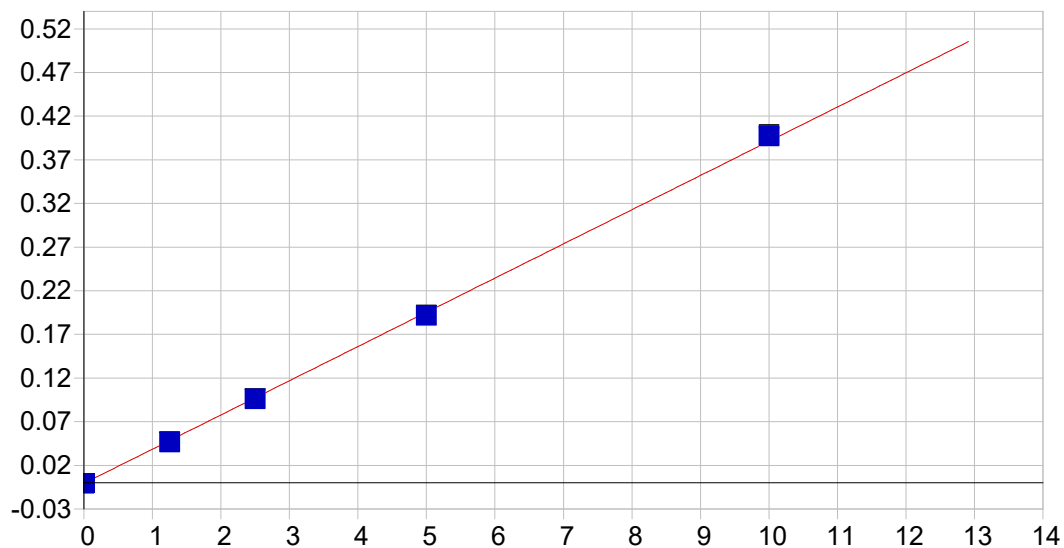


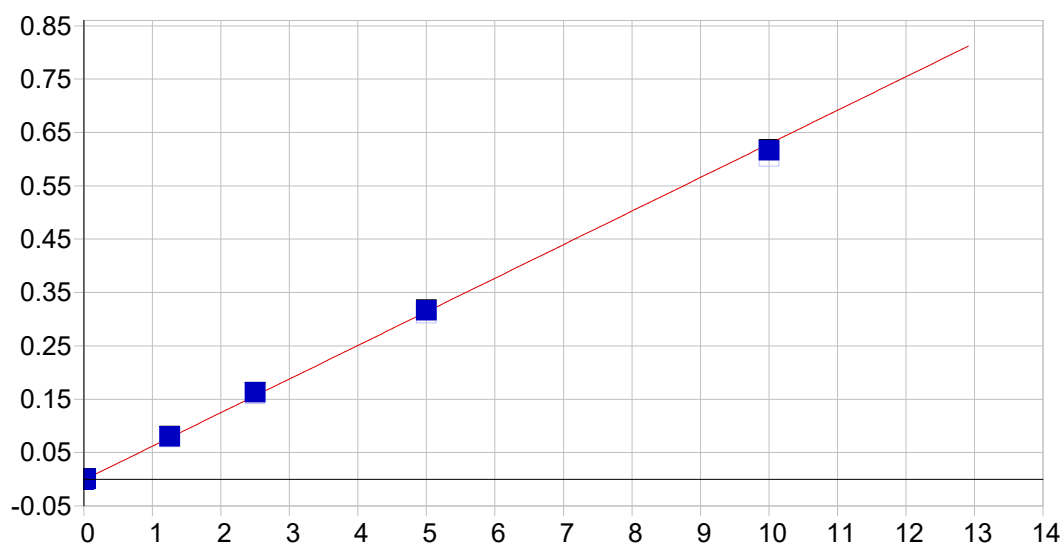


As 189.042 {479}

Date of Fit: 07/12/2019 10:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000684 Re-Slope: 1.000000
 A1 (Gain): 0.039193 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999833 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.004370
 Predicted MQL: 0.014566

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00068	.000	1
S1	.01000	.01144	.001	14.4	-.00024	.000	1
S2	1.2500	1.2060	-.044	-3.52	.04641	.000	1
S3	2.5000	2.4680	-.032	-1.28	.09569	.001	1
S4	5.0000	4.9141	-.086	-1.72	.19121	.000	1
S5	10.000	10.160	.160	1.60	.39613	.001	1

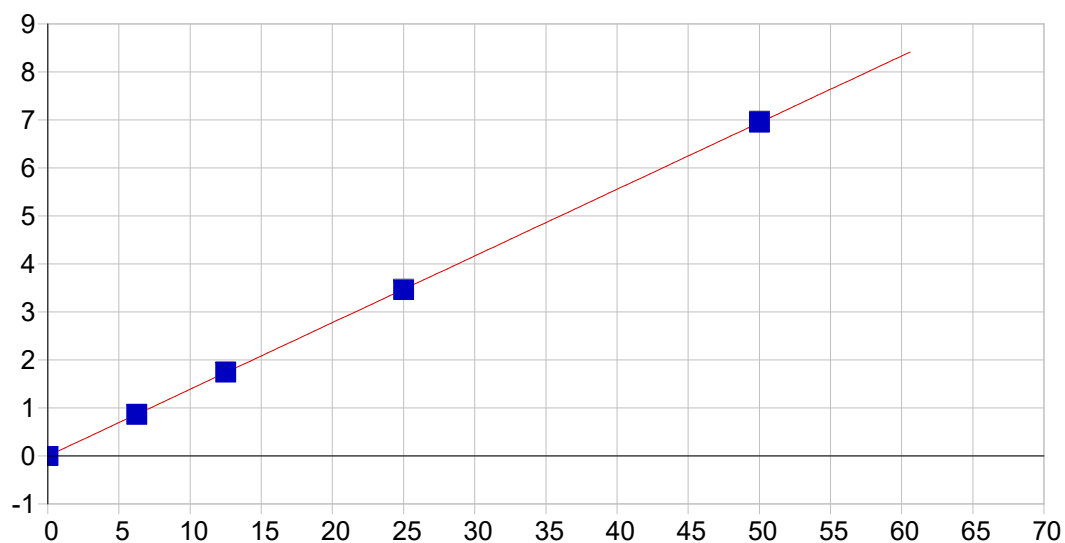


TI 190.856 {477}

Date of Fit: 07/12/2019 10:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001037 Re-Slope: 1.000000
 A1 (Gain): 0.062964 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999719 Status: OK.
 Std Error of Est: 0.000039
 Predicted MDL: 0.002281
 Predicted MQL: 0.007604

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00104	.000	1
S1	.02500	.02839	.003	13.6	.00068	.000	1
S2	1.2500	1.2936	.044	3.49	.07896	.000	1
S3	2.5000	2.5998	.100	3.99	.15975	.000	1
S4	5.0000	5.0473	.047	.945	.31095	.001	1
S5	10.000	9.8061	-.194	-1.94	.60478	.002	1

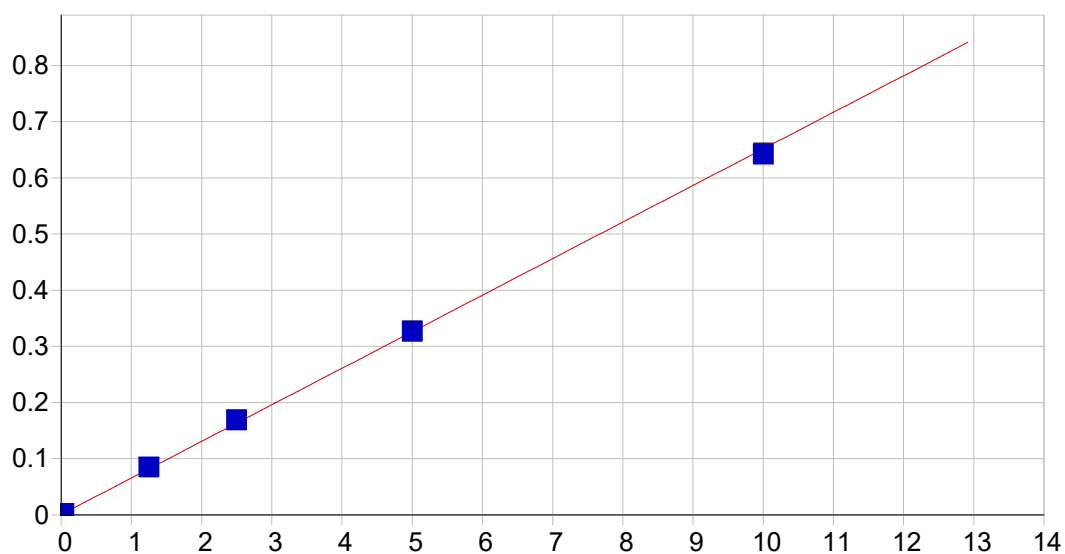


Pb 220.353 {453}

Date of Fit: 07/12/2019 10:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000153	Re-Slope:	1.000000
A1 (Gain):	0.138869	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999995	Status:	OK.
Std Error of Est:	0.000016		
Predicted MDL:	0.002123		
Predicted MQL:	0.007078		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00015	.000	1
S1	.01000	.01141	.001	14.1	.00143	.000	1
S2	6.2500	6.2106	-.039	-.630	.86248	.001	1
S3	12.500	12.553	.053	.423	1.7434	.003	1
S4	25.000	24.940	-.060	-.239	3.4640	.007	1
S5	50.000	50.045	.045	.090	6.9509	.019	1

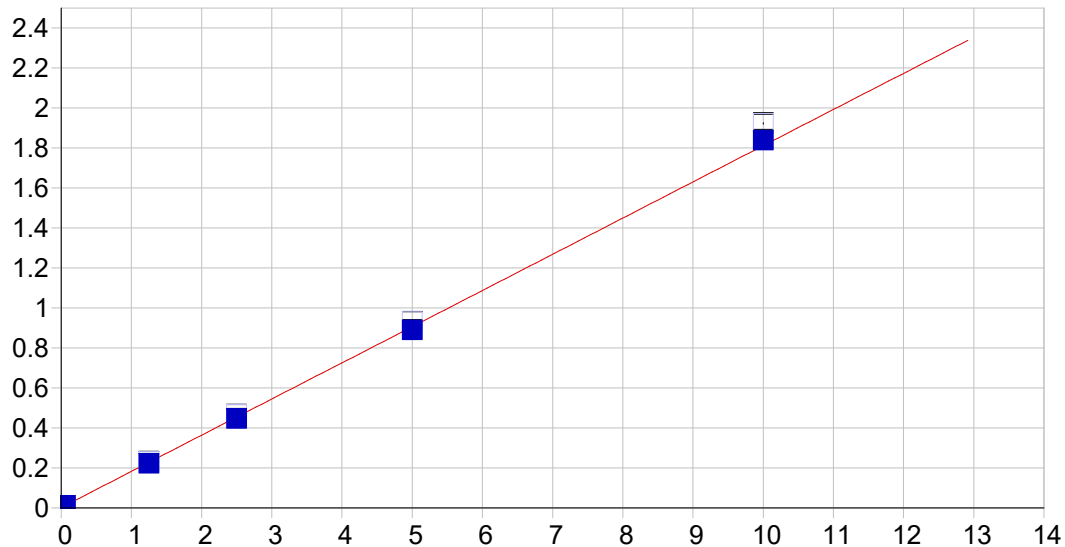


Se 196.090 {472}

Date of Fit: 07/12/2019 10:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000654 Re-Slope: 1.000000
 A1 (Gain): 0.065098 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999799 Status: OK.
 Std Error of Est: 0.000041
 Predicted MDL: 0.003504
 Predicted MQL: 0.011679

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00065	.000	1
S1	.03500	.04112	.006	17.5	.00333	.000	1
S2	1.2500	1.2936	.044	3.49	.08465	.000	1
S3	2.5000	2.5846	.085	3.39	.16848	.000	1
S4	5.0000	5.0080	.008	.160	.32581	.001	1
S5	10.000	9.8576	-.142	-1.42	.64065	.002	1

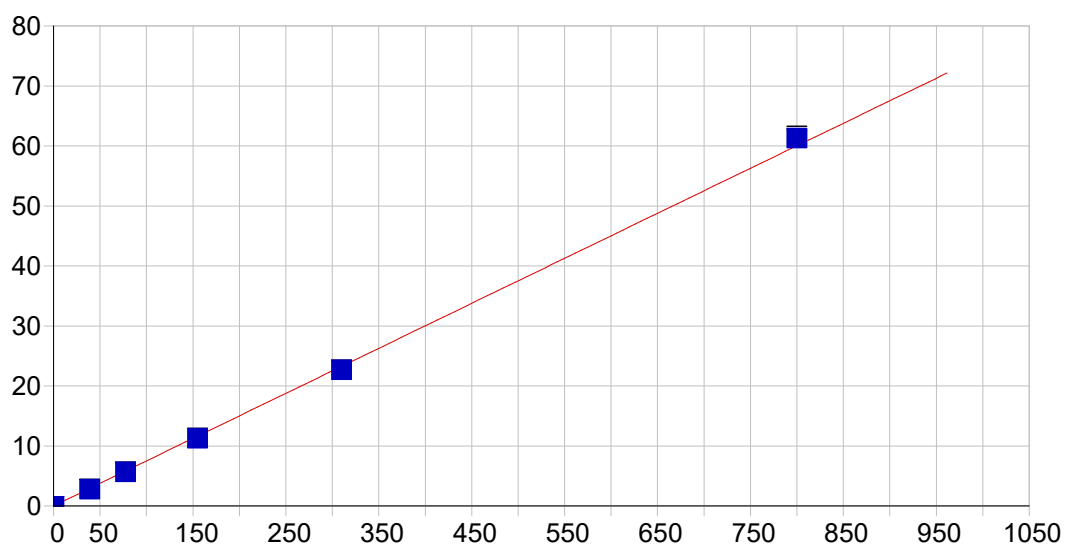


Sb 206.833 {463}

Date of Fit: 07/12/2019 10:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001480 Re-Slope: 1.000000
 A1 (Gain): 0.180979 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999867 Status: OK.
 Std Error of Est: 0.000127
 Predicted MDL: 0.001780
 Predicted MQL: 0.005935

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00148	.000	1
S1	.06000	.06243	.002	4.05	.01279	.000	1
S2	1.2500	1.2180	-.032	-2.56	.23233	.001	1
S3	2.5000	2.4627	-.037	-1.49	.46801	.001	1
S4	5.0000	4.9113	-.089	-1.77	.93198	.001	1
S5	10.000	10.156	.156	1.56	1.9228	.004	1

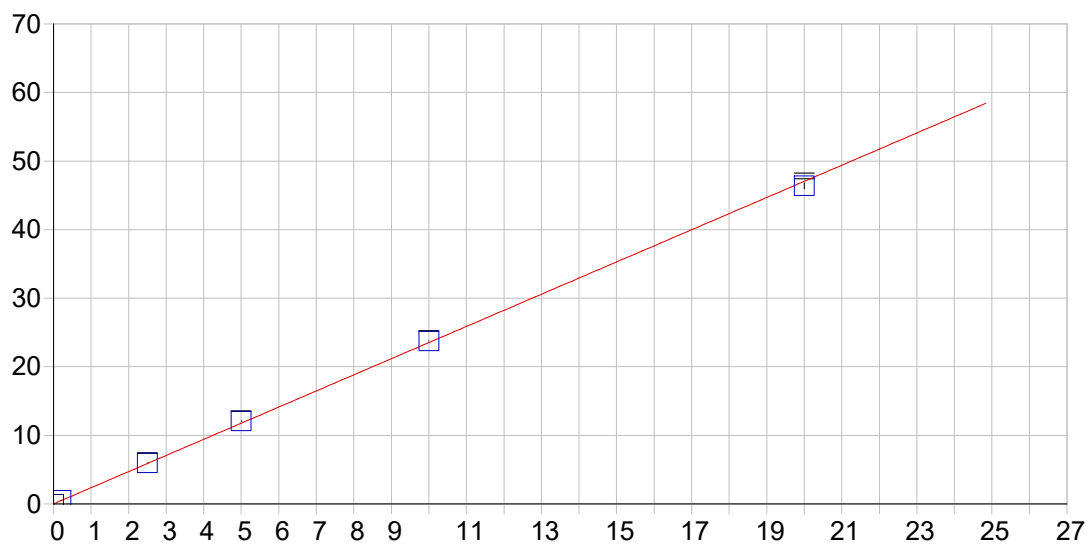


AI 396.152 { 85}

Date of Fit: 07/12/2019 10:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003317 Re-Slope: 1.000000
 A1 (Gain): 0.075022 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999698 Status: OK.
 Std Error of Est: 0.001148
 Predicted MDL: 0.009738
 Predicted MQL: 0.032459

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00332	.000	1
S1	.20000	.19726	-.003	-1.37	.01837	.000	1
S2	38.750	37.129	-1.62	-4.18	2.7946	.002	1
S3	77.500	75.342	-2.16	-2.79	5.6672	.017	1
S4	155.00	150.31	-4.69	-3.03	11.303	.025	1
S5	310.00	301.78	-8.22	-2.65	22.690	.051	1
S6	800.00	816.72	16.7	2.09	61.313	.331	1

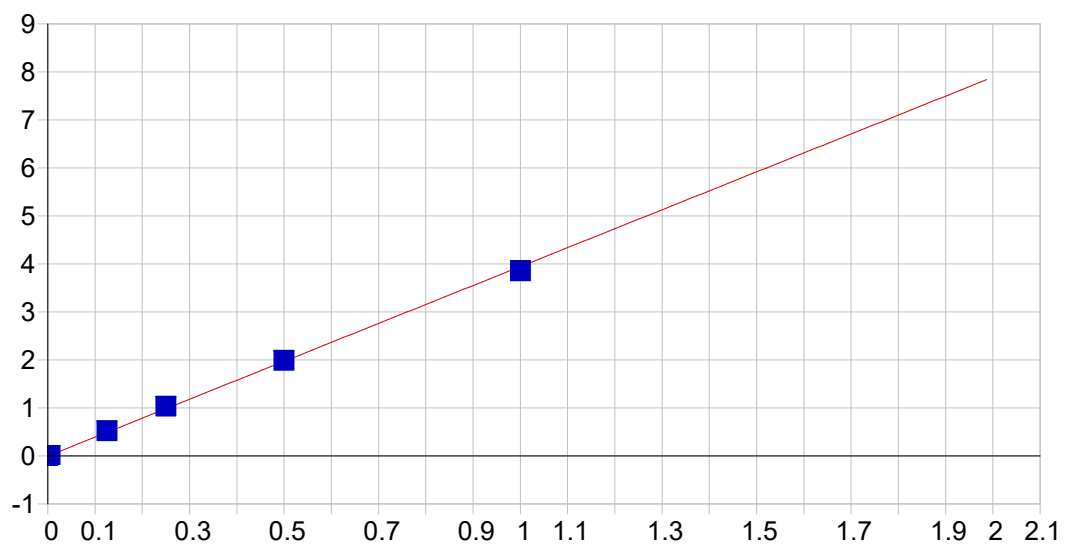


Ba 493.409 { 68}

Date of Fit: 07/12/2019 10:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.012757	Re-Slope:	1.000000
A1 (Gain):	2.351471	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999869	Status:	OK.
Std Error of Est:	0.004047		
Predicted MDL:	0.000971		
Predicted MQL:	0.003236		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.01271	.002	1
S1	.20000	.21280	.013	6.40	.51316	.004	1
S2	2.5000	2.5311	.031	1.24	5.9646	.012	1
S3	5.0000	5.1368	.137	2.74	12.092	.016	1
S4	10.000	10.100	.100	.998	23.762	.028	1
S5	20.000	19.719	-.281	-1.40	46.382	.421	1

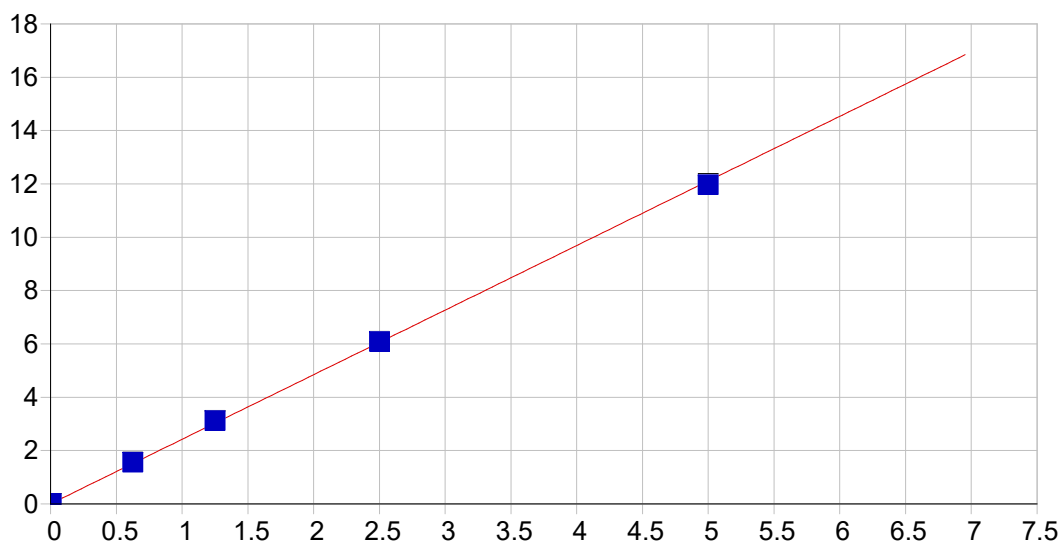


Be 234.861 {144}

Date of Fit: 07/12/2019 10:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002512 Re-Slope: 1.000000
 A1 (Gain): 3.946398 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999590 Status: OK.
 Std Error of Est: 0.000423
 Predicted MDL: 0.000075
 Predicted MQL: 0.000249

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00252	.000	1
S1	.00500	.00557	.001	11.3	.01944	.000	1
S2	.12500	.13173	.007	5.38	.51570	.003	1
S3	.25000	.26193	.012	4.77	1.0279	.005	1
S4	.50000	.50339	.003	.677	1.9775	.010	1
S5	1.0000	.97738	-.023	-2.26	3.8415	.008	1

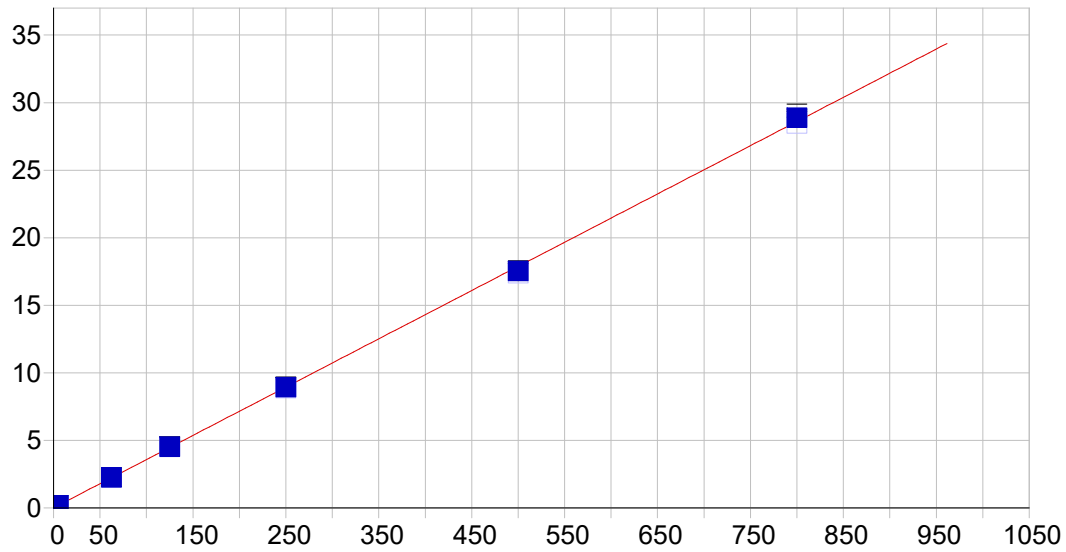


Cd 214.438 {457}

Date of Fit: 07/12/2019 10:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001118	Re-Slope:	1.000000
A1 (Gain):	2.422101	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999877	Status:	OK.
Std Error of Est:	0.000319		
Predicted MDL:	0.000098		
Predicted MQL:	0.000327		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00112	.000	1
S1	.00500	.00555	.001	11.1	.01457	.000	1
S2	.62500	.64149	.016	2.64	1.5572	.003	1
S3	1.2500	1.2857	.036	2.86	3.1199	.008	1
S4	2.5000	2.5089	.009	.357	6.0873	.009	1
S5	5.0000	4.9383	-.062	-1.23	11.981	.033	1

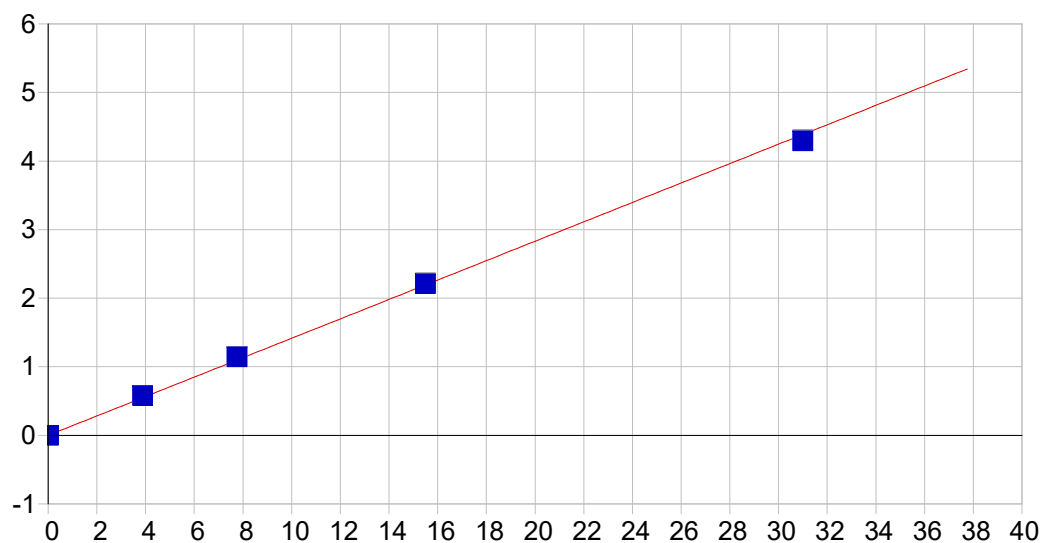


Ca 373.690 { 90}

Date of Fit: 07/12/2019 10:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001747 Re-Slope: 1.000000
 A1 (Gain): 0.035751 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999900 Status: OK.
 Std Error of Est: 0.001747
 Predicted MDL: 0.015351
 Predicted MQL: 0.051170

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00048	-.000	.000	.00173	.000	1
S1	5.0000	5.4488	.449	8.98	.19649	.001	1
S2	62.500	62.747	.247	.395	2.2250	.008	1
S3	125.00	126.68	1.68	1.34	4.4906	.026	1
S4	250.00	249.79	-.214	-.086	8.8520	.029	1
S5	500.00	490.01	-9.99	-2.00	17.360	.026	1
S6	800.00	807.88	7.88	.985	28.458	.274	1

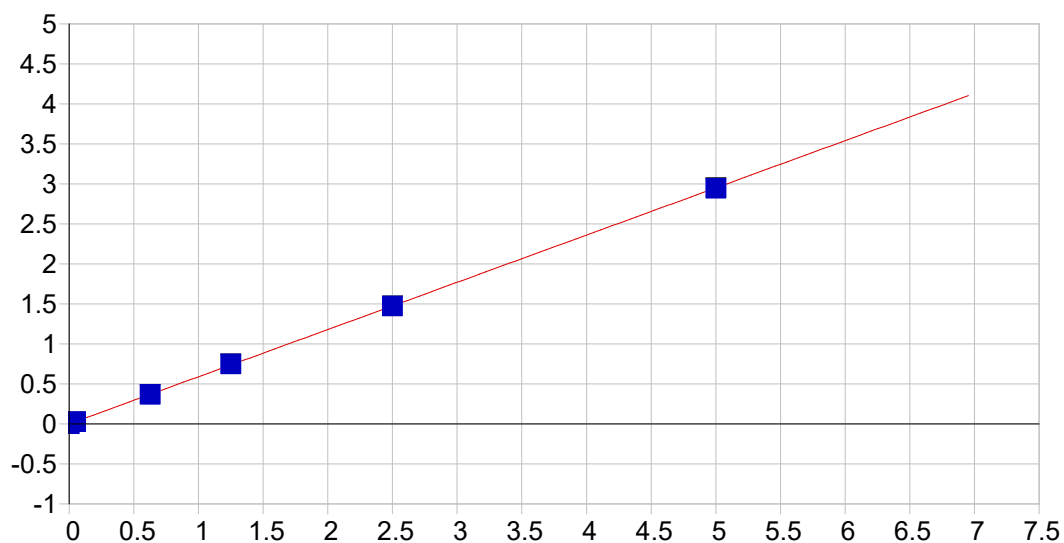


Cr 267.716 {126}

Date of Fit: 07/12/2019 10:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000063 Re-Slope: 1.000000
 A1 (Gain): 0.141533 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999645 Status: OK.
 Std Error of Est: 0.000112
 Predicted MDL: 0.000552
 Predicted MQL: 0.001839

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00006	.000	1
S1	.01000	.01264	.003	26.4	.00173	.000	1
S2	3.8750	4.0789	.204	5.26	.57792	.001	1
S3	7.7500	8.0819	.332	4.28	1.1452	.003	1
S4	15.500	15.635	.135	.871	2.2155	.003	1
S5	31.000	30.326	-.674	-2.17	4.2976	.008	1

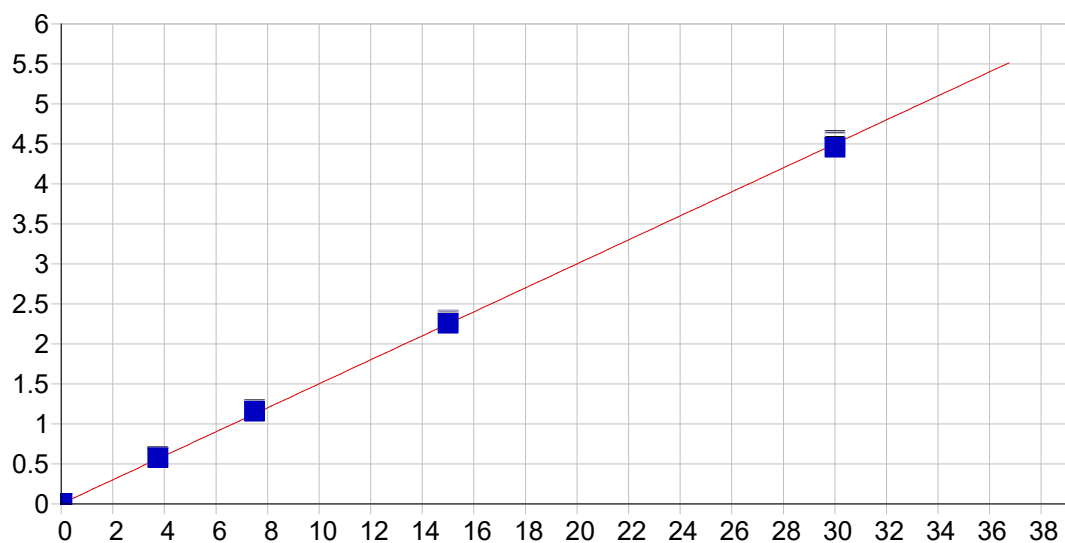


Co 228.616 {448}

Date of Fit: 07/12/2019 10:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000568 Re-Slope: 1.000000
 A1 (Gain): 0.590214 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986 Status: OK.
 Std Error of Est: 0.000084
 Predicted MDL: 0.000336
 Predicted MQL: 0.001120

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00057	.000	1
S1	.05000	.05120	.001	2.41	.02976	.000	1
S2	.62500	.62255	-.002	-.392	.36746	.000	1
S3	1.2500	1.2658	.016	1.27	.74772	.001	1
S4	2.5000	2.4981	-.002	-.075	1.4762	.002	1
S5	5.0000	4.9873	-.013	-.254	2.9477	.009	1

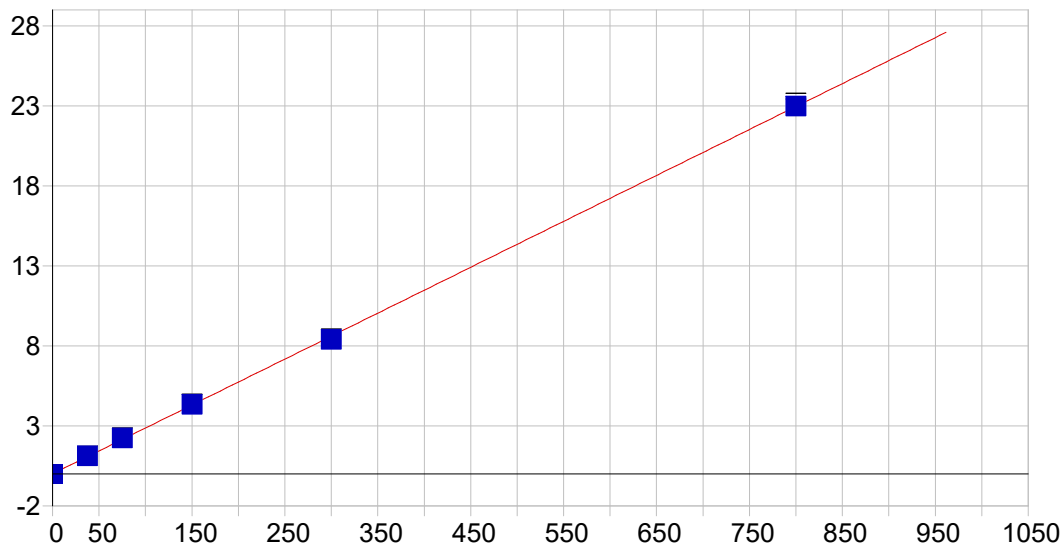


Cu 324.754 {104}

Date of Fit: 07/12/2019 10:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001114 Re-Slope: 1.000000
 A1 (Gain): 0.149992 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999916 Status: OK.
 Std Error of Est: 0.000091
 Predicted MDL: 0.002770
 Predicted MQL: 0.009234

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00111	.000	1
S1	.02500	.02575	.001	2.99	.00573	.000	1
S2	3.7500	3.8333	.083	2.22	.58509	.001	1
S3	7.5000	7.6876	.188	2.50	1.1722	.002	1
S4	15.000	15.033	.033	.218	2.2920	.003	1
S5	30.000	29.696	-.304	-1.01	4.5274	.013	1

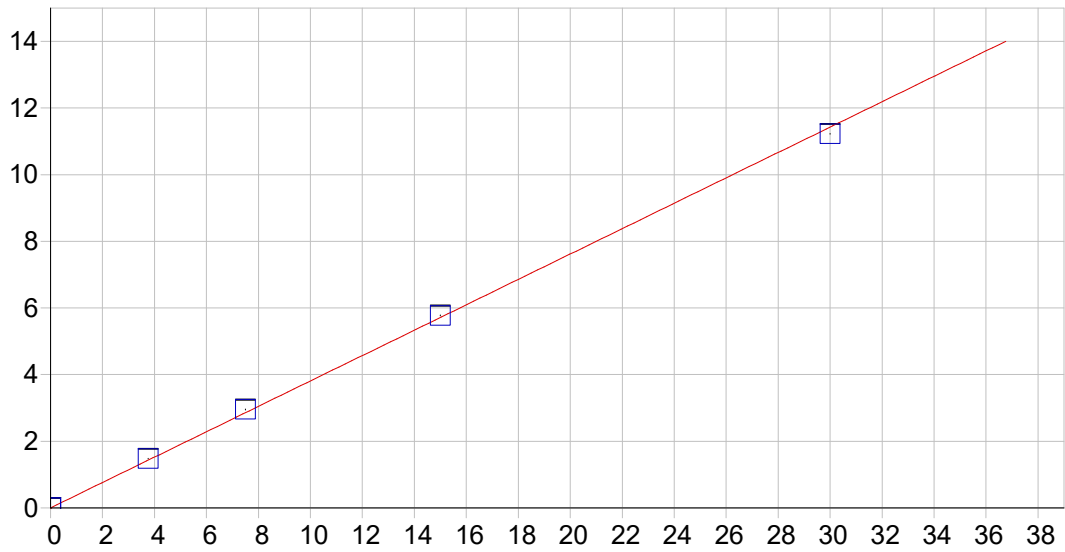


Fe 259.837 {130}

Date of Fit: 07/12/2019 10:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000004 Re-Slope: 1.000000
 A1 (Gain): 0.028701 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999853 Status: OK.
 Std Error of Est: 0.000215
 Predicted MDL: 0.008233
 Predicted MQL: 0.027444

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00000	.000	1
S1	.10000	.12165	.022	21.6	.00361	.000	1
S2	37.500	39.352	1.85	4.94	1.1317	.003	1
S3	75.000	78.083	3.08	4.11	2.2455	.008	1
S4	150.00	151.52	1.52	1.01	4.3577	.002	1
S5	300.00	293.00	-7.00	-2.33	8.4272	.014	1
S6	800.00	800.52	.523	.065	23.005	.178	1

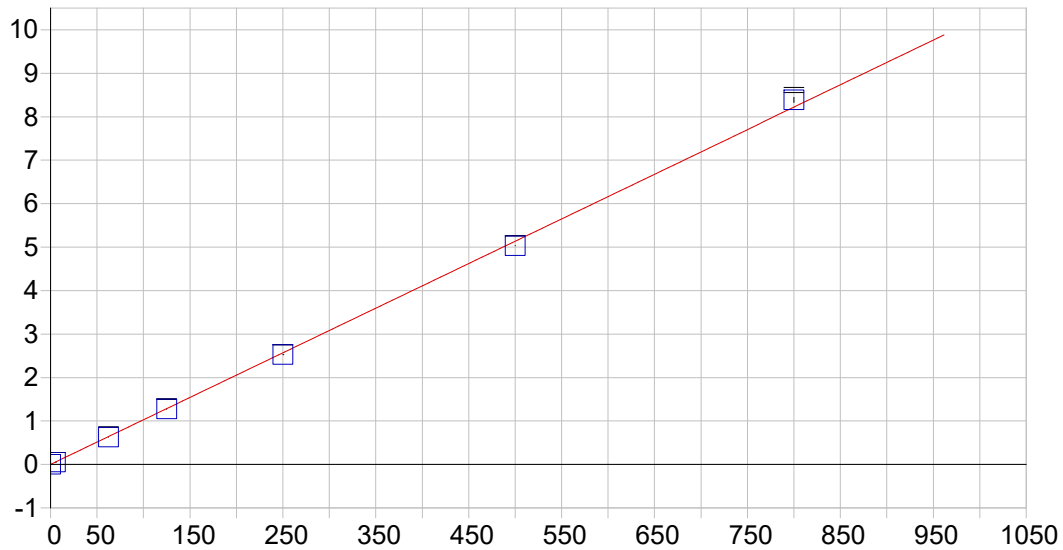


Mn 257.610 {131}

Date of Fit: 07/12/2019 10:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000356 Re-Slope: 1.000000
 A1 (Gain): 0.380934 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999783 Status: OK.
 Std Error of Est: 0.000282
 Predicted MDL: 0.000518
 Predicted MQL: 0.001725

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00035	.000	1
S1	.01500	.01756	.003	17.0	.00704	.000	1
S2	3.7500	3.8733	.123	3.29	1.4758	.008	1
S3	7.5000	7.7538	.254	3.38	2.9541	.016	1
S4	15.000	15.159	.159	1.06	5.7749	.015	1
S5	30.000	29.462	-.538	-1.79	11.223	.009	1

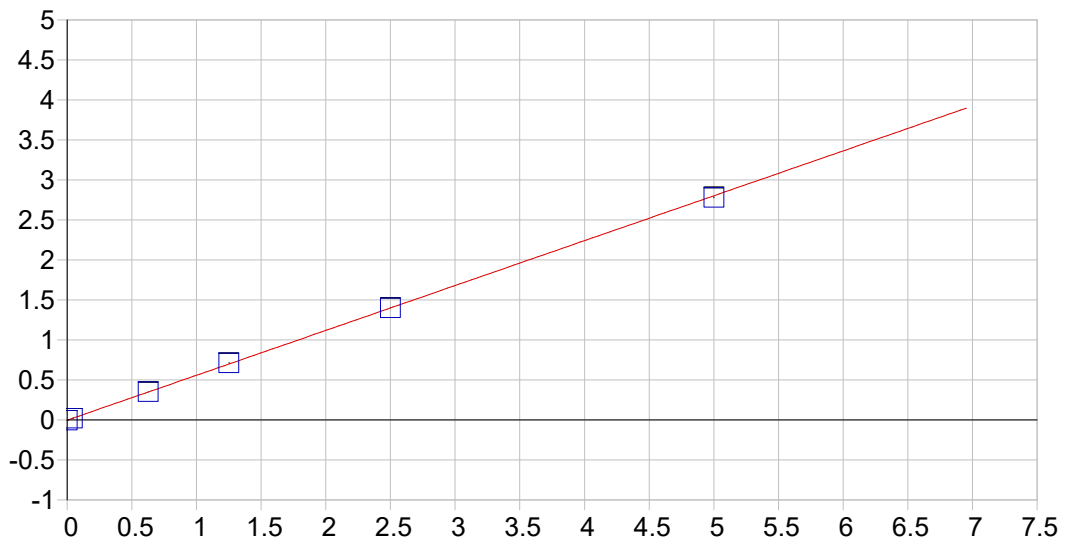


Mg 279.079 {121}

Date of Fit: 07/12/2019 10:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000107 Re-Slope: 1.000000
 A1 (Gain): 0.010274 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999812 Status: OK.
 Std Error of Est: 0.000696
 Predicted MDL: 0.026134
 Predicted MQL: 0.087113

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00009	-.000	.000	-.00011	.000	1
S1	5.0000	5.3055	.305	6.11	.05440	.000	1
S2	62.500	61.202	-1.30	-2.08	.62871	.002	1
S3	125.00	124.17	-.831	-.665	1.2757	.006	1
S4	250.00	245.96	-4.04	-1.62	2.5269	.003	1
S5	500.00	489.69	-10.3	-2.06	5.0311	.005	1
S6	800.00	816.18	16.2	2.02	8.3856	.057	1

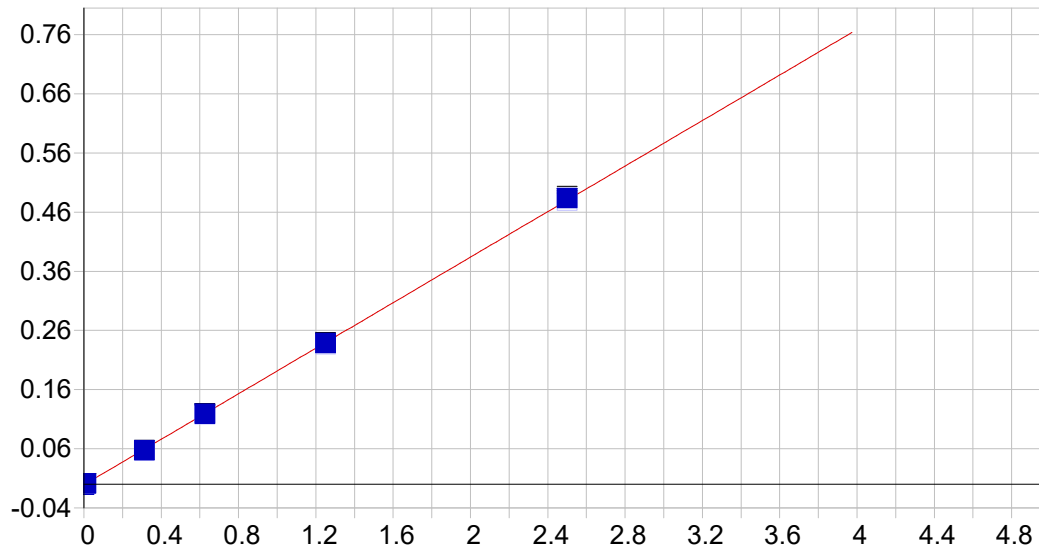


Ni 231.604 {446}

Date of Fit: 07/12/2019 10:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.003034	Re-Slope:	1.000000
A1 (Gain):	0.560944	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999946	Status:	OK.
Std Error of Est:	0.000138		
Predicted MDL:	0.000469		
Predicted MQL:	0.001563		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00304	.000	1
S1	.04000	.04340	.003	8.50	.02131	.000	1
S2	.62500	.63036	.005	.858	.35057	.001	1
S3	1.2500	1.2728	.023	1.83	.71096	.001	1
S4	2.5000	2.5038	.004	.152	1.4015	.002	1
S5	5.0000	4.9646	-.035	-.708	2.7818	.005	1

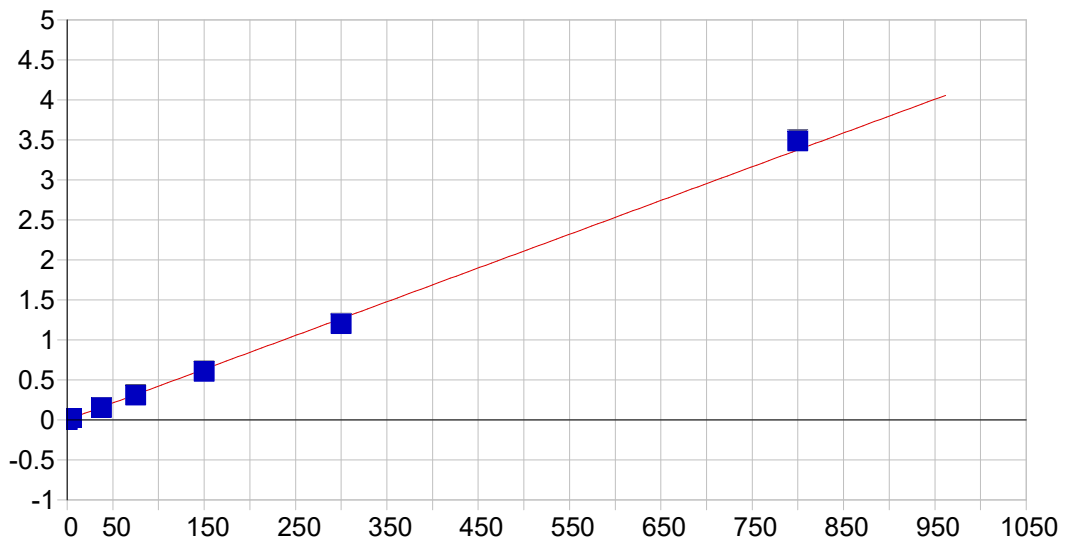


Ag 328.068 {103}

Date of Fit: 07/12/2019 10:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000921 Re-Slope: 1.000000
 A1 (Gain): 0.192428 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999944 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.000596
 Predicted MQL: 0.001987

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00092	.000	1
S1	.01000	.01083	.001	8.27	.00115	.000	1
S2	.31250	.30296	-.010	-3.05	.05686	.000	1
S3	.62500	.62289	-.002	-.337	.11791	.001	1
S4	1.2500	1.2437	-.006	-.501	.23635	.001	1
S5	2.5000	2.5171	.017	.683	.47932	.004	1

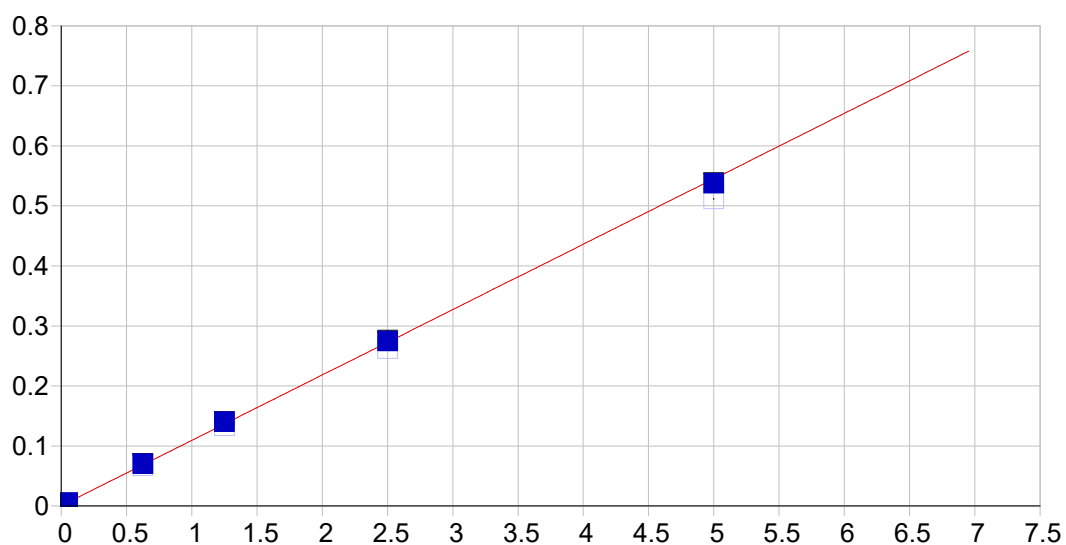


Na 818.326 { 41}

Date of Fit: 07/12/2019 10:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000457 Re-Slope: 1.000000
 A1 (Gain): 0.004219 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999242 Status: OK.
 Std Error of Est: 0.000510
 Predicted MDL: 0.315732
 Predicted MQL: 1.052441

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00042	.000	.000	.00046	.002	1
S1	5.0000	5.2531	.253	5.06	.02262	.001	1
S2	37.500	35.904	-1.60	-4.26	.15263	.002	1
S3	75.000	72.935	-2.06	-2.75	.30957	.002	1
S4	150.00	143.41	-6.59	-4.39	.60830	.001	1
S5	300.00	284.19	-15.8	-5.27	1.2050	.002	1
S6	800.00	825.81	25.8	3.23	3.4994	.005	1

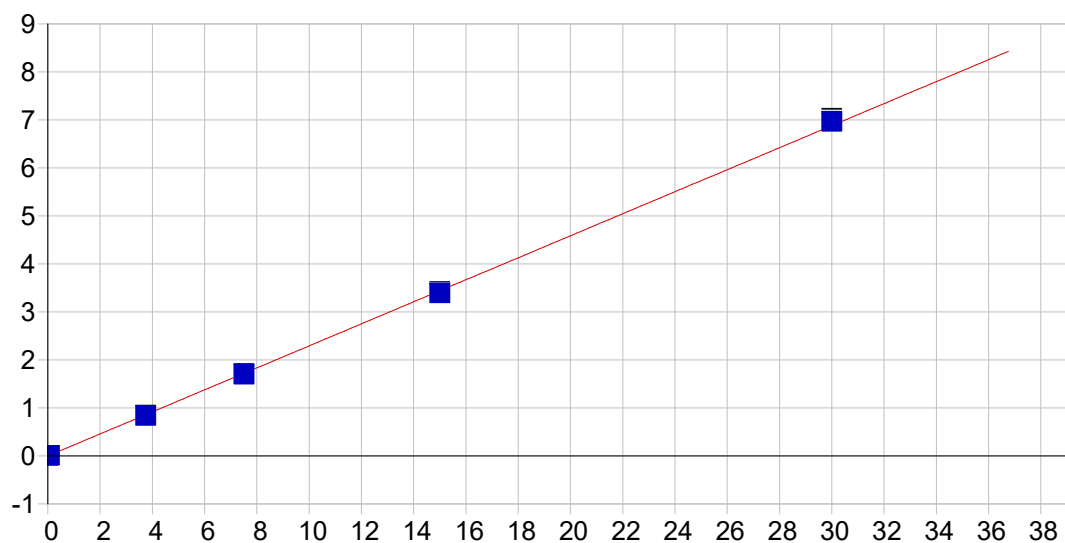


V 292.402 {115}

Date of Fit: 07/12/2019 10:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000250	Re-Slope:	1.000000
A1 (Gain):	0.108980	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999861	Status:	OK.
Std Error of Est:	0.000046		
Predicted MDL:	0.002883		
Predicted MQL:	0.009611		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00025	.000	1
S1	.05000	.04900	-.001	-2.00	.00558	.000	1
S2	.62500	.64178	.017	2.69	.06693	.000	1
S3	1.2500	1.2832	.033	2.65	.13356	.000	1
S4	2.5000	2.5181	.018	.722	.26161	.001	1
S5	5.0000	4.9330	-.067	-1.34	.51173	.001	1

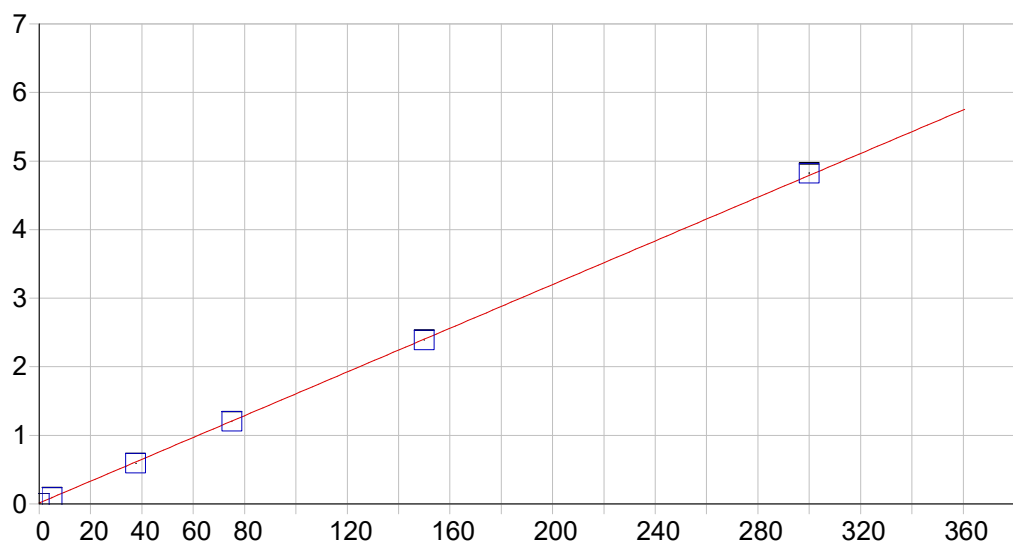


Zn 213.856 {158}

Date of Fit: 07/12/2019 10:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000175	Re-Slope:	1.000000
A1 (Gain):	0.229341	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999896	Status:	OK.
Std Error of Est:	0.000235		
Predicted MDL:	0.002077		
Predicted MQL:	0.006925		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00018	.000	1
S1	.06000	.06276	.003	4.61	.01426	.000	1
S2	3.7500	3.6517	-.098	-2.62	.83872	.008	1
S3	7.5000	7.3991	-.101	-1.34	1.6996	.012	1
S4	15.000	14.805	-.195	-1.30	3.4008	.018	1
S5	30.000	30.392	.392	1.31	6.9812	.051	1

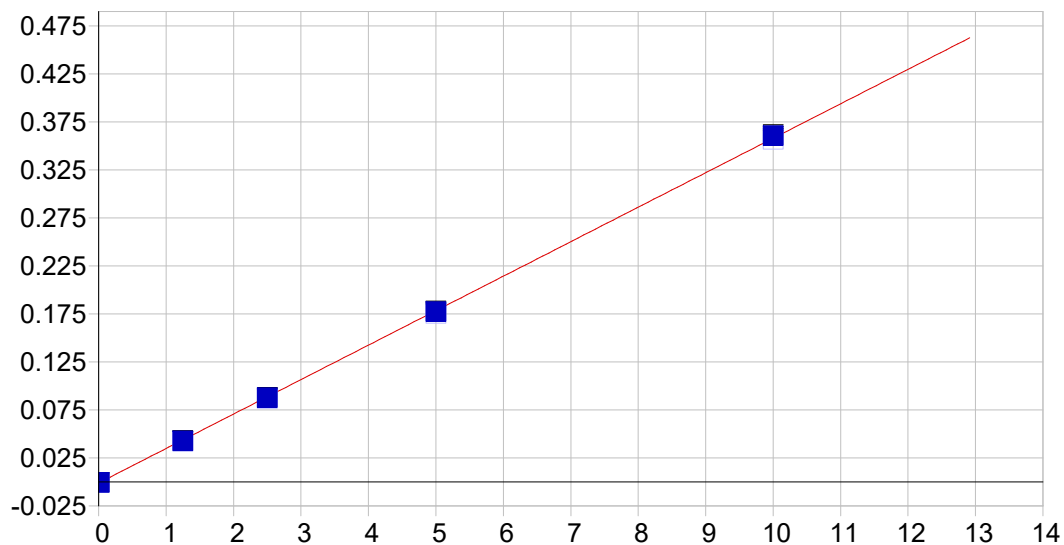


K 769.896 { 44}

Date of Fit: 07/12/2019 10:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.013132 Re-Slope: 1.000000
 A1 (Gain): 0.015927 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954 Status: OK.
 Std Error of Est: 0.000316
 Predicted MDL: 0.076965
 Predicted MQL: 0.256551

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.01313	.001	1
S1	5.0000	5.1580	.158	3.16	.09528	.002	1
S2	37.500	36.455	-1.05	-2.79	.59374	.001	1
S3	75.000	74.738	-.262	-.349	1.2035	.003	1
S4	150.00	149.18	-.825	-.550	2.3890	.004	1
S5	300.00	301.97	1.97	.658	4.8226	.012	1

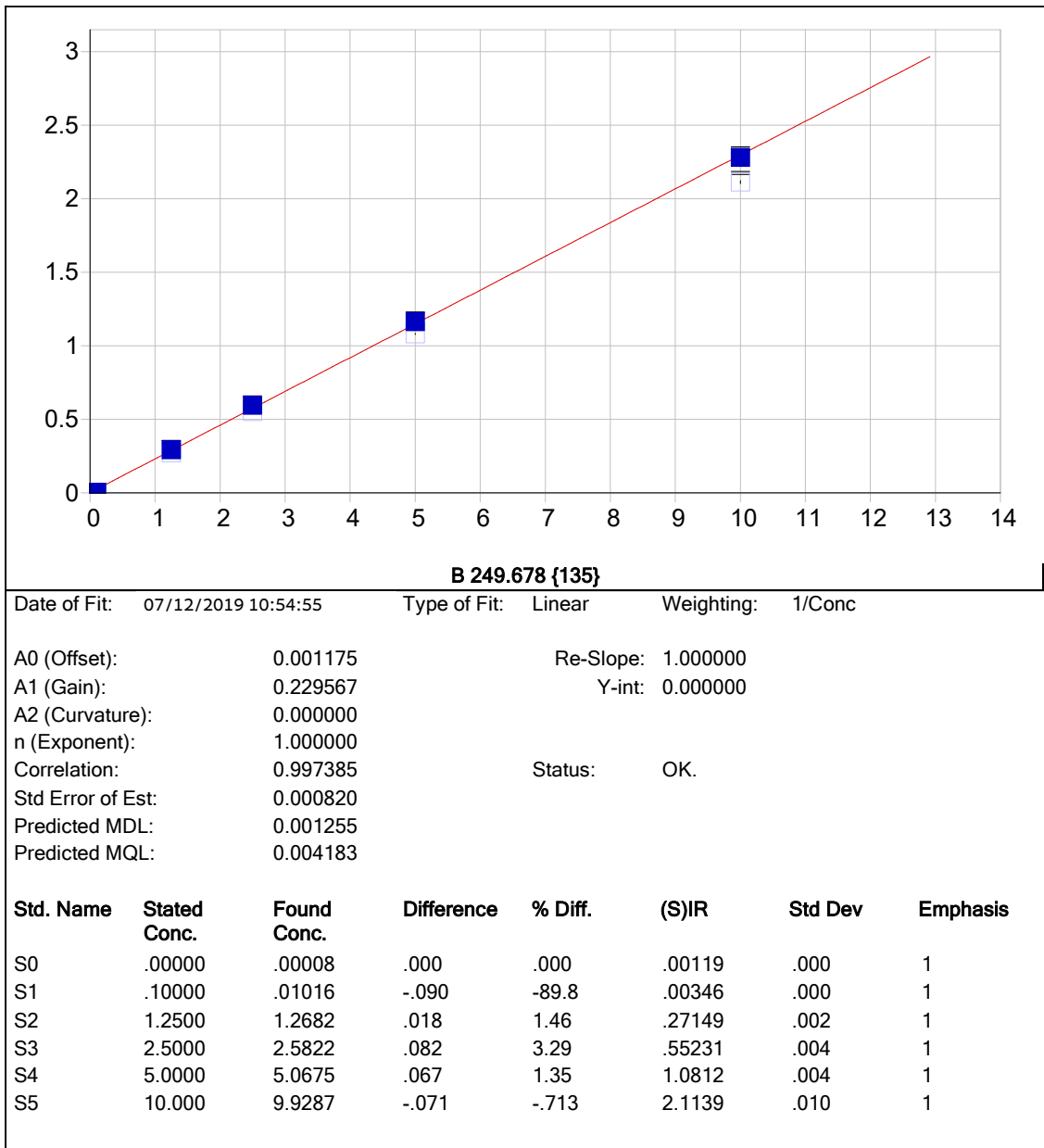


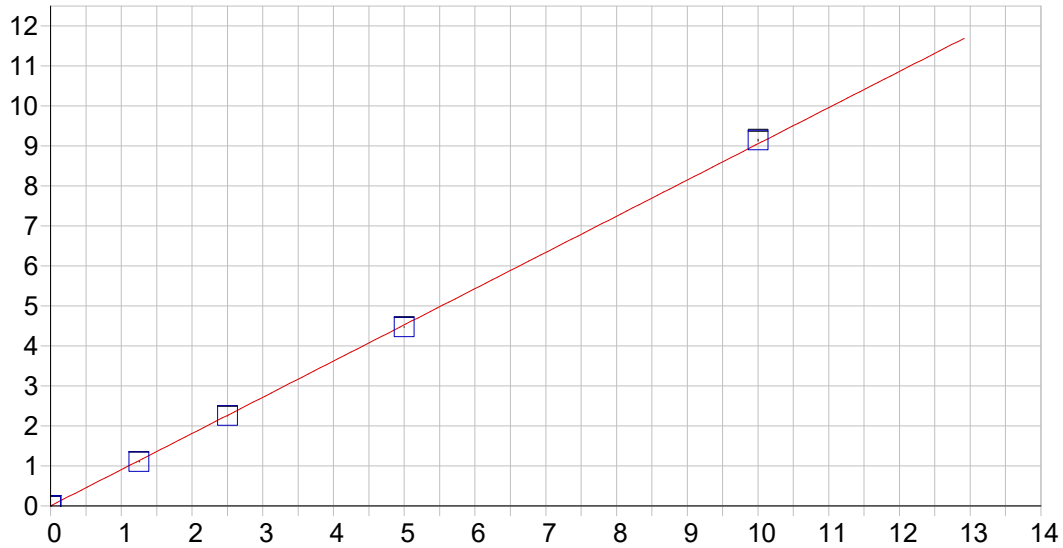
P 177.495 {490}

Date of Fit: 07/12/2019 10:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001120 Re-Slope: 1.000000
 A1 (Gain): 0.035907 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.003079
 Predicted MQL: 0.010264

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00112	.000	1
S1	.01000	.01034	.000	3.38	-.00075	.000	1
S2	1.2500	1.2195	-.030	-2.44	.04217	.000	1
S3	2.5000	2.4760	-.024	-.962	.08678	.000	1
S4	5.0000	4.9745	-.025	-.509	.17549	.001	1
S5	10.000	10.080	.080	.796	.35678	.001	1



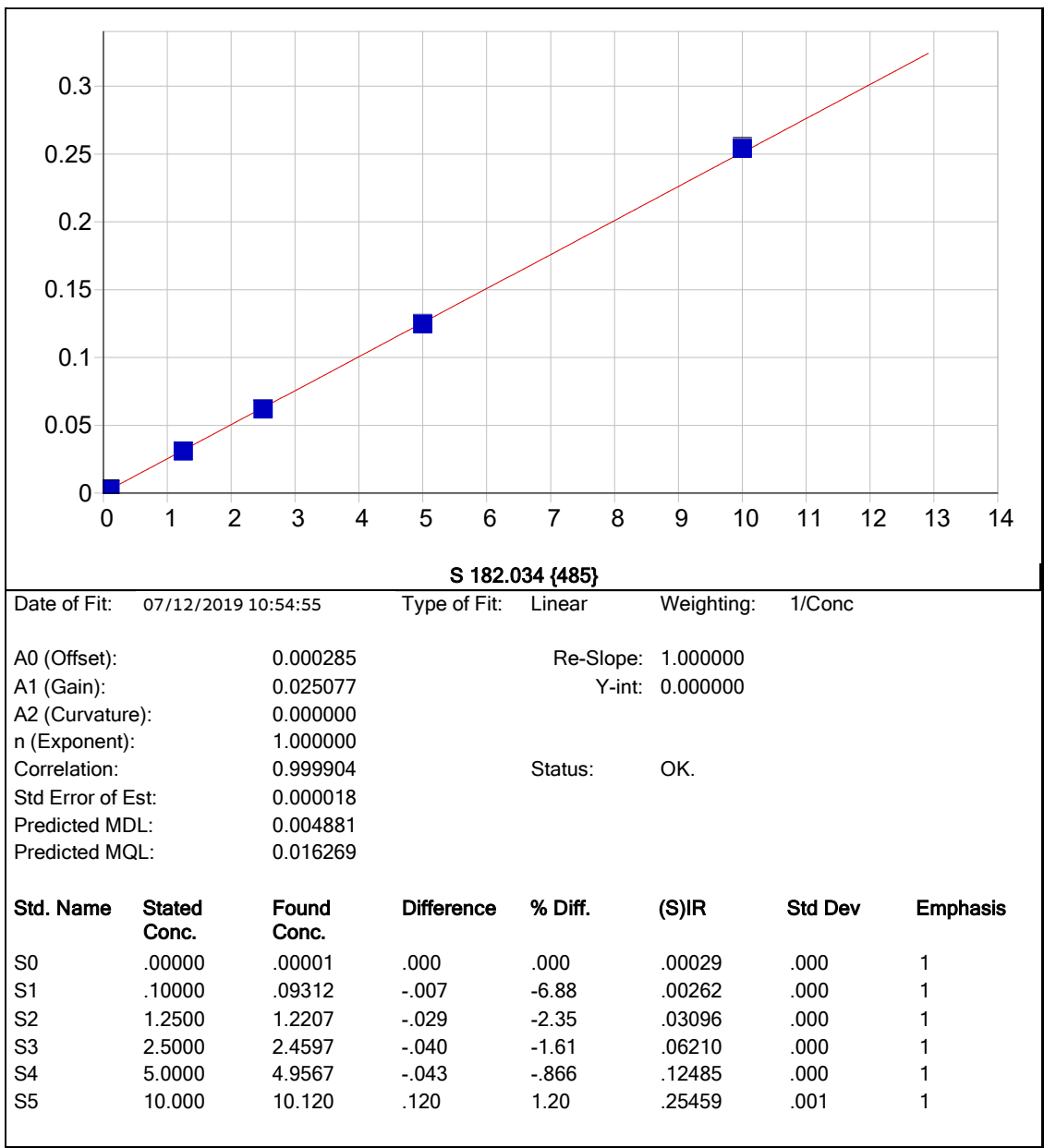


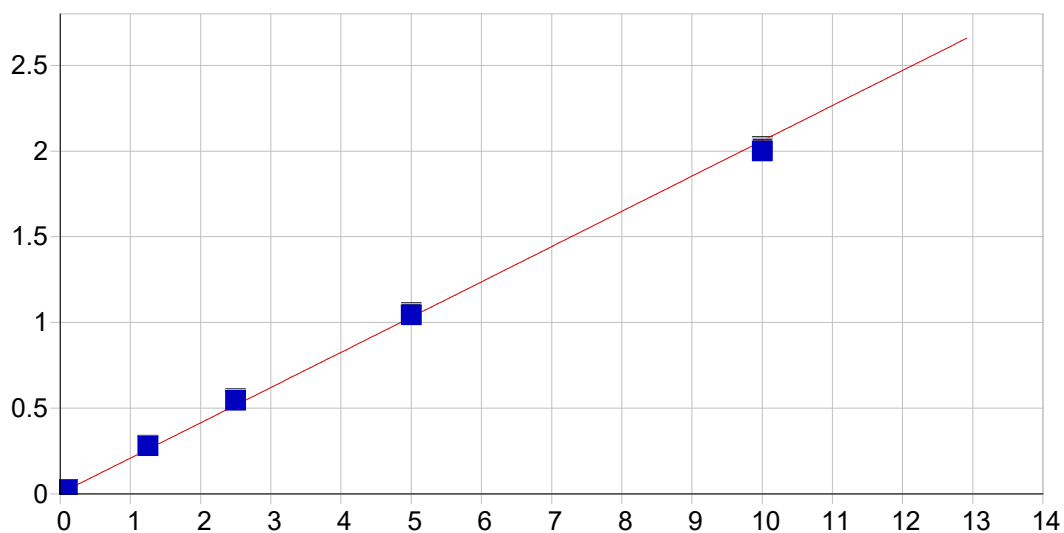
Mo 202.030 {467}

Date of Fit: 07/12/2019 10:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000762 Re-Slope: 1.000000
 A1 (Gain): 0.905417 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929 Status: OK.
 Std Error of Est: 0.000181
 Predicted MDL: 0.000322
 Predicted MQL: 0.001072

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00076	.000	1
S1	.01000	.01023	.000	2.30	.01002	.000	1
S2	1.2500	1.2198	-.030	-2.41	1.1052	.003	1
S3	2.5000	2.4878	-.012	-.488	2.2533	.006	1
S4	5.0000	4.9378	-.062	-1.24	4.4715	.006	1
S5	10.000	10.104	.104	1.04	9.1494	.023	1



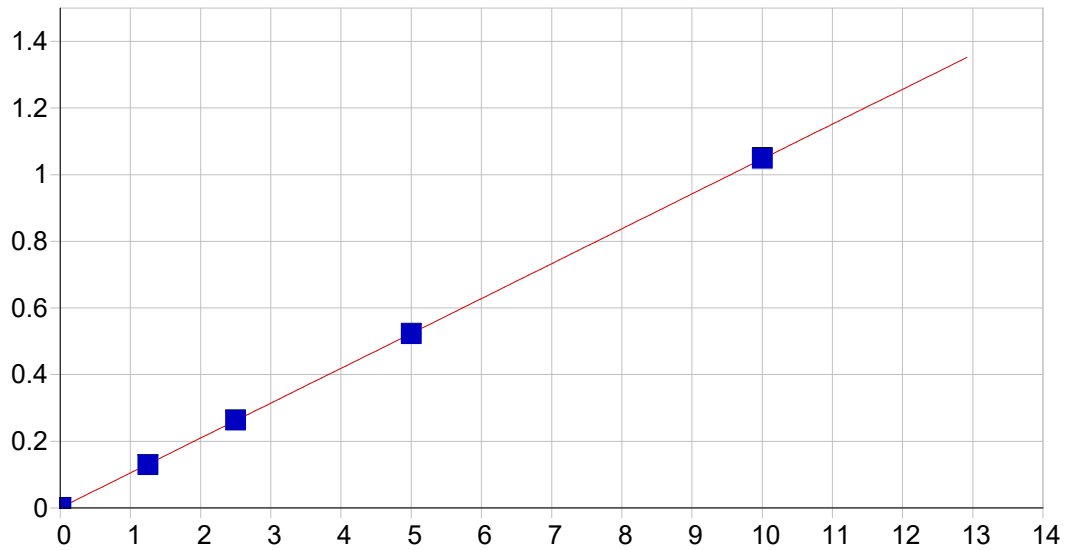


Si 251.611 {134}

Date of Fit: 07/12/2019 10:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003491 Re-Slope: 1.000000
 A1 (Gain): 0.205584 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999390 Status: OK.
 Std Error of Est: 0.000385
 Predicted MDL: 0.001437
 Predicted MQL: 0.004791

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00349	.000	1
S1	.10000	.10505	.005	5.05	.02516	.000	1
S2	1.2500	1.3405	.091	7.24	.28136	.002	1
S3	2.5000	2.6385	.139	5.54	.55047	.004	1
S4	5.0000	5.0548	.055	1.10	1.0518	.004	1
S5	10.000	9.7111	-.289	-2.89	2.0181	.006	1

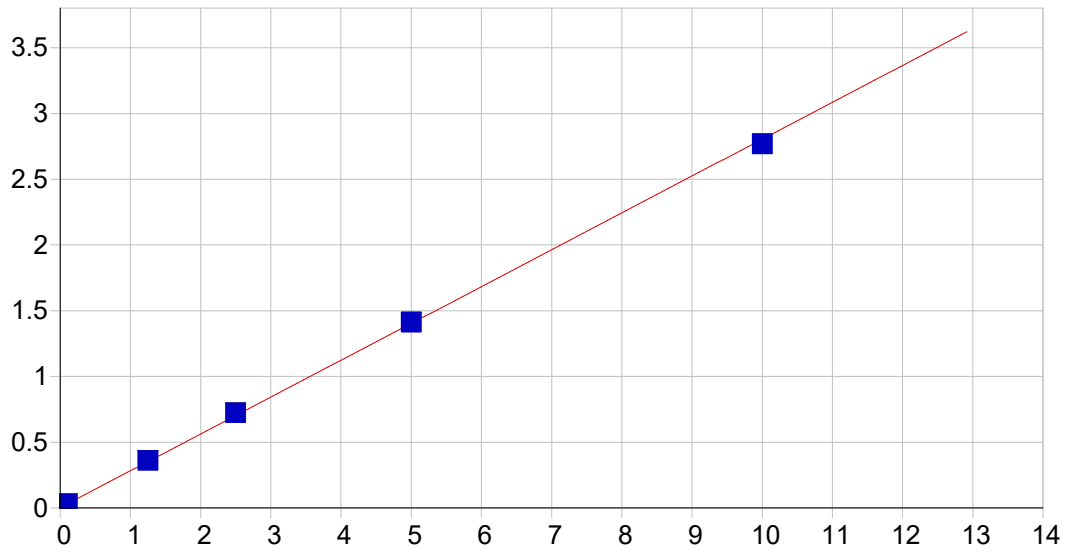


Sn 189.989 {478}

Date of Fit: 07/12/2019 10:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000296 Re-Slope: 1.000000
 A1 (Gain): 0.104658 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.001157
 Predicted MQL: 0.003857

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00030	.000	1
S1	.00700	.00596	-.001	-14.9	.00090	.000	1
S2	1.2500	1.2338	-.016	-1.30	.12915	.000	1
S3	2.5000	2.5114	.011	.456	.26259	.001	1
S4	5.0000	4.9929	-.007	-.143	.52176	.001	1
S5	10.000	10.013	.013	.129	1.0461	.003	1

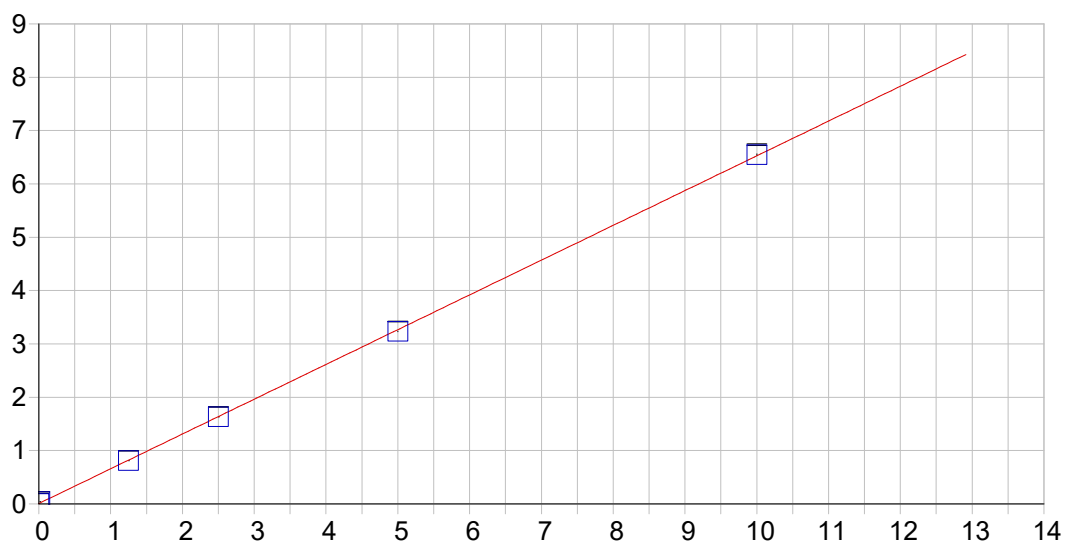


Ti 336.121 {100}

Date of Fit: 07/12/2019 10:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001837	Re-Slope:	1.000000
A1 (Gain):	0.280288	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999867	Status:	OK.
Std Error of Est:	0.000243		
Predicted MDL:	0.001460		
Predicted MQL:	0.004867		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00183	.000	1
S1	.10000	.10814	.008	8.14	.03214	.000	1
S2	1.2500	1.2767	.027	2.13	.35955	.001	1
S3	2.5000	2.5696	.070	2.78	.72181	.003	1
S4	5.0000	5.0264	.026	.529	1.4102	.003	1
S5	10.000	9.8692	-.131	-1.31	2.7671	.004	1

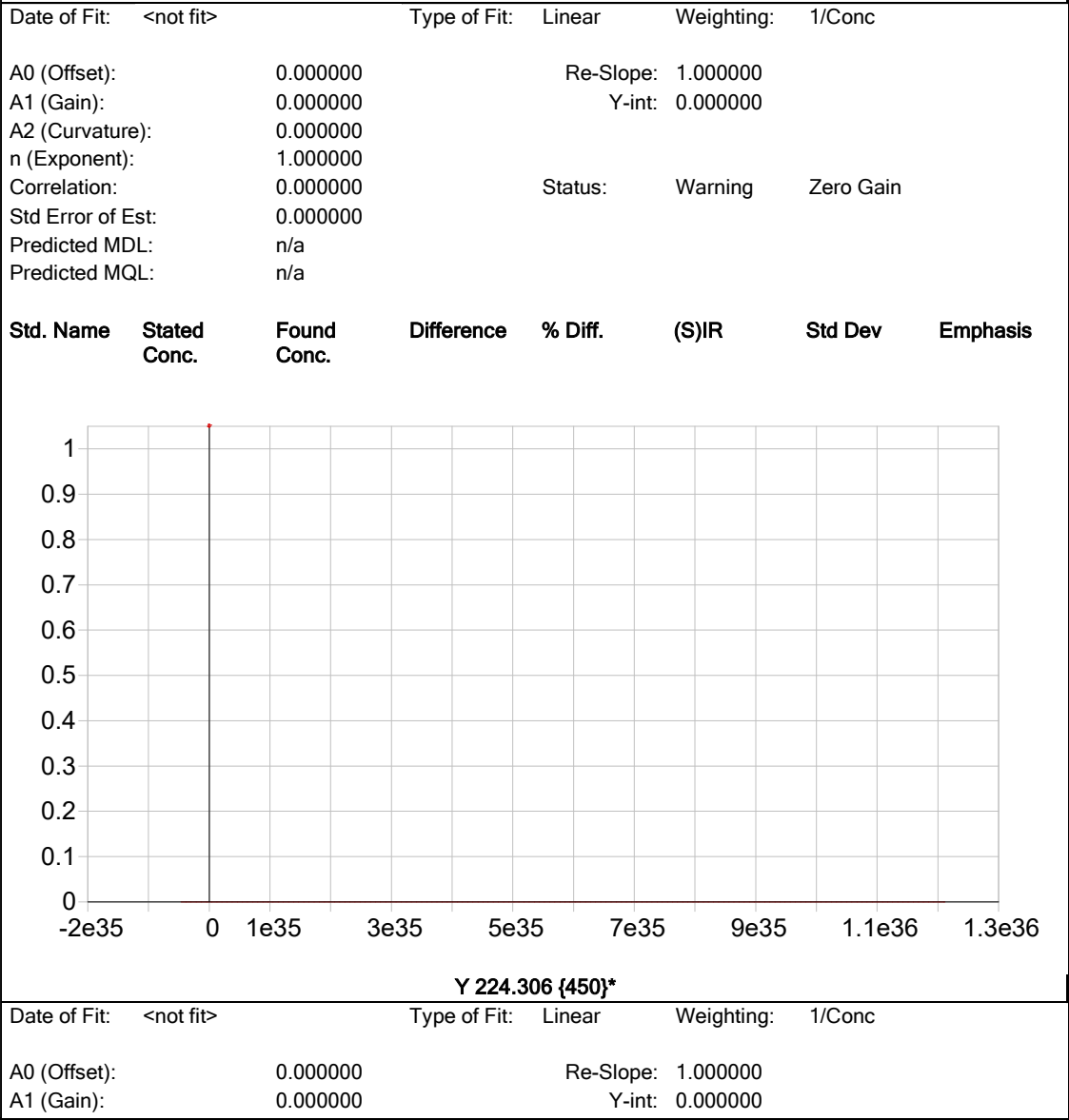
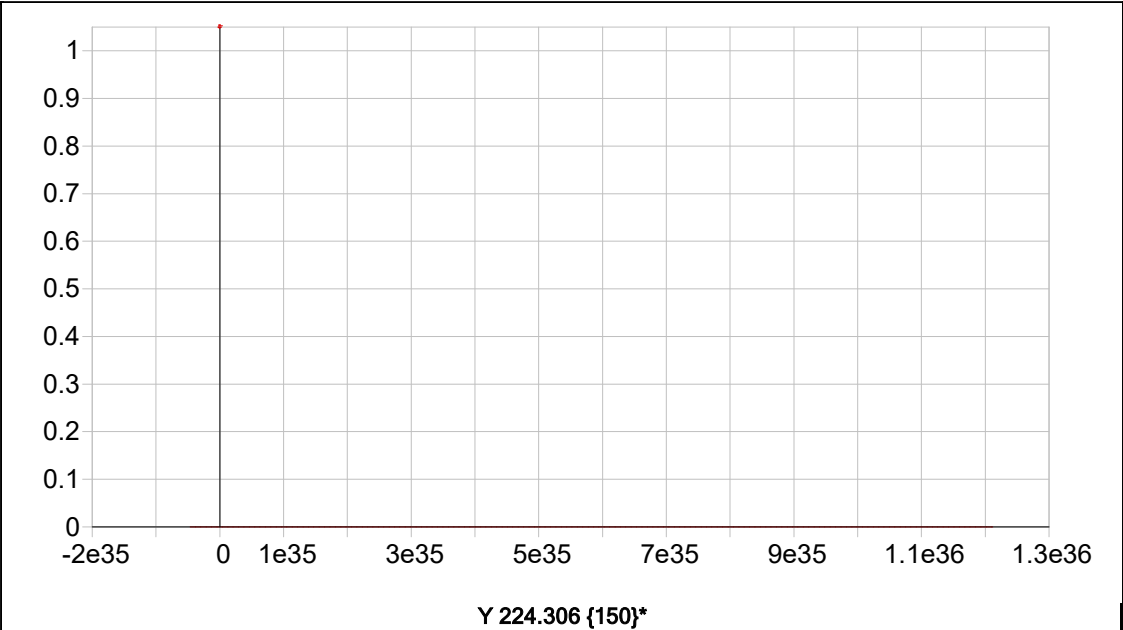


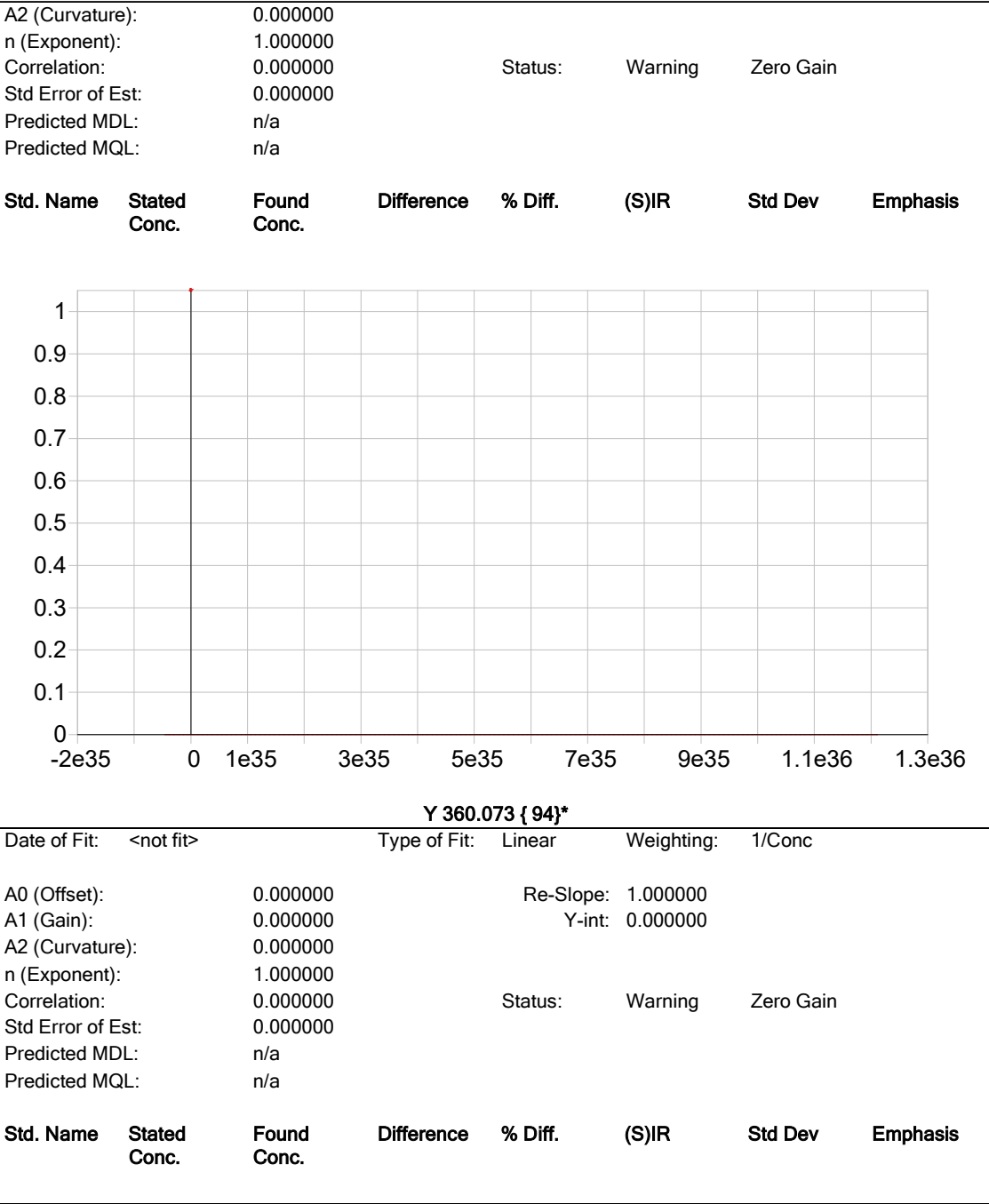
Li 670.784 { 50}

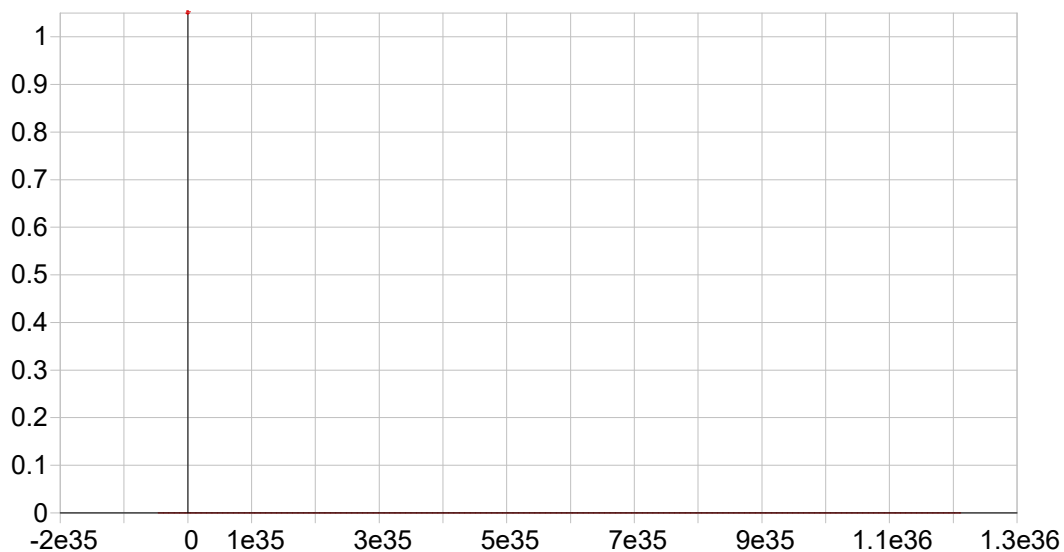
Date of Fit: 07/12/2019 10:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006843 Re-Slope: 1.000000
 A1 (Gain): 0.651981 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997156 Status: OK.
 Std Error of Est: 0.001012
 Predicted MDL: 0.002141
 Predicted MQL: 0.007137

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.00682	.002	1
S5	10.000	10.034	.034	.341	6.5489	.014	1
S4	5.0000	4.9513	-.049	-.973	3.2350	.008	1
S3	2.5000	2.4936	-.006	-.254	1.6326	.002	1
S2	1.2500	1.2310	-.019	-1.52	.80943	.002	1
S1	.01500	.05491	.040	266.	.04265	.001	1



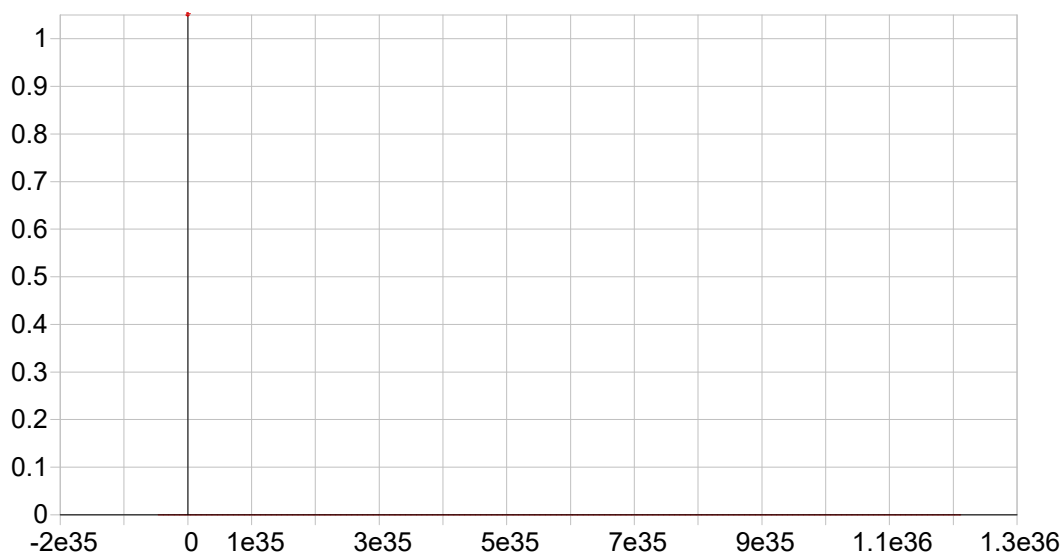




Y 371.030 { 91}*

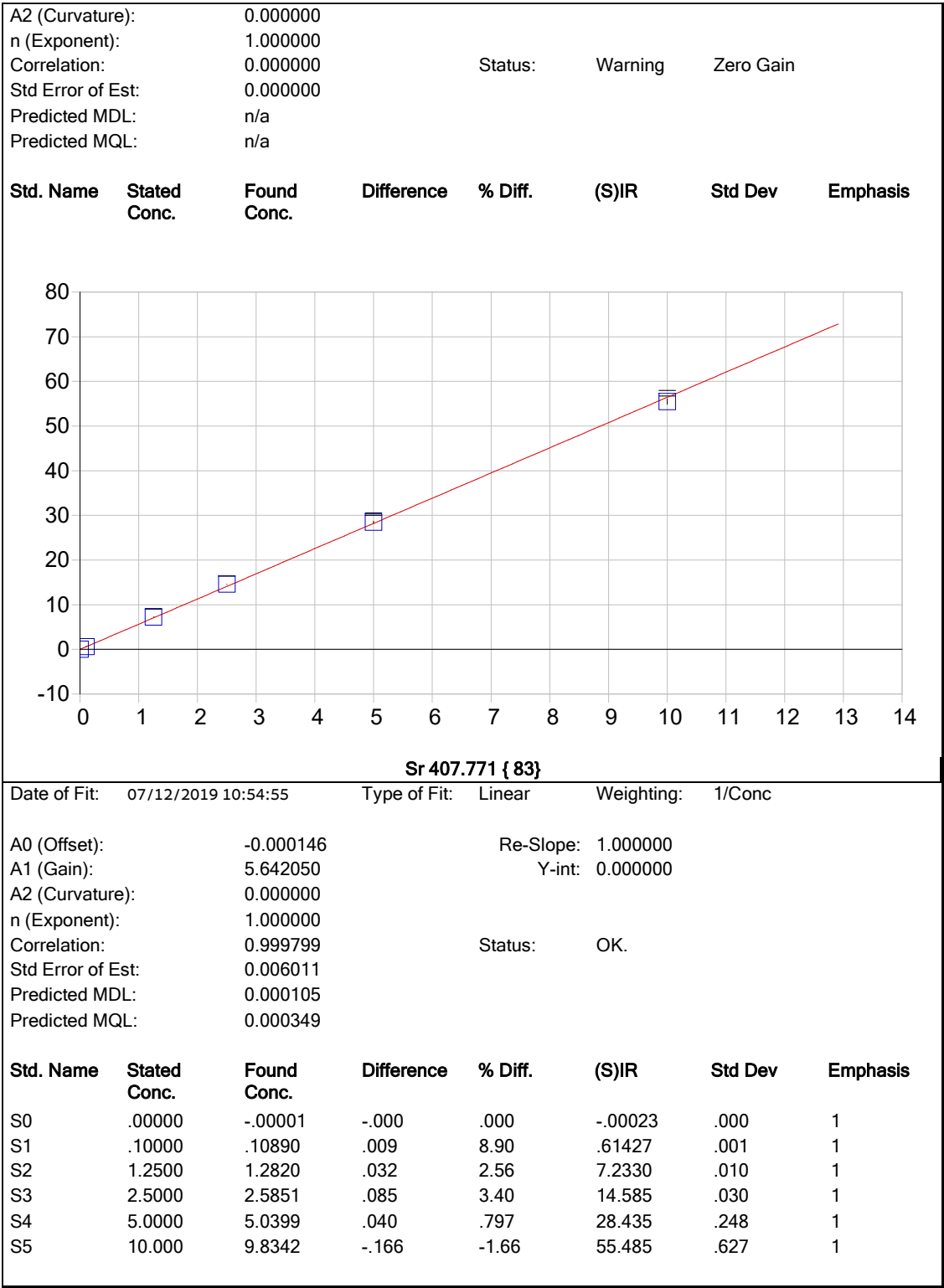
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				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

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

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



Sample Name: S0 Acquired: 07/12/2019 10:28:07 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) 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	-.00068	-.00104	-.00015	.00065	.00148	.00332	.01271	-.00252
Stddev	.00006	.00016	.00024	.00016	.00041	.00031	.00156	.00014
%RSD	8.1003	15.825	156.91	23.936	27.681	9.2781	12.250	5.5900
#1	-.00064	-.00085	.00012	.00052	.00115	.00328	.01092	-.00263
#2	-.00075	-.00109	-.00031	.00083	.00135	.00364	.01350	-.00256
#3	-.00066	-.00117	-.00027	.00061	.00194	.00303	.01372	-.00236
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	.00112	.00173	-.00006	-.00057	.00111	.00000	.00035	-.00011
Stddev	.00004	.00019	.00005	.00017	.00038	.00033	.00014	.00014
%RSD	3.6882	11.255	71.002	29.170	34.409	10589.	38.626	125.76
#1	.00115	.00191	-.00009	-.00076	.00142	-.00038	.00044	-.00023
#2	.00112	.00152	-.00001	-.00045	.00069	.00021	.00042	-.00014
#3	.00107	.00176	-.00009	-.00050	.00123	.00019	.00020	.00004
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	-.00304	-.00092	.00046	.00025	-.00018	.01313	-.00112	.00119
Stddev	.00027	.00005	.00159	.00022	.00008	.00052	.00003	.00022
%RSD	8.7385	5.3156	346.27	89.516	44.832	3.9945	2.5592	18.037
#1	-.00283	-.00093	.00219	.00008	-.00016	.01253	-.00113	.00108
#2	-.00333	-.00087	.00011	.00050	-.00011	.01340	-.00109	.00144
#3	-.00295	-.00096	-.00093	.00017	-.00026	.01347	-.00114	.00106
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	.00076	.00029	.00349	.00030	.00183	.00682	-.00023	
Stddev	.00044	.00011	.00023	.00002	.00030	.00238	.00036	
%RSD	58.104	39.922	6.4939	6.6851	16.618	34.917	159.99	
#1	.00126	.00023	.00371	.00030	.00218	.00954	-.00054	
#2	.00042	.00021	.00350	.00031	.00165	.00580	-.00031	
#3	.00060	.00042	.00326	.00028	.00166	.00511	.00017	

Sample Name: S0 Acquired: 07/12/2019 10:28:07 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) 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	2205.1	2206.8	49919.	9872.2	3746.8
Stddev	7.2	1.4	130.	50.0	4.3
%RSD	.32712	.06394	.25972	.50665	.11542
#1	2213.1	2205.7	50038.	9824.4	3745.2
#2	2199.0	2208.4	49938.	9868.2	3751.7
#3	2203.3	2206.4	49781.	9924.2	3743.5

Sample Name: S1 Acquired: 07/12/2019 10:32:15 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) 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	-.00024	.00068	.00143	.00333	.01279	.01837	.51316	.01944
Stddev	.00005	.00010	.00023	.00009	.00015	.00047	.00353	.00030
%RSD	21.086	14.910	16.047	2.7274	1.1646	2.5438	.68851	1.5597

#1	-.00023	.00059	.00142	.00342	.01266	.01869	.51196	.01979
#2	-.00019	.00068	.00121	.00332	.01275	.01784	.51038	.01925
#3	-.00029	.00079	.00167	.00324	.01295	.01859	.51713	.01929

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	.01457	.19649	.00173	.02976	.00573	.00361	.00704	.05440
Stddev	.00025	.00073	.00010	.00027	.00013	.00017	.00016	.00018
%RSD	1.7308	.37101	5.6907	.90781	2.2940	4.6511	2.2093	.33233

#1	.01482	.19566	.00164	.02957	.00583	.00379	.00721	.05420
#2	.01459	.19685	.00170	.03007	.00558	.00346	.00690	.05447
#3	.01432	.19698	.00184	.02963	.00577	.00359	.00702	.05454

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	.02131	.00115	.02262	.00558	.01426	.09528	-.00075	.00346
Stddev	.00016	.00014	.00070	.00014	.00031	.00171	.00011	.00026
%RSD	.73892	11.883	3.0756	2.5212	2.2019	1.7921	14.237	7.6286

#1	.02127	.00117	.02211	.00547	.01392	.09373	-.00068	.00354
#2	.02118	.00100	.02341	.00553	.01432	.09711	-.00070	.00317
#3	.02149	.00127	.02234	.00574	.01454	.09501	-.00087	.00367

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	.01002	.00262	.02516	.00090	.03214	.04265	.61427
Stddev	.00022	.00014	.00014	.00007	.00039	.00096	.00091
%RSD	2.1536	5.3634	.55739	7.5183	1.2119	2.2398	.14844

#1	.01017	.00278	.02531	.00097	.03171	.04241	.61490
#2	.00978	.00256	.02515	.00083	.03247	.04183	.61322
#3	.01013	.00252	.02503	.00089	.03224	.04370	.61469

Sample Name: S1 Acquired: 07/12/2019 10:32:15 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) 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	2191.9	2211.3	49516.	9781.3	3781.0
Stddev	13.5	4.6	243.	23.1	6.6
%RSD	.61805	.20648	.49159	.23598	.17576
#1	2203.3	2213.7	49781.	9795.1	3786.4
#2	2195.6	2206.0	49464.	9794.2	3783.1
#3	2176.9	2214.2	49303.	9754.7	3773.6

Sample Name: S2 Acquired: 07/12/2019 10:36:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) 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	.04641	.07896	.86248	.08465	.23233	2.7946	5.9646	.51570
Stddev	.00023	.00014	.00110	.00026	.00103	.0019	.0122	.00348
%RSD	.48623	.17798	.12798	.31289	.44356	.06638	.20427	.67481

#1	.04615	.07887	.86277	.08491	.23175	2.7965	5.9614	.51880
#2	.04653	.07889	.86127	.08438	.23173	2.7928	5.9544	.51636
#3	.04655	.07912	.86342	.08466	.23352	2.7945	5.9781	.51193

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	1.5572	2.2250	.57792	.36746	.58509	1.1317	1.4758	.62871
Stddev	.0026	.0082	.00089	.00013	.00131	.0030	.0082	.00246
%RSD	.16615	.36972	.15447	.03496	.22409	.26281	.55613	.39098

#1	1.5595	2.2270	.57799	.36757	.58380	1.1283	1.4720	.62663
#2	1.5544	2.2321	.57699	.36732	.58504	1.1338	1.4852	.63142
#3	1.5577	2.2160	.57878	.36748	.58643	1.1330	1.4703	.62807

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	.35057	.05686	.15263	.06693	.83872	.59374	.04217	.27149
Stddev	.00067	.00020	.00244	.00010	.00754	.00126	.00027	.00188
%RSD	.19130	.34332	1.5998	.15045	.89868	.21143	.64137	.69151

#1	.35105	.05705	.15545	.06702	.83007	.59319	.04238	.27252
#2	.34980	.05688	.15124	.06682	.84216	.59286	.04226	.27262
#3	.35085	.05666	.15120	.06694	.84392	.59518	.04186	.26932

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	1.1052	.03096	.28136	.12915	.35955	.80943	7.2330
Stddev	.0026	.00008	.00174	.00019	.00073	.00197	.0101
%RSD	.23521	.25985	.61671	.14734	.20276	.24300	.13926

#1	1.1058	.03089	.28264	.12911	.36037	.80828	7.2230
#2	1.1024	.03094	.28204	.12898	.35896	.80831	7.2329
#3	1.1075	.03105	.27938	.12936	.35933	.81170	7.2432

Sample Name: S2 Acquired: 07/12/2019 10:36:22 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) 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	2142.8	2141.0	49217.	9833.8	3591.5
Stddev	14.5	4.8	95.	52.3	6.0
%RSD	.67788	.22383	.19333	.53184	.16648
#1	2156.6	2143.2	49288.	9826.3	3598.4
#2	2127.6	2144.2	49109.	9785.6	3588.5
#3	2144.1	2135.5	49253.	9889.4	3587.7

Sample Name: S3 Acquired: 07/12/2019 10:40:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) 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	.09569	.15975	1.7434	.16848	.46801	5.6672	12.092	1.0279
Stddev	.00053	.00049	.0034	.00012	.00100	.0174	.016	.0048
%RSD	.55799	.30879	.19294	.07236	.21295	.30700	.13371	.47109

#1	.09549	.15962	1.7402	.16837	.46780	5.6597	12.090	1.0231
#2	.09529	.16030	1.7469	.16846	.46714	5.6871	12.109	1.0278
#3	.09630	.15935	1.7431	.16861	.46910	5.6549	12.076	1.0328

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	3.1199	4.4906	1.1452	.74772	1.1722	2.2455	2.9541	1.2757
Stddev	.0077	.0259	.0032	.00107	.0021	.0082	.0164	.0059
%RSD	.24664	.57628	.27829	.14349	.17941	.36481	.55504	.46464

#1	3.1190	4.4649	1.1445	.74658	1.1721	2.2387	2.9376	1.2691
#2	3.1280	4.5166	1.1423	.74785	1.1702	2.2546	2.9704	1.2806
#3	3.1127	4.4904	1.1486	.74872	1.1744	2.2433	2.9542	1.2773

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	.71096	.11791	.30957	.13356	1.6996	1.2035	.08678	.55231
Stddev	.00059	.00079	.00152	.00041	.0118	.0025	.00030	.00353
%RSD	.08296	.67266	.49098	.30567	.69364	.21117	.35132	.63959

#1	.71066	.11763	.30883	.13314	1.7088	1.2005	.08643	.54834
#2	.71058	.11730	.31131	.13395	1.7036	1.2050	.08695	.55351
#3	.71164	.11881	.30855	.13359	1.6863	1.2049	.08696	.55509

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	2.2533	.06210	.55047	.26259	.72181	1.6326	14.585
Stddev	.0056	.00003	.00445	.00053	.00304	.0017	.030
%RSD	.25066	.05505	.80878	.20027	.42113	.10145	.20405

#1	2.2507	.06206	.54549	.26253	.71912	1.6331	14.555
#2	2.2493	.06212	.55187	.26314	.72511	1.6341	14.615
#3	2.2597	.06212	.55406	.26210	.72121	1.6308	14.585

Sample Name: S3 Acquired: 07/12/2019 10:40:14 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) 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	2070.8	2062.7	48104.	9660.6	3443.2
Stddev	16.0	1.9	18.	63.8	7.2
%RSD	.77306	.09141	.03703	.66044	.20981
#1	2061.9	2063.4	48095.	9720.7	3441.7
#2	2061.3	2064.2	48125.	9593.7	3436.8
#3	2089.3	2060.6	48094.	9667.4	3451.0

Sample Name: S4 Acquired: 07/12/2019 10:44:05 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) 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	.19121	.31095	3.4640	.32581	.93198	11.303	23.762	1.9775
Stddev	.00012	.00076	.0067	.00098	.00099	.025	.028	.0100
%RSD	.06508	.24364	.19359	.29936	.10618	.22545	.11851	.50316

#1	.19133	.31009	3.4563	.32600	.93161	11.288	23.730	1.9888
#2	.19123	.31125	3.4690	.32475	.93123	11.288	23.774	1.9700
#3	.19108	.31152	3.4666	.32667	.93310	11.332	23.783	1.9737

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	6.0873	8.8520	2.2155	1.4762	2.2920	4.3577	5.7749	2.5269
Stddev	.0087	.0292	.0032	.0022	.0033	.0019	.0150	.0029
%RSD	.14226	.33000	.14552	.15238	.14541	.04322	.25914	.11444

#1	6.0773	8.8261	2.2136	1.4745	2.2890	4.3557	5.7588	2.5272
#2	6.0925	8.8461	2.2193	1.4754	2.2914	4.3583	5.7774	2.5239
#3	6.0921	8.8837	2.2138	1.4788	2.2956	4.3593	5.7884	2.5297

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	1.4015	.23635	.60830	.26161	3.4008	2.3890	.17549	1.0812
Stddev	.0015	.00129	.00141	.00146	.0181	.0045	.00056	.0035
%RSD	.10889	.54740	.23245	.55901	.53295	.18763	.32079	.32564

#1	1.4001	.23515	.60973	.26118	3.3829	2.3927	.17487	1.0844
#2	1.4012	.23772	.60825	.26041	3.4191	2.3904	.17597	1.0818
#3	1.4031	.23618	.60690	.26323	3.4003	2.3840	.17562	1.0774

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	4.4715	.12485	1.0518	.52176	1.4102	3.2350	28.435
Stddev	.0060	.00024	.0041	.00126	.0026	.0079	.248
%RSD	.13368	.18938	.38646	.24183	.18186	.24552	.87311

#1	4.4783	.12506	1.0564	.52035	1.4090	3.2273	28.673
#2	4.4671	.12459	1.0498	.52213	1.4084	3.2346	28.455
#3	4.4692	.12490	1.0490	.52279	1.4131	3.2431	28.178

Sample Name: S4 Acquired: 07/12/2019 10:44:05 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) 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	1989.1	1958.8	46933.	9570.2	3255.5
Stddev	10.9	1.8	238.	19.9	5.7
%RSD	.54715	.09167	.50793	.20816	.17608
#1	1995.9	1957.1	47145.	9571.0	3261.1
#2	1976.6	1960.7	46675.	9549.9	3255.6
#3	1994.8	1958.4	46978.	9589.8	3249.7

Sample Name: S5 Acquired: 07/12/2019 10:48:03 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) 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	.39613	.60478	6.9509	.64065	1.9228	22.690	46.382	3.8415
Stddev	.00143	.00214	.0192	.00184	.0043	.051	.421	.0077
%RSD	.36174	.35456	.27597	.28754	.22230	.22511	.90752	.20047

#1	.39635	.60703	6.9369	.64115	1.9227	22.635	45.933	3.8374
#2	.39461	.60276	6.9431	.63861	1.9185	22.737	46.446	3.8368
#3	.39745	.60456	6.9728	.64220	1.9271	22.697	46.768	3.8504

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	11.981	17.360	4.2976	2.9477	4.5274	8.4272	11.223	5.0311
Stddev	.033	.026	.0076	.0093	.0127	.0145	.009	.0050
%RSD	.27910	.15193	.17711	.31555	.28119	.17160	.08408	.09969

#1	11.954	17.343	4.3009	2.9438	4.5193	8.4187	11.212	5.0278
#2	11.970	17.347	4.2889	2.9409	4.5420	8.4439	11.230	5.0369
#3	12.018	17.391	4.3030	2.9583	4.5207	8.4189	11.228	5.0287

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.7818	.47932	1.2050	.51173	6.9812	4.8226	.35678	2.1139
Stddev	.0051	.00371	.0024	.00100	.0512	.0120	.00074	.0101
%RSD	.18374	.77389	.20258	.19479	.73286	.24869	.20855	.47546

#1	2.7796	.48336	1.2033	.51123	6.9736	4.8115	.35704	2.1201
#2	2.7782	.47606	1.2040	.51288	7.0357	4.8354	.35594	2.1023
#3	2.7877	.47853	1.2078	.51108	6.9342	4.8210	.35736	2.1193

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	9.1494	.25459	2.0181	1.0461	2.7671	6.5489	55.485
Stddev	.0233	.00082	.0065	.0031	.0043	.0136	.627
%RSD	.25457	.32216	.31987	.30054	.15585	.20822	1.1295

#1	9.1400	.25539	2.0175	1.0462	2.7622	6.5333	55.143
#2	9.1322	.25375	2.0120	1.0429	2.7705	6.5585	56.208
#3	9.1759	.25464	2.0249	1.0492	2.7686	6.5550	55.103

Sample Name: S5 Acquired: 07/12/2019 10:48:03 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) 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	1855.6	1791.3	45621.	9436.9	3010.9
Stddev	5.3	2.6	193.	13.2	4.1
%RSD	.28538	.14713	.42335	.13959	.13638
#1	1854.7	1792.8	45399.	9425.5	3013.4
#2	1850.8	1792.8	45751.	9451.3	3013.0
#3	1861.2	1788.2	45714.	9433.8	3006.1

Sample Name: S6 Acquired: 07/12/2019 10:52:06 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) 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	61.313	28.458	23.005	8.3856	3.4994
Stddev	.331	.274	.178	.0571	.0051
%RSD	.54017	.96203	.77261	.68120	.14571

#1	61.227	28.217	22.800	8.3200	3.4942
#2	61.034	28.402	23.092	8.4128	3.4996
#3	61.679	28.756	23.122	8.4241	3.5044

Int. Std.	Y_3710
Units	Cts/S
Avg	9039.8
Stddev	46.3
%RSD	.51204

#1	9093.0
#2	9017.5
#3	9008.8

Sample Name: ICV Acquired: 07/12/2019 10:56:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) 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	.9608301	1.065659	.9837925	1.036676	.9943347	2.337509
Stddev	.0012307	.001004	.0023577	.002569	.0037056	.007516
%RSD	.1280899	.0941937	.2396564	.2478291	.3726740	.3215548

#1	.9620638	1.066746	.9827299	1.039562	.9958431	2.335954
#2	.9596024	1.065462	.9821532	1.035824	.9901128	2.330892
#3	.9608241	1.064768	.9864946	1.034640	.9970482	2.345681

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5079385	.5122243	.5047940	10.35064	.5369766	.4971183
Stddev	.0011982	.0054545	.0005829	.03450	.0012530	.0014209
%RSD	.2358849	1.064858	.1154660	.3332777	.2333390	.2858322

#1	.5068177	.5110628	.5042636	10.38772	.5365390	.4959217
#2	.5092013	.5074441	.5047003	10.34470	.5360011	.4967444
#3	.5077965	.5181659	.5054180	10.31949	.5383897	.4986888

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4885856	5.417642	.5117098	5.904853	.5110780	.4835443
Stddev	.0031893	.018469	.0011856	.011788	.0014582	.0023321
%RSD	.6527638	.3408970	.2317014	.1996305	.2853101	.4822843

#1	.4878304	5.399761	.5123233	5.893882	.5093943	.4843561
#2	.4858417	5.436647	.5124629	5.903361	.5119294	.4809149
#3	.4920847	5.416519	.5103431	5.917316	.5119102	.4853620

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.780578	.5148069	.9802493	9.784111	F .6884436	F 1.832861
Stddev	.379678	.0027647	.0090577	.069298	.0029850	.032425
%RSD	3.881959	.5370453	.9240216	.7082689	.4335806	1.769114

#1	9.455930	.5139609	.9783098	9.781924	.6917558	1.823162
#2	10.19807	.5125639	.9901197	9.715933	.6876135	1.806392
#3	9.68774	.5178958	.9723184	9.854477	.6859616	1.869030

Sample Name: ICV Acquired: 07/12/2019 10:56:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) 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 1.740609	F 1.382903	F 1.753249	F 1.741479	F 1.834549	F .7375068
Stddev	.005567	.012703	.025960	.008392	.002773	.0019497
%RSD	.3198537	.9185827	1.480686	.4818764	.1511584	.2643619
#1	1.738072	1.394495	1.742081	1.731966	1.831970	.7352750
#2	1.736762	1.384891	1.734742	1.744643	1.837482	.7383665
#3	1.746993	1.369323	1.782924	1.747829	1.834196	.7388789

Elem	Sr4077
Units	ppm
Avg	F .8438872
Stddev	.0021787
%RSD	.2581742
#1	.8456804
#2	.8445186
#3	.8414625

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2169.118	2173.889	48730.60	9633.196	3720.782
Stddev	21.749	4.372	287.57	36.156	6.055
%RSD	1.002683	.2011105	.5901153	.3753314	.1627383
#1	2156.793	2168.907	48468.31	9612.540	3723.135
#2	2156.331	2177.087	48685.39	9674.945	3725.306
#3	2194.231	2175.672	49038.09	9612.103	3713.903

Sample Name: ICB Acquired: 07/12/2019 11:00:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) 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	.0014754	.0004263	.0010840	.0007068	-.002694	-.002878	-.000033
Stddev	.0034959	.0026709	.0033526	.0046790	.001177	.006329	.000866
%RSD	236.9552	626.5675	309.2712	661.9842	43.69922	219.8690	2618.432

#1	-.001751	-.000541	.0037437	.0035095	-.001754	.002749	.000311
#2	.000988	.003446	-.002682	-.004695	-.002315	-.009730	.000608
#3	.005189	-.001626	.002190	.003306	-.004015	-.001655	-.001018

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000013	.0000688	-.007003	.0006192	.0002026	.0029963	.0017979
Stddev	.000020	.0000549	.005049	.0000690	.0001664	.0009097	.0035175
%RSD	158.7606	79.85219	72.10395	11.13665	82.12002	30.35916	195.6436

#1	-.000004	.0000118	-.005796	.0006903	.0000773	.0031914	-.002142
#2	.000002	.0000731	-.012547	.0006148	.0001391	.0037926	.002915
#3	-.000036	.0001215	-.002666	.0005526	.0003913	.0020050	.004621

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000036	-.018124	-.000024	.0001345	-.066213	-.001287	.0013333
Stddev	.000516	.011990	.000380	.0005658	.172012	.001189	.0013116
%RSD	1435.340	66.15431	1605.207	420.7064	259.7845	92.43981	98.37406

#1	-.000189	-.006156	-.000072	-.000442	-.127095	-.001527	.0016834
#2	-.000458	-.018081	.000378	.000689	-.199505	-.002337	.0024342
#3	.000539	-.030135	-.000377	.000156	.127960	.000004	-.000118

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1045706	-.000211	.0105647	.0001379	-.003371	.0020776	.0001594
Stddev	.0227036	.001647	.0005814	.0002959	.002808	.0001310	.0005320
%RSD	21.71130	779.4766	5.502789	214.5609	83.31348	6.305982	333.8378

#1	.0867053	.001628	.0099497	-.000131	-.001311	.0022253	-.000095
#2	.1301189	-.001549	.0111053	.000455	-.002231	.0019755	.000771
#3	.0968876	-.000713	.0106390	.000091	-.006570	.0020320	-.000198

Sample Name: ICB Acquired: 07/12/2019 11:00:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) 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	.0005529	.0011645	.0000433
Stddev	.0010956	.0016121	.0000357
%RSD	198.1399	138.4406	82.58636

#1	.0006335	.0002205	.0000083
#2	.0016060	.0030258	.0000417
#3	-.000581	.0002470	.0000797

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2156.931	2173.700	48856.21	9564.438	3698.530
Stddev	20.451	7.865	373.17	20.780	5.148
%RSD	.9481386	.3618185	.7638093	.2172659	.1391954

#1	2134.546	2177.825	48458.12	9545.633	3697.390
#2	2161.611	2178.645	48912.43	9560.932	3704.153
#3	2174.636	2164.631	49198.07	9586.748	3694.048

Sample Name: ICSA Acquired: 07/12/2019 11:04:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001491	.0044255	-.007365	-.019966	.0002537	240.6403
Stddev	.007189	.0036989	.001994	.005121	.0019260	.1866
%RSD	482.0072	83.58290	27.07593	25.65060	759.0918	.0775495

#1	.004429	.0061864	-.009665	-.014423	.0024764	240.8473
#2	.000588	.0069149	-.006305	-.020952	-.000792	240.5887
#3	-.009491	.0001751	-.006125	-.024523	-.000923	240.4849

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053644	.0009798	.0012914	255.9123	.0530642	.0009500
Stddev	.0008168	.0001049	.0001051	.8852	.0005040	.0006677
%RSD	15.22600	10.70691	8.136670	.3459048	.9497732	70.28446

#1	.0060902	.0009817	.0013646	256.5103	.0530369	.0006450
#2	.0044799	.0008739	.0013386	254.8954	.0525744	.0017158
#3	.0055230	.0010837	.0011710	256.3311	.0535813	.0004893

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000101	104.8054	.0126429	260.9243	.0009592	-.006499
Stddev	.001156	.1941	.0007684	.8938	.0003550	.000294
%RSD	1149.524	.1851637	6.077454	.3425550	37.01203	4.529608

#1	.000739	104.9162	.0118334	261.0219	.0008127	-.006815
#2	.000378	104.5813	.0133621	259.9856	.0007009	-.006232
#3	-.001419	104.9187	.0127333	261.7652	.0013641	-.006450

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.184994	-.001500	.0068292	.0578775	F .0110959	-.004278
Stddev	.227508	.001255	.0016990	.0347849	.0023504	.000808
%RSD	122.9813	83.66965	24.87902	60.10085	21.18221	18.89796

#1	.065104	-.001066	.0056239	.0180038	.0093003	-.004069
#2	-.240415	-.002915	.0060913	.0736248	.0137561	-.003595
#3	-.379672	-.000519	.0087724	.0820040	.0102314	-.005171

Sample Name: ICSA Acquired: 07/12/2019 11:04:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009802	F .0043238	F .0009907	-.002677	F -.004924	W .0138873
Stddev	.0009275	.0037155	.0003854	.001450	.001129	.0021444
%RSD	94.61474	85.93234	38.90035	54.15900	22.92724	15.44166
#1	.0019774	.0060543	.0011545	-.002202	-.004577	.0115701
#2	.0001434	.0068584	.0012672	-.004304	-.004010	.0158019
#3	.0008198	.0000587	.0005505	-.001524	-.006186	.0142898

Elem	Sr4077
Units	ppm
Avg	F .1051541
Stddev	.0003087
%RSD	.2935688
#1	.1051229
#2	.1054772
#3	.1048621

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2044.151	2034.816	46372.63	9404.272	3316.119
Stddev	10.318	1.527	182.78	25.322	1.212
%RSD	.5047344	.0750348	.3941571	.2692633	.0365428
#1	2056.003	2034.608	46580.84	9378.285	3315.075
#2	2039.273	2033.403	46238.63	9428.872	3315.835
#3	2037.176	2036.436	46298.41	9405.659	3317.448

Sample Name: ICSAB Acquired: 07/12/2019 11:08:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1027271	.1258230	.0456196	.0366868	.6045573	224.4810
Stddev	.0011177	.0004616	.0021561	.0033439	.0013674	.7185
%RSD	1.088068	.3668781	4.726249	9.114768	.2261821	.3200725

#1	.1018336	.1258800	.0468987	.0390544	.6055090	224.2797
#2	.1023674	.1262536	.0468299	.0328615	.6029904	225.2787
#3	.1039805	.1253356	.0431303	.0381444	.6051725	223.8846

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5260063	.5326918	1.017462	238.7690	.5936073	.5104619
Stddev	.0002999	.0023532	.000586	1.6093	.0003912	.0011597
%RSD	.0570153	.4417542	.0576104	.6739902	.0658963	.2271869

#1	.5262101	.5327795	1.017282	238.2645	.5939442	.5091605
#2	.5256619	.5350000	1.018117	240.5701	.5931783	.5108392
#3	.5261469	.5302961	1.016987	237.4724	.5936995	.5113859

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4913732	97.57308	.5257858	242.6399	1.030063	.2022845
Stddev	.0030582	.55569	.0019731	1.3126	.001517	.0019183
%RSD	.6223837	.5695153	.3752572	.5409630	.1472434	.9482976

#1	.4878812	97.22460	.5252870	241.9261	1.030878	.2042535
#2	.4935740	98.21392	.5279604	244.1547	1.030998	.2004213
#3	.4926646	97.28071	.5241100	241.8389	1.028313	.2021788

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.356588	.5175709	1.006331	-.059715	F 1.046543	F 1.106550
Stddev	.286791	.0046897	.005360	.050070	.005519	.006906
%RSD	80.42634	.9060906	.5326604	83.84957	.5273807	.6240831

#1	-.637125	.5139162	1.002673	-.065137	1.040610	1.104242
#2	-.063928	.5228588	1.003836	-.007154	1.047496	1.114315
#3	-.368712	.5159377	1.012484	-.106853	1.051524	1.101094

Sample Name: ICSAB Acquired: 07/12/2019 11:08:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.029322	F 1.063871	F 1.057506	F 1.080419	F 1.101365	F 1.071490
Stddev	.001534	.005638	.005278	.005394	.007471	.003801
%RSD	.1490174	.5299273	.4991408	.4992819	.6783123	.3547656
#1	1.029547	1.070360	1.059055	1.074428	1.100985	1.075305
#2	1.027688	1.060174	1.061837	1.084891	1.109019	1.071461
#3	1.030731	1.061079	1.051627	1.081938	1.094092	1.067703

Elem	Sr4077
Units	ppm
Avg	F 1.193848
Stddev	.001713
%RSD	.1435168
#1	1.195019
#2	1.194645
#3	1.191882

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2057.706	2054.782	46643.13	9408.243	3353.438
Stddev	12.549	4.972	132.79	56.831	4.916
%RSD	.6098438	.2419920	.2846881	.6040597	.1465962
#1	2052.970	2058.684	46588.77	9375.498	3359.009
#2	2048.215	2056.479	46794.47	9375.365	3351.595
#3	2071.934	2049.184	46546.14	9473.866	3349.710

Sample Name: CCV021 Acquired: 07/12/2019 11:12:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV021 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.726435	4.822415	24.08255	4.592939	4.740071	400.8186	9.839374
Stddev	.015587	.013534	.03856	.011887	.010676	1.7741	.025775
%RSD	.3297820	.2806422	.1601189	.2588085	.2252300	.4426087	.2619531

#1	4.743796	4.826944	24.07963	4.590907	4.747792	400.1302	9.822588
#2	4.713645	4.807197	24.04553	4.582199	4.727888	399.4919	9.826485
#3	4.721864	4.833103	24.12248	4.605711	4.744534	402.8337	9.869051

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4923001	2.396301	399.2207	15.04475	2.450371	14.78009	403.1970
Stddev	.0084176	.005685	3.4714	.02272	.006380	.02591	2.2685
%RSD	1.709856	.2372544	.8695503	.1509866	.2603661	.1753032	.5626347

#1	.4885908	2.393309	399.0100	15.02313	2.450602	14.76593	403.0875
#2	.4863742	2.392737	395.8595	15.04271	2.443878	14.76435	400.9853
#3	.5019353	2.402858	402.7927	15.06842	2.456632	14.80999	405.5184

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.50838	392.4663	2.449472	1.220444	390.8520	2.422598	14.46419
Stddev	.11783	3.4442	.009025	.007800	1.6163	.017288	.18616
%RSD	.8121257	.8775697	.3684486	.6390721	.4135398	.7136131	1.287044

#1	14.50262	392.4745	2.444789	1.226146	390.2017	2.426619	14.58548
#2	14.39354	389.0181	2.443751	1.223630	389.6620	2.403654	14.55725
#3	14.62898	395.9064	2.459876	1.211556	392.6922	2.437521	14.24985

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	149.8208	4.940831	4.858867	4.684325	4.832645	4.880945	4.868170
Stddev	.3610	.013624	.066780	.013370	.029696	.082828	.012266
%RSD	.2409230	.2757495	1.374397	.2854262	.6144836	1.696977	.2519693

#1	149.5497	4.943755	4.828443	4.695680	4.804359	4.833637	4.862168
#2	149.6822	4.925983	4.812717	4.669589	4.830003	4.832612	4.860061
#3	150.2305	4.952757	4.935442	4.687706	4.863574	4.976585	4.882282

Sample Name: CCV021 Acquired: 07/12/2019 11:12:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV021 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.839239	4.890586	4.919883
Stddev	.015690	.013690	.051369
%RSD	.3242245	.2799278	1.044101

#1	4.838211	4.875424	4.880705
#2	4.824088	4.894295	4.900904
#3	4.855417	4.902040	4.978041

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1901.920	1879.415	44798.89	9178.049	3038.091
Stddev	21.076	5.693	477.19	66.499	5.444
%RSD	1.108155	.3029010	1.065176	.7245440	.1791828

#1	1892.024	1873.136	44486.02	9198.374	3034.756
#2	1887.612	1884.240	44562.54	9232.014	3044.373
#3	1926.123	1880.868	45348.13	9103.759	3035.145

Sample Name: CCB021 Acquired: 07/12/2019 11:16:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB021 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000191	.0014661	.0021389	.0022364	-.002419	-.002287	.0008268
Stddev	.000491	.0006219	.0009258	.0019496	.003183	.009278	.0006383
%RSD	256.5740	42.41946	43.28671	87.17486	131.6132	405.7029	77.19508

#1	-.000442	.0020768	.0031395	.0001139	-.005822	.007888	.0000953
#2	-.000507	.0014881	.0019644	.0026480	.000486	-.004468	.0012706
#3	.000375	.0008335	.0013127	.0039473	-.001920	-.010281	.0011146

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000204	-.000033	.0031605	.0009335	.0002648	.0010845	.0131134
Stddev	.0000257	.000047	.0139161	.0001401	.0002739	.0020554	.0038925
%RSD	126.2257	143.0011	440.3147	15.00501	103.4224	189.5316	29.68362

#1	.0000420	.000021	.0189955	.0010235	-.000049	.0034457	.0172860
#2	-.000008	-.000068	-.002391	.0010050	.000387	-.000304	.0095801
#3	.000027	-.000052	-.007123	.0007721	.000457	.000112	.0124742

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004815	.0281796	.0001866	.0004872	.0630898	-.004231	.0024609
Stddev	.0002535	.0373640	.0000794	.0003394	.1714942	.001242	.0017923
%RSD	52.64822	132.5924	42.54921	69.66604	271.8257	29.35995	72.82943

#1	.0007322	.0619787	.0001641	.0008787	-.083227	-.004069	.0043603
#2	.0004869	.0345026	.0002748	.0002767	.251807	-.003078	.0007996
#3	.0002253	-.011942	.0001209	.0003061	.020689	-.005546	.0022229

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1733479	-.002726	.0126306	.0003406	-.000363	.0005194	.0004794
Stddev	.0666819	.001292	.0009059	.0003619	.002492	.0006099	.0009150
%RSD	38.46709	47.39620	7.172571	106.2569	686.5585	117.4175	190.8817

#1	.2471374	-.001262	.0127808	.0007130	-.002891	.0006490	.0014213
#2	.1555006	-.003210	.0116590	.0003185	-.000289	-.000145	.0004228
#3	.1174057	-.003706	.0134521	-.000010	.002091	.001054	-.000406

Sample Name: CCB021 Acquired: 07/12/2019 11:16:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB021 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003709	.0013966	.0001533
Stddev	.0003679	.0023743	.0000323
%RSD	99.20018	170.0083	21.07636

#1	.0004148	.0030866	.0001475
#2	.0007149	.0024209	.0001242
#3	-.000017	-.001318	.0001880

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2157.344	2170.121	48769.16	9565.527	3701.500
Stddev	7.896	2.924	247.72	68.447	7.903
%RSD	.3659891	.1347329	.5079464	.7155596	.2135101

#1	2155.838	2169.252	48749.90	9623.596	3696.994
#2	2150.310	2167.730	48531.63	9582.924	3696.880
#3	2165.884	2173.381	49025.95	9490.060	3710.625

Sample Name: PB121313BL Acquired: 07/12/2019 11:20:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW313 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037874	.0048660	.0002702	-.000375	-.003472	.0181551	.0019297
Stddev	.0057292	.0018842	.0005522	.001957	.001906	.0052403	.0005518
%RSD	151.2716	38.72077	204.3865	521.5702	54.88417	28.86373	28.59608

#1	-.002828	.0047656	-.000367	-.000519	-.004328	.0124520	.0013008
#2	.007056	.0030341	.000595	.001650	-.004801	.0192556	.0023329
#3	.007134	.0067984	.000583	-.002257	-.001289	.0227577	.0021555

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001363	-.000088	.0604064	.0006103	.0006889	.0018049	.0075178
Stddev	.0000718	.000039	.0142846	.0001539	.0001477	.0030553	.0062096
%RSD	52.69763	44.48583	23.64747	25.21103	21.43286	169.2815	82.59897

#1	.0001445	-.000088	.0439568	.0007272	.0008583	.0047980	.0084939
#2	.0002037	-.000127	.0675793	.0004360	.0005875	.0019257	.0008780
#3	.0000607	-.000049	.0696831	.0006676	.0006209	-.001309	.0131817

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000588	.0597199	.0010952	.0003281	-.022805	-.001375	.0080576
Stddev	.000536	.0063916	.0001774	.0002893	.279894	.000559	.0016090
%RSD	91.16341	10.70266	16.19646	88.17194	1227.346	40.62367	19.96812

#1	-.000056	.0653347	.0010816	.0002298	-.336129	-.000779	.0067140
#2	-.001129	.0610607	.0012790	.0001008	.065215	-.001460	.0098406
#3	-.000580	.0527642	.0009250	.0006537	.202500	-.001887	.0076183

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.538124	.0003663	.0017928	-.000402	-.002032	.0020581	-.002279
Stddev	.061271	.0018806	.0008069	.000175	.002534	.0017545	.001191
%RSD	11.38597	513.4036	45.00813	43.48304	124.6944	85.24603	52.26966

#1	-.604677	.0020736	.0026320	-.000485	-.004875	.0039137	-.001437
#2	-.484059	-.001650	.0010226	-.000201	-.000014	.0004262	-.001758
#3	-.525637	.000675	.0017238	-.000521	-.001206	.0018345	-.003642

Sample Name: PB121313BL Acquired: 07/12/2019 11:20:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW313 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000820	-.008109	.0000919
Stddev	.0008861	.001651	.0000600
%RSD	1081.037	20.35715	65.23997

#1	-.000369	-.009565	.0001508
#2	-.000488	-.008446	.0000309
#3	.001103	-.006316	.0000940

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2335.360	2322.099	51938.96	9915.115	3934.464
Stddev	22.906	2.531	616.73	52.023	5.954
%RSD	.9808520	.1089878	1.187405	.5246857	.1513379

#1	2361.655	2323.321	52565.22	9936.520	3941.338
#2	2324.691	2323.787	51919.41	9855.804	3931.169
#3	2319.735	2319.189	51332.24	9953.021	3930.886

Sample Name: PB121313BS Acquired: 07/12/2019 11:24:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS313 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0248265	.0520834	.0180680	.0754817	.1071729	.3746380
Stddev	.0012887	.0012818	.0013325	.0017407	.0012316	.0127400
%RSD	5.190810	2.461133	7.375064	2.306116	1.149169	3.400619

#1	.0254103	.0510414	.0192186	.0738135	.1085942	.3699651
#2	.0257199	.0535148	.0183773	.0772868	.1064198	.3890547
#3	.0233492	.0516939	.0166080	.0753447	.1065047	.3648944

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3532311	.0106124	.0095278	9.003967	.0215392	.0881045
Stddev	.0001563	.0001058	.0000847	.039465	.0003678	.0001086
%RSD	.0442407	.9964500	.8887515	.4383053	1.707752	.1232283

#1	.3530599	.0106083	.0094860	8.969378	.0211155	.0880423
#2	.3533661	.0105087	.0094721	8.995567	.0217267	.0882299
#3	.3532672	.0107201	.0096252	9.046955	.0217756	.0880413

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0452036	.2012796	.0286165	8.828360	.0747986	.0183496
Stddev	.0017475	.0072235	.0004121	.034082	.0004133	.0002871
%RSD	3.865852	3.588814	1.440194	.3860469	.5525110	1.564842

#1	.0470575	.1932459	.0290605	8.805694	.0752384	.0181463
#2	.0449668	.2072393	.0285428	8.867555	.0744183	.0182245
#3	.0435866	.2033537	.0282462	8.811832	.0747391	.0186781

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.832795	.0908709	.1445750	8.241414	.0161257	.1797401
Stddev	.221245	.0027843	.0007440	.038789	.0027847	.0008084
%RSD	2.504813	3.064040	.5146400	.4706611	17.26856	.4497351

#1	8.646634	.0876986	.1448804	8.223402	.0192061	.1801233
#2	8.774359	.0920045	.1437269	8.214907	.0137869	.1802856
#3	9.077392	.0929097	.1451178	8.285935	.0153841	.1788114

Sample Name: PB121313BS Acquired: 07/12/2019 11:24:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS313 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0163975	.1633585	.1830828	F .0542293	.1654741	.0243016
Stddev	.0001968	.0057085	.0005093	.0005867	.0005086	.0018705
%RSD	1.200017	3.494432	.2781870	1.081963	.3073469	7.697096
#1	.0164149	.1672353	.1831086	.0546939	.1657311	.0222554
#2	.0161926	.1568033	.1825611	.0544240	.1658029	.0259236
#3	.0165850	.1660368	.1835788	.0535700	.1648883	.0247259

Elem	Sr4077
Units	ppm
Avg	.1853103
Stddev	.0006362
%RSD	.3433335
#1	.1845992
#2	.1858257
#3	.1855058

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2305.326	2301.182	51478.67	9957.547	3940.525
Stddev	3.330	3.336	151.51	47.620	6.473
%RSD	.1444473	.1449772	.2943156	.4782258	.1642687
#1	2307.602	2304.678	51535.19	9994.606	3944.414
#2	2301.504	2300.834	51593.79	9974.195	3944.107
#3	2306.873	2298.033	51307.02	9903.838	3933.052

Sample Name: K3727-02 Acquired: 07/12/2019 11:37:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBEEZ8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122929	.0017149	.0097566	-.000528	-.004372	2.520210	.1821611
Stddev	.0014509	.0024743	.0017613	.003076	.000851	.009061	.0005323
%RSD	11.80281	144.2797	18.05254	582.7222	19.45774	.3595520	.2921979

#1	.0114271	-.001142	.0116262	-.000158	-.003580	2.509901	.1827689
#2	.0139679	.003126	.0081286	-.003772	-.004265	2.526916	.1817779
#3	.0114837	.003160	.0095149	.002347	-.005272	2.523812	.1819365

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001968	-.000074	.3722646	.0026595	.0004991	.0144349	1.018199
Stddev	.0000416	.000108	.0042765	.0003175	.0001894	.0019014	.013019
%RSD	21.15347	147.5147	1.148768	11.93797	37.94412	13.17190	1.278600

#1	.0001899	.000051	.3716804	.0029030	.0003896	.0148244	1.016470
#2	.0001590	-.000147	.3768031	.0023004	.0003898	.0123690	1.031996
#3	.0002415	-.000125	.3683103	.0027751	.0007177	.0161114	1.006131

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035573	.1344385	.0013848	-.000250	1.848025	.0027215	.0856420
Stddev	.0002809	.0241094	.0002007	.000290	.202657	.0025787	.0017722
%RSD	7.895280	17.93340	14.49548	116.4041	10.96614	94.75026	2.069349

#1	.0035753	.1367829	.0012392	-.000567	1.881909	.0011699	.0843178
#2	.0038288	.1572901	.0013014	.000004	2.031604	.0012965	.0876553
#3	.0032679	.1092426	.0016138	-.000186	1.630562	.0056982	.0849530

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.197871	.1187744	.0935280	-.000228	.5382810	1.124700	-.002418
Stddev	.045434	.0010227	.0009940	.000155	.0081262	.009117	.001339
%RSD	22.96141	.8610790	1.062749	68.09995	1.509657	.8106147	55.35970

#1	-.189574	.1176190	.0939946	-.000207	.5467901	1.115242	-.000923
#2	-.246882	.1191405	.0942029	-.000084	.5374515	1.125425	-.003504
#3	-.157158	.1195636	.0923866	-.000392	.5306013	1.133432	-.002826

Sample Name: K3727-02 Acquired: 07/12/2019 11:37:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBEEZ8D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0238548	-.005873	.0048264
Stddev	.0005309	.000887	.0000228
%RSD	2.225756	15.10469	.4717659

#1	.0233495	-.006607	.0048333
#2	.0244082	-.004887	.0048450
#3	.0238067	-.006124	.0048010

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2273.977	2279.500	50731.28	9867.575	3878.700
Stddev	8.366	4.309	149.82	22.550	10.606
%RSD	.3679209	.1890321	.2953263	.2285270	.2734402

#1	2283.430	2275.856	50894.99	9893.604	3879.399
#2	2267.526	2284.256	50697.87	9855.185	3888.938
#3	2270.975	2278.388	50600.98	9853.937	3867.761

Sample Name: K3727-01 Acquired: 07/12/2019 11:33:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBEEZ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0130716	.0030253	.0101184	.0014358	-.005431	2.567072	.1833434
Stddev	.0039350	.0019848	.0008770	.0009845	.000892	.005459	.0012676
%RSD	30.10374	65.60502	8.667495	68.56587	16.43359	.2126438	.6913563

#1	.0122744	.0027582	.0092671	.0003199	-.006435	2.563637	.1839126
#2	.0095962	.0011876	.0100690	.0021817	-.005130	2.573367	.1842266
#3	.0173442	.0051301	.0110190	.0018057	-.004728	2.564213	.1818910

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001578	-.000045	.3822533	.0027917	.0005574	.0136336	1.054199
Stddev	.0000161	.000092	.0180544	.0004884	.0003867	.0026133	.012630
%RSD	10.21992	203.7292	4.723146	17.49277	69.37110	19.16838	1.198090

#1	.0001738	-.000152	.3789191	.0029924	.0010014	.0137693	1.043115
#2	.0001582	-.000002	.3660983	.0022350	.0002938	.0161764	1.051532
#3	.0001416	.000017	.4017423	.0031477	.0003771	.0109551	1.067950

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035568	.1444844	.0020679	-.000179	1.772432	.0007816	.0889151
Stddev	.0006055	.0142296	.0002476	.000328	.277314	.0017182	.0016133
%RSD	17.02512	9.848537	11.97095	183.7871	15.64594	219.8469	1.814376

#1	.0030042	.1357871	.0022734	-.000134	1.804006	-.001041	.0870682
#2	.0042041	.1609057	.0017931	-.000527	1.480683	.002372	.0896281
#3	.0034620	.1367603	.0021372	.000125	2.032607	.001014	.0900490

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.070299	.1193795	.0948663	-.000147	.5423310	1.162673	-.002943
Stddev	.011008	.0014722	.0008139	.000248	.0077126	.013481	.000417
%RSD	15.65908	1.233235	.8579679	168.8697	1.422117	1.159487	14.17732

#1	-.059363	.1206887	.0957276	.000006	.5493366	1.175986	-.003080
#2	-.070158	.1177858	.0947616	-.000432	.5340664	1.149030	-.002475
#3	-.081378	.1196640	.0941099	-.000014	.5435902	1.163003	-.003275

Sample Name: K3727-01 Acquired: 07/12/2019 11:33:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBEEZ8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0241107	-.005700	.0048978
Stddev	.0013195	.000910	.0000670
%RSD	5.472471	15.96089	1.368883

#1	.0243514	-.005847	.0048252
#2	.0226874	-.006528	.0049575
#3	.0252932	-.004726	.0049106

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2275.494	2276.358	50893.40	9867.187	3871.849
Stddev	13.746	.817	519.83	20.020	5.513
%RSD	.6041055	.0358767	1.021402	.2028929	.1423945

#1	2290.122	2275.886	51231.05	9844.631	3868.431
#2	2262.844	2275.888	50294.79	9882.848	3868.908
#3	2273.516	2277.302	51154.36	9874.083	3878.210

Sample Name: PB121313TB Acquired: 07/12/2019 11:29:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LEB313 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031641	.0031703	.0014871	.0017452	-.004524	.0035302	.0017295
Stddev	.0027644	.0006888	.0018455	.0010181	.001221	.0050702	.0001268
%RSD	87.36762	21.72518	124.0973	58.33837	26.97944	143.6233	7.330157

#1	.0012482	.0024141	-.000611	.0024307	-.005878	-.000570	.0017651
#2	.0063331	.0033351	.002857	.0022295	-.004184	.001961	.0018346
#3	.0019110	.0037617	.002216	.0005753	-.003509	.009199	.0015887

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000739	-.000032	.0261862	.0007401	.0001343	.0023858	.0066510
Stddev	.0000129	.000169	.0142436	.0001823	.0001440	.0003306	.0069144
%RSD	17.40243	522.3661	54.39356	24.62592	107.2160	13.85676	103.9598

#1	.0000848	-.000228	.0340836	.0005704	-.000014	.0027419	.0132935
#2	.0000771	.000069	.0097434	.0007171	.000273	.0023268	-.000506
#3	.0000597	.000061	.0347317	.0009327	.000144	.0020887	.007166

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000209	.0193537	.0004154	.0005502	-.031692	-.001694	.0283578
Stddev	.000376	.0217818	.0001235	.0005368	.266812	.002247	.0004742
%RSD	179.5354	112.5460	29.72966	97.56342	841.8793	132.6336	1.672193

#1	.000224	.0411125	.0003242	.0011680	.087707	.000433	.0278937
#2	-.000445	-.002451	.0003660	.0002832	.154569	-.004045	.0283383
#3	-.000407	.019400	.0005559	.0001992	-.337353	-.001471	.0288415

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.576791	-.000450	.0015603	-.000531	.0387512	-.004283	-.002986
Stddev	.054262	.001011	.0018846	.000144	.0009626	.000944	.000696
%RSD	9.407573	224.5018	120.7888	27.11977	2.484022	22.03092	23.30637

#1	-.576345	-.001311	.0031826	-.000659	.0377787	-.003958	-.003737
#2	-.522753	-.000702	.0020053	-.000561	.0387715	-.005346	-.002857
#3	-.631274	.000663	-.000507	-.000375	.0397035	-.003545	-.002363

Sample Name: PB121313TB Acquired: 07/12/2019 11:29:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LEB313 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000027	-.008083	.0001759
Stddev	.001123	.000097	.0000765
%RSD	4107.801	1.203021	43.50561

#1	-.000835	-.008046	.0001132
#2	.001254	-.008194	.0002612
#3	-.000501	-.008010	.0001533

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2263.846	2270.360	50588.69	9850.201	3846.904
Stddev	2.327	6.357	94.41	138.158	6.481
%RSD	.1028092	.2799800	.1866314	1.402589	.1684638

#1	2264.219	2277.416	50479.71	9872.229	3854.343
#2	2265.964	2268.582	50645.62	9702.353	3843.887
#3	2261.355	2265.081	50640.75	9976.022	3842.481

Sample Name: K3727-01LX5 Acquired: 07/12/2019 11:45:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBEEZ8L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003756	.0036408	.0038757	.0020847	-.002440	.5008453	.0356767
Stddev	.0017558	.0002828	.0011540	.0016400	.001377	.0010896	.0005318
%RSD	467.4484	7.766167	29.77402	78.66473	56.43708	.2175439	1.490618

#1	.0000929	.0034344	.0037089	.0025102	-.000941	.5008536	.0355490
#2	.0022557	.0035249	.0028142	.0034701	-.003650	.5019307	.0362607
#3	-.001222	.0039631	.0051040	.0002740	-.002728	.4997516	.0352203

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000034	-.000007	.0892750	.0008467	.0003045	.0047763	.2065867
Stddev	.000073	.000103	.0091855	.0003010	.0001232	.0007088	.0151391
%RSD	213.5863	1383.031	10.28896	35.54930	40.46932	14.84027	7.328193

#1	-.000107	-.000021	.0884522	.0007530	.0001733	.0044823	.2224690
#2	.000039	-.000102	.0988442	.0011834	.0003224	.0055848	.1923205
#3	-.000034	.000101	.0805286	.0006037	.0004177	.0042618	.2049705

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005780	.0408258	.0007078	.0000662	.3417770	-.002185	.0181482
Stddev	.0010196	.0117748	.0004274	.0002682	.3447569	.003769	.0017750
%RSD	176.3949	28.84168	60.38568	404.9596	100.8719	172.5328	9.780836

#1	.0002537	.0273596	.0010953	.0003481	.4614203	.001805	.0160991
#2	.0017203	.0491849	.0002494	.0000363	-.046863	-.005686	.0191309
#3	-.000240	.0459328	.0007787	-.000186	.610774	-.002673	.0192145

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.055148	.0209053	.0182445	-.000343	.1095861	.2274201	-.001118
Stddev	.050768	.0054767	.0012712	.000084	.0043981	.0012430	.000330
%RSD	92.05693	26.19773	6.967566	24.35133	4.013350	.5465628	29.51928

#1	-.103434	.0225742	.0170670	-.000253	.1143741	.2260390	-.001071
#2	-.059793	.0253535	.0180745	-.000359	.1057261	.2284489	-.000814
#3	-.002218	.0147883	.0195922	-.000418	.1086581	.2277725	-.001469

Sample Name: K3727-01LX5 Acquired: 07/12/2019 11:45:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBEEZ8L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0040936	-.000942	.0010122
Stddev	.0016641	.001564	.0000450
%RSD	40.65029	166.0172	4.441130

#1	.0043700	.000859	.0009874
#2	.0056022	-.001960	.0010641
#3	.0023087	-.001726	.0009852

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2176.562	2177.808	49312.03	9752.868	3722.149
Stddev	4.453	3.307	95.85	56.578	2.243
%RSD	.2045679	.1518283	.1943821	.5801165	.0602743

#1	2172.237	2176.888	49211.32	9718.162	3721.054
#2	2176.317	2175.060	49322.64	9722.288	3724.730
#3	2181.132	2181.478	49402.14	9818.155	3720.664

Sample Name: K3728-01 Acquired: 07/12/2019 11:49:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBEEY3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070894	.0054449	.1506399	-.000316	-.003157	12.65546	1.065983
Stddev	.0057566	.0015957	.0029054	.003265	.000783	.01227	.000686
%RSD	81.19970	29.30594	1.928735	1033.119	24.79485	.0969873	.0643674

#1	.0072352	.0043988	.1536425	-.001622	-.003672	12.64236	1.066595
#2	.0012614	.0046543	.1478425	-.002726	-.002256	12.65731	1.065241
#3	.0127718	.0072815	.1504348	.003400	-.003543	12.66670	1.066112

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010060	.0003073	5.721179	.0588025	.0022970	.0610324	9.439654
Stddev	.0000114	.0001114	.030874	.0004804	.0001869	.0033797	.068900
%RSD	1.135638	36.25484	.5396357	.8170390	8.137585	5.537479	.7299007

#1	.0009936	.0003370	5.700137	.0590943	.0022173	.0648631	9.395372
#2	.0010081	.0004008	5.706778	.0582480	.0021630	.0584718	9.519036
#3	.0010161	.0001840	5.756622	.0590652	.0025105	.0597624	9.404553

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0909010	.8923434	.0053134	-.000468	3.754324	.0153687	.2741533
Stddev	.0002319	.0242864	.0004227	.000340	.283851	.0008528	.0010591
%RSD	.2550667	2.721638	7.954367	72.66849	7.560647	5.548956	.3863295

#1	.0908903	.9103176	.0048635	-.000840	3.884873	.0162201	.2734059
#2	.0906746	.8647143	.0053745	-.000172	3.949413	.0153714	.2753653
#3	.0911380	.9019982	.0057021	-.000392	3.428686	.0145145	.2736886

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6380037	.3085829	.1846520	.0001370	1.158484	9.221086	-.001988
Stddev	.0154086	.0031285	.0010428	.0002085	.005440	.120003	.000519
%RSD	2.415120	1.013812	.5647186	152.1955	.4695840	1.301395	26.12669

#1	.6227790	.3054295	.1836192	.0000748	1.160074	9.294824	-.001978
#2	.6535898	.3116858	.1846324	.0003695	1.152426	9.082616	-.002512
#3	.6376423	.3086335	.1857044	-.000033	1.162952	9.285817	-.001474

Sample Name: K3728-01 Acquired: 07/12/2019 11:49:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBEEY3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0338201	-.005351	.0511132
Stddev	.0007637	.001962	.0001220
%RSD	2.258235	36.65947	.2387468

#1	.0343215	-.007360	.0512534
#2	.0329411	-.005252	.0510305
#3	.0341977	-.003441	.0510559

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2300.497	2299.381	51340.42	9990.568	3894.385
Stddev	9.727	3.701	277.38	99.713	6.203
%RSD	.4228402	.1609396	.5402855	.9980713	.1592748

#1	2309.476	2302.340	51597.81	9971.009	3894.564
#2	2290.163	2295.231	51376.82	10098.61	3888.095
#3	2301.852	2300.572	51046.63	9902.08	3900.497

Sample Name: K3727-03 Acquired: 07/12/2019 11:41:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBEEZ8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0501849	.0572297	.0291380	.0399835	.0885767	4.368221	2.239604
Stddev	.0020981	.0022158	.0026852	.0027322	.0022298	.016256	.007591
%RSD	4.180752	3.871762	9.215346	6.833449	2.517360	.3721393	.3389597

#1	.0480572	.0586707	.0316607	.0416201	.0863418	4.357340	2.232628
#2	.0502453	.0583403	.0294379	.0415010	.0885870	4.360415	2.247689
#3	.0522521	.0546783	.0263155	.0368293	.0908014	4.386907	2.238495

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0545161	.0520198	.3814873	.2239874	.5048900	.2383366	2.044398
Stddev	.0002629	.0002137	.0060797	.0015667	.0008582	.0036699	.024271
%RSD	.4823150	.4107519	1.593675	.6994713	.1699753	1.539797	1.187197

#1	.0542301	.0521396	.3746508	.2237704	.5040096	.2349226	2.031839
#2	.0545709	.0517731	.3862875	.2256514	.5049361	.2422177	2.072375
#3	.0547473	.0521468	.3835235	.2225405	.5057242	.2378696	2.028980

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5228793	.1516198	.5211972	.0492269	1.722139	.5166741	.5657080
Stddev	.0009951	.0149708	.0010900	.0007339	.115299	.0025486	.0076136
%RSD	.1903204	9.873883	.2091260	1.490943	6.695093	.4932710	1.345860

#1	.5222114	.1482093	.5199748	.0499638	1.798257	.5170684	.5612282
#2	.5240230	.1386485	.5215487	.0492209	1.778676	.5139514	.5744990
#3	.5224034	.1680015	.5220680	.0484960	1.589485	.5190026	.5613970

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.225525	.1170187	.0926825	-.000375	.5410925	1.039528	-.002685
Stddev	.056293	.0009445	.0002241	.000332	.0083139	.006542	.000698
%RSD	24.96095	.8071577	.2417678	88.41550	1.536505	.6293640	25.99676

#1	-.184627	.1159288	.0924424	-.000611	.5397169	1.033395	-.003117
#2	-.202219	.1175989	.0927192	.000004	.5335521	1.038777	-.001880
#3	-.289728	.1175283	.0928860	-.000518	.5500084	1.046414	-.003059

Sample Name: K3727-03 Acquired: 07/12/2019 11:41:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBEEZ8S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0190493	-.008822	.0048190
Stddev	.0007684	.000345	.0000739
%RSD	4.033932	3.909234	1.532716

#1	.0184897	-.009131	.0047496
#2	.0199255	-.008884	.0048966
#3	.0187327	-.008450	.0048106

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2280.583	2275.577	51046.82	9869.643	3869.825
Stddev	10.154	1.647	110.35	63.377	4.061
%RSD	.4452514	.0723698	.2161714	.6421437	.1049384

#1	2292.182	2274.127	51158.16	9942.286	3873.470
#2	2273.299	2277.367	50937.49	9825.644	3870.557
#3	2276.267	2275.235	51044.80	9841.000	3865.448

Sample Name: K3728-04 Acquired: 07/12/2019 12:01:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBEF35D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035175	.0044031	.0348925	-.001087	-.002116	16.28256	1.454766
Stddev	.0040627	.0006215	.0022629	.002911	.000227	.09088	.000383
%RSD	115.4993	14.11561	6.485248	267.6705	10.71925	.5581197	.0263128

#1	.0017805	.0037967	.0346816	-.002274	-.001854	16.23672	1.454369
#2	.0081600	.0050387	.0327425	-.003217	-.002249	16.22373	1.455132
#3	.0006121	.0043739	.0372534	.002229	-.002244	16.38723	1.454798

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011958	.0001332	4.921999	.0144703	.0023839	.0372519	8.538459
Stddev	.0000487	.0000645	.063091	.0003412	.0004031	.0012217	.106407
%RSD	4.076985	48.42258	1.281821	2.357924	16.91066	3.279591	1.246208

#1	.0012515	.0000754	4.875841	.0145202	.0026161	.0360361	8.455690
#2	.0011613	.0002028	4.896267	.0141069	.0019184	.0372400	8.501201
#3	.0011745	.0001216	4.993890	.0147838	.0026172	.0384794	8.658484

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0179648	1.010773	.0051453	-.000162	6.329404	.0148961	.4045951
Stddev	.0006274	.025647	.0000972	.000083	.176873	.0008699	.0033508
%RSD	3.492374	2.537396	1.888554	51.08753	2.794472	5.839992	.8281866

#1	.0178681	1.003930	.0052516	-.000068	6.360729	.0143191	.4039438
#2	.0173914	.989241	.0050611	-.000195	6.138961	.0158967	.4082237
#3	.0186350	1.039148	.0051231	-.000224	6.488522	.0144724	.4016177

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3446859	.0264313	.2698736	-.000472	1.489353	9.281034	-.002639
Stddev	.0455979	.0009785	.0030061	.000195	.007615	.078072	.000710
%RSD	13.22883	3.702176	1.113895	41.21557	.5113040	.8412044	26.90018

#1	.2922957	.0261689	.2683949	-.000247	1.497249	9.239202	-.001932
#2	.3663399	.0275143	.2678933	-.000582	1.482054	9.232791	-.003352
#3	.3754219	.0256107	.2733327	-.000587	1.488756	9.371108	-.002635

Sample Name: K3728-04 Acquired: 07/12/2019 12:01:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBEF35D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0359726	-.003042	.0492283
Stddev	.0010884	.001940	.0000867
%RSD	3.025591	63.76734	.1761376

#1	.0347425	-.002456	.0491461
#2	.0363647	-.005206	.0493189
#3	.0368106	-.001462	.0492198

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2336.825	2327.194	51992.52	10117.23	3872.426
Stddev	.780	2.672	264.88	88.90	3.782
%RSD	.0333960	.1148297	.5094556	.8787198	.0976579

#1	2337.615	2324.314	51733.43	10132.45	3871.450
#2	2336.054	2327.674	52262.83	10197.54	3869.227
#3	2336.805	2329.594	51981.29	10021.70	3876.600

Sample Name: K3728-03 Acquired: 07/12/2019 11:57:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBEF35 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048030	.0043538	.0332276	-.001289	-.004375	14.92271	1.451828
Stddev	.0008912	.0003359	.0012408	.000918	.000708	.07067	.002174
%RSD	18.55504	7.714248	3.734398	71.18173	16.16994	.4735440	.1497483

#1	.0039455	.0040033	.0319733	-.000680	-.004938	14.89455	1.450094
#2	.0057245	.0043853	.0344546	-.000842	-.004607	14.87045	1.451123
#3	.0047390	.0046728	.0332549	-.002344	-.003581	15.00311	1.454267

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011039	.0000630	4.901110	.0124910	.0021191	.0370324	7.484069
Stddev	.0000513	.0001045	.029866	.0003364	.0003453	.0030112	.041109
%RSD	4.644698	165.7280	.6093633	2.693192	16.29528	8.131109	.5492923

#1	.0011290	.0001793	4.879494	.0121862	.0017779	.0346683	7.468420
#2	.0011379	-.000023	4.888648	.0128520	.0021110	.0360064	7.453082
#3	.0010450	.000033	4.935189	.0124349	.0024683	.0404225	7.530705

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0162857	.9950316	.0050062	.0000963	6.041956	.0145151	.4121756
Stddev	.0001708	.0208662	.0003825	.0004344	.122192	.0014997	.0030733
%RSD	1.048510	2.097035	7.641329	451.0597	2.022387	10.33187	.7456243

#1	.0161062	1.011734	.0050041	-.000389	6.130484	.0128939	.4112892
#2	.0163046	.971641	.0046247	.000447	5.902545	.0147987	.4096430
#3	.0164462	1.001719	.0053898	.000231	6.092839	.0158528	.4155947

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2886359	.0287635	.2671798	-.000217	1.474632	8.491585	-.002933
Stddev	.0232240	.0016425	.0012339	.000320	.009505	.021571	.000674
%RSD	8.046129	5.710343	.4618408	148.0114	.6445900	.2540323	22.97645

#1	.2727816	.0304094	.2685764	-.000320	1.476268	8.515610	-.003420
#2	.3152936	.0271244	.2667259	-.000472	1.483213	8.473878	-.003214
#3	.2778323	.0287567	.2662370	.000143	1.464414	8.485266	-.002164

Sample Name: K3728-03 Acquired: 07/12/2019 11:57:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBEF35 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0293953	-.003209	.0491935
Stddev	.0017774	.001432	.0001396
%RSD	6.046562	44.61255	.2838487

#1	.0300762	-.001684	.0490523
#2	.0273781	-.003419	.0493315
#3	.0307316	-.004524	.0491968

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2321.556	2327.067	52007.11	10177.84	3877.356
Stddev	23.128	4.543	254.71	68.15	8.249
%RSD	.9962161	.1952202	.4897647	.6696116	.2127371

#1	2343.338	2332.061	52297.83	10236.10	3881.926
#2	2324.046	2323.179	51900.31	10194.51	3867.834
#3	2297.284	2325.960	51823.17	10102.90	3882.309

Sample Name: K3728-02 Acquired: 07/12/2019 11:53:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBEF32 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0312069	.0026880	.3286319	.0018277	-.002665	16.13591	.7732851
Stddev	.0015924	.0005891	.0016904	.0040951	.002593	.02066	.0014445
%RSD	5.102587	21.91616	.5143760	224.0612	97.28072	.1280621	.1868030

#1	.0308527	.0026207	.3269142	-.001706	-.005238	16.12683	.7716504
#2	.0298214	.0033078	.3286880	.000874	-.000053	16.12133	.7743894
#3	.0329465	.0021354	.3302936	.006316	-.002704	16.15955	.7738156

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006801	.0000769	3.786134	.0131595	.0016517	.0481261	6.793015
Stddev	.0000545	.0000694	.023236	.0002992	.0002231	.0029467	.018776
%RSD	8.009369	90.29437	.6137240	2.273643	13.50551	6.122859	.2764039

#1	.0007428	.0000236	3.766861	.0134317	.0016888	.0454820	6.788678
#2	.0006531	.0001554	3.779604	.0132076	.0014125	.0513028	6.776786
#3	.0006443	.0000516	3.811936	.0128392	.0018540	.0475936	6.813580

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0661327	.8545991	.0054266	.0001651	3.205432	.0141518	.2024147
Stddev	.0007060	.0240547	.0002639	.0002608	.207264	.0019136	.0024496
%RSD	1.067591	2.814731	4.863626	157.9571	6.466016	13.52209	1.210163

#1	.0658815	.8534492	.0054481	.0001597	2.966396	.0159576	.2008595
#2	.0655867	.8311400	.0056792	-.000093	3.314724	.0143518	.2052383
#3	.0669300	.8792081	.0051526	.000429	3.335176	.0121461	.2011463

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.136515	.4189825	.1352203	.0000140	1.269966	6.335077	-.001961
Stddev	.065433	.0028774	.0009074	.0000353	.003249	.040568	.001090
%RSD	47.93096	.6867520	.6710149	252.9018	.2558334	.6403640	55.57353

#1	-.201679	.4161795	.1346907	-.000021	1.273320	6.319325	-.002613
#2	-.070816	.4219289	.1347023	.000014	1.266833	6.304749	-.002568
#3	-.137050	.4188392	.1362680	.000049	1.269746	6.381159	-.000703

Sample Name: K3728-02 Acquired: 07/12/2019 11:53:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBEF32 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0445624	-.004678	.0214532
Stddev	.0009036	.001057	.0000459
%RSD	2.027655	22.60036	.2141593

#1	.0435556	-.003672	.0214308
#2	.0448288	-.004583	.0215061
#3	.0453028	-.005780	.0214228

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2294.502	2279.519	51136.65	9923.255	3863.253
Stddev	8.332	2.962	200.91	57.541	7.279
%RSD	.3631229	.1299482	.3928978	.5798558	.1884184

#1	2284.916	2280.777	50904.88	9886.843	3871.567
#2	2298.585	2276.135	51261.39	9989.592	3858.029
#3	2300.005	2281.644	51243.68	9893.331	3860.162

Sample Name: K3731-01 Acquired: 07/12/2019 12:13:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBEEY7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089813	.0039414	.2480523	-.001152	-.003157	2.188467	.4880330
Stddev	.0013009	.0008354	.0020710	.001571	.001111	.012073	.0010264
%RSD	14.48498	21.19674	.8348925	136.3434	35.20255	.5516507	.2103170

#1	.0104811	.0035927	.2463676	.000176	-.002540	2.179987	.4870341
#2	.0083042	.0033367	.2474250	-.000747	-.002491	2.202289	.4890849
#3	.0081585	.0048947	.2503644	-.002886	-.004440	2.183124	.4879800

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002125	.0001076	6.237455	.0042373	.0010921	.0159244	1.930089
Stddev	.0000688	.0000267	.019132	.0001854	.0001056	.0022634	.009988
%RSD	32.38174	24.81247	.3067252	4.374108	9.673342	14.21334	.5174979

#1	.0002510	.0000965	6.215388	.0041805	.0012135	.0174327	1.941535
#2	.0001331	.0001381	6.249386	.0044445	.0010424	.0170186	1.925590
#3	.0002536	.0000883	6.247592	.0040871	.0010205	.0133218	1.923141

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0292942	1.126045	.0033749	.0003396	2.393785	.0180123	.2821107
Stddev	.0004682	.006485	.0001972	.0000372	.165503	.0014249	.0066307
%RSD	1.598243	.5758682	5.842367	10.94544	6.913877	7.910722	2.350397

#1	.0288289	1.131724	.0035468	.0003034	2.431239	.0168205	.2744923
#2	.0297652	1.118979	.0034183	.0003377	2.212765	.0176258	.2865806
#3	.0292886	1.127432	.0031596	.0003777	2.537353	.0195906	.2852593

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.070784	.1863223	.0745021	.0011190	1.331791	2.730279	.0013639
Stddev	.053436	.0010574	.0004361	.0001799	.006989	.022894	.0004194
%RSD	75.49118	.5675006	.5853220	16.08041	.5247628	.8385187	30.75248

#1	-.041927	.1866396	.0743907	.0010255	1.338312	2.756656	.0009013
#2	-.037980	.1851426	.0741326	.0013265	1.332647	2.715568	.0017193
#3	-.132444	.1871847	.0749831	.0010050	1.324413	2.718613	.0014711

Sample Name: K3731-01 Acquired: 07/12/2019 12:13:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBEEY7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0364080	.0006631	.0557786
Stddev	.0012210	.0000906	.0001703
%RSD	3.353736	13.67011	.3052785

#1	.0362655	.0005640	.0557494
#2	.0352646	.0006836	.0556248
#3	.0376941	.0007418	.0559616

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2290.783	2292.641	51151.49	9970.737	3890.700
Stddev	7.878	3.438	167.03	52.496	5.826
%RSD	.3439088	.1499445	.3265484	.5265027	.1497314

#1	2293.866	2295.125	51315.09	9910.132	3897.417
#2	2281.829	2294.081	51158.17	9999.990	3887.658
#3	2296.653	2288.718	50981.22	10002.09	3887.025

Sample Name: K3731-02 Acquired: 07/12/2019 12:18:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBEEY7D Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106690	.0035038	.2462257	.0011064	-.001944	2.194691	.4871178
Stddev	.0050076	.0021590	.0013903	.0017387	.001334	.016905	.0020378
%RSD	46.93593	61.61771	.5646454	157.1520	68.62819	.7702894	.4183297

#1	.0054437	.0053138	.2457607	.0030730	-.001613	2.185335	.4854107
#2	.0154260	.0040834	.2451276	.0004730	-.003412	2.184532	.4865688
#3	.0111373	.0011142	.2477890	-.000227	-.000806	2.214206	.4893738

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002875	.0001575	6.218621	.0038629	.0005982	.0145903	1.941809
Stddev	.0000445	.0000619	.015641	.0001719	.0002600	.0022041	.011072
%RSD	15.46136	39.31401	.2515210	4.450012	43.45754	15.10671	.5702061

#1	.0003248	.0001829	6.203291	.0037353	.0008687	.0122535	1.953123
#2	.0002994	.0000869	6.218016	.0040584	.0003502	.0148855	1.930995
#3	.0002383	.0002027	6.234556	.0037950	.0005757	.0166320	1.941309

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0292555	1.112883	.0028606	.0001910	2.171696	.0177753	.2798610
Stddev	.0004771	.016270	.0003842	.0002805	.318621	.0008313	.0021454
%RSD	1.630643	1.461960	13.43190	146.8912	14.67152	4.676828	.7665845

#1	.0297933	1.121850	.0032885	.0004792	2.249440	.0185664	.2822935
#2	.0290902	1.094103	.0027481	.0001749	1.821398	.0169089	.2782387
#3	.0288832	1.122697	.0025452	-.000081	2.444250	.0178508	.2790507

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022585	.1864885	.0746646	.0012435	1.318096	2.757883	.0011911
Stddev	.0056407	.0056539	.0017314	.0003094	.008742	.020108	.0003828
%RSD	249.7491	3.031780	2.318886	24.88480	.6632104	.7291024	32.13908

#1	.0047133	.1907805	.0738428	.0008896	1.322944	2.744518	.0008659
#2	.0062559	.1800821	.0734972	.0014632	1.308004	2.748123	.0010944
#3	-.004194	.1886027	.0766539	.0013776	1.323338	2.781008	.0016130

Sample Name: K3731-02 Acquired: 07/12/2019 12:18:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBEEY7D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0368419	-.000086	.0554856
Stddev	.0007150	.000614	.0002271
%RSD	1.940754	711.1124	.4093498

#1	.0372143	-.000059	.0552608
#2	.0360176	.000514	.0554811
#3	.0372939	-.000714	.0557150

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2284.714	2285.331	51105.39	9901.591	3894.909
Stddev	11.646	2.409	69.27	82.863	4.491
%RSD	.5097191	.1054007	.1355447	.8368681	.1153140

#1	2295.191	2286.074	51159.77	9982.670	3893.571
#2	2272.175	2287.280	51129.00	9905.051	3899.917
#3	2286.775	2282.638	51027.40	9817.052	3891.238

Sample Name: K3728-03LX5 Acquired: 07/12/2019 12:09:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBEF35L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026570	.0034002	.0071379	.0024346	-.001012	3.271208	.3055399
Stddev	.0034160	.0006456	.0023057	.0028288	.000915	.026697	.0014738
%RSD	128.5665	18.98743	32.30178	116.1918	90.43165	.8161101	.4823489

#1	.0012422	.0040376	.0052505	.0003783	-.001121	3.246327	.3065660
#2	.0001757	.0034163	.0064554	.0056606	-.000047	3.299410	.3038511
#3	.0065532	.0027467	.0097077	.0012648	-.001867	3.267888	.3062025

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002265	.0000142	1.041830	.0028288	.0007033	.0102088	1.680742
Stddev	.0000292	.0000776	.019143	.0004235	.0000975	.0024523	.026890
%RSD	12.87448	546.1948	1.837449	14.96967	13.87022	24.02178	1.599868

#1	.0001938	-.000008	1.038500	.0029241	.0006678	.0074171	1.665451
#2	.0002498	.000100	1.062419	.0031966	.0006284	.0111941	1.711790
#3	.0002359	-.000050	1.024570	.0023659	.0008136	.0120153	1.664984

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032053	.2260617	.0008721	.0000570	1.370847	.0000130	.0868204
Stddev	.0004750	.0336857	.0004181	.0007501	.122169	.0030550	.0024699
%RSD	14.81980	14.90111	47.94375	1316.476	8.911957	23436.58	2.844787

#1	.0027370	.1975407	.0007241	.0001736	1.498945	-.003406	.0858473
#2	.0031922	.2632272	.0013441	-.000745	1.255627	.000969	.0849854
#3	.0036868	.2174170	.0005481	.000742	1.357970	.002476	.0896286

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0470561	.0057064	.0561566	-.000516	.3000622	1.852244	-.000762
Stddev	.1197192	.0009409	.0013013	.000213	.0002866	.022984	.001172
%RSD	254.4179	16.48929	2.317346	41.25321	.0955095	1.240863	153.9515

#1	.1748712	.0046300	.0560920	-.000483	.3003884	1.836931	-.002108
#2	-.062460	.0061169	.0574890	-.000743	.2999475	1.878673	.000032
#3	.028757	.0063724	.0548887	-.000321	.2998507	1.841128	-.000208

Sample Name: K3728-03LX5 Acquired: 07/12/2019 12:09:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBEF35L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0063674	.0019072	.0104691
Stddev	.0005988	.0020662	.0000842
%RSD	9.403959	108.3366	.8044295

#1	.0062865	.0007528	.0104476
#2	.0070025	.0042926	.0105620
#3	.0058131	.0006761	.0103978

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2196.529	2206.377	49616.63	9818.729	3751.029
Stddev	8.099	2.805	222.85	122.038	1.247
%RSD	.3686986	.1271529	.4491399	1.242914	.0332483

#1	2196.396	2208.272	49653.37	9884.845	3749.617
#2	2188.498	2203.154	49377.69	9677.899	3751.490
#3	2204.693	2207.705	49818.82	9893.443	3751.980

Sample Name: K3731-03 Acquired: 07/12/2019 12:22:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBEEY7S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0406899	.0566483	.2655513	.0383100	.0816957	4.080082	2.524970
Stddev	.0013605	.0012027	.0020567	.0036473	.0003438	.017326	.003199
%RSD	3.343472	2.123171	.7744933	9.520484	.4208261	.4246440	.1266821

#1	.0392520	.0554110	.2640162	.0408315	.0814421	4.061342	2.525292
#2	.0419568	.0567206	.2647495	.0399705	.0815579	4.095518	2.521623
#3	.0408608	.0578132	.2678880	.0341279	.0820870	4.083385	2.527996

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0538872	.0519906	6.142747	.2206211	.4994989	.2358501	3.068741
Stddev	.0005811	.0001235	.074298	.0007121	.0009138	.0038407	.056682
%RSD	1.078324	.2375314	1.209516	.3227769	.1829449	1.628447	1.847080

#1	.0533384	.0518705	6.064859	.2203964	.4987448	.2315160	3.034489
#2	.0544959	.0521173	6.212840	.2214185	.4992367	.2372032	3.134168
#3	.0538274	.0519840	6.150542	.2200485	.5005151	.2388311	3.037567

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5406131	1.092367	.5156429	.0485159	2.058003	.5201368	.7565237
Stddev	.0073920	.025888	.0017985	.0001698	.188686	.0026867	.0075114
%RSD	1.367345	2.369900	.3487825	.3499720	9.168427	.5165431	.9928861

#1	.5346699	1.096321	.5138496	.0486834	1.976462	.5226256	.7647687
#2	.5488905	1.116050	.5174465	.0485204	1.923799	.5204964	.7547329
#3	.5382790	1.064729	.5156326	.0483439	2.273747	.5172883	.7500695

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.057160	.1870468	.0756084	.0015063	1.313898	2.784168	.0008807
Stddev	.027560	.0045637	.0007768	.0001771	.003730	.037460	.0008126
%RSD	48.21580	2.439868	1.027346	11.75897	.2838793	1.345449	92.26574

#1	-.044790	.1891353	.0747432	.0016954	1.311642	2.743650	.0017817
#2	-.037951	.1901926	.0758362	.0014791	1.318203	2.817539	.0002033
#3	-.088738	.1818126	.0762457	.0013443	1.311849	2.791316	.0006572

Sample Name: K3731-03 Acquired: 07/12/2019 12:22:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBEEY7S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0365437	-.000727	.0548829
Stddev	.0018058	.000823	.0001143
%RSD	4.941607	113.1520	.2083074

#1	.0345321	-.000218	.0547880
#2	.0380251	-.001676	.0550098
#3	.0370739	-.000287	.0548508

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2277.237	2281.406	51045.44	9954.715	3892.338
Stddev	18.470	1.206	117.07	135.957	9.454
%RSD	.8110605	.0528419	.2293471	1.365757	.2428932

#1	2274.395	2281.096	51095.46	10097.28	3903.050
#2	2260.352	2282.736	50911.67	9826.51	3885.159
#3	2296.962	2280.386	51129.20	9940.36	3888.805

Sample Name: K3728-05 Acquired: 07/12/2019 12:30:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBEF35S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0440083	.0584197	.0551609	.0522914	.0978772	17.25974	3.474869
Stddev	.0024441	.0020903	.0007405	.0005753	.0014701	.02585	.001742
%RSD	5.553829	3.578150	1.342501	1.100178	1.502020	.1497535	.0501179

#1	.0467829	.0605936	.0554625	.0517832	.0985829	17.25910	3.472933
#2	.0430680	.0582410	.0557030	.0529160	.0961873	17.23422	3.475366
#3	.0421739	.0564244	.0543171	.0521750	.0988614	17.28591	3.476308

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0539117	.0521113	4.902813	.2275946	.5039503	.2540184	9.097105
Stddev	.0001741	.0001447	.033084	.0011109	.0006137	.0027017	.054557
%RSD	.3229434	.2777339	.6747964	.4881243	.1217787	1.063577	.5997218

#1	.0537273	.0520662	4.884018	.2285362	.5037551	.2537724	9.057077
#2	.0539346	.0522732	4.883407	.2278782	.5046379	.2514482	9.074990
#3	.0540732	.0519944	4.941013	.2263693	.5034580	.2568347	9.159247

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5253795	1.013321	.5216640	.0471586	6.041033	.5200433	.8797161
Stddev	.0040803	.023418	.0005190	.0004869	.143116	.0006285	.0044271
%RSD	.7766350	2.310981	.0994852	1.032415	2.369060	.1208589	.5032427

#1	.5244760	.987727	.5210648	.0474665	6.054928	.5196771	.8783761
#2	.5218267	1.033674	.5219744	.0474119	5.891477	.5207691	.8761138
#3	.5298358	1.018561	.5219527	.0465973	6.176695	.5196838	.8846584

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3855959	.0245986	.2649739	-.000361	1.478402	8.747462	-.002448
Stddev	.0513731	.0012460	.0003585	.000218	.005758	.044919	.000204
%RSD	13.32303	5.065274	.1352783	60.33115	.3894927	.5135145	8.315968

#1	.3293339	.0234350	.2653096	-.000539	1.473489	8.700988	-.002427
#2	.3974440	.0259132	.2645964	-.000424	1.476978	8.750753	-.002256
#3	.4300098	.0244475	.2650158	-.000118	1.484739	8.790646	-.002661

Sample Name: K3728-05 Acquired: 07/12/2019 12:30:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBEF35S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0320282	-.002251	.0485483
Stddev	.0015354	.000502	.0000794
%RSD	4.793933	22.27506	.1635867

#1	.0304871	-.001682	.0486081
#2	.0335578	-.002445	.0485787
#3	.0320397	-.002627	.0484582

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2340.007	2337.767	52336.68	10217.23	3880.022
Stddev	2.817	1.172	285.36	15.93	7.556
%RSD	.1204034	.0501236	.5452357	.1558781	.1947537

#1	2338.801	2339.093	52074.60	10203.96	3888.638
#2	2343.227	2337.338	52294.76	10234.89	3876.903
#3	2337.993	2336.870	52640.68	10212.85	3874.523

Sample Name: CCB022 Acquired: 07/12/2019 12:38:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB022 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004904	.0029638	.0023269	.0030249	-.004003	.0097142	.0003883
Stddev	.0032176	.0007483	.0024082	.0007234	.001105	.0065750	.0009209
%RSD	656.0671	25.24682	103.4916	23.91381	27.60056	67.68445	237.1628

#1	.0033570	.0027610	.0047295	.0038013	-.003543	.0075551	-.000650
#2	.0011042	.0037925	-.000087	.0023699	-.005263	.0170973	.001108
#3	-.002990	.0023378	.002338	.0029034	-.003202	.0044902	.000706

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000003	.0000322	.0155588	.0011145	.0000300	.0024536	.0224876
Stddev	.000053	.0000267	.0067738	.0001965	.0002297	.0008255	.0025653
%RSD	1907.864	82.76688	43.53700	17.62894	766.6324	33.64607	11.40760

#1	-.000055	.0000600	.0228037	.0010026	.0000438	.0033071	.0249031
#2	-.000006	.0000299	.0144893	.0009995	-.000206	.0023944	.0197950
#3	.000052	.0000068	.0093833	.0013413	.000252	.0016592	.0227646

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007539	.0460175	-.000011	.0003321	.0695779	-.002723	.0027002
Stddev	.0005675	.0410863	.000102	.0001018	.1663963	.002566	.0011973
%RSD	75.26700	89.28393	916.6762	30.64602	239.1511	94.21964	44.34005

#1	.0013936	.0496190	.000105	.0003503	.2313535	-.001373	.0014048
#2	.0005571	.0851845	-.000084	.0002225	.0784632	-.001114	.0029296
#3	.0003111	.0032491	-.000054	.0004236	-.101083	-.005682	.0037661

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1162499	-.000352	.0072190	.0002806	-.006478	.0017022	.0009286
Stddev	.1211892	.001218	.0016771	.0000553	.005558	.0009476	.0012261
%RSD	104.2489	346.2683	23.23222	19.68723	85.80552	55.66651	132.0293

#1	-.020344	.000478	.0066356	.0002276	-.008317	.0026794	.0022087
#2	.210879	.000216	.0091099	.0002765	-.000233	.0016398	.0008124
#3	.158215	-.001749	.0059114	.0003378	-.010884	.0007874	-.000235

Sample Name: CCB022 Acquired: 07/12/2019 12:38:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB022 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002664	.0026648	.0002366
Stddev	.0016423	.0006661	.0000918
%RSD	616.4244	24.99652	38.79485

#1	.0016680	.0019726	.0002460
#2	-.001541	.0033014	.0003233
#3	.000672	.0027205	.0001404

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2134.781	2141.278	48134.74	9436.941	3668.482
Stddev	9.486	2.635	176.93	64.363	7.252
%RSD	.4443456	.1230769	.3675636	.6820346	.1976847

#1	2123.875	2138.543	47959.19	9490.626	3664.645
#2	2139.345	2143.801	48132.02	9365.590	3663.955
#3	2141.121	2141.491	48313.01	9454.607	3676.846

Sample Name: CCV022 Acquired: 07/12/2019 12:34:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV022 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.748246	4.832239	24.09598	4.627378	4.762500	402.2048	9.890396
Stddev	.026795	.011359	.05235	.008779	.008148	.7638	.018502
%RSD	.5643154	.2350652	.2172636	.1897164	.1710917	.1899064	.1870673

#1	4.718369	4.841270	24.07550	4.631313	4.753104	402.1046	9.888920
#2	4.756217	4.819486	24.05697	4.633500	4.766766	401.4960	9.909591
#3	4.770151	4.835961	24.15548	4.617320	4.767630	403.0137	9.872676

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4912349	2.402778	402.0357	15.06575	2.458965	14.83678	406.2454
Stddev	.0023965	.003030	1.1627	.02152	.005035	.00741	1.5238
%RSD	.4878569	.1260910	.2891996	.1428439	.2047672	.0499740	.3750830

#1	.4899178	2.403183	402.9381	15.08031	2.457333	14.83059	406.6252
#2	.4897857	2.399567	400.7236	15.07590	2.454947	14.84500	404.5677
#3	.4940011	2.405586	402.4453	15.04103	2.464613	14.83474	407.5434

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.60181	394.7000	2.452612	1.234344	392.5201	2.434233	14.59477
Stddev	.04385	1.5762	.006052	.003692	.4319	.019446	.10805
%RSD	.3002990	.3993312	.2467452	.2990691	.1100224	.7988430	.7403593

#1	14.62097	395.2925	2.451195	1.235627	392.5791	2.443891	14.69875
#2	14.55164	392.9134	2.447394	1.237223	392.0618	2.411849	14.48306
#3	14.63282	395.8940	2.459246	1.230182	392.9194	2.446960	14.60251

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.2416	5.039606	4.874336	4.729819	4.863309	4.865805	4.887406
Stddev	.6819	.011087	.031693	.006200	.016189	.016002	.005378
%RSD	.4538575	.2199963	.6501961	.1310833	.3328734	.3288586	.1100401

#1	150.0215	5.032186	4.863808	4.723713	4.859392	4.855188	4.882430
#2	151.0063	5.034282	4.849247	4.736109	4.881096	4.858017	4.886677
#3	149.6969	5.052351	4.909953	4.729635	4.849438	4.884210	4.893112

Sample Name: CCV022 Acquired: 07/12/2019 12:34:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV022 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.865388	4.906068	4.896030
Stddev	.016527	.003432	.011147
%RSD	.3396768	.0699444	.2276647

#1	4.873971	4.902504	4.891061
#2	4.846336	4.909350	4.888233
#3	4.875857	4.906351	4.908797

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1874.815	1849.015	44152.37	9115.551	2998.649
Stddev	5.304	3.024	299.19	23.345	6.636
%RSD	.2828981	.1635279	.6776269	.2560993	.2213105

#1	1871.411	1851.405	44071.31	9137.857	2997.341
#2	1872.109	1850.023	43902.07	9091.290	3005.842
#3	1880.926	1845.616	44483.74	9117.506	2992.764

Sample Name: K3731-01LX5 Acquired: 07/12/2019 12:26:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBEEY7L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006084	.0017762	.0485088	.0054977	-.003089	.4470068	.0994857
Stddev	.0010746	.0023904	.0008580	.0021810	.001441	.0047693	.0005676
%RSD	176.6122	134.5771	1.768684	39.67202	46.63369	1.066951	.5705628

#1	.0012046	-.000976	.0494951	.0079049	-.001561	.4522802	.0992657
#2	.0012528	.002967	.0479345	.0049353	-.004422	.4457447	.1001304
#3	-.000632	.003338	.0480968	.0036529	-.003284	.4429954	.0990610

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000060	.0000614	1.275620	.0006645	.0002619	.0038223	.3885453
Stddev	.0000488	.0000186	.005267	.0003131	.0002004	.0026580	.0091063
%RSD	818.2039	30.36469	.4129057	47.12551	76.52992	69.53887	2.343699

#1	.0000551	.0000822	1.269583	.0010232	.0003641	.0024595	.3934362
#2	.0000051	.0000462	1.278003	.0004459	.0003906	.0068853	.3780385
#3	-.000042	.0000559	1.279276	.0005242	.0000310	.0021222	.3941612

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054486	.2218601	.0008336	.0001256	.5156068	.0016116	.0571848
Stddev	.0002500	.0183913	.0002643	.0002828	.1767934	.0016678	.0020852
%RSD	4.588114	8.289593	31.70164	225.2158	34.28842	103.4913	3.646406

#1	.0053994	.2225035	.0005792	.0002668	.4510879	.0007176	.0586788
#2	.0052269	.2399213	.0008150	.0003100	.3801345	.0035358	.0548026
#3	.0057196	.2031555	.0011067	-.000200	.7155978	.0005812	.0580731

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.023590	.0355640	.0127165	.0002241	.2643880	.5452872	-.000653
Stddev	.073912	.0020869	.0006552	.0001621	.0053308	.0051867	.001474
%RSD	313.3148	5.867891	5.152266	72.32112	2.016294	.9511893	225.7536

#1	-.108218	.0368331	.0126212	.0000391	.2582610	.5490492	-.001731
#2	.009146	.0331555	.0121142	.0003412	.2679640	.5474419	.001027
#3	.028300	.0367034	.0134141	.0002921	.2669391	.5393704	-.001254

Sample Name: K3731-01LX5 Acquired: 07/12/2019 12:26:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v930) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBEEY7L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0078358	-.000393	.0114392
Stddev	.0008093	.001406	.0000355
%RSD	10.32846	358.1523	.3102853

#1	.0087571	-.001769	.0114414
#2	.0075103	-.000449	.0114736
#3	.0072399	.001041	.0114027

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2175.082	2186.228	49068.98	9658.659	3734.093
Stddev	5.744	7.223	299.86	73.002	9.469
%RSD	.2640607	.3304059	.6111080	.7558234	.2535755

#1	2168.477	2178.190	49263.78	9596.993	3724.403
#2	2177.866	2188.321	49219.49	9639.720	3734.552
#3	2178.903	2192.175	48723.67	9739.265	3743.324