
#2	5.028823	5.185337	5.134242
#3	5.072484	5.194598	5.108607

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1943.360	2709.546	46469.30	4239.549	3059.442
Stddev	4.814	5.776	138.86	6.352	6.698
%RSD	.2477094	.2131721	.2988256	.1498262	.2189225

#1	1938.867	2705.464	46337.22	4235.345	3055.592
#2	1942.773	2707.019	46456.62	4236.447	3055.558
#3	1948.441	2716.154	46614.07	4246.856	3067.176

Sample Name: CCB054 Acquired: 10/9/2018 13:02:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB054 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001468	.0000783	.0024219	.0004105	.0018485	-.010495
Stddev	.0011418	.0007472	.0016929	.0017746	.0009759	.013463
%RSD	778.0028	954.4691	69.90037	432.3021	52.79248	128.2821

#1	.0014597	.0000148	.0008155	.0004249	.0023583	-.016524
#2	-.000614	-.000635	.0022603	.0021779	.0007233	-.019889
#3	-.000405	.000855	.0041897	-.001371	.0024639	.004929

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000251	.0000002	-.000003	-.012150	.0000340	.0000031
Stddev	.000425	.0000773	.000084	.017512	.0006683	.0002746
%RSD	168.9259	42901.03	3353.935	144.1350	1964.836	8965.122

#1	-.000067	.0000566	-.000009	.002542	-.000113	-.000141
#2	-.000737	.0000319	.000084	-.007463	-.000548	-.000169
#3	.000050	-.000088	-.000083	-.031529	.000764	.000320

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000727	.0202801	-.000383	.0693034	-.000310	-.000596
Stddev	.002781	.0161307	.001541	.1108426	.000293	.000579
%RSD	382.3478	79.53948	402.1049	159.9380	94.42778	97.09403

#1	-.003512	.0340385	-.002043	.1733220	-.000366	-.000614
#2	.002051	.0025276	.001000	-.047291	.000007	-.000009
#3	-.000722	.0242741	-.000106	.081879	-.000571	-.001166

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0527430	.0002881	.0248394	.0720610	-.001826	F .0162932
Stddev	.1859621	.0066862	.0209941	.0315573	.002379	.0005003
%RSD	352.5817	2320.510	84.51935	43.79245	130.2622	3.070734

#1	.1699150	.0077953	.0474864	.0771250	.000865	.0167886
#2	-.161679	-.001904	.0060270	.0382779	-.002698	.0157881
#3	.149993	-.005027	.0210047	.1007800	-.003646	.0163028

Sample Name: CCB054 Acquired: 10/9/2018 13:02:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB054 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000111	-.004215	-.000528	.0008834	.0001304	.0059361
Stddev	.000240	.002192	.000761	.0004284	.0013967	.0028679
%RSD	216.9817	52.00583	144.0078	48.48993	1070.786	48.31186

#1	-.000268	-.005692	-.001098	.0013433	-.001029	.0032978
#2	-.000229	-.001696	.000336	.0008114	.001681	.0055221
#3	.000166	-.005256	-.000823	.0004956	-.000261	.0089885

Elem	Sr4077
Units	ppm
Avg	-.000004
Stddev	.000046
%RSD	1216.837

#1	.000010
#2	-.000055
#3	.000034

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2204.189	3138.879	49041.40	4421.957	3858.696
Stddev	2.006	11.786	250.24	13.128	17.007
%RSD	.0910098	.3754903	.5102713	.2968846	.4407427

#1	2203.875	3131.852	48789.42	4414.740	3853.081
#2	2206.334	3152.486	49289.88	4437.110	3877.800
#3	2202.359	3132.299	49044.91	4414.020	3845.207

Sample Name: PB113522BL Acquired: 10/9/2018 13:33:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007365	.0004034	-.000175	-.001585	.0002889	-.016576	.0001784
Stddev	.0028436	.0016641	.001565	.000964	.0005724	.010555	.0002464
%RSD	386.1081	412.4904	894.4647	60.83126	198.1471	63.67511	138.0940

#1	.0009302	.0023174	.001632	-.002483	.0002512	-.015276	.0001877
#2	.0034782	-.000700	-.001101	-.000566	-.000264	-.027721	.0004200
#3	-.002199	-.000407	-.001056	-.001707	.000879	-.006731	-.000072

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000534	-.000024	-.004714	-.000144	.0000457	.0050621	.0226480
Stddev	.0000462	.000008	.030970	.000225	.0003791	.0042631	.0168119
%RSD	86.41078	35.68188	657.0027	156.4444	829.2208	84.21563	74.23130

#1	.0000879	-.000023	.006047	-.000063	.0004532	.0096622	.0106229
#2	.0000010	-.000016	.019440	-.000398	-.000020	.0012442	.0154625
#3	.0000714	-.000032	-.039628	.000029	-.000297	.0042801	.0418585

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000340	-.031141	-.000040	-.000379	.3366563	-.005144	.0177483
Stddev	.000596	.014734	.000237	.000214	.1215505	.009448	.0118351
%RSD	175.1004	47.31432	588.6134	56.57906	36.10522	183.6955	66.68276

#1	-.000170	-.047907	-.000265	-.000615	.4237667	-.008549	.0179290
#2	.000152	-.020259	.000206	-.000197	.3884077	-.012417	.0058239
#3	-.001003	-.025255	-.000061	-.000324	.1977945	.005536	.0294920

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.095686	-.003416	.0017895	.0000547	.0010923	.0007217	-.000812
Stddev	.061524	.002428	.0008429	.0004031	.0052241	.0013466	.000831
%RSD	64.29853	71.06686	47.10123	736.7043	478.2737	186.5791	102.3216

#1	-.034096	-.005366	.0026005	-.000375	.0061501	.0015832	-.000898
#2	-.095816	-.004186	.0009180	.000424	.0014103	-.000830	-.001596
#3	-.157144	-.000697	.0018501	.000115	-.004284	.001412	.000059

Sample Name: PB113522BL Acquired: 10/9/2018 13:33:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001958	-.000873	.0000687
Stddev	.002253	.001134	.0001355
%RSD	115.0592	129.8883	197.2673

#1	-.003849	.000070	-.000087
#2	.000535	-.002131	.000135
#3	-.002562	-.000558	.000158

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2151.715	3098.359	48201.01	4367.397	3806.803
Stddev	5.027	11.150	62.56	8.707	5.358
%RSD	.2336125	.3598791	.1297834	.1993524	.1407386

#1	2155.802	3089.055	48268.57	4362.930	3800.622
#2	2146.102	3110.719	48145.10	4361.830	3809.661
#3	2153.242	3095.304	48189.34	4377.430	3810.126

Sample Name: PB113522BS Acquired: 10/9/2018 13:37:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0169457	.0494196	.0192590	.0725850	.1214906	.3876984
Stddev	.0009184	.0007429	.0010566	.0017757	.0013786	.0044552
%RSD	5.419881	1.503172	5.486117	2.446398	1.134777	1.149144

#1	.0164731	.0496654	.0184130	.0738712	.1215264	.3883355
#2	.0163599	.0485850	.0204433	.0705590	.1200945	.3918007
#3	.0180043	.0500085	.0189207	.0733248	.1228511	.3829589

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3987043	.0100329	.0099358	10.26418	.0220767	.0950110
Stddev	.0010168	.0000520	.0000271	.14011	.0004231	.0007339
%RSD	.2550230	.5182450	.2729111	1.365000	1.916563	.7724441

#1	.3993283	.0099910	.0099368	10.32988	.0220916	.0953312
#2	.3992537	.0100166	.0099082	10.10330	.0224922	.0941714
#3	.3975311	.0100911	.0099624	10.35937	.0216464	.0955304

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0560413	.1863606	.0319723	9.906822	.0797679	.0196299
Stddev	.0034377	.0030392	.0003053	.154569	.0007344	.0001301
%RSD	6.134177	1.630837	.9549223	1.560223	.9206624	.6625574

#1	.0590086	.1898558	.0316926	10.02634	.0791162	.0197776
#2	.0568410	.1848854	.0319262	9.73227	.0796237	.0195325
#3	.0522742	.1843404	.0322980	9.96186	.0805636	.0195798

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.07015	.0972601	.1325782	9.318076	.0162163	F .0212339
Stddev	.39805	.0005795	.0030125	.088878	.0021338	.0009973
%RSD	3.952722	.5958210	2.272222	.9538286	13.15819	4.696760

#1	10.26116	.0979234	.1302518	9.398755	.0185971	.0201237
#2	9.61260	.0968523	.1359810	9.222804	.0155754	.0215238
#3	10.33669	.0970045	.1315017	9.332668	.0144765	.0220541

Sample Name: PB113522BS Acquired: 10/9/2018 13:37:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0198138	.1702528	.1912290	F .0116505	.2017310	.0918980
Stddev	.0002339	.0029142	.0030734	.0013284	.0034139	.0008932
%RSD	1.180513	1.711715	1.607174	11.40245	1.692284	.9719033

#1	.0199814	.1731758	.1931343	.0104701	.1996778	.0913286
#2	.0195465	.1673474	.1876835	.0130891	.1998433	.0929274
#3	.0199134	.1702352	.1928692	.0113922	.2056718	.0914380

Elem	Sr4077
Units	ppm
Avg	.2012717
Stddev	.0008447
%RSD	.4196700

#1	.2022055
#2	.2010485
#3	.2005610

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2165.355	3128.833	48844.53	4449.133	3876.471
Stddev	8.731	11.815	150.13	25.884	9.855
%RSD	.4031964	.3776017	.3073567	.5817762	.2542315

#1	2170.201	3120.284	49009.70	4426.590	3869.525
#2	2170.588	3142.314	48807.55	4477.400	3887.750
#3	2155.276	3123.900	48716.36	4443.410	3872.137

Sample Name: J5092-14 Acquired: 10/9/2018 13:41:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2E44D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4927233	.0009016	.3857179	-.003091	.1243235	17.98428
Stddev	.0028790	.0017231	.0031772	.000786	.0011662	.13343
%RSD	.5843048	191.1225	.8237177	25.42471	.9380541	.7419469

#1	.4895103	-.001088	.3851192	-.002983	.1231347	17.84386
#2	.4950689	.001908	.3828827	-.002365	.1243701	18.10940
#3	.4935907	.001885	.3891519	-.003926	.1254657	17.99959

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.549985	.0021469	.4978078	746.2091	7.420459	.6298843
Stddev	.002298	.0000354	.0011389	8.2438	.012148	.0009601
%RSD	.1482547	1.648045	.2287733	1.104755	.1637143	.1524239

#1	1.547435	.0021066	.4986077	737.1169	7.431453	.6301155
#2	1.551896	.0021731	.4965039	753.1964	7.407417	.6288298
#3	1.550624	.0021609	.4983119	748.3139	7.422507	.6307078

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 38.56134	121.3668	2.055829	345.3639	F 7.669912	.0158062
Stddev	.16493	.8347	.026791	2.1871	.006931	.0003147
%RSD	.4277161	.6877361	1.303189	.6332727	.0903623	1.991021

#1	38.37539	120.4727	2.024974	342.9049	7.666490	.0155508
#2	38.68996	122.1254	2.073185	347.0917	7.665357	.0161577
#3	38.61867	121.5023	2.069329	346.0951	7.677888	.0157101

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.041771	.2218172	1.321308	7.892032	3.088209	.0173732
Stddev	.252905	.0048021	.017255	.056734	.011754	.0010478
%RSD	12.38656	2.164878	1.305880	.7188829	.3806071	6.030866

#1	1.832040	.2203689	1.321416	7.836846	3.074896	.0164627
#2	2.322621	.2271768	1.303999	7.889054	3.092577	.0171384
#3	1.970651	.2179060	1.338508	7.950197	3.097154	.0185184

Sample Name: J5092-14 Acquired: 10/9/2018 13:41:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2E44D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0192907	1.511276	9.224290	-.002242	.5084923	.0571048
Stddev	.0004624	.000637	.045044	.000297	.0033767	.0006761
%RSD	2.397056	.0421282	.4883200	13.24922	.6640680	1.183910

#1	.0189781	1.511011	9.181136	-.001910	.5057062	.0570266
#2	.0198219	1.512002	9.271012	-.002483	.5122477	.0564712
#3	.0190721	1.510815	9.220722	-.002333	.5075229	.0578165

Elem	Sr4077
Units	ppm
Avg	.4674137
Stddev	.0015312
%RSD	.3275801

#1	.4671233
#2	.4690692
#3	.4660485

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2091.486	2943.970	50079.44	4593.155	3282.177
Stddev	5.167	6.257	119.10	29.853	3.454
%RSD	.2470451	.2125526	.2378273	.6499424	.1052199

#1	2088.472	2950.233	49947.81	4622.664	3282.394
#2	2088.534	2943.959	50179.76	4562.970	3285.516
#3	2097.452	2937.718	50110.75	4593.830	3278.620

Sample Name: J5092-15 Acquired: 10/9/2018 13:58:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2E44S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5575800	.1084755	.4084708	.1002674	.3295736	20.53602
Stddev	.0035310	.0034641	.0024056	.0031976	.0012356	.08579
%RSD	.6332788	3.193472	.5889369	3.189084	.3749006	.4177542

#1	.5555124	.1123939	.4107483	.0979166	.3293572	20.58628
#2	.5555705	.1058198	.4059548	.1039086	.3309031	20.58482
#3	.5616572	.1072129	.4087093	.0989771	.3284606	20.43696

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.894436	.1057832	.5864933	723.6972	7.628462	1.712850
Stddev	.021689	.0004786	.0008252	5.2957	.005254	.003576
%RSD	.3679641	.4524444	.1407036	.7317517	.0688756	.2087740

#1	5.919331	.1063351	.5859605	724.7800	7.633688	1.711782
#2	5.884356	.1055321	.5860756	728.3677	7.623180	1.709930
#3	5.879620	.1054824	.5874439	717.9438	7.628518	1.716838

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 37.95896	119.3443	3.036406	334.5631	F 8.465073	.1197785
Stddev	.15805	1.1854	.023504	2.4320	.018410	.0002385
%RSD	.4163644	.9932636	.7740834	.7269071	.2174765	.1990778

#1	38.09880	119.5637	3.052426	335.3497	8.478110	.1198938
#2	37.99058	120.4047	3.047369	336.5044	8.444013	.1195043
#3	37.78749	118.0646	3.009423	331.8352	8.473095	.1199374

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.903641	1.315022	2.330506	6.757015	2.992431	.0125798
Stddev	.269349	.009413	.025941	.038384	.006728	.0025637
%RSD	14.14916	.7158232	1.113127	.5680614	.2248360	20.37960

#1	1.601290	1.316650	2.302307	6.716518	2.988139	.0110092
#2	2.117958	1.304901	2.335857	6.792862	3.000185	.0155382
#3	1.991675	1.323515	2.353356	6.761664	2.988968	.0111919

Sample Name: J5092-15 Acquired: 10/9/2018 13:58:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2E44S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0188768	1.440976	9.262844	-.004155	.4938886	.0555777
Stddev	.0001434	.001849	.060474	.000462	.0036649	.0008316
%RSD	.7596281	.1282826	.6528662	11.11853	.7420553	1.496272

#1	.0189574	1.442181	9.331709	-.004561	.4952970	.0555842
#2	.0189618	1.441900	9.238428	-.003652	.4966404	.0547428
#3	.0187113	1.438848	9.218395	-.004251	.4897284	.0564060

Elem	Sr4077
Units	ppm
Avg	.4534938
Stddev	.0009189
%RSD	.2026349

#1	.4545548
#2	.4529780
#3	.4529487

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2115.110	2967.017	50512.41	4604.703	3325.632
Stddev	5.087	4.977	144.82	12.248	10.130
%RSD	.2405280	.1677405	.2866966	.2659938	.3046148

#1	2120.236	2962.542	50674.72	4596.821	3320.233
#2	2115.031	2972.377	50396.42	4598.473	3337.318
#3	2110.062	2966.133	50466.09	4618.814	3319.345

Sample Name: J5092-13 Acquired: 10/9/2018 14:02:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2E44 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4985113	.0023999	.3839212	-.005362	.1263749	18.84955
Stddev	.0054233	.0019221	.0039038	.004177	.0011274	.07050
%RSD	1.087902	80.08847	1.016819	77.89767	.8920992	.3740270

#1	.4923531	.0013641	.3873625	-.008854	.1275393	18.89135
#2	.5025753	.0046177	.3796791	-.006496	.1252885	18.88914
#3	.5006054	.0012180	.3847220	-.000735	.1262968	18.76815

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.569021	.0022057	.5016233	763.1370	7.488861	.6345553
Stddev	.005619	.0000296	.0009121	3.9699	.019363	.0025083
%RSD	.3581390	1.340953	.1818382	.5202133	.2585549	.3952808

#1	1.572721	.0021816	.5019922	765.0681	7.479281	.6335225
#2	1.571788	.0022387	.5005845	765.7719	7.476156	.6327284
#3	1.562555	.0021967	.5022933	758.5710	7.511147	.6374151

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 39.16275	123.4861	2.110024	352.2255	F 7.685908	.0162894
Stddev	.18718	.6152	.014510	.8039	.007764	.0001874
%RSD	.4779611	.4981645	.6876526	.2282424	.1010139	1.150628

#1	39.23749	123.9152	2.111205	352.7947	7.688222	.0164608
#2	39.30101	123.7618	2.123907	352.5760	7.677250	.0160893
#3	38.94974	122.7813	2.094960	351.3058	7.692252	.0163181

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.732861	.2189016	1.315557	8.091218	3.128165	.0153454
Stddev	.183895	.0065466	.020290	.031091	.005985	.0028103
%RSD	10.61224	2.990649	1.542309	.3842562	.1913370	18.31348

#1	1.821967	.2228833	1.338983	8.056346	3.123219	.0183329
#2	1.521387	.2224756	1.304150	8.101266	3.134819	.0127545
#3	1.855229	.2113460	1.303538	8.116043	3.126456	.0149487

Sample Name: J5092-13 Acquired: 10/9/2018 14:02:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2E44 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0192578	1.522217	10.79694	-.003572	.5317139	.0598697
Stddev	.0002717	.003454	.06356	.000360	.0006494	.0005700
%RSD	1.410628	.2268903	.5886799	10.07528	.1221329	.9520070

#1	.0195068	1.526077	10.72680	-.003310	.5324633	.0605180
#2	.0192986	1.521154	10.81327	-.003423	.5313626	.0596437
#3	.0189681	1.519419	10.85074	-.003982	.5313158	.0594474

Elem	Sr4077
Units	ppm
Avg	.4746659
Stddev	.0013377
%RSD	.2818122

#1	.4753168
#2	.4755535
#3	.4731273

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2077.082	2916.832	49702.79	4518.888	3262.797
Stddev	11.480	7.730	115.99	14.875	8.620
%RSD	.5526961	.2650183	.2333647	.3291663	.2641809

#1	2064.637	2919.386	49570.56	4533.260	3256.707
#2	2079.351	2922.962	49787.32	4503.557	3272.660
#3	2087.258	2908.148	49750.49	4519.846	3259.024

Sample Name: J5092-13LX5 Acquired: 10/9/2018 14:11:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2E44L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1083006	.0012459	.0771982	-.001764	.0259880	3.842470	.3315275
Stddev	.0020428	.0013450	.0021427	.002250	.0021517	.003897	.0024295
%RSD	1.886221	107.9614	2.775550	127.5017	8.279518	.1014283	.7328225

#1	.1105753	.0010670	.0795648	-.003978	.0284273	3.846459	.3340915
#2	.1066228	-.000001	.0766398	-.001836	.0251771	3.838671	.3312313
#3	.1077036	.002671	.0753900	.000520	.0243596	3.842282	.3292596

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005580	.1041051	158.1794	1.657086	.1270927	8.289520	25.62107
Stddev	.0000711	.0002673	1.1650	.000456	.0006805	.047812	.18597
%RSD	12.73449	.2567286	.7364918	.0275225	.5354034	.5767776	.7258357

#1	.0004822	.1038450	159.3586	1.657571	.1266283	8.318455	25.80614
#2	.0006231	.1040913	157.0292	1.657021	.1267761	8.234333	25.43422
#3	.0005685	.1043790	158.1505	1.656666	.1278738	8.315772	25.62284

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4517410	71.45691	1.592807	.0028303	.6858360	.0487030	.2966481
Stddev	.0022838	.30108	.002205	.0001135	.0974955	.0065782	.0093853
%RSD	.5055643	.4213432	.1384071	4.010189	14.21557	13.50686	3.163792

#1	.4534030	71.53818	1.592666	.0028123	.7910827	.0543145	.3006837
#2	.4491368	71.12354	1.595078	.0027268	.5986046	.0503309	.2859199
#3	.4526832	71.70901	1.590676	.0029517	.6678206	.0414637	.3033405

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.569580	.6346551	.0045392	.0038092	.3002893	2.257437	-.003741
Stddev	.035593	.0019928	.0002018	.0001066	.0067990	.028755	.000280
%RSD	2.267694	.3139905	4.446561	2.799093	2.264149	1.273796	7.484555

#1	1.595375	.6353484	.0047710	.0037124	.3010782	2.285715	-.003993
#2	1.584392	.6324083	.0044443	.0037917	.3066594	2.228227	-.003789
#3	1.528973	.6362085	.0044023	.0039234	.2931303	2.258368	-.003439

Sample Name: J5092-13LX5 Acquired: 10/9/2018 14:11:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2E44L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1112449	.0096660	.1011023
Stddev	.0031601	.0013463	.0005351
%RSD	2.840624	13.92798	.5292732

#1	.1148748	.0111813	.1016894
#2	.1091079	.0092090	.1006419
#3	.1097519	.0086077	.1009754

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2146.339	3055.826	49391.35	4589.348	3673.613
Stddev	4.226	9.807	94.16	42.705	10.629
%RSD	.1968928	.3209274	.1906337	.9305319	.2893390

#1	2150.968	3046.204	49284.41	4543.132	3664.383
#2	2142.688	3055.466	49427.86	4627.350	3671.224
#3	2145.362	3065.808	49461.79	4597.562	3685.234

Sample Name: J5092-13DLX2 Acquired: 10/9/2018 14:15:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2E44 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2541622	.0015284	.1905402	-.002876	.0637353	9.327899	.7922299
Stddev	.0011387	.0002231	.0013707	.004376	.0024844	.009530	.0018538
%RSD	.4480068	14.59574	.7193645	152.1156	3.897955	.1021681	.2339993

#1	.2528924	.0014906	.1913776	.000114	.0665564	9.321234	.7943647
#2	.2550924	.0013266	.1889584	-.007899	.0627756	9.323648	.7910266
#3	.2545020	.0017680	.1912845	-.000844	.0618740	9.338815	.7912982

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012061	.2497928	385.3653	3.866182	.3113587	19.81279	62.24947
Stddev	.0000567	.0003212	.7465	.006412	.0001809	.01763	.31747
%RSD	4.702143	.1285966	.1937065	.1658447	.0580834	.0890004	.5100036

#1	.0012638	.2495857	384.7146	3.872159	.3115459	19.80829	61.90472
#2	.0011504	.2496297	386.1802	3.866977	.3113454	19.83224	62.31391
#3	.0012040	.2501628	385.2011	3.859409	.3111849	19.79785	62.52978

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.081255	175.2642	3.827971	.0080375	1.143645	.1074557	.6765562
Stddev	.002410	.5709	.005337	.0004918	.117226	.0046271	.0384301
%RSD	.2228719	.3257404	.1394205	6.119121	10.25024	4.306054	5.680254

#1	1.080340	174.6632	3.825105	.0085299	1.215419	.1090982	.6323157
#2	1.079436	175.3302	3.824680	.0075462	1.008368	.1022314	.6956836
#3	1.083988	175.7993	3.834129	.0080363	1.207148	.1110374	.7016692

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.063909	1.547205	.0095313	.0097313	.7419406	5.451449	-.004125
Stddev	.090549	.004137	.0014612	.0001504	.0011628	.023161	.000709
%RSD	2.228137	.2673853	15.33081	1.545017	.1567275	.4248538	17.19261

#1	4.162629	1.550534	.0111970	.0096812	.7406247	5.438700	-.004931
#2	4.044382	1.542574	.0089310	.0096123	.7428296	5.478183	-.003849
#3	3.984717	1.548508	.0084658	.0099002	.7423676	5.437464	-.003595

Sample Name: J5092-13DLX2 Acquired: 10/9/2018 14:15:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2E44 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2672299	.0287943	.2406407
Stddev	.0046143	.0006584	.0005013
%RSD	1.726733	2.286450	.2083066

#1	.2717875	.0280977	.2409722
#2	.2625608	.0294063	.2408858
#3	.2673413	.0288790	.2400640

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2137.811	3014.633	50004.48	4561.297	3504.496
Stddev	6.831	5.260	210.47	23.942	4.611
%RSD	.3195335	.1744809	.4209021	.5248873	.1315741

#1	2133.613	3015.590	49943.66	4566.637	3503.945
#2	2134.126	3019.348	49831.12	4535.136	3509.359
#3	2145.693	3008.960	50238.66	4582.117	3500.186

Sample Name: J5092-14DLX2 Acquired: 10/9/2018 14:19:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2E44D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2589403	-.000084	.1877569	-.001256	.0657726	9.282207	.7862964
Stddev	.0042156	.002896	.0030070	.001075	.0002456	.031919	.0021039
%RSD	1.628016	3458.695	1.601533	85.54240	.3733531	.3438683	.2675758

#1	.2575208	.000786	.1847276	-.000953	.0658888	9.281281	.7877485
#2	.2556178	-.003315	.1907411	-.000366	.0659384	9.314579	.7872571
#3	.2636825	.002277	.1878021	-.002450	.0654905	9.250762	.7838836

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011458	.2489152	382.8069	3.848027	.3099462	19.64955	61.92574
Stddev	.0000352	.0003225	.4154	.004833	.0006090	.03708	.17911
%RSD	3.069163	.1295749	.1085260	.1256031	.1964787	.1887099	.2892310

#1	.0011162	.2486524	383.0203	3.842613	.3100686	19.68296	62.10979
#2	.0011847	.2492751	383.0722	3.851908	.3104847	19.65605	61.75202
#3	.0011366	.2488180	382.3281	3.849559	.3092854	19.60965	61.91541

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.075657	174.6299	3.813828	.0079130	1.424124	.1188185	.6738641
Stddev	.002187	.6798	.006959	.0003342	.364656	.0057691	.0217740
%RSD	.2033558	.3892614	.1824574	4.223284	25.60562	4.855369	3.231220

#1	1.078140	175.4110	3.816961	.0082485	1.191364	.1219461	.6648568
#2	1.074814	174.3062	3.805854	.0075801	1.236628	.1223484	.6986965
#3	1.074016	174.1724	3.818670	.0079105	1.844381	.1121610	.6580389

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.012915	1.544331	.0113227	.0097990	.7333302	5.396700	-.003894
Stddev	.022842	.002476	.0007177	.0001143	.0035163	.028972	.001059
%RSD	.5692121	.1603036	6.338896	1.165962	.4794986	.5368557	27.18271

#1	4.027640	1.546699	.0121493	.0099133	.7297449	5.386074	-.004032
#2	4.024503	1.544533	.0108568	.0096848	.7334725	5.374541	-.004877
#3	3.986602	1.541761	.0109622	.0097990	.7367732	5.429485	-.002774

Sample Name: J5092-14DLX2 Acquired: 10/9/2018 14:19:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2E44D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2651503	.0275406	.2389033
Stddev	.0027579	.0019756	.0004579
%RSD	1.040144	7.173446	.1916570

#1	.2679132	.0252594	.2390914
#2	.2623973	.0286715	.2392372
#3	.2651403	.0286909	.2383813

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2142.274	3010.377	50143.80	4587.565	3511.668
Stddev	14.992	2.436	282.72	12.957	.471
%RSD	.6998393	.0809225	.5638088	.2824445	.0134126

#1	2134.584	3012.162	50239.39	4572.912	3512.097
#2	2132.687	3011.368	49825.68	4592.273	3511.743
#3	2159.551	3007.602	50366.33	4597.511	3511.164

Sample Name: J5092-15DLX2 Acquired: 10/9/2018 14:23:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2E44S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2925276	.0576839	.2095414	.0556872	.1750284	10.60420	3.045564
Stddev	.0021686	.0031433	.0021689	.0008107	.0014109	.03176	.010370
%RSD	.7413314	5.449236	1.035051	1.455810	.8060825	.2995191	.3404833

#1	.2921900	.0596298	.2088481	.0549406	.1750882	10.64088	3.057408
#2	.2905477	.0593643	.2078040	.0565495	.1764084	10.58605	3.041171
#3	.2948453	.0540575	.2119722	.0555714	.1735886	10.58568	3.038115

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0559879	.3035082	377.7804	4.076870	.8742123	19.84502	62.43709
Stddev	.0005064	.0005845	2.5739	.004544	.0007851	.10247	.37138
%RSD	.9044374	.1925648	.6813253	.1114486	.0898101	.5163308	.5948099

#1	.0564674	.3035174	379.6341	4.081662	.8743195	19.95145	62.84312
#2	.0560380	.3040880	378.8655	4.072623	.8749383	19.83656	62.35355
#3	.0554583	.3029192	374.8417	4.076326	.8733791	19.74704	62.11459

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.609768	172.4362	4.370039	.0603607	.9097850	.6852049	1.229808
Stddev	.018059	1.0917	.008063	.0003654	.1838978	.0095964	.012889
%RSD	1.121843	.6331125	.1845067	.6053435	20.21332	1.400520	1.048068

#1	1.624806	173.6587	4.361324	.0603940	.8577863	.6962033	1.242780
#2	1.614760	172.0913	4.371558	.0599799	.7574854	.6808754	1.229640
#3	1.589738	171.5586	4.377234	.0607084	1.114083	.6785361	1.217004

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.403588	1.547399	.0097723	.0098140	.7339427	4.831044	-.004356
Stddev	.039588	.002224	.0002621	.0001144	.0060126	.038142	.000844
%RSD	1.163135	.1437101	2.681969	1.165511	.8192200	.7895107	19.37047

#1	3.358828	1.549881	.0094999	.0098160	.7347438	4.864394	-.004212
#2	3.417929	1.546726	.0100226	.0099273	.7395145	4.839281	-.005263
#3	3.434008	1.545589	.0097945	.0096986	.7275696	4.789457	-.003594

Sample Name: J5092-15DLX2 Acquired: 10/9/2018 14:23:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2E44S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2595301	.0263098	.2373743
Stddev	.0010334	.0017595	.0010858
%RSD	.3981747	6.687781	.4574220

#1	.2590969	.0257740	.2385735
#2	.2607096	.0282750	.2370916
#3	.2587838	.0248804	.2364579

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2131.384	2998.378	49742.36	4554.691	3493.889
Stddev	10.714	6.486	207.99	41.013	4.181
%RSD	.5026690	.2163044	.4181260	.9004591	.1196748

#1	2120.637	2991.784	49656.97	4512.165	3492.506
#2	2142.064	2998.601	49979.45	4557.907	3490.574
#3	2131.450	3004.750	49590.66	4594.002	3498.586

Sample Name: J5092-13LDLX10 Acquired: 10/9/2018 14:26:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2E44L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0543692	-.000980	.0381485	.0016311	.0141059	1.920478	.1662594
Stddev	.0032391	.001082	.0013097	.0005458	.0011308	.006735	.0018975
%RSD	5.957561	110.4886	3.433206	33.45988	8.016577	.3506734	1.141269

#1	.0532629	-.001502	.0392065	.0011823	.0141839	1.917557	.1642262
#2	.0580165	-.001702	.0366836	.0014725	.0151957	1.928179	.1679831
#3	.0518282	.000265	.0385554	.0022386	.0129381	1.915696	.1665687

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002906	.0520850	80.15187	.8468788	.0628902	4.187240	12.78356
Stddev	.0000206	.0001325	1.07977	.0032464	.0002012	.022744	.15840
%RSD	7.073438	.2543160	1.347158	.3833359	.3199294	.5431840	1.239123

#1	.0003114	.0521024	79.63466	.8505205	.0626583	4.190319	12.78815
#2	.0002703	.0519447	81.39297	.8458276	.0629931	4.208288	12.93961
#3	.0002900	.0522080	79.42799	.8442882	.0630191	4.163113	12.62291

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2310750	36.41442	.7966163	.0011195	.2549208	.0230246	.1607084
Stddev	.0028005	.53155	.0008709	.0000331	.0662109	.0061588	.0156903
%RSD	1.211928	1.459728	.1093302	2.953138	25.97312	26.74875	9.763207

#1	.2291558	36.22211	.7960740	.0010989	.2190812	.0240003	.1446434
#2	.2342885	37.01536	.7961540	.0011576	.3313258	.0164362	.1614869
#3	.2297807	36.00579	.7976209	.0011020	.2143553	.0286373	.1759950

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7790038	.3131417	.0015059	.0021814	.1422278	1.153923	-.004315
Stddev	.0228151	.0036953	.0001423	.0000794	.0045281	.003463	.000919
%RSD	2.928754	1.180080	9.451045	3.637746	3.183664	.3000910	21.29369

#1	.7532506	.3173659	.0013422	.0021942	.1374836	1.157753	-.004408
#2	.7966876	.3105077	.0015751	.0022536	.1465032	1.153004	-.003353
#3	.7870732	.3115515	.0016004	.0020964	.1426967	1.151013	-.005183

Sample Name: J5092-13LDLX10 Acquired: 10/9/2018 14:26:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2E44L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0556058	.0017220	.0508000
Stddev	.0025838	.0020235	.0002781
%RSD	4.646586	117.5050	.5474022

#1	.0548525	.0011740	.0510808
#2	.0584825	.0039631	.0507944
#3	.0534824	.0000291	.0505247

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2190.440	3102.081	49579.42	4523.791	3789.282
Stddev	3.097	6.942	59.49	27.295	11.328
%RSD	.1414069	.2237880	.1199970	.6033680	.2989546

#1	2191.070	3094.674	49643.30	4528.539	3778.460
#2	2187.077	3108.439	49569.36	4494.433	3801.056
#3	2193.175	3103.130	49525.60	4548.401	3788.330

Sample Name: PB113686BL Acquired: 10/9/2018 14:31:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBw001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015940	.0001736	.0001068	-.001601	.0007645	-.006507	-.000423
Stddev	.0008741	.0013799	.0017012	.002006	.0016034	.010987	.000590
%RSD	54.83465	794.9829	1593.206	125.2659	209.7305	168.8527	139.4727

#1	.0021655	.0010255	.0015964	-.003873	-.000808	-.001262	.000143
#2	.0005878	-.001418	-.001747	-.000853	.002397	-.019134	-.001034
#3	.0020287	.000914	.000471	-.000077	.000705	.000875	-.000378

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000008	.0000123	-.003489	-.000343	.0000062	.0041923	.0021936
Stddev	.000051	.0000114	.035770	.000591	.0001354	.0021788	.0161617
%RSD	607.7844	93.11849	1025.342	172.4022	2189.328	51.97077	736.7584

#1	-.000060	.0000042	-.017560	-.000736	.0001625	.0031799	.0131612
#2	.000041	.0000073	-.030084	.000337	-.000068	.0027040	.0097860
#3	-.000005	.0000253	.037178	-.000629	-.000076	.0066931	-.016366

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000937	-.000052	.0000868	-.000686	.2227540	-.000444	.0187719
Stddev	.001020	.090425	.0003480	.000050	.0849010	.004356	.0051931
%RSD	108.8294	174599.7	400.9523	7.355316	38.11421	981.7006	27.66446

#1	.000177	-.067311	.0004180	-.000627	.1316400	.002863	.0129643
#2	-.001163	.102743	-.000276	-.000717	.2996454	.001185	.0203824
#3	-.001825	-.035587	.000118	-.000712	.2369767	-.005380	.0229690

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.145121	-.003515	-.001216	.0001219	-.003582	-.000171	-.001316
Stddev	.096389	.001711	.001026	.0001050	.001287	.000869	.000304
%RSD	66.41971	48.65803	84.41418	86.19615	35.92444	509.7331	23.13991

#1	-.141964	-.004374	-.002270	.0000336	-.002291	-.000336	-.001338
#2	-.243050	-.001546	-.001156	.0002380	-.003592	-.000945	-.001608
#3	-.050349	-.004626	-.000220	.0000940	-.004865	.000770	-.001001

Sample Name: PB113686BL Acquired: 10/9/2018 14:31:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBw001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000071	-.006691	.0000617
Stddev	.002773	.001206	.0001273
%RSD	3914.172	18.02712	206.3518

#1	.000894	-.006143	.0000174
#2	.002091	-.008075	.0002052
#3	-.003197	-.005857	-.000038

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2199.210	3154.756	49339.93	4487.347	3900.760
Stddev	10.371	5.601	183.91	25.870	9.081
%RSD	.4715973	.1775379	.3727469	.5765157	.2328041

#1	2203.295	3155.386	49235.46	4461.410	3899.486
#2	2187.418	3160.015	49232.05	4513.150	3910.411
#3	2206.916	3148.867	49552.29	4487.480	3892.383

Sample Name: PB113686BS Acquired: 10/9/2018 14:36:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0172449	.0487038	.0180382	.0720082	.1207006	.3686744
Stddev	.0030532	.0011659	.0012489	.0037155	.0018516	.0104347
%RSD	17.70462	2.393908	6.923631	5.159771	1.534026	2.830334

#1	.0178757	.0499802	.0182050	.0753533	.1187917	.3791712
#2	.0139256	.0484361	.0167143	.0726620	.1224889	.3583029
#3	.0199334	.0476950	.0191953	.0680092	.1208211	.3685490

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3913693	.0099942	.0097802	10.05019	.0225406	.0938848
Stddev	.0013263	.0001193	.0000587	.03984	.0000547	.0000541
%RSD	.3388829	1.194141	.6004468	.3964364	.2427752	.0575963

#1	.3914708	.0099603	.0097364	10.03087	.0224777	.0939260
#2	.3899952	.0101268	.0097572	10.09600	.0225774	.0939049
#3	.3926419	.0098954	.0098469	10.02368	.0225667	.0938236

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0520984	.1854025	.0313891	9.785620	.0788203	.0189922
Stddev	.0019241	.0117995	.0015228	.023606	.0005345	.0003880
%RSD	3.693290	6.364274	4.851424	.2412348	.6781122	2.042990

#1	.0542643	.1981703	.0305441	9.812493	.0792687	.0186147
#2	.0505863	.1748997	.0331470	9.768228	.0782289	.0189719
#3	.0514448	.1831374	.0304761	9.776140	.0789634	.0193899

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.940027	.0927224	.1502739	9.019939	.0158365	F .0192279
Stddev	.336578	.0060789	.0042147	.158123	.0003278	.0013845
%RSD	3.386089	6.556002	2.804661	1.753041	2.070117	7.200555

#1	9.627948	.0956023	.1477742	8.855761	.0159497	.0180828
#2	9.895467	.0968261	.1479076	9.032838	.0154671	.0207666
#3	10.29667	.0857388	.1551400	9.171218	.0160927	.0188344

Sample Name: PB113686BS Acquired: 10/9/2018 14:36:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0199775	.1711772	.1880518	F .0110116	.1982726	.0866480
Stddev	.0003611	.0035495	.0009051	.0000299	.0022292	.0006089
%RSD	1.807593	2.073565	.4813129	.2715504	1.124313	.7027417

#1	.0196405	.1676753	.1872180	.0109829	.1960904	.0859966
#2	.0203587	.1747724	.1890145	.0110426	.1981814	.0867446
#3	.0199333	.1710839	.1879229	.0110092	.2005460	.0872028

Elem	Sr4077
Units	ppm
Avg	.1986213
Stddev	.0008007
%RSD	.4031509

#1	.1977043
#2	.1989772
#3	.1991823

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2216.761	3157.892	49673.99	4578.653	3936.500
Stddev	18.945	2.251	79.24	27.761	3.348
%RSD	.8546474	.0712728	.1595301	.6063228	.0850460

#1	2198.924	3155.533	49713.65	4605.960	3939.179
#2	2236.648	3160.015	49582.74	4550.458	3937.574
#3	2214.712	3158.129	49725.56	4579.540	3932.747

Sample Name: CCV055 Acquired: 10/9/2018 14:40:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV055 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.855291	4.863373	24.85472	4.742882	4.912884	400.5668	10.02930
Stddev	.002671	.011189	.02579	.018260	.015679	.4128	.02254
%RSD	.0550158	.2300645	.1037799	.3849881	.3191445	.1030496	.2247426

#1	4.856023	4.867880	24.84611	4.759354	4.922785	400.5874	10.05268
#2	4.857521	4.850634	24.83434	4.723248	4.894807	400.9689	10.00770
#3	4.852331	4.871606	24.88373	4.746044	4.921061	400.1441	10.02753

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4938658	2.493956	403.1411	15.37410	2.523011	15.04568	415.0799
Stddev	.0018847	.002449	1.8846	.02184	.005015	.02412	2.8365
%RSD	.3816250	.0981947	.4674793	.1420846	.1987861	.1602810	.6833616

#1	.4918429	2.491348	401.5132	15.39789	2.518401	15.05781	413.3940
#2	.4955723	2.494313	405.2057	15.35495	2.522280	15.06132	418.3547
#3	.4941821	2.496207	402.7043	15.36945	2.528352	15.01791	413.4909

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.79984	411.3413	2.526680	1.287084	407.1115	2.494477	15.19112
Stddev	.09878	2.1517	.002514	.009636	.4690	.011145	.12991
%RSD	.6674103	.5230839	.0994863	.7486644	.1152041	.4467896	.8551856

#1	14.72291	409.7422	2.525029	1.287536	406.6584	2.503227	15.26450
#2	14.91123	413.7876	2.525438	1.277230	407.5950	2.498275	15.26774
#3	14.76537	410.4940	2.529573	1.296486	407.0811	2.481930	15.04112

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.8741	5.365847	4.874025	4.943722	5.132704	4.959267	5.031506
Stddev	.1074	.013717	.013961	.013769	.010203	.011690	.010836
%RSD	.0702679	.2556363	.2864440	.2785080	.1987790	.2357125	.2153713

#1	152.9532	5.373129	4.858022	4.945922	5.144351	4.945789	5.039679
#2	152.9173	5.374388	4.880342	4.928986	5.128412	4.965368	5.019214
#3	152.7518	5.350025	4.883712	4.956258	5.125348	4.966643	5.035624

Sample Name: CCV055 Acquired: 10/9/2018 14:40:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV055 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.982786	5.098140	5.051083
Stddev	.016145	.014044	.002287
%RSD	.3240111	.2754738	.0452853

#1	4.980061	5.110038	5.053715
#2	5.000120	5.082648	5.049576
#3	4.968178	5.101735	5.049957

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1959.099	2731.975	47099.49	4372.390	3103.327
Stddev	10.386	6.237	300.74	8.518	1.871
%RSD	.5301588	.2283060	.6385113	.1948132	.0602827

#1	1947.468	2731.363	46822.85	4362.607	3104.626
#2	1962.380	2738.496	47419.59	4376.394	3104.173
#3	1967.448	2726.066	47056.03	4378.167	3101.183

Sample Name: CCB055 Acquired: 10/9/2018 14:43:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB055 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009155	-.000629	.0017867	.0005325	-.000334	-.005611
Stddev	.0022321	.001452	.0012313	.0004670	.000650	.002891
%RSD	243.8071	230.6775	68.91554	87.69725	194.6330	51.52921

#1	-.001168	-.000597	.0028851	.0005664	.000346	-.002316
#2	.000643	.000806	.0020194	.0009816	-.000949	-.007723
#3	.003271	-.002098	.0004556	.0000495	-.000400	-.006794

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007229	.0000844	.0000387	-.012544	-.000030	-.000117
Stddev	.0003337	.0000400	.0000978	.021561	.000231	.000231
%RSD	46.16050	47.35224	252.7997	171.8869	772.6738	197.8122

#1	.0011080	.0000548	.0001513	.010019	-.000248	-.000108
#2	.0005175	.0001298	-.000025	-.014710	-.000054	.000110
#3	.0005433	.0000685	-.000011	-.032941	.000212	-.000353

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001983	.0127247	-.000355	-.031279	.0000009	-.000470
Stddev	.001659	.0106334	.000844	.033204	.0003781	.000381
%RSD	83.66955	83.56519	238.0355	106.1566	42154.96	81.04631

#1	-.003894	.0066843	.000019	.007042	-.000425	-.000855
#2	-.001138	.0064872	-.001321	-.051523	.000296	-.000094
#3	-.000916	.0250027	.000239	-.049355	.000132	-.000460

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1487297	.0001953	.0207083	.0223360	-.004136	F .0117227
Stddev	.2478404	.0023082	.0043168	.0699338	.002126	.0013035
%RSD	166.6382	1181.778	20.84604	313.0997	51.40633	11.11970

#1	.0795779	.0027465	.0167875	.0995978	-.002244	.0127618
#2	.4238017	-.000413	.0200029	.0040446	-.006437	.0121463
#3	-.057191	-.001748	.0253344	-.036635	-.003728	.0102601

Sample Name: CCB055 Acquired: 10/9/2018 14:43:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB055 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000338	-.007390	-.000066	-.000477	-.002153	.0025860
Stddev	.0001858	.002001	.001209	.000365	.001241	.0010838
%RSD	550.2392	27.08104	1837.022	76.52279	57.61898	41.90885

#1	-.000020	-.006780	.000138	-.000056	-.000765	.0022622
#2	.000240	-.009625	-.001364	-.000706	-.003153	.0037948
#3	-.000119	-.005765	.001028	-.000669	-.002542	.0017011

Elem	Sr4077
Units	ppm
Avg	.0000324
Stddev	.0000334
%RSD	103.1273

#1	-.000006
#2	.000052
#3	.000051

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2208.789	3139.043	49246.40	4485.607	3880.820
Stddev	19.451	5.564	222.99	14.558	3.583
%RSD	.8806322	.1772474	.4528024	.3245427	.0923252

#1	2227.467	3144.674	49503.87	4483.300	3883.776
#2	2188.647	3133.549	49114.86	4501.180	3876.835
#3	2210.254	3138.905	49120.48	4472.340	3881.849

Sample Name: J5226-01 Acquired: 10/9/2018 16:25:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA3YT3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041846	.0024754	.0022531	-.002974	-.001812	-.008663	.0004242
Stddev	.0010442	.0020778	.0005877	.000250	.000651	.009964	.0008741
%RSD	24.95333	83.93827	26.08488	8.410416	35.91765	115.0216	206.0657

#1	.0035143	.0041203	.0028882	-.003090	-.001106	-.011354	-.000136
#2	.0036518	.0031656	.0021425	-.002686	-.002388	-.017006	-.000023
#3	.0053878	.0001403	.0017285	-.003144	-.001941	.002370	.001431

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001711	-.000012	-.004843	-.000195	.0000203	.0035388	.0424976
Stddev	.0000490	.000053	.014727	.000147	.0002050	.0023025	.0207124
%RSD	28.62119	442.1375	304.0984	75.56627	1008.229	65.06320	48.73772

#1	.0001905	-.000073	-.014780	-.000142	-.000180	.0045244	.0663557
#2	.0001154	.000017	-.011825	-.000081	.000230	.0009076	.0320159
#3	.0002073	.000021	.012076	-.000362	.000011	.0051845	.0291212

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016164	.0073621	.0000926	-.000398	.1291211	-.002137	.0154773
Stddev	.0014313	.0499377	.0004178	.000158	.3658475	.003340	.0099692
%RSD	88.54644	678.3088	451.0887	39.64779	283.3368	156.3064	64.41165

#1	.0028514	.0167499	.0005680	-.000299	.2579633	-.003864	.0262817
#2	.0019501	.0519396	-.000216	-.000314	.4131166	.001713	.0066352
#3	.0000478	-.046603	-.000074	-.000580	-.283717	-.004260	.0135150

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.811001	-.003346	-.002205	-.000316	.0029120	.0006151	-.002002
Stddev	.062508	.000868	.000674	.000215	.0013504	.0004442	.000320
%RSD	7.707545	25.93592	30.53916	67.86765	46.37191	72.20885	15.96950

#1	-.869504	-.002744	-.001632	-.000552	.0026211	.0007949	-.001933
#2	-.818360	-.004341	-.002947	-.000132	.0043842	.0009413	-.001723
#3	-.745139	-.002954	-.002037	-.000264	.0017308	.0001093	-.002351

Sample Name: J5226-01 Acquired: 10/9/2018 16:25:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA3YT3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001135	-.013184	.0000058
Stddev	.001961	.002134	.0000625
%RSD	172.8856	16.18783	1084.832

#1	-.003137	-.015527	-.000033
#2	.000783	-.012672	.000078
#3	-.001049	-.011352	-.000027

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2252.789	3269.656	49924.10	4551.963	4003.758
Stddev	8.792	7.739	262.04	14.375	7.080
%RSD	.3902690	.2366835	.5248731	.3157917	.1768361

#1	2261.684	3264.611	50224.34	4550.390	3995.702
#2	2252.579	3265.791	49741.45	4567.060	4006.584
#3	2244.104	3278.566	49806.53	4538.440	4008.989

Sample Name: CCV056 Acquired: 10/9/2018 16:29:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV056 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.882366	4.872264	24.85312	4.765697	4.925897	404.9386
Stddev	.014601	.014611	.05061	.022102	.004513	.9259
%RSD	.2990655	.2998731	.2036393	.4637664	.0916200	.2286444

#1	4.896948	4.859979	24.81222	4.791080	4.930869	403.8721
#2	4.882403	4.868393	24.83742	4.755301	4.924762	405.5366
#3	4.867745	4.888420	24.90972	4.750710	4.922060	405.4071

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.16841	.4994044	2.495012	409.3266	15.45266	2.525377
Stddev	.01339	.0007094	.005306	2.9046	.04045	.005302
%RSD	.1316374	.1420478	.2126740	.7096087	.2617811	.2099553

#1	10.16926	.5001906	2.491015	406.0568	15.49066	2.521498
#2	10.18135	.4988122	2.492988	410.3146	15.45720	2.523214
#3	10.15462	.4992104	2.501032	411.6082	15.41013	2.531419

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.24955	417.5267	15.13470	413.0131	2.518561	1.298609
Stddev	.03380	1.8279	.16957	2.1741	.001437	.005795
%RSD	.2216248	.4378014	1.120406	.5264059	.0570548	.4462630

#1	15.22640	415.4708	14.95945	410.5444	2.517692	1.303649
#2	15.28833	418.1410	15.14669	413.8523	2.517771	1.292277
#3	15.23391	418.9684	15.29795	414.6425	2.520220	1.299900

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	412.4317	2.531659	15.23074	154.8088	F 5.511458	4.924154
Stddev	1.3441	.014276	.23030	.3681	.018371	.004213
%RSD	.3258943	.5638804	1.512064	.2377837	.3333224	.0855573

#1	410.9144	2.515177	14.96620	154.3837	5.490266	4.928692
#2	413.4731	2.540148	15.33946	155.0182	5.522867	4.920368
#3	412.9077	2.539651	15.38654	155.0243	5.521242	4.923402

Sample Name: CCV056 Acquired: 10/9/2018 16:29:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV056 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.957055	5.169415	5.014853	5.025736	5.048473	5.174957
Stddev	.006931	.010390	.016376	.018535	.016408	.010219
%RSD	.1398256	.2009855	.3265458	.3688101	.3250040	.1974669

#1	4.964815	5.167495	5.033137	5.006853	5.029646	5.163665
#2	4.954873	5.160119	5.001535	5.026452	5.059723	5.183568
#3	4.951478	5.180630	5.009888	5.043903	5.056049	5.177638

Elem	Sr4077
Units	ppm
Avg	5.119033
Stddev	.012048
%RSD	.2353572

#1	5.114775
#2	5.132632
#3	5.109692

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1933.490	2713.369	46508.58	4298.051	3091.320
Stddev	18.383	10.904	68.86	10.239	2.281
%RSD	.9507630	.4018528	.1480493	.2382355	.0737725

#1	1954.549	2705.246	46587.67	4309.850	3090.649
#2	1925.265	2709.099	46461.96	4291.494	3089.451
#3	1920.656	2725.761	46476.12	4292.809	3093.861

Sample Name: CCB056 Acquired: 10/9/2018 16:33:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB056 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000054	.0000767	.0003183	.0005418	.0003787	-.019892
Stddev	.002089	.0016538	.0008428	.0022436	.0012229	.011447
%RSD	3860.781	2155.380	264.7974	414.0512	322.9251	57.54894

#1	.000118	-.001134	-.000523	.0027677	.0013206	-.023228
#2	-.002224	.001961	.000316	.0005768	-.001003	-.007146
#3	.001944	-.000597	.001162	-.001719	.000819	-.029300

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000355	.0000378	-.000077	-.000867	.0004054	.0001854
Stddev	.000669	.0000389	.000081	.021133	.0000290	.0000026
%RSD	188.6309	103.1092	105.4436	2438.065	7.162527	1.422410

#1	.000406	.0000582	.000015	-.010656	.0003920	.0001840
#2	-.000616	-.000007	-.000108	.023386	.0003854	.0001885
#3	-.000854	.000062	-.000138	-.015330	.0004387	.0001838

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000365	-.003853	-.000386	.0353404	-.000076	-.000548
Stddev	.001877	.006669	.000375	.0399493	.000134	.000258
%RSD	514.7863	173.0789	97.11373	113.0413	176.6622	47.17447

#1	-.001888	-.006898	-.000045	.0529266	-.000105	-.000456
#2	.001733	.003795	-.000326	-.010385	-.000192	-.000840
#3	-.000939	-.008456	-.000788	.063480	.000070	-.000348

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0388748	-.005990	.0235202	-.022202	-.003669	F .0111911
Stddev	.3568051	.003000	.0083966	.044404	.001858	.0015440
%RSD	917.8306	50.07898	35.69940	199.9956	50.63801	13.79649

#1	-.336469	-.008496	.0139406	-.072419	-.001594	.0124791
#2	.373678	-.002666	.0296046	-.006061	-.004233	.0116148
#3	.079416	-.006809	.0270155	.011873	-.005179	.0094796

Sample Name: CCB056 Acquired: 10/9/2018 16:33:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v685) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB056 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000976	-.003148	.0002981	-.001015	-.001321	.0056015
Stddev	.0000509	.002655	.0007210	.000544	.003175	.0021005
%RSD	52.09378	84.34803	241.8547	53.61980	240.2858	37.49835

#1	.0000448	-.001013	.0010610	-.001640	-.001880	.0079154
#2	.0001463	-.006121	.0002056	-.000748	.002096	.0050742
#3	.0001017	-.002311	-.000372	-.000655	-.004180	.0038149

Elem	Sr4077
Units	ppm
Avg	.0000762
Stddev	.0000923
%RSD	121.0918

#1	-.000024
#2	.000157
#3	.000096

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2201.344	3170.915	49200.30	4505.330	3923.157
Stddev	10.123	7.992	81.43	36.912	2.457
%RSD	.4598529	.2520303	.1655065	.8192860	.0626184

#1	2194.907	3178.536	49230.06	4522.860	3924.350
#2	2213.012	3162.598	49262.66	4462.920	3920.332
#3	2196.112	3171.610	49108.17	4530.210	3924.790