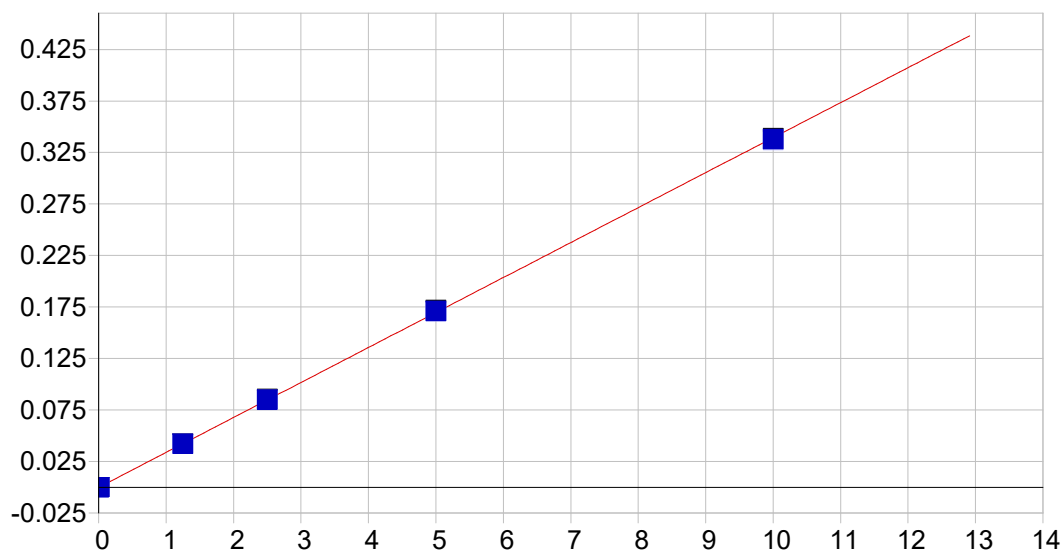


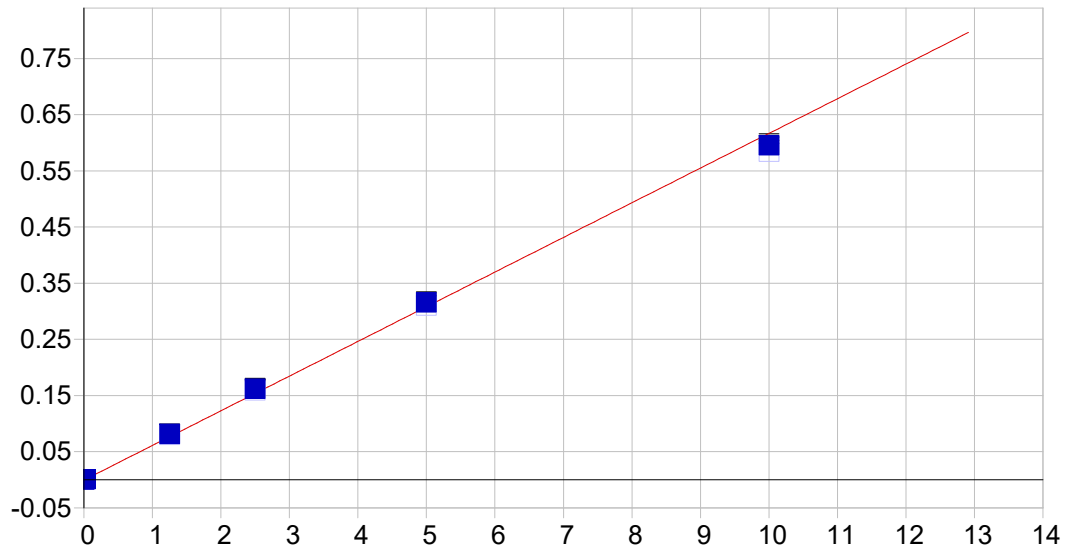


As 189.042 {479}

Date of Fit: 01/28/2020 14:55:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000190 Re-Slope: 1.000000
 A1 (Gain): 0.033962 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980 Status: OK.
 Std Error of Est: 0.000004
 Predicted MDL: 0.003104
 Predicted MQL: 0.010347

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00019	.000	1
S1	.01000	.00912	-.001	-8.81	.00012	.000	1
S2	1.2500	1.2443	-.006	-.453	.04197	.000	1
S3	2.5000	2.5090	.009	.362	.08482	.001	1
S4	5.0000	5.0445	.044	.889	.17073	.001	1
S5	10.000	9.9530	-.047	-.470	.33703	.001	1

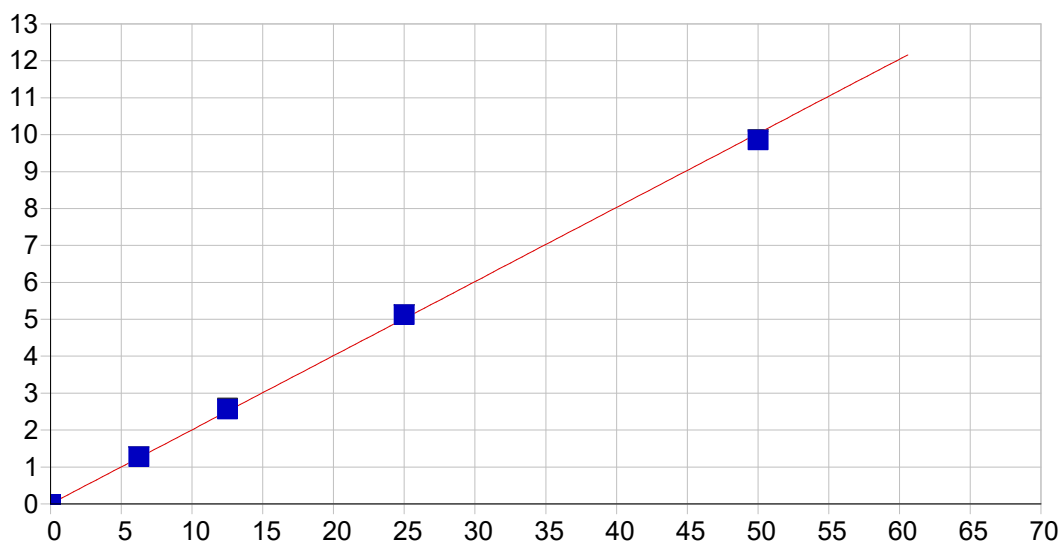


TI 190.856 {477}

Date of Fit: 01/28/2020 14:55:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000516	Re-Slope:	1.000000
A1 (Gain):	0.061734	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999214	Status:	OK.
Std Error of Est:	0.000064		
Predicted MDL:	0.001857		
Predicted MQL:	0.006189		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00052	.000	1
S1	.02500	.03023	.005	20.9	.00129	.000	1
S2	1.2500	1.3276	.078	6.20	.08002	.000	1
S3	2.5000	2.6361	.136	5.44	.15937	.001	1
S4	5.0000	5.1267	.127	2.53	.31028	.001	1
S5	10.000	9.6545	-.345	-3.45	.58411	.003	1

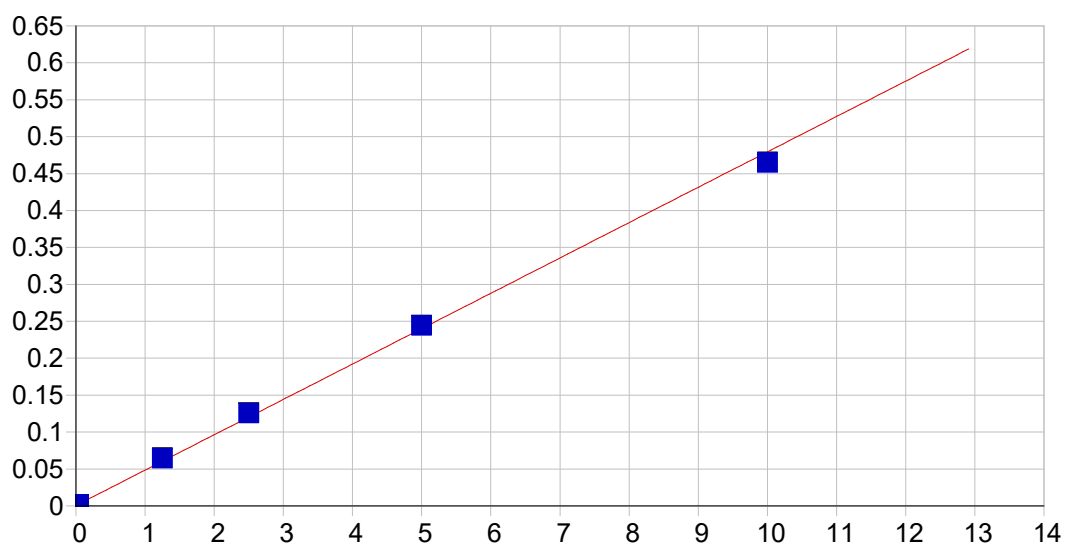


Pb 220.353 {453}

Date of Fit: 01/28/2020 14:55:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000507 Re-Slope: 1.000000
 A1 (Gain): 0.200701 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999800 Status: OK.
 Std Error of Est: 0.000150
 Predicted MDL: 0.001359
 Predicted MQL: 0.004530

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00051	.000	1
S1	.01000	.01243	.002	24.3	.00300	.000	1
S2	6.2500	6.3435	.094	1.50	1.2739	.001	1
S3	12.500	12.796	.296	2.37	2.5692	.020	1
S4	25.000	25.532	.532	2.13	5.1259	.009	1
S5	50.000	49.075	-.925	-1.85	9.8520	.020	1

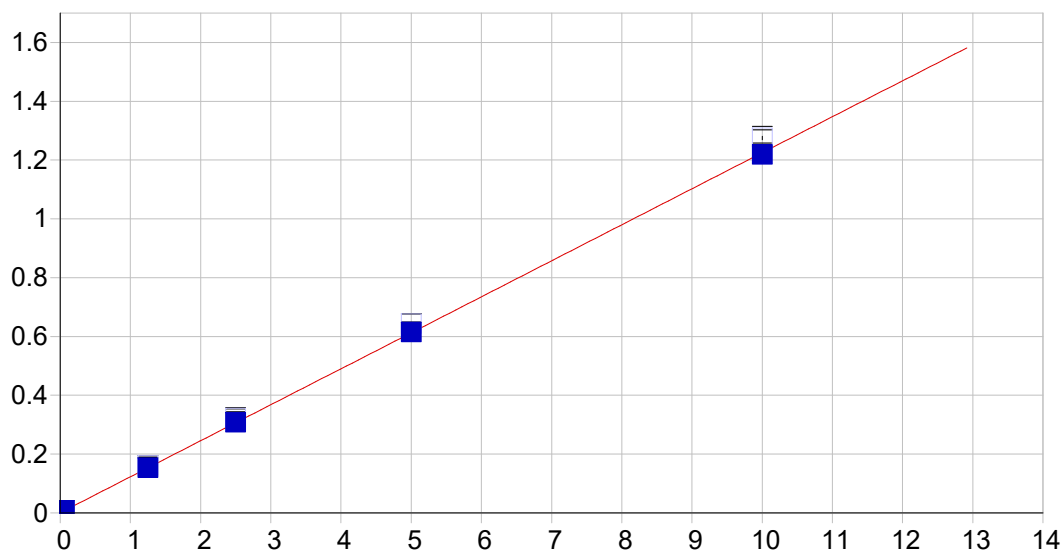


Se 196.090 {472}

Date of Fit: 01/28/2020 14:55:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000624	Re-Slope:	1.000000
A1 (Gain):	0.047878	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999361	Status:	OK.
Std Error of Est:	0.000054		
Predicted MDL:	0.002932		
Predicted MQL:	0.009774		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00062	.000	1
S1	.03500	.04438	.009	26.8	.00275	.000	1
S2	1.2500	1.3321	.082	6.57	.06425	.001	1
S3	2.5000	2.6152	.115	4.61	.12552	.001	1
S4	5.0000	5.0925	.093	1.85	.24381	.000	1
S5	10.000	9.7008	-.299	-2.99	.46381	.001	1

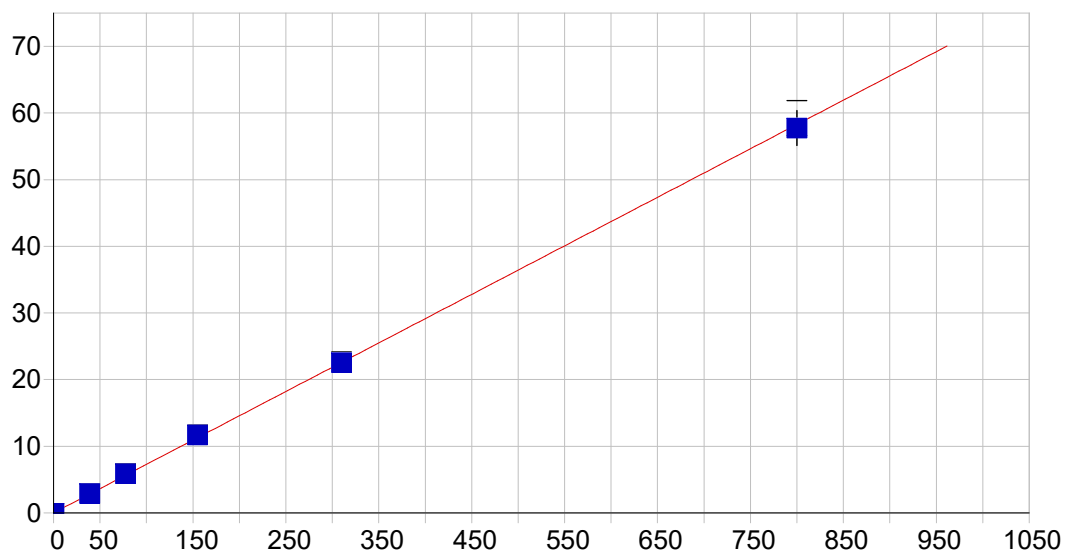


Sb 206.833 {463}

Date of Fit: 01/28/2020 14:55:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000274	Re-Slope:	1.000000
A1 (Gain):	0.122460	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999877	Status:	OK.
Std Error of Est:	0.000083		
Predicted MDL:	0.001503		
Predicted MQL:	0.005009		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00027	.000	1
S1	.06000	.07673	.017	27.9	.00968	.000	1
S2	1.2500	1.2534	.003	.276	.16082	.001	1
S3	2.5000	2.5129	.013	.515	.32209	.002	1
S4	5.0000	5.0184	.018	.368	.64302	.000	1
S5	10.000	9.9493	-.051	-.507	1.2750	.006	1

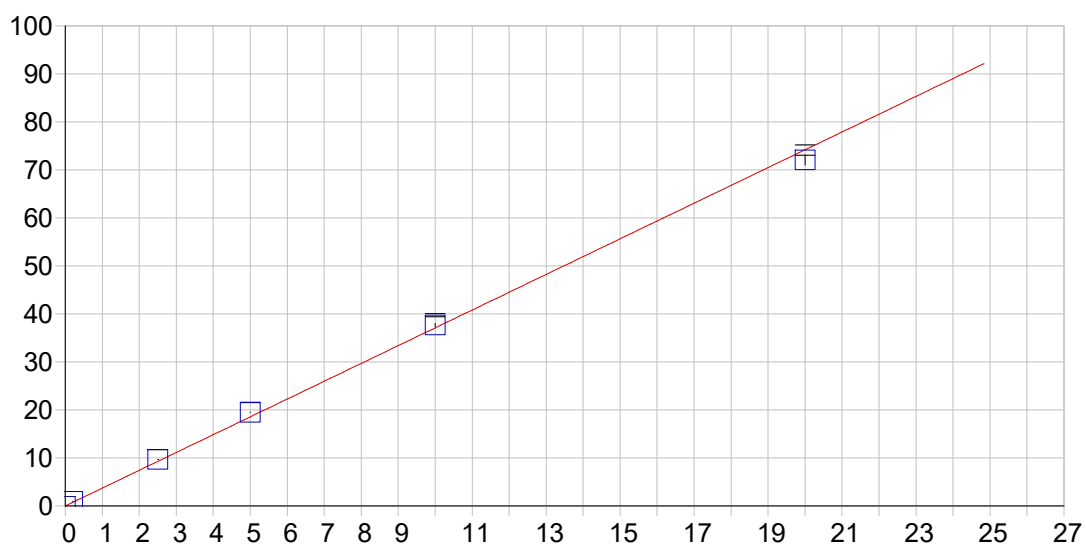


AI 396.152 { 85}

Date of Fit: 01/28/2020 14:55:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.003675	Re-Slope:	1.000000
A1 (Gain):	0.072852	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999864	Status:	OK.
Std Error of Est:	0.000749		
Predicted MDL:	0.008250		
Predicted MQL:	0.027499		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00007	-.000	.000	.00367	.000	1
S1	.20000	.25249	.052	26.2	.02232	.000	1
S2	38.750	39.245	.495	1.28	2.8684	.014	1
S3	77.500	80.453	2.95	3.81	5.8761	.013	1
S4	155.00	160.13	5.13	3.31	11.692	.039	1
S5	310.00	308.90	-1.10	-.354	22.553	.102	1
S6	800.00	792.45	-7.55	-.943	57.772	2.63	1

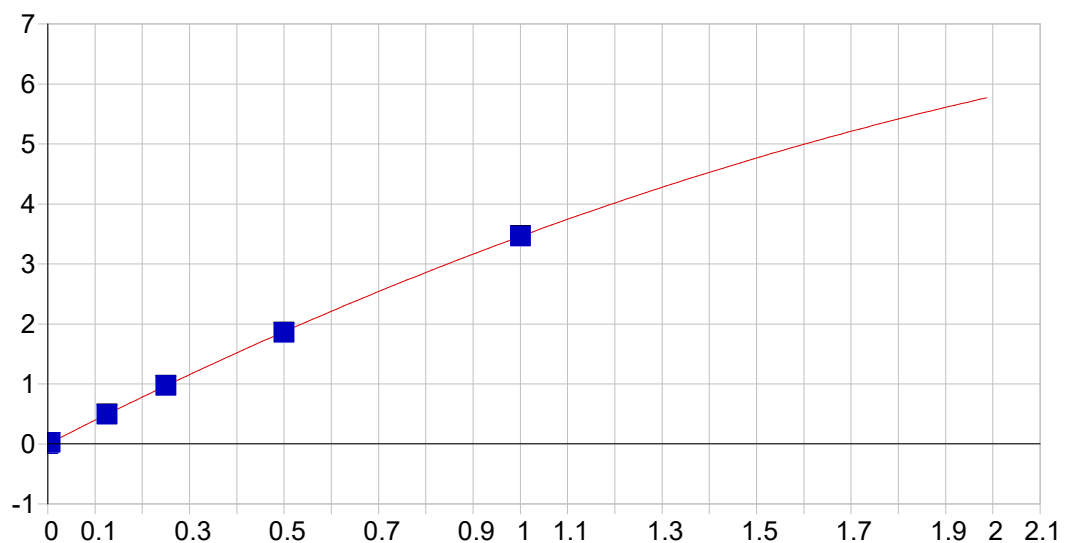


Ba 493.409 { 68}

Date of Fit: 01/28/2020 14:55:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.002045	Re-Slope:	1.000000
A1 (Gain):	3.709584	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999345	Status:	OK.
Std Error of Est:	0.014277		
Predicted MDL:	0.000448		
Predicted MQL:	0.001495		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00007	-.000	.000	.00179	.001	1
S1	.20000	.25195	.052	26.0	.93666	.003	1
S2	2.5000	2.6068	.107	4.27	9.6721	.009	1
S3	5.0000	5.2528	.253	5.06	19.488	.041	1
S4	10.000	10.156	.156	1.56	37.678	.344	1
S5	20.000	19.432	-.568	-2.84	72.087	1.07	1

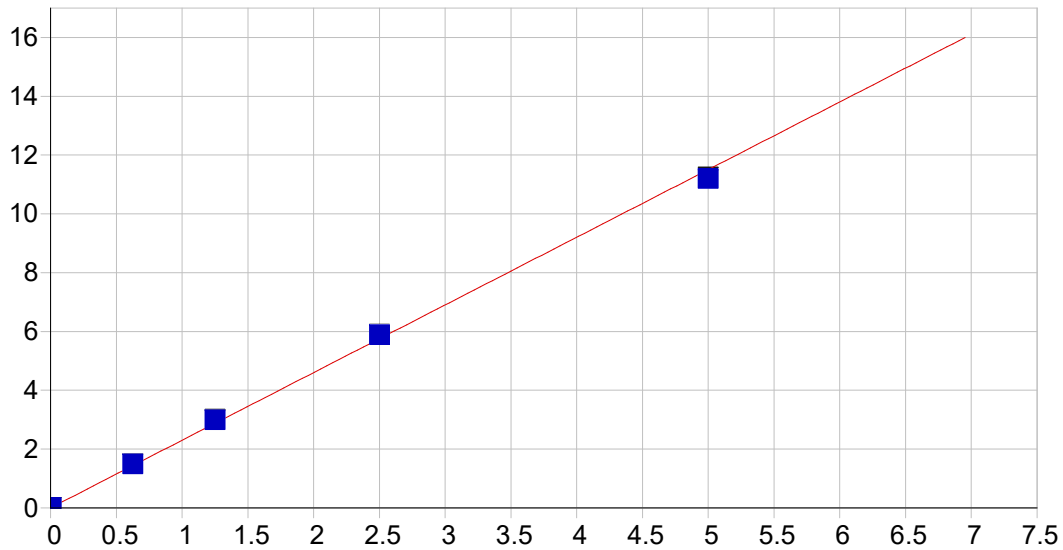


Be 234.861 {144}

Date of Fit: 01/28/2020 14:55:17 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	-0.000973	Re-Slope:	1.000000
A1 (Gain):	4.022823	Y-int:	0.000000
A2 (Curvature):	-0.563234		
n (Exponent):	1.000000		
Correlation:	0.999929	Status:	OK.
Std Error of Est:	0.000186		
Predicted MDL:	0.000062		
Predicted MQL:	0.000205		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00098	.000	1
S1	.00500	.00598	.001	19.6	.02305	.001	1
S2	.12500	.12538	.000	.307	.49290	.002	1
S3	.25000	.25039	.000	.156	.96765	.008	1
S4	.50000	.49635	-.004	-.731	1.8503	.007	1
S5	1.0000	1.0020	.002	.199	3.4510	.011	1

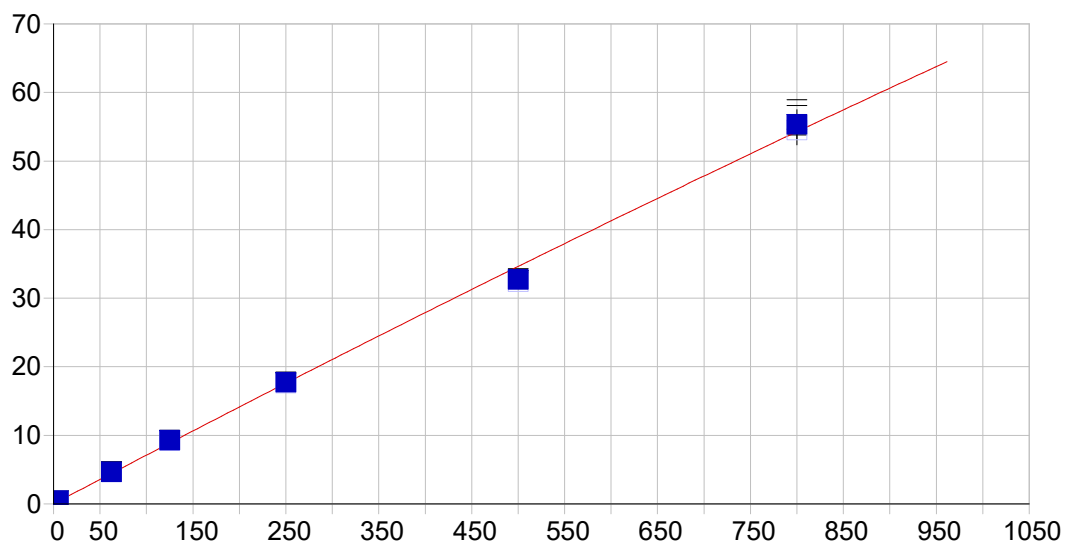


Cd 214.438 {457}

Date of Fit: 01/28/2020 14:55:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000287	Re-Slope:	1.000000
A1 (Gain):	2.301118	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999561	Status:	OK.
Std Error of Est:	0.000573		
Predicted MDL:	0.000075		
Predicted MQL:	0.000250		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00028	.000	1
S1	.00500	.00628	.001	25.6	.01475	.000	1
S2	.62500	.64963	.025	3.94	1.4974	.005	1
S3	1.2500	1.3005	.050	4.04	2.9972	.022	1
S4	2.5000	2.5577	.058	2.31	5.8948	.014	1
S5	5.0000	4.8659	-.134	-2.68	11.215	.044	1

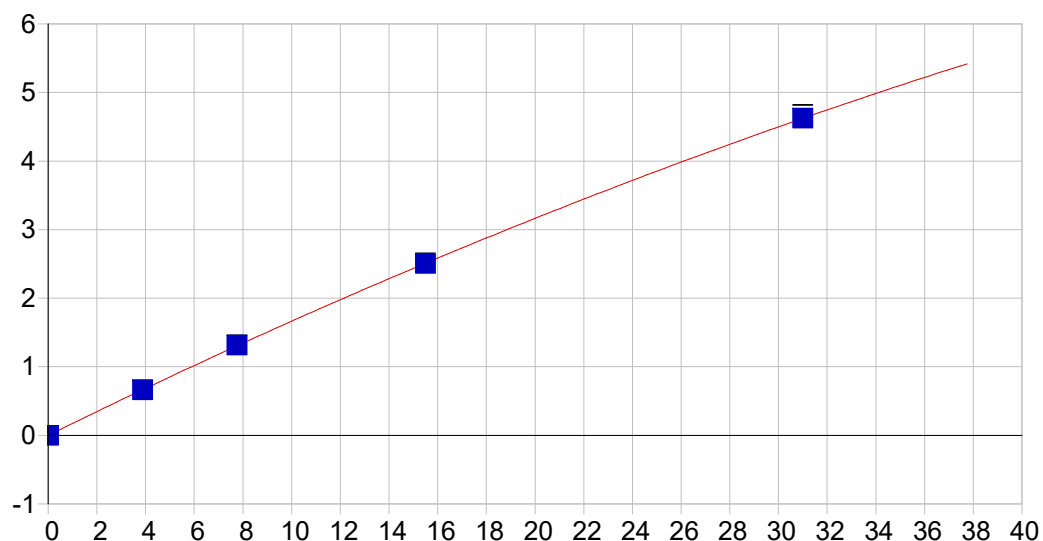


Ca 373.690 { 90}

Date of Fit: 01/28/2020 14:55:17 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.001419 Re-Slope: 1.000000
 A1 (Gain): 0.071623 Y-int: 0.000000
 A2 (Curvature): -0.000005
 n (Exponent): 1.000000
 Correlation: 0.999194 Status: OK.
 Std Error of Est: 0.010687
 Predicted MDL: 0.008240
 Predicted MQL: 0.027466

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00175	-.002	.000	.00129	.000	1
S1	5.0000	6.4258	1.43	28.5	.46135	.002	1
S2	62.500	65.632	3.13	5.01	4.6418	.017	1
S3	125.00	130.52	5.52	4.41	9.1887	.009	1
S4	250.00	251.99	1.99	.796	17.589	.045	1
S5	500.00	471.23	-28.8	-5.75	32.382	.135	1
S6	800.00	816.94	16.9	2.12	54.504	2.16	1

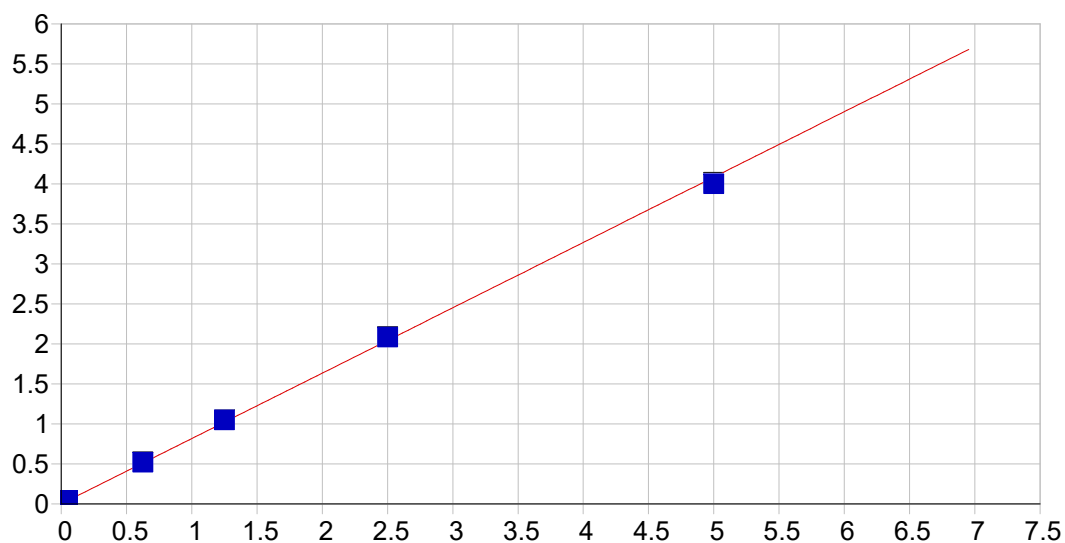


Cr 267.716 {126}

Date of Fit: 01/28/2020 14:55:17 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000001 Re-Slope: 1.000000
 A1 (Gain): 0.174776 Y-int: 0.000000
 A2 (Curvature): -0.000827
 n (Exponent): 1.000000
 Correlation: 0.999989 Status: OK.
 Std Error of Est: 0.000025
 Predicted MDL: 0.000430
 Predicted MQL: 0.001434

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00000	.000	1
S1	.01000	.01199	.002	19.9	.00210	.000	1
S2	3.8750	3.8455	-.030	-.762	.66071	.002	1
S3	7.7500	7.8054	.055	.715	1.3155	.001	1
S4	15.500	15.463	-.037	-.236	2.5082	.004	1
S5	31.000	31.009	.009	.029	4.6310	.046	1

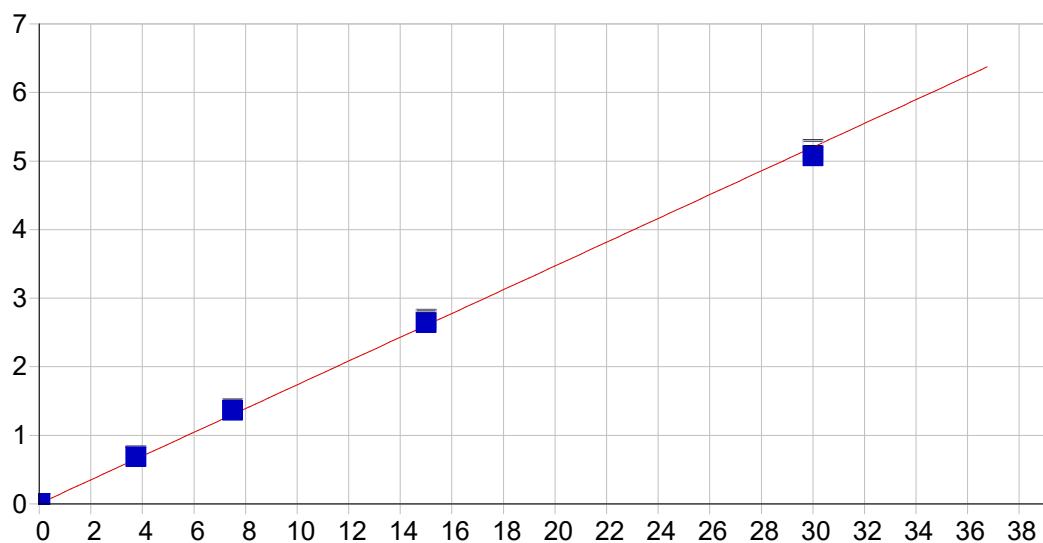


Co 228.616 {448}

Date of Fit: 01/28/2020 14:55:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000425	Re-Slope:	1.000000
A1 (Gain):	0.816978	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999680	Status:	OK.
Std Error of Est:	0.000550		
Predicted MDL:	0.000227		
Predicted MQL:	0.000756		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00042	.000	1
S1	.05000	.05983	.010	19.7	.04945	.000	1
S2	.62500	.63644	.011	1.83	.52119	.001	1
S3	1.2500	1.2832	.033	2.66	1.0504	.007	1
S4	2.5000	2.5481	.048	1.92	2.0854	.004	1
S5	5.0000	4.8975	-.103	-2.05	4.0080	.013	1

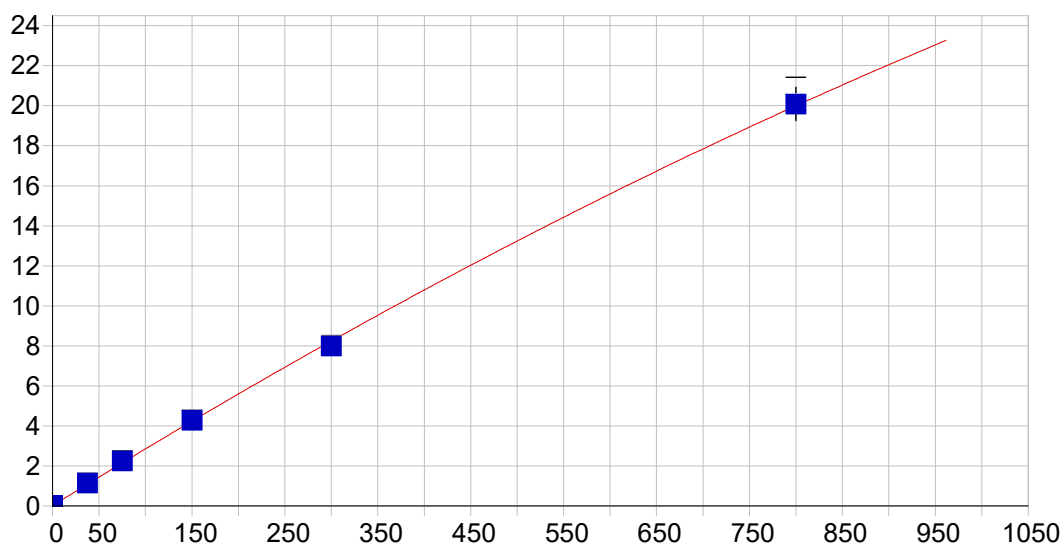


Cu 324.754 {104}

Date of Fit: 01/28/2020 14:55:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.004384	Re-Slope:	1.000000
A1 (Gain):	0.173267	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999601	Status:	OK.
Std Error of Est:	0.000229		
Predicted MDL:	0.002111		
Predicted MQL:	0.007038		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00438	.000	1
S1	.02500	.02760	.003	10.4	.01003	.000	1
S2	3.7500	3.9330	.183	4.88	.69626	.004	1
S3	7.5000	7.8412	.341	4.55	1.3839	.004	1
S4	15.000	15.218	.218	1.45	2.6829	.011	1
S5	30.000	29.254	-.746	-2.49	5.1566	.009	1

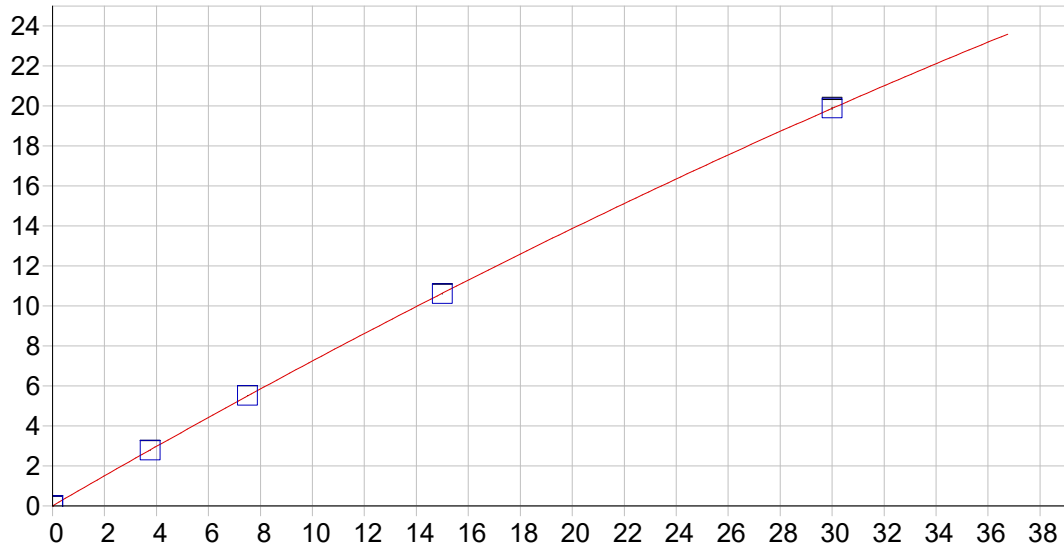


Fe 259.837 {130}

Date of Fit: 01/28/2020 14:55:17 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.005089 Re-Slope: 1.000000
 A1 (Gain): 0.028925 Y-int: 0.000000
 A2 (Curvature): -0.000005
 n (Exponent): 1.000000
 Correlation: 0.999777 Status: OK.
 Std Error of Est: 0.000271
 Predicted MDL: 0.006240
 Predicted MQL: 0.020799

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00509	.000	1
S1	.10000	.11256	.013	12.6	.00846	.000	1
S2	37.500	39.092	1.59	4.25	1.1306	.004	1
S3	75.000	78.339	3.34	4.45	2.2453	.003	1
S4	150.00	151.52	1.52	1.01	4.2837	.006	1
S5	300.00	290.00	-10.0	-3.33	7.9975	.029	1
S6	800.00	803.75	3.75	.469	20.104	.837	1

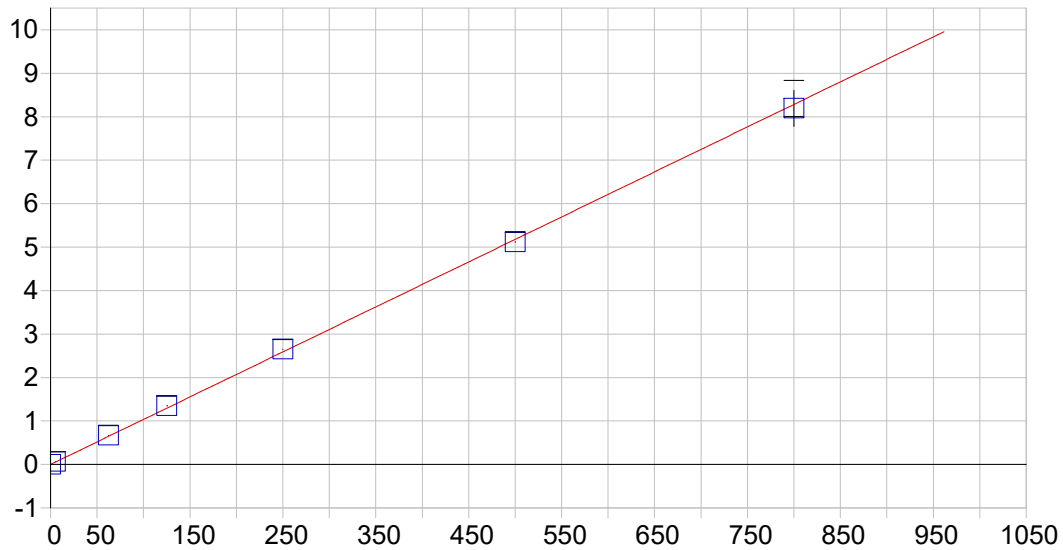


Mn 257.610 {131}

Date of Fit: 01/28/2020 14:55:17 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.006872 Re-Slope: 1.000000
 A1 (Gain): 0.754822 Y-int: 0.000000
 A2 (Curvature): -0.003075
 n (Exponent): 1.000000
 Correlation: 0.999989 Status: OK.
 Std Error of Est: 0.000132
 Predicted MDL: 0.000275
 Predicted MQL: 0.000915

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00687	.000	1
S1	.01500	.01815	.003	21.0	.02057	.000	1
S2	3.7500	3.7318	-.018	-.484	2.7809	.007	1
S3	7.5000	7.5414	.041	.552	5.5244	.003	1
S4	15.000	14.961	-.039	-.257	10.612	.017	1
S5	30.000	30.012	.012	.041	19.891	.060	1

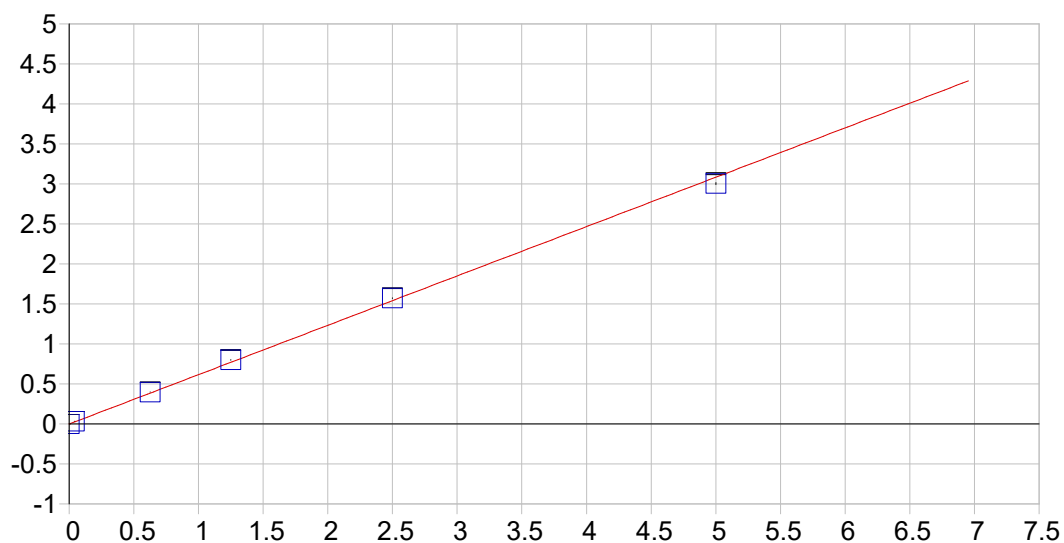


Mg 279.079 {121}

Date of Fit: 01/28/2020 14:55:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000124 Re-Slope: 1.000000
 A1 (Gain): 0.010355 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999743 Status: OK.
 Std Error of Est: 0.000819
 Predicted MDL: 0.020974
 Predicted MQL: 0.069913

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00161	-.002	.000	-.00014	.000	1
S1	5.0000	6.2304	1.23	24.6	.06439	.001	1
S2	62.500	64.516	2.02	3.23	.66797	.001	1
S3	125.00	130.25	5.25	4.20	1.3487	.002	1
S4	250.00	256.00	6.00	2.40	2.6509	.004	1
S5	500.00	494.30	-5.70	-1.14	5.1186	.005	1
S6	800.00	791.19	-8.81	-1.10	8.1930	.415	1

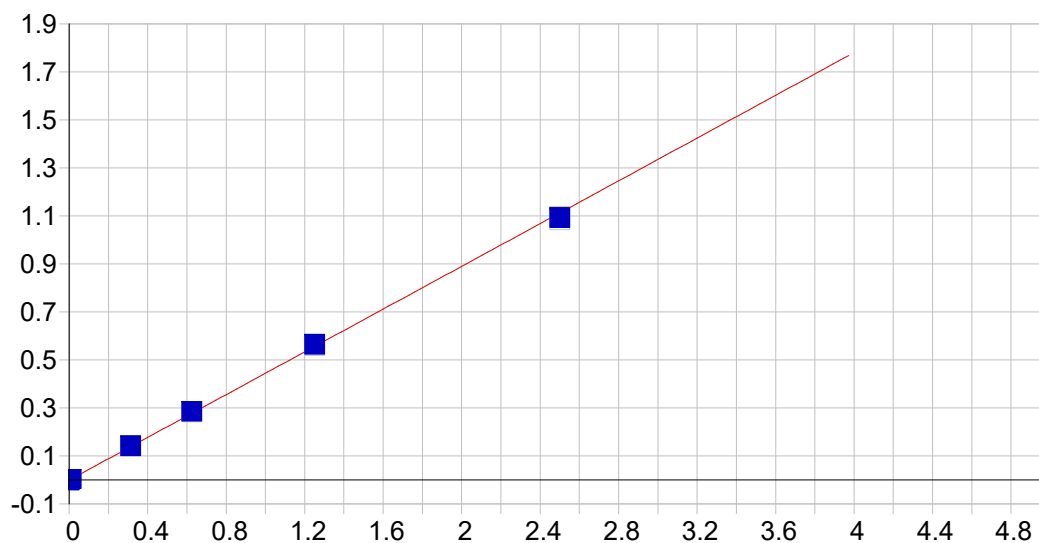


Ni 231.604 {446}

Date of Fit: 01/28/2020 14:55:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001154	Re-Slope:	1.000000
A1 (Gain):	0.616888	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999470	Status:	OK.
Std Error of Est:	0.000477		
Predicted MDL:	0.000347		
Predicted MQL:	0.001157		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00116	.000	1
S1	.04000	.05124	.011	28.1	.03046	.000	1
S2	.62500	.64660	.022	3.46	.39773	.001	1
S3	1.2500	1.2968	.047	3.74	.79880	.004	1
S4	2.5000	2.5495	.050	1.98	1.5716	.004	1
S5	5.0000	4.8709	-.129	-2.58	3.0036	.013	1

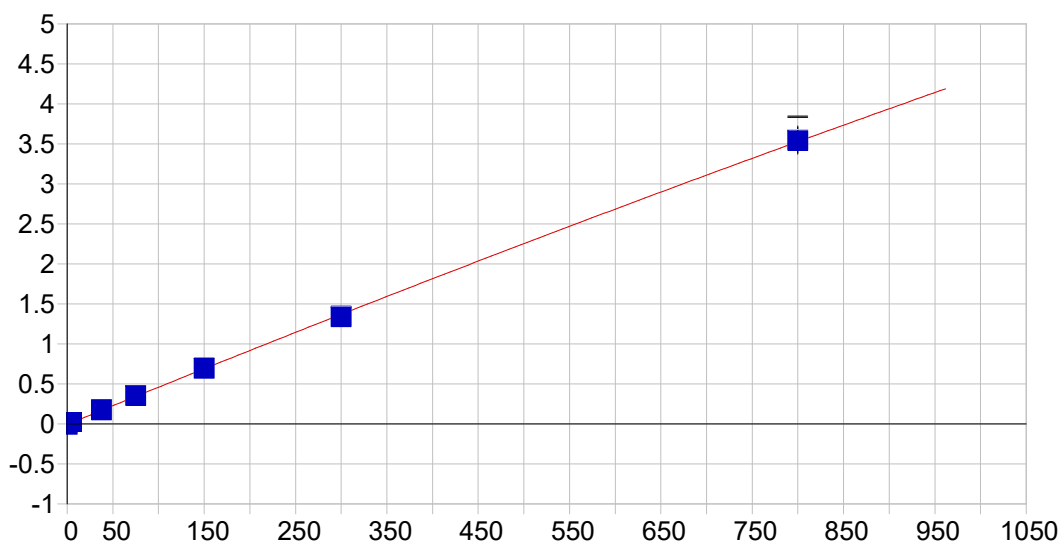


Ag 328.068 {103}

Date of Fit: 01/28/2020 14:55:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001029	Re-Slope:	1.000000
A1 (Gain):	0.445390	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999759	Status:	OK.
Std Error of Est:	0.000081		
Predicted MDL:	0.000350		
Predicted MQL:	0.001167		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00103	.000	1
S1	.01000	.01229	.002	22.9	.00441	.000	1
S2	.31250	.31988	.007	2.36	.14025	.000	1
S3	.62500	.64184	.017	2.69	.28245	.001	1
S4	1.2500	1.2683	.018	1.46	.55909	.002	1
S5	2.5000	2.4552	-.045	-1.79	1.0830	.003	1

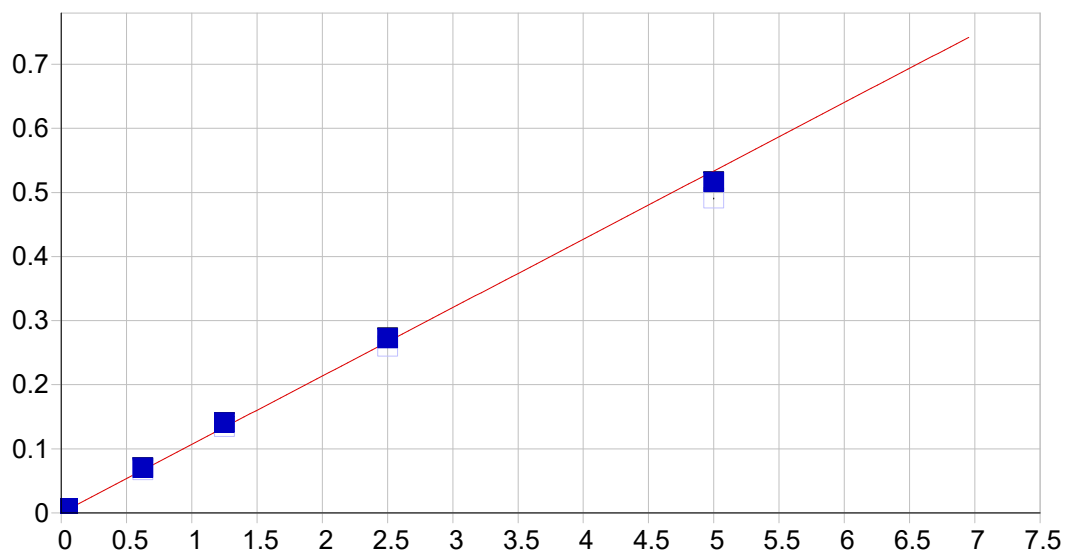


Na 818.326 { 41}

Date of Fit: 01/28/2020 14:55:17 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.006921 Re-Slope: 1.000000
 A1 (Gain): 0.004690 Y-int: 0.000000
 A2 (Curvature): -0.000000
 n (Exponent): 1.000000
 Correlation: 0.999781 Status: OK.
 Std Error of Est: 0.000328
 Predicted MDL: 0.214864
 Predicted MQL: 0.716213

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00142	-.001	.000	-.00693	.001	1
S1	5.0000	6.2581	1.26	25.2	.02242	.001	1
S2	37.500	38.348	.848	2.26	.17320	.001	1
S3	75.000	76.759	1.76	2.35	.35262	.002	1
S4	150.00	151.04	1.04	.695	.69680	.001	1
S5	300.00	292.56	-7.44	-2.48	1.3423	.005	1
S6	800.00	802.57	2.57	.321	3.5550	.168	1

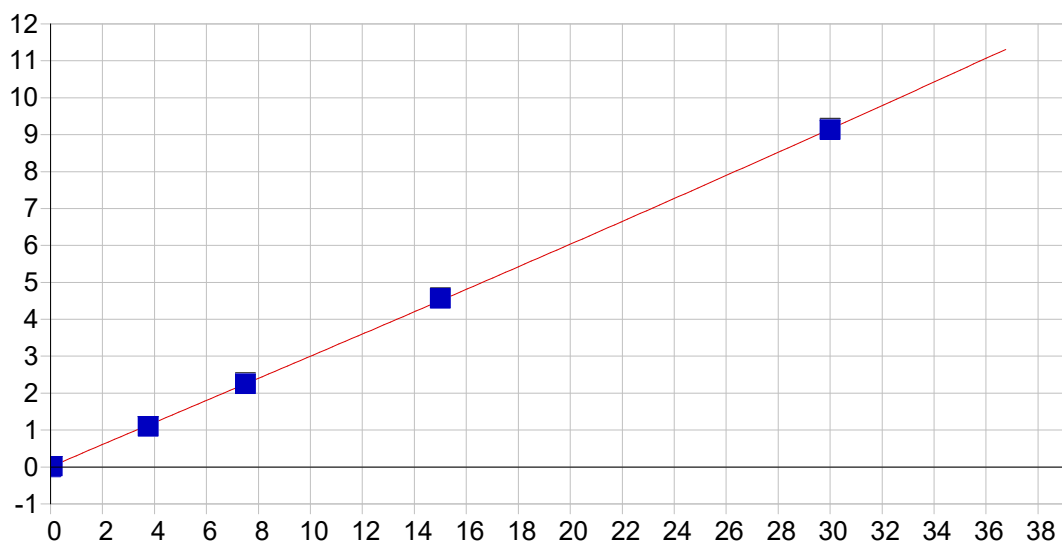


V 292.402 {115}

Date of Fit: 01/28/2020 14:55:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000177 Re-Slope: 1.000000
 A1 (Gain): 0.106718 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999143 Status: OK.
 Std Error of Est: 0.000112
 Predicted MDL: 0.002354
 Predicted MQL: 0.007846

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00018	.000	1
S1	.05000	.06227	.012	24.5	.00681	.000	1
S2	.62500	.65712	.032	5.14	.06711	.000	1
S3	1.2500	1.3169	.067	5.35	.13432	.000	1
S4	2.5000	2.5517	.052	2.07	.25970	.001	1
S5	5.0000	4.8364	-.164	-3.27	.49073	.001	1

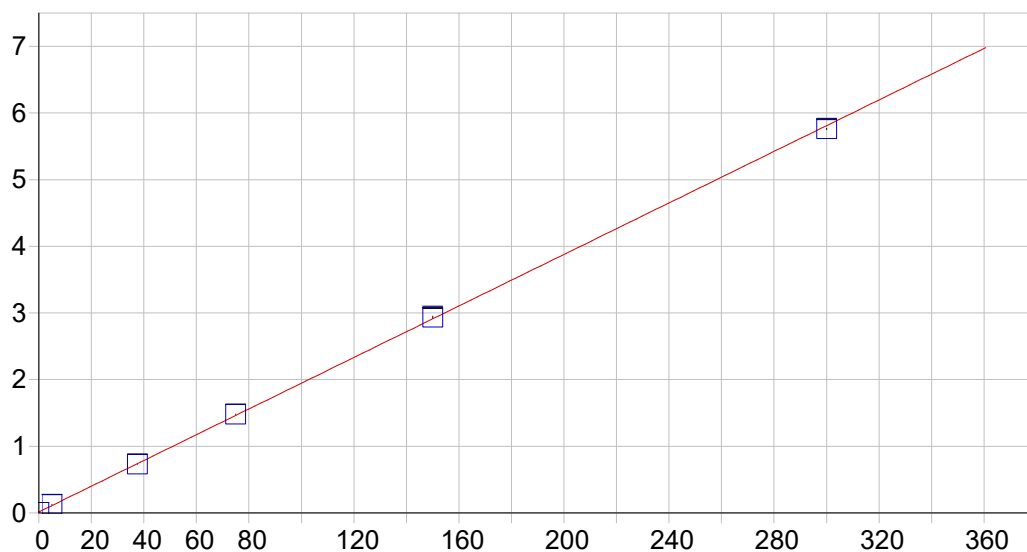


Zn 213.856 {158}

Date of Fit: 01/28/2020 14:55:17 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.000479 Re-Slope: 1.000000
 A1 (Gain): 0.307686 Y-int: 0.000000
 A2 (Curvature): 0.000674
 n (Exponent): 0.980000
 Correlation: 0.999893 Status: Warning Positive Curvature
 Std Error of Est: 0.000447
 Predicted MDL: 0.001837
 Predicted MQL: 0.006124

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00048	.000	1
S1	.06000	.07743	.017	29.0	.02465	.001	1
S2	3.7500	3.6218	-.128	-3.42	1.0959	.004	1
S3	7.5000	7.5077	.008	.103	2.2571	.022	1
S4	15.000	15.176	.176	1.17	4.5684	.012	1
S5	30.000	29.928	-.072	-.241	9.1449	.028	1

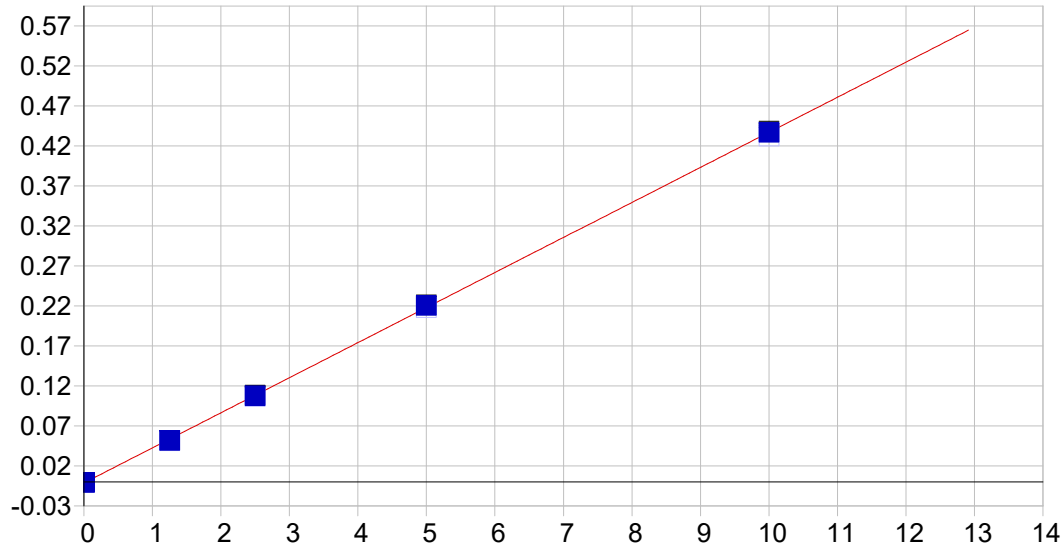


K 769.896 { 44 }

Date of Fit: 01/28/2020 14:55:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.013992	Re-Slope:	1.000000
A1 (Gain):	0.019322	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999826	Status:	OK.
Std Error of Est:	0.000743		
Predicted MDL:	0.057741		
Predicted MQL:	0.192470		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00088	-.001	.000	.01397	.000	1
S1	5.0000	5.8757	.876	17.5	.12752	.001	1
S2	37.500	37.102	-.398	-1.06	.73087	.003	1
S3	75.000	75.883	.883	1.18	1.4802	.003	1
S4	150.00	151.13	1.13	.755	2.9342	.017	1
S5	300.00	297.51	-2.49	-.831	5.7624	.009	1

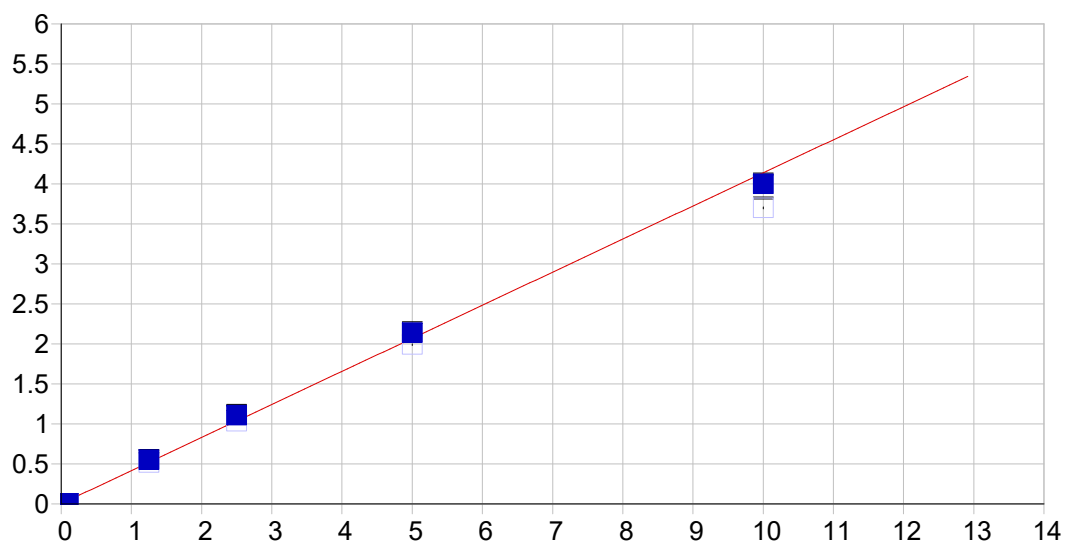


P 177.495 {490}

Date of Fit: 01/28/2020 14:55:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001324 Re-Slope: 1.000000
 A1 (Gain): 0.043851 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943 Status: OK.
 Std Error of Est: 0.000008
 Predicted MDL: 0.002176
 Predicted MQL: 0.007255

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00132	.000	1
S1	.01000	.01063	.001	6.25	-.00086	.000	1
S2	1.2500	1.2079	-.042	-3.37	.05103	.000	1
S3	2.5000	2.4887	-.011	-.452	.10658	.001	1
S4	5.0000	5.0543	.054	1.09	.21786	.001	1
S5	10.000	9.9984	-.002	-.016	.43220	.002	1

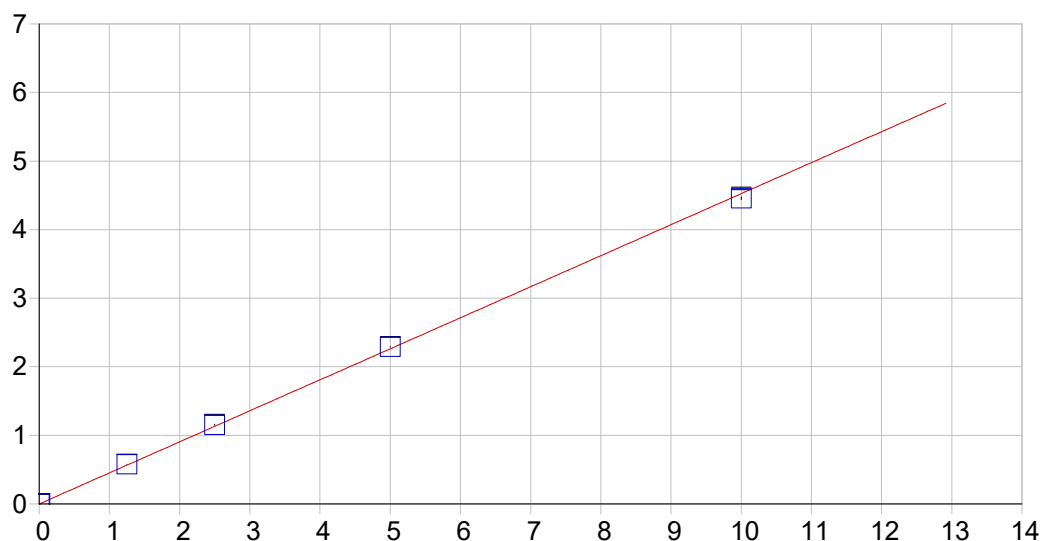


B 249.678 {135}

Date of Fit: 01/28/2020 14:55:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.002691	Re-Slope:	1.000000
A1 (Gain):	0.413488	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.996416	Status:	OK.
Std Error of Est:	0.001731		
Predicted MDL:	0.000812		
Predicted MQL:	0.002705		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	.00272	.000	1
S1	.10000	.00940	-.091	-90.6	.00649	.000	1
S2	1.2500	1.3323	.082	6.59	.51607	.004	1
S3	2.5000	2.6755	.176	7.02	1.0340	.010	1
S4	5.0000	5.1725	.172	3.45	1.9914	.010	1
S5	10.000	9.6672	-.333	-3.33	3.6999	.010	1

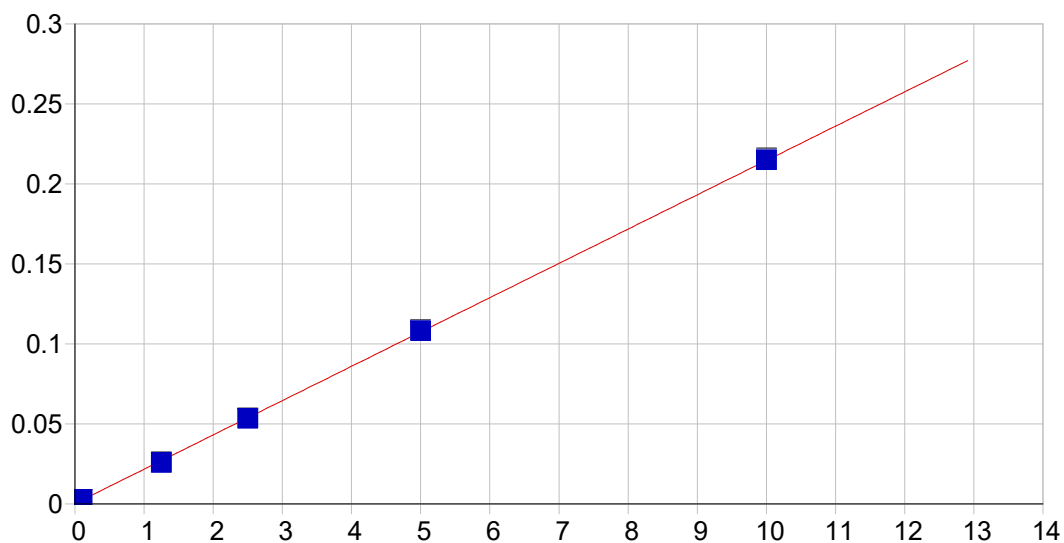


Mo 202.030 {467}

Date of Fit: 01/28/2020 14:55:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000349 Re-Slope: 1.000000
 A1 (Gain): 0.452351 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999858 Status: OK.
 Std Error of Est: 0.000128
 Predicted MDL: 0.000313
 Predicted MQL: 0.001042

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00035	.000	1
S1	.01000	.01258	.003	25.8	.00604	.000	1
S2	1.2500	1.2741	.024	1.93	.57671	.002	1
S3	2.5000	2.5519	.052	2.08	1.1547	.006	1
S4	5.0000	5.0687	.069	1.37	2.2932	.005	1
S5	10.000	9.8526	-.147	-1.47	4.4572	.019	1

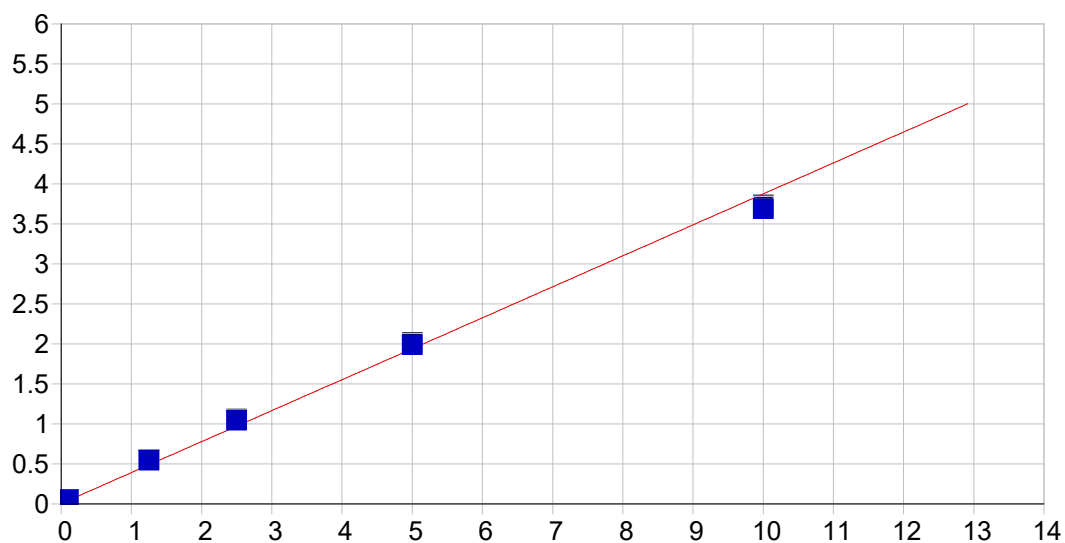


S 182.034 {485}

Date of Fit: 01/28/2020 14:55:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000250	Re-Slope:	1.000000
A1 (Gain):	0.021439	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999830	Status:	OK.
Std Error of Est:	0.000021		
Predicted MDL:	0.004130		
Predicted MQL:	0.013765		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00025	.000	1
S1	.10000	.11803	.018	18.0	.00278	.000	1
S2	1.2500	1.1922	-.058	-4.63	.02587	.000	1
S3	2.5000	2.4796	-.020	-.818	.05352	.000	1
S4	5.0000	5.0393	.039	.786	.10851	.000	1
S5	10.000	10.021	.021	.210	.21554	.001	1

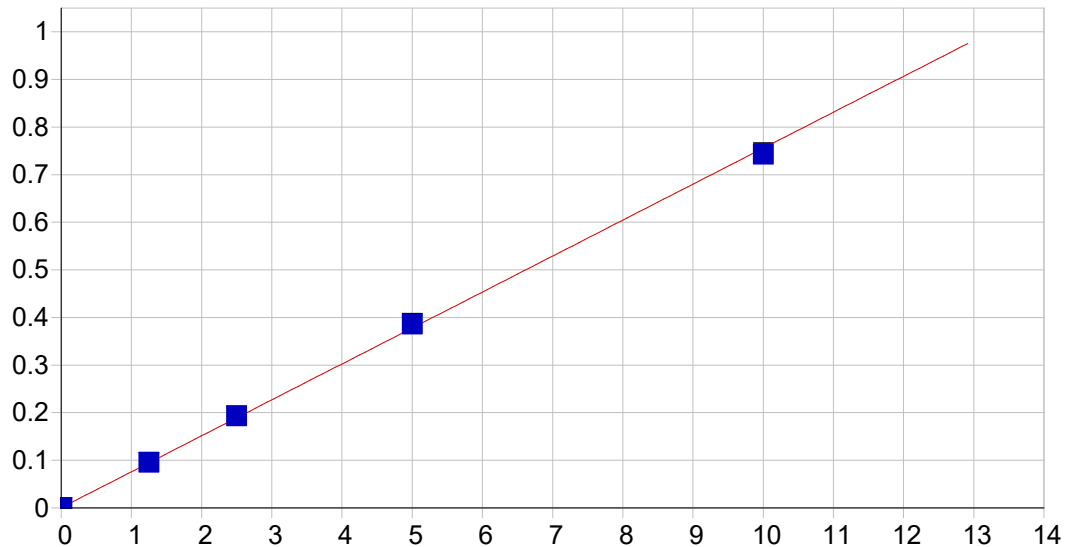


Si 251.611 {134}

Date of Fit: 01/28/2020 14:55:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004332 Re-Slope: 1.000000
 A1 (Gain): 0.387021 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998345 Status: OK.
 Std Error of Est: 0.001195
 Predicted MDL: 0.000875
 Predicted MQL: 0.002916

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.00432	.000	1
S1	.10000	.12170	.022	21.7	.05157	.001	1
S2	1.2500	1.3993	.149	11.9	.55016	.002	1
S3	2.5000	2.6877	.188	7.51	1.0531	.007	1
S4	5.0000	5.1285	.129	2.57	2.0063	.010	1
S5	10.000	9.5130	-.487	-4.87	3.7203	.014	1

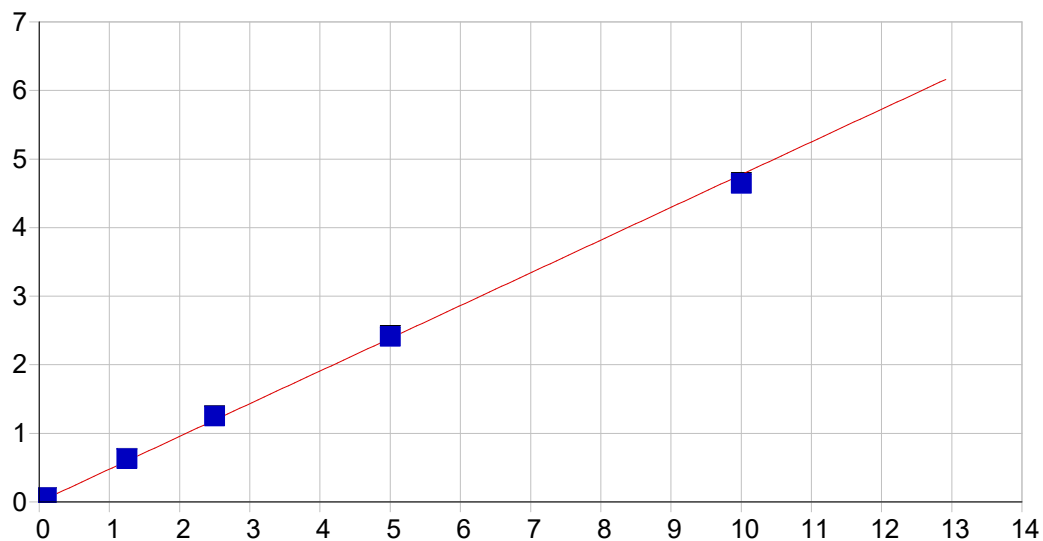


Sn 189.989 {478}

Date of Fit: 01/28/2020 14:55:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000385	Re-Slope:	1.000000
A1 (Gain):	0.075522	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999819	Status:	OK.
Std Error of Est:	0.000020		
Predicted MDL:	0.001119		
Predicted MQL:	0.003730		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00039	.000	1
S1	.00700	.00508	-.002	-27.4	.00075	.000	1
S2	1.2500	1.2609	.011	.870	.09541	.000	1
S3	2.5000	2.5534	.053	2.13	.19283	.001	1
S4	5.0000	5.1050	.105	2.10	.38514	.002	1
S5	10.000	9.8326	-.167	-1.67	.74140	.003	1

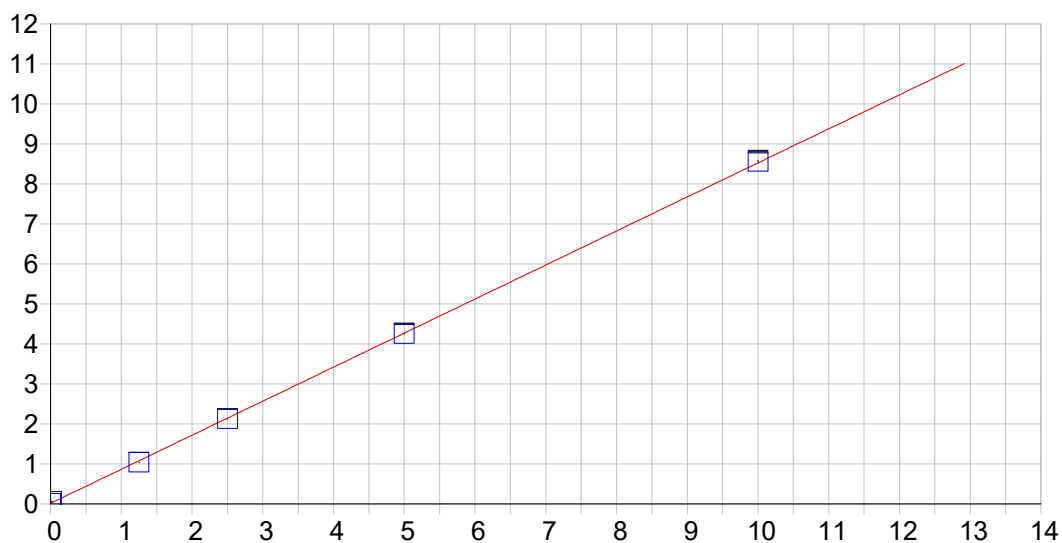


Ti 336.121 {100}

Date of Fit: 01/28/2020 14:55:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000556 Re-Slope: 1.000000
 A1 (Gain): 0.477138 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999394 Status: OK.
 Std Error of Est: 0.000883
 Predicted MDL: 0.000900
 Predicted MQL: 0.003000

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00054	.000	1
S1	.10000	.12371	.024	23.7	.05957	.000	1
S2	1.2500	1.3192	.069	5.53	.62978	.003	1
S3	2.5000	2.6176	.118	4.70	1.2491	.006	1
S4	5.0000	5.0575	.058	1.15	2.4129	.015	1
S5	10.000	9.7320	-.268	-2.68	4.6424	.012	1

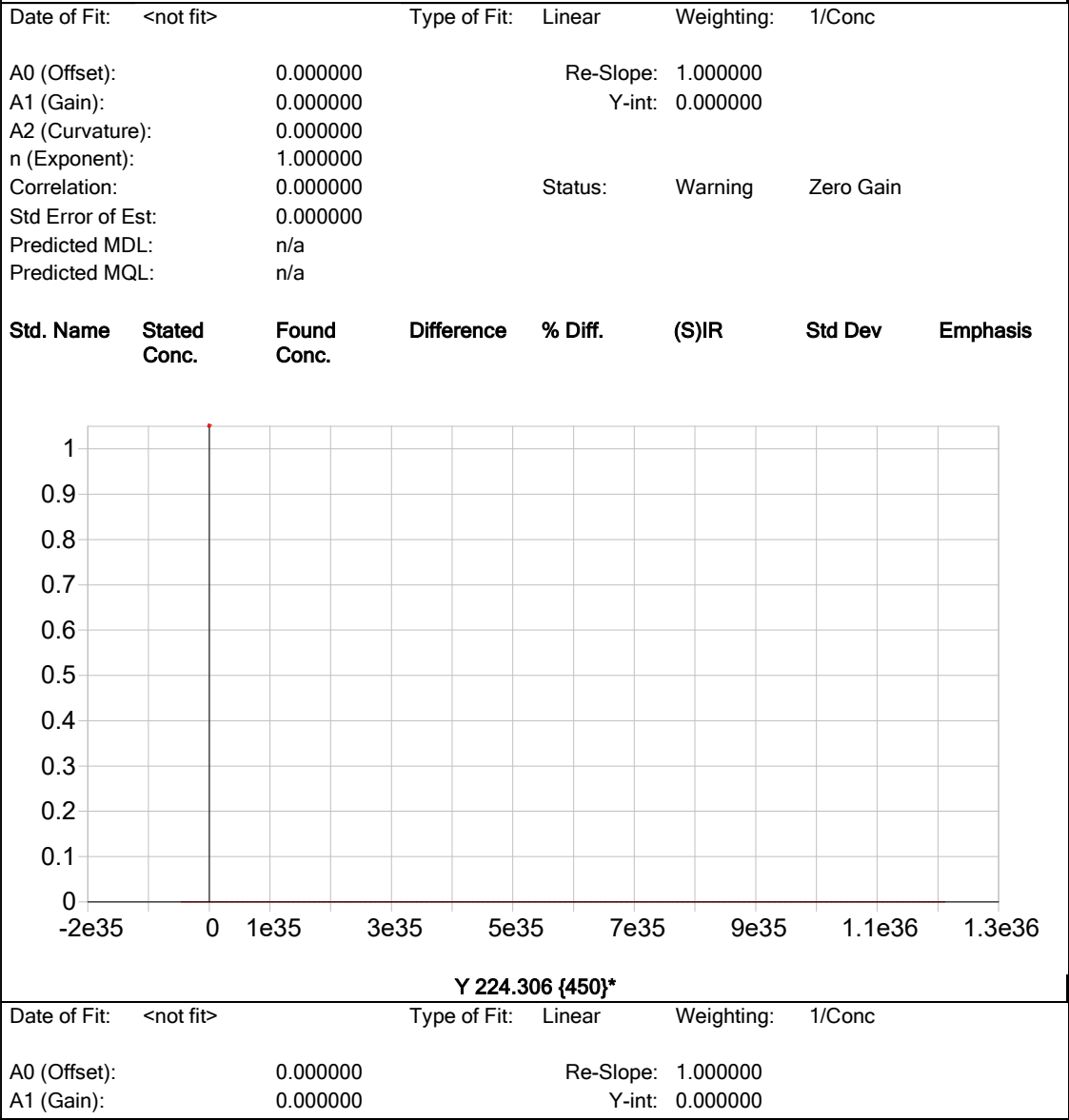
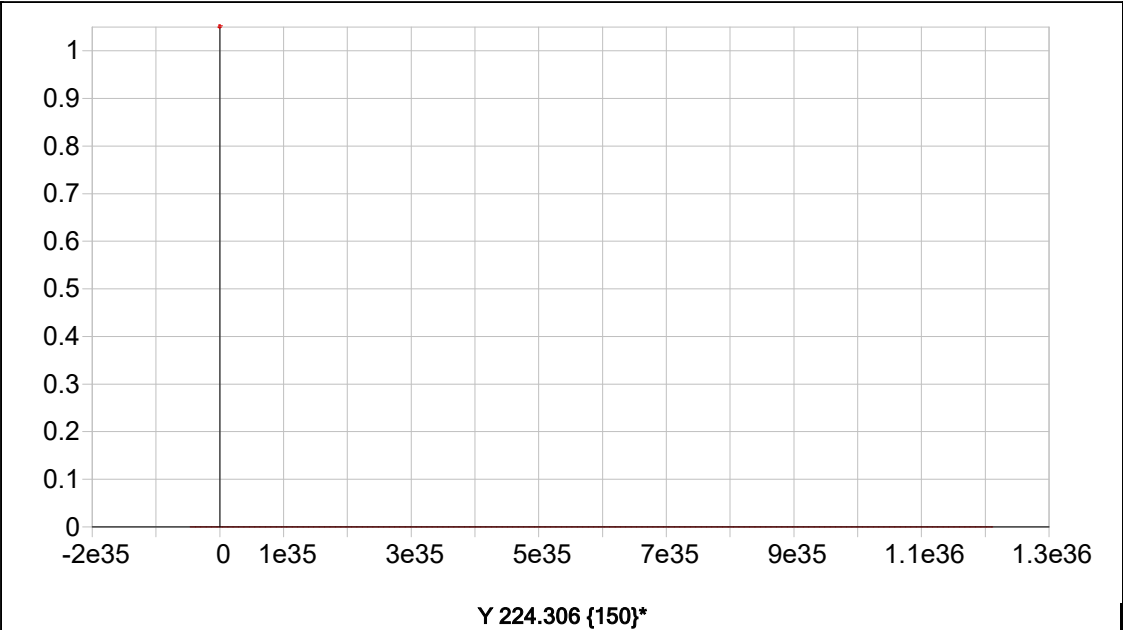


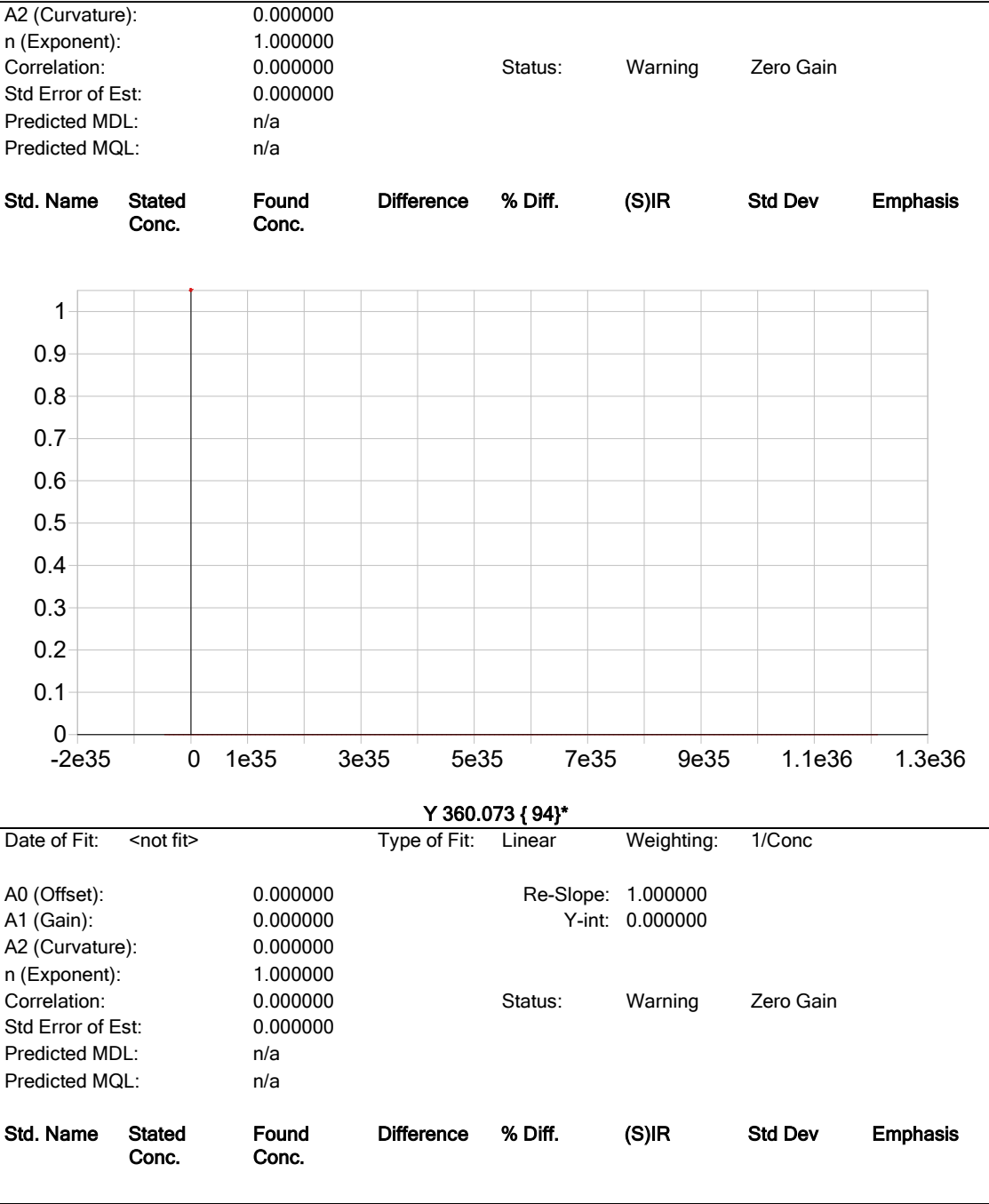
Li 670.784 { 50}

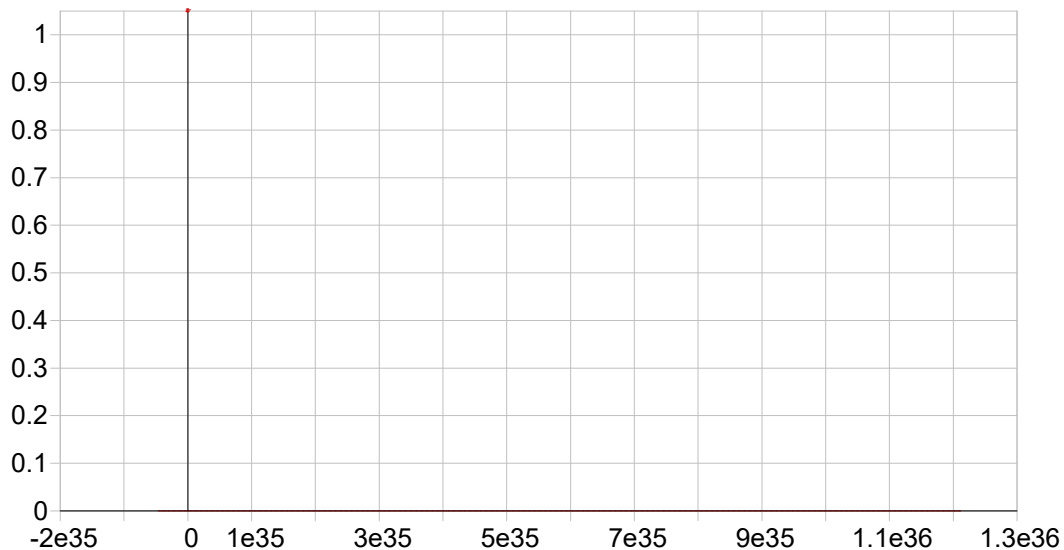
Date of Fit: 01/28/2020 14:55:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.015326 Re-Slope: 1.000000
 A1 (Gain): 0.851058 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997152 Status: OK.
 Std Error of Est: 0.001322
 Predicted MDL: 0.001302
 Predicted MQL: 0.004340

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.01529	.002	1
S5	10.000	10.041	.041	.408	8.5606	.029	1
S4	5.0000	4.9831	-.017	-.338	4.2562	.013	1
S3	2.5000	2.4804	-.020	-.783	2.1263	.004	1
S2	1.2500	1.2059	-.044	-3.53	1.0416	.002	1
S1	.01500	.05474	.040	265.	.06192	.001	1

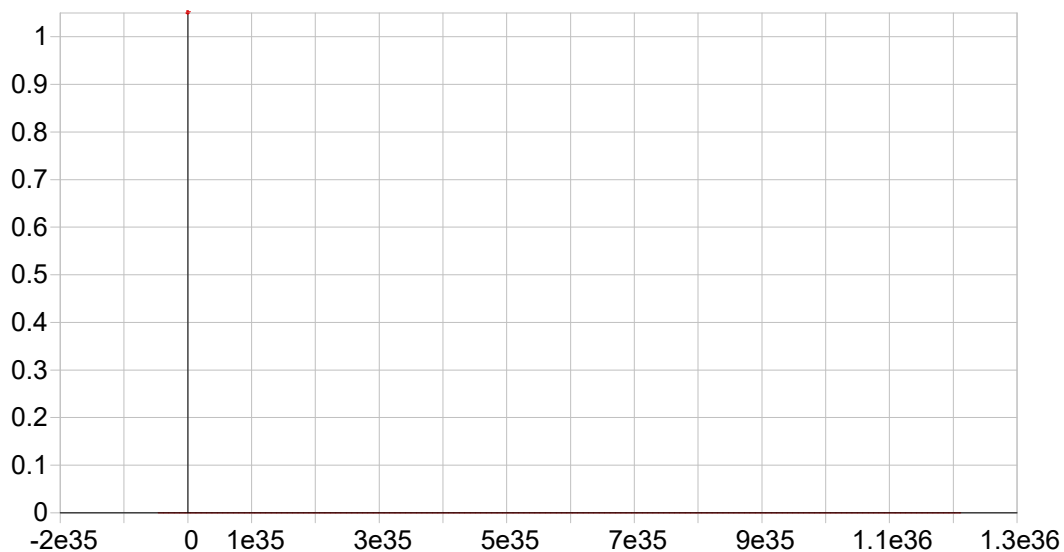




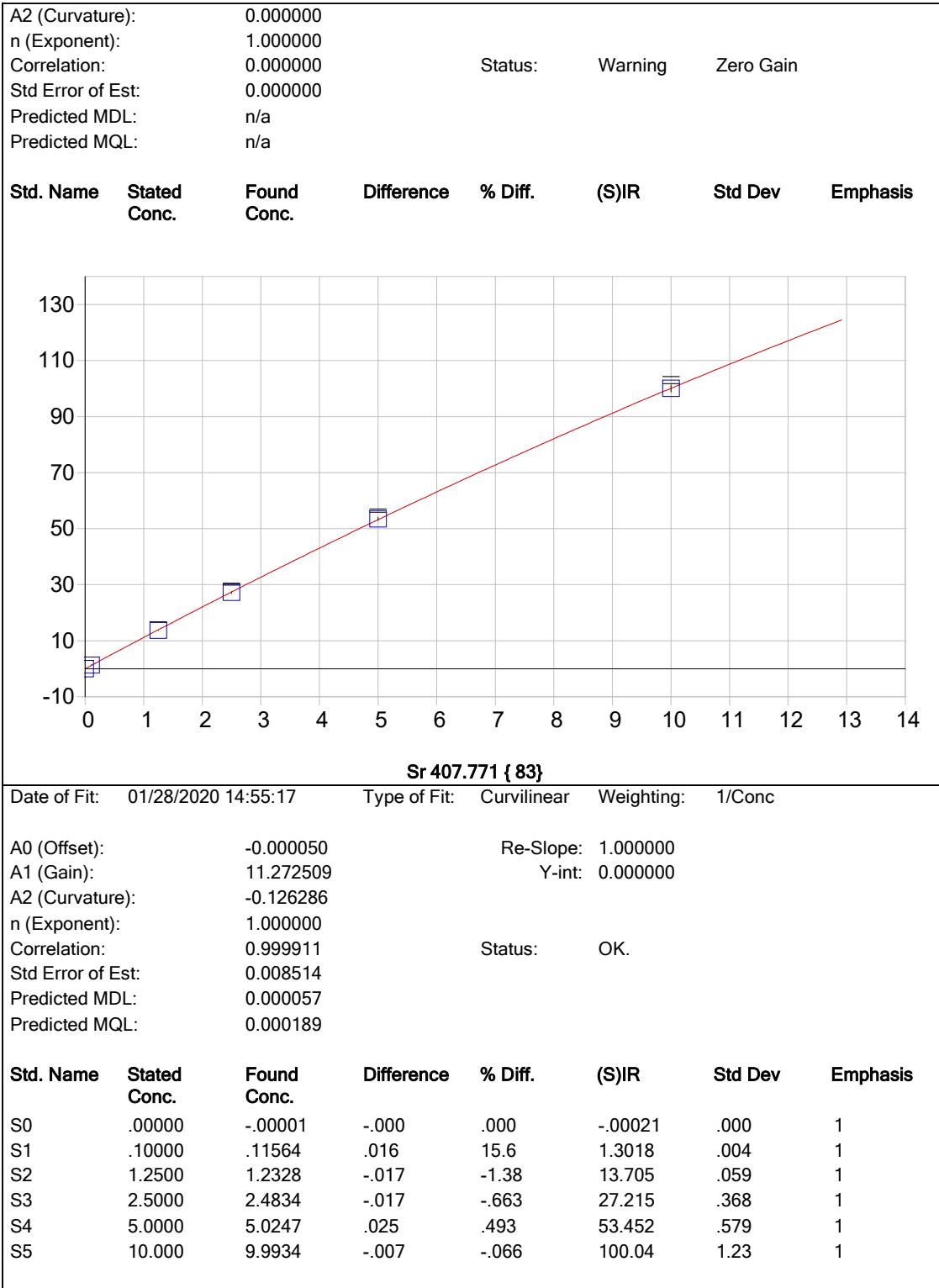


Y 371.030 { 91}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc		
A0 (Offset):	0.000000		Re-Slope:	1.000000			
A1 (Gain):	0.000000		Y-int:	0.000000			
A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.000000		Status:	Warning	Zero Gain		
Std Error of Est:	0.000000						
Predicted MDL:	n/a						
Predicted MQL:	n/a						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



In 230.606 {446}*



Sample Name: S0 Acquired: 01/28/2020 14:22:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) 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	-.00019	-.00052	.00051	.00062	.00027	.00367	.00179	-.00098
Stddev	.00008	.00003	.00004	.00006	.00010	.00041	.00056	.00007
%RSD	44.231	6.0364	6.9717	9.0738	37.778	11.081	31.419	6.6694

#1	-.00015	-.00050	.00053	.00066	.00027	.00404	.00131	-.00099
#2	-.00013	-.00055	.00052	.00065	.00037	.00373	.00165	-.00091
#3	-.00029	-.00049	.00047	.00056	.00017	.00324	.00241	-.00104

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	.00028	.00129	-.00000	.00042	.00438	.00509	.00687	-.00014
Stddev	.00017	.00023	.00001	.00014	.00033	.00043	.00018	.00003
%RSD	58.949	17.908	1177.4	34.470	7.6056	8.5012	2.6152	21.456

#1	.00009	.00150	-.00002	.00049	.00400	.00470	.00668	-.00016
#2	.00036	.00133	.00001	.00025	.00453	.00501	.00704	-.00011
#3	.00040	.00105	.00000	.00051	.00462	.00556	.00689	-.00015

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	-.00116	-.00103	-.00693	.00018	-.00048	.01397	-.00132	.00272
Stddev	.00010	.00006	.00064	.00012	.00039	.00044	.00005	.00014
%RSD	8.4403	5.3449	9.2250	69.801	81.302	3.1249	3.9368	4.9700

#1	-.00109	-.00097	-.00687	.00028	-.00045	.01447	-.00132	.00281
#2	-.00112	-.00106	-.00759	.00020	-.00089	.01383	-.00138	.00257
#3	-.00127	-.00107	-.00632	.00004	-.00011	.01363	-.00127	.00279

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	.00035	.00025	.00432	.00039	.00054	.01529	-.00021	
Stddev	.00007	.00005	.00028	.00009	.00017	.00172	.00042	
%RSD	20.971	21.631	6.6009	22.758	32.347	11.271	201.58	

#1	.00043	.00020	.00400	.00045	.00034	.01634	.00025	
#2	.00032	.00031	.00456	.00029	.00064	.01624	-.00056	
#3	.00029	.00025	.00438	.00041	.00065	.01330	-.00032	

Sample Name: S0 Acquired: 01/28/2020 14:22:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) 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	1921.2	4087.3	47731.	10428.	4677.3
Stddev	82.4	10.2	1891.	28.	5.1
%RSD	4.2885	.24900	3.9610	.27311	.10901
#1	1866.6	4080.8	46448.	10396.	4675.3
#2	2015.9	4099.0	49903.	10435.	4683.1
#3	1880.9	4082.0	46844.	10452.	4673.4

Sample Name: S1 Acquired: 01/28/2020 14:26:31 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) 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	.00012	.00129	.00300	.00275	.00968	.02232	.93666	.02305
Stddev	.00002	.00008	.00026	.00005	.00005	.00050	.00284	.00074
%RSD	17.704	6.3204	8.5820	1.6419	.49765	2.2179	.30304	3.2185
#1	.00013	.00119	.00321	.00279	.00969	.02206	.93507	.02228
#2	.00009	.00135	.00271	.00275	.00962	.02289	.93993	.02376
#3	.00013	.00132	.00309	.00270	.00972	.02201	.93497	.02311
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	.01475	.46135	.00210	.04945	.01003	.00846	.02057	.06439
Stddev	.00012	.00161	.00013	.00002	.00010	.00007	.00047	.00060
%RSD	.81306	.34849	6.1642	.05025	.94940	.81114	2.2615	.93233
#1	.01479	.46116	.00195	.04943	.01014	.00843	.02009	.06370
#2	.01484	.46305	.00217	.04943	.01001	.00842	.02102	.06468
#3	.01461	.45985	.00217	.04948	.00995	.00854	.02060	.06479
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	.03046	.00441	.02242	.00681	.02465	.12752	-.00086	.00649
Stddev	.00010	.00009	.00099	.00014	.00085	.00070	.00017	.00010
%RSD	.31862	2.0774	4.4214	2.1282	3.4428	.54729	19.470	1.4846
#1	.03035	.00448	.02129	.00667	.02468	.12796	-.00095	.00649
#2	.03050	.00445	.02316	.00696	.02549	.12789	-.00067	.00659
#3	.03053	.00431	.02280	.00681	.02379	.12672	-.00096	.00640
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	.00604	.00278	.05157	.00075	.05957	.06192	1.3018	
Stddev	.00015	.00010	.00112	.00007	.00024	.00077	.0040	
%RSD	2.4202	3.5830	2.1795	9.8012	.40527	1.2466	.30972	
#1	.00621	.00282	.05078	.00084	.05932	.06176	1.3015	
#2	.00596	.00267	.05286	.00071	.05980	.06276	1.3059	
#3	.00595	.00285	.05107	.00071	.05959	.06124	1.2979	

Sample Name: S1 Acquired: 01/28/2020 14:26:31 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) 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	1931.9	4112.7	47754.	10559.	4723.9
Stddev	16.3	9.0	509.	109.	9.3
%RSD	.84525	.21847	1.0652	1.0364	.19771
#1	1950.4	4103.5	48310.	10669.	4715.5
#2	1919.4	4113.3	47640.	10451.	4734.0
#3	1925.9	4121.4	47312.	10558.	4722.3

Sample Name: S2 Acquired: 01/28/2020 14:30:37 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) 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	.04197	.08002	1.2739	.06425	.16082	2.8684	9.6721	.49290
Stddev	.00013	.00036	.0013	.00076	.00052	.0139	.0091	.00208
%RSD	.31764	.45561	.10540	1.1887	.32333	.48592	.09443	.42251

#1	.04186	.08040	1.2749	.06425	.16060	2.8825	9.6811	.49276
#2	.04212	.07998	1.2744	.06501	.16141	2.8682	9.6628	.49505
#3	.04193	.07967	1.2724	.06348	.16045	2.8546	9.6725	.49090

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	1.4974	4.6418	.66071	.52119	.69626	1.1306	2.7809	.66797
Stddev	.0047	.0166	.00158	.00103	.00400	.0041	.0072	.00084
%RSD	.31214	.35811	.23965	.19719	.57473	.36653	.26002	.12501

#1	1.5010	4.6528	.66254	.52213	.70088	1.1325	2.7846	.66833
#2	1.4991	4.6499	.65984	.52136	.69387	1.1334	2.7856	.66857
#3	1.4921	4.6227	.65975	.52009	.69404	1.1258	2.7726	.66701

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	.39773	.14025	.17320	.06711	1.0959	.73087	.05103	.51607
Stddev	.00137	.00011	.00111	.00030	.0038	.00272	.00004	.00417
%RSD	.34368	.07683	.64143	.44604	.34469	.37262	.07358	.80855

#1	.39861	.14013	.17414	.06706	1.0959	.73395	.05102	.51429
#2	.39842	.14031	.17349	.06743	1.0920	.72879	.05100	.52084
#3	.39615	.14032	.17198	.06683	1.0996	.72987	.05107	.51309

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	.57671	.02587	.55016	.09541	.62978	1.0416	13.705
Stddev	.00181	.00024	.00246	.00026	.00298	.0023	.059
%RSD	.31456	.92206	.44713	.27155	.47336	.22000	.43352

#1	.57797	.02608	.54914	.09567	.62667	1.0399	13.732
#2	.57752	.02590	.55297	.09541	.63262	1.0442	13.745
#3	.57463	.02561	.54837	.09516	.63004	1.0408	13.636

Sample Name: S2 Acquired: 01/28/2020 14:30:37 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) 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	1845.8	3952.2	46707.	10517.	4419.4
Stddev	6.2	12.9	58.	62.	15.4
%RSD	.33572	.32659	.12493	.58564	.34881
#1	1850.6	3947.1	46691.	10512.	4408.6
#2	1848.1	3942.7	46771.	10458.	4412.6
#3	1838.8	3966.9	46658.	10581.	4437.1

Sample Name: S3 Acquired: 01/28/2020 14:34:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) 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	.08482	.15937	2.5692	.12552	.32209	5.8761	19.488	.96765
Stddev	.00050	.00065	.0198	.00066	.00221	.0133	.041	.00805
%RSD	.59203	.40840	.76863	.52229	.68493	.22588	.20855	.83207

#1	.08534	.16012	2.5899	.12621	.32444	5.8724	19.447	.97369
#2	.08479	.15891	2.5672	.12543	.32179	5.8908	19.528	.95851
#3	.08433	.15910	2.5506	.12491	.32006	5.8650	19.489	.97076

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	2.9972	9.1887	1.3155	1.0504	1.3839	2.2453	5.5244	1.3487
Stddev	.0221	.0086	.0013	.0067	.0037	.0027	.0027	.0019
%RSD	.73730	.09324	.09782	.64262	.26507	.12041	.04870	.13866

#1	3.0218	9.1800	1.3163	1.0573	1.3835	2.2446	5.5239	1.3474
#2	2.9910	9.1971	1.3140	1.0500	1.3877	2.2483	5.5273	1.3508
#3	2.9789	9.1891	1.3162	1.0438	1.3804	2.2431	5.5220	1.3479

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	.79880	.28245	.35262	.13432	2.2571	1.4802	.10658	1.0340
Stddev	.00431	.00065	.00156	.00028	.0222	.0034	.00069	.0098
%RSD	.54002	.22956	.44230	.20781	.98319	.22619	.64647	.94471

#1	.80371	.28200	.35095	.13464	2.2316	1.4838	.10729	1.0438
#2	.79709	.28217	.35403	.13419	2.2680	1.4797	.10592	1.0242
#3	.79561	.28320	.35287	.13413	2.2717	1.4771	.10653	1.0339

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	1.1547	.05352	1.0531	.19283	1.2491	2.1263	27.215
Stddev	.0062	.00014	.0073	.00095	.0055	.0038	.368
%RSD	.53401	.25580	.69468	.49119	.44324	.18011	1.3530

#1	1.1616	.05361	1.0603	.19389	1.2465	2.1230	27.636
#2	1.1527	.05336	1.0457	.19253	1.2453	2.1254	26.953
#3	1.1498	.05359	1.0532	.19207	1.2555	2.1305	27.057

Sample Name: S3 Acquired: 01/28/2020 14:34:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) 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	1750.7	3815.6	45664.	10392.	4194.0
Stddev	8.2	21.1	133.	72.	26.4
%RSD	.46809	.55416	.29175	.68927	.62995
#1	1756.5	3793.0	45756.	10313.	4164.5
#2	1754.3	3819.0	45725.	10454.	4202.1
#3	1741.3	3834.9	45511.	10408.	4215.4

Sample Name: S5 Acquired: 01/28/2020 14:42:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) 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	.33703	.58411	9.8520	.46381	1.2750	22.553	72.087	3.4510
Stddev	.00106	.00276	.0198	.00066	.0060	.102	1.070	.0114
%RSD	.31378	.47170	.20052	.14166	.46763	.45080	1.4842	.33142

#1	.33820	.58717	9.8741	.46428	1.2816	22.437	70.894	3.4612
#2	.33615	.58333	9.8361	.46306	1.2735	22.629	72.406	3.4531
#3	.33674	.58183	9.8458	.46410	1.2700	22.592	72.962	3.4387

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	11.215	32.382	4.6310	4.0080	5.1566	7.9975	19.891	5.1186
Stddev	.044	.135	.0460	.0125	.0087	.0290	.060	.0046
%RSD	.38995	.41593	.99364	.31209	.16953	.36297	.29919	.08960

#1	11.265	32.528	4.6079	4.0220	5.1667	8.0311	19.959	5.1235
#2	11.193	32.355	4.6012	3.9978	5.1519	7.9809	19.866	5.1144
#3	11.187	32.263	4.6840	4.0043	5.1511	7.9807	19.847	5.1178

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	3.0036	1.0830	1.3423	.49073	9.1449	5.7624	.43220	3.6999
Stddev	.0126	.0026	.0046	.00077	.0285	.0091	.00151	.0102
%RSD	.41853	.24296	.34654	.15720	.31149	.15772	.34883	.27626

#1	3.0181	1.0856	1.3472	.49124	9.1758	5.7591	.43390	3.6962
#2	2.9972	1.0829	1.3417	.48984	9.1392	5.7554	.43101	3.7114
#3	2.9956	1.0804	1.3379	.49110	9.1196	5.7726	.43170	3.6920

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.4572	.21554	3.7203	.74140	4.6424	8.5606	100.04
Stddev	.0187	.00067	.0141	.00290	.0122	.0295	1.23
%RSD	.42043	.31075	.37870	.39102	.26319	.34432	1.2306

#1	4.4784	.21612	3.7261	.74474	4.6564	8.5945	101.09
#2	4.4504	.21569	3.7306	.73987	4.6371	8.5465	100.35
#3	4.4428	.21481	3.7042	.73958	4.6338	8.5409	98.684

Sample Name: S5 Acquired: 01/28/2020 14:42:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) 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	1517.4	3352.7	43881.	10297.	3619.6
Stddev	12.0	11.9	185.	19.	10.3
%RSD	.78983	.35607	.42090	.18564	.28505
#1	1508.7	3339.5	43670.	10276.	3607.7
#2	1512.3	3356.1	43962.	10302.	3625.3
#3	1531.0	3362.7	44012.	10313.	3625.9

Sample Name: S4 Acquired: 01/28/2020 14:38:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) 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	.17073	.31028	5.1259	.24381	.64302	11.692	37.678	1.8503
Stddev	.00076	.00094	.0090	.00043	.00008	.039	.344	.0071
%RSD	.44553	.30187	.17478	.17744	.01185	.33203	.91299	.38584

#1	.16989	.30924	5.1160	.24345	.64308	11.659	37.323	1.8509
#2	.17090	.31105	5.1283	.24429	.64293	11.682	38.010	1.8571
#3	.17138	.31057	5.1334	.24369	.64305	11.735	37.701	1.8429

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	5.8948	17.589	2.5082	2.0854	2.6829	4.2837	10.612	2.6509
Stddev	.0143	.045	.0037	.0042	.0106	.0063	.017	.0042
%RSD	.24213	.25688	.14673	.20173	.39531	.14602	.16377	.15959

#1	5.8798	17.567	2.5110	2.0816	2.6907	4.2884	10.595	2.6464
#2	5.8963	17.641	2.5041	2.0847	2.6708	4.2862	10.630	2.6515
#3	5.9083	17.560	2.5097	2.0899	2.6871	4.2766	10.611	2.6548

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	1.5716	.55909	.69680	.25970	4.5684	2.9342	.21786	1.9914
Stddev	.0038	.00164	.00115	.00069	.0117	.0170	.00102	.0098
%RSD	.24006	.29318	.16553	.26612	.25574	.57970	.46672	.49289

#1	1.5673	.55834	.69570	.25922	4.5574	2.9403	.21670	1.9874
#2	1.5738	.56097	.69670	.25939	4.5806	2.9149	.21861	2.0026
#3	1.5738	.55796	.69800	.26049	4.5673	2.9473	.21825	1.9843

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.2932	.10851	2.0063	.38514	2.4129	4.2562	53.452
Stddev	.0050	.00027	.0101	.00217	.0148	.0126	.579
%RSD	.21690	.25108	.50159	.56242	.61516	.29535	1.0831

#1	2.2899	.10820	2.0081	.38350	2.4046	4.2501	52.797
#2	2.2907	.10872	2.0153	.38433	2.4300	4.2707	53.665
#3	2.2989	.10861	1.9955	.38760	2.4040	4.2479	53.895

Sample Name: S4 Acquired: 01/28/2020 14:38:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) 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	1646.8	3582.9	44774.	10329.	3887.0
Stddev	5.5	9.2	158.	24.	8.7
%RSD	.33637	.25813	.35284	.23666	.22374
#1	1653.2	3589.0	44951.	10355.	3895.4
#2	1644.4	3587.4	44724.	10307.	3887.6
#3	1642.9	3572.2	44648.	10325.	3878.0

Sample Name: ICV Acquired: 01/28/2020 14:51:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) 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	.9561738	1.051827	.9821739	1.042202	.9995563	2.381988
Stddev	.0073782	.002794	.0023190	.000860	.0058834	.022029
%RSD	.7716394	.2656145	.2361118	.0824904	.5885982	.9247970

#1	.9508492	1.054046	.9825593	1.043028	.9936303	2.398763
#2	.9530764	1.052746	.9842761	1.042265	.9996427	2.357042
#3	.9645958	1.048690	.9796863	1.041312	1.005396	2.390159

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5226449	.5139779	.5144370	10.48015	.4935283	.5042110
Stddev	.0023776	.0021694	.0003494	.01958	.0010117	.0004369
%RSD	.4549193	.4220792	.0679215	.1868307	.2050022	.0866582

#1	.5239796	.5143164	.5146141	10.50096	.4941081	.5046992
#2	.5198998	.5116591	.5140345	10.46209	.4941167	.5038568
#3	.5240553	.5159581	.5146624	10.47739	.4923600	.5040768

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5170463	10.19512	.4787941	5.968065	.5152712	.2435854
Stddev	.0054006	.06551	.0002486	.005341	.0008920	.0005750
%RSD	1.044511	.6425943	.0519226	.0894970	.1731126	.2360659

#1	.5209173	10.21214	.4790052	5.963393	.5157265	.2432901
#2	.5108767	10.12278	.4785201	5.973888	.5142434	.2432180
#3	.5193450	10.25044	.4788570	5.966914	.5158437	.2442481

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.898221	.5181067	1.084365	9.443700	F -.003153	F .0076036
Stddev	.271325	.0038581	.006073	.099920	.000979	.0002699
%RSD	2.741153	.7446558	.5600903	1.058062	31.05312	3.549563

#1	10.17242	.5214233	1.078547	9.555683	-.004041	.0078682
#2	9.89238	.5138725	1.083884	9.363648	-.003316	.0076138
#3	9.62986	.5190241	1.090665	9.411768	-.002103	.0073287

Sample Name: ICV Acquired: 01/28/2020 14:51:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) 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 .0004910	F .0043869	F .0031791	F -.000021	F -.000290	F .0121721
Stddev	.0000928	.0021067	.0004794	.001548	.000560	.0009759
%RSD	18.90458	48.02200	15.08095	7464.865	193.2417	8.017558

#1	.0005549	.0066705	.0036603	.001698	.000275	.0131099
#2	.0005336	.0039710	.0027014	-.001304	-.000845	.0122442
#3	.0003846	.0025192	.0031757	-.000457	-.000299	.0111621

Elem	Sr4077
Units	ppm
Avg	F .0010907
Stddev	.0000137
%RSD	1.252583

#1	.0010805
#2	.0010855
#3	.0011062

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1919.988	4126.712	48035.00	10787.70	4736.078
Stddev	6.650	5.870	31.74	49.41	11.252
%RSD	.3463691	.1422558	.0660870	.4580196	.2375791

#1	1922.588	4121.094	47998.38	10730.71	4726.543
#2	1924.946	4126.235	48051.94	10813.75	4733.202
#3	1912.431	4132.806	48054.69	10818.63	4748.489

Sample Name: S6 Acquired: 01/28/2020 14:46:49 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) 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	57.772	54.504	20.104	8.1930	3.5550
Stddev	2.633	2.157	.837	.4155	.1682
%RSD	4.5580	3.9572	4.1637	5.0710	4.7313

#1	54.788	52.014	19.140	7.7135	3.3614
#2	58.759	55.725	20.536	8.4458	3.6648
#3	59.769	55.773	20.638	8.4198	3.6388

Int. Std.	Y_3710
Units	Cts/S
Avg	10353.
Stddev	452.
%RSD	4.3692

#1	10875.
#2	10097.
#3	10086.

Sample Name: ICB Acquired: 01/28/2020 14:56:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) 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	.0001647	-.000371	-.000034	-.001058	.0012635	-.006889	.0010498
Stddev	.0028720	.000669	.000781	.003124	.0016820	.000963	.0000806
%RSD	1743.359	180.2411	2330.008	295.3039	133.1287	13.98608	7.679890

#1	.0030892	-.001107	-.000247	-.004617	.0031887	-.006059	.0009644
#2	.0000568	.000201	-.000685	.001232	.0005230	-.006662	.0010605
#3	-.002652	-.000208	.000832	.000212	.0000787	-.007945	.0011246

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001088	-.000036	.0027812	-.000011	-.000028	.0162084	.0587927
Stddev	.0000340	.000046	.0062744	.000347	.000173	.0008042	.0065362
%RSD	31.29082	125.7374	225.5963	3041.143	626.1312	4.961864	11.11742

#1	.0001419	-.000075	.0048490	.000360	.000171	.0159271	.0521327
#2	.0000739	.000014	-.004266	-.000326	-.000114	.0171155	.0651977
#3	.0001104	-.000049	.007761	-.000068	-.000140	.0155826	.0590478

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012507	.0121620	-.000076	.0000278	-.056548	-.000243	.0019891
Stddev	.0002058	.0294043	.000032	.0002724	.124590	.001633	.0006962
%RSD	16.45214	241.7710	42.01848	980.2964	220.3250	672.0670	34.99874

#1	.0010134	-.008166	-.000053	-.000182	-.144207	-.002117	.0013230
#2	.0013796	.045878	-.000112	-.000070	-.111509	.000513	.0019324
#3	.0013591	-.001226	-.000063	.000336	.086072	.000875	.0027119

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1115051	-.000895	.0029779	.0000867	.0025708	-.001864	-.000173
Stddev	.0079995	.000387	.0006749	.0002856	.0010876	.000406	.001955
%RSD	7.174092	43.25084	22.66347	329.4945	42.30460	21.79530	1132.256

#1	.1118192	-.000511	.0037572	.0004083	.0026480	-.001492	.002076
#2	.1193429	-.001285	.0025960	-.000011	.0014467	-.001803	-.001470
#3	.1033532	-.000887	.0025806	-.000138	.0036178	-.002298	-.001124

Sample Name: ICB Acquired: 01/28/2020 14:56:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) 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	-.000068	.0088908	.0000141
Stddev	.000923	.0014957	.0000257
%RSD	1359.648	16.82305	182.5878

#1	.000908	.0071964	.0000404
#2	-.000185	.0100277	-.000011
#3	-.000927	.0094483	.000013

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1898.534	4101.654	47172.94	10539.00	4696.251
Stddev	8.453	10.122	203.57	20.79	6.357
%RSD	.4452561	.2467673	.4315404	.1972202	.1353650

#1	1894.958	4095.255	47358.64	10524.44	4688.984
#2	1908.188	4113.323	47204.90	10562.81	4700.783
#3	1892.456	4096.385	46955.28	10529.77	4698.987

Sample Name: ICSA Acquired: 01/28/2020 15:34:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002737	.0024591	.0022362	.0033346	.0007919	239.3749	.0056843
Stddev	.002822	.0048961	.0027112	.0022294	.0009191	.9005	.0001162
%RSD	103.0936	199.0958	121.2419	66.85596	116.0630	.3762011	2.044727

#1	-.004974	-.000901	.0053472	.0056771	.0018426	239.7733	.0056622
#2	.000433	.000202	.0009832	.0012388	.0003964	240.0074	.0055807
#3	-.003671	.008077	.0003781	.0030881	.0001368	238.3438	.0058100

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013221	.0011518	255.2052	.0525076	.0001635	-.004355	95.61015
Stddev	.0000525	.0000357	.5658	.0010062	.0002364	.002123	.32149
%RSD	3.970122	3.095631	.2217079	1.916335	144.5541	48.74739	.3362480

#1	.0012868	.0011209	255.8550	.0521281	-.000014	-.006772	95.74114
#2	.0012972	.0011437	254.9392	.0536483	.000073	-.003497	95.84546
#3	.0013824	.0011909	254.8214	.0517463	.000432	-.002795	95.24385

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087089	253.4149	-.001527	-.001865	-.269035	.0026138	.0011606
Stddev	.0002760	.5975	.000252	.000269	.058072	.0005295	.0022549
%RSD	3.168684	.2357925	16.50582	14.40251	21.58539	20.25875	194.2925

#1	.0084517	253.5848	-.001278	-.002039	-.262936	.0031689	-.001270
#2	.0086746	253.9091	-.001782	-.002000	-.214253	.0021143	.003185
#3	.0090004	252.7508	-.001521	-.001556	-.329917	.0025580	.001567

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.055358	.0081712	-.011759	-.000576	-.003847	-.005850	-.005386
Stddev	.015287	.0018314	.001094	.000375	.004151	.000604	.001112
%RSD	27.61521	22.41217	9.305783	65.00534	107.8932	10.32393	20.64613

#1	-.040799	.0073937	-.012761	-.000267	-.007092	-.005174	-.004411
#2	-.071281	.0102630	-.011925	-.000468	.000830	-.006336	-.006598
#3	-.053993	.0068569	-.010591	-.000993	-.005280	-.006041	-.005151

Sample Name: ICSA Acquired: 01/28/2020 15:34:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002025	.0019740	.0930095
Stddev	.000534	.0021120	.0004773
%RSD	26.36054	106.9882	.5131259

#1	-.001685	.0035750	.0928105
#2	-.002640	-.000420	.0926639
#3	-.001750	.002767	.0935540

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1813.497	3875.141	46054.44	10585.41	4148.492
Stddev	20.345	9.728	199.76	8.71	8.653
%RSD	1.121884	.2510370	.4337369	.0822961	.2085820

#1	1811.775	3865.720	46008.82	10589.22	4141.798
#2	1834.648	3874.552	46273.06	10591.57	4145.414
#3	1794.066	3885.150	45881.44	10575.45	4158.263

Sample Name: ICSAB Acquired: 01/28/2020 15:38:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0885138	.1075697	.0484849	.0498902	.5580791	232.3275	.4976507
Stddev	.0035163	.0020018	.0023365	.0038437	.0076985	2.0246	.0051391
%RSD	3.972567	1.860920	4.819067	7.704347	1.379465	.8714505	1.032673

#1	.0881471	.1055612	.0508428	.0539771	.5627717	234.6372	.5035334
#2	.0921991	.1095647	.0461703	.0463477	.5622713	230.8594	.4940346
#3	.0851953	.1075832	.0484417	.0493459	.5491944	231.4859	.4953840

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4762781	.9578776	246.5539	.4807117	.4734959	.4387657	92.94410
Stddev	.0045887	.0075907	2.0400	.0103243	.0034184	.0058534	.70951
%RSD	.9634451	.7924533	.8274004	2.147713	.7219411	1.334051	.7633757

#1	.4815350	.9637638	248.9068	.4839249	.4765806	.4447436	93.72580
#2	.4730754	.9605590	245.4750	.4691628	.4740863	.4330454	92.34085
#3	.4742239	.9493101	245.2800	.4890473	.4698208	.4385080	92.76564

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4453786	245.4259	.9402753	.1911868	-.389528	.4808273	1.052823
Stddev	.0023925	1.7438	.0063311	.0052170	.175614	.0057386	.031893
%RSD	.5371763	.7105068	.6733252	2.728727	45.08384	1.193484	3.029242

#1	.4480799	247.3896	.9461139	.1917851	-.491397	.4853309	1.050439
#2	.4445290	244.0585	.9411659	.1856965	-.490440	.4827848	1.022189
#3	.4435268	244.8295	.9335460	.1960788	-.186747	.4743660	1.085840

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.101973	.0016431	-.010965	.0002481	.0006644	-.005127	-.005890
Stddev	.064911	.0039720	.000413	.0004007	.0040337	.001130	.001130
%RSD	63.65580	241.7432	3.765407	161.5274	607.0828	22.04871	19.19355

#1	-.138501	.0023675	-.010525	-.000201	.0049171	-.006002	-.007061
#2	-.027027	-.002641	-.011343	.000376	-.003107	-.003851	-.004805
#3	-.140389	.005203	-.011028	.000569	.000183	-.005529	-.005804

Sample Name: ICSAB Acquired: 01/28/2020 15:38:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002448	-.001168	.0893664
Stddev	.000325	.001309	.0007508
%RSD	13.28443	112.0451	.8400760

#1	-.002725	-.000200	.0901868
#2	-.002090	-.002657	.0891986
#3	-.002528	-.000646	.0887137

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1807.611	3878.432	46162.63	10534.07	4156.017
Stddev	48.676	27.781	1256.64	116.70	28.794
%RSD	2.692830	.7162879	2.722210	1.107787	.6928347

#1	1791.053	3857.429	45822.68	10404.88	4134.050
#2	1862.406	3867.934	47554.27	10565.51	4145.387
#3	1769.375	3909.931	45110.93	10631.83	4188.616

Sample Name: CCV032 Acquired: 01/28/2020 15:42:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV032 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.774379	4.814315	24.38880	4.708530	4.762582	406.6505	9.799127
Stddev	.037292	.022315	.04308	.039612	.035662	3.7550	.069520
%RSD	.7810774	.4635079	.1766477	.8412781	.7488051	.9234068	.7094490

#1	4.743544	4.793830	24.34532	4.671557	4.729651	402.3360	9.730664
#2	4.763767	4.811022	24.38963	4.703696	4.757637	408.4354	9.869657
#3	4.815827	4.838094	24.43147	4.750337	4.800459	409.1803	9.797060

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4722225	2.448586	410.5527	14.48412	2.468351	14.71859	416.0649
Stddev	.0033287	.005708	1.9614	.00877	.004921	.13009	1.4509
%RSD	.7048972	.2331026	.4777360	.0605200	.1993500	.8838150	.3487200

#1	.4726696	2.443187	408.9846	14.47413	2.463217	14.76579	415.9821
#2	.4753051	2.448012	412.7519	14.48775	2.468808	14.81848	417.5555
#3	.4686929	2.454559	409.9216	14.49050	2.473027	14.57149	414.6572

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.08695	416.5426	2.434231	1.235185	412.3319	2.426508	14.62400
Stddev	.04197	2.0569	.008257	.005690	3.3166	.013210	.17375
%RSD	.2979105	.4938130	.3392023	.4606688	.8043573	.5444120	1.188116

#1	14.05078	416.0817	2.425922	1.241537	411.6120	2.423373	14.80211
#2	14.13296	418.7909	2.434334	1.233462	415.9493	2.441003	14.61491
#3	14.07710	414.7552	2.442435	1.230555	409.4343	2.415147	14.45497

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	148.1923	4.969935	4.908887	4.748791	4.970987	4.834655	4.920353
Stddev	1.0657	.010843	.033955	.031993	.026441	.034884	.010131
%RSD	.7191611	.2181740	.6917121	.6737055	.5319099	.7215417	.2059015

#1	148.2774	4.963430	4.895777	4.720026	4.941027	4.835664	4.909019
#2	149.2130	4.963923	4.947443	4.743101	4.980873	4.869023	4.928528
#3	147.0866	4.982452	4.883440	4.783248	4.991060	4.799277	4.923513

Sample Name: CCV032 Acquired: 01/28/2020 15:42:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV032 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.853104	5.033709	4.825213
Stddev	.023945	.008768	.083053
%RSD	.4933945	.1741832	1.721234

#1	4.848994	5.023950	4.779358
#2	4.831480	5.036255	4.775196
#3	4.878838	5.040923	4.921084

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1627.786	3537.624	44328.44	10324.44	3688.517
Stddev	12.067	19.856	176.16	41.92	6.841
%RSD	.7413126	.5612873	.3973987	.4059877	.1854780

#1	1616.316	3555.459	44131.39	10359.45	3695.570
#2	1626.671	3541.185	44470.68	10277.99	3688.070
#3	1640.373	3516.228	44383.25	10335.88	3681.910

Sample Name: CCB032 Acquired: 01/28/2020 15:47:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB032 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000438	.0009144	.0001280	.0001613	.0012446	.0022782	.0011613
Stddev	.000750	.0012953	.0009542	.0021661	.0003511	.0082842	.0001647
%RSD	171.3647	141.6608	745.3590	1343.098	28.21319	363.6353	14.18510

#1	.000403	-.000443	.0010562	.0025866	.0016491	.0020817	.0013145
#2	-.000677	.001050	-.000850	-.001581	.0010191	.0106589	.0011825
#3	-.001040	.002137	.000178	-.000522	.0010655	-.005906	.0009870

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000697	-.000028	.0084278	.0003043	.0000495	.0233662	.0639449
Stddev	.0000323	.000076	.0055153	.0002514	.0002993	.0033676	.0061703
%RSD	46.35261	271.0334	65.44238	82.59895	605.3002	14.41208	9.649319

#1	.0000342	-.000114	.0112100	.0005508	.0003687	.0265489	.0579171
#2	.0000776	.000004	.0119978	.0003138	.0000044	.0237097	.0636693
#3	.0000973	.000026	.0020755	.0000484	-.000225	.0198401	.0702483

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001017	-.003342	-.000055	.0001157	.0822970	-.000483	.0036244
Stddev	.000229	.003109	.000165	.0002442	.0616804	.001064	.0001531
%RSD	22.48106	93.03000	301.7878	211.0624	74.94849	220.4085	4.224570

#1	-.001220	-.006013	.000127	-.000108	.1173132	-.001471	.0037979
#2	-.001063	-.004084	-.000197	.000079	.1185000	.000643	.0035668
#3	-.000769	.000071	-.000094	.000376	.0110780	-.000620	.0035084

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0742213	.0019907	.0055679	.0008865	.0016369	-.002372	.0002054
Stddev	.0546623	.0010236	.0011979	.0002399	.0049308	.000133	.0007403
%RSD	73.64769	51.41648	21.51418	27.06584	301.2197	5.616176	360.4203

#1	.0245213	.0031279	.0064596	.0011633	.0065153	-.002495	.0007757
#2	.1327670	.0011432	.0060378	.0007393	-.003345	-.002231	.0004717
#3	.0653756	.0017010	.0042063	.0007567	.001740	-.002391	-.000631

Sample Name: CCB032 Acquired: 01/28/2020 15:47:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB032 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005388	.0119277	.0000332
Stddev	.0007627	.0014682	.0000664
%RSD	141.5489	12.30930	200.0053

#1	.0003013	.0136150	.0000353
#2	.0013919	.0109411	.0000985
#3	-.000077	.0112269	-.000034

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1959.785	4128.541	48811.59	10652.53	4716.193
Stddev	99.815	16.844	2495.18	52.64	13.307
%RSD	5.093176	.4079780	5.111858	.4941239	.2821496

#1	2074.665	4126.660	51688.04	10613.95	4707.550
#2	1894.282	4112.717	47230.40	10631.16	4709.511
#3	1910.408	4146.247	47516.32	10712.50	4731.516

Sample Name: PB126397BL Acquired: 01/28/2020 15:51:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS397 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001570	.0005928	.0009387	-.000764	.0000790	-.003830	.0005133
Stddev	.003006	.0015285	.0003291	.002198	.0010019	.004560	.0002481
%RSD	191.4730	257.8544	35.05864	287.4949	1267.862	119.0579	48.33512

#1	.000828	.0003645	.0008262	.001089	-.000997	-.003912	.0002607
#2	-.004942	.0022225	.0006806	-.003192	.000249	.000770	.0005227
#3	-.000596	-.000809	.0013093	-.000190	.000985	-.008348	.0007566

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000271	-.000013	.0004271	-.000090	-.000106	.0043944	.0535275
Stddev	.0000546	.000019	.0122909	.000099	.000212	.0002090	.0042549
%RSD	201.2032	143.2667	2877.919	110.2600	199.4569	4.756419	7.948985

#1	-.000023	-.000035	-.011809	.000002	-.000282	.0042705	.0583812
#2	.000020	-.000002	.012772	-.000195	.000129	.0042770	.0504411
#3	.000085	-.000002	.000318	-.000077	-.000166	.0046358	.0517602

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001470	-.004338	.0000869	.0000150	.0766822	-.000400	.0009548
Stddev	.000176	.008214	.0000404	.0000962	.1760953	.001184	.0017633
%RSD	11.94287	189.3602	46.47192	642.8014	229.6429	295.9900	184.6837

#1	-.001274	.004192	.0001320	-.000090	.2391696	-.001748	.0014356
#2	-.001524	-.012195	.0000749	.000037	-.110429	.000472	-.000999
#3	-.001613	-.005010	.0000539	.000098	.101306	.000076	.002428

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0390823	.0011892	-.000699	.0000520	.0044315	-.002994	-.001621
Stddev	.0178794	.0011563	.000928	.0001307	.0014602	.001020	.000945
%RSD	45.74817	97.23793	132.7324	251.1951	32.94984	34.08334	58.29397

#1	.0581284	.0022905	.000176	.0002028	.0043373	-.002796	-.000735
#2	.0364592	-.000015	-.001673	-.000031	.0030207	-.004098	-.002616
#3	.0226593	.001292	-.000601	-.000016	.0059365	-.002087	-.001512

Sample Name: PB126397BL Acquired: 01/28/2020 15:51:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS397 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002314	.0021719	-.000010
Stddev	.0002764	.0024486	.000028
%RSD	119.4579	112.7392	297.7137

#1	-.000033	.0037478	.000023
#2	.000518	.0034171	-.000026
#3	.000208	-.000649	-.000026

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1914.866	4113.336	47403.63	10439.15	4688.599
Stddev	4.979	6.011	83.82	212.30	8.052
%RSD	.2600298	.1461442	.1768286	2.033671	.1717376

#1	1919.803	4108.992	47399.43	10194.90	4683.770
#2	1909.846	4120.197	47321.98	10579.38	4697.894
#3	1914.951	4110.820	47489.47	10543.16	4684.132

Sample Name: PB126397BS Acquired: 01/28/2020 15:55:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS397 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0182134	.0499807	.0198853	.0697809	.1198101	.3971945
Stddev	.0003977	.0002133	.0005148	.0005144	.0001264	.0008634
%RSD	2.183767	.4267871	2.588793	.7371525	.1055083	.2173662

#1	.0179717	.0499431	.0192974	.0701809	.1199154	.3976118
#2	.0186724	.0502103	.0201027	.0699612	.1196699	.3962018
#3	.0179960	.0497887	.0202556	.0692006	.1198451	.3977700

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3978165	.0093811	.0099235	10.22324	.0192480	.0953826
Stddev	.0009277	.0001152	.0000556	.02710	.0002803	.0003281
%RSD	.2332109	1.227697	.5605355	.2650425	1.456238	.3439498

#1	.3968001	.0093512	.0098593	10.19613	.0195682	.0951953
#2	.3986177	.0092839	.0099556	10.22327	.0191285	.0951911
#3	.3980318	.0095083	.0099557	10.25032	.0190472	.0957614

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0428040	.1492555	.0246884	9.839825	.0802887	.0203166
Stddev	.0010311	.0070242	.0001735	.037257	.0006563	.0001171
%RSD	2.408810	4.706135	.7028624	.3786332	.8174571	.5762456

#1	.0434235	.1553551	.0245375	9.814565	.0796604	.0204272
#2	.0416137	.1508355	.0248780	9.822298	.0802358	.0201940
#3	.0433746	.1415759	.0246497	9.882613	.0809698	.0203287

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.814675	.1008592	.1281216	9.280032	.0227013	F .0173196
Stddev	.180826	.0011481	.0024878	.111121	.0005542	.0010170
%RSD	1.842402	1.138300	1.941772	1.197418	2.441034	5.872011

#1	10.00846	.0997618	.1254639	9.155519	.0222474	.0183515
#2	9.78512	.1007637	.1285060	9.315454	.0233189	.0163181
#3	9.65045	.1020520	.1303949	9.369124	.0225377	.0172892

Sample Name: PB126397BS Acquired: 01/28/2020 15:55:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS397 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0196396	.1815417	.1910085	F .0097010	.1929022	F .0847543
Stddev	.0000739	.0025023	.0009053	.0005440	.0024773	.0006945
%RSD	.3762812	1.378379	.4739487	5.607929	1.284237	.8194624

#1	.0197117	.1844108	.1911981	.0099315	.1957590	.0852537
#2	.0196431	.1804043	.1900234	.0090797	.1915993	.0850481
#3	.0195640	.1798102	.1918040	.0100918	.1913481	.0839612

Elem	Sr4077
Units	ppm
Avg	.1834659
Stddev	.0007403
%RSD	.4034952

#1	.1842148
#2	.1834484
#3	.1827346

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1906.287	4106.905	47405.81	10686.26	4715.586
Stddev	7.343	13.247	44.66	42.00	15.359
%RSD	.3852028	.3225620	.0942179	.3930700	.3257006

#1	1898.834	4121.433	47354.33	10688.48	4732.329
#2	1913.515	4103.789	47434.28	10727.10	4712.276
#3	1906.512	4095.494	47428.82	10643.18	4702.151

Sample Name: L1251-01 Acquired: 01/28/2020 15:59:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B63 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0899517	.0863035	F 50.53119	-.010236	1.530832	347.0223
Stddev	.0010380	.0025944	.12046	.000568	.004642	3.8694
%RSD	1.153907	3.006106	.2383966	5.550679	.3032105	1.115021

#1	.0904140	.0877062	50.47426	-.009589	1.527989	348.6711
#2	.0906782	.0878945	50.44975	-.010655	1.528319	342.6017
#3	.0887629	.0833097	50.66957	-.010464	1.536189	349.7942

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.898584	.0200137	.5697336	86.66201	1.226943	.1496905
Stddev	.023320	.0000473	.0016457	.58655	.000703	.0010777
%RSD	.4760537	.2363411	.2888605	.6768272	.0572899	.7199821

#1	4.925321	.0200609	.5685471	87.15901	1.226586	.1499563
#2	4.882450	.0199663	.5690413	86.01503	1.226490	.1485047
#3	4.887981	.0200139	.5716124	86.81199	1.227753	.1506105

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 121.8626	F 1312.720	7.941426	74.33891	1.715465	.0891741
Stddev	.8397	19.100	.054783	.50512	.007738	.0009770
%RSD	.6890454	1.455015	.6898387	.6794794	.4510837	1.095633

#1	122.8316	1324.051	7.982400	74.80976	1.710409	.0902677
#2	121.4070	1290.668	7.879201	73.80537	1.711612	.0883872
#3	121.3491	1323.442	7.962676	74.40160	1.724373	.0888675

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.09404	.2459474	F 43.41724	2.889699	F 11.69439	^ *****
Stddev	.07270	.0011093	.23267	.015636	.04444	-----
%RSD	2.349798	.4510447	.5359036	.5411046	.3800402	-----

#1	-3.02200	.2464107	43.49932	2.882609	11.68999	^ -----
#2	-3.09274	.2446816	43.59776	2.878864	11.65231	^ -----
#3	-3.16739	.2467501	43.15465	2.907624	11.74087	^ -----

Sample Name: L1251-01 Acquired: 01/28/2020 15:59:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B63 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0996564	6.227410	4.481208	.9694544	1.517981	.0297199
Stddev	.0013160	.013166	.063461	.0114151	.014318	.0005077
%RSD	1.320542	.2114241	1.416147	1.177473	.9432420	1.708431

#1	.0995283	6.224207	4.537960	.9598298	1.528812	.0301382
#2	.0984091	6.216141	4.412687	.9664673	1.501748	.0291550
#3	.1010317	6.241883	4.492976	.9820660	1.523383	.0298664

Elem	Sr4077
Units	ppm
Avg	.2197178
Stddev	.0015730
%RSD	.7159144

#1	.2210946
#2	.2180034
#3	.2200553

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1849.318	4008.841	49394.47	11343.90	4330.095
Stddev	11.184	13.519	223.37	69.40	12.738
%RSD	.6047369	.3372256	.4522099	.6117922	.2941663

#1	1854.846	4022.714	49550.95	11298.00	4336.354
#2	1836.447	4008.103	49138.67	11423.74	4338.493
#3	1856.661	3995.707	49493.79	11309.96	4315.439

Sample Name: L1251-01LX5 Acquired: 01/28/2020 16:11:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B63L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0171856	.0145786	10.34784	-.006984	.3125677	69.44711	.9981437
Stddev	.0019974	.0012497	.03315	.001001	.0026411	.46389	.0025162
%RSD	11.62226	8.572109	.3203778	14.32734	.8449669	.6679810	.2520874

#1	.0193088	.0156825	10.31834	-.006936	.3119711	68.92887	.9963536
#2	.0153440	.0132218	10.34146	-.008007	.3102759	69.82357	1.001021
#3	.0169038	.0148314	10.38372	-.006008	.3154560	69.58890	.997057

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044632	.1182570	17.21516	.2648954	.0289775	25.07472	221.9186
Stddev	.0000277	.0002505	.09925	.0042251	.0001121	.13726	1.3161
%RSD	.6206255	.2118057	.5765081	1.594999	.3868650	.5474177	.5930745

#1	.0044314	.1182745	17.10474	.2633377	.0289124	24.92796	220.5066
#2	.0044764	.1179982	17.29692	.2616704	.0289132	25.19994	223.1114
#3	.0044818	.1184982	17.24383	.2696782	.0291070	25.09627	222.1377

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.606116	15.27834	.3469015	.0146682	-.373490	.0494503	8.967968
Stddev	.010557	.07339	.0008691	.0004487	.310927	.0001995	.092777
%RSD	.6572778	.4803502	.2505329	3.058941	83.24901	.4034274	1.034535

#1	1.595498	15.19469	.3473657	.0151713	-.671897	.0494512	8.875910
#2	1.616610	15.33193	.3458989	.0143096	-.397175	.0496493	8.966548
#3	1.606241	15.30839	.3474400	.0145237	-.051398	.0492503	9.061447

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5564852	2.366942	.0945000	.0194388	1.259562	1.004692	.1899671
Stddev	.0424074	.003949	.0039707	.0000626	.002491	.027365	.0005775
%RSD	7.620582	.1668194	4.201778	.3220642	.1977970	2.723745	.3040200

#1	.5503786	2.363739	.0925438	.0194064	1.261285	.973288	.1904033
#2	.5174621	2.371353	.0990692	.0195109	1.256706	1.023426	.1901858
#3	.6016148	2.365733	.0918869	.0193989	1.260696	1.017362	.1893121

Sample Name: L1251-01LX5 Acquired: 01/28/2020 16:11:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B63L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3162762	.0084974	.0448744
Stddev	.0058743	.0007992	.0001720
%RSD	1.857343	9.405431	.3833690

#1	.3224908	.0077190	.0450189
#2	.3155230	.0093159	.0446841
#3	.3108148	.0084572	.0449202

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1871.500	4088.557	47170.76	10696.64	4549.213
Stddev	18.524	12.224	468.58	36.34	7.125
%RSD	.9897888	.2989780	.9933667	.3397242	.1566261

#1	1873.950	4076.434	47312.75	10733.70	4549.567
#2	1888.676	4100.879	47551.92	10695.14	4556.155
#3	1851.872	4088.358	46647.61	10661.07	4541.918

Sample Name: L1251-02 Acquired: 01/28/2020 16:03:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B63D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0899249	.0877862	F 53.25285	-.006428	1.570257	351.4635
Stddev	.0040426	.0027088	.28317	.003658	.005536	2.9556
%RSD	4.495549	3.085693	.5317553	56.90328	.3525744	.8409467

#1	.0897574	.0882167	52.92673	-.008275	1.566303	351.6137
#2	.0859686	.0848879	53.43649	-.002215	1.576585	354.3411
#3	.0940486	.0902540	53.39534	-.008795	1.567885	348.4356

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.126267	.0201334	.5824364	88.42070	1.218384	.1506698
Stddev	.007905	.0003116	.0040070	.52554	.003844	.0009658
%RSD	.1542130	1.547557	.6879780	.5943638	.3155127	.6409985

#1	5.135395	.0204225	.5778256	88.85131	1.219304	.1496504
#2	5.121806	.0198034	.5844076	87.83509	1.221685	.1515711
#3	5.121600	.0201743	.5850761	88.57569	1.214163	.1507880

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 122.8315	F 1300.443	7.965472	75.24411	1.728440	.0792199
Stddev	.0535	20.136	.004069	.16598	.009257	.0003847
%RSD	.0435276	1.548426	.0510843	.2205891	.5355686	.4856614

#1	122.8024	1322.568	7.965419	75.10119	1.717776	.0795510
#2	122.8932	1283.189	7.961429	75.42616	1.734404	.0787978
#3	122.7988	1295.572	7.969567	75.20499	1.733141	.0793108

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.88926	.2503898	F 43.13182	2.979712	F 11.94339	^ *****
Stddev	.22272	.0035218	.19700	.033418	.05265	-----
%RSD	7.708478	1.406510	.4567325	1.121522	.4408454	-----

#1	-3.09917	.2517354	42.90510	3.002958	11.90026	^ -----
#2	-2.65563	.2530403	43.22923	2.941415	12.00206	^ -----
#3	-2.91298	.2463936	43.26114	2.994762	11.92784	^ -----

Sample Name: L1251-02 Acquired: 01/28/2020 16:03:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B63D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0988449	6.370816	4.616541	1.006288	1.554234	.0329988
Stddev	.0001107	.040037	.043124	.003928	.008357	.0008588
%RSD	.1119589	.6284516	.9341164	.3903149	.5376756	2.602528

#1	.0987298	6.332869	4.613853	1.001792	1.561775	.0333889
#2	.0989506	6.412660	4.574823	1.009054	1.545250	.0335934
#3	.0988543	6.366920	4.660945	1.008018	1.555677	.0320142

Elem	Sr4077
Units	ppm
Avg	.2278331
Stddev	.0013877
%RSD	.6090955

#1	.2280570
#2	.2263470
#3	.2290952

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1832.379	3965.523	48639.86	11136.94	4275.440
Stddev	7.834	12.569	67.93	23.13	17.822
%RSD	.4275443	.3169524	.1396630	.2076824	.4168406

#1	1835.118	3976.453	48571.86	11123.29	4295.272
#2	1838.476	3951.789	48707.72	11163.65	4260.767
#3	1823.543	3968.325	48640.00	11123.90	4270.280

Sample Name: L1251-05 Acquired: 01/28/2020 16:20:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B65 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105583	.0213670	4.257382	-.009652	.0083118	161.7254	.8232143
Stddev	.0036442	.0017028	.050459	.001295	.0013870	.4267	.0010995
%RSD	34.51522	7.969517	1.185201	13.41970	16.68747	.2638267	.1335602

#1	.0120859	.0222315	4.225012	-.010765	.0096653	161.3506	.8220403
#2	.0063989	.0224643	4.231613	-.008230	.0068935	161.6359	.8242199
#3	.0131900	.0194054	4.315522	-.009962	.0083767	162.1897	.8233826

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059247	.1163555	49.78551	.1998099	.0303353	3.540431	313.9825
Stddev	.0000382	.0015340	.14136	.0041128	.0003833	.006948	.6386
%RSD	.6442419	1.318348	.2839392	2.058351	1.263681	.1962433	.2033774

#1	.0059629	.1153417	49.79624	.2017364	.0299292	3.548197	313.3037
#2	.0058866	.1156044	49.63909	.2026058	.0303860	3.534806	314.0726
#3	.0059245	.1181202	49.92120	.1950874	.0306909	3.538290	314.5712

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.008529	12.09985	.1575951	-.001075	-.402166	.3175291	5.330169
Stddev	.004368	.06889	.0023162	.000493	.068531	.0025517	.053360
%RSD	.2174568	.5693115	1.469694	45.91317	17.04046	.8036109	1.001094

#1	2.007055	12.02032	.1557152	-.001283	-.340649	.3149307	5.375512
#2	2.005090	12.13826	.1568876	-.001430	-.476031	.3176253	5.343626
#3	2.013443	12.14097	.1601825	-.000511	-.389818	.3200313	5.271369

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.198931	2.314558	.0338402	.0146617	1.869205	6.078264	.0619511
Stddev	.021399	.031862	.0050763	.0002413	.023917	.043245	.0014401
%RSD	.5096260	1.376580	15.00079	1.645892	1.279536	.7114769	2.324558

#1	4.174421	2.294315	.0307302	.0147882	1.857528	6.060030	.0604542
#2	4.213897	2.298074	.0310923	.0143835	1.853369	6.127641	.0620723
#3	4.208475	2.351284	.0396981	.0148135	1.896718	6.047122	.0633267

Sample Name: L1251-05 Acquired: 01/28/2020 16:20:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B65 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3198821	.0652473	.1338033
Stddev	.0134254	.0016164	.0006213
%RSD	4.196995	2.477392	.4643574

#1	.3344026	.0666285	.1339176
#2	.3173238	.0634695	.1331327
#3	.3079199	.0656439	.1343595

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2025.330	4293.692	51029.34	11398.91	4699.882
Stddev	23.387	40.769	692.39	54.62	54.045
%RSD	1.154743	.9494983	1.356852	.4791379	1.149913

#1	2002.276	4323.717	50388.18	11349.73	4734.869
#2	2024.677	4310.079	50936.28	11457.69	4727.141
#3	2049.037	4247.280	51763.55	11389.30	4637.637

Sample Name: L1251-04 Acquired: 01/28/2020 16:15:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B64 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054444	.2060818	46.87046	.0934348	1.460053	438.8281
Stddev	.0062182	.0043557	.15558	.0109086	.005873	4.9977
%RSD	114.2135	2.113570	.3319430	11.67511	.4022713	1.138874

#1	-.001323	.2107893	46.87203	.1059179	1.466444	434.8225
#2	.006750	.2052615	46.71410	.0857352	1.454893	437.2331
#3	.010906	.2021946	47.02526	.0886511	1.458822	444.4285

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.756078	.0663647	.7359354	108.6427	3.617066	.2224220
Stddev	.033497	.0003565	.0022844	.7326	.012785	.0006608
%RSD	.7042933	.5371876	.3104114	.6743342	.3534513	.2970799

#1	4.743448	.0661376	.7347982	109.2273	3.631779	.2226259
#2	4.730732	.0661809	.7344429	107.8209	3.610759	.2216834
#3	4.794054	.0667756	.7385653	108.8800	3.608661	.2229568

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 225.4392	F 2547.500	8.642886	74.51185	4.016592	.1639683
Stddev	.7732	55.466	.054860	.54623	.008075	.0019082
%RSD	.3429555	2.177272	.6347425	.7330806	.2010475	1.163775

#1	226.3303	2607.540	8.590380	74.14510	4.016524	.1661673
#2	224.9454	2498.170	8.638445	74.25082	4.008551	.1627482
#3	225.0421	2536.791	8.699831	75.13962	4.024701	.1629894

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -7.45221	.2695411	F 73.42230	3.037181	9.953651	^ *****
Stddev	.25330	.0050871	.41261	.068211	.042191	-----
%RSD	3.398942	1.887316	.5619679	2.245868	.4238754	-----

#1	-7.74364	.2636693	73.30681	2.977957	9.991833	^ -----
#2	-7.32790	.2726183	73.88035	3.021826	9.908356	^ -----
#3	-7.28508	.2723357	73.07975	3.111761	9.960765	^ -----

Sample Name: L1251-04 Acquired: 01/28/2020 16:15:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B64 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2056476	7.590678	3.030381	1.460882	1.690319	.0317174
Stddev	.0011123	.021874	.019927	.002434	.014500	.0003635
%RSD	.5408699	.2881721	.6575679	.1666319	.8578488	1.146164
#1	.2066479	7.602733	3.026311	1.462079	1.700798	.0316712
#2	.2044498	7.565429	3.012804	1.458080	1.696388	.0313792
#3	.2058450	7.603874	3.052029	1.462485	1.673770	.0321018

Elem	Sr4077
Units	ppm
Avg	.1923992
Stddev	.0004356
%RSD	.2264308
#1	.1927843
#2	.1924870
#3	.1919264

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1713.739	3770.598	47675.74	10895.04	4150.970
Stddev	15.052	13.716	390.35	39.10	15.893
%RSD	.8783276	.3637679	.8187528	.3588905	.3828767
#1	1705.906	3760.351	47381.00	10897.66	4150.829
#2	1704.218	3786.180	47527.78	10932.77	4166.932
#3	1731.093	3765.263	48118.44	10854.70	4135.147

Sample Name: L1251-07 Acquired: 01/28/2020 16:28:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B67 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.051524	.1507868	17.23862	.0172396	.3564837	124.5315
Stddev	.002427	.0102386	.04064	.0119656	.0028033	2.4870
%RSD	4.710014	6.790100	.2357613	69.40742	.7863713	1.997109

#1	-.054177	.1625674	17.28196	.0304691	.3595722	127.4000
#2	-.049416	.1457577	17.20136	.0140760	.3557787	122.9801
#3	-.050979	.1440353	17.23253	.0071737	.3541003	123.2143

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.647769	.0181444	.4359091	61.99005	.4547172	.1350805
Stddev	.036037	.0002155	.0008642	1.79521	.0066577	.0002799
%RSD	2.187037	1.187697	.1982439	2.895967	1.464131	.2071884

#1	1.689381	.0183660	.4349182	64.05763	.4470340	.1353855
#2	1.626816	.0181314	.4363022	60.82728	.4587834	.1348356
#3	1.627109	.0179356	.4365068	61.08525	.4583342	.1350204

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.62297	F 1986.593	7.776725	16.30135	1.161731	.0200210
Stddev	.58656	82.367	.162354	.32852	.002277	.0035629
%RSD	2.049247	4.146150	2.087687	2.015285	.1959810	17.79576

#1	29.29943	2081.150	7.964049	16.67952	1.163872	.0239552
#2	28.25561	1930.449	7.689469	16.13803	1.159339	.0170117
#3	28.31386	1948.179	7.676657	16.08650	1.161983	.0190963

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -5.68173	.2384241	F 44.52830	2.929810	7.768617	^ *****
Stddev	.28939	.0050676	.19451	.076798	.031305	-----
%RSD	5.093279	2.125453	.4368305	2.621246	.4029611	-----

#1	-6.00072	.2432754	44.73049	3.015647	7.797046	^ -----
#2	-5.60840	.2388320	44.51192	2.906176	7.735068	^ -----
#3	-5.43606	.2331649	44.34250	2.867607	7.773737	^ -----

Sample Name: L1251-07 Acquired: 01/28/2020 16:28:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B67 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0795691	3.888290	7.855335	.4308958	.8761335	.0290653
Stddev	.0007337	.014482	.149173	.0015259	.0207387	.0016720
%RSD	.9221105	.3724429	1.899006	.3541260	2.367067	5.752452
#1	.0800813	3.904450	8.027450	.4326384	.8988471	.0307327
#2	.0798974	3.876487	7.763365	.4302507	.8713465	.0273888
#3	.0787285	3.883933	7.775190	.4297985	.8582069	.0290744

Elem	Sr4077
Units	ppm
Avg	.1223366
Stddev	.0026653
%RSD	2.178693
#1	.1254068
#2	.1209868
#3	.1206162

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1934.258	4210.682	50124.74	11292.70	4527.774
Stddev	2.457	19.930	339.67	190.67	13.178
%RSD	.1270343	.4733263	.6776430	1.688424	.2910401
#1	1931.476	4187.845	49732.61	11073.92	4512.592
#2	1936.130	4219.635	50314.08	11423.47	4536.244
#3	1935.169	4224.565	50327.55	11380.70	4534.487

Sample Name: L1251-06 Acquired: 01/28/2020 16:24:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B66 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0857055	.1254744	19.43628	.0127603	.7672712	160.5824
Stddev	.0046184	.0023321	.10936	.0032479	.0044583	.5528
%RSD	5.388622	1.858615	.5626680	25.45348	.5810649	.3442344

#1	.0803872	.1272167	19.56252	.0094119	.7721585	161.2053
#2	.0887045	.1263814	19.37580	.0129716	.7634267	160.3914
#3	.0880249	.1228250	19.37051	.0158974	.7662283	160.1504

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.149897	.0177701	.5173605	87.85527	.6363790	.1344573
Stddev	.012408	.0002690	.0032516	.29095	.0204339	.0005214
%RSD	.3939318	1.514026	.6285042	.3311663	3.210965	.3877731

#1	3.162495	.0180807	.5208317	88.17787	.6433151	.1349796
#2	3.149509	.0176099	.5168644	87.61274	.6524419	.1344553
#3	3.137687	.0176198	.5143854	87.77521	.6133798	.1339368

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 42.71476	F 1674.980	7.750472	23.89479	1.420907	.0216163
Stddev	.34181	15.841	.008245	.09190	.007361	.0008352
%RSD	.8002134	.9457644	.1063857	.3846039	.5180670	3.863863

#1	43.08795	1691.957	7.759965	23.99615	1.429140	.0212707
#2	42.63945	1660.593	7.746356	23.87129	1.418621	.0210093
#3	42.41689	1672.392	7.745095	23.81691	1.414959	.0225688

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -4.03466	.2346426	F 40.35950	3.909609	F 14.91490	^ *****
Stddev	.28034	.0004928	.79768	.058966	.13532	-----
%RSD	6.948192	.2099991	1.976443	1.508230	.9072966	-----

#1	-3.75989	.2351588	40.87434	3.966431	15.06720	^ -----
#2	-4.02386	.2341773	40.76351	3.848710	14.80849	^ -----
#3	-4.32025	.2345916	39.44064	3.913685	14.86901	^ -----

Sample Name: L1251-06 Acquired: 01/28/2020 16:24:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B66 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0924505	5.535861	6.020967	.6713545	1.069858	.0291966
Stddev	.0006463	.025423	.106219	.0047977	.007395	.0003014
%RSD	.6990532	.4592384	1.764149	.7146253	.6911911	1.032413

#1	.0931472	5.564716	6.104430	.6767049	1.063096	.0293247
#2	.0918705	5.526108	6.057068	.6674354	1.077754	.0294127
#3	.0923337	5.516758	5.901403	.6699232	1.068723	.0288522

Elem	Sr4077
Units	ppm
Avg	.2169618
Stddev	.0001994
%RSD	.0919107

#1	.2167339
#2	.2171042
#3	.2170473

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1931.712	4225.172	50414.49	11063.78	4533.716
Stddev	44.437	27.875	1005.07	63.69	25.366
%RSD	2.300398	.6597455	1.993609	.5756351	.5594947

#1	1896.907	4198.847	49588.73	10990.74	4506.044
#2	1916.464	4222.296	50121.14	11092.85	4539.238
#3	1981.766	4254.375	51533.59	11107.74	4555.866

Sample Name: L1251-09 Acquired: 01/28/2020 16:36:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B69 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0202124	.0335420	12.17592	-.005258	.2276328	152.7848	.9899567
Stddev	.0019535	.0030951	.03062	.001965	.0011033	.2460	.0033813
%RSD	9.664998	9.227432	.2514833	37.37153	.4846953	.1610228	.3415568

#1	.0213034	.0301574	12.21028	-.006761	.2266321	152.6333	.9922431
#2	.0179570	.0342406	12.16597	-.005979	.2288160	153.0687	.9915544
#3	.0213766	.0362282	12.15152	-.003034	.2274505	152.6524	.9860726

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080947	.2886365	36.41183	.2911451	.0482418	27.78529	464.8606
Stddev	.0000693	.0008918	.12982	.0003868	.0003328	.02690	1.0544
%RSD	.8566259	.3089785	.3565322	.1328398	.6897932	.0968135	.2268229

#1	.0081724	.2896538	36.45203	.2910898	.0486163	27.75424	465.7021
#2	.0080727	.2882663	36.51679	.2915566	.0479801	27.80150	465.2019
#3	.0080390	.2879895	36.26666	.2907891	.0481289	27.80014	463.6779

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.783385	12.55754	.3467179	.0177346	-.919733	.2869678	14.53805
Stddev	.015372	.04168	.0010324	.0002756	.089409	.0010036	.09164
%RSD	.4063054	.3318761	.2977556	1.553999	9.721233	.3497104	.6303216

#1	3.789630	12.60137	.3479024	.0176758	-1.02209	.2860608	14.63760
#2	3.794653	12.55284	.3462421	.0174931	-.85689	.2880459	14.45722
#3	3.765874	12.51841	.3460093	.0180348	-.88022	.2867968	14.51932

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.121747	5.696486	.1106997	.0441101	3.587179	9.746966	.3017227
Stddev	.050842	.038844	.0038103	.0003968	.020076	.062279	.0014037
%RSD	1.233506	.6818959	3.442034	.8994429	.5596507	.6389613	.4652151

#1	4.127948	5.738643	.1137276	.0445485	3.609312	9.792305	.3006555
#2	4.068089	5.662144	.1064213	.0440062	3.570143	9.772639	.3011999
#3	4.169204	5.688669	.1119504	.0437756	3.582082	9.675954	.3033128

Sample Name: L1251-09 Acquired: 01/28/2020 16:36:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B69 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8842253	.0488926	.1053877
Stddev	.0063822	.0009556	.0006731
%RSD	.7217837	1.954418	.6386526

#1	.8768566	.0497848	.1050309
#2	.8878132	.0478843	.1061640
#3	.8880060	.0490088	.1049681

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1971.674	4265.406	50183.04	11267.92	4659.058
Stddev	8.019	17.665	66.34	74.91	17.005
%RSD	.4066906	.4141553	.1321914	.6648497	.3649913

#1	1963.229	4248.472	50113.11	11259.11	4640.483
#2	1972.610	4264.024	50190.94	11197.80	4662.832
#3	1979.184	4283.722	50245.08	11346.85	4673.860

Sample Name: L1251-08 Acquired: 01/28/2020 16:32:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B68 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101220	.0646637	16.40904	.0016090	.3201571	143.4771
Stddev	.0031905	.0027662	.07909	.0021207	.0041345	.3666
%RSD	31.52028	4.277889	.4819932	131.8038	1.291412	.2555031

#1	.0137063	.0615494	16.37561	-.000801	.3203936	143.3596
#2	.0090672	.0656057	16.35215	.002436	.3159094	143.8881
#3	.0075925	.0668358	16.49935	.003192	.3241683	143.1837

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.341021	.0121096	.4749124	39.90089	.7117192	.0860892
Stddev	.006839	.0002400	.0016031	.32502	.0019765	.0005203
%RSD	.2921243	1.982154	.3375502	.8145704	.2777089	.6044052

#1	2.336941	.0118494	.4746253	39.61413	.7131997	.0866798
#2	2.348916	.0121571	.4734724	39.83458	.7094748	.0856983
#3	2.337206	.0123223	.4766397	40.25395	.7124832	.0858894

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.26439	F 962.1864	4.599065	19.46575	.8458569	.0146123
Stddev	.08168	15.2297	.012802	.03907	.0024260	.0003553
%RSD	.3511090	1.582826	.2783532	.2007068	.2868151	2.431677

#1	23.31101	950.0162	4.587459	19.42315	.8461436	.0143361
#2	23.31208	957.2780	4.596940	19.47417	.8433003	.0150131
#3	23.17007	979.2651	4.612797	19.49992	.8481269	.0144875

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.06507	.1855495	F 33.01121	2.728992	6.548525	^ *****
Stddev	.08672	.0021917	.12971	.030374	.042185	-----
%RSD	4.199373	1.181187	.3929136	1.113020	.6441978	-----

#1	-2.16385	.1871696	33.16025	2.747937	6.590213	^ -----
#2	-2.02989	.1830557	32.94953	2.745081	6.505859	^ -----
#3	-2.00147	.1864232	32.92386	2.693957	6.549502	^ -----

Sample Name: L1251-08 Acquired: 01/28/2020 16:32:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B68 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0534551	3.890611	10.67479	.4803965	1.097359	.0345676
Stddev	.0005940	.031618	.10979	.0039127	.028834	.0008053
%RSD	1.111163	.8126866	1.028465	.8144629	2.627536	2.329540

#1	.0529389	3.907334	10.76299	.4768882	1.067150	.0354957
#2	.0541043	3.854142	10.55183	.4796853	1.100341	.0340541
#3	.0533221	3.910355	10.70955	.4846160	1.124585	.0341531

Elem	Sr4077
Units	ppm
Avg	.1015885
Stddev	.0002826
%RSD	.2781904

#1	.1016205
#2	.1012913
#3	.1018538

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1924.461	4142.870	49368.19	11212.58	4489.496
Stddev	8.167	15.838	199.07	51.61	14.952
%RSD	.4243734	.3822995	.4032372	.4602782	.3330439

#1	1916.487	4136.640	49225.00	11258.43	4485.814
#2	1924.088	4160.876	49284.07	11222.61	4505.944
#3	1932.808	4131.094	49595.51	11156.69	4476.728

Sample Name: L1251-03 Acquired: 01/28/2020 17:19:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B63S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1647716	.2037436	F 52.34657	.0993862	1.715149	349.7021
Stddev	.0045377	.0036194	.12024	.0038546	.003976	6.2230
%RSD	2.753938	1.776440	.2297089	3.878383	.2318185	1.779513

#1	.1615089	.2077700	52.44607	.1011304	1.710857	352.6447
#2	.1699536	.2007604	52.38069	.1020604	1.718707	353.9080
#3	.1628525	.2027003	52.21295	.0949678	1.715885	342.5535

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.391970	.1188667	.6906693	86.77477	1.629022	1.295154
Stddev	.120308	.0008574	.0006026	.78112	.007936	.001719
%RSD	1.280963	.7212697	.0872529	.9001735	.4871602	.1327545

#1	9.464400	.1198075	.6913169	87.31709	1.627178	1.296726
#2	9.253093	.1186631	.6901250	87.12776	1.622171	1.295419
#3	9.458416	.1181294	.6905660	85.87945	1.637718	1.293318

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 120.6905	F 1295.113	9.008369	74.36887	2.830721	.1537181
Stddev	.4389	29.818	.012685	.07893	.007192	.0007078
%RSD	.3636404	2.302339	.1408087	.1061297	.2540703	.4604415

#1	121.1973	1316.506	9.023016	74.45937	2.834072	.1535075
#2	120.4405	1307.781	9.001081	74.33288	2.835626	.1545073
#3	120.4338	1261.053	9.001010	74.31435	2.822465	.1531396

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.76237	1.351991	F 44.00923	2.914441	F 11.80465	^ *****
Stddev	.25747	.003903	.02455	.104098	.02823	-----
%RSD	9.320584	.2887024	.0557746	3.571804	.2391262	-----

#1	-2.90028	1.352321	44.00492	3.034628	11.81399	^ -----
#2	-2.92151	1.347933	43.98712	2.855999	11.82702	^ -----
#3	-2.46533	1.355719	44.03564	2.852696	11.77294	^ -----

Sample Name: L1251-03 Acquired: 01/28/2020 17:19:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B63S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0985515	6.790433	4.837335	.9993658	1.500673	.0321339
Stddev	.0002378	.007045	.053068	.0022082	.007969	.0009391
%RSD	.2412948	.1037472	1.097050	.2209576	.5310271	2.922325

#1	.0983809	6.798421	4.893246	1.001894	1.501570	.0330988
#2	.0984505	6.787773	4.831096	.998387	1.508156	.0312230
#3	.0988232	6.785106	4.787662	.997816	1.492294	.0320797

Elem	Sr4077
Units	ppm
Avg	.2234953
Stddev	.0011797
%RSD	.5278231

#1	.2240455
#2	.2242994
#3	.2221411

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1810.247	3914.059	47969.64	10958.73	4191.604
Stddev	8.545	6.425	181.42	73.63	6.557
%RSD	.4720142	.1641492	.3782060	.6718412	.1564235

#1	1807.465	3917.216	48087.24	10898.26	4184.729
#2	1803.441	3906.666	47760.70	10937.22	4192.294
#3	1819.837	3918.295	48060.98	11040.72	4197.788

Sample Name: L1251-10 Acquired: 01/28/2020 16:40:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0B70 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0205450	.0213255	10.67372	.0004333	.1453931	147.4755	1.083258
Stddev	.0043560	.0019995	.07281	.0033940	.0015461	1.7353	.012456
%RSD	21.20240	9.376034	.6821203	783.2923	1.063379	1.176652	1.149837

#1	.0255711	.0217289	10.75562	-.002073	.1461369	145.4719	1.068875
#2	.0182021	.0191551	10.64919	.004296	.1436157	148.4946	1.090439
#3	.0178619	.0230926	10.61634	-.000923	.1464267	148.4600	1.090459

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054157	.7692859	22.75726	.2768165	.0309512	16.52609	283.1281
Stddev	.0001579	.0047165	.29797	.0017362	.0000446	.19791	3.9202
%RSD	2.916474	.6131058	1.309339	.6272073	.1441661	1.197555	1.384608

#1	.0053618	.7746040	22.41358	.2788063	.0309792	16.29850	278.6014
#2	.0055935	.7676439	22.94322	.2756093	.0308998	16.62195	285.3736
#3	.0052918	.7656099	22.91497	.2760340	.0309747	16.65781	285.4092

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.914437	12.03275	.3148592	.0080120	-.492003	.2837265	13.99308
Stddev	.106642	.19016	.0009478	.0005600	.107634	.0030366	.07167
%RSD	1.347437	1.580386	.3010228	6.990073	21.87664	1.070249	.5121790

#1	7.791908	11.81346	.3157174	.0078599	-.389253	.2816230	13.92630
#2	7.986308	12.13246	.3150183	.0075438	-.603932	.2872077	13.98413
#3	7.965094	12.15232	.3138419	.0086324	-.482825	.2823487	14.06880

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.897606	4.273737	.0601387	.0449600	2.829098	11.69111	.1686765
Stddev	.056273	.026581	.0043713	.0005024	.007205	.17103	.0013334
%RSD	1.942034	.6219537	7.268649	1.117415	.2546679	1.462922	.7905130

#1	2.834105	4.296322	.0582291	.0453725	2.831981	11.57974	.1701438
#2	2.917428	4.280443	.0570470	.0451070	2.834415	11.88804	.1683471
#3	2.941286	4.244445	.0651398	.0444005	2.820898	11.60556	.1675387

Sample Name: L1251-10 Acquired: 01/28/2020 16:40:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0B70 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9163016	.0345910	.0654452
Stddev	.0170559	.0003415	.0012558
%RSD	1.861389	.9871261	1.918790

#1	.9152235	.0342341	.0640524
#2	.9338710	.0349146	.0657925
#3	.8998103	.0346243	.0664908

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2045.048	4395.675	51536.53	11049.26	4826.472
Stddev	5.773	27.051	162.25	142.82	31.305
%RSD	.2823115	.6154107	.3148329	1.292570	.6486087

#1	2050.949	4364.553	51477.37	11208.23	4790.374
#2	2044.783	4408.929	51720.06	10931.79	4842.880
#3	2039.411	4413.544	51412.15	11007.76	4846.162

Sample Name: CCV033 Acquired: 01/28/2020 17:24:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV033 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.616882	4.730793	23.93790	4.607676	4.561573	404.5937	9.447261
Stddev	.019020	.003058	.00727	.014993	.004616	4.3669	.050777
%RSD	.4119686	.0646373	.0303772	.3254003	.1012021	1.079339	.5374776

#1	4.638222	4.731213	23.93438	4.616948	4.556783	401.0299	9.504715
#2	4.610711	4.727547	23.94627	4.590378	4.565994	403.2860	9.428663
#3	4.601714	4.733620	23.93307	4.615701	4.561944	409.4650	9.408405

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4643251	2.397737	405.4928	14.05707	2.422272	14.36824	409.2292
Stddev	.0025304	.001675	1.1919	.01877	.001358	.08638	1.1873
%RSD	.5449577	.0698508	.2939424	.1335353	.0560791	.6012049	.2901229

#1	.4637550	2.396756	404.4719	14.07866	2.421373	14.45683	409.3928
#2	.4621285	2.396784	406.8026	14.04803	2.421607	14.36365	410.3263
#3	.4670919	2.399671	405.2037	14.04454	2.423834	14.28425	407.9687

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.64962	412.1425	2.353078	1.207311	410.7326	2.364044	14.10433
Stddev	.03186	.9770	.000587	.001275	2.1924	.009863	.04234
%RSD	.2334353	.2370515	.0249258	.1055746	.5337707	.4171984	.3002108

#1	13.63673	412.6252	2.352507	1.208398	412.7051	2.367411	14.14918
#2	13.68591	412.7842	2.353679	1.205908	411.1205	2.371782	14.09875
#3	13.62622	411.0181	2.353048	1.207626	408.3722	2.352938	14.06505

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	143.0596	4.848895	4.799803	4.596172	4.850480	4.750264	4.792846
Stddev	1.0048	.012613	.016806	.004180	.010945	.025828	.002753
%RSD	.7023458	.2601279	.3501447	.0909440	.2256439	.5437232	.0574344

#1	144.1779	4.843818	4.782089	4.596901	4.859665	4.739055	4.795936
#2	142.7681	4.839612	4.801798	4.591676	4.853406	4.731934	4.791945
#3	142.2328	4.863256	4.815524	4.599939	4.838370	4.779804	4.790657

Sample Name: CCV033 Acquired: 01/28/2020 17:24:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV033 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.761093	4.905181	4.710994
Stddev	.023794	.016423	.035914
%RSD	.4997618	.3348120	.7623390

#1	4.734391	4.887205	4.669741
#2	4.768840	4.908936	4.727955
#3	4.780048	4.919401	4.735286

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1639.835	3568.605	44387.40	10228.35	3688.711
Stddev	2.267	2.954	24.58	24.18	1.284
%RSD	.1382234	.0827721	.0553727	.2364151	.0348204

#1	1637.321	3568.113	44368.99	10255.90	3689.072
#2	1640.461	3571.774	44415.31	10210.63	3689.776
#3	1641.723	3565.928	44377.89	10218.52	3687.284

Sample Name: CCB033 Acquired: 01/28/2020 17:28:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB033 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000930	-.001232	.0001973	-.001022	-.000493	.0026039
Stddev	.000843	.001296	.0014485	.000849	.001179	.0049135
%RSD	90.71672	105.2065	734.2077	83.09201	239.1812	188.6955

#1	-.000728	-.002319	.0016467	-.001219	-.000151	.0058166
#2	-.001855	.000203	-.001250	-.000091	-.001805	-.003052
#3	-.000205	-.001580	.000195	-.001754	.000477	.005048

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006947	.0000417	.0000012	.0017614	.0003870	-.000170
Stddev	.0004761	.0000423	.0000785	.0023610	.0001629	.000119
%RSD	68.53191	101.5031	6601.634	134.0413	42.07929	70.15357

#1	.0010978	.0000899	-.000085	.0039730	.0004193	-.000219
#2	.0001694	.0000104	.000020	.0020360	.0005313	-.000257
#3	.0008168	.0000249	.000068	-.000725	.0002104	-.000034

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .1844578	F .2557367	-.003664	-.002076	.0001199	.0004263
Stddev	.0048034	.0044631	.000152	.004162	.0002425	.0002047
%RSD	2.604062	1.745197	4.154451	200.4856	202.2344	48.02830

#1	.1899762	.2505945	-.003790	-.003087	.0002958	.0006236
#2	.1821816	.2586033	-.003707	-.005638	-.000157	.0004405
#3	.1812156	.2580123	-.003495	.002498	.000221	.0002148

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2251816	-.002256	.0271205	.1103979	-.002192	.0064633
Stddev	.1398876	.000525	.0023028	.0518571	.002417	.0011833
%RSD	62.12215	23.24725	8.491048	46.97286	110.2638	18.30762

#1	.1236646	-.002003	.0282004	.1620686	.000547	.0066996
#2	.1671316	-.002860	.0286850	.1107687	-.003099	.0075106
#3	.3847485	-.001907	.0244762	.0583565	-.004026	.0051797

Sample Name: CCB033 Acquired: 01/28/2020 17:28:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1068) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB033 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006981	.0050602	-.001538	.0006139	-.000175	F .0207283
Stddev	.0001499	.0035172	.000558	.0011094	.000228	.0033992
%RSD	21.46730	69.50596	36.27745	180.7143	129.8750	16.39905

#1	.0008684	.0046102	-.002164	.0018943	-.000367	.0235029
#2	.0006396	.0087807	-.001358	.0000076	.000076	.0217454
#3	.0005863	.0017897	-.001092	-.000060	-.000235	.0169366

Elem	Sr4077
Units	ppm
Avg	.0000128
Stddev	.0000159
%RSD	125.0610

#1	-.000005
#2	.000017
#3	.000026

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1888.437	4091.160	46761.17	10359.16	4620.675
Stddev	12.681	10.275	114.71	33.92	8.898
%RSD	.6715179	.2511435	.2453131	.3274194	.1925738

#1	1898.372	4084.150	46703.93	10343.34	4611.045
#2	1892.785	4086.375	46893.24	10336.05	4622.387
#3	1874.154	4102.954	46686.35	10398.10	4628.592