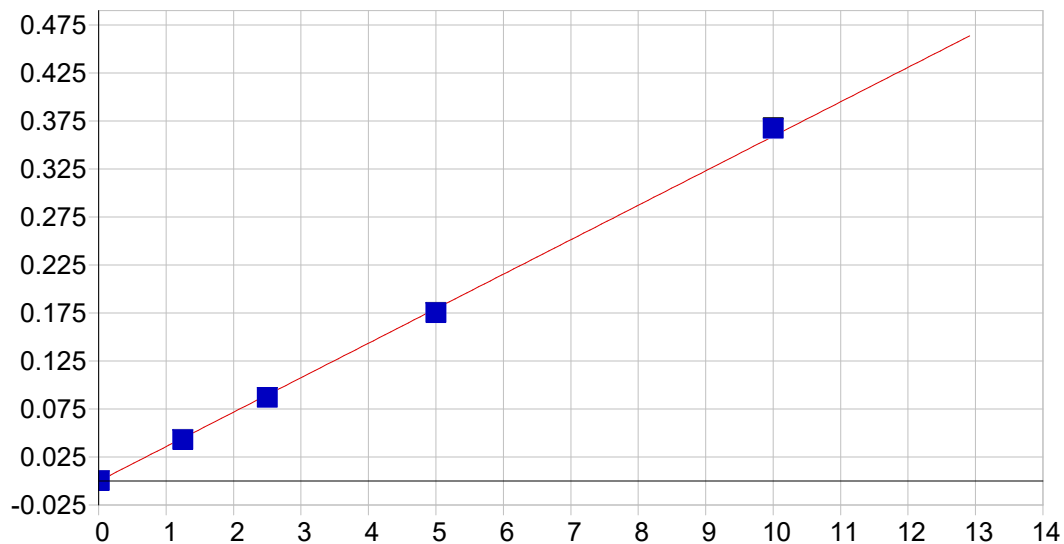


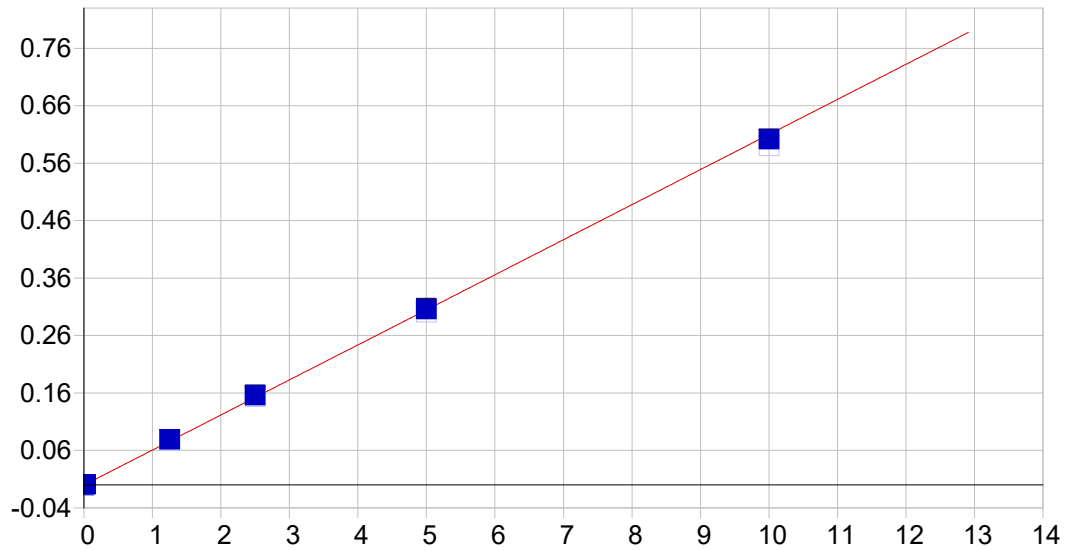


As 189.042 {479}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000166	Re-Slope:	1.000000
A1 (Gain):	0.035920	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999671	Status:	OK.
Std Error of Est:	0.000015		
Predicted MDL:	0.003398		
Predicted MQL:	0.011325		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00017	.000	1
S1	.01000	.01198	.002	19.8	.00026	.000	1
S2	1.2500	1.2025	-.047	-3.80	.04292	.000	1
S3	2.5000	2.4271	-.073	-2.92	.08680	.000	1
S4	5.0000	4.8862	-.114	-2.28	.17492	.000	1
S5	10.000	10.232	.232	2.32	.36653	.000	1

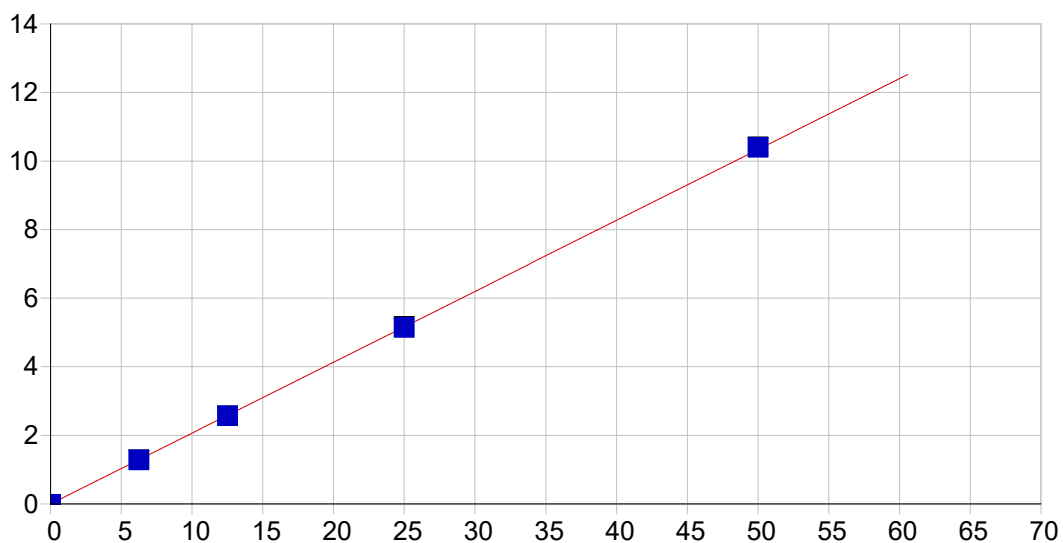


TI 190.856 {477}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000341	Re-Slope:	1.000000
A1 (Gain):	0.061024	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999831	Status:	OK.
Std Error of Est:	0.000029		
Predicted MDL:	0.002092		
Predicted MQL:	0.006972		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00034	.000	1
S1	.02500	.02882	.004	15.3	.00135	.000	1
S2	1.2500	1.2997	.050	3.98	.07757	.000	1
S3	2.5000	2.5622	.062	2.49	.15320	.001	1
S4	5.0000	5.0225	.023	.450	.30053	.001	1
S5	10.000	9.8618	-.138	-1.38	.59021	.001	1

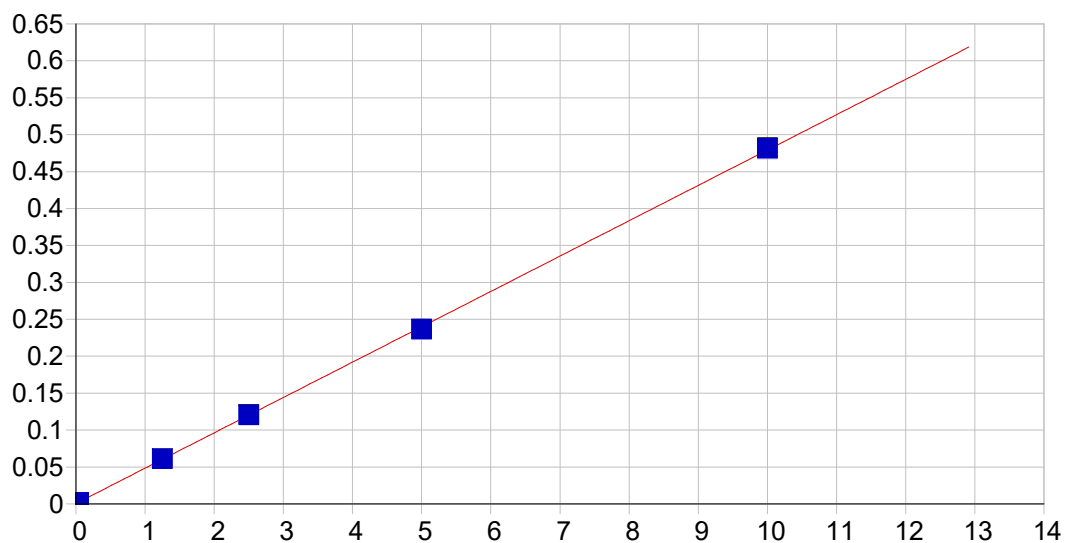


Pb 220.353 {453}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000858	Re-Slope:	1.000000
A1 (Gain):	0.206670	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999981	Status:	OK.
Std Error of Est:	0.000048		
Predicted MDL:	0.001491		
Predicted MQL:	0.004971		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00086	.000	1
S1	.01000	.00998	-.000	-.202	.00292	.000	1
S2	6.2500	6.1958	-.054	-.867	1.2816	.001	1
S3	12.500	12.394	-.106	-.846	2.5629	.007	1
S4	25.000	24.877	-.123	-.491	5.1433	.024	1
S5	50.000	50.283	.283	.566	10.395	.009	1

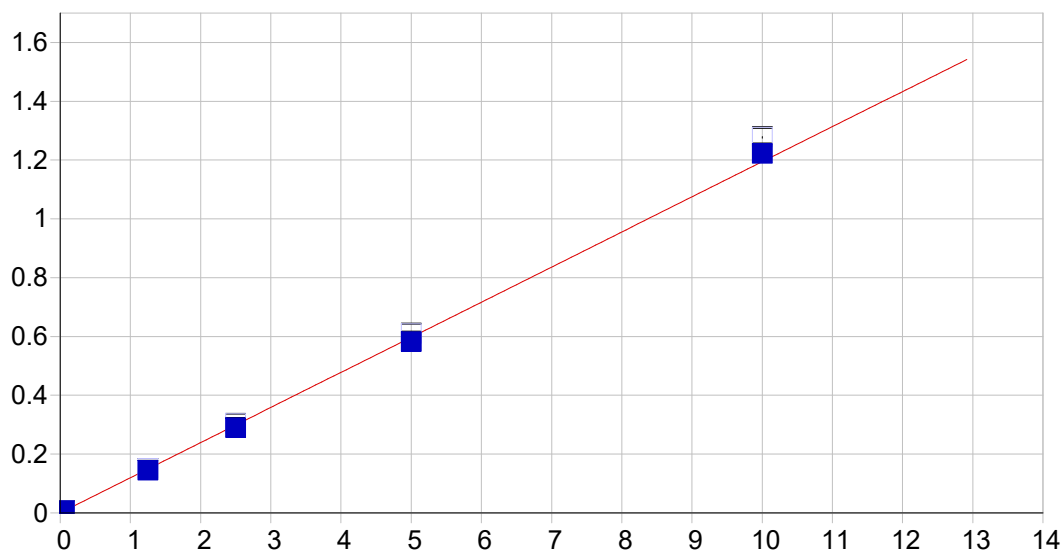


Se 196.090 {472}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000521 Re-Slope: 1.000000
 A1 (Gain): 0.047866 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999959 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.003418
 Predicted MQL: 0.011395

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00052	.000	1
S1	.03500	.03690	.002	5.44	.00229	.000	1
S2	1.2500	1.2644	.014	1.15	.06089	.000	1
S3	2.5000	2.5053	.005	.212	.12013	.000	1
S4	5.0000	4.9291	-.071	-1.42	.23583	.000	1
S5	10.000	10.049	.049	.493	.48028	.001	1

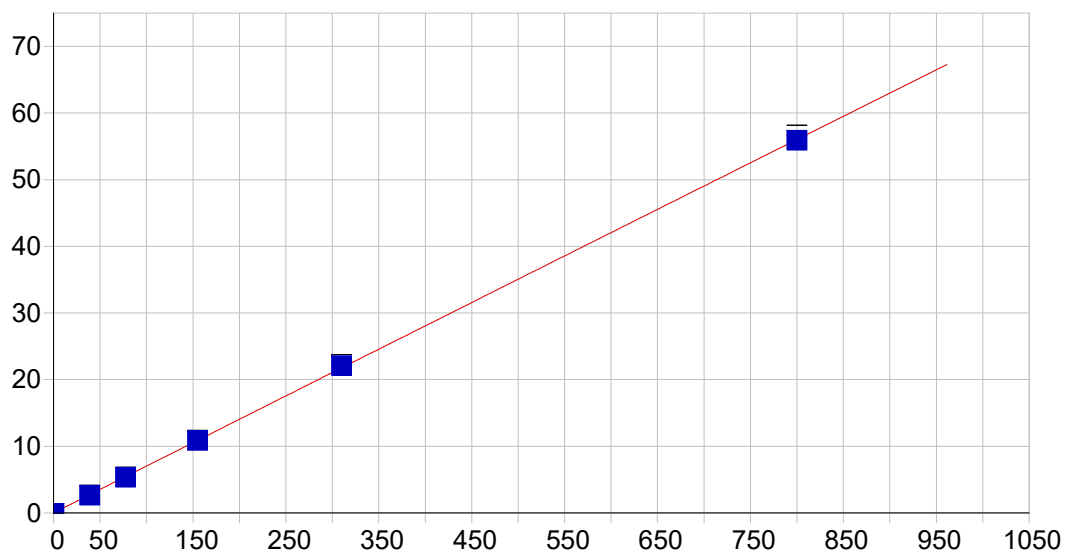


Sb 206.833 {463}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000251 Re-Slope: 1.000000
 A1 (Gain): 0.119402 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999694 Status: OK.
 Std Error of Est: 0.000127
 Predicted MDL: 0.001774
 Predicted MQL: 0.005912

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00025	.000	1
S1	.06000	.06503	.005	8.39	.00802	.000	1
S2	1.2500	1.2084	-.042	-3.33	.15141	.000	1
S3	2.5000	2.4255	-.074	-2.98	.30361	.001	1
S4	5.0000	4.8762	-.124	-2.48	.60997	.001	1
S5	10.000	10.235	.235	2.35	1.2773	.002	1

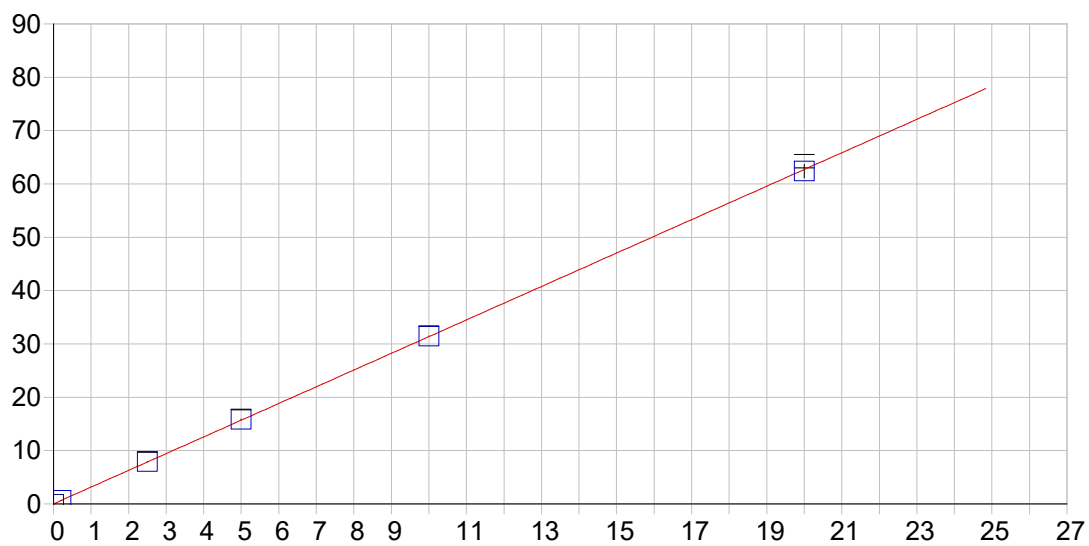


AI 396.152 { 85}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.005759 Re-Slope: 1.000000
 A1 (Gain): 0.070272 Y-int: 0.000000
 A2 (Curvature): -0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946 Status: OK.
 Std Error of Est: 0.000507
 Predicted MDL: 0.012272
 Predicted MQL: 0.040908

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00576	.001	1
S1	.20000	.20958	.010	4.79	.02073	.000	1
S2	38.750	37.543	-1.21	-3.12	2.6490	.011	1
S3	77.500	76.083	-1.42	-1.83	5.3613	.026	1
S4	155.00	154.25	-.749	-.483	10.860	.041	1
S5	310.00	314.94	4.94	1.59	22.150	.150	1
S6	800.00	798.42	-1.58	-.198	55.946	.746	1

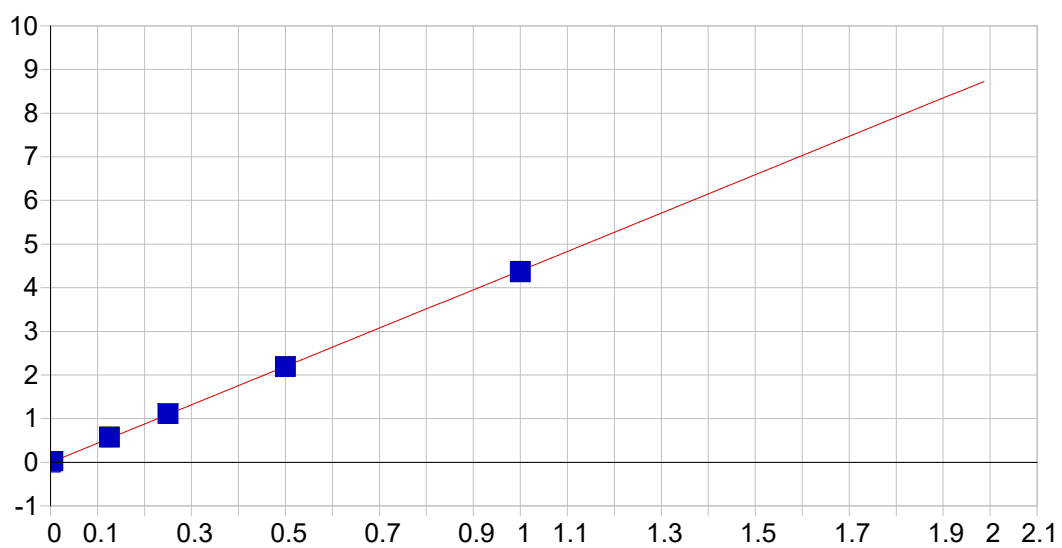


Ba 493.409 { 68}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.023585	Re-Slope:	1.000000
A1 (Gain):	3.134142	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999981	Status:	OK.
Std Error of Est:	0.002045		
Predicted MDL:	0.000718		
Predicted MQL:	0.002394		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.02355	.001	1
S1	.20000	.20891	.009	4.45	.67834	.001	1
S2	2.5000	2.5124	.012	.497	7.8979	.017	1
S3	5.0000	5.0442	.044	.884	15.833	.042	1
S4	10.000	10.032	.032	.316	31.464	.008	1
S5	20.000	19.903	-.097	-.486	62.402	1.28	1

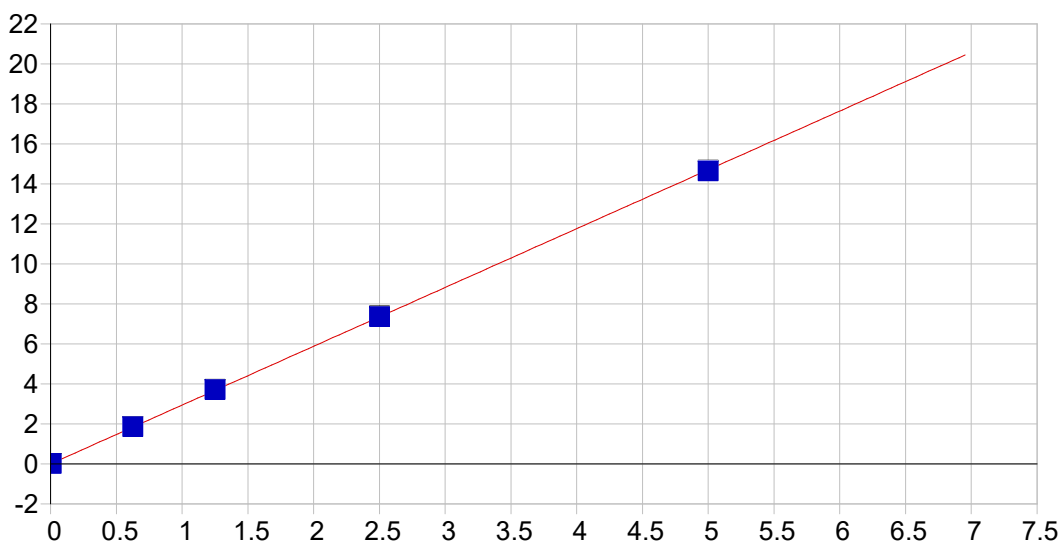


Be 234.861 {144}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000686	Re-Slope:	1.000000
A1 (Gain):	4.393267	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999911	Status:	OK.
Std Error of Est:	0.000219		
Predicted MDL:	0.000080		
Predicted MQL:	0.000265		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00069	.000	1
S1	.00500	.00548	.000	9.56	.02336	.000	1
S2	.12500	.12973	.005	3.78	.56742	.006	1
S3	.25000	.25352	.004	1.41	1.1094	.008	1
S4	.50000	.49857	-.001	-.287	2.1824	.006	1
S5	1.0000	.99271	-.007	-.729	4.3460	.018	1

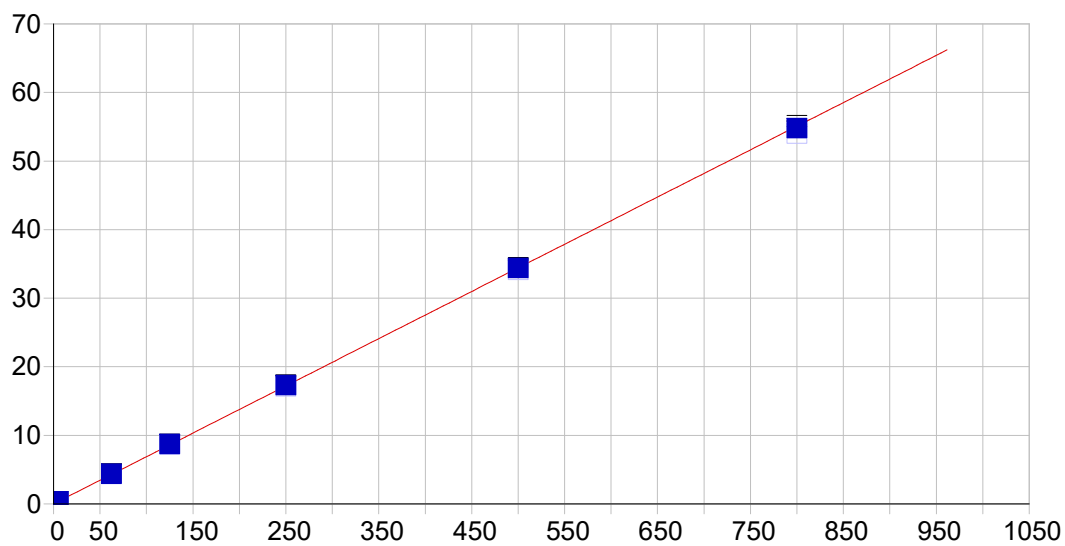


Cd 214.438 {457}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000076	Re-Slope:	1.000000
A1 (Gain):	2.940779	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999983	Status:	OK.
Std Error of Est:	0.000142		
Predicted MDL:	0.000073		
Predicted MQL:	0.000244		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00008	.000	1
S1	.00500	.00520	.000	4.03	.01538	.000	1
S2	.62500	.63262	.008	1.22	1.8633	.003	1
S3	1.2500	1.2626	.013	1.00	3.7186	.014	1
S4	2.5000	2.5003	.000	.012	7.3642	.033	1
S5	5.0000	4.9793	-.021	-.414	14.666	.019	1

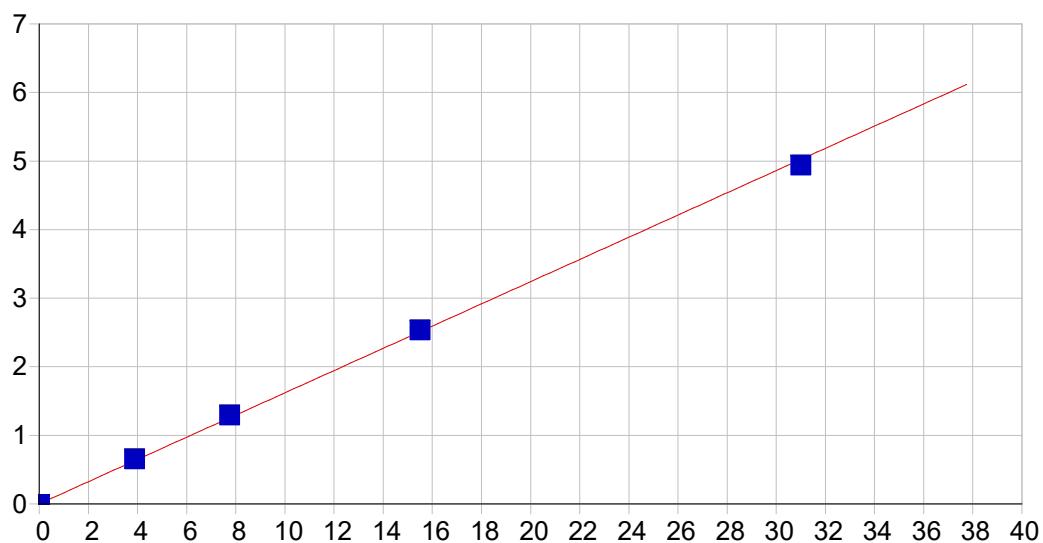


Ca 373.690 { 90}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001274 Re-Slope: 1.000000
 A1 (Gain): 0.068848 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971 Status: OK.
 Std Error of Est: 0.001808
 Predicted MDL: 0.012222
 Predicted MQL: 0.040738

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00055	-.001	.000	.00124	.001	1
S1	5.0000	5.3955	.395	7.91	.37264	.002	1
S2	62.500	63.666	1.17	1.87	4.3460	.002	1
S3	125.00	126.51	1.51	1.20	8.6339	.014	1
S4	250.00	251.21	1.21	.486	17.143	.046	1
S5	500.00	499.83	-.172	-.034	34.105	.054	1
S6	800.00	795.86	-4.14	-.517	53.973	.390	1

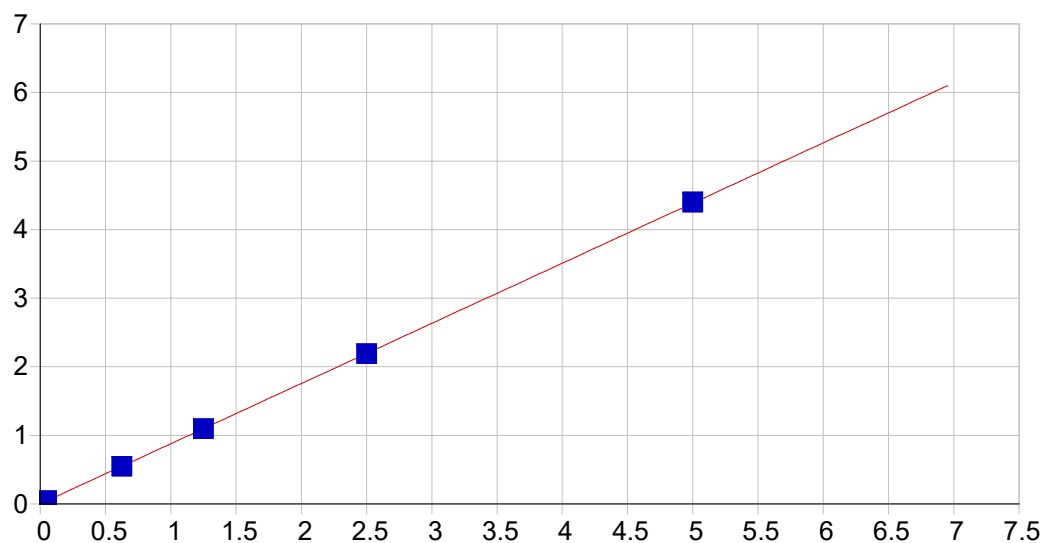


Cr 267.716 {126}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000056	Re-Slope:	1.000000
A1 (Gain):	0.162037	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999795	Status:	OK.
Std Error of Est:	0.000097		
Predicted MDL:	0.000547		
Predicted MQL:	0.001822		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00006	.000	1
S1	.01000	.01143	.001	14.3	.00191	.000	1
S2	3.8750	4.0358	.161	4.15	.65478	.001	1
S3	7.7500	7.9857	.236	3.04	1.2956	.001	1
S4	15.500	15.625	.125	.804	2.5350	.001	1
S5	31.000	30.477	-.523	-1.69	4.9448	.008	1

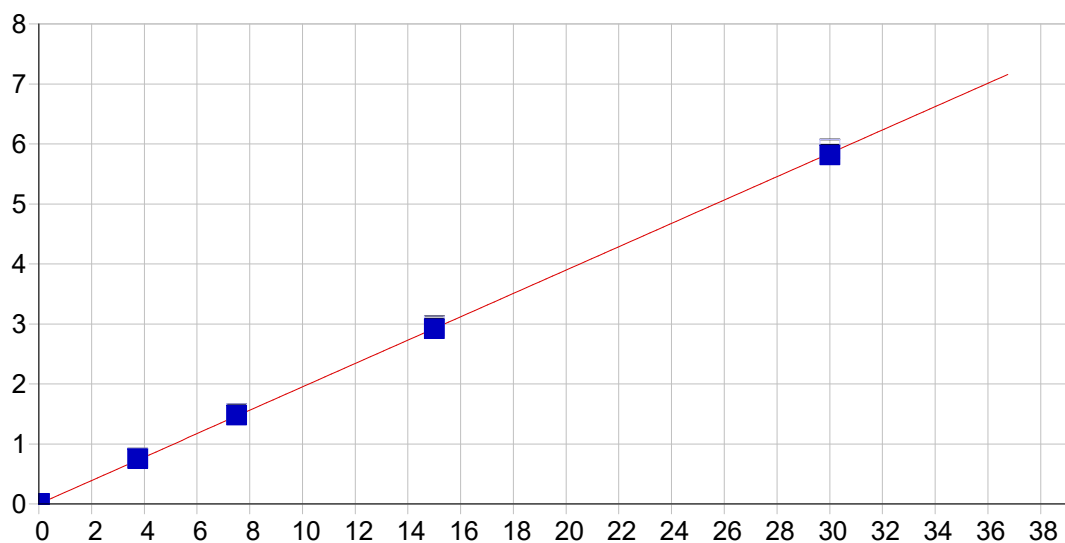


Co 228.616 {448}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000390 Re-Slope: 1.000000
 A1 (Gain): 0.877434 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999995 Status: OK.
 Std Error of Est: 0.000071
 Predicted MDL: 0.000242
 Predicted MQL: 0.000805

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00039	.000	1
S1	.05000	.05099	.001	1.98	.04528	.000	1
S2	.62500	.62173	-.003	-.524	.54678	.001	1
S3	1.2500	1.2500	-.000	-.002	1.0989	.001	1
S4	2.5000	2.4917	-.008	-.333	2.1902	.005	1
S5	5.0000	5.0106	.011	.213	4.4039	.005	1

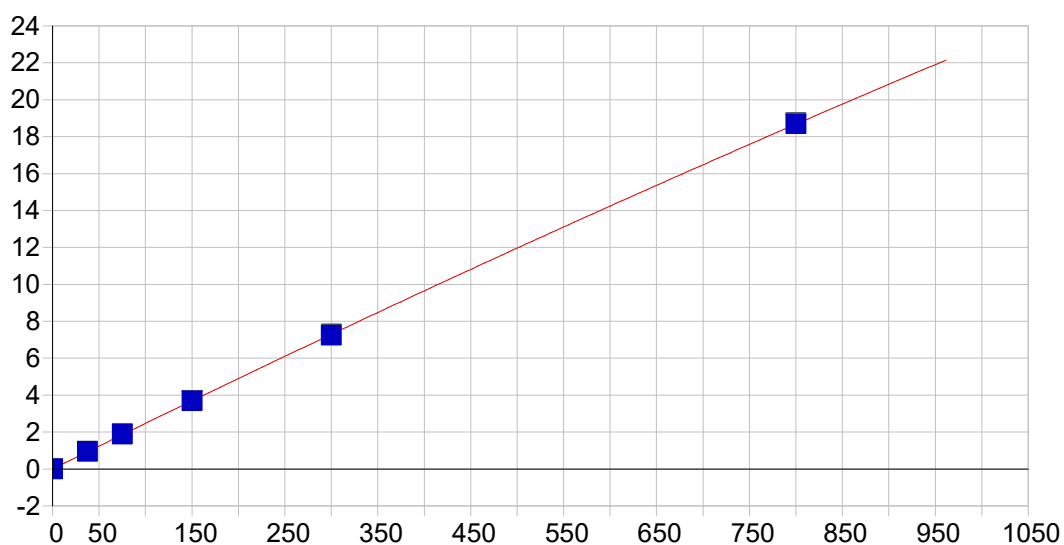


Cu 324.754 {104}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002175 Re-Slope: 1.000000
 A1 (Gain): 0.194685 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999966 Status: OK.
 Std Error of Est: 0.000075
 Predicted MDL: 0.002870
 Predicted MQL: 0.009566

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00217	.001	1
S1	.02500	.02286	-.002	-8.57	.00760	.000	1
S2	3.7500	3.8403	.090	2.41	.76152	.002	1
S3	7.5000	7.5829	.083	1.10	1.5019	.001	1
S4	15.000	14.971	-.029	-.195	2.9636	.006	1
S5	30.000	29.859	-.141	-.471	5.9089	.007	1

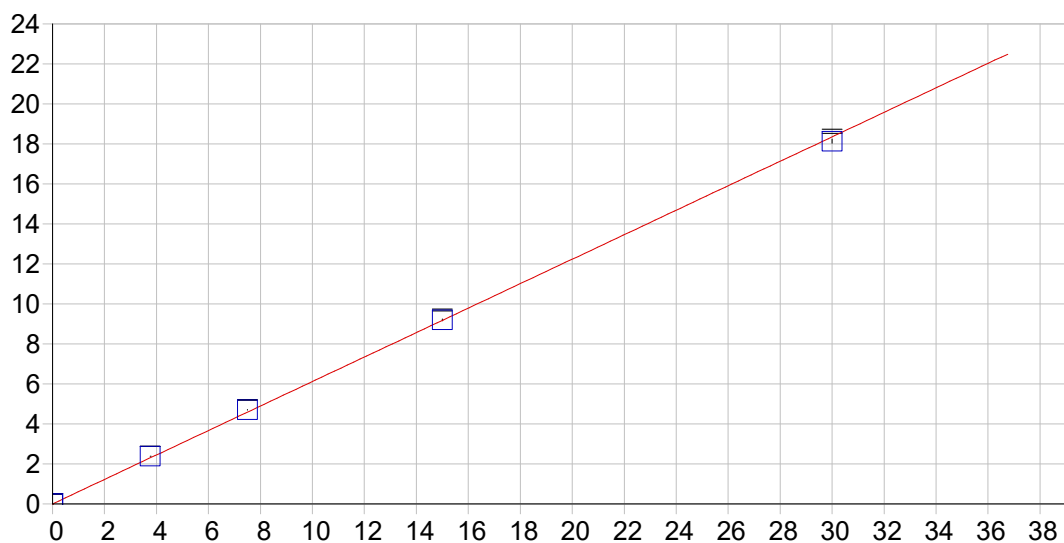


Fe 259.837 {130}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000016 Re-Slope: 1.000000
 A1 (Gain): 0.024898 Y-int: 0.000000
 A2 (Curvature): -0.000002
 n (Exponent): 1.000000
 Correlation: 0.999977 Status: OK.
 Std Error of Est: 0.000078
 Predicted MDL: 0.009889
 Predicted MQL: 0.032962

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00002	.000	1
S1	.10000	.11386	.014	13.9	.00295	.000	1
S2	37.500	38.381	.881	2.35	.95469	.003	1
S3	75.000	76.007	1.01	1.34	1.8851	.009	1
S4	150.00	149.72	-.283	-.189	3.6919	.017	1
S5	300.00	297.44	-2.56	-.853	7.2497	.059	1
S6	800.00	800.95	.951	.119	18.724	.026	1

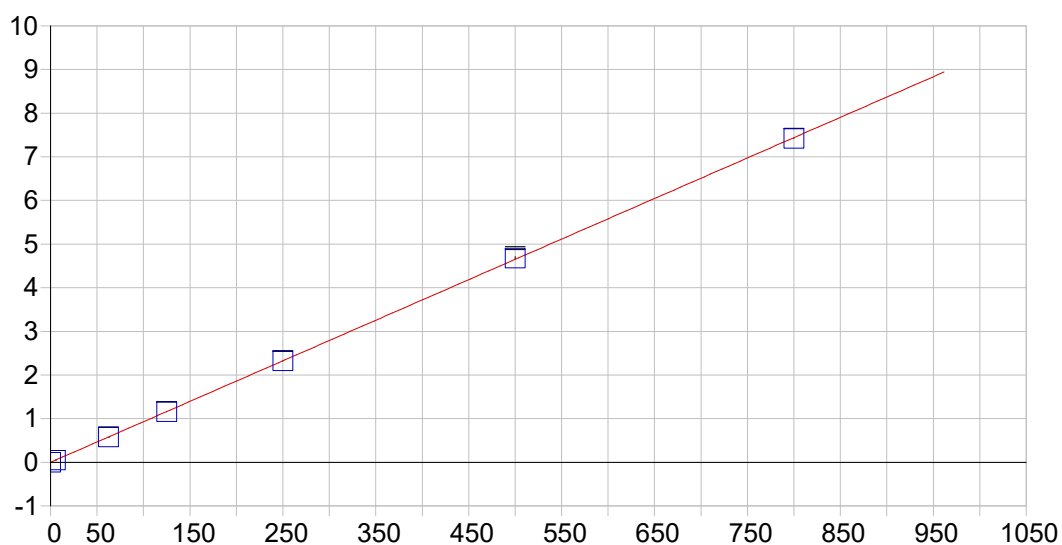


Mn 257.610 {131}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000493	Re-Slope:	1.000000
A1 (Gain):	0.611824	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999866	Status:	OK.
Std Error of Est:	0.000357		
Predicted MDL:	0.000461		
Predicted MQL:	0.001537		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00049	.000	1
S1	.01500	.01689	.002	12.6	.01083	.000	1
S2	3.7500	3.8954	.145	3.88	2.3838	.004	1
S3	7.5000	7.6882	.188	2.51	4.7043	.013	1
S4	15.000	15.030	.030	.201	9.1963	.047	1
S5	30.000	29.634	-.366	-1.22	18.132	.105	1

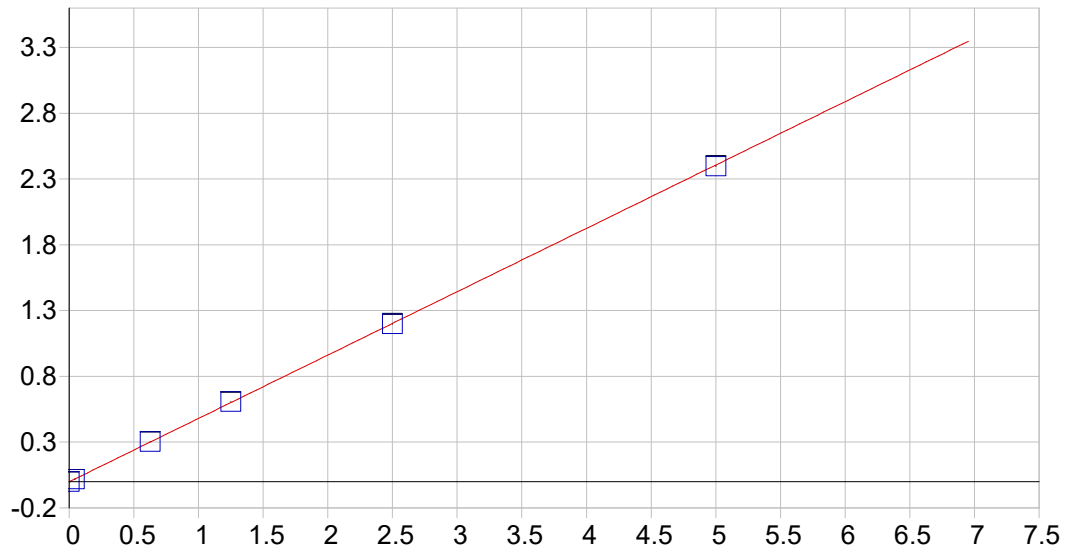


Mg 279.079 {121}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000056 Re-Slope: 1.000000
 A1 (Gain): 0.009300 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988 Status: OK.
 Std Error of Est: 0.000159
 Predicted MDL: 0.032004
 Predicted MQL: 0.106680

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00021	-.000	.000	-.00006	.000	1
S1	5.0000	5.2543	.254	5.09	.04881	.000	1
S2	62.500	62.083	-.417	-.667	.57730	.001	1
S3	125.00	124.60	-.401	-.321	1.1587	.005	1
S4	250.00	249.49	-.514	-.206	2.3201	.009	1
S5	500.00	503.07	3.07	.614	4.6784	.032	1
S6	800.00	798.01	-1.99	-.249	7.4212	.005	1

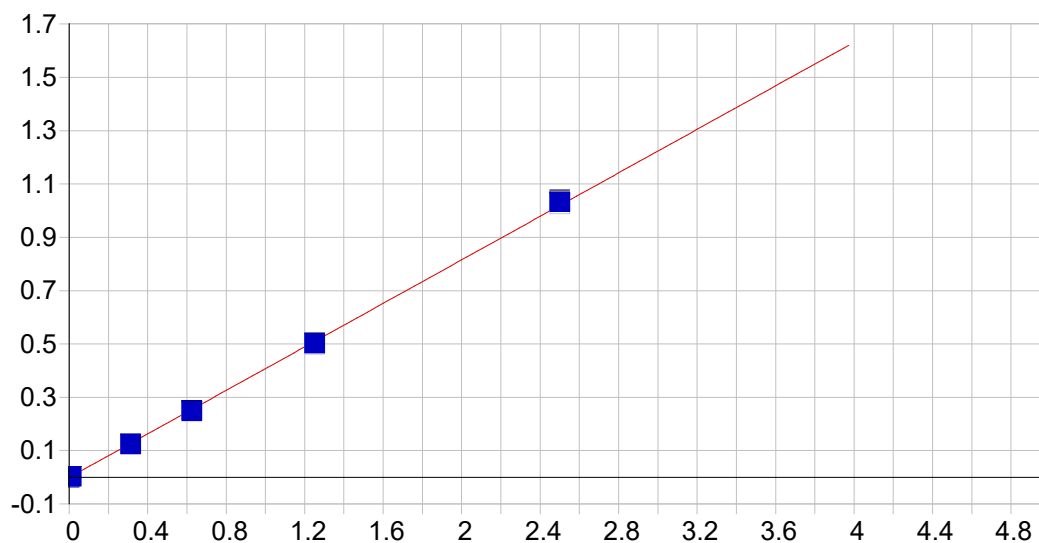


Ni 231.604 {446}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001251 Re-Slope: 1.000000
 A1 (Gain): 0.481621 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976 Status: OK.
 Std Error of Est: 0.000080
 Predicted MDL: 0.000447
 Predicted MQL: 0.001490

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00125	.000	1
S1	.04000	.04287	.003	7.17	.01939	.000	1
S2	.62500	.63074	.006	.919	.30253	.000	1
S3	1.2500	1.2630	.013	1.04	.60704	.001	1
S4	2.5000	2.4939	-.006	-.243	1.1999	.003	1
S5	5.0000	4.9845	-.016	-.311	2.3994	.003	1

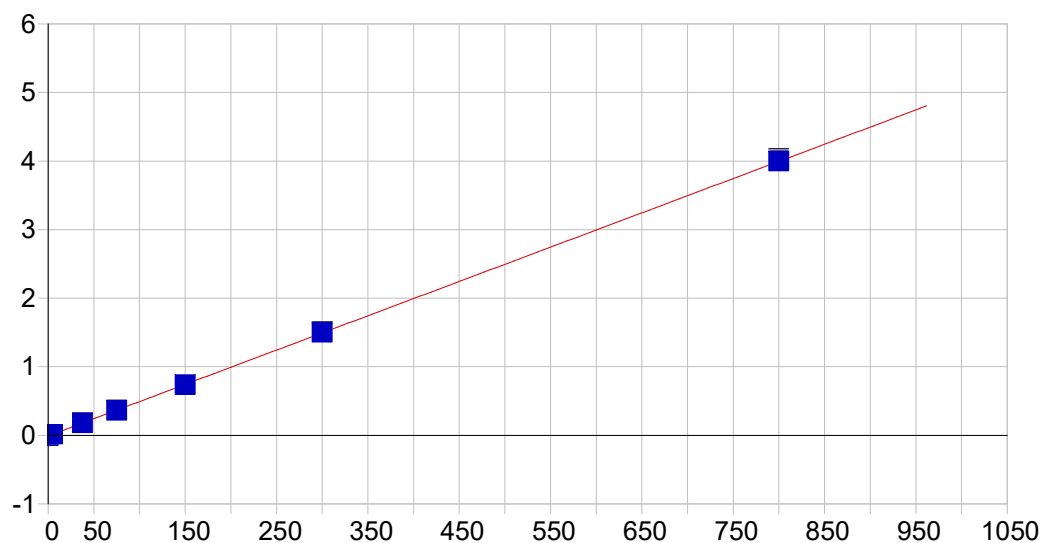


Ag 328.068 {103}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000778 Re-Slope: 1.000000
 A1 (Gain): 0.408066 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999878 Status: OK.
 Std Error of Est: 0.000053
 Predicted MDL: 0.000429
 Predicted MQL: 0.001431

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00078	.000	1
S1	.01000	.01064	.001	6.41	.00353	.000	1
S2	.31250	.30547	-.007	-2.25	.12278	.001	1
S3	.62500	.61364	-.011	-1.82	.24744	.001	1
S4	1.2500	1.2330	-.017	-1.36	.49798	.001	1
S5	2.5000	2.5348	.035	1.39	1.0249	.006	1

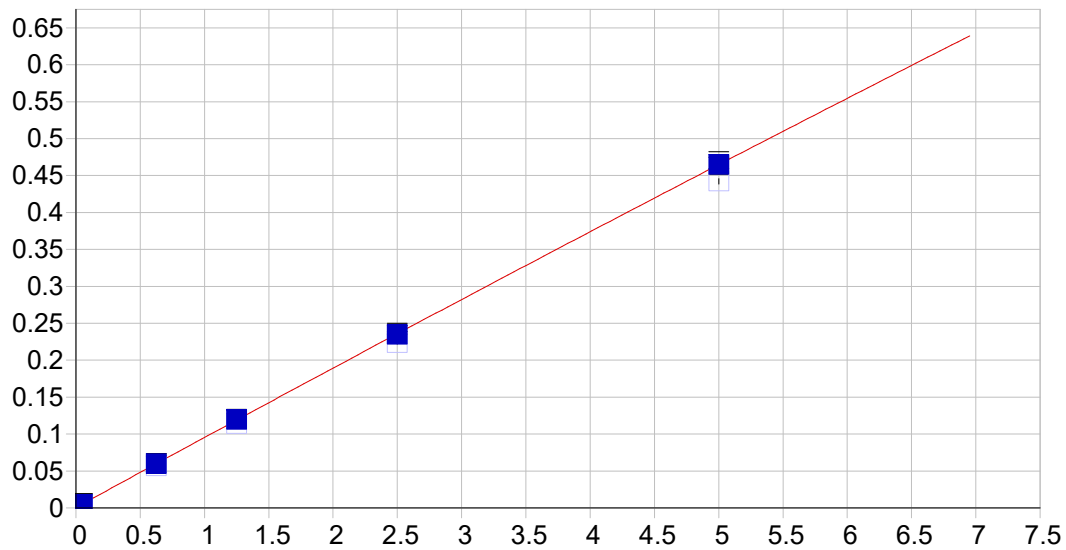


Na 818.326 { 41}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007628 Re-Slope: 1.000000
 A1 (Gain): 0.005003 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999991 Status: OK.
 Std Error of Est: 0.000067
 Predicted MDL: 0.315437
 Predicted MQL: 1.051458

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00020	.000	.000	-.00763	.001	1
S1	5.0000	4.8970	-.103	-2.06	.01688	.001	1
S2	37.500	37.218	-.282	-.751	.17943	.001	1
S3	75.000	74.290	-.710	-.947	.36574	.002	1
S4	150.00	148.85	-1.15	-.765	.74048	.002	1
S5	300.00	301.22	1.22	.406	1.5062	.009	1
S6	800.00	801.02	1.02	.128	4.0180	.016	1

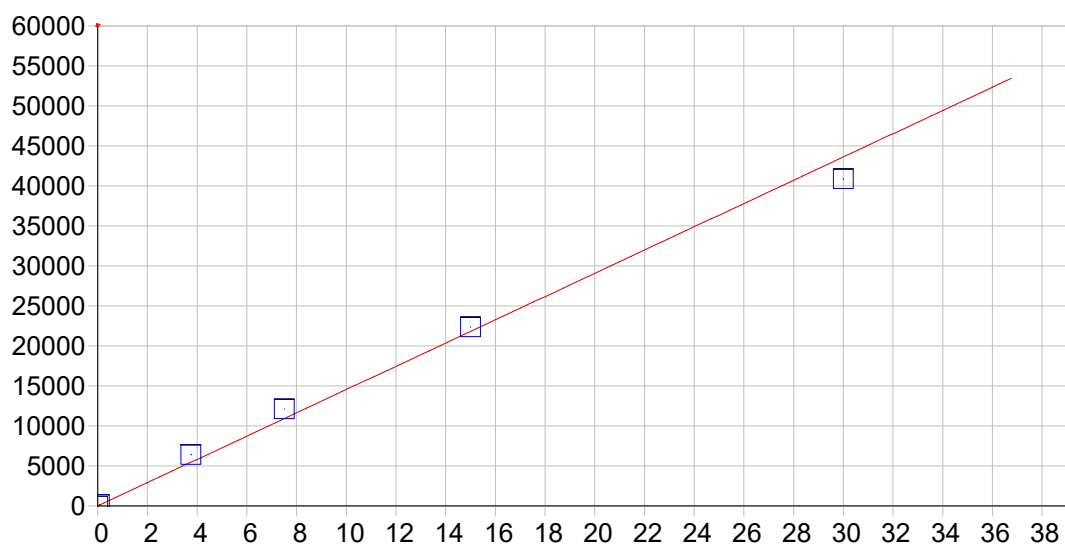


V 292.402 {115}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	0.000474	Re-Slope:	1.000000
A1 (Gain):	0.095427	Y-int:	0.000000
A2 (Curvature):	-0.000514		
n (Exponent):	1.000000		
Correlation:	0.999995	Status:	OK.
Std Error of Est:	0.000008		
Predicted MDL:	0.003579		
Predicted MQL:	0.011930		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00047	.000	1
S1	.05000	.05016	.000	.310	.00525	.000	1
S2	.62500	.62383	-.001	-.188	.05695	.000	1
S3	1.2500	1.2572	.007	.579	.11392	.000	1
S4	2.5000	2.4908	-.009	-.369	.22354	.002	1
S5	5.0000	5.0030	.003	.060	.44217	.004	1

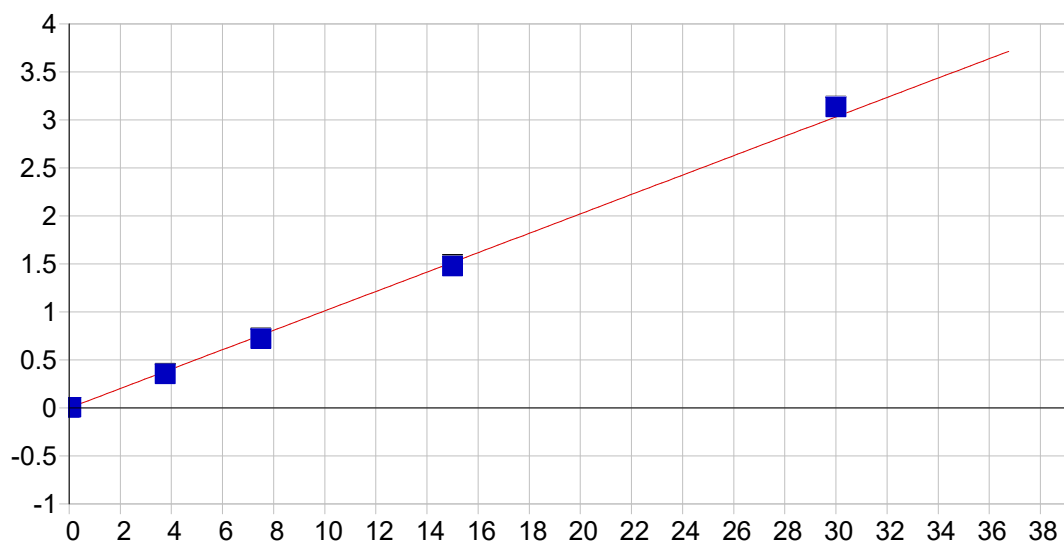


Zn 206.200 {464}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 2.457635 Re-Slope: 1.000000
 A1 (Gain): 1453.735628 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.996917 Status: OK.
 Std Error of Est: 8.141066
 Predicted MDL: 0.000385
 Predicted MQL: 0.001285

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00005	-.000	.000	2.3852	.275	1
S1	.06000	.09516	.035	58.6	140.79	.410	1
S2	3.7500	4.3944	.644	17.2	6390.8	7.83	1
S3	7.5000	8.3231	.823	11.0	12102.	8.27	1
S4	15.000	15.376	.376	2.51	22355.	41.4	1
S5	30.000	28.121	-1.88	-6.26	40883.	52.4	1

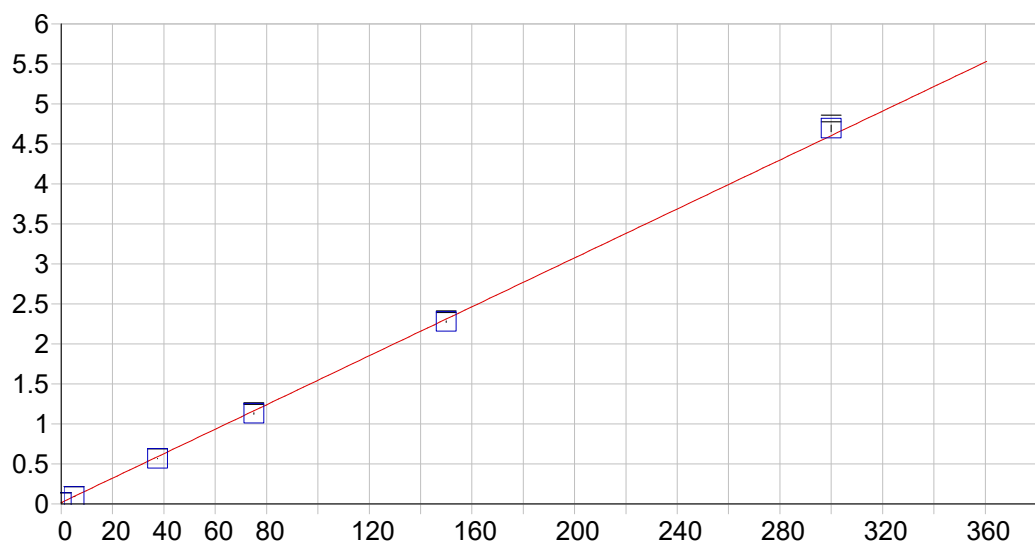


Zn 213.856 {158}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000161	Re-Slope:	1.000000
A1 (Gain):	0.101059	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999294	Status:	OK.
Std Error of Est:	0.000271		
Predicted MDL:	0.005674		
Predicted MQL:	0.018912		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00016	.000	1
S1	.06000	.06671	.007	11.2	.00692	.001	1
S2	3.7500	3.5026	-.247	-6.60	.35475	.006	1
S3	7.5000	7.1331	-.367	-4.89	.72226	.006	1
S4	15.000	14.597	-.403	-2.69	1.4778	.014	1
S5	30.000	31.010	1.01	3.37	3.1390	.003	1

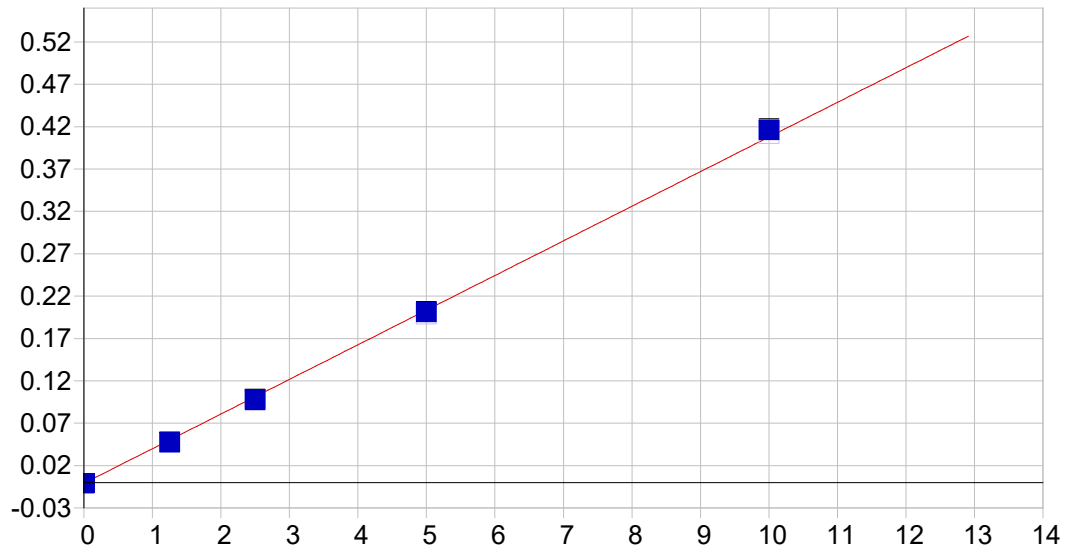


K 769.896 { 44}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.016496 Re-Slope: 1.000000
 A1 (Gain): 0.015294 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999760 Status: OK.
 Std Error of Est: 0.000691
 Predicted MDL: 0.102393
 Predicted MQL: 0.341311

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00039	.000	.000	.01650	.001	1
S1	5.0000	4.9261	-.074	-1.48	.09183	.001	1
S2	37.500	35.984	-1.52	-4.04	.56682	.003	1
S3	75.000	72.812	-2.19	-2.92	1.1301	.009	1
S4	150.00	147.87	-2.13	-1.42	2.2780	.011	1
S5	300.00	305.91	5.91	1.97	4.6950	.042	1

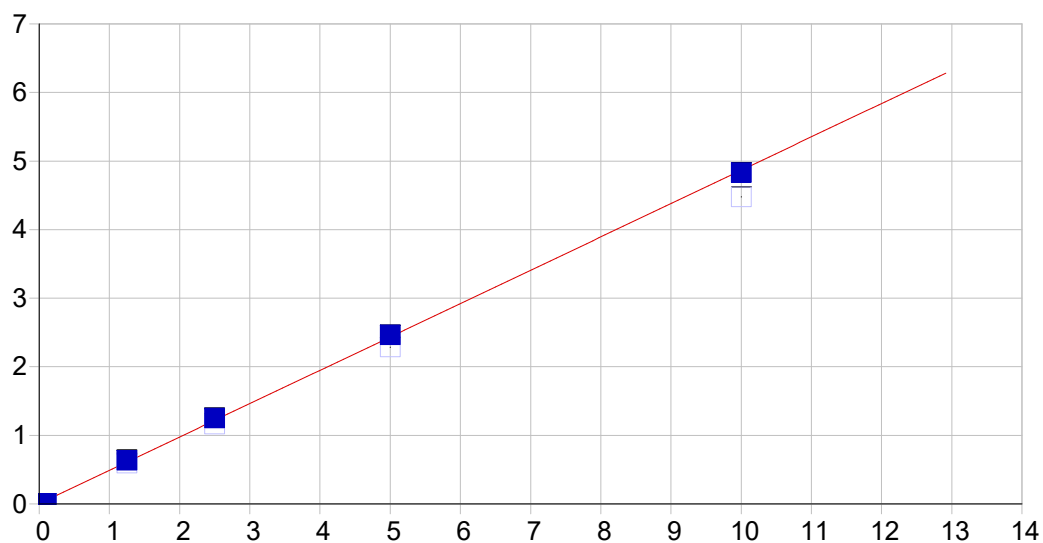


P 177.495 {490}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000954 Re-Slope: 1.000000
 A1 (Gain): 0.040878 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999697 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.002485
 Predicted MQL: 0.008284

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00095	.000	1
S1	.01000	.01126	.001	12.6	-.00049	.000	1
S2	1.2500	1.1860	-.064	-5.12	.04696	.000	1
S3	2.5000	2.4171	-.083	-3.31	.09671	.000	1
S4	5.0000	4.9403	-.060	-1.19	.19870	.001	1
S5	10.000	10.205	.205	2.05	.41164	.001	1

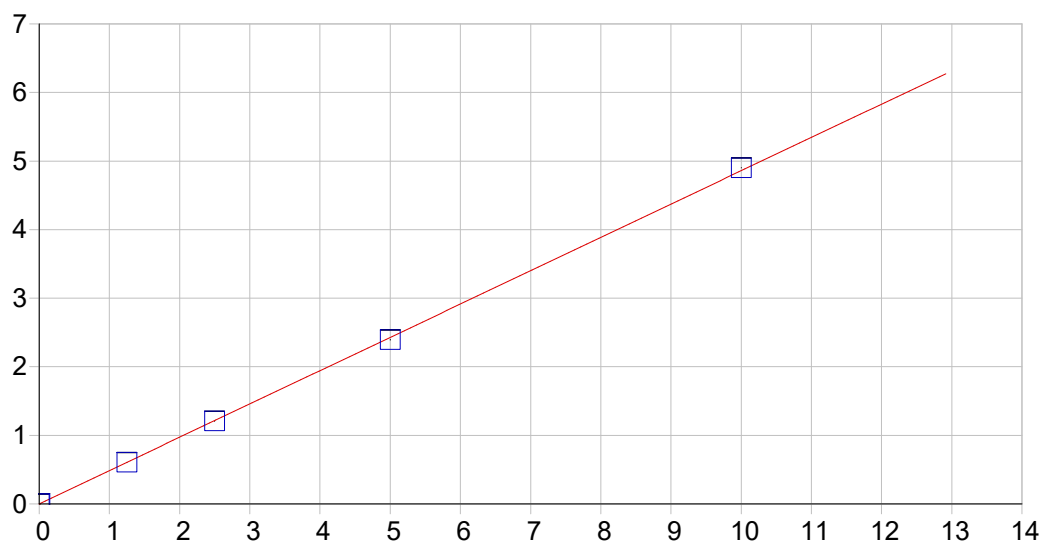


B 249.678 {135}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003221 Re-Slope: 1.000000
 A1 (Gain): 0.486263 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997307 Status: OK.
 Std Error of Est: 0.001763
 Predicted MDL: 0.001015
 Predicted MQL: 0.003382

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	.00326	.000	1
S1	.10000	.00899	-.091	-91.0	.00750	.000	1
S2	1.2500	1.3010	.051	4.08	.59174	.007	1
S3	2.5000	2.5625	.062	2.50	1.1610	.007	1
S4	5.0000	5.0576	.058	1.15	2.2861	.003	1
S5	10.000	9.9269	-.073	-.731	4.4774	.002	1

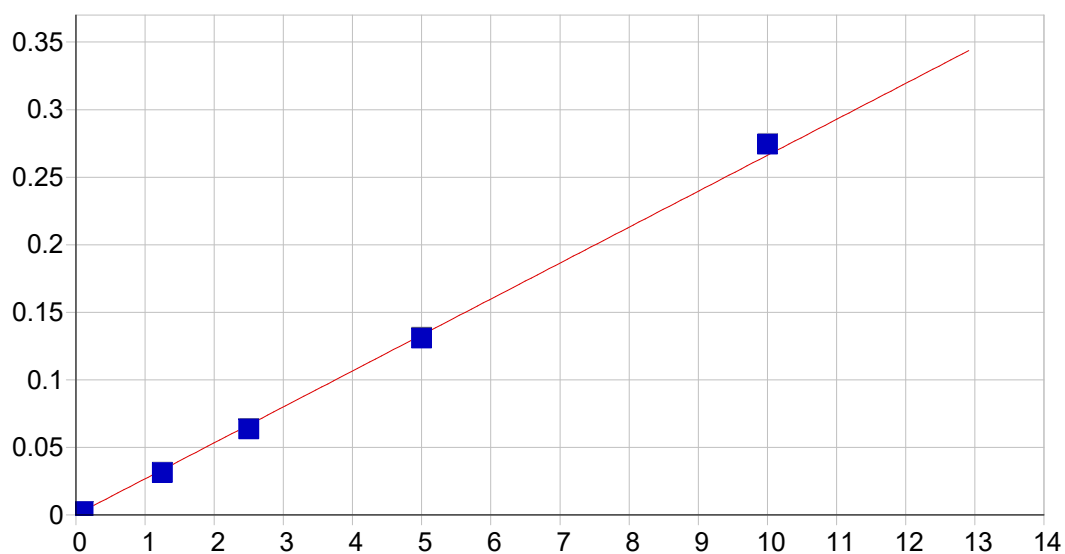


Mo 202.030 {467}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000194	Re-Slope:	1.000000
A1 (Gain):	0.485796	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999948	Status:	OK.
Std Error of Est:	0.000083		
Predicted MDL:	0.000335		
Predicted MQL:	0.001117		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00019	.000	1
S1	.01000	.01061	.001	6.10	.00535	.000	1
S2	1.2500	1.2445	-.006	-.443	.60475	.001	1
S3	2.5000	2.4844	-.016	-.623	1.2071	.002	1
S4	5.0000	4.9300	-.070	-1.40	2.3952	.004	1
S5	10.000	10.091	.091	.905	4.9021	.004	1

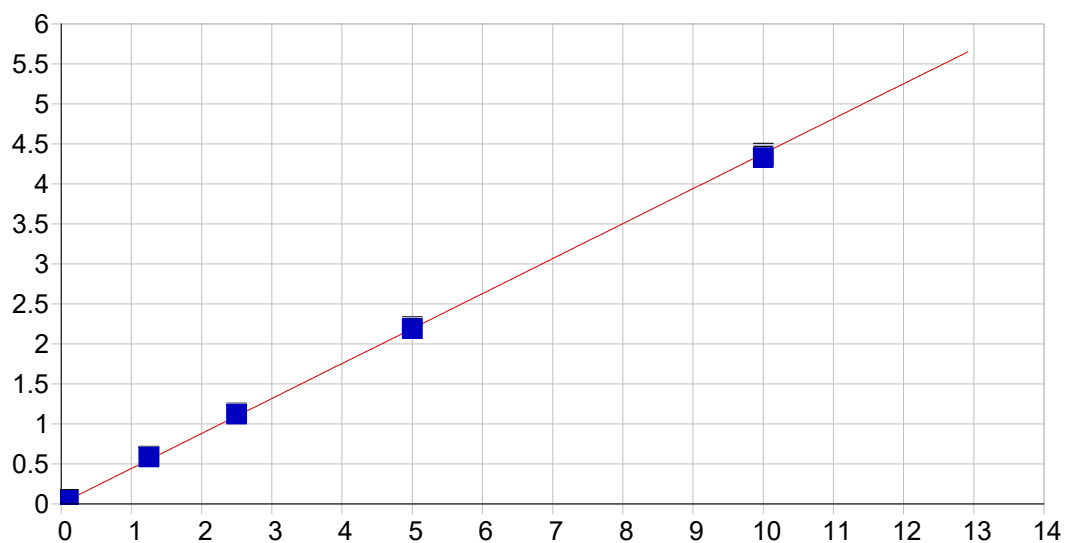


S 182.034 {485}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000151	Re-Slope:	1.000000
A1 (Gain):	0.026605	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999395	Status:	OK.
Std Error of Est:	0.000049		
Predicted MDL:	0.004137		
Predicted MQL:	0.013792		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00015	.000	1
S1	.10000	.08674	-.013	-13.3	.00246	.000	1
S2	1.2500	1.1710	-.079	-6.32	.03137	.000	1
S3	2.5000	2.3836	-.116	-4.66	.06371	.000	1
S4	5.0000	4.9077	-.092	-1.85	.13100	.000	1
S5	10.000	10.301	.301	3.01	.27476	.000	1

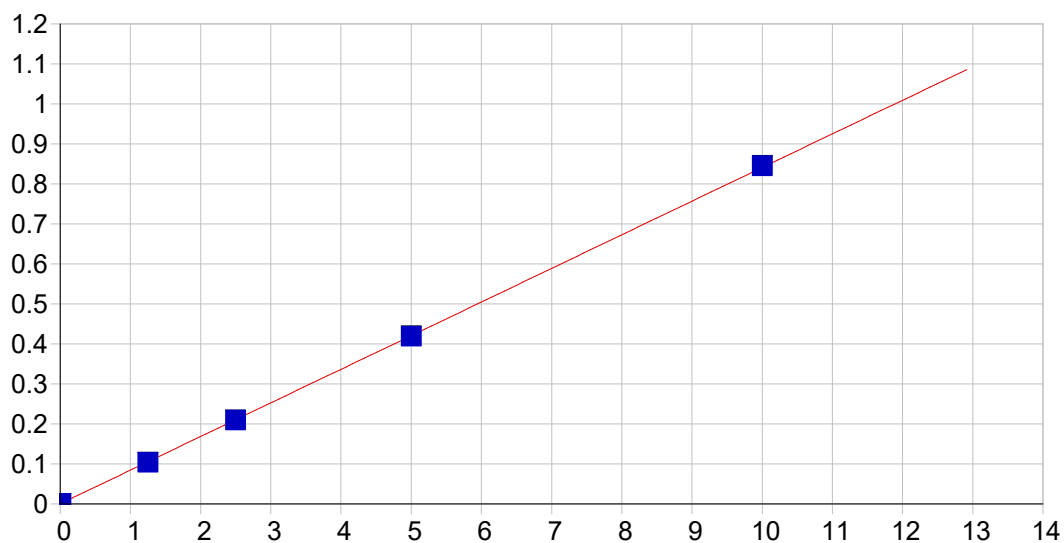


Si 251.611 {134}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005262 Re-Slope: 1.000000
 A1 (Gain): 0.437235 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999835 Status: OK.
 Std Error of Est: 0.000426
 Predicted MDL: 0.001077
 Predicted MQL: 0.003590

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00526	.000	1
S1	.10000	.10135	.001	1.35	.04973	.001	1
S2	1.2500	1.3215	.071	5.72	.58789	.007	1
S3	2.5000	2.5469	.047	1.88	1.1285	.008	1
S4	5.0000	4.9958	-.004	-.085	2.2089	.008	1
S5	10.000	9.8845	-.115	-1.15	4.3658	.018	1

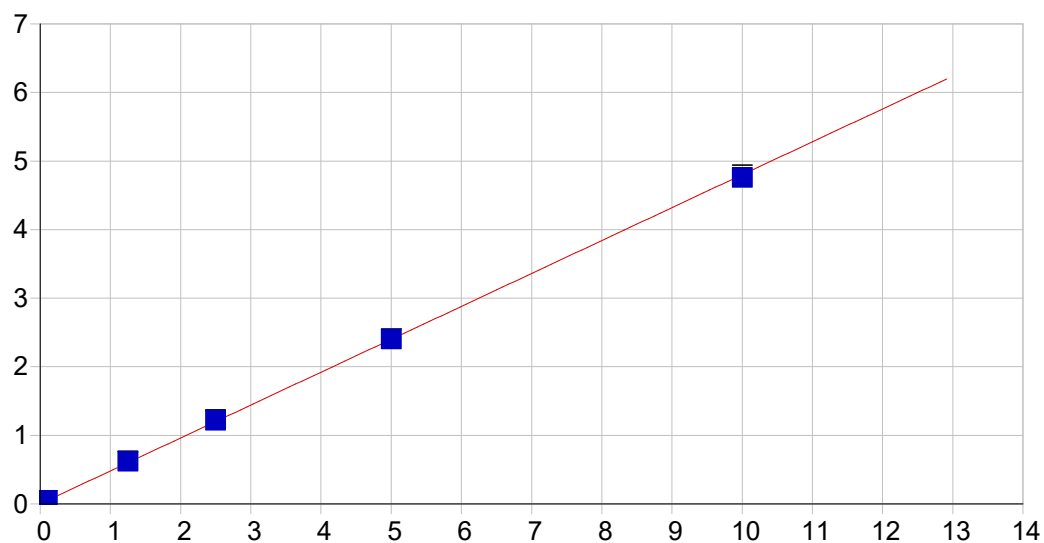


Sn 189.989 {478}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000320 Re-Slope: 1.000000
 A1 (Gain): 0.084062 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.001146
 Predicted MQL: 0.003821

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00032	.000	1
S1	.00700	.00539	-.002	-22.9	.00076	.000	1
S2	1.2500	1.2305	-.019	-1.56	.10354	.000	1
S3	2.5000	2.4857	-.014	-.571	.20884	.000	1
S4	5.0000	4.9812	-.019	-.376	.41818	.001	1
S5	10.000	10.054	.054	.541	.84375	.001	1

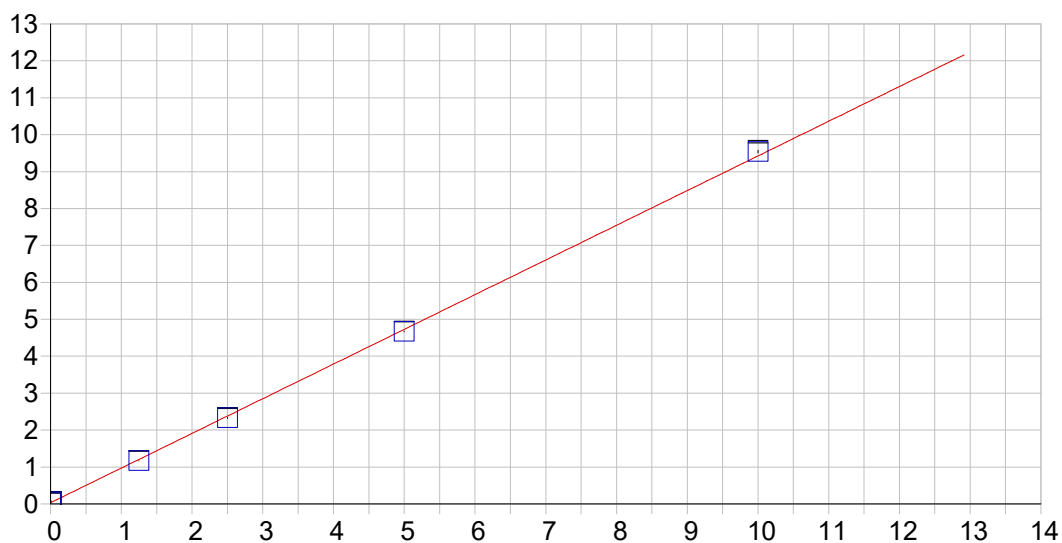


Ti 336.121 {100}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001212	Re-Slope:	1.000000
A1 (Gain):	0.479889	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999933	Status:	OK.
Std Error of Est:	0.000295		
Predicted MDL:	0.001298		
Predicted MQL:	0.004327		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00121	.000	1
S1	.10000	.10353	.004	3.53	.05088	.000	1
S2	1.2500	1.2878	.038	3.02	.61900	.004	1
S3	2.5000	2.5355	.035	1.42	1.2175	.008	1
S4	5.0000	5.0092	.009	.185	2.4043	.009	1
S5	10.000	9.9140	-.086	-.860	4.7572	.039	1

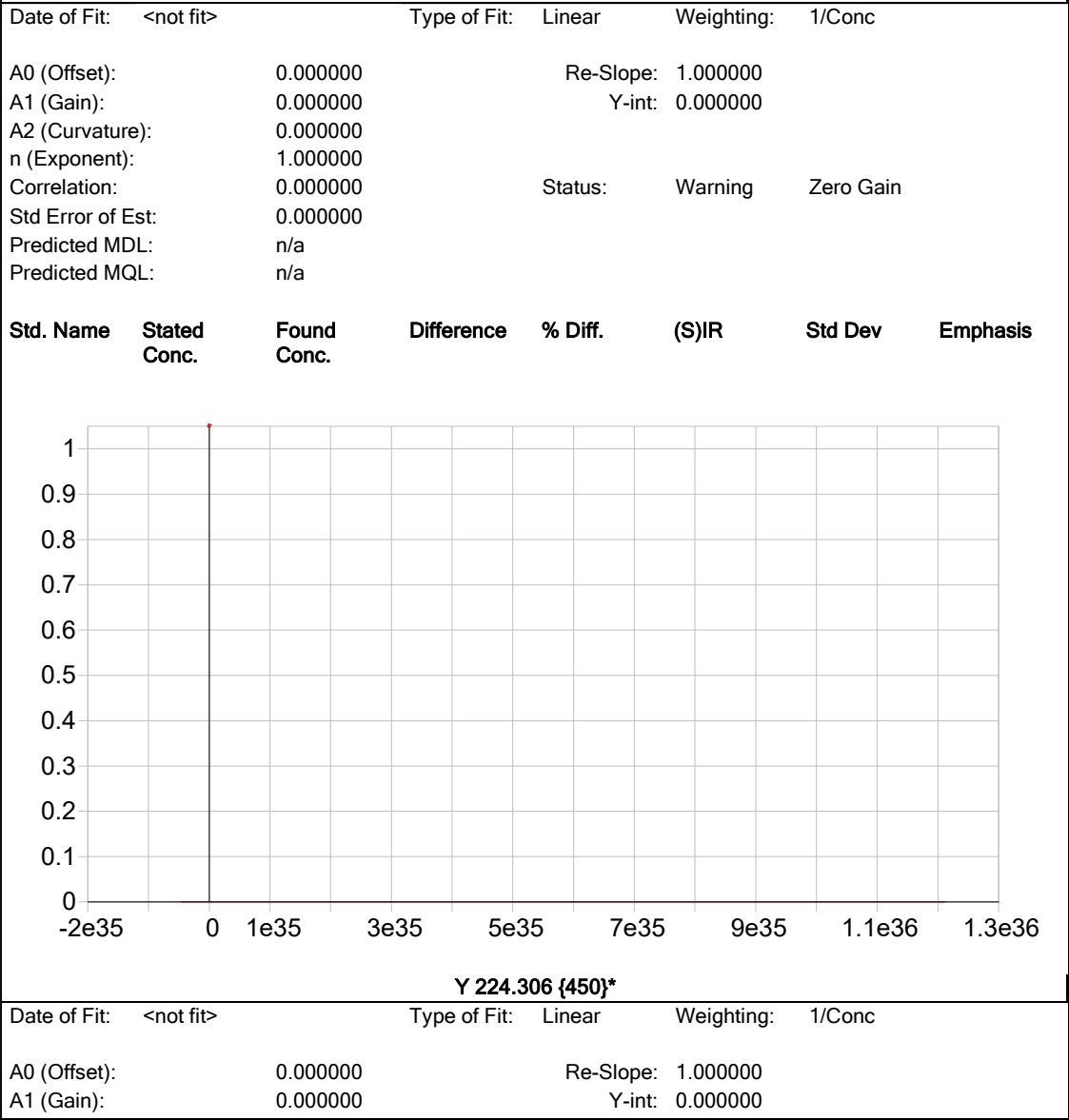
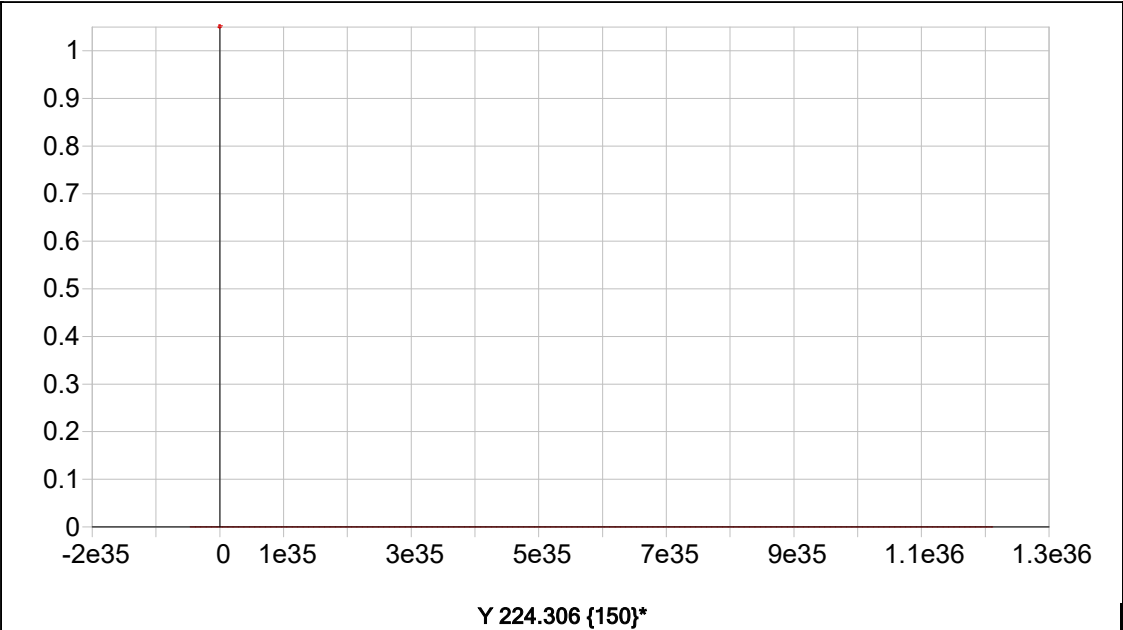


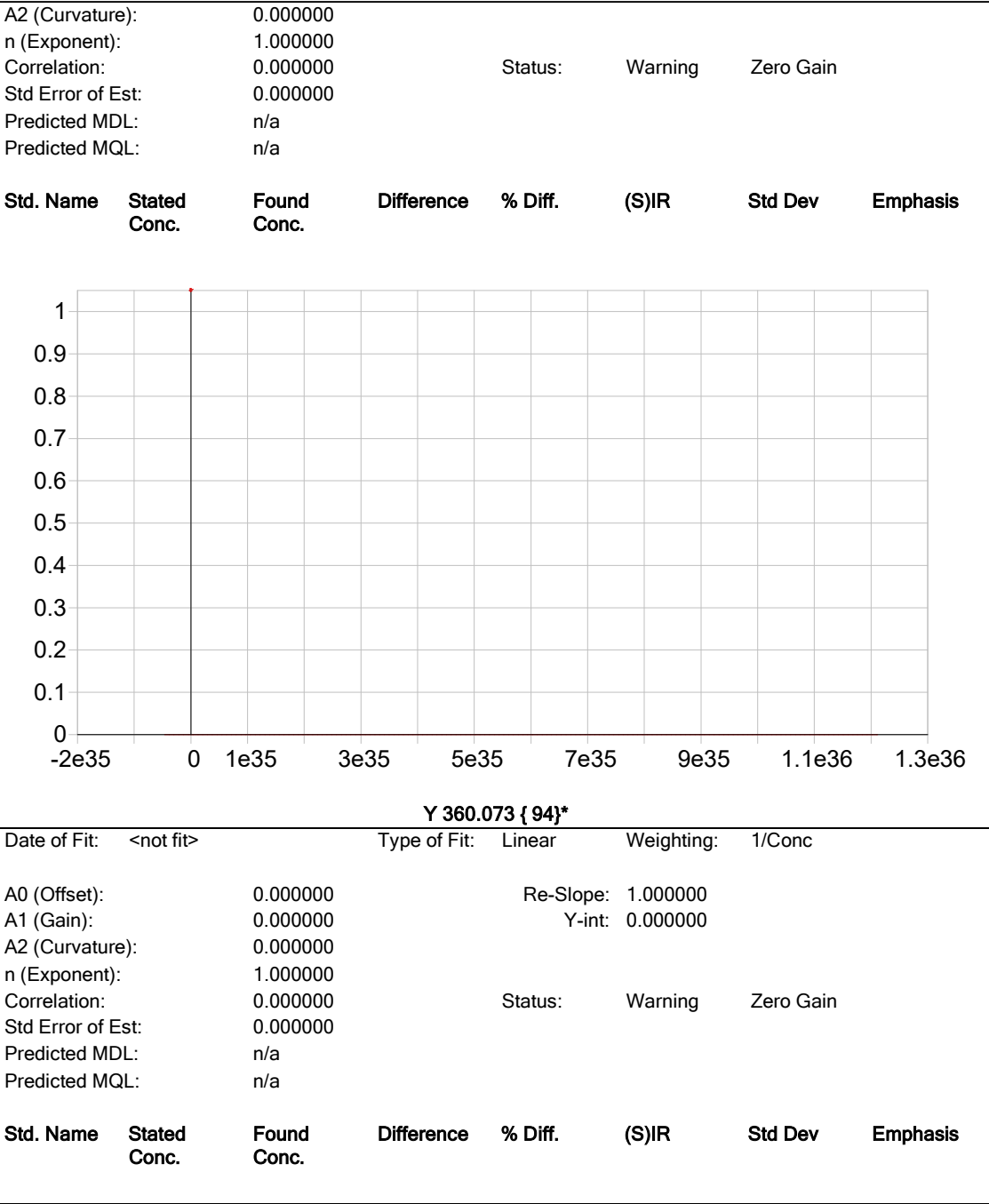
Li 670.784 { 50}

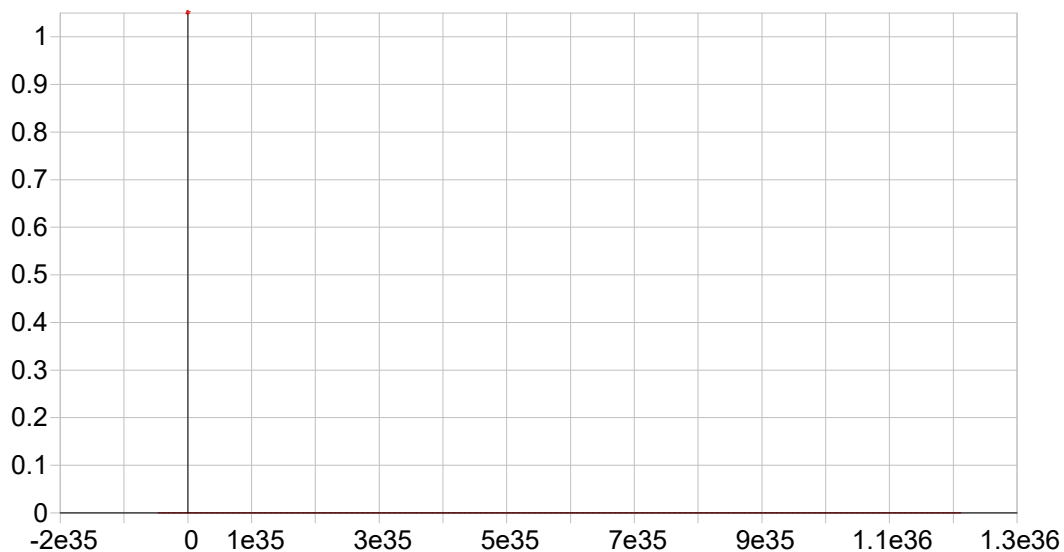
Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.030902 Re-Slope: 1.000000
 A1 (Gain): 0.939375 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998196 Status: OK.
 Std Error of Est: 0.001160
 Predicted MDL: 0.001841
 Predicted MQL: 0.006138

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.03087	.001	1
S5	10.000	10.126	.126	1.26	9.5431	.032	1
S4	5.0000	4.9367	-.063	-1.27	4.6683	.010	1
S3	2.5000	2.4457	-.054	-2.17	2.3283	.010	1
S2	1.2500	1.2108	-.039	-3.14	1.1683	.004	1
S1	.01500	.04574	.031	205.	.07387	.001	1



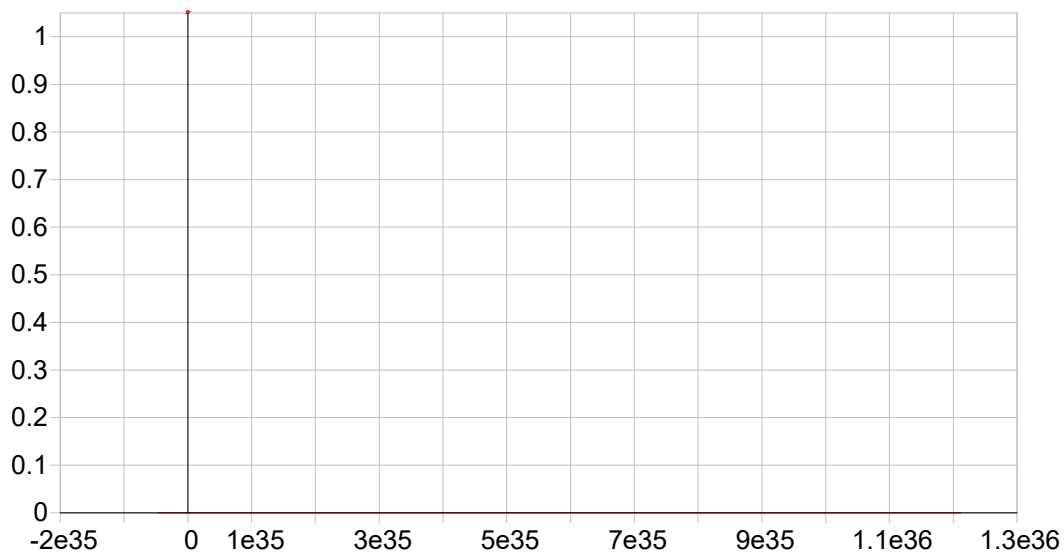




Y 371.030 { 91}*

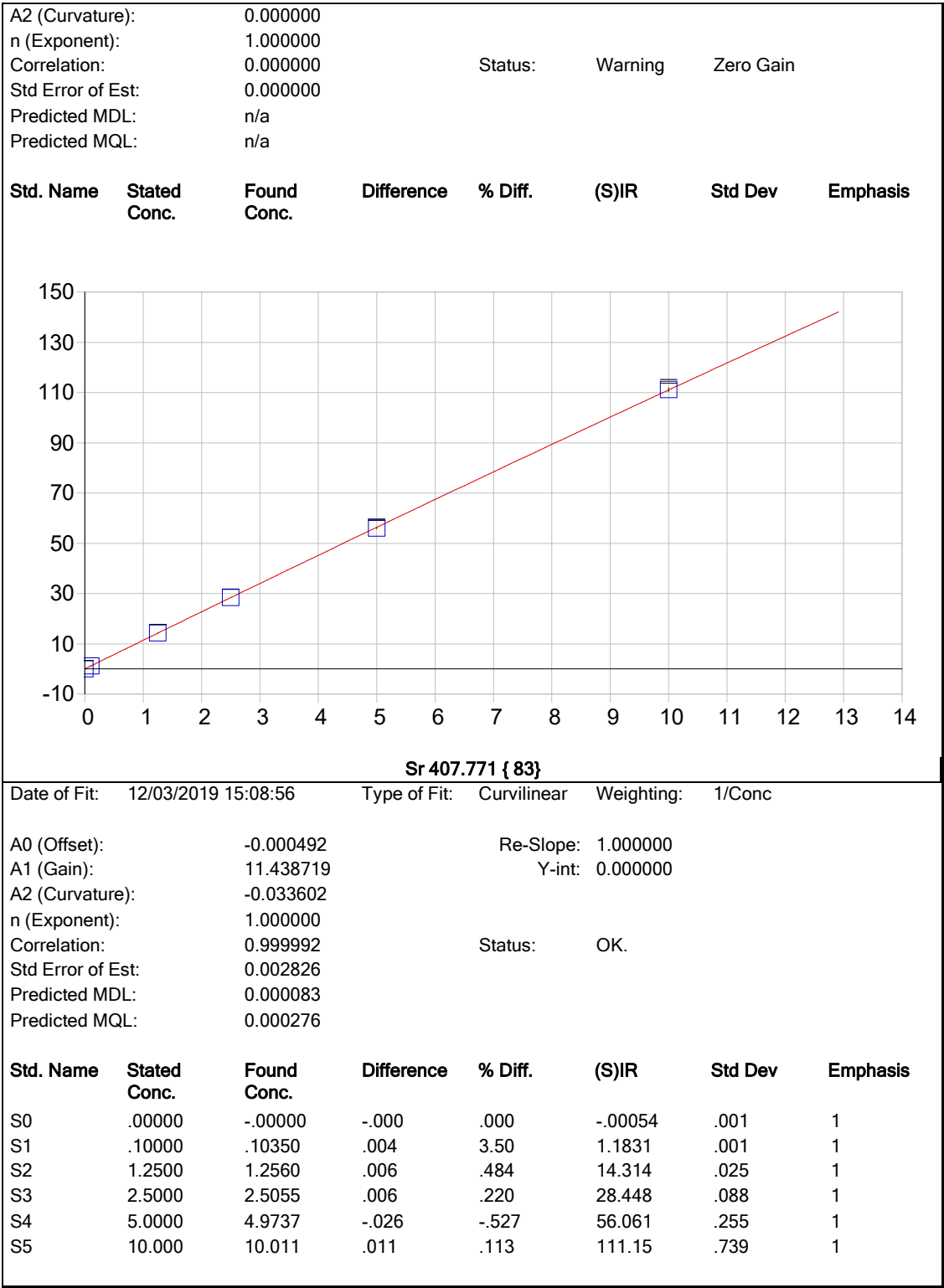
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
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: 11/29/2019 14:20:56 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) 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	-.00017	-.00034	.00086	.00052	.00025	.00576	.02355	-.00069
Stddev	.00009	.00010	.00043	.00012	.00002	.00052	.00067	.00022
%RSD	52.739	28.228	49.798	23.205	6.5068	9.1055	2.8502	32.107

#1	-.00026	-.00033	.00132	.00056	.00023	.00516	.02322	-.00065
#2	-.00009	-.00044	.00048	.00038	.00026	.00613	.02432	-.00049
#3	-.00015	-.00025	.00077	.00061	.00026	.00599	.02311	-.00093

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	.00008	.00124	.00006	.00039	.00217	.00002	.00049	-.00006
Stddev	.00016	.00082	.00005	.00008	.00059	.00003	.00009	.00015
%RSD	211.18	66.113	91.917	21.201	26.934	221.15	19.017	259.22

#1	.00007	.00036	.00002	.00047	.00185	.00002	.00055	.00005
#2	.00024	.00137	.00003	.00039	.00285	-.00002	.00038	-.00023
#3	-.00008	.00198	.00011	.00031	.00182	.00005	.00055	.00001

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	-.00125	-.00078	-.00763	.00047	.00016	.01650	-.00095	.00326
Stddev	.00013	.00012	.00115	.00003	.00034	.00093	.00007	.00014
%RSD	10.764	15.191	15.087	6.7948	210.64	5.6510	7.3900	4.1677

#1	-.00115	-.00082	-.00856	.00049	.00032	.01586	-.00096	.00341
#2	-.00120	-.00064	-.00634	.00049	.00039	.01757	-.00088	.00322
#3	-.00141	-.00087	-.00798	.00044	-.00023	.01607	-.00102	.00315

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	.00019	.00015	.00526	.00032	.00121	.03087	-.00054	
Stddev	.00008	.00005	.00023	.00009	.00045	.00145	.00074	
%RSD	42.678	31.126	4.3896	26.682	37.315	4.6970	138.32	

#1	.00011	.00021	.00507	.00042	.00069	.02952	-.00087	
#2	.00027	.00012	.00519	.00029	.00141	.03069	.00031	
#3	.00020	.00013	.00552	.00025	.00153	.03241	-.00105	

Sample Name: S0 Acquired: 11/29/2019 14:20:56 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) 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	1765.1	3541.6	40074.	6801.6	4121.8
Stddev	13.7	3.8	205.	27.3	1.3
%RSD	.77351	.10659	.51242	.40148	.03266
#1	1761.9	3545.1	39950.	6788.7	4121.2
#2	1780.0	3542.0	40311.	6783.1	4120.9
#3	1753.3	3537.6	39961.	6833.0	4123.4

Sample Name: S1 Acquired: 11/29/2019 14:25:02 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00026	.00135	.00292	.00229	.00802	.02073	.67834	.02336
Stddev	.00014	.00002	.00017	.00013	.00017	.00039	.00136	.00016
%RSD	54.751	1.7552	5.9560	5.6840	2.0589	1.8699	.20058	.68014

#1	.00043	.00138	.00278	.00214	.00812	.02100	.67895	.02322
#2	.00020	.00134	.00287	.00238	.00783	.02028	.67678	.02353
#3	.00016	.00134	.00311	.00234	.00812	.02090	.67928	.02334

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	.01538	.37264	.00191	.04528	.00760	.00295	.01083	.04881
Stddev	.00016	.00208	.00005	.00012	.00029	.00017	.00017	.00014
%RSD	1.0303	.55726	2.8310	.26270	3.8266	5.6531	1.5532	.27872

#1	.01555	.37478	.00185	.04524	.00760	.00310	.01069	.04895
#2	.01524	.37063	.00196	.04542	.00730	.00299	.01102	.04879
#3	.01535	.37250	.00192	.04520	.00789	.00277	.01078	.04868

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	.01939	.00353	.01688	.00525	.00692	.09183	-.00049	.00750
Stddev	.00000	.00008	.00077	.00020	.00085	.00109	.00007	.00048
%RSD	.01716	2.1604	4.5688	3.8779	12.262	1.1861	14.947	6.4550

#1	.01939	.00360	.01599	.00522	.00597	.09248	-.00041	.00776
#2	.01940	.00345	.01740	.00506	.00760	.09058	-.00053	.00779
#3	.01939	.00355	.01724	.00547	.00718	.09244	-.00054	.00694

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	.00535	.00246	.04973	.00076	.05088	.07387	1.1831	
Stddev	.00007	.00005	.00093	.00006	.00016	.00091	.0015	
%RSD	1.2713	2.0521	1.8743	8.5142	.31539	1.2274	.12645	

#1	.00542	.00240	.05017	.00077	.05103	.07482	1.1827	
#2	.00533	.00249	.05036	.00082	.05071	.07301	1.1848	
#3	.00529	.00248	.04866	.00069	.05091	.07378	1.1819	

Sample Name: S1 Acquired: 11/29/2019 14:25:02 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) 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	1788.0	3573.6	40477.	6916.2	4138.3
Stddev	.4	9.6	114.	40.8	4.2
%RSD	.02244	.26978	.28064	.58993	.10197
#1	1788.0	3583.8	40580.	6903.0	4143.1
#2	1788.4	3572.2	40496.	6883.6	4136.3
#3	1787.6	3564.7	40356.	6962.0	4135.4

Sample Name: S2 Acquired: 11/29/2019 14:29:08 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) 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	.04292	.07757	1.2816	.06089	.15141	2.6490	7.8979	.56742
Stddev	.00032	.00009	.0009	.00014	.00020	.0114	.0173	.00607
%RSD	.74943	.11782	.07368	.23626	.12920	.42916	.21836	1.0696

#1	.04279	.07746	1.2807	.06081	.15135	2.6470	7.9178	.57278
#2	.04329	.07761	1.2826	.06080	.15162	2.6612	7.8873	.56083
#3	.04269	.07763	1.2815	.06105	.15125	2.6387	7.8885	.56864

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	1.8633	4.3460	.65478	.54678	.76152	.95469	2.3838	.57730
Stddev	.0027	.0021	.00066	.00071	.00179	.00256	.0045	.00141
%RSD	.14701	.04716	.10024	.12939	.23527	.26766	.18845	.24479

#1	1.8607	4.3464	.65403	.54624	.76216	.95291	2.3888	.57867
#2	1.8631	4.3479	.65513	.54653	.75950	.95762	2.3801	.57585
#3	1.8662	4.3438	.65520	.54758	.76291	.95354	2.3825	.57739

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	.30253	.12278	.17943	.05695	.35475	.56682	.04696	.59174
Stddev	.00013	.00086	.00083	.00019	.00555	.00263	.00030	.00747
%RSD	.04186	.70134	.46061	.33004	1.5656	.46412	.64522	1.2625

#1	.30243	.12347	.17947	.05673	.35213	.56778	.04661	.59840
#2	.30267	.12305	.18023	.05708	.36113	.56884	.04718	.58366
#3	.30248	.12182	.17858	.05702	.35098	.56385	.04708	.59316

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	.60475	.03137	.58789	.10354	.61900	1.1683	14.314
Stddev	.00129	.00019	.00719	.00030	.00429	.0039	.025
%RSD	.21288	.61654	1.2231	.29023	.69249	.32937	.17733

#1	.60367	.03119	.59401	.10323	.62092	1.1692	14.314
#2	.60441	.03136	.57997	.10358	.61409	1.1641	14.289
#3	.60618	.03158	.58969	.10382	.62199	1.1716	14.339

Sample Name: S2 Acquired: 11/29/2019 14:29:08 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) 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	1711.9	3465.1	39505.	6928.2	3854.1
Stddev	9.4	3.5	284.	31.8	3.6
%RSD	.54687	.10182	.71958	.45946	.09355
#1	1716.6	3466.0	39643.	6902.8	3854.5
#2	1701.2	3461.3	39179.	6963.9	3850.4
#3	1718.1	3468.2	39695.	6917.9	3857.6

Sample Name: S3 Acquired: 11/29/2019 14:32:58 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) 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	.08680	.15320	2.5629	.12013	.30361	5.3613	15.833	1.1094
Stddev	.00010	.00081	.0066	.00038	.00091	.0257	.042	.0079
%RSD	.11609	.52770	.25828	.31583	.30023	.47920	.26433	.71276

#1	.08669	.15228	2.5597	.11998	.30298	5.3593	15.806	1.1038
#2	.08683	.15354	2.5585	.11984	.30465	5.3879	15.881	1.1060
#3	.08689	.15379	2.5705	.12056	.30319	5.3366	15.811	1.1185

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	3.7186	8.6339	1.2956	1.0989	1.5019	1.8851	4.7043	1.1587
Stddev	.0136	.0139	.0011	.0013	.0013	.0090	.0126	.0048
%RSD	.36568	.16077	.08686	.12141	.08409	.47709	.26708	.41219

#1	3.7214	8.6217	1.2958	1.0988	1.5008	1.8905	4.7158	1.1591
#2	3.7039	8.6490	1.2944	1.0976	1.5032	1.8901	4.7063	1.1632
#3	3.7306	8.6311	1.2966	1.1003	1.5016	1.8747	4.6909	1.1537

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	.60704	.24744	.36574	.11392	.72226	1.1301	.09671	1.1610
Stddev	.00077	.00106	.00206	.00033	.00584	.0088	.00045	.0075
%RSD	.12755	.43002	.56354	.28813	.80845	.77940	.46765	.64524

#1	.60633	.24730	.36336	.11429	.72606	1.1251	.09716	1.1542
#2	.60692	.24857	.36696	.11382	.71554	1.1402	.09626	1.1598
#3	.60786	.24646	.36691	.11365	.72518	1.1249	.09670	1.1691

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	1.2071	.06371	1.1285	.20884	1.2175	2.3283	28.448
Stddev	.0016	.00036	.0077	.00019	.0079	.0101	.088
%RSD	.13464	.56402	.68457	.09144	.65246	.43596	.30781

#1	1.2052	.06378	1.1224	.20865	1.2124	2.3166	28.378
#2	1.2082	.06331	1.1259	.20883	1.2135	2.3344	28.421
#3	1.2079	.06402	1.1372	.20903	1.2267	2.3339	28.546

Sample Name: S3 Acquired: 11/29/2019 14:32:58 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) 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	1652.1	3356.0	38549.	6902.4	3678.5
Stddev	8.9	6.0	62.	33.9	7.4
%RSD	.54070	.17906	.16091	.49093	.20218
#1	1644.5	3362.3	38516.	6932.5	3682.4
#2	1649.8	3355.2	38512.	6909.0	3683.2
#3	1661.9	3350.4	38621.	6865.7	3669.9

Sample Name: S4 Acquired: 11/29/2019 14:36:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) 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	.17492	.30053	5.1433	.23583	.60997	10.860	31.464	2.1824
Stddev	.00021	.00132	.0240	.00032	.00149	.041	.008	.0057
%RSD	.11898	.43860	.46729	.13685	.24384	.37903	.02615	.25953

#1	.17488	.30051	5.1303	.23594	.60980	10.813	31.461	2.1827
#2	.17515	.29922	5.1285	.23547	.61153	10.875	31.473	2.1766
#3	.17474	.30185	5.1710	.23608	.60857	10.891	31.458	2.1879

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.3642	17.143	2.5350	2.1902	2.9636	3.6919	9.1963	2.3201
Stddev	.0332	.046	.0011	.0050	.0063	.0170	.0474	.0086
%RSD	.45074	.26616	.04400	.22750	.21161	.45999	.51517	.37018

#1	7.3493	17.090	2.5339	2.1855	2.9688	3.6747	9.1494	2.3115
#2	7.3412	17.168	2.5361	2.1896	2.9566	3.6925	9.1952	2.3202
#3	7.4023	17.170	2.5349	2.1954	2.9653	3.7086	9.2442	2.3286

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	1.1999	.49798	.74048	.22354	1.4778	2.2780	.19870	2.2861
Stddev	.0031	.00119	.00206	.00163	.0140	.0109	.00086	.0027
%RSD	.25865	.23889	.27835	.72763	.94601	.47938	.43263	.11806

#1	1.1984	.49779	.74280	.22223	1.4675	2.2679	.19895	2.2860
#2	1.1977	.49690	.73979	.22302	1.4723	2.2766	.19775	2.2834
#3	1.2034	.49926	.73886	.22536	1.4937	2.2896	.19941	2.2888

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	2.3952	.13100	2.2089	.41818	2.4043	4.6683	56.061
Stddev	.0038	.00036	.0076	.00095	.0093	.0098	.255
%RSD	.15745	.27629	.34494	.22785	.38655	.20993	.45486

#1	2.3947	.13067	2.2089	.41756	2.4144	4.6795	56.267
#2	2.3991	.13094	2.2013	.41770	2.3962	4.6616	55.775
#3	2.3916	.13139	2.2166	.41928	2.4022	4.6638	56.139

Sample Name: S4 Acquired: 11/29/2019 14:36:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) 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	1558.7	3202.6	37533.	6780.2	3454.6
Stddev	10.8	6.8	93.	17.5	5.6
%RSD	.69270	.21201	.24800	.25857	.16165
#1	1550.0	3196.7	37491.	6765.3	3453.3
#2	1570.8	3201.0	37640.	6775.8	3460.7
#3	1555.5	3210.0	37468.	6799.5	3449.7

Sample Name: S5 Acquired: 11/29/2019 14:40:44 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) 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	.36653	.59021	10.395	.48028	1.2773	22.150	62.402	4.3460
Stddev	.00048	.00065	.009	.00069	.0024	.150	1.280	.0178
%RSD	.13100	.10931	.09138	.14434	.18505	.67810	2.0513	.40963

#1	.36621	.58962	10.391	.47989	1.2753	22.290	62.807	4.3550
#2	.36629	.59090	10.406	.48108	1.2767	21.991	60.968	4.3574
#3	.36708	.59013	10.388	.47987	1.2799	22.167	63.430	4.3254

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	14.666	34.105	4.9448	4.4039	5.9089	7.2497	18.132	4.6784
Stddev	.019	.054	.0082	.0052	.0068	.0589	.105	.0321
%RSD	.12984	.15697	.16569	.11725	.11523	.81295	.57989	.68718

#1	14.649	34.128	4.9405	4.3980	5.9026	7.2812	18.166	4.7039
#2	14.686	34.044	4.9542	4.4058	5.9080	7.1817	18.014	4.6423
#3	14.662	34.143	4.9396	4.4078	5.9161	7.2861	18.215	4.6890

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	2.3994	1.0249	1.5062	.44217	3.1390	4.6950	.41164	4.4774
Stddev	.0031	.0062	.0088	.00356	.0034	.0421	.00137	.0024
%RSD	.13078	.60388	.58668	.80539	.10911	.89598	.33225	.05370

#1	2.3958	1.0317	1.5161	.44349	3.1418	4.7331	.41031	4.4776
#2	2.4008	1.0230	1.4991	.43813	3.1400	4.6498	.41155	4.4797
#3	2.4016	1.0198	1.5034	.44487	3.1352	4.7020	.41304	4.4749

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	4.9021	.27476	4.3658	.84375	4.7572	9.5431	111.15
Stddev	.0039	.00032	.0177	.00122	.0386	.0321	.74
%RSD	.08015	.11525	.40546	.14417	.81108	.33635	.66446

#1	4.8995	.27462	4.3817	.84247	4.7162	9.5110	110.30
#2	4.9002	.27454	4.3689	.84489	4.7928	9.5752	111.54
#3	4.9067	.27512	4.3468	.84388	4.7625	9.5432	111.61

Sample Name: S5 Acquired: 11/29/2019 14:40:44 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) 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	1421.0	2961.6	36370.	6679.4	3201.4
Stddev	10.1	2.3	198.	16.2	2.7
%RSD	.70893	.07893	.54381	.24242	.08536
#1	1409.4	2959.1	36142.	6677.2	3202.5
#2	1428.0	2962.1	36497.	6696.5	3198.3
#3	1425.4	2963.8	36471.	6664.3	3203.5

Sample Name: S6 Acquired: 11/29/2019 14:44:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) 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	55.946	53.973	18.724	7.4212	4.0180
Stddev	.746	.390	.026	.0046	.0157
%RSD	1.3327	.72274	.13727	.06130	.39106

#1	55.089	53.916	18.700	7.4171	4.0079
#2	56.444	54.389	18.751	7.4261	4.0361
#3	56.306	53.615	18.721	7.4205	4.0100

Int. Std.	Y_3710
Units	Cts/S
Avg	6721.9
Stddev	7.9
%RSD	.11688

#1	6714.5
#2	6720.9
#3	6730.2

Sample Name: ICV Acquired: 11/29/2019 14:49:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) 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	.9514734	1.061828	.9620395	1.005772	.9462880	2.382364
Stddev	.0015833	.001513	.0036482	.004933	.0014829	.001938
%RSD	.1664096	.1424918	.3792128	.4904536	.1567114	.0813314

#1	.9532938	1.060838	.9586303	1.002334	.9470578	2.382306
#2	.9504160	1.063570	.9616013	1.003557	.9445784	2.380457
#3	.9507104	1.061076	.9658870	1.011424	.9472277	2.384330

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5018856	.5094102	.4951767	10.37472	.5193277	.4865191
Stddev	.0005138	.0032843	.0011004	.01567	.0005871	.0002148
%RSD	.1023698	.6447220	.2222279	.1509949	.1130472	.0441601

#1	.5020308	.5067529	.4940324	10.36458	.5198486	.4864472
#2	.5013149	.5130820	.4952704	10.36681	.5186916	.4863494
#3	.5023112	.5083958	.4962273	10.39276	.5194430	.4867607

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4729863	5.486141	.5069499	5.958010	.4996360	.5005336
Stddev	.0049283	.049772	.0022268	.076639	.0010816	.0015869
%RSD	1.041961	.9072395	.4392611	1.286316	.2164787	.3170476

#1	.4693227	5.539422	.5064264	6.042004	.4985917	.5002202
#2	.4785893	5.440841	.5050314	5.891882	.4995650	.4991269
#3	.4710469	5.478159	.5093918	5.940144	.5007514	.5022539

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.656011	.5048198	1.126369	9.660508	F .0058378	F 1.979557
Stddev	.197558	.0058635	.004496	.086630	.0015343	.013207
%RSD	2.045959	1.161509	.3991994	.8967388	26.28176	.6671796

#1	9.882388	.5081087	1.121206	9.684696	.0074383	1.970288
#2	9.518447	.4980501	1.129421	9.564355	.0056955	1.994680
#3	9.567198	.5083006	1.128481	9.732472	.0043797	1.973704

Sample Name: ICV Acquired: 11/29/2019 14:49:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) 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 1.899096	F .0040748	F 1.904193	F 1.841405	F 1.956180	F 1.920492
Stddev	.008337	.0035413	.010840	.005325	.011063	.006127
%RSD	.4389945	86.90689	.5692814	.2891612	.5655536	.3190442
#1	1.892711	.0012388	1.896233	1.839044	1.947572	1.915880
#2	1.896049	.0029417	1.916539	1.837668	1.968659	1.927444
#3	1.908528	.0080440	1.899808	1.847501	1.952311	1.918151

Elem	Sr4077
Units	ppm
Avg	F 2.174630
Stddev	.010087
%RSD	.4638481
#1	2.164255
#2	2.184402
#3	2.175231

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1761.409	3611.826	40138.90	7037.237	4148.333
Stddev	6.261	3.396	144.50	17.390	5.418
%RSD	.3554368	.0940321	.3599875	.2471149	.1306086
#1	1755.190	3608.956	40080.16	7057.141	4142.241
#2	1767.710	3615.576	40303.52	7029.581	4150.148
#3	1761.327	3610.947	40033.03	7024.987	4152.611

Sample Name: ICB Acquired: 11/29/2019 15:19:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) 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	-.000643	.0004848	-.001554	-.000460	-.000483	-.005913	-.002919
Stddev	.001993	.0016478	.001115	.003860	.000941	.010881	.000491
%RSD	310.1377	339.8962	71.75455	838.4348	194.7875	184.0137	16.81749

#1	-.002889	.0019969	-.002313	-.004486	-.000837	.006411	-.002727
#2	.000048	.0007290	-.000274	.003211	.000584	-.009956	-.002553
#3	.000913	-.001271	-.002075	-.000106	-.001197	-.014195	-.003477

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000021	-.000013	-.000307	-.000287	-.000017	-.000882	.0066689
Stddev	.000066	.000053	.010298	.000350	.000312	.001740	.0035671
%RSD	316.5383	413.8055	3358.099	121.9301	1835.139	197.2366	53.48788

#1	-.000015	-.000071	.000971	-.000507	.000171	-.000718	.0107873
#2	-.000090	.000034	.009292	.000117	-.000377	-.002698	.0046673
#3	.000042	-.000002	-.011184	-.000471	.000155	.000770	.0045521

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000030	-.025233	-.000097	.0000204	-.763257	-.002946	-.002306
Stddev	.000602	.002930	.000307	.0002696	.349142	.000621	.002184
%RSD	2008.810	11.61282	316.7521	1323.214	45.74375	21.08981	94.70197

#1	.000531	-.022062	-.000449	-.000290	-.647633	-.003578	-.003929
#2	.000044	-.027841	.000044	.000158	-1.15554	-.002336	-.003165
#3	-.000665	-.025796	.000114	.000193	-.48659	-.002924	.000177

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0209714	.0012478	-.001544	.0000653	-.003494	-.000457	-.000550
Stddev	.1314532	.0011486	.000724	.0002526	.003296	.000895	.000782
%RSD	626.8222	92.05437	46.84922	387.1049	94.32336	196.0040	142.2974

#1	-.060318	.0025676	-.001385	.0001823	-.007063	-.000719	-.001234
#2	-.049398	.0004744	-.000914	-.000225	-.000566	-.001191	-.000718
#3	.172629	.0007014	-.002335	.000238	-.002853	.000540	.000303

Sample Name: ICB Acquired: 11/29/2019 15:19:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) 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	-.000742	-.008492	.0000072
Stddev	.001271	.000950	.0000319
%RSD	171.3551	11.18802	441.5946

#1	-.000634	-.008358	.0000027
#2	-.002064	-.007616	-.000022
#3	.000472	-.009502	.000041

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1696.018	3574.624	38907.01	6939.394	4141.331
Stddev	7.533	4.902	6.85	63.251	4.562
%RSD	.4441742	.1371439	.0176155	.9114787	.1101695

#1	1698.811	3575.299	38908.39	6938.615	4138.962
#2	1687.487	3579.153	38913.07	6876.537	4146.591
#3	1701.755	3569.419	38899.58	7003.032	4138.441

Sample Name: ICSA Acquired: 11/29/2019 15:23:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) 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	-.003125	.0031509	-.000038	.0050044	.0033350	257.6705
Stddev	.005534	.0014966	.001489	.0013559	.0007341	.2958
%RSD	177.0885	47.49614	3908.503	27.09495	22.01153	.1147957

#1	-.004554	.0020627	-.001745	.0065571	.0029842	257.5171
#2	.002984	.0048576	.000638	.0044021	.0041787	258.0114
#3	-.007804	.0025325	.000993	.0040539	.0028421	257.4828

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029164	.0013991	-.001046	265.8197	.0504813	.0000086
Stddev	.0001176	.0000463	.000031	.4525	.0009696	.0003099
%RSD	4.033227	3.309695	3.007960	.1702157	1.920601	3605.284

#1	.0028956	.0014479	-.001011	265.6383	.0494073	-.000180
#2	.0028105	.0013558	-.001055	266.3347	.0512920	-.000160
#3	.0030430	.0013935	-.001071	265.4861	.0507447	.000366

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029068	105.9863	.0157864	273.1377	.0020483	-.001077
Stddev	.0013785	.1767	.0002322	.5470	.0001221	.000360
%RSD	47.42429	.1667139	1.470709	.2002610	5.960376	33.45911

#1	.0014072	105.8506	.0155879	272.9313	.0020429	-.000964
#2	.0031942	106.1861	.0157296	273.7579	.0019290	-.001481
#3	.0041190	105.9222	.0160417	272.7239	.0021729	-.000787

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.933627	.0024867	-.003947	-.151957	F .0115626	.0986053
Stddev	.155139	.0005554	.002853	.086908	.0054348	.0014582
%RSD	16.61678	22.33637	72.27763	57.19246	47.00365	1.478819

#1	-.794439	.0021943	-.007241	-.225865	.0057509	.0995145
#2	-.905559	.0031272	-.002263	-.056214	.0124177	.0993779
#3	-1.10088	.0021385	-.002337	-.173792	.0165192	.0969233

Sample Name: ICSA Acquired: 11/29/2019 15:23:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) 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	.0002177	-.003799	-.002602	-.004002	-.003616	-.002784
Stddev	.0007857	.002847	.000905	.001360	.000762	.000705
%RSD	361.0189	74.93219	34.79072	33.99319	21.06685	25.32387
#1	.0006742	-.004307	-.002396	-.004174	-.003274	-.002120
#2	.0006684	-.006358	-.003593	-.002563	-.003086	-.002709
#3	-.000690	-.000733	-.001818	-.005268	-.004489	-.003523

Elem	Sr4077
Units	ppm
Avg	F .1007586
Stddev	.0000630
%RSD	.0625432
#1	.1006960
#2	.1008220
#3	.1007579

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1588.196	3359.742	36771.61	6873.457	3604.329
Stddev	14.094	4.792	211.23	11.096	2.500
%RSD	.8874484	.1426382	.5744511	.1614268	.0693535
#1	1585.109	3356.285	36548.83	6868.710	3602.293
#2	1575.902	3357.730	36797.00	6865.524	3607.119
#3	1603.578	3365.213	36969.01	6886.136	3603.576

Sample Name: ICSAB Acquired: 11/29/2019 15:44:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) 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	.0832092	.1004180	.0425402	.0452887	.5276045	223.0892
Stddev	.0037111	.0038935	.0015997	.0026694	.0033129	.5611
%RSD	4.459928	3.877252	3.760463	5.894170	.6279031	.2515278

#1	.0795398	.0982975	.0413558	.0452388	.5311974	223.4363
#2	.0831274	.1049114	.0419048	.0426446	.5246709	223.3895
#3	.0869606	.0980450	.0443600	.0479827	.5269451	222.4419

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4714362	.4774313	.9163545	230.2371	.5052999	.4457292
Stddev	.0003200	.0011944	.0013688	.4193	.0010750	.0013491
%RSD	.0678743	.2501615	.1493777	.1821180	.2127369	.3026723

#1	.4714889	.4777338	.9156109	230.5152	.5042891	.4459114
#2	.4717266	.4761147	.9155183	230.4413	.5064292	.4442982
#3	.4710932	.4784452	.9179341	229.7548	.5051815	.4469779

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4102827	92.37033	.4750866	235.8115	.9013590	.1894862
Stddev	.0023606	.22794	.0027764	.7553	.0008950	.0008343
%RSD	.5753675	.2467701	.5844080	.3203061	.0992904	.4402998

#1	.4118055	92.52707	.4735340	235.8400	.9004859	.1886220
#2	.4075634	92.47508	.4782920	236.5522	.9013169	.1895496
#3	.4114791	92.10885	.4734337	235.0424	.9022743	.1902870

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.715117	.4673238	1.094945	-.172325	F .0112308	.0839357
Stddev	.238258	.0028583	.006201	.076192	.0028154	.0001086
%RSD	33.31739	.6116304	.5663638	44.21418	25.06900	.1293390

#1	-.876755	.4657960	1.093113	-.220784	.0142572	.0839347
#2	-.827098	.4655541	1.101857	-.211689	.0107460	.0840447
#3	-.441498	.4706213	1.089867	-.084503	.0086892	.0838276

Sample Name: ICSAB Acquired: 11/29/2019 15:44:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) 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	-.000606	.0008043	-.002984	-.004797	-.001796	-.007777
Stddev	.000459	.0056017	.000964	.000863	.001153	.000611
%RSD	75.68165	696.4411	32.30188	17.99463	64.21328	7.857834

#1	-.000729	-.004827	-.001882	-.004282	-.000731	-.008335
#2	-.000099	.000864	-.003669	-.005794	-.001635	-.007874
#3	-.000992	.006376	-.003402	-.004316	-.003021	-.007124

Elem	Sr4077
Units	ppm
Avg	.0869192
Stddev	.0005104
%RSD	.5871684

#1	.0867958
#2	.0864819
#3	.0874800

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1571.241	3367.712	36619.68	6923.181	3641.744
Stddev	3.701	5.214	143.29	29.926	4.852
%RSD	.2355692	.1548268	.3912901	.4322639	.1332391

#1	1575.510	3361.816	36740.89	6909.755	3636.148
#2	1568.916	3371.718	36461.54	6902.319	3644.785
#3	1569.299	3369.601	36656.60	6957.470	3644.298

Sample Name: CCV081 Acquired: 11/29/2019 15:48:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV081 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.850803	4.872149	24.33789	4.962847	4.822570	425.0782	10.29955
Stddev	.008192	.008797	.07058	.015208	.017523	4.2278	.02169
%RSD	.1688690	.1805588	.2900190	.3064424	.3633544	.9945875	.2105859

#1	4.860219	4.863668	24.37206	4.960605	4.837277	428.9280	10.32431
#2	4.845317	4.871549	24.25672	4.948885	4.803182	420.5536	10.29044
#3	4.846874	4.881231	24.38488	4.979052	4.827253	425.7529	10.28390

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5127999	2.507173	424.1156	15.10426	2.488729	14.42912	427.4740
Stddev	.0042914	.006026	.8172	.03319	.002435	.03189	1.2683
%RSD	.8368593	.2403595	.1926928	.2197690	.0978574	.2210410	.2966890

#1	.5127710	2.508203	425.0559	15.08173	2.490885	14.45797	428.8614
#2	.5085230	2.500699	423.5769	15.14237	2.486087	14.39487	427.1863
#3	.5171056	2.512619	423.7139	15.08866	2.489214	14.43451	426.3744

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.24168	419.8248	2.511408	1.319633	426.1475	2.599385	16.31332
Stddev	.04317	1.5155	.006355	.002541	1.0235	.012607	.03042
%RSD	.2832619	.3609760	.2530412	.1925208	.2401816	.4850141	.1864882

#1	15.29033	421.5743	2.510456	1.322401	427.2695	2.613862	16.34147
#2	15.22675	418.9819	2.505583	1.317407	425.2649	2.593472	16.28104
#3	15.20795	418.9182	2.518185	1.319091	425.9080	2.590821	16.31745

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	162.0090	5.075217	5.341902	4.816217	5.188820	5.015212	4.908937
Stddev	.2954	.015405	.038377	.005009	.028285	.036302	.017734
%RSD	.1823391	.3035315	.7184092	.1039933	.5451156	.7238397	.3612556

#1	162.1594	5.057864	5.341317	4.811206	5.163404	5.015256	4.904189
#2	162.1990	5.080506	5.303822	4.816223	5.183764	4.978888	4.894060
#3	161.6687	5.087280	5.380568	4.821223	5.219292	5.051493	4.928561

Sample Name: CCV081 Acquired: 11/29/2019 15:48:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV081 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.739878	5.007098	4.879489
Stddev	.008844	.006403	.052274
%RSD	.1865812	.1278771	1.071306

#1	4.743502	5.007940	4.822483
#2	4.729798	5.000316	4.890805
#3	4.746334	5.013039	4.925178

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1427.974	3094.754	35220.81	6788.181	3255.517
Stddev	3.195	1.898	76.56	38.923	2.196
%RSD	.2237302	.0613376	.2173610	.5733881	.0674469

#1	1424.790	3094.958	35132.44	6766.344	3255.614
#2	1431.180	3092.762	35262.74	6833.119	3257.662
#3	1427.952	3096.543	35267.23	6765.080	3253.274

Sample Name: CCB081 Acquired: 11/29/2019 15:54:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB081 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002186	.0006805	.0004065	.0021060	-.000259	-.008266	-.003604
Stddev	.003272	.0010419	.0022239	.0015075	.002492	.006374	.000240
%RSD	149.7191	153.0914	547.1081	71.58230	963.8357	77.10968	6.655364

#1	-.005572	.0013414	-.001638	.0019488	.002264	-.008354	-.003347
#2	-.001945	.0012207	.002774	.0006832	-.000320	-.014596	-.003643
#3	.000960	-.000520	.000083	.0036859	-.002719	-.001849	-.003822

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000026	-.000034	.0162468	-.000519	-.000056	-.000423	.0201745
Stddev	.000024	.000090	.0070573	.000234	.000100	.002621	.0086349
%RSD	92.90030	264.3564	43.43822	45.02522	176.9113	620.0735	42.80125

#1	-.000002	-.000138	.0226521	-.000498	-.000099	.002021	.0260733
#2	-.000050	.000015	.0174070	-.000763	.000058	-.003192	.0102634
#3	-.000026	.000021	.0086812	-.000297	-.000127	-.000098	.0241866

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002362	-.030988	-.000141	.0001894	-.668712	-.001676	-.002714
Stddev	.0003753	.038548	.000061	.0000962	.067518	.001100	.002552
%RSD	158.8751	124.3939	43.43285	50.76400	10.09668	65.64746	94.03660

#1	.0006656	-.058991	-.000143	.0000905	-.625773	-.002945	-.005417
#2	-.000029	.012976	-.000079	.0001951	-.633827	-.000995	-.002379
#3	.000072	-.046950	-.000202	.0002826	-.746536	-.001087	-.000346

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.018912	.0032551	.0019714	.0000877	.0003341	.0005494	-.002090
Stddev	.020555	.0020216	.0005885	.0002101	.0006091	.0003540	.000146
%RSD	108.6887	62.10546	29.85090	239.7072	182.3001	64.43918	6.996648

#1	-.025914	.0010757	.0025801	.0003264	-.000213	.0006442	-.001934
#2	-.035052	.0050691	.0019284	-.000069	.000224	.0008463	-.002112
#3	.004229	.0036207	.0014055	.000006	.000991	.0001576	-.002224

Sample Name: CCB081 Acquired: 11/29/2019 15:54:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB081 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000001	-.006453	.0000729
Stddev	.000886	.002055	.0000835
%RSD	70704.70	31.84346	114.4485

#1	.000399	-.008130	.0000368
#2	.000614	-.004161	.0000137
#3	-.001017	-.007067	.0001684

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1695.458	3587.564	38906.03	7025.539	4158.499
Stddev	12.511	3.204	69.17	43.065	5.811
%RSD	.7379368	.0892978	.1777864	.6129829	.1397261

#1	1688.060	3584.522	38872.25	6999.849	4154.257
#2	1688.410	3590.908	38860.24	7001.511	4165.122
#3	1709.903	3587.262	38985.60	7075.257	4156.119

Sample Name: PB125056BL Acquired: 11/29/2019 16:01:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS056 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004155	.0009916	-.001392	-.000449	-.000397	-.009534	-.003179
Stddev	.0036136	.0022349	.002086	.001829	.001990	.003813	.000108
%RSD	869.6524	225.3864	149.8747	407.7041	501.6649	39.99951	3.396685

#1	.0039885	-.000151	.000910	.001595	.001480	-.013795	-.003225
#2	.0004953	.003567	-.003157	-.001934	-.002483	-.008364	-.003257
#3	-.003237	-.000441	-.001927	-.001006	-.000188	-.006442	-.003056

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000088	-.000072	-.002500	-.000381	.0000414	-.001103	.0047522
Stddev	.000112	.000033	.007491	.000362	.0000447	.002555	.0091899
%RSD	127.3025	46.12781	299.6256	94.84145	107.9063	231.5200	193.3808

#1	-.000033	-.000036	-.004760	-.000728	-.000010	.001313	.0153606
#2	-.000217	-.000079	-.008601	-.000409	.000071	-.003777	-.000775
#3	-.000014	-.000101	.005861	-.000006	.000064	-.000847	-.000329

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000208	-.016223	-.000342	-.000021	-.400070	-.000952	.0010882
Stddev	.000261	.017258	.000183	.000375	.052441	.001082	.0052671
%RSD	125.9194	106.3781	53.55018	1757.976	13.10785	113.6700	484.0235

#1	-.000442	-.023755	-.000532	-.000258	-.353170	-.001973	-.001708
#2	.000074	-.028436	-.000328	-.000217	-.390349	.000182	.007164
#3	-.000255	.003520	-.000166	.000411	-.456691	-.001064	-.002191

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.040714	.0023824	-.002946	-.000010	-.003865	.0006797	-.001597
Stddev	.046157	.0004211	.000236	.000151	.001108	.0011120	.000155
%RSD	113.3698	17.67612	8.007910	1580.884	28.65780	163.6076	9.677153

#1	.012512	.0028205	-.002748	-.000103	-.002731	.0005466	-.001651
#2	-.064931	.0023461	-.003207	-.000090	-.003920	.0018523	-.001718
#3	-.069723	.0019806	-.002884	.000165	-.004944	-.000360	-.001423

Sample Name: PB125056BL Acquired: 11/29/2019 16:01:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS056 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001245	-.009068	.0000377
Stddev	.001196	.002248	.0000753
%RSD	96.02314	24.79480	199.8100

#1	-.001510	-.006613	.0001026
#2	.000061	-.011027	-.000045
#3	-.002287	-.009565	.000055

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1665.984	3571.723	38509.96	6970.438	4143.540
Stddev	7.952	7.468	267.37	1.843	8.189
%RSD	.4773097	.2090992	.6942933	.0264456	.1976373

#1	1665.036	3563.228	38280.79	6971.462	4134.405
#2	1674.367	3574.686	38803.71	6968.310	4150.223
#3	1658.548	3577.255	38445.37	6971.542	4145.992

Sample Name: PB125056BS Acquired: 11/29/2019 16:05:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS056 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0195690	.0516872	.0181248	.0787756	.1215445	.4097094
Stddev	.0015904	.0025553	.0000712	.0031824	.0004185	.0157481
%RSD	8.127350	4.943841	.3927419	4.039885	.3443441	3.843710

#1	.0204089	.0523394	.0181984	.0753815	.1218389	.4005904
#2	.0177347	.0538532	.0180563	.0792528	.1210654	.4006442
#3	.0205633	.0488690	.0181197	.0816925	.1217291	.4278937

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4113824	.0108442	.0101584	10.63423	.0220124	.0975980
Stddev	.0010803	.0000717	.0001113	.03002	.0002044	.0003262
%RSD	.2625893	.6612346	1.095251	.2823226	.9284654	.3342617

#1	.4102297	.0109267	.0100567	10.59994	.0218711	.0972998
#2	.4115460	.0107966	.0101414	10.65579	.0222468	.0979465
#3	.4123716	.0108093	.0102772	10.64697	.0219195	.0975478

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0384527	.2150348	.0337170	10.32886	.0823658	.0210287
Stddev	.0017871	.0063540	.0003028	.01491	.0003424	.0005837
%RSD	4.647403	2.954874	.8980305	.1443131	.4156723	2.775660

#1	.0384561	.2121125	.0340661	10.34404	.0820537	.0213310
#2	.0366639	.2106676	.0335268	10.31425	.0823118	.0203559
#3	.0402380	.2223242	.0335580	10.32831	.0827320	.0213994

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.692947	.1015859	.1500494	10.21163	.0216949	F .0174370
Stddev	.080562	.0024319	.0022174	.08465	.0003858	.0010181
%RSD	.8311406	2.393890	1.477788	.8289938	1.778064	5.838644

#1	9.737485	.0988907	.1512091	10.29481	.0213467	.0163963
#2	9.599949	.1036161	.1514464	10.12558	.0221095	.0174841
#3	9.741406	.1022509	.1474926	10.21450	.0216286	.0184308

Sample Name: PB125056BS Acquired: 11/29/2019 16:05:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS056 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0205299	.1850245	.2004216	.0102887	.1906819	F .0887249
Stddev	.0007191	.0033795	.0013799	.0004416	.0006772	.0007028
%RSD	3.502494	1.826488	.6885128	4.291769	.3551409	.7921600

#1	.0197082	.1826435	.2019783	.0105389	.1899175	.0882446
#2	.0208382	.1835375	.1993486	.0097789	.1909217	.0883985
#3	.0210435	.1888925	.1999380	.0105483	.1912066	.0895316

Elem	Sr4077
Units	ppm
Avg	.1961506
Stddev	.0004717
%RSD	.2404947

#1	.1956490
#2	.1965854
#3	.1962173

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1683.638	3567.551	38828.71	7011.197	4121.658
Stddev	11.415	2.186	37.90	45.579	3.623
%RSD	.6779733	.0612636	.0976072	.6500829	.0878922

#1	1696.461	3569.312	38850.75	6991.970	4120.007
#2	1674.585	3565.105	38850.44	7063.239	4125.813
#3	1679.870	3568.235	38784.95	6978.383	4119.156

Sample Name: PB125054BL Acquired: 11/29/2019 16:09:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS054 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000316	-.000130	-.001969	-.001152	.0006971	.0008080	-.003884
Stddev	.002372	.001732	.000454	.001497	.0017079	.0089090	.001096
%RSD	751.3774	1332.505	23.05167	129.9566	244.9854	1102.642	28.22936

#1	.001863	.001662	-.001506	-.002863	-.001274	-.001546	-.002651
#2	.000033	-.001796	-.001986	-.000083	.001728	.010658	-.004252
#3	-.002843	-.000256	-.002413	-.000510	.001637	-.006687	-.004749

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000030	-.000081	.0109432	-.000355	.0000515	-.000776	.0021731
Stddev	.000073	.000006	.0092412	.000341	.0001443	.002562	.0015188
%RSD	245.7473	7.105386	84.44734	96.03591	280.0809	329.9978	69.89127

#1	.000050	-.000081	.0215702	-.000689	.0001168	.001959	.0031852
#2	-.000094	-.000087	.0064664	-.000370	.0001517	-.001169	.0029074
#3	-.000045	-.000075	.0047930	-.000007	-.000114	-.003119	.0004267

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000593	-.036363	.0001117	.0001092	-.398058	-.003391	.0006355
Stddev	.0001991	.010628	.0003734	.0003923	.411099	.001761	.0030927
%RSD	335.9575	29.22691	334.1551	359.2050	103.2763	51.93248	486.6794

#1	.0002551	-.039205	.0004428	.0004573	-.827117	-.004432	.0025403
#2	-.000143	-.045282	-.000293	-.000316	-.007648	-.004383	-.002933
#3	.000066	-.024604	.000185	.000186	-.359408	-.001358	.002299

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.100228	.0010312	-.005210	-.000006	-.001288	.0003265	-.001896
Stddev	.070748	.0017321	.000309	.000181	.003423	.0014225	.000861
%RSD	70.58691	167.9653	5.936546	3161.682	265.6796	435.6772	45.43435

#1	-.163748	-.000799	-.005308	-.000063	-.002232	-.000781	-.002890
#2	-.023980	.002646	-.004864	-.000151	-.004140	-.000171	-.001398
#3	-.112956	.001247	-.005458	.000197	.002507	.001931	-.001399

Sample Name: PB125054BL Acquired: 11/29/2019 16:09:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS054 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001345	-.012469	.0000432
Stddev	.001250	.001024	.0000308
%RSD	92.96489	8.215144	71.22878

#1	-.002787	-.013199	.0000139
#2	-.000666	-.012910	.0000405
#3	-.000580	-.011298	.0000752

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1690.385	3585.167	38851.78	6997.803	4159.252
Stddev	13.840	7.619	154.32	29.939	12.711
%RSD	.8187199	.2125084	.3971981	.4278315	.3056056

#1	1688.017	3580.954	38756.54	6973.334	4152.182
#2	1705.256	3593.962	39029.82	7031.187	4173.926
#3	1677.882	3580.585	38768.96	6988.888	4151.648

Sample Name: PB125054BS Acquired: 11/29/2019 16:13:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS054 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0199193	.0527972	.0185276	.0775966	.1206676	.4081161
Stddev	.0045566	.0020031	.0006486	.0019835	.0015754	.0091308
%RSD	22.87550	3.793877	3.500783	2.556150	1.305593	2.237315

#1	.0187906	.0550957	.0177964	.0783386	.1205296	.4056883
#2	.0249341	.0518713	.0187527	.0791022	.1223075	.4182155
#3	.0160330	.0514245	.0190336	.0753491	.1191658	.4004445

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4098262	.0107665	.0102110	10.58301	.0213606	.0974724
Stddev	.0006713	.0001832	.0000764	.01169	.0003083	.0002409
%RSD	.1637914	1.701284	.7485019	.1104741	1.443184	.2471417

#1	.4105988	.0105815	.0102236	10.59361	.0210367	.0974851
#2	.4094945	.0107703	.0101290	10.58494	.0213946	.0972254
#3	.4093854	.0109477	.0102803	10.57047	.0216505	.0977067

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0427705	.2212057	.0333572	10.28774	.0823199	.0209992
Stddev	.0017341	.0134070	.0005283	.04413	.0003496	.0003707
%RSD	4.054432	6.060861	1.583823	.4289416	.4246810	1.765551

#1	.0435297	.2363311	.0338517	10.23748	.0819223	.0208480
#2	.0439955	.2165001	.0334192	10.30564	.0824585	.0214216
#3	.0407863	.2107859	.0328006	10.32012	.0825790	.0207279

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.996578	.1035852	.1503221	10.00366	.0220760	F .0165479
Stddev	.279609	.0047616	.0063077	.03631	.0003118	.0005620
%RSD	2.797044	4.596808	4.196094	.3629224	1.412494	3.396253

#1	10.31455	.1061588	.1534312	9.97088	.0220363	.0164965
#2	9.78910	.1065063	.1544717	10.04268	.0224058	.0171338
#3	9.88608	.0980906	.1430635	9.99743	.0217859	.0160133

Sample Name: PB125054BS Acquired: 11/29/2019 16:13:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS054 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0200399	.1846730	.1991789	.0098251	.1903041	F .0836567
Stddev	.0002345	.0018317	.0046017	.0007596	.0001310	.0020609
%RSD	1.170090	.9918806	2.310346	7.731130	.0688240	2.463529

#1	.0198572	.1855053	.1976585	.0103013	.1902884	.0819369
#2	.0199583	.1859408	.1955298	.0089491	.1901816	.0830921
#3	.0203043	.1825729	.2043484	.0102248	.1904422	.0859411

Elem	Sr4077
Units	ppm
Avg	.1961828
Stddev	.0004861
%RSD	.2477563

#1	.1962467
#2	.1956680
#3	.1966337

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1686.452	3571.331	38939.48	7060.769	4131.435
Stddev	12.558	2.879	140.83	35.368	4.459
%RSD	.7446341	.0806105	.3616565	.5009150	.1079287

#1	1673.214	3572.892	38792.16	7087.050	4134.367
#2	1698.196	3568.008	39072.77	7074.700	4126.303
#3	1687.946	3573.092	38953.51	7020.556	4133.633

Sample Name: K5913-01 Acquired: 11/29/2019 16:17:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNT4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080749	.0061319	.0565611	-.003718	.0003650	65.42687	.6914370
Stddev	.0033378	.0005796	.0021146	.003617	.0004037	.42290	.0035942
%RSD	41.33528	9.451718	3.738641	97.28079	110.6022	.6463763	.5198180

#1	.0052961	.0059043	.0543132	-.007387	.0005180	64.94705	.6872867
#2	.0071513	.0067907	.0568594	-.003612	.0006697	65.58819	.6935075
#3	.0117772	.0057007	.0585108	-.000155	-.000093	65.74536	.6935167

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041086	.0002659	32.66774	.0914783	.0712495	.1531271	160.0182
Stddev	.0000524	.0001122	.16310	.0013534	.0001078	.0014468	.7678
%RSD	1.275266	42.18600	.4992604	1.479450	.1512889	.9448207	.4798435

#1	.0040705	.0002746	32.48881	.0899203	.0713730	.1515410	159.1367
#2	.0040869	.0001496	32.80808	.0921514	.0711743	.1543743	160.3769
#3	.0041683	.0003734	32.70634	.0923631	.0712012	.1534660	160.5411

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.428906	28.77346	.1218698	-.000284	3.035948	.4507990	.8206155
Stddev	.011624	.15624	.0004035	.000293	.137272	.0046472	.0019310
%RSD	.4785747	.5430038	.3310511	103.4105	4.521559	1.030880	.2353136

#1	2.415485	28.61786	.1216489	.000026	2.986289	.4477097	.8202828
#2	2.435453	28.77219	.1216250	-.000320	3.191139	.4561435	.8226912
#3	2.435780	28.93033	.1223355	-.000557	2.930415	.4485440	.8188724

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.025480	5.739470	.1552205	.0004812	1.470655	8.403914	-.002185
Stddev	.013167	.018418	.0017868	.0002546	.005462	.013967	.000349
%RSD	.2620107	.3208928	1.151140	52.91700	.3714086	.1661926	15.95241

#1	5.013805	5.731000	.1532209	.0003250	1.471480	8.394802	-.002329
#2	5.022881	5.726811	.1566607	.0003436	1.464827	8.419994	-.002438
#3	5.039752	5.760599	.1557799	.0007751	1.475658	8.396946	-.001787

Sample Name: K5913-01 Acquired: 11/29/2019 16:17:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNT4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.192179	.0327368	.2476051
Stddev	.023645	.0011358	.0005818
%RSD	.2886316	3.469374	.2349898

#1	8.203835	.0322695	.2480246
#2	8.207733	.0319093	.2478499
#3	8.164969	.0340317	.2469408

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1827.021	3880.613	42410.53	7782.854	4071.706
Stddev	11.154	7.584	117.49	28.585	6.402
%RSD	.6105233	.1954223	.2770242	.3672771	.1572382

#1	1822.689	3886.981	42370.10	7769.916	4074.143
#2	1818.683	3882.636	42318.61	7763.025	4076.533
#3	1839.692	3872.224	42542.90	7815.620	4064.443

Sample Name: K5913-02 Acquired: 11/29/2019 16:21:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNT5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063158	.0056768	.0916339	-.004000	.0027895	83.85338	.9676136
Stddev	.0040609	.0014314	.0009566	.002533	.0008473	.64042	.0030886
%RSD	64.29695	25.21505	1.043991	63.32384	30.37338	.7637405	.3192009

#1	.0109376	.0067472	.0925207	-.004021	.0032868	84.50089	.9711798
#2	.0046904	.0062324	.0917610	-.001457	.0032705	83.22029	.9657925
#3	.0033194	.0040509	.0906201	-.006523	.0018112	83.83895	.9658686

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052023	.0017714	39.37944	.1130510	.0848518	.2042553	173.3526
Stddev	.0001381	.0001401	.10686	.0004688	.0005538	.0020112	1.1557
%RSD	2.654407	7.907082	.2713503	.4146669	.6526476	.9846685	.6666642

#1	.0050623	.0017441	39.49998	.1133708	.0849010	.2065031	174.3763
#2	.0052061	.0016470	39.34197	.1132694	.0842750	.2036366	172.0994
#3	.0053384	.0019231	39.29636	.1125129	.0853793	.2026260	173.5822

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.429098	31.32981	.1343122	-.000190	2.637780	.4603081	.9246900
Stddev	.007465	.24677	.0004394	.000310	.458430	.0037910	.0107692
%RSD	.3073008	.7876576	.3271335	163.0374	17.37940	.8235866	1.164622

#1	2.436186	31.59764	.1338647	-.000056	2.871201	.4636775	.9148001
#2	2.421306	31.11165	.1347429	.000030	2.109615	.4610435	.9361631
#3	2.429803	31.28014	.1343290	-.000545	2.932523	.4562032	.9231066

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.350519	5.954983	.1674305	.0006316	3.238701	9.361266	-.000839
Stddev	.132742	.015462	.0043255	.0003857	.012586	.045989	.001393
%RSD	2.090255	.2596429	2.583453	61.05831	.3886245	.4912718	166.0414

#1	6.402092	5.954619	.1717739	.0005046	3.224304	9.331336	-.002280
#2	6.199730	5.939707	.1631231	.0010648	3.244180	9.338241	.000502
#3	6.449734	5.970624	.1673945	.0003255	3.247620	9.414219	-.000739

Sample Name: K5913-02 Acquired: 11/29/2019 16:21:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNT5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.143679	.0397132	.3165849
Stddev	.055340	.0005795	.0011355
%RSD	.6795433	1.459155	.3586817

#1	8.086655	.0390593	.3154332
#2	8.197165	.0401629	.3177036
#3	8.147216	.0399175	.3166179

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1840.397	3926.138	42819.64	7888.619	4037.701
Stddev	3.465	5.937	147.75	41.890	5.940
%RSD	.1882954	.1512230	.3450513	.5310151	.1471167

#1	1843.835	3921.149	42990.13	7920.913	4033.484
#2	1840.452	3932.705	42739.74	7903.657	4044.494
#3	1836.905	3924.561	42729.03	7841.286	4035.125

Sample Name: K5913-03 Acquired: 11/29/2019 16:25:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNT6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0191823	.0052466	.0711332	-.004450	.0011584	128.7940	1.620516
Stddev	.0023786	.0008374	.0026660	.003006	.0010452	.1839	.002484
%RSD	12.40003	15.96142	3.747872	67.55371	90.22622	.1427973	.1532995

#1	.0169441	.0044925	.0734043	-.003856	.0021278	128.6088	1.620136
#2	.0216800	.0061478	.0717975	-.007708	.0000512	128.9767	1.623169
#3	.0189228	.0050994	.0681979	-.001785	.0012962	128.7964	1.618245

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088931	-.000381	47.81876	.1780311	.1124425	.2469078	232.2139
Stddev	.0000833	.000033	.10033	.0000800	.0000723	.0031534	.2684
%RSD	.9370377	8.570276	.2098095	.0449100	.0643227	1.277136	.1155780

#1	.0089861	-.000352	47.75356	.1780544	.1125196	.2439660	232.4589
#2	.0088252	-.000374	47.93429	.1780969	.1124319	.2502369	231.9271
#3	.0088680	-.000416	47.76843	.1779421	.1123761	.2465206	232.2557

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.761530	48.28125	.2102582	.0001632	2.620662	.6395865	.6356146
Stddev	.003868	.07682	.0005331	.0004991	.172610	.0035565	.0009361
%RSD	.1400638	.1591052	.2535418	305.9361	6.586497	.5560560	.1472717

#1	2.758112	48.28555	.2096429	-.000114	2.795908	.6358555	.6353135
#2	2.760750	48.20237	.2105488	.000739	2.615263	.6399660	.6366642
#3	2.765729	48.35583	.2105827	-.000136	2.450816	.6429380	.6348662

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.591153	6.873158	.2275031	.0013879	2.800578	7.372092	-.002618
Stddev	.050745	.009385	.0030197	.0002095	.005102	.011970	.000838
%RSD	.5290846	.1365407	1.327306	15.09676	.1821790	.1623703	32.00492

#1	9.558413	6.874355	.2308235	.0013085	2.797443	7.369693	-.003083
#2	9.565438	6.881886	.2249211	.0016255	2.797825	7.361503	-.003121
#3	9.649608	6.863232	.2267647	.0012297	2.806465	7.385080	-.001651

Sample Name: K5913-03 Acquired: 11/29/2019 16:25:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNT6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	10.41340	.0776860	.4310739
Stddev	.03655	.0003134	.0013936
%RSD	.3509613	.4033821	.3232902

#1	10.41198	.0773481	.4314823
#2	10.45064	.0779670	.4322177
#3	10.37759	.0777428	.4295217

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1987.417	4177.650	46025.56	8490.029	3942.202
Stddev	5.397	5.925	94.28	31.549	8.137
%RSD	.2715664	.1418235	.2048531	.3715967	.2064068

#1	1981.375	4171.581	45928.56	8522.460	3934.048
#2	1991.761	4183.420	46031.24	8459.444	3950.321
#3	1989.115	4177.950	46116.87	8488.183	3942.238

Sample Name: K5913-04 Acquired: 11/29/2019 16:29:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNT7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0152328	.0050814	.0483358	-.001510	.0024090	71.55447	.5589493
Stddev	.0032865	.0002088	.0019429	.002604	.0006886	.24518	.0003570
%RSD	21.57496	4.108881	4.019578	172.4661	28.58298	.3426504	.0638734

#1	.0158737	.0049280	.0482360	-.004092	.0018268	71.83389	.5587371
#2	.0116731	.0049969	.0503267	-.001554	.0031691	71.37526	.5587493
#3	.0181517	.0053191	.0464447	.001116	.0022311	71.45427	.5593615

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038532	.0012111	36.00754	.0655737	.0592161	.2562863	138.7761
Stddev	.0000801	.0000648	.06850	.0006205	.0003193	.0010158	.3016
%RSD	2.079845	5.348907	.1902290	.9461997	.5391564	.3963702	.2172996

#1	.0037622	.0011635	36.02316	.0660724	.0588551	.2574565	139.0948
#2	.0038844	.0011850	36.06688	.0657697	.0593319	.2557716	138.7381
#3	.0039131	.0012849	35.93259	.0648789	.0594614	.2556308	138.4953

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.934083	25.65682	.0900779	.0003485	4.798174	.3620058	.6742602
Stddev	.005445	.05614	.0006586	.0002817	.310974	.0011130	.0027917
%RSD	.2815315	.2188076	.7311309	80.84303	6.481098	.3074555	.4140403

#1	1.931051	25.71609	.0896239	.0006468	5.044417	.3628968	.6763554
#2	1.940369	25.64991	.0897766	.0000869	4.448716	.3607582	.6753342
#3	1.930829	25.60445	.0908333	.0003118	4.901388	.3623623	.6710910

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.591121	5.542290	.1344351	.0015120	4.691464	11.44892	.0024265
Stddev	.058409	.023713	.0028206	.0005988	.011832	.03082	.0010447
%RSD	1.272222	.4278581	2.098102	39.60568	.2522069	.2692304	43.05378

#1	4.595654	5.514911	.1335011	.0021902	4.679872	11.42983	.0024144
#2	4.647131	5.555717	.1376042	.0012894	4.703522	11.43245	.0034772
#3	4.530577	5.556244	.1321999	.0010563	4.690999	11.48448	.0013879

Sample Name: K5913-04 Acquired: 11/29/2019 16:29:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNT7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.441386	.0248661	.2873167
Stddev	.032176	.0019179	.0005573
%RSD	.4995214	7.713050	.1939554

#1	6.404362	.0259015	.2867295
#2	6.457209	.0226530	.2878382
#3	6.462586	.0260439	.2873823

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1830.141	3849.951	42325.46	7743.712	4060.405
Stddev	9.645	12.934	208.06	17.987	7.491
%RSD	.5269880	.3359426	.4915743	.2322724	.1844929

#1	1840.143	3859.207	42560.55	7736.799	4063.765
#2	1820.898	3855.473	42250.80	7764.130	4065.629
#3	1829.382	3835.173	42165.03	7730.208	4051.822

Sample Name: K5913-05 Acquired: 11/29/2019 16:33:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNT7D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121651	.0045873	.0492036	-.003044	-.000408	71.94137	.5604221
Stddev	.0007213	.0010632	.0011715	.002487	.000940	.49050	.0003742
%RSD	5.928953	23.17710	2.380854	81.68416	230.3059	.6818054	.0667752

#1	.0125629	.0039829	.0497484	-.000740	.000610	71.65717	.5599943
#2	.0125999	.0058149	.0478589	-.005680	-.000592	71.65918	.5605826
#3	.0113326	.0039639	.0500035	-.002712	-.001243	72.50775	.5606892

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037866	.0012049	36.08465	.0656623	.0595982	.2563292	139.3560
Stddev	.0000670	.0000105	.08134	.0002583	.0002486	.0028232	.3250
%RSD	1.768922	.8720949	.2254029	.3933957	.4170372	1.101388	.2332499

#1	.0038274	.0012024	36.07148	.0655531	.0595517	.2554541	139.2759
#2	.0037093	.0011959	36.01071	.0659572	.0593761	.2594863	139.0785
#3	.0038232	.0012164	36.17177	.0654764	.0598667	.2540472	139.7136

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.939718	25.79838	.0903926	.0002895	4.899687	.3644733	.6756625
Stddev	.002730	.01052	.0004392	.0000940	.197764	.0015962	.0032730
%RSD	.1407384	.0407707	.4858619	32.46215	4.036255	.4379360	.4844103

#1	1.941924	25.81050	.0898901	.0003429	4.895591	.3650846	.6721574
#2	1.936665	25.79171	.0905846	.0001810	4.704003	.3656735	.6761912
#3	1.940566	25.79292	.0907031	.0003446	5.099467	.3626618	.6786390

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.622501	5.571778	.1350661	.0011497	4.704608	11.36969	.0006647
Stddev	.009219	.016342	.0017068	.0001239	.007863	.07862	.0005690
%RSD	.1994316	.2932991	1.263695	10.77787	.1671434	.6914909	85.60497

#1	4.630171	5.555493	.1368130	.0010555	4.705588	11.45088	.0005313
#2	4.612273	5.588176	.1349828	.0011037	4.696301	11.29392	.0012886
#3	4.625057	5.571664	.1334025	.0012901	4.711936	11.36426	.0001743

Sample Name: K5913-05 Acquired: 11/29/2019 16:33:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNT7D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.407442	.0238551	.2859761
Stddev	.043666	.0016682	.0009506
%RSD	.6814862	6.992979	.3323995

#1	6.408222	.0231475	.2852989
#2	6.450713	.0257604	.2870628
#3	6.363392	.0226573	.2855667

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1835.097	3845.124	42340.08	7760.741	4048.905
Stddev	18.821	5.776	315.23	42.247	7.668
%RSD	1.025631	.1502215	.7445244	.5443666	.1893845

#1	1818.421	3847.403	41976.12	7712.941	4054.306
#2	1855.505	3849.413	42526.73	7793.079	4052.280
#3	1831.366	3838.556	42517.39	7776.203	4040.128

Sample Name: K5913-06 Acquired: 11/29/2019 16:37:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNT7S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0769630	.1140945	.0903452	.0852080	.1482980	76.77669	4.546832
Stddev	.0035977	.0015479	.0009125	.0024032	.0029801	.55691	.015511
%RSD	4.674533	1.356656	1.010001	2.820337	2.009558	.7253629	.3411346

#1	.0776659	.1158799	.0898860	.0875422	.1448641	77.40891	4.561036
#2	.0801573	.1132734	.0897535	.0853404	.1502084	76.56243	4.549178
#3	.0730657	.1131302	.0913960	.0827414	.1498215	76.35874	4.530282

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1020531	.1034195	37.10649	.4642568	1.072158	.6494933	143.5672
Stddev	.0007801	.0003680	.04560	.0009897	.000762	.0048964	.7369
%RSD	.7643824	.3558717	.1228900	.2131718	.0710258	.7538821	.5132477

#1	.1019102	.1030473	37.15858	.4634513	1.071402	.6466816	144.1371
#2	.1013543	.1037832	37.08710	.4653615	1.072925	.6551471	143.8294
#3	.1028947	.1034279	37.07379	.4639575	1.072146	.6466511	142.7351

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.947093	26.50673	1.119851	.0900975	4.809188	1.372801	1.817880
Stddev	.009441	.13438	.002221	.0003117	.226109	.011520	.040018
%RSD	.3203617	.5069793	.1983262	.3459032	4.701599	.8391680	2.201348

#1	2.947654	26.66026	1.117574	.0904572	4.714516	1.376061	1.857842
#2	2.956242	26.44950	1.122012	.0899078	5.067245	1.382340	1.777806
#3	2.937384	26.41044	1.119966	.0899275	4.645804	1.360002	1.817993

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.638652	5.714035	.1392112	.0013704	4.775720	12.88131	-.002091
Stddev	.065009	.026075	.0016506	.0003134	.021577	.12609	.000612
%RSD	1.401454	.4563317	1.185661	22.86852	.4517960	.9788484	29.24237

#1	4.708973	5.690065	.1400332	.0011881	4.754998	12.91073	-.001642
#2	4.580748	5.741799	.1402893	.0017323	4.798060	12.74311	-.002788
#3	4.626234	5.710242	.1373110	.0011908	4.774102	12.99009	-.001845

Sample Name: K5913-06 Acquired: 11/29/2019 16:37:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNT7S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.512348	.0260754	.2914528
Stddev	.051194	.0021729	.0006295
%RSD	.7861113	8.332960	.2159871

#1	6.453361	.0246775	.2909302
#2	6.545201	.0249701	.2912766
#3	6.538482	.0285787	.2921517

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1798.950	3814.715	42046.28	7714.419	4013.167
Stddev	7.476	1.899	126.76	24.271	9.686
%RSD	.415522	.0497877	.3014671	.3146152	.2413632

#1	1790.346	3816.908	41914.94	7740.312	4018.779
#2	1802.650	3813.614	42056.00	7710.759	4001.982
#3	1803.855	3813.623	42167.89	7692.186	4018.739

Sample Name: K5913-04LX5 Acquired: 11/29/2019 16:41:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNT7L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032950	.0012584	.0081312	.0012111	-.001448	15.12547	.1162084
Stddev	.0013563	.0012788	.0004943	.0023495	.000887	.05528	.0005274
%RSD	41.16234	101.6220	6.078760	193.9994	61.25174	.3655042	.4537966

#1	.0026899	.0006656	.0086728	.0020001	-.000443	15.06195	.1165632
#2	.0023467	.0027260	.0077045	-.001431	-.001779	15.15170	.1156024
#3	.0048486	.0003836	.0080163	.003065	-.002123	15.16275	.1164595

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008099	.0001772	7.694507	.0139614	.0115675	.0521875	29.72563
Stddev	.0000445	.0000326	.031117	.0004667	.0002491	.0027157	.06162
%RSD	5.487867	18.40848	.4044049	3.343037	2.153354	5.203673	.2072983

#1	.0007589	.0001501	7.725808	.0134360	.0117959	.0550649	29.71151
#2	.0008305	.0002134	7.663577	.0143281	.0113019	.0496694	29.67228
#3	.0008403	.0001680	7.694137	.0141200	.0116046	.0518283	29.79308

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4177291	5.498602	.0179779	.0000783	.7756697	.0771987	.1408276
Stddev	.0014958	.025951	.0005392	.0002877	.2945771	.0028433	.0019493
%RSD	.3580791	.4719588	2.999080	367.2411	37.97713	3.683140	1.384156

#1	.4167280	5.473930	.0184050	-.000214	1.111230	.0792597	.1386002
#2	.4170108	5.496210	.0181566	.000361	.656107	.0783817	.1422220
#3	.4194486	5.525666	.0173720	.000087	.559672	.0739549	.1416605

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8551936	1.115752	.0247542	.0004045	.9318093	2.313075	-.001338
Stddev	.0759119	.001678	.0007709	.0002388	.0039698	.004649	.001136
%RSD	8.876569	.1504108	3.114096	59.02723	.4260341	.2009704	84.87695

#1	.9233108	1.114184	.0254058	.0002106	.9272390	2.308352	-.002540
#2	.8689120	1.115548	.0249535	.0003317	.9344014	2.313227	-.000283
#3	.7733580	1.117522	.0239032	.0006712	.9337873	2.317646	-.001191

Sample Name: K5913-04LX5 Acquired: 11/29/2019 16:41:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNT7L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.357093	-.003149	.0607947
Stddev	.002525	.002005	.0002420
%RSD	.1860801	63.66769	.3981057

#1	1.355246	-.005400	.0605159
#2	1.356062	-.001556	.0609516
#3	1.359971	-.002491	.0609164

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1713.117	3632.256	39471.97	7152.296	4124.287
Stddev	1.381	4.247	96.27	23.000	6.586
%RSD	.0805925	.1169351	.2438928	.3215710	.1596813

#1	1711.638	3629.764	39460.39	7158.220	4119.804
#2	1713.342	3637.160	39573.51	7171.754	4131.848
#3	1714.372	3629.844	39382.02	7126.913	4121.208

Sample Name: K5912-04 Acquired: 11/29/2019 16:45:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNR4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0131774	.0046133	.0395431	-.002819	.0017072	51.99961	.6329313
Stddev	.0022961	.0008783	.0015131	.002138	.0025633	.13517	.0008993
%RSD	17.42464	19.03912	3.826490	75.83393	150.1415	.2599426	.1420833

#1	.0140292	.0039678	.0396700	-.004727	.0044014	52.04818	.6324657
#2	.0149259	.0042586	.0379706	-.000509	.0014214	52.10379	.6339680
#3	.0105771	.0056135	.0409888	-.003221	-.000701	51.84687	.6323604

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033440	-.000004	31.07267	.0675821	.0619985	.0974718	130.1668
Stddev	.0001182	.000059	.06692	.0003677	.0002549	.0030755	.4764
%RSD	3.534450	1365.613	.2153609	.5440827	.4111444	3.155295	.3659752

#1	.0034804	-.000050	31.08700	.0680063	.0622423	.0978861	130.2113
#2	.0032779	.000062	31.13126	.0673858	.0620194	.0942102	130.6193
#3	.0032736	-.000025	30.99975	.0673542	.0617338	.1003192	129.6697

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.420812	23.75523	.1023194	-.000001	2.149135	.3299567	.6214605
Stddev	.003116	.01538	.0002818	.000209	.189125	.0006455	.0085202
%RSD	.1287292	.0647424	.2754278	14766.80	8.800050	.1956243	1.370992

#1	2.419848	23.77278	.1023248	.000239	1.942200	.3296503	.6164714
#2	2.424296	23.74879	.1025985	-.000142	2.192177	.3306983	.6312984
#3	2.418291	23.74411	.1020350	-.000101	2.313030	.3295216	.6166116

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.063789	5.534751	.1172694	-.000202	.9892883	10.40519	-.001472
Stddev	.048372	.014489	.0013987	.000210	.0063226	.09772	.001219
%RSD	1.190310	.2617755	1.192738	104.1762	.6391045	.9391346	82.84113

#1	4.066680	5.543986	.1159022	-.000012	.9953257	10.51706	-.000301
#2	4.110651	5.542213	.1186976	-.000427	.9898244	10.36204	-.002734
#3	4.014037	5.518052	.1172085	-.000165	.9827147	10.33648	-.001380

Sample Name: K5912-04 Acquired: 11/29/2019 16:45:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNR4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.039445	.0213231	.2487299
Stddev	.010042	.0011570	.0001303
%RSD	.1662673	5.426151	.0523912

#1	6.051037	.0222997	.2488042
#2	6.033909	.0200452	.2485795
#3	6.033390	.0216242	.2488061

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1814.688	3816.728	42076.72	7600.940	4045.651
Stddev	8.547	1.904	41.92	37.143	1.875
%RSD	.4710014	.0498741	.0996389	.4886634	.0463390

#1	1821.844	3814.553	42098.82	7558.084	4044.370
#2	1805.224	3817.539	42028.37	7620.906	4044.781
#3	1816.995	3818.091	42102.97	7623.830	4047.803

Sample Name: K5912-05 Acquired: 11/29/2019 16:49:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNR4D Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0128620	.0035733	.0394249	-.000688	.0001031	50.52892	.6244342
Stddev	.0031266	.0018926	.0013962	.003401	.0011550	.38503	.0017051
%RSD	24.30926	52.96381	3.541464	494.1746	1120.822	.7619935	.2730591

#1	.0153074	.0057448	.0401124	-.002465	.0006266	50.31880	.6231088
#2	.0093391	.0026998	.0403440	.003233	.0009036	50.29466	.6238360
#3	.0139394	.0022753	.0378182	-.002833	-.001221	50.97329	.6263577

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032088	-.000052	30.52114	.0672341	.0604236	.0958462	128.2415
Stddev	.0000781	.000048	.09142	.0003133	.0003038	.0011348	.7595
%RSD	2.432904	91.30224	.2995427	.4659274	.5027327	1.184009	.5922176

#1	.0032893	-.000077	30.44117	.0671183	.0607743	.0965849	127.7703
#2	.0032038	.000003	30.50145	.0675888	.0602532	.0964142	127.8366
#3	.0031334	-.000083	30.62081	.0669952	.0602433	.0945396	129.1177

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.376886	23.37413	.0994278	-.000216	1.963297	.3268132	.6061023
Stddev	.008364	.10522	.0004587	.000332	.325913	.0020557	.0111796
%RSD	.3519041	.4501449	.4613217	153.8789	16.60030	.6290293	1.844507

#1	2.371716	23.40157	.0989163	.000146	2.099274	.3289941	.5934309
#2	2.372406	23.25791	.0998027	-.000508	1.591413	.3249110	.6103023
#3	2.386536	23.46290	.0995645	-.000286	2.199202	.3265344	.6145736

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.970948	5.467598	.1190117	.0002610	.9611628	9.749136	-.002026
Stddev	.125561	.021542	.0035526	.0003356	.0084394	.076591	.001016
%RSD	3.161996	.3939930	2.985108	128.5959	.8780424	.7856133	50.15032

#1	3.866064	5.448600	.1160424	.0005817	.9543747	9.715398	-.000854
#2	3.936701	5.491003	.1180452	.0002889	.9706120	9.836804	-.002558
#3	4.110080	5.463192	.1229476	-.000088	.9585018	9.695207	-.002665

Sample Name: K5912-05 Acquired: 11/29/2019 16:49:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNR4D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.965518	.0202706	.2366506
Stddev	.032405	.0015481	.0004205
%RSD	.5432029	7.636940	.1777066

#1	5.976550	.0219592	.2364931
#2	5.990967	.0189185	.2371272
#3	5.929038	.0199342	.2363315

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1817.112	3816.110	41889.45	7604.457	4051.420
Stddev	13.442	7.178	78.14	43.492	7.126
%RSD	.7397514	.1881027	.1865464	.5719310	.1758890

#1	1817.975	3810.159	41941.77	7593.184	4043.476
#2	1803.260	3824.082	41799.62	7567.710	4057.248
#3	1830.103	3814.090	41926.95	7652.475	4053.536

Sample Name: K5912-06 Acquired: 11/29/2019 16:53:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNR4S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1469939	.2113404	.1175944	.1762161	.2845993	56.63522	8.484039
Stddev	.0065234	.0057365	.0018602	.0055265	.0018108	.32150	.031489
%RSD	4.437861	2.714348	1.581900	3.136235	.6362748	.5676760	.3711507

#1	.1412454	.2179545	.1163017	.1787310	.2841885	56.96770	8.518890
#2	.1456526	.2083458	.1167551	.1698794	.2865803	56.32595	8.457637
#3	.1540836	.2077209	.1197264	.1800379	.2830293	56.61200	8.475590

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2008586	.2018254	30.32703	.8467525	2.039322	.8600551	124.4517
Stddev	.0029954	.0004226	.14783	.0012431	.001650	.0075180	.6756
%RSD	1.491288	.2093806	.4874591	.1468015	.0809218	.8741258	.5428678

#1	.2030479	.2020656	30.49162	.8453207	2.038593	.8604058	125.1512
#2	.1974450	.2013374	30.20554	.8473813	2.041212	.8523679	123.8028
#3	.2020829	.2020731	30.28393	.8475555	2.038162	.8673915	124.4011

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.061862	21.03828	2.100703	.1783337	2.796122	2.295994	2.815967
Stddev	.024498	.16035	.000787	.0009803	.201526	.015114	.017524
%RSD	.6031232	.7621655	.0374594	.5497135	7.207348	.6582883	.6223235

#1	4.087817	21.22153	2.101451	.1788037	2.616688	2.313430	2.795995
#2	4.039143	20.92375	2.100775	.1772068	3.014157	2.287927	2.828769
#3	4.058627	20.96955	2.099882	.1789905	2.757521	2.286624	2.823137

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.666940	5.344259	.1164531	-.000278	.7920207	14.96826	-.001002
Stddev	.114982	.009674	.0017788	.000116	.0035148	.23960	.001388
%RSD	3.135635	.1810149	1.527519	41.81550	.4437731	1.600710	138.5424

#1	3.540355	5.333748	.1153066	-.000146	.7957412	15.15851	-.002553
#2	3.764917	5.346242	.1185023	-.000323	.7887561	14.69918	-.000572
#3	3.695547	5.352788	.1155503	-.000366	.7915649	15.04709	.000120

Sample Name: K5912-06 Acquired: 11/29/2019 16:53:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNR4S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.711691	.0196588	.2164776
Stddev	.032430	.0018755	.0009121
%RSD	.5677802	9.540295	.4213167

#1	5.689579	.0217286	.2158253
#2	5.696574	.0191754	.2160876
#3	5.748919	.0180723	.2175198

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1789.441	3772.184	41584.92	7505.089	4034.552
Stddev	2.841	1.297	65.95	37.105	1.878
%RSD	.1587772	.0343848	.1585807	.4944024	.0465574

#1	1792.072	3773.278	41655.66	7485.286	4032.405
#2	1786.428	3772.522	41525.15	7547.895	4035.896
#3	1789.823	3770.751	41573.93	7482.087	4035.354

Sample Name: K5912-04LX5 Acquired: 11/29/2019 16:57:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNR4L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039494	.0005480	.0062327	-.000778	.0002738	10.77854	.1307116
Stddev	.0019137	.0011553	.0008937	.002343	.0003305	.02526	.0009144
%RSD	48.45627	210.8086	14.33866	301.0701	120.7404	.2343329	.6995591

#1	.0053185	.0007451	.0072636	-.001240	.0006181	10.79226	.1306960
#2	.0017627	.0015921	.0056758	.001761	-.000041	10.74940	.1298052
#3	.0047671	-.000693	.0057589	-.002856	.000244	10.79398	.1316338

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006518	-.000140	6.519796	.0140870	.0118323	.0191605	27.28392
Stddev	.0000490	.000046	.002309	.0005141	.0001247	.0028189	.14204
%RSD	7.515001	32.96535	.0354102	3.649759	1.053713	14.71217	.5206131

#1	.0006837	-.000134	6.519434	.0137021	.0118237	.0163008	27.12622
#2	.0006762	-.000098	6.522264	.0138881	.0119610	.0219368	27.32372
#3	.0005954	-.000189	6.517690	.0146709	.0117121	.0192440	27.40182

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5098975	4.960580	.0200066	-.000466	-.062420	.0681987	.1245335
Stddev	.0002948	.039997	.0003682	.000552	.205794	.0021913	.0075102
%RSD	.0578088	.8063054	1.840303	118.4982	329.6919	3.213099	6.030678

#1	.5097303	4.916077	.0200552	-.001101	.164243	.0676371	.1328427
#2	.5097242	4.993529	.0196165	-.000109	-.113953	.0706162	.1225287
#3	.5102378	4.972134	.0203481	-.000187	-.237550	.0663429	.1182292

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7213213	1.107308	.0199852	-.000020	.1943960	2.143518	-.001487
Stddev	.1005771	.005922	.0012375	.000163	.0019142	.025045	.000685
%RSD	13.94345	.5348301	6.192154	804.3052	.9846870	1.168403	46.03607

#1	.6295100	1.104937	.0190723	-.000206	.1965854	2.156483	-.000994
#2	.8288205	1.102938	.0213937	.000046	.1935641	2.159422	-.001199
#3	.7056334	1.114048	.0194896	.000099	.1930386	2.114648	-.002269

Sample Name: K5912-04LX5 Acquired: 11/29/2019 16:57:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNR4L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.267946	-.005531	.0510709
Stddev	.001369	.000741	.0000245
%RSD	.1079739	13.39868	.0480333

#1	1.267930	-.004752	.0510729
#2	1.266586	-.005613	.0510944
#3	1.269324	-.006227	.0510455

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1711.457	3597.798	39446.10	7119.374	4090.948
Stddev	15.668	12.669	231.92	16.846	9.216
%RSD	.9154814	.3521336	.5879292	.2366258	.2252697

#1	1710.535	3605.415	39402.49	7115.228	4096.011
#2	1727.565	3604.805	39696.73	7104.987	4096.522
#3	1696.270	3583.173	39239.09	7137.906	4080.311

Sample Name: K5913-07 Acquired: 11/29/2019 17:01:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNT8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079761	.0049474	.0280273	-.001094	.0002772	42.46238	.4086362
Stddev	.0053987	.0013998	.0015470	.000957	.0002393	.07908	.0009116
%RSD	67.68544	28.29339	5.519556	87.51088	86.31887	.1862271	.2230849

#1	.0120412	.0050519	.0298084	-.002194	.0003929	42.40546	.4079661
#2	.0100366	.0062921	.0270186	-.000634	.0004366	42.55267	.4082683
#3	.0018507	.0034984	.0272549	-.000453	.0000021	42.42901	.4096743

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030151	.0002025	27.02158	.0563262	.0602029	.0766980	133.2879
Stddev	.0000847	.0000966	.05148	.0008970	.0000733	.0015804	.1418
%RSD	2.809379	47.71709	.1905245	1.592503	.1217700	2.060530	.1063642

#1	.0030800	.0001347	27.01674	.0573050	.0601378	.0768997	133.1682
#2	.0029193	.0003131	26.97269	.0561301	.0602823	.0781678	133.4445
#3	.0030460	.0001596	27.07531	.0555435	.0601886	.0750264	133.2510

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.327875	20.04429	.1030316	-.000477	2.576512	.3563754	.5458479
Stddev	.002169	.06155	.0001642	.000330	.257361	.0025692	.0074813
%RSD	.1633203	.3070818	.1593451	69.14762	9.988717	.7209140	1.370587

#1	1.329036	20.08193	.1028925	-.000678	2.506929	.3535930	.5537994
#2	1.325373	19.97325	.1032127	-.000096	2.361098	.3586579	.5447962
#3	1.329216	20.07768	.1029896	-.000657	2.861510	.3568754	.5389481

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.873113	5.549443	.1245238	-.000322	.4932478	8.625023	-.001899
Stddev	.027244	.026801	.0018277	.000240	.0027037	.068026	.000911
%RSD	1.454499	.4829513	1.467711	74.41740	.5481370	.7887005	47.96848

#1	1.875044	5.528143	.1266340	-.000293	.4963641	8.556831	-.001924
#2	1.899340	5.540651	.1234429	-.000574	.4918513	8.625358	-.002797
#3	1.844954	5.579536	.1234945	-.000098	.4915279	8.692881	-.000976

Sample Name: K5913-07 Acquired: 11/29/2019 17:01:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNT8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.299630	.0138643	.1684199
Stddev	.016130	.0010109	.0003588
%RSD	.2560457	7.291045	.2130473

#1	6.286129	.0149022	.1680934
#2	6.295270	.0128828	.1683624
#3	6.317492	.0138080	.1688040

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1787.205	3765.683	41474.87	7505.175	4037.090
Stddev	2.445	11.990	253.03	24.212	10.504
%RSD	.1368181	.3183980	.6100736	.3226045	.2601937

#1	1784.443	3775.098	41473.50	7532.449	4047.344
#2	1789.096	3769.767	41222.53	7486.219	4037.572
#3	1788.075	3752.185	41728.58	7496.856	4026.353

Sample Name: K5913-08 Acquired: 11/29/2019 17:05:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNT9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0416296	.0102224	.0846008	-.004850	.0027449	150.7892
Stddev	.0006490	.0010065	.0009494	.001088	.0015349	.3665
%RSD	1.558861	9.845804	1.122160	22.44463	55.91863	.2430767

#1	.0421959	.0110702	.0839788	-.004700	.0009730	151.0591
#2	.0409214	.0104870	.0841301	-.006005	.0036646	150.9365
#3	.0417715	.0091101	.0856935	-.003844	.0035972	150.3719

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.548468	.0129241	-.002632	47.09284	.1826661	.1454777
Stddev	.000988	.0002458	.000198	.07388	.0002433	.0004274
%RSD	.0638308	1.902244	7.540989	.1568826	.1331726	.2938136

#1	1.548837	.0128483	-.002735	47.10664	.1825532	.1457866
#2	1.547348	.0131989	-.002758	47.01303	.1829453	.1449899
#3	1.549218	.0127251	-.002403	47.15884	.1824999	.1456567

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2081349	374.7354	4.809732	43.66998	.2139733	-.000230
Stddev	.0022856	.5194	.011083	.02715	.0006376	.000281
%RSD	1.098154	.1385970	.2304389	.0621596	.2979831	122.0217

#1	.2058731	374.2043	4.801959	43.63988	.2132812	-.000189
#2	.2080877	374.7595	4.804813	43.67746	.2141019	-.000529
#3	.2104437	375.2422	4.822423	43.69260	.2145368	.000028

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.138573	.7364861	.6124424	7.388115	F 10.66844	.3608223
Stddev	.233714	.0046489	.0222446	.067239	.02813	.0034112
%RSD	20.52693	.6312203	3.632108	.9100928	.2636353	.9454033

#1	1.402480	.7345007	.6379624	7.353163	10.63690	.3603123
#2	.957762	.7331596	.5971593	7.465631	10.69091	.3576948
#3	1.055477	.7417980	.6022053	7.345550	10.67751	.3644598

Sample Name: K5913-08 Acquired: 11/29/2019 17:05:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNT9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043210	1.272172	6.080822	-.001376	6.546148	.0871302
Stddev	.0004906	.000506	.027968	.000651	.018744	.0003506
%RSD	11.35332	.0397696	.4599429	47.34890	.2863342	.4024122

#1	.0045106	1.272110	6.082020	-.000817	6.528603	.0868687
#2	.0037640	1.271700	6.108172	-.002091	6.543946	.0869931
#3	.0046886	1.272706	6.052274	-.001219	6.565896	.0875286

Elem	Sr4077
Units	ppm
Avg	.4091453
Stddev	.0005976
%RSD	.1460621

#1	.4097593
#2	.4091111
#3	.4085656

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2008.376	4190.368	46372.84	8492.098	3867.261
Stddev	18.129	4.531	293.56	29.301	4.078
%RSD	.9026777	.1081201	.6330476	.3450388	.1054500

#1	1987.721	4193.499	46035.17	8497.673	3871.121
#2	2021.651	4192.432	46567.40	8460.410	3867.666
#3	2015.757	4185.173	46515.96	8518.211	3862.996

Sample Name: K5913-09 Acquired: 11/29/2019 17:09:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNW0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0204370	.0043011	.0912664	-.002176	.0009190	152.6600	1.460300
Stddev	.0031683	.0031800	.0026580	.003471	.0007614	.7048	.004461
%RSD	15.50256	73.93465	2.912311	159.5218	82.84801	.4616655	.3055016

#1	.0204409	.0079396	.0942321	-.004772	.0015642	152.1286	1.456910
#2	.0172668	.0020541	.0904682	.001766	.0000792	152.3918	1.458636
#3	.0236033	.0029095	.0890991	-.003521	.0011135	153.4595	1.465354

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101052	-.000927	46.98161	.2092754	.1391061	.2240318	200.9918
Stddev	.0001945	.000152	.07740	.0009054	.0006839	.0025576	.6575
%RSD	1.924244	16.35775	.1647476	.4326548	.4916613	1.141611	.3271262

#1	.0098822	-.001014	46.96288	.2099210	.1384901	.2269749	201.3650
#2	.0102389	-.001016	46.91530	.2082404	.1389861	.2223482	200.2326
#3	.0101946	-.000752	47.06666	.2096648	.1398421	.2227723	201.3777

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.315567	43.05281	.2322168	.0000494	1.881026	.6920382	.6886786
Stddev	.002836	.15549	.0001218	.0002907	.074993	.0066206	.0103678
%RSD	.2156051	.3611609	.0524297	587.9213	3.986835	.9566792	1.505467

#1	1.318208	43.10749	.2320958	-.000145	1.956592	.6928026	.6907596
#2	1.312569	42.87736	.2322154	.000384	1.806619	.6850686	.6978481
#3	1.315924	43.17357	.2323393	-.000090	1.879868	.6982434	.6774281

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.330203	5.876424	.1970523	.0028797	3.470791	19.03769	-.002941
Stddev	.152799	.028937	.0029857	.0001206	.012735	.18019	.001843
%RSD	1.834282	.4924289	1.515186	4.188895	.3669106	.9464686	62.66759

#1	8.329002	5.851885	.1984446	.0029490	3.471159	18.84329	-.004860
#2	8.178007	5.869052	.1936247	.0029496	3.457876	19.19910	-.002779
#3	8.483599	5.908334	.1990874	.0027404	3.483337	19.07069	-.001184

Sample Name: K5913-09 Acquired: 11/29/2019 17:09:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNW0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.631146	.0965151	.4198024
Stddev	.029267	.0007342	.0015341
%RSD	.3390871	.7606584	.3654441

#1	8.641869	.0973628	.4191009
#2	8.653538	.0960953	.4215619
#3	8.598029	.0960872	.4187445

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1998.630	4203.717	46289.25	8508.920	3884.411
Stddev	6.114	6.348	72.06	29.213	5.922
%RSD	.3058886	.1509994	.1556734	.3433170	.1524474

#1	2002.170	4197.536	46346.75	8532.866	3881.347
#2	1991.571	4210.219	46208.41	8476.372	3891.237
#3	2002.150	4203.395	46312.59	8517.521	3880.649

Sample Name: K5913-10 Acquired: 11/29/2019 17:13:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNW1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0204955	.0040016	.0960161	-.003317	.0015149	179.6928	1.823299
Stddev	.0022312	.0012456	.0015069	.004357	.0020725	.7346	.003773
%RSD	10.88621	31.12644	1.569427	131.3570	136.8053	.4088145	.2069255

#1	.0205786	.0027006	.0966281	-.001823	.0008718	178.8448	1.818999
#2	.0226840	.0051831	.0971207	-.008224	-.000160	180.1328	1.824844
#3	.0182240	.0041213	.0942995	.000096	.003833	180.1009	1.826055

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0119458	-.001357	51.03189	.2135339	.1511947	.2462177	295.0765
Stddev	.0000781	.000054	.17684	.0005224	.0004294	.0008545	.9640
%RSD	.6538625	3.960274	.3465280	.2446322	.2839710	.3470477	.3266875

#1	.0119155	-.001418	50.84055	.2129372	.1510176	.2469392	294.1659
#2	.0118874	-.001316	51.06579	.2139085	.1508822	.2452741	294.9773
#3	.0120345	-.001339	51.18933	.2137561	.1516843	.2464399	296.0862

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.717613	50.16682	.2747464	-.000082	1.855725	.7516558	.7234511
Stddev	.010554	.16386	.0005986	.000122	.156317	.0020716	.0019264
%RSD	.2237141	.3266298	.2178669	148.7676	8.423482	.2756011	.2662772

#1	4.715596	49.99585	.2741477	-.000170	2.017146	.7515513	.7256548
#2	4.708214	50.32249	.2747468	-.000132	1.844961	.7537776	.7220870
#3	4.729031	50.18212	.2753448	.000057	1.705069	.7496384	.7226115

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.348342	7.378347	.2864824	.0022643	1.027785	22.73637	-.003656
Stddev	.029428	.039107	.0008178	.0001264	.008609	.17056	.000772
%RSD	.3525024	.5300173	.2854656	5.580921	.8376529	.7501564	21.12697

#1	8.331383	7.349407	.2872752	.0023587	1.018831	22.63517	-.004055
#2	8.382323	7.362796	.2856417	.0023135	1.028521	22.64064	-.002766
#3	8.331322	7.422836	.2865303	.0021208	1.036002	22.93329	-.004147

Sample Name: K5913-10 Acquired: 11/29/2019 17:13:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNW1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	9.422134	.1085422	.4682215
Stddev	.037677	.0005024	.0019718
%RSD	.3998793	.4628129	.4211226

#1	9.458480	.1084473	.4696038
#2	9.383253	.1090852	.4659636
#3	9.424669	.1080940	.4690973

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2011.014	4238.890	46569.06	8581.654	3832.680
Stddev	8.870	6.822	127.17	46.180	3.753
%RSD	.4410907	.1609463	.2730750	.5381290	.0979329

#1	2014.220	4245.868	46510.36	8619.058	3836.241
#2	2000.986	4238.568	46481.84	8595.866	3833.039
#3	2017.835	4232.235	46714.97	8530.038	3828.760

Sample Name: K5913-11 Acquired: 11/29/2019 17:17:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNW2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073480	.0073357	.0628402	-.003915	.0027617	129.5958	1.264342
Stddev	.0013071	.0024766	.0022642	.001934	.0016155	.6297	.001180
%RSD	17.78844	33.76136	3.603100	49.38788	58.49490	.4859098	.0933508

#1	.0069758	.0101892	.0602870	-.001741	.0039365	129.1225	1.263415
#2	.0062674	.0057456	.0646041	-.004564	.0034293	129.3544	1.263940
#3	.0088009	.0060722	.0636296	-.005441	.0009195	130.3105	1.265670

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089333	-.000814	43.33168	.1556119	.1218061	.3016991	233.3129
Stddev	.0000317	.000028	.06393	.0003714	.0005083	.0034144	.2550
%RSD	.3551812	3.389902	.1475427	.2386649	.4173290	1.131735	.1092817

#1	.0089109	-.000815	43.26028	.1555690	.1218581	.3047800	233.2172
#2	.0089696	-.000841	43.35113	.1560029	.1212737	.3022893	233.1197
#3	.0089195	-.000786	43.38363	.1552639	.1222864	.2980280	233.6019

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.700021	42.03751	.2042727	-.000112	2.961243	.6538950	.6130609
Stddev	.002854	.02972	.0009590	.000035	.071329	.0013484	.0074791
%RSD	.1057205	.0706906	.4694758	31.25483	2.408738	.2062047	1.219965

#1	2.701746	42.05842	.2038988	-.000087	3.022963	.6554445	.6215269
#2	2.701591	42.00350	.2035569	-.000152	2.977615	.6532517	.6103051
#3	2.696727	42.05063	.2053623	-.000098	2.883152	.6529887	.6073506

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.313547	7.120646	.2260224	.0015359	2.990071	5.634984	-.001534
Stddev	.044031	.026528	.0009151	.0002543	.013461	.072470	.001103
%RSD	.6020422	.3725439	.4048601	16.55872	.4501998	1.286071	71.93187

#1	7.326488	7.148937	.2270763	.0012618	2.983503	5.561228	-.000265
#2	7.264496	7.096330	.2254293	.0017642	2.981155	5.637630	-.002264
#3	7.349657	7.116672	.2255616	.0015816	3.005556	5.706095	-.002073

Sample Name: K5913-11 Acquired: 11/29/2019 17:17:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNW2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.939776	.0778433	.3959760
Stddev	.026308	.0004004	.0008721
%RSD	.2942848	.5142992	.2202306

#1	8.929730	.0774487	.3950020
#2	8.969627	.0778320	.3966845
#3	8.919971	.0782491	.3962414

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1927.557	4050.051	44519.70	8184.875	3887.639
Stddev	3.292	3.738	117.84	83.282	3.758
%RSD	.1707944	.0923005	.2646870	1.017511	.0966762

#1	1923.761	4054.122	44597.88	8279.361	3890.056
#2	1929.628	4049.260	44384.16	8153.132	3889.552
#3	1929.282	4046.772	44577.05	8122.133	3883.309

Sample Name: CCV082 Acquired: 11/29/2019 17:21:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV082 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.959824	4.967448	24.92597	5.095626	4.909227	421.9866	10.36841
Stddev	.013215	.022306	.04354	.004086	.012089	2.0190	.04017
%RSD	.2664361	.4490426	.1746750	.0801837	.2462544	.4784427	.3873926

#1	4.970305	4.942630	24.87994	5.090910	4.921845	423.7055	10.40927
#2	4.944979	4.985824	24.93149	5.098111	4.897747	422.4910	10.32897
#3	4.964188	4.973889	24.96649	5.097856	4.908089	419.7632	10.36698

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5208317	2.563720	423.7790	15.38578	2.541818	14.73709	424.9327
Stddev	.0049907	.006014	2.0682	.04639	.005640	.01551	2.6834
%RSD	.9582218	.2345663	.4880411	.3015387	.2218879	.1052500	.6314953

#1	.5155907	2.557263	425.3414	15.43622	2.535970	14.72937	426.7000
#2	.5213769	2.564737	421.4337	15.34493	2.542262	14.75495	421.8449
#3	.5255274	2.569160	424.5621	15.37618	2.547223	14.72695	426.2532

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.35915	418.1438	2.559213	1.341554	419.7493	2.604259	16.41247
Stddev	.07993	2.6502	.005457	.008038	2.8981	.013940	.08612
%RSD	.5204153	.6338128	.2132445	.5991338	.6904428	.5352710	.5247123

#1	15.40255	419.8739	2.552990	1.340221	422.6322	2.617175	16.40986
#2	15.26691	415.0926	2.563186	1.334266	416.8362	2.589482	16.32768
#3	15.40800	419.4647	2.561463	1.350175	419.7796	2.606119	16.49986

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	160.3443	5.165825	5.405486	4.919252	5.323916	5.081913	5.017678
Stddev	1.2157	.019796	.048099	.011327	.026695	.055582	.014550
%RSD	.7581897	.3832067	.8898121	.2302661	.5014125	1.093731	.2899741

#1	161.2466	5.143908	5.354758	4.924816	5.294796	5.023678	5.001567
#2	158.9618	5.182406	5.411268	4.906219	5.329723	5.087666	5.029860
#3	160.8245	5.171161	5.450432	4.926722	5.347230	5.134396	5.021608

Sample Name: CCV082 Acquired: 11/29/2019 17:21:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV082 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.887875	5.090199	5.026107
Stddev	.027493	.002786	.010113
%RSD	.5624693	.0547401	.2012127

#1	4.865533	5.086996	5.019039
#2	4.918578	5.091534	5.037691
#3	4.879514	5.092066	5.021591

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1404.472	3012.725	34624.65	6644.725	3176.600
Stddev	11.787	5.959	301.74	4.464	4.975
%RSD	.8392169	.1977992	.8714606	.0671813	.1566017

#1	1402.109	3011.558	34336.56	6647.624	3182.137
#2	1417.262	3019.181	34938.40	6646.967	3175.156
#3	1394.047	3007.436	34598.97	6639.585	3172.507

Sample Name: CCB082 Acquired: 11/29/2019 17:25:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB082 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000589	.0009275	.0013707	.0007432	.0015685	.0342380	-.002390
Stddev	.001427	.0008318	.0014115	.0056568	.0001338	.0043726	.000660
%RSD	242.2130	89.67960	102.9784	761.1491	8.532885	12.77129	27.62972

#1	.000857	.0018848	.0002345	-.002691	.0014204	.0383832	-.002566
#2	-.000629	.0005168	.0029509	.007272	.0016043	.0346621	-.001660
#3	-.001996	.0003810	.0009269	-.002351	.0016808	.0296688	-.002945

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000278	.0000931	.0273075	.0004911	.0001324	-.000675	.0474242
Stddev	.0000720	.0000342	.0053085	.0001471	.0000901	.000915	.0102568
%RSD	258.5984	36.73799	19.43983	29.96174	68.07046	135.4672	21.62774

#1	.0000937	.0001266	.0227772	.0006610	.0001483	.000169	.0365637
#2	-.000049	.0000943	.0259967	.0004066	.0000354	-.001648	.0487632
#3	.000039	.0000583	.0331486	.0004057	.0002135	-.000547	.0569457

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014466	.0212105	.0002208	-.000006	-.623166	-.001947	.0002223
Stddev	.0002360	.0271346	.0004643	.000281	.225837	.000789	.0045602
%RSD	16.31481	127.9301	210.2776	4650.858	36.24019	40.54124	2051.302

#1	.0017029	.0495542	-.000056	.000306	-.575231	-.001698	-.002536
#2	.0013988	-.004527	-.000039	-.000084	-.869122	-.001313	.005486
#3	.0012382	.018604	.000757	-.000240	-.425146	-.002831	-.002283

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.015857	.0040970	.0049612	.0008188	-.004632	.0026989	-.000262
Stddev	.094026	.0022403	.0015156	.0002107	.002004	.0007438	.000355
%RSD	592.9493	54.68075	30.54829	25.72944	43.25897	27.56054	135.4874

#1	.090648	.0066839	.0061998	.0010602	-.006041	.0035010	-.000618
#2	-.050848	.0028176	.0054126	.0006720	-.005516	.0020319	.000091
#3	-.087371	.0027897	.0032712	.0007242	-.002338	.0025636	-.000258

Sample Name: CCB082 Acquired: 11/29/2019 17:25:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB082 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000253	-.005156	.0003801
Stddev	.001065	.001046	.0000353
%RSD	420.6694	20.29479	9.286723

#1	.000830	-.005335	.0003606
#2	-.000291	-.004032	.0003589
#3	-.001298	-.006102	.0004209

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1687.416	3503.464	38682.13	6906.207	4053.279
Stddev	3.659	4.318	146.52	25.008	6.582
%RSD	.2168324	.1232467	.3787825	.3621045	.1623912

#1	1691.013	3498.803	38851.23	6923.232	4052.754
#2	1683.699	3504.263	38593.01	6877.496	4046.975
#3	1687.536	3507.327	38602.14	6917.893	4060.108

Sample Name: K5913-12 Acquired: 11/29/2019 17:29:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNW3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086909	.0065486	.0420501	-.007526	.0001672	66.45454	.9439704
Stddev	.0023069	.0011450	.0014087	.001578	.0025230	.12070	.0043911
%RSD	26.54394	17.48424	3.349971	20.96100	1508.669	.1816211	.4651735

#1	.0061235	.0069119	.0428542	-.008567	.0000340	66.35284	.9443354
#2	.0093599	.0052661	.0428726	-.008300	.0027542	66.58792	.9481677
#3	.0105895	.0074679	.0404235	-.005711	-.002287	66.42288	.9394082

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046613	-.000469	115.3622	.1326016	.0793750	.0856293	178.0677
Stddev	.0000079	.000112	.4586	.0005934	.0001045	.0005202	.7336
%RSD	.1697958	23.82939	.3975715	.4474862	.1317184	.6075492	.4119676

#1	.0046542	-.000369	115.2851	.1326972	.0793323	.0854909	177.9638
#2	.0046698	-.000448	115.8545	.1331414	.0792985	.0851923	178.8477
#3	.0046599	-.000590	114.9470	.1319663	.0794941	.0862048	177.3917

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.607806	31.25601	.1412215	-.000399	2.353310	.5483214	.6422349
Stddev	.008937	.12048	.0009474	.000254	.021627	.0044858	.0157002
%RSD	.3426902	.3854493	.6708843	63.72532	.9189850	.8180892	2.444621

#1	2.608015	31.13879	.1420690	-.000276	2.328535	.5451276	.6584359
#2	2.616635	31.37950	.1413968	-.000229	2.368409	.5534498	.6411800
#3	2.598766	31.24976	.1401987	-.000691	2.362985	.5463867	.6270887

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.876865	5.884421	.1714777	.0002142	.9499691	6.823365	-.004364
Stddev	.061744	.003633	.0012838	.0005956	.0049094	.051133	.000184
%RSD	1.050626	.0617471	.7486581	278.1088	.5167970	.7493789	4.218497

#1	5.843813	5.881731	.1716747	-.000460	.9472043	6.840824	-.004535
#2	5.838684	5.882979	.1726515	.000668	.9556374	6.765790	-.004169
#3	5.948100	5.885555	.1701067	.000435	.9470655	6.863483	-.004389

Sample Name: K5913-12 Acquired: 11/29/2019 17:29:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNW3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	9.412769	.0376351	.3817513
Stddev	.034560	.0006705	.0003341
%RSD	.3671612	1.781634	.0875223

#1	9.431463	.0370675	.3821355
#2	9.433957	.0383749	.3815281
#3	9.372889	.0374628	.3815905

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1780.171	3741.516	41369.99	7572.223	3883.841
Stddev	1.459	3.956	53.93	26.345	1.052
%RSD	.0819336	.1057302	.1303715	.3479202	.0270897

#1	1781.474	3743.360	41409.78	7569.095	3883.354
#2	1778.595	3744.214	41308.60	7599.993	3883.121
#3	1780.443	3736.975	41391.58	7547.581	3885.049

Sample Name: K5913-13 Acquired: 11/29/2019 17:33:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNW4 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113116	.0051871	.0589339	-.004048	.0010640	71.03022	.8607724
Stddev	.0009931	.0021584	.0012120	.004799	.0009281	.70851	.0052085
%RSD	8.779484	41.61043	2.056478	118.5530	87.22326	.9974732	.6051008

#1	.0101650	.0028355	.0580323	-.002390	.0018569	71.83385	.8664516
#2	.0118686	.0056480	.0603117	-.009455	.0012920	70.76115	.8596472
#3	.0119011	.0070778	.0584579	-.000297	.0000432	70.49567	.8562185

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041195	.0005935	35.50656	.0907399	.0685622	.1373707	152.5178
Stddev	.0000781	.0001771	.18086	.0004219	.0002056	.0030035	1.0686
%RSD	1.895011	29.83437	.5093657	.4649358	.2998148	2.186448	.7006166

#1	.0041594	.0005054	35.69517	.0907160	.0684973	.1345723	153.6926
#2	.0040295	.0004779	35.48993	.0903305	.0683969	.1369957	152.2570
#3	.0041695	.0007974	35.33460	.0911733	.0687924	.1405442	151.6038

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.100635	28.17126	.1152555	.0000846	3.073316	.4017205	.7880309
Stddev	.011371	.17849	.0002042	.0004065	.215886	.0068109	.0027236
%RSD	.3667468	.6335898	.1771690	480.5962	7.024520	1.695424	.3456245

#1	3.107896	28.37685	.1154482	.0002150	3.316915	.4088359	.7859988
#2	3.106479	28.08103	.1150415	.0004099	2.905678	.4010638	.7911257
#3	3.087530	28.05590	.1152768	-.000371	2.997356	.3952617	.7869682

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.282974	5.527927	.1437536	.0005045	1.830437	15.99724	-.000359
Stddev	.098326	.007637	.0035248	.0000639	.012890	.05828	.002131
%RSD	1.564963	.1381588	2.451978	12.67713	.7042218	.3642888	593.0729

#1	6.392514	5.534832	.1477390	.0004329	1.827530	16.01233	.001946
#2	6.202344	5.519724	.1410456	.0005246	1.819249	15.93290	-.002257
#3	6.254063	5.529227	.1424762	.0005559	1.844533	16.04649	-.000768

Sample Name: K5913-13 Acquired: 11/29/2019 17:33:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNW4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.654445	.0348939	.2957287
Stddev	.057715	.0012875	.0009961
%RSD	.7540102	3.689647	.3368245

#1	7.587852	.0355601	.2946033
#2	7.690005	.0334098	.2960859
#3	7.685478	.0357118	.2964970

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1791.291	3783.160	41520.20	7512.714	3973.224
Stddev	11.579	1.403	128.63	17.797	5.917
%RSD	.6464097	.0370784	.3098121	.2368917	.1489282

#1	1791.628	3781.553	41587.42	7526.484	3969.759
#2	1779.547	3784.142	41371.88	7519.039	3980.056
#3	1802.698	3783.783	41601.29	7492.618	3969.856

Sample Name: K5913-14 Acquired: 11/29/2019 17:37:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNW5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098063	.0062493	.0441780	-.003027	.0013916	97.07149	1.109098
Stddev	.0020537	.0028405	.0005880	.003490	.0010773	.33808	.002954
%RSD	20.94215	45.45324	1.330902	115.2990	77.41189	.3482774	.2663187

#1	.0084203	.0087094	.0441426	.000528	.0026335	97.27964	1.111960
#2	.0121657	.0031406	.0436086	-.003161	.0007084	97.25343	1.109274
#3	.0088330	.0068979	.0447829	-.006448	.0008331	96.68141	1.106060

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073119	-.001932	39.61914	.1454956	.0801372	.1478006	224.5891
Stddev	.0001336	.000060	.09704	.0011750	.0002133	.0021339	.6168
%RSD	1.827391	3.109230	.2449302	.8075991	.2662110	1.443760	.2746353

#1	.0073903	-.001911	39.70413	.1441444	.0803666	.1465274	224.6184
#2	.0073877	-.002000	39.63988	.1460650	.0799448	.1502641	225.1908
#3	.0071576	-.001886	39.51340	.1462775	.0801002	.1466103	223.9582

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.751335	32.59969	.1548119	-.000519	2.273621	.5984277	.4402395
Stddev	.001678	.05374	.0008767	.000100	.114572	.0052181	.0102721
%RSD	.0957866	.1648557	.5663123	19.28000	5.039206	.8719640	2.333292

#1	1.752956	32.55630	.1539592	-.000466	2.173650	.6012391	.4510925
#2	1.751444	32.58295	.1557108	-.000635	2.248564	.6016373	.4389571
#3	1.749606	32.65981	.1547658	-.000456	2.398648	.5924068	.4306688

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.319856	6.496718	.2108977	.0004870	.2631410	19.20690	-.001666
Stddev	.037696	.018248	.0046275	.0000708	.0039302	.08650	.001652
%RSD	.7085827	.2808869	2.194211	14.54357	1.493568	.4503432	99.14791

#1	5.363161	6.475814	.2079947	.0005213	.2652963	19.24222	-.003562
#2	5.302006	6.509467	.2162342	.0004056	.2655221	19.27014	-.000537
#3	5.294400	6.504873	.2084642	.0005343	.2586047	19.10833	-.000900

Sample Name: K5913-14 Acquired: 11/29/2019 17:37:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNW5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	9.146220	.0528881	.3398228
Stddev	.014833	.0010183	.0002977
%RSD	.1621719	1.925386	.0876017

#1	9.137621	.0518947	.3401552
#2	9.137693	.0528401	.3397325
#3	9.163348	.0539296	.3395808

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1841.295	3881.850	42644.46	7793.499	3917.908
Stddev	13.456	8.284	166.02	17.094	8.480
%RSD	.7307704	.2134086	.3893149	.2193309	.2164428

#1	1828.872	3891.416	42540.30	7809.535	3926.819
#2	1855.587	3876.994	42835.91	7775.515	3909.937
#3	1839.424	3877.142	42557.16	7795.448	3916.968

Sample Name: K5913-15 Acquired: 11/29/2019 17:41:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNW6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122653	.0048066	.0982256	.0010477	.0007468	171.5086	1.722227
Stddev	.0033576	.0041574	.0006634	.0015730	.0006784	.7668	.003516
%RSD	27.37528	86.49517	.6753594	150.1338	90.83137	.4470666	.2041639

#1	.0083938	.0096072	.0986839	.0016222	.0002278	170.7221	1.718714
#2	.0143809	.0023956	.0974649	.0022528	.0004983	172.2539	1.725746
#3	.0140212	.0024170	.0985281	-.000732	.0015144	171.5497	1.722222

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105176	-.001035	44.30373	.2110364	.0901272	.2103092	222.5297
Stddev	.0001360	.000071	.10735	.0007037	.0003773	.0013635	1.2016
%RSD	1.293394	6.825172	.2422971	.3334602	.4186366	.6483180	.5399931

#1	.0106183	-.000970	44.19172	.2116663	.0901803	.2116297	221.3688
#2	.0105716	-.001024	44.40570	.2102769	.0897262	.2089065	223.7683
#3	.0103628	-.001110	44.31378	.2111660	.0904752	.2103913	222.4520

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.706289	39.53359	.2059706	.0003300	1.371863	.6945412	.6697330
Stddev	.007037	.24157	.0006775	.0000114	.203569	.0064941	.0026268
%RSD	.4124334	.6110569	.3289145	3.455628	14.83886	.9350237	.3922167

#1	1.699858	39.26460	.2051897	.0003392	1.277025	.6893553	.6718130
#2	1.713806	39.73206	.2063213	.0003172	1.605547	.7018250	.6667812
#3	1.705204	39.60411	.2064007	.0003335	1.233017	.6924434	.6706049

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.170802	5.875378	.2110128	.0019251	1.689655	21.03902	-.003022
Stddev	.035056	.016354	.0033877	.0001965	.012022	.22185	.000877
%RSD	.5680952	.2783485	1.605469	10.20505	.7114775	1.054493	29.00505

#1	6.130976	5.871842	.2080710	.0017125	1.678138	21.08792	-.002113
#2	6.196987	5.861082	.2147167	.0019627	1.688702	21.23234	-.003861
#3	6.184444	5.893211	.2102506	.0021000	1.702125	20.79679	-.003092

Sample Name: K5913-15 Acquired: 11/29/2019 17:41:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNW6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.009068	.0948476	.3863300
Stddev	.039599	.0014104	.0007680
%RSD	.4944224	1.487066	.1987932

#1	8.054012	.0934679	.3870116
#2	7.979312	.0962869	.3854979
#3	7.993880	.0947879	.3864804

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1993.322	4177.459	45837.46	8411.837	3859.287
Stddev	10.626	2.229	153.13	14.138	3.286
%RSD	.5330926	.0533503	.3340620	.1680693	.0851532

#1	1982.973	4175.746	45777.65	8396.214	3862.027
#2	1992.788	4179.979	46011.46	8415.550	3860.189
#3	2004.205	4176.652	45723.26	8423.748	3855.643

Sample Name: K5913-16 Acquired: 11/29/2019 17:45:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNW7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0166202	.0062640	.0446210	-.003502	.0024026	104.6375	1.190475
Stddev	.0028689	.0013218	.0022611	.003122	.0016553	.3826	.002448
%RSD	17.26153	21.10113	5.067445	89.13190	68.89819	.3656519	.2056487

#1	.0159930	.0047399	.0467923	-.006524	.0031716	104.2890	1.187801
#2	.0141168	.0070960	.0447910	-.003694	.0035335	105.0469	1.191019
#3	.0197508	.0069561	.0422796	-.000289	.0005026	104.5765	1.192606

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058187	-.001043	28.61160	.1058264	.0951263	.1239860	187.5539
Stddev	.0000527	.000042	.10358	.0006339	.0000986	.0004171	.2576
%RSD	.9052880	4.012050	.3620135	.5989743	.1036378	.3363976	.1373541

#1	.0057883	-.001006	28.53110	.1053594	.0951782	.1235078	187.4634
#2	.0057883	-.001034	28.57526	.1065480	.0951882	.1241752	187.3537
#3	.0058795	-.001088	28.72846	.1055718	.0950126	.1242748	187.8445

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.322614	28.41183	.1354724	-.000475	.4663152	.6451542	.6633602
Stddev	.008348	.06153	.0003863	.000122	.1564902	.0072590	.0068965
%RSD	.3594382	.2165811	.2851642	25.59430	33.55889	1.125160	1.039628

#1	2.322061	28.36778	.1359130	-.000449	.6467001	.6489904	.6556460
#2	2.314557	28.38556	.1351916	-.000369	.3853492	.6496902	.6655059
#3	2.331226	28.48213	.1353126	-.000608	.3668962	.6367819	.6689288

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.028157	6.923438	.1740191	.0013879	2.261664	7.923782	-.005781
Stddev	.051271	.005430	.0024438	.0001418	.013398	.039502	.001215
%RSD	1.272812	.0784330	1.404330	10.21342	.5923802	.4985265	21.01599

#1	4.084597	6.924130	.1760492	.0012569	2.261148	7.895524	-.006626
#2	3.984457	6.917695	.1713067	.0013684	2.248531	7.968920	-.006328
#3	4.015418	6.928490	.1747014	.0015384	2.275311	7.906903	-.004389

Sample Name: K5913-16 Acquired: 11/29/2019 17:45:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNW7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	11.63955	.0934232	.2406671
Stddev	.05064	.0019759	.0007527
%RSD	.4350404	2.115047	.3127650

#1	11.61428	.0952049	.2398595
#2	11.60651	.0912980	.2407925
#3	11.69784	.0937666	.2413492

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1803.062	3816.689	41545.19	7571.383	3945.995
Stddev	3.564	1.824	210.71	30.585	2.726
%RSD	.1976650	.0477870	.5071736	.4039607	.0690829

#1	1800.090	3818.138	41408.63	7600.655	3944.895
#2	1807.013	3817.288	41787.85	7539.634	3949.099
#3	1802.083	3814.641	41439.08	7573.860	3943.990

Sample Name: K5913-17 Acquired: 11/29/2019 17:49:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNW8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103537	.0048685	.0464307	-.003966	.0015661	58.43310	.4284659
Stddev	.0020089	.0001472	.0010261	.004695	.0009575	.14048	.0013084
%RSD	19.40292	3.023657	2.209969	118.3897	61.13849	.2404135	.3053627

#1	.0109044	.0049928	.0456808	-.003612	.0010337	58.27789	.4269899
#2	.0081268	.0049066	.0460113	-.008828	.0009931	58.46984	.4294828
#3	.0120297	.0047059	.0476001	.000542	.0026715	58.55155	.4289252

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032157	.0015009	31.57758	.0552079	.0473582	.2101251	117.8643
Stddev	.0000348	.0001011	.01848	.0005964	.0001507	.0003610	.3759
%RSD	1.083334	6.737495	.0585343	1.080201	.3181182	.1717958	.3188874

#1	.0032133	.0013936	31.55874	.0558423	.0475241	.2101721	117.5135
#2	.0031822	.0015945	31.59568	.0546587	.0473209	.2097430	117.8185
#3	.0032517	.0015145	31.57831	.0551227	.0472298	.2104603	118.2610

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.747752	20.43021	.0736893	.0002266	3.807703	.3157997	.5956472
Stddev	.006045	.07804	.0007156	.0003681	.133473	.0022574	.0077609
%RSD	.3459004	.3819702	.9710996	162.4760	3.505334	.7148245	1.302930

#1	1.741928	20.40280	.0736093	.0001009	3.918430	.3169378	.5899403
#2	1.747332	20.36958	.0730170	.0006411	3.845181	.3131998	.6044844
#3	1.753997	20.51826	.0744415	-.000062	3.659498	.3172615	.5925170

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.987601	4.923854	.1091186	.0011539	4.041681	13.36924	.0036603
Stddev	.011737	.014598	.0021568	.0000843	.010178	.09260	.0012919
%RSD	.2943396	.2964759	1.976553	7.305972	.2518178	.6926580	35.29511

#1	3.992812	4.912408	.1078437	.0012511	4.041653	13.46219	.0047957
#2	3.974161	4.918859	.1079032	.0011006	4.031517	13.27699	.0022546
#3	3.995831	4.940293	.1116088	.0011101	4.051873	13.36854	.0039306

Sample Name: K5913-17 Acquired: 11/29/2019 17:49:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNW8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.736220	.0131142	.2431957
Stddev	.000952	.0002460	.0003176
%RSD	.0165914	1.876123	.1305815

#1	5.736602	.0131350	.2430808
#2	5.736922	.0128584	.2429515
#3	5.735137	.0133492	.2435547

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1772.543	3738.280	40827.37	7396.365	3999.120
Stddev	6.329	7.147	185.42	41.822	6.955
%RSD	.3570325	.1911734	.4541463	.5654429	.1739180

#1	1766.160	3730.216	40696.97	7350.191	3997.663
#2	1778.815	3743.829	40745.52	7407.201	4006.688
#3	1772.654	3740.796	41039.63	7431.703	3993.009

Sample Name: K5913-18 Acquired: 11/29/2019 17:53:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNW9 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124511	.0066968	.0686023	-.001626	.0006693	71.00218	1.112602
Stddev	.0025965	.0020236	.0011929	.001872	.0013271	.42541	.002717
%RSD	20.85318	30.21741	1.738838	115.0958	198.2631	.5991467	.2442246

#1	.0148524	.0064538	.0697385	-.003682	.0019211	70.58536	1.110883
#2	.0096958	.0088310	.0673599	-.000021	.0008090	70.98550	1.111189
#3	.0128052	.0048057	.0687084	-.001176	-.000722	71.43568	1.115735

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049476	.0011963	35.15292	.1032842	.0808725	.1272841	161.4995
Stddev	.0000290	.0000820	.05328	.0007073	.0004751	.0004764	1.0212
%RSD	.5863374	6.853943	.1515753	.6847973	.5875253	.3742555	.6323060

#1	.0049445	.0012497	35.14608	.1038765	.0807434	.1275434	160.3301
#2	.0049203	.0011019	35.10339	.1034749	.0804753	.1267344	161.9531
#3	.0049781	.0012373	35.20929	.1025011	.0813989	.1275746	162.2154

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.185168	29.63452	.1238857	.0002630	1.615607	.3937646	.8078090
Stddev	.015366	.18825	.0006998	.0003646	.176193	.0021728	.0156442
%RSD	.4824368	.6352479	.5648757	138.6211	10.90567	.5517938	1.936624

#1	3.167823	29.42388	.1231948	.0002425	1.626208	.3915434	.7929848
#2	3.197080	29.69333	.1245941	-.000091	1.434353	.3938649	.8062811
#3	3.190601	29.78635	.1238682	.000637	1.786261	.3958854	.8241612

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.648308	5.806995	.1522065	-.000251	1.881895	7.354353	.0001576
Stddev	.071378	.004027	.0041957	.000381	.008761	.058552	.0008785
%RSD	1.073626	.0693498	2.756609	151.6534	.4655162	.7961550	557.3683

#1	6.606431	5.811451	.1480799	.000076	1.891417	7.372789	.0010120
#2	6.730725	5.805920	.1520714	-.000669	1.880091	7.401469	-.000743
#3	6.607769	5.803614	.1564681	-.000161	1.874177	7.288802	.000204

Sample Name: K5913-18 Acquired: 11/29/2019 17:53:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNW9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.213286	.0327499	.3010192
Stddev	.041345	.0008412	.0002773
%RSD	.5731766	2.568712	.0921229

#1	7.253642	.0332688	.3010268
#2	7.215197	.0317793	.3007381
#3	7.171019	.0332017	.3012925

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1811.483	3816.549	41707.05	7587.155	3949.147
Stddev	14.347	5.053	173.36	14.837	6.747
%RSD	.7920108	.1323928	.4156499	.1955570	.1708433

#1	1796.112	3810.989	41514.22	7577.122	3941.377
#2	1813.817	3820.861	41756.95	7580.145	3953.526
#3	1824.520	3817.796	41849.99	7604.198	3952.537

Sample Name: K5913-19 Acquired: 11/29/2019 17:57:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNX0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070572	.0065474	.0524305	-.002901	.0004219	61.56907	.8953186
Stddev	.0040967	.0031836	.0021447	.001533	.0017895	.30006	.0046453
%RSD	58.05006	48.62364	4.090546	52.84630	424.1349	.4873523	.5188475

#1	.0047739	.0068620	.0500404	-.004671	.0019790	61.79301	.8998894
#2	.0046110	.0032181	.0541870	-.002031	.0008198	61.22814	.8906021
#3	.0117868	.0095619	.0530641	-.002001	-.001533	61.68605	.8954644

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039041	-.000013	33.22726	.0961764	.0683864	.1026983	148.2651
Stddev	.0001061	.000110	.19252	.0003308	.0000612	.0023598	.7533
%RSD	2.717193	863.2405	.5794098	.3439433	.0894522	2.297796	.5080440

#1	.0039193	-.000010	33.40821	.0964710	.0683491	.1011196	148.9067
#2	.0040018	.000096	33.02495	.0962397	.0683532	.1015643	147.4358
#3	.0037913	-.000125	33.24861	.0958185	.0684570	.1054110	148.4529

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.201880	27.73092	.1138078	.0001263	2.161078	.4188126	.7178911
Stddev	.013380	.13205	.0002898	.0002756	.124429	.0033431	.0140951
%RSD	.4178841	.4761938	.2546473	218.2273	5.757751	.7982337	1.963404

#1	3.209053	27.86989	.1138864	.0000487	2.017412	.4225461	.7324634
#2	3.186443	27.60708	.1134868	-.000102	2.234594	.4160961	.7043274
#3	3.210144	27.71581	.1140501	.000432	2.231228	.4177954	.7168825

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.701520	5.430684	.1323436	.0002955	.9200988	17.21159	.0016516
Stddev	.026006	.036604	.0004503	.0004260	.0015807	.10318	.0008380
%RSD	.4561250	.6740222	.3402811	144.1686	.1717953	.5994644	50.73807

#1	5.729700	5.419848	.1328623	.0003051	.9203188	17.29019	.0024163
#2	5.696417	5.400721	.1321163	-.000135	.9215579	17.24983	.0007558
#3	5.678444	5.471483	.1320523	.000716	.9184196	17.09475	.0017826

Sample Name: K5913-19 Acquired: 11/29/2019 17:57:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNX0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.881906	.0271100	.2904500
Stddev	.032118	.0006292	.0013029
%RSD	.4074846	2.320855	.4485798

#1	7.899024	.0278319	.2913843
#2	7.901839	.0268202	.2910040
#3	7.844855	.0266779	.2889616

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1800.622	3762.975	41364.56	7461.447	3969.292
Stddev	3.833	8.736	100.14	29.385	11.006
%RSD	.2128821	.2321611	.2420848	.3938207	.2772851

#1	1796.208	3754.133	41255.07	7431.647	3958.984
#2	1802.538	3771.601	41451.49	7462.295	3980.884
#3	1803.119	3763.190	41387.14	7490.398	3968.007

Sample Name: K5912-01 Acquired: 11/29/2019 18:01:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNR0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0126642	.0078429	.0666769	-.001597	.0010136	63.92680	1.055524
Stddev	.0004643	.0005374	.0007871	.004339	.0009931	.50919	.006379
%RSD	3.666178	6.852563	1.180518	271.6712	97.98024	.7965137	.6043152

#1	.0129074	.0078683	.0660076	-.005731	-.000133	63.40452	1.049105
#2	.0121288	.0083671	.0664791	.002922	.001612	63.95409	1.055606
#3	.0129564	.0072932	.0675441	-.001982	.001562	64.42180	1.061861

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042150	.0007593	34.02904	.0979071	.0724756	.1097605	146.5617
Stddev	.0000272	.0000366	.21731	.0016109	.0004396	.0025791	1.1676
%RSD	.6456933	4.825730	.6386011	1.645291	.6066046	2.349718	.7966865

#1	.0042023	.0008014	33.82053	.0984258	.0729161	.1070903	145.3081
#2	.0041964	.0007419	34.01238	.0961008	.0720368	.1099538	146.7585
#3	.0042462	.0007346	34.25419	.0991947	.0724739	.1122375	147.6184

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.608255	30.05738	.1231812	.0003595	1.946988	.3852185	.7974444
Stddev	.022476	.17850	.0004246	.0003397	.170911	.0025541	.0087427
%RSD	.6229125	.5938609	.3446803	94.49232	8.778236	.6630361	1.096339

#1	3.589590	29.85606	.1235929	.0005765	1.776357	.3828665	.8071081
#2	3.601970	30.11974	.1227448	.0005341	1.946429	.3879355	.7900839
#3	3.633204	30.19633	.1232059	-.000032	2.118178	.3848534	.7951413

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.398931	5.502953	.1378313	.0000638	1.030414	17.13536	-.000340
Stddev	.146599	.020728	.0006138	.0002287	.001848	.22098	.002168
%RSD	2.290998	.3766626	.4453394	358.2282	.1793173	1.289624	636.8606

#1	6.264278	5.512521	.1377874	-.000189	1.031009	16.89461	-.002130
#2	6.377417	5.479169	.1384659	.000125	1.031890	17.18251	-.000963
#3	6.555099	5.517168	.1372406	.000256	1.028341	17.32897	.002071

Sample Name: K5912-01 Acquired: 11/29/2019 18:01:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNR0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.002808	.0320883	.2891190
Stddev	.010532	.0002558	.0012588
%RSD	.1503913	.7972067	.4353866

#1	7.014874	.0318643	.2904805
#2	6.995462	.0320335	.2888789
#3	6.998089	.0323671	.2879976

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1812.493	3797.965	41553.55	7527.449	3961.688
Stddev	18.824	5.090	376.36	31.100	1.487
%RSD	1.038567	.1340203	.9057171	.4131553	.0375420

#1	1822.220	3803.640	41516.82	7563.127	3963.280
#2	1824.463	3793.802	41946.92	7513.144	3960.333
#3	1790.795	3796.452	41196.90	7506.075	3961.452

Sample Name: K5912-02 Acquired: 11/29/2019 18:05:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNR2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0120576	.0045685	.0672546	-.002492	.0019834	64.11157	1.020264
Stddev	.0037457	.0025439	.0009308	.002626	.0015763	.11812	.003006
%RSD	31.06528	55.68292	1.384002	105.3967	79.47240	.1842414	.2946364

#1	.0157289	.0017698	.0676571	.000396	.0011715	64.19847	1.020001
#2	.0082417	.0051953	.0679165	-.003134	.0009786	63.97708	1.017399
#3	.0122023	.0067404	.0661903	-.004738	.0038002	64.15916	1.023394

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043660	.0020490	31.76670	.0987934	.0757849	.1144427	141.5882
Stddev	.0000931	.0000719	.06206	.0007304	.0003101	.0017706	.2731
%RSD	2.132291	3.510648	.1953632	.7392950	.4091311	1.547159	.1928636

#1	.0042921	.0019778	31.74553	.0996256	.0759269	.1144282	141.7905
#2	.0043353	.0020476	31.71800	.0984952	.0754293	.1162206	141.2776
#3	.0044705	.0021216	31.83658	.0982593	.0759985	.1126795	141.6967

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.486992	28.19718	.1195419	.0001018	1.593291	.3622941	.8894742
Stddev	.002918	.08394	.0003347	.0000449	.161740	.0028825	.0077471
%RSD	.1173276	.2976944	.2800192	44.10124	10.15130	.7956175	.8709779

#1	2.490349	28.25553	.1199198	.0000573	1.742196	.3654694	.8843078
#2	2.485066	28.10098	.1192829	.0001471	1.616461	.3615707	.8857329
#3	2.485561	28.23502	.1194228	.0001011	1.421216	.3598423	.8983819

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.064173	5.068928	.1305758	.0002329	2.032540	15.49052	-.001124
Stddev	.069580	.021216	.0004252	.0002738	.007425	.12423	.000512
%RSD	1.147396	.4185472	.3256485	117.5611	.3652887	.8019569	45.55203

#1	6.138484	5.044674	.1309690	.0005491	2.032231	15.38090	-.000715
#2	6.053472	5.078066	.1306337	.0000795	2.025275	15.46522	-.001698
#3	6.000564	5.084043	.1301245	.0000702	2.040114	15.62545	-.000959

Sample Name: K5912-02 Acquired: 11/29/2019 18:05:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNR2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.603562	.0324868	.2772797
Stddev	.022914	.0005585	.0006292
%RSD	.3469887	1.719238	.2269197

#1	6.577377	.0327386	.2767673
#2	6.613368	.0318468	.2770898
#3	6.619940	.0328752	.2779819

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1800.940	3795.961	41382.34	7488.582	3961.757
Stddev	6.305	2.549	81.21	17.249	5.858
%RSD	.3500992	.0671442	.1962385	.2303366	.1478603

#1	1806.288	3793.618	41411.32	7492.097	3964.970
#2	1802.546	3795.589	41445.09	7503.803	3965.305
#3	1793.988	3798.675	41290.62	7469.847	3954.995

Sample Name: K5912-03 Acquired: 11/29/2019 18:09:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNR3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090586	.0098308	.0656980	-.003868	.0010669	63.29304	.8264026
Stddev	.0006697	.0009126	.0013291	.003011	.0012614	.23338	.0009891
%RSD	7.393457	9.282878	2.023104	77.84972	118.2382	.3687365	.1196851

#1	.0098082	.0108558	.0641707	-.000409	.0016971	63.18727	.8273079
#2	.0088486	.0095298	.0665926	-.005901	-.000385	63.13127	.8253469
#3	.0085191	.0091067	.0663308	-.005295	.001889	63.56059	.8265530

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042501	.0017518	32.93407	.0977351	.0726501	.1801550	151.6305
Stddev	.0001020	.0000534	.04852	.0006844	.0004579	.0007489	.3376
%RSD	2.400611	3.046965	.1473111	.7002437	.6303153	.4156842	.2226340

#1	.0043440	.0018129	32.92814	.0975549	.0724880	.1804445	151.6545
#2	.0041415	.0017142	32.98528	.0971589	.0722952	.1793046	151.2815
#3	.0042649	.0017283	32.88880	.0984916	.0731670	.1807159	151.9554

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.001525	26.45785	.1150886	.0003362	2.045462	.3831246	.8986344
Stddev	.003364	.04691	.0003963	.0001762	.323353	.0008201	.0085248
%RSD	.1680832	.1773025	.3443391	52.39599	15.80829	.2140487	.9486396

#1	2.005113	26.40842	.1148141	.0005351	2.041008	.3840129	.8993733
#2	1.998442	26.46336	.1149087	.0002737	1.724359	.3829644	.8897641
#3	2.001020	26.50176	.1155429	.0001998	2.371019	.3823964	.9067656

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.286002	5.512709	.1396309	.0025597	3.215248	14.21603	-.000597
Stddev	.124055	.010162	.0008403	.0002063	.015889	.07187	.001141
%RSD	2.346865	.1843393	.6018105	8.057493	.4941812	.5055892	190.9167

#1	5.421470	5.519232	.1405507	.0026199	3.203595	14.25463	.000240
#2	5.177945	5.517895	.1389035	.0023300	3.233347	14.13311	-.000136
#3	5.258590	5.501001	.1394384	.0027291	3.208803	14.26037	-.001896

Sample Name: K5912-03 Acquired: 11/29/2019 18:09:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNR3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.666163	.0256252	.2608622
Stddev	.013376	.0006485	.0003558
%RSD	.2006550	2.530808	.1363740

#1	6.681455	.0263412	.2610563
#2	6.656638	.0250772	.2604516
#3	6.660398	.0254571	.2610786

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1803.455	3777.367	41437.89	7509.987	3953.806
Stddev	5.147	7.258	120.67	16.552	8.173
%RSD	.2853822	.1921406	.2912133	.2204065	.2067007

#1	1797.597	3783.579	41301.18	7503.707	3957.052
#2	1807.252	3779.132	41529.58	7528.760	3959.856
#3	1805.515	3769.389	41482.92	7497.493	3944.509

Sample Name: K5912-07 Acquired: 11/29/2019 18:13:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNR5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096750	.0040976	.0373511	-.003117	.0010159	44.93898	.5219178
Stddev	.0017965	.0011429	.0014882	.001282	.0017248	.05989	.0001506
%RSD	18.56853	27.89290	3.984374	41.12014	169.7808	.1332718	.0288499

#1	.0111102	.0028399	.0386655	-.002005	.0020901	44.87671	.5217525
#2	.0102544	.0050727	.0376526	-.004518	-.000974	44.94404	.5219537
#3	.0076603	.0043801	.0357352	-.002828	.001931	44.99618	.5220471

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030226	.0002310	29.00074	.0593591	.0628809	.0678046	122.0056
Stddev	.0000263	.0000495	.07941	.0003427	.0003462	.0034511	.1588
%RSD	.8690723	21.44698	.2738093	.5773020	.5505335	5.089790	.1301901

#1	.0030065	.0002822	28.95203	.0597191	.0624878	.0642500	121.8867
#2	.0030083	.0002276	28.95782	.0593215	.0630147	.0711420	122.1860
#3	.0030529	.0001833	29.09237	.0590368	.0631403	.0680218	121.9441

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.819575	22.31718	.1082891	-.000212	1.852797	.3111774	.6107491
Stddev	.004217	.04955	.0009011	.000125	.112985	.0031233	.0089359
%RSD	.2317461	.2220461	.8321434	59.12224	6.098065	1.003718	1.463112

#1	1.815234	22.33708	.1091881	-.000348	1.919658	.3106716	.6059482
#2	1.823656	22.26077	.1082933	-.000187	1.916387	.3083378	.6052398
#3	1.819835	22.35369	.1073859	-.000101	1.722347	.3145228	.6210593

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.380555	5.579135	.1086087	.0000057	.4722086	10.71407	-.001283
Stddev	.068960	.021543	.0021847	.0002136	.0056285	.13330	.000875
%RSD	2.896824	.3861391	2.011574	3772.065	1.191960	1.244143	68.19769

#1	2.431342	5.597965	.1078309	.0000171	.4747547	10.75824	-.002067
#2	2.302048	5.555642	.1110759	-.000213	.4761142	10.56429	-.000339
#3	2.408275	5.583798	.1069192	.000213	.4657569	10.81967	-.001442

Sample Name: K5912-07 Acquired: 11/29/2019 18:13:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNR5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.467639	.0168422	.1961596
Stddev	.022971	.0003672	.0010292
%RSD	.4201311	2.180022	.5246932

#1	5.492177	.0172007	.1968905
#2	5.446647	.0168590	.1949826
#3	5.464092	.0164670	.1966058

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1777.539	3734.295	41159.81	7393.026	3967.227
Stddev	6.136	3.483	41.16	21.511	7.697
%RSD	.3451931	.0932634	.1000010	.2909577	.1940024

#1	1780.323	3738.094	41206.38	7384.907	3973.316
#2	1781.790	3731.252	41128.31	7417.414	3969.789
#3	1770.505	3733.541	41144.74	7376.755	3958.576

Sample Name: K5912-08 Acquired: 11/29/2019 18:17:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNR6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123426	.0081665	.0582489	-.003744	.0020540	66.08587	.8957128
Stddev	.0027838	.0015073	.0026977	.004611	.0008994	.52683	.0017578
%RSD	22.55413	18.45654	4.631278	123.1412	43.78927	.7971888	.1962481

#1	.0152478	.0080100	.0600709	.000399	.0015890	66.57473	.8976726
#2	.0120813	.0097459	.0595259	-.008712	.0014823	65.52789	.8942753
#3	.0096987	.0067436	.0551498	-.002920	.0030907	66.15498	.8951906

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042882	.0003638	34.01348	.0929623	.0712863	.1350508	149.7278
Stddev	.0000250	.0000967	.10214	.0004258	.0004033	.0025992	.5113
%RSD	.5838993	26.58380	.3003021	.4580625	.5656881	1.924616	.3415117

#1	.0042888	.0003310	34.09973	.0924707	.0709142	.1337015	150.0194
#2	.0043130	.0004727	33.90068	.0931965	.0712298	.1380472	149.1374
#3	.0042629	.0002877	34.04002	.0932196	.0717147	.1334037	150.0266

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.196844	29.64525	.1172666	.0000403	1.953238	.3825153	.7205613
Stddev	.003782	.18720	.0002996	.0002242	.148699	.0029345	.0050628
%RSD	.1182980	.6314571	.2554989	556.5760	7.612931	.7671651	.7026252

#1	3.200566	29.75801	.1169445	-.000117	2.060378	.3841659	.7250973
#2	3.193005	29.42916	.1173184	-.000059	1.783470	.3791271	.7214871
#3	3.196960	29.74858	.1175369	.000297	2.015867	.3842528	.7150994

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.924682	5.629017	.1363084	-.000322	1.603059	14.13855	-.001129
Stddev	.074665	.016789	.0005842	.000519	.001841	.02554	.001488
%RSD	1.260242	.2982621	.4285948	160.9242	.1148244	.1806217	131.8440

#1	5.871647	5.610734	.1365025	-.000857	1.602650	14.16292	-.002817
#2	5.892333	5.632574	.1356518	-.000290	1.601458	14.11198	-.000563
#3	6.010067	5.643743	.1367709	.000179	1.605070	14.14074	-.000007

Sample Name: K5912-08 Acquired: 11/29/2019 18:17:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNR6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.854803	.0330356	.2906241
Stddev	.052795	.0022967	.0004939
%RSD	.7701841	6.952151	.1699344

#1	6.820256	.0356302	.2911186
#2	6.915576	.0312630	.2906226
#3	6.828578	.0322136	.2901309

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1798.181	3764.479	41440.85	7439.524	3949.250
Stddev	5.761	3.227	131.33	9.205	4.841
%RSD	.3203950	.0857304	.3169197	.1237342	.1225755

#1	1797.611	3765.185	41405.68	7437.566	3950.613
#2	1792.726	3767.295	41330.68	7431.455	3953.264
#3	1804.207	3760.957	41586.19	7449.551	3943.874

Sample Name: K5912-09 Acquired: 11/29/2019 18:21:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNR7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0130255	.0059992	.0673864	-.002504	.0018349	74.71320	1.108133
Stddev	.0040495	.0018054	.0011762	.000924	.0010038	.14878	.001594
%RSD	31.08919	30.09371	1.745404	36.91150	54.70702	.1991297	.1438318

#1	.0101064	.0043878	.0660476	-.003320	.0008843	74.69628	1.109723
#2	.0113215	.0079503	.0678582	-.002691	.0028845	74.86971	1.106536
#3	.0176485	.0056593	.0682535	-.001500	.0017358	74.57361	1.108139

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049095	.0014558	34.04033	.1058315	.0791065	.1319279	155.5952
Stddev	.0000756	.0000978	.07139	.0007058	.0001726	.0015823	.3779
%RSD	1.540768	6.718415	.2097272	.6668821	.2181856	1.199371	.2428924

#1	.0048791	.0013852	34.05613	.1050892	.0792473	.1330936	155.6831
#2	.0049956	.0015675	33.96236	.1059114	.0791583	.1301266	155.9215
#3	.0048538	.0014149	34.10250	.1064939	.0789139	.1325634	155.1811

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.598019	29.89574	.1259471	.0005627	1.557559	.3728685	.8027907
Stddev	.007366	.07068	.0006686	.0003822	.442239	.0013709	.0129839
%RSD	.2047263	.2364185	.5308468	67.92918	28.39307	.3676579	1.617349

#1	3.606524	29.96835	.1259181	.0006966	1.754088	.3717641	.8086196
#2	3.593624	29.89169	.1252934	.0001315	1.867471	.3744028	.8118386
#3	3.593911	29.82717	.1266297	.0008600	1.051119	.3724385	.7879137

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.951831	5.368944	.1424292	-.000382	1.958780	8.625307	-.001683
Stddev	.027230	.020642	.0001487	.000214	.001631	.063059	.001318
%RSD	.3916921	.3844671	.1043901	56.11387	.0832646	.7310907	78.27888

#1	6.928323	5.360679	.1423156	-.000135	1.957361	8.554428	-.000622
#2	6.945501	5.392438	.1425975	-.000499	1.958416	8.675186	-.003158
#3	6.981668	5.353715	.1423745	-.000512	1.960562	8.646307	-.001270

Sample Name: K5912-09 Acquired: 11/29/2019 18:21:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNR7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.525722	.0353893	.2940129
Stddev	.025461	.0015347	.0006476
%RSD	.3901703	4.336648	.2202696

#1	6.539438	.0366546	.2946267
#2	6.496343	.0336821	.2933361
#3	6.541384	.0358312	.2940758

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1806.227	3806.841	41688.27	7512.142	3933.935
Stddev	11.350	9.655	182.34	12.286	9.442
%RSD	.6284056	.2536193	.4373915	.1635433	.2400129

#1	1805.148	3795.919	41868.61	7504.366	3923.493
#2	1795.454	3810.364	41504.00	7526.306	3936.439
#3	1818.077	3814.239	41692.20	7505.755	3941.872

Sample Name: K5912-10 Acquired: 11/29/2019 18:25:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNR8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075690	.0052247	.0899880	-.004402	.0005281	73.23041	1.089050
Stddev	.0053051	.0029115	.0003889	.004449	.0011295	.20624	.002441
%RSD	70.08905	55.72573	.4321350	101.0720	213.8983	.2816377	.2241745

#1	.0123952	.0085390	.0896707	-.008191	-.000766	73.36579	1.090289
#2	.0018887	.0030792	.0898715	.000497	.001314	73.33239	1.090624
#3	.0084233	.0040560	.0904218	-.005513	.001036	72.99304	1.086238

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049378	.0020981	37.44019	.1081701	.0828363	.1278792	161.9530
Stddev	.0001013	.0000409	.06939	.0010774	.0008791	.0001210	.6783
%RSD	2.052262	1.948191	.1853322	.9960632	1.061262	.0945818	.4188284

#1	.0048337	.0020640	37.42529	.1069510	.0819905	.1278459	162.7278
#2	.0050361	.0020870	37.51582	.1085646	.0827729	.1280133	161.6656
#3	.0049437	.0021434	37.37947	.1089946	.0837453	.1277784	161.4658

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.399253	30.55296	.1297224	-.000136	1.734932	.4152135	2.989075
Stddev	.012835	.14663	.0005753	.000270	.242262	.0028238	.034804
%RSD	.3775766	.4799369	.4434921	199.1888	13.96376	.6800760	1.164381

#1	3.412675	30.72044	.1299847	-.000328	1.925051	.4171671	2.992914
#2	3.397984	30.49078	.1290627	-.000253	1.817585	.4164976	3.021800
#3	3.387099	30.44767	.1301198	.000173	1.462160	.4119759	2.952510

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.422207	5.922817	.1482137	-.000241	2.004879	11.28298	-.001559
Stddev	.014916	.005272	.0028896	.000244	.004287	.03013	.001202
%RSD	.2322553	.0890133	1.949644	101.2421	.2138195	.2670754	77.13140

#1	6.405445	5.917447	.1512675	-.000523	2.003238	11.24997	-.000172
#2	6.427160	5.927986	.1455224	-.000116	2.001656	11.28994	-.002200
#3	6.434017	5.923019	.1478513	-.000085	2.009744	11.30902	-.002305

Sample Name: K5912-10 Acquired: 11/29/2019 18:25:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNR8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.206124	.0381425	.3037317
Stddev	.026563	.0017811	.0002698
%RSD	.3686224	4.669596	.0888192

#1	7.211609	.0361895	.3034554
#2	7.177247	.0396773	.3037451
#3	7.229518	.0385608	.3039945

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1822.892	3815.183	41715.20	7540.790	3930.318
Stddev	14.116	4.685	301.82	17.818	4.372
%RSD	.7743882	.1227883	.7235268	.2362906	.1112496

#1	1812.488	3820.096	41379.03	7522.798	3935.166
#2	1817.227	3814.687	41803.70	7541.144	3929.115
#3	1838.960	3810.766	41962.88	7558.429	3926.673

Sample Name: K5912-11 Acquired: 11/29/2019 18:29:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNR9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0133479	.0059861	.1873390	-.005041	.0018295	78.49653	1.064010
Stddev	.0039921	.0012516	.0010875	.002669	.0018948	.42946	.002485
%RSD	29.90794	20.90766	.5804727	52.94721	103.5699	.5471029	.2335351

#1	.0163736	.0068983	.1860989	-.003295	.0003154	78.24859	1.064453
#2	.0148468	.0065008	.1881299	-.003715	.0012187	78.24857	1.061334
#3	.0088233	.0045593	.1877882	-.008114	.0039543	78.99242	1.066244

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055226	.0014042	42.24413	.1149489	.0867534	.1395388	182.5572
Stddev	.0001164	.0000455	.11548	.0001177	.0002647	.0025661	.9049
%RSD	2.106887	3.239643	.2733713	.1024321	.3051621	1.838960	.4956816

#1	.0056548	.0014330	42.19404	.1149278	.0864517	.1368297	181.7107
#2	.0054357	.0013517	42.16214	.1148431	.0868613	.1398541	182.4500
#3	.0054773	.0014278	42.37620	.1150757	.0869471	.1419327	183.5110

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.074134	30.67498	.1350563	.0002496	1.790310	.4143559	1.031751
Stddev	.007338	.12989	.0003768	.0003580	.276773	.0053676	.009259
%RSD	.2386912	.4234482	.2789617	143.4375	15.45951	1.295409	.8974238

#1	3.071793	30.53625	.1347930	.0003366	1.602601	.4085132	1.038997
#2	3.068253	30.69496	.1348880	.0005561	1.660162	.4154861	1.021320
#3	3.082357	30.79372	.1354878	-.000144	2.108168	.4190684	1.034937

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.228092	5.886509	.1691674	-.000582	2.212752	19.24432	-.000008
Stddev	.102146	.010727	.0024881	.000455	.004642	.04319	.000230
%RSD	1.640089	.1822350	1.470805	78.21020	.2097722	.2244504	2896.978

#1	6.170205	5.876603	.1683650	-.000718	2.208083	19.22678	.000044
#2	6.168036	5.885020	.1671795	-.000954	2.217366	19.21266	.000192
#3	6.346033	5.897902	.1719577	-.000074	2.212807	19.29353	-.000260

Sample Name: K5912-11 Acquired: 11/29/2019 18:29:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNR9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.015094	.0383648	.3230172
Stddev	.027097	.0006038	.0008035
%RSD	.3862674	1.573808	.2487457

#1	7.042315	.0389830	.3238785
#2	7.014844	.0383348	.3222879
#3	6.988122	.0377765	.3228852

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1817.784	3811.899	41896.06	7623.680	3904.740
Stddev	4.339	3.836	41.12	16.040	3.392
%RSD	.2386910	.1006251	.0981419	.2103957	.0868743

#1	1813.464	3816.326	41934.02	7631.440	3907.166
#2	1817.747	3809.817	41852.38	7634.364	3906.191
#3	1822.141	3809.555	41901.79	7605.236	3900.864

Sample Name: K5912-12 Acquired: 11/29/2019 18:33:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNS0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110443	.0076181	.0700512	-.003490	.0005573	65.17540	.8739786
Stddev	.0010274	.0030882	.0015105	.002928	.0008617	.17830	.0032343
%RSD	9.302691	40.53726	2.156314	83.89127	154.6166	.2735735	.3700639

#1	.0098631	.0046891	.0717928	-.006444	-.000429	65.09401	.8702866
#2	.0115391	.0073213	.0692641	-.003436	.000939	65.37987	.8753368
#3	.0117306	.0108440	.0690969	-.000589	.001162	65.05231	.8763122

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043244	.0019497	32.93686	.1011467	.0716221	.1285433	145.9894
Stddev	.0000943	.0001012	.09096	.0005894	.0005172	.0024712	.5682
%RSD	2.181254	5.191207	.2761690	.5827571	.7221536	1.922442	.3891810

#1	.0042849	.0020461	32.83208	.1009270	.0720619	.1257639	145.5627
#2	.0042562	.0019587	32.98283	.1018144	.0710522	.1293736	146.6343
#3	.0044320	.0018443	32.99565	.1006986	.0717522	.1304924	145.7712

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.013247	28.02645	.1229900	.0008013	1.830340	.3906935	.9040121
Stddev	.007859	.16684	.0015187	.0004222	.195158	.0036041	.0158107
%RSD	.3903671	.5952813	1.234780	52.69677	10.66238	.9224811	1.748949

#1	2.004835	27.91692	.1229737	.0003481	2.054709	.3879482	.9196096
#2	2.020401	28.21846	.1214796	.0011837	1.699981	.3947748	.8879964
#3	2.014505	27.94396	.1245168	.0008721	1.736328	.3893574	.9044304

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.756055	5.162635	.1315727	.0013691	1.844387	15.40437	-.001528
Stddev	.020844	.040750	.0019747	.0000932	.011592	.14407	.001206
%RSD	.3621168	.7893262	1.500810	6.808489	.6284781	.9352377	78.94178

#1	5.774073	5.179068	.1310729	.0014755	1.856646	15.38565	-.001973
#2	5.760867	5.116235	.1337493	.0013022	1.833604	15.27058	-.000162
#3	5.733227	5.192603	.1298961	.0013294	1.842910	15.55688	-.002448

Sample Name: K5912-12 Acquired: 11/29/2019 18:33:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNS0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.136195	.0290675	.2733474
Stddev	.064907	.0003758	.0015306
%RSD	.9095527	1.292784	.5599620

#1	7.074293	.0294379	.2720701
#2	7.130551	.0290780	.2729281
#3	7.203740	.0286866	.2750440

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1793.780	3778.958	41161.36	7429.138	3945.913
Stddev	7.673	16.115	37.70	44.708	22.674
%RSD	.4277559	.4264377	.0915964	.6017972	.5746082

#1	1785.371	3773.962	41132.57	7473.299	3937.238
#2	1800.401	3796.979	41204.04	7430.212	3971.644
#3	1795.567	3765.932	41147.47	7383.902	3928.859

Sample Name: K5912-13 Acquired: 11/29/2019 18:37:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNS1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121361	.0060422	.0658878	-.001839	.0017226	66.59654	.9731096
Stddev	.0011521	.0025865	.0007960	.002160	.0010141	.41890	.0047553
%RSD	9.492898	42.80730	1.208125	117.4626	58.87222	.6290113	.4886662

#1	.0108625	.0037565	.0656710	-.003984	.0026836	66.92559	.9774092
#2	.0124400	.0055203	.0667698	-.001868	.0006626	66.12497	.9680022
#3	.0131057	.0088499	.0652227	.000335	.0018214	66.73905	.9739175

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042690	.0004074	33.09714	.0990304	.0711604	.1049774	148.6059
Stddev	.0000507	.0000131	.12839	.0006502	.0001696	.0018411	.7287
%RSD	1.188152	3.219609	.3879298	.6565486	.2383812	1.753769	.4903647

#1	.0043099	.0003924	33.23867	.0994641	.0710819	.1031273	149.0467
#2	.0042123	.0004134	32.98813	.0982828	.0710442	.1068093	147.7648
#3	.0042850	.0004165	33.06464	.0993443	.0713550	.1049956	149.0063

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.478770	28.45366	.1152780	-.000019	1.957475	.3803486	.7285475
Stddev	.010214	.07748	.0004900	.000185	.156656	.0017592	.0133122
%RSD	.2936155	.2723031	.4250500	955.3122	8.002951	.4625197	1.827232

#1	3.485484	28.52599	.1148810	-.000228	2.137438	.3822339	.7132483
#2	3.467016	28.37189	.1158256	.000127	1.883339	.3800608	.7349059
#3	3.483811	28.46309	.1151273	.000042	1.851648	.3787511	.7374883

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.392127	5.421976	.1376082	-.000337	1.137057	15.46177	.0001960
Stddev	.101838	.005158	.0021451	.000296	.007535	.08579	.0008703
%RSD	1.593175	.0951284	1.558864	87.82153	.6627017	.5548606	444.1406

#1	6.465305	5.417009	.1396814	-.000644	1.129841	15.38912	.0000805
#2	6.275822	5.421613	.1353977	-.000054	1.144875	15.55642	-.000611
#3	6.435254	5.427306	.1377455	-.000313	1.136453	15.43977	.001118

Sample Name: K5912-13 Acquired: 11/29/2019 18:37:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNS1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.178600	.0305944	.2841512
Stddev	.038641	.0003692	.0011079
%RSD	.5382737	1.206580	.3898966

#1	7.157549	.0307730	.2849869
#2	7.223195	.0301699	.2845722
#3	7.155056	.0308403	.2828945

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1777.447	3734.427	40873.07	7330.836	3902.864
Stddev	9.145	1.197	25.82	11.551	11.305
%RSD	.5145008	.0320472	.0631664	.1575724	.2896478

#1	1784.907	3734.271	40880.36	7336.094	3908.612
#2	1780.188	3735.694	40844.39	7317.591	3910.139
#3	1767.244	3733.316	40894.46	7338.823	3889.840

Sample Name: K5912-14 Acquired: 11/29/2019 18:41:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNS2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090907	.0042608	.0676114	-.000709	.0002163	74.02234	1.155076
Stddev	.0023778	.0051527	.0009660	.003823	.0012119	.53654	.004556
%RSD	26.15587	120.9307	1.428703	539.2486	560.3708	.7248382	.3944000

#1	.0080870	.0090781	.0670886	-.003962	.0006124	73.90140	1.152724
#2	.0118058	-.001172	.0670196	.003502	-.001144	74.60903	1.160327
#3	.0073794	.004876	.0687261	-.001667	.001181	73.55660	1.152176

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049415	.0007305	35.00752	.1074443	.0792377	.1191395	161.3782
Stddev	.0000695	.0000174	.18201	.0004702	.0002477	.0025521	.8774
%RSD	1.406999	2.375003	.5199301	.4376376	.3125903	2.142085	.5437165

#1	.0048774	.0007179	34.97286	.1071567	.0790805	.1219197	161.1199
#2	.0049315	.0007503	35.20437	.1071893	.0791094	.1185955	162.3557
#3	.0050154	.0007233	34.84533	.1079870	.0795232	.1169033	160.6588

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.021003	32.11591	.1294871	-.000145	1.961176	.3924215	.7968609
Stddev	.013643	.20736	.0007350	.000361	.028397	.0011312	.0083935
%RSD	.4516037	.6456608	.5676231	248.4342	1.447956	.2882652	1.053327

#1	3.026126	32.03017	.1302190	-.000562	1.973609	.3918556	.7957985
#2	3.031343	32.35239	.1287491	.000068	1.981236	.3937240	.8057350
#3	3.005540	31.96517	.1294931	.000059	1.928683	.3916849	.7890491

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.116586	5.723249	.1474580	-.000571	1.309095	16.31227	-.003546
Stddev	.049827	.013648	.0043250	.000397	.002901	.04714	.001173
%RSD	.7001596	.2384649	2.933027	69.61111	.2216184	.2889972	33.07919

#1	7.162632	5.721563	.1451173	-.000776	1.312175	16.35592	-.003274
#2	7.063687	5.710523	.1524488	-.000113	1.306414	16.26228	-.002533
#3	7.123440	5.737662	.1448078	-.000823	1.308696	16.31860	-.004832

Sample Name: K5912-14 Acquired: 11/29/2019 18:41:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNS2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.524692	.0387567	.3149162
Stddev	.038897	.0004814	.0010238
%RSD	.5169284	1.242117	.3251084

#1	7.502989	.0393115	.3138211
#2	7.501488	.0384499	.3150779
#3	7.569598	.0385086	.3158495

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1797.412	3754.685	41355.85	7420.838	3883.984
Stddev	3.916	13.384	19.63	19.354	15.880
%RSD	.2178624	.3564636	.0474705	.2608105	.4088680

#1	1796.814	3760.281	41345.07	7442.481	3891.352
#2	1801.592	3764.362	41343.96	7414.840	3894.842
#3	1793.829	3739.411	41378.51	7405.193	3865.758

Sample Name: K5912-15 Acquired: 11/29/2019 18:45:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNS6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0465057	.0073200	.6521912	.0001060	.0013348	90.90540	1.239845
Stddev	.0029808	.0030945	.0040694	.0025713	.0009207	.20573	.001515
%RSD	6.409454	42.27431	.6239591	2426.022	68.97200	.2263116	.1222120

#1	.0499470	.0091538	.6487072	-.002346	.0003005	90.69196	1.241579
#2	.0447301	.0037472	.6512026	.002782	.0016393	91.10244	1.239181
#3	.0448400	.0090590	.6566638	-.000118	.0020647	90.92179	1.238776

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074828	.0052073	35.31296	.2542548	.1318159	.1657698	194.9385
Stddev	.0001641	.0000969	.02499	.0008318	.0003739	.0014606	.6210
%RSD	2.193421	1.860093	.0707806	.3271374	.2836669	.8810856	.3185845

#1	.0076261	.0052393	35.32381	.2548382	.1314067	.1674345	194.2479
#2	.0075186	.0050985	35.28438	.2546239	.1319012	.1647034	195.4512
#3	.0073038	.0052841	35.33070	.2533024	.1321398	.1651714	195.1163

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.551372	29.59396	.1496581	.0008292	1.185958	.4744744	9.319340
Stddev	.007970	.19294	.0005637	.0002330	.296778	.0013388	.061107
%RSD	.3123706	.6519438	.3766351	28.10119	25.02428	.2821618	.6557055

#1	2.543156	29.39190	.1491898	.0006067	1.509364	.4755432	9.352014
#2	2.559070	29.61373	.1495008	.0008094	1.122406	.4729727	9.248842
#3	2.551889	29.77625	.1502837	.0010715	.926105	.4749074	9.357165

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.863870	5.696222	.1826289	.0018364	2.721570	19.87255	.0081967
Stddev	.046499	.002137	.0021884	.0004431	.007353	.09811	.0007340
%RSD	.7929811	.0375186	1.198298	24.12868	.2701830	.4937135	8.955351

#1	5.867680	5.695147	.1811519	.0021678	2.713838	19.94037	.0083728
#2	5.908347	5.694836	.1851431	.0013331	2.722396	19.76005	.0088268
#3	5.815583	5.698683	.1815916	.0020082	2.728475	19.91723	.0073907

Sample Name: K5912-15 Acquired: 11/29/2019 18:45:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNS6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.614436	.0497367	.3272273
Stddev	.042185	.0012439	.0010457
%RSD	.6377785	2.501029	.3195607

#1	6.651621	.0492159	.3282102
#2	6.568593	.0511564	.3261285
#3	6.623094	.0488378	.3273433

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1851.935	3884.762	42492.35	7728.460	3874.713
Stddev	5.742	1.243	130.67	8.691	3.260
%RSD	.3100629	.0320079	.3075243	.1124491	.0841349

#1	1849.269	3884.253	42471.34	7724.332	3876.682
#2	1848.010	3886.179	42373.45	7738.445	3876.507
#3	1858.525	3883.854	42632.26	7722.602	3870.950

Sample Name: CCV083 Acquired: 11/29/2019 18:49:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV083 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.900822	4.946578	24.86431	5.053306	4.861862	423.4238	10.31012
Stddev	.020739	.019312	.06494	.023597	.018133	1.8854	.03349
%RSD	.4231828	.3904094	.2611802	.4669554	.3729682	.4452737	.3248219

#1	4.888452	4.958545	24.87725	5.032987	4.841753	421.3806	10.27145
#2	4.889248	4.924299	24.79387	5.047744	4.866865	425.0963	10.32986
#3	4.924765	4.956890	24.92180	5.079187	4.876969	423.7944	10.32905

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5225777	2.564837	422.9788	15.39977	2.533448	14.70043	424.3088
Stddev	.0048028	.006216	1.4004	.00867	.005302	.01057	1.9494
%RSD	.9190652	.2423538	.3310865	.0563078	.2092902	.0718738	.4594335

#1	.5192449	2.566928	421.5090	15.40468	2.534450	14.70736	422.2466
#2	.5280830	2.557844	424.2976	15.40488	2.527716	14.70566	426.1214
#3	.5204053	2.569737	423.1299	15.38976	2.538178	14.68827	424.5585

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.31475	417.6684	2.554145	1.327876	419.1630	2.595851	16.28018
Stddev	.05850	2.1838	.005815	.006790	3.4586	.014311	.25564
%RSD	.3819884	.5228447	.2276520	.5113085	.8251168	.5513179	1.570260

#1	15.26197	415.3138	2.555884	1.335688	415.2955	2.579984	16.55515
#2	15.37765	419.6272	2.547660	1.323402	421.9591	2.607785	16.04971
#3	15.30463	418.0642	2.558892	1.324536	420.2344	2.599784	16.23568

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	159.9397	5.127233	5.411585	4.889240	5.276549	5.075115	5.000173
Stddev	.9094	.022301	.046043	.008568	.043106	.042945	.025799
%RSD	.5685820	.4349483	.8508145	.1752349	.8169265	.8461863	.5159599

#1	158.9907	5.135502	5.372783	4.883923	5.300666	5.044034	5.013046
#2	160.8035	5.101979	5.462462	4.884673	5.226782	5.124118	4.970471
#3	160.0248	5.144218	5.399510	4.899124	5.302197	5.057193	5.017003

Sample Name: CCV083 Acquired: 11/29/2019 18:49:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV083 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.871716	5.063567	4.991502
Stddev	.015477	.012167	.033598
%RSD	.3176935	.2402767	.6731073

#1	4.889565	5.049551	4.954054
#2	4.863567	5.071410	5.019003
#3	4.862016	5.069739	5.001451

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1382.573	2949.370	33852.89	6423.560	3109.224
Stddev	15.128	2.750	211.36	39.286	7.577
%RSD	1.094219	.0932533	.6243391	.6115936	.2437021

#1	1366.608	2952.000	33633.90	6459.023	3105.813
#2	1396.695	2949.596	34055.68	6381.330	3117.908
#3	1384.417	2946.513	33869.10	6430.327	3103.952

Sample Name: CCB083 Acquired: 11/29/2019 18:53:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB083 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000271	.0008669	.0015403	.0003151	-.001372	.0087151	-.001939
Stddev	.002339	.0012971	.0030978	.0017931	.000889	.0067852	.000977
%RSD	861.8317	149.6206	201.1130	569.0528	64.83413	77.85550	50.39485

#1	-.001109	-.000631	.0045638	.0003488	-.002386	.0154471	-.001911
#2	-.002077	.001634	.0016840	.0020911	-.001005	.0088200	-.000977
#3	.002372	.001598	-.001627	-.001495	-.000724	.0018781	-.002931

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000033	.0000174	.0015353	.0000847	.0000198	-.001586	.0154977
Stddev	.000018	.0000655	.0055785	.0003461	.0001816	.001339	.0103111
%RSD	53.56820	376.5676	363.3598	408.5734	918.9420	84.42244	66.53273

#1	-.000044	-.000058	.0027328	.0004719	.0002272	-.003028	.0163819
#2	-.000042	.000060	-.004545	-.000195	-.000057	-.001351	.0253382
#3	-.000013	.000050	.006418	-.000023	-.000111	-.000381	.0047730

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006041	.0171858	-.000368	.0000491	-.505912	-.003242	-.003113
Stddev	.0000987	.0091599	.000213	.0004233	.184915	.001918	.001662
%RSD	16.34076	53.29921	57.81970	862.8047	36.55091	59.14787	53.39325

#1	.0006343	.0269495	-.000456	.0000265	-.493529	-.001407	-.002659
#2	.0006842	.0158266	-.000125	.0004832	-.327499	-.005233	-.004956
#3	.0004938	.0087815	-.000523	-.000363	-.696707	-.003086	-.001725

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0552329	-.001092	.0045635	.0003851	-.004222	.0024971	-.001473
Stddev	.0347500	.000720	.0011697	.0003817	.001660	.0019263	.000457
%RSD	62.91543	65.87958	25.63234	99.11070	39.31961	77.14375	31.01259

#1	.0894700	-.001578	.0050445	.0008247	-.004378	.0045287	-.001938
#2	.0199918	-.000266	.0054160	.0001940	-.002489	.0006969	-.001024
#3	.0562369	-.001433	.0032299	.0001368	-.005797	.0022657	-.001457

Sample Name: CCB083 Acquired: 11/29/2019 18:53:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB083 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006565	-.005946	.0001377
Stddev	.0007880	.000674	.0000289
%RSD	120.0392	11.33526	21.01299

#1	.0000028	-.005716	.0001617
#2	.0015315	-.005416	.0001056
#3	.0004352	-.006704	.0001459

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1629.128	3427.203	37255.30	6639.200	3975.939
Stddev	10.507	2.258	163.42	27.363	4.337
%RSD	.6449225	.0658958	.4386504	.4121482	.1090707

#1	1619.335	3425.062	37275.72	6612.448	3980.424
#2	1640.226	3426.983	37407.55	6638.017	3975.626
#3	1627.823	3429.563	37082.63	6667.136	3971.768

Sample Name: K5912-16 Acquired: 11/29/2019 18:57:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNS7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092941	.0056646	.0678978	-.001909	.0010462	78.16932	.9645206
Stddev	.0012668	.0022717	.0012980	.001247	.0024367	.17074	.0029532
%RSD	13.63019	40.10370	1.911712	65.32616	232.9113	.2184175	.3061856

#1	.0091336	.0081904	.0678605	-.002523	-.001621	78.06225	.9621087
#2	.0106334	.0050146	.0666188	-.000474	.001604	78.07950	.9636387
#3	.0081151	.0037887	.0692140	-.002731	.003156	78.36622	.9678143

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048193	.0008636	33.38878	.1031023	.0749424	.1599499	150.9538
Stddev	.0001092	.0001323	.08824	.0003312	.0005206	.0024805	.3136
%RSD	2.265271	15.32636	.2642950	.3211985	.6946712	1.550797	.2077319

#1	.0049021	.0008706	33.37863	.1033257	.0744059	.1570876	151.0906
#2	.0046955	.0007278	33.30605	.1032594	.0749759	.1612896	150.5950
#3	.0048602	.0009923	33.48167	.1027219	.0754455	.1614725	151.1756

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.207385	28.98308	.1211596	-.000092	1.773887	.3852733	.7413540
Stddev	.006000	.04528	.0009297	.000371	.081000	.0015123	.0081354
%RSD	.2718163	.1562439	.7673058	403.8946	4.566226	.3925266	1.097372

#1	2.209090	28.99477	.1222330	.000036	1.703098	.3844037	.7329287
#2	2.200717	28.93310	.1206122	-.000510	1.756342	.3843967	.7419684
#3	2.212348	29.02138	.1206336	.000198	1.862221	.3870195	.7491647

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.823594	5.058362	.1470424	-.000130	2.170791	19.27769	.0012801
Stddev	.127828	.009228	.0027463	.000194	.007116	.21774	.0007103
%RSD	2.195007	.1824339	1.867729	149.3303	.3278051	1.129485	55.48599

#1	5.676065	5.069005	.1438719	-.000121	2.172661	19.52427	.0020274
#2	5.893302	5.052581	.1486872	-.000328	2.162927	19.11188	.0006138
#3	5.901415	5.053500	.1485680	.000060	2.176785	19.19692	.0011992

Sample Name: K5912-16 Acquired: 11/29/2019 18:57:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNS7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.990410	.0330360	.2976840
Stddev	.021229	.0024583	.0002033
%RSD	.3036930	7.441339	.0682878

#1	7.009849	.0307263	.2978996
#2	6.967756	.0327618	.2974958
#3	6.993624	.0356199	.2976566

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1783.155	3741.117	40994.31	7376.481	3881.665
Stddev	8.645	1.536	175.91	53.945	3.207
%RSD	.4848145	.0410586	.4290986	.7313049	.0826210

#1	1773.208	3739.457	40810.01	7323.285	3883.658
#2	1787.402	3742.489	41160.41	7431.144	3877.966
#3	1788.856	3741.404	41012.50	7375.014	3883.372

Sample Name: K5912-17 Acquired: 11/29/2019 19:01:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNS8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0215030	.0043223	.0824957	.0008743	.0002181	136.2190	1.531515
Stddev	.0021541	.0012334	.0017793	.0032985	.0031900	.6847	.005060
%RSD	10.01768	28.53560	2.156789	377.2633	1462.900	.5026581	.3303696

#1	.0212707	.0044006	.0817378	-.002316	-.000359	135.6525	1.527144
#2	.0237638	.0055147	.0812208	.004271	.003657	136.0246	1.530343
#3	.0194744	.0030516	.0845284	.000668	-.002644	136.9799	1.537058

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105488	-.001518	40.17378	.1935056	.1032121	.2172991	245.0015
Stddev	.0001578	.000095	.12343	.0014913	.0003140	.0004762	.6873
%RSD	1.496075	6.275013	.3072330	.7706563	.3042381	.2191310	.2805296

#1	.0107285	-.001614	40.05219	.1918942	.1035743	.2178073	244.7705
#2	.0104849	-.001424	40.17019	.1948370	.1030164	.2168633	244.4594
#3	.0104329	-.001516	40.29896	.1937856	.1030457	.2172268	245.7745

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.732475	35.96102	.1981508	.0000970	1.079172	.6099483	.5152588
Stddev	.003712	.08862	.0003699	.0004569	.240352	.0016855	.0098607
%RSD	.2142563	.2464275	.1866830	470.8839	22.27193	.2763399	1.913738

#1	1.731602	35.87455	.1979245	.0005566	.801880	.6098716	.5040133
#2	1.729277	35.95688	.1985777	.0000916	1.207757	.6083025	.5224268
#3	1.736545	36.05164	.1979503	-.000357	1.227879	.6116709	.5193363

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.530134	6.956058	.2330457	.0026005	2.242745	5.509396	.0004336
Stddev	.033271	.024036	.0047919	.0002312	.005507	.012690	.0008562
%RSD	.6016364	.3455435	2.056194	8.889978	.2455585	.2303324	197.4564

#1	5.535010	6.982519	.2320028	.0023517	2.242416	5.516513	-.000293
#2	5.560699	6.935575	.2288612	.0028088	2.248410	5.494744	.000216
#3	5.494694	6.950081	.2382731	.0026409	2.237411	5.516929	.001378

Sample Name: K5912-17 Acquired: 11/29/2019 19:01:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNS8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.943784	.0750032	.3719178
Stddev	.010224	.0017463	.0008934
%RSD	.1472338	2.328346	.2402198

#1	6.945043	.0748740	.3709955
#2	6.953319	.0733250	.3727792
#3	6.932989	.0768105	.3719787

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1958.050	4066.175	44737.33	8119.569	3782.094
Stddev	17.001	10.435	344.30	21.928	7.683
%RSD	.8682723	.2566282	.7695971	.2700651	.2031292

#1	1963.186	4076.561	45026.68	8136.132	3789.077
#2	1971.890	4055.691	44828.76	8094.702	3773.865
#3	1939.073	4066.273	44356.54	8127.873	3783.341

Sample Name: K5912-18 Acquired: 11/29/2019 19:05:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNS9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085041	.0064514	.0704973	-.005151	.0011573	73.14620	1.000546
Stddev	.0009491	.0012199	.0022048	.001861	.0009746	.23368	.002061
%RSD	11.16035	18.90959	3.127516	36.12205	84.21602	.3194727	.2060284

#1	.0080828	.0078253	.0719385	-.003698	.0015755	73.05095	1.002273
#2	.0095909	.0054948	.0679592	-.004507	.0018530	72.97518	.998264
#3	.0078386	.0060343	.0715942	-.007248	.0000434	73.41246	1.001102

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046861	.0007088	35.70262	.1102249	.0794313	.1190751	163.5149
Stddev	.0001725	.0000994	.14578	.0002459	.0000468	.0023513	.4193
%RSD	3.680175	14.02382	.4083309	.2231100	.0589561	1.974633	.2564264

#1	.0045872	.0005985	35.80651	.1099527	.0794179	.1172048	163.7492
#2	.0048853	.0007914	35.53597	.1102909	.0793926	.1183058	163.0308
#3	.0045859	.0007365	35.76539	.1104311	.0794833	.1217146	163.7647

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.239067	31.28883	.1298879	-.000403	1.871822	.4203273	.8082769
Stddev	.009787	.08576	.0005373	.000338	.285454	.0022344	.0111015
%RSD	.3021621	.2741068	.4136358	83.83352	15.25007	.5315737	1.373474

#1	3.242893	31.27805	.1294533	-.000738	1.982633	.4225770	.8085281
#2	3.227945	31.20896	.1297218	-.000409	1.547577	.4181086	.8192507
#3	3.246364	31.37947	.1304886	-.000062	2.085256	.4202963	.7970520

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.577839	6.028330	.1533849	-.000089	1.264174	13.82220	-.002518
Stddev	.113954	.031503	.0014717	.000148	.013079	.07359	.001340
%RSD	1.732396	.5225835	.9594813	165.9441	1.034619	.5324172	53.20527

#1	6.517008	6.015813	.1538904	-.000001	1.255154	13.81934	-.001014
#2	6.507209	6.005009	.1517270	-.000007	1.258194	13.75008	-.002955
#3	6.709300	6.064167	.1545372	-.000260	1.279174	13.89718	-.003584

Sample Name: K5912-18 Acquired: 11/29/2019 19:05:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNS9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.877166	.0360770	.3111684
Stddev	.020178	.0003724	.0004649
%RSD	.2561587	1.032109	.1493916

#1	7.889421	.0357637	.3108874
#2	7.888200	.0359787	.3117050
#3	7.853877	.0364886	.3109129

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1780.683	3712.329	40988.39	7358.783	3849.469
Stddev	4.900	10.057	187.62	9.057	9.107
%RSD	.2751845	.2709020	.4577472	.1230732	.2365666

#1	1781.184	3721.496	40771.74	7363.870	3854.907
#2	1785.314	3713.920	41097.82	7364.152	3854.545
#3	1775.552	3701.572	41095.60	7348.327	3838.956

Sample Name: K5912-19 Acquired: 11/29/2019 19:09:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNT0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077973	.0052939	.0853016	-.002578	.0005462	81.95482	1.070610
Stddev	.0034807	.0037000	.0019973	.005149	.0015842	.04726	.001795
%RSD	44.63977	69.89220	2.341448	199.7194	290.0606	.0576665	.1676387

#1	.0110499	.0024488	.0831616	.000884	-.000562	81.98988	1.072680
#2	.0082157	.0094768	.0856270	-.000123	-.000160	81.90107	1.069477
#3	.0041263	.0039562	.0871162	-.008496	.002361	81.97349	1.069674

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051782	.0015213	35.43074	.1120664	.0779298	.1516654	158.5118
Stddev	.0001636	.0000248	.11679	.0002173	.0004181	.0047096	.3512
%RSD	3.159425	1.627563	.3296297	.1939173	.5365517	3.105250	.2215366

#1	.0051092	.0015341	35.39210	.1121865	.0782034	.1491370	158.1084
#2	.0053650	.0015371	35.56196	.1121972	.0774485	.1487600	158.7487
#3	.0050605	.0014928	35.33817	.1118156	.0781376	.1570992	158.6783

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.180797	30.26837	.1282869	.0001356	1.789489	.4016009	.8419967
Stddev	.010271	.17683	.0006553	.0005778	.310413	.0035474	.0038616
%RSD	.4709790	.5842194	.5108162	426.1542	17.34645	.8833110	.4586177

#1	2.169200	30.07566	.1287567	-.000532	2.147406	.4052289	.8463504
#2	2.188747	30.42319	.1275383	.000468	1.627201	.4014336	.8406540
#3	2.184444	30.30627	.1285657	.000471	1.593860	.3981401	.8389857

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.762694	5.203741	.1492294	.0000722	2.835575	16.16706	.0002852
Stddev	.046716	.010130	.0021968	.0003299	.015863	.16699	.0007664
%RSD	.6907874	.1946698	1.472125	456.8744	.5594280	1.032894	268.7729

#1	6.815313	5.197269	.1492794	-.000086	2.829961	16.07645	.0008042
#2	6.726099	5.198539	.1470079	-.000149	2.823283	16.35977	-.000595
#3	6.746670	5.215416	.1514008	.000451	2.853482	16.06497	.000646

Sample Name: K5912-19 Acquired: 11/29/2019 19:09:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNT0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.711032	.0375833	.3052723
Stddev	.052945	.0010209	.0017454
%RSD	.6866178	2.716269	.5717438

#1	7.686433	.0368364	.3058099
#2	7.771802	.0371670	.3066857
#3	7.674861	.0387465	.3033214

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1786.453	3748.309	41027.68	7375.199	3849.628
Stddev	5.737	5.915	72.02	42.102	4.480
%RSD	.3211568	.1578110	.1755438	.5708643	.1163858

#1	1780.050	3755.137	40946.73	7390.726	3852.885
#2	1788.183	3744.739	41084.67	7327.538	3851.480
#3	1791.127	3745.050	41051.63	7407.333	3844.518

Sample Name: K5912-20 Acquired: 11/29/2019 19:13:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNT1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095959	.0058553	.0613831	-.000541	.0012746	63.03619	.9851091
Stddev	.0045784	.0006492	.0007530	.003462	.0019952	.13893	.0031653
%RSD	47.71255	11.08738	1.226766	640.1769	156.5313	.2203941	.3213171

#1	.0134009	.0052802	.0612873	.002523	-.000997	63.15451	.9887558
#2	.0045148	.0065593	.0621795	-.004297	.002743	63.07083	.9834981
#3	.0108720	.0057265	.0606827	.000152	.002078	62.88321	.9830733

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042742	.0000871	31.76701	.0993566	.0724792	.0880815	150.5441
Stddev	.0001007	.0000906	.07038	.0003335	.0004911	.0004556	.0950
%RSD	2.355086	103.9745	.2215381	.3356855	.6776244	.5172333	.0630761

#1	.0041609	.0001089	31.83492	.0996682	.0721134	.0884439	150.6516
#2	.0043535	-.000012	31.69440	.0990048	.0730374	.0875700	150.5092
#3	.0043080	.000165	31.77172	.0993967	.0722868	.0882306	150.4716

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.340934	29.82271	.1203605	-.000260	1.610569	.3887250	.7559215
Stddev	.009137	.05016	.0001463	.000324	.056090	.0016527	.0072379
%RSD	.2734866	.1681835	.1215564	124.4473	3.482633	.4251553	.9574949

#1	3.351432	29.84167	.1205264	-.000349	1.553113	.3868217	.7642696
#2	3.334777	29.86063	.1203051	-.000530	1.613409	.3897970	.7514020
#3	3.336593	29.76584	.1202501	.000099	1.665185	.3895564	.7520929

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.437653	5.215011	.1396382	-.000309	.7808968	16.37870	-.003039
Stddev	.082584	.009222	.0020064	.000214	.0019109	.05294	.000627
%RSD	1.282833	.1768405	1.436822	69.12562	.2447103	.3232395	20.63771

#1	6.343336	5.224758	.1374416	-.000257	.7820301	16.32310	-.003278
#2	6.496989	5.213852	.1413743	-.000544	.7786905	16.38448	-.002327
#3	6.472635	5.206423	.1400985	-.000126	.7819698	16.42851	-.003511

Sample Name: K5912-20 Acquired: 11/29/2019 19:13:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNT1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.334752	.0331381	.2781794
Stddev	.042308	.0017710	.0013023
%RSD	.5768092	5.344369	.4681468

#1	7.366966	.0351367	.2796563
#2	7.286839	.0325141	.2771958
#3	7.350450	.0317636	.2776862

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1760.694	3706.512	40198.60	7216.079	3887.166
Stddev	4.577	8.078	197.22	27.740	7.892
%RSD	.2599419	.2179361	.4906036	.3844224	.2030282

#1	1765.194	3710.604	40147.51	7215.424	3885.874
#2	1760.846	3711.725	40416.33	7244.141	3895.625
#3	1756.044	3697.207	40031.95	7188.672	3880.000

Sample Name: K5912-21 Acquired: 11/29/2019 19:17:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNT2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062753	.0061000	.0676932	-.005128	.0010150	64.81738	.9714617
Stddev	.0027061	.0013179	.0015524	.001360	.0005537	.41833	.0050759
%RSD	43.12337	21.60518	2.293211	26.51800	54.54620	.6453935	.5224996

#1	.0043066	.0045785	.0667607	-.006058	.0016525	65.11616	.9750796
#2	.0093611	.0068845	.0668336	-.003567	.0006545	64.99668	.9736462
#3	.0051581	.0068371	.0694852	-.005758	.0007381	64.33929	.9656593

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043705	.0002193	32.49056	.1019185	.0726942	.1082592	154.1116
Stddev	.0000609	.0001119	.16076	.0004474	.0001541	.0014338	.7648
%RSD	1.393721	51.05268	.4948033	.4389697	.2119968	1.324434	.4962531

#1	.0043726	.0001598	32.62165	.1016726	.0726891	.1089982	154.4593
#2	.0044303	.0001497	32.53885	.1016480	.0728507	.1091727	154.6408
#3	.0043085	.0003484	32.31119	.1024349	.0725426	.1066066	153.2347

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.442074	29.23369	.1207175	-.000192	1.716761	.4072496	.7586768
Stddev	.012909	.22467	.0011596	.000302	.170565	.0057223	.0207079
%RSD	.5286022	.7685449	.9605552	157.8445	9.935268	1.405106	2.729482

#1	2.448247	29.30042	.1193886	-.000529	1.733615	.4055495	.7825303
#2	2.450738	29.41745	.1215240	.000055	1.878274	.4136293	.7453089
#3	2.427238	28.98322	.1212399	-.000100	1.538395	.4025701	.7481913

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.119381	5.356145	.1413108	-.000096	1.232052	14.83841	-.000997
Stddev	.087548	.020448	.0029181	.000356	.005095	.14650	.001844
%RSD	1.430668	.3817737	2.065018	369.2057	.4135770	.9873340	185.0624

#1	6.115502	5.332576	.1403817	.000229	1.236610	14.73449	.000818
#2	6.208804	5.366702	.1445802	-.000477	1.232997	15.00598	-.000939
#3	6.033837	5.369157	.1389703	-.000041	1.226551	14.77478	-.002869

Sample Name: K5912-21 Acquired: 11/29/2019 19:17:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNT2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.560701	.0303877	.2822565
Stddev	.017315	.0007367	.0008823
%RSD	.2290106	2.424217	.3125842

#1	7.545538	.0307463	.2829924
#2	7.579568	.0308764	.2824986
#3	7.556996	.0295404	.2812784

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1771.529	3702.977	40584.45	7252.340	3875.227
Stddev	10.725	2.337	300.19	22.476	3.186
%RSD	.6053898	.0631231	.7396588	.3099075	.0822130

#1	1760.181	3705.663	40249.97	7250.027	3875.559
#2	1772.910	3701.865	40672.93	7231.111	3871.888
#3	1781.497	3701.404	40830.46	7275.883	3878.234

Sample Name: K5912-22 Acquired: 11/29/2019 19:21:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNT3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052571	.0067018	.0777914	-.001238	.0006678	80.42068	1.089508
Stddev	.0010349	.0018146	.0012543	.003474	.0007310	.14415	.001764
%RSD	19.68589	27.07563	1.612439	280.6684	109.4579	.1792395	.1619313

#1	.0064508	.0048340	.0763772	-.000471	.0003704	80.27053	1.087487
#2	.0046124	.0068134	.0787692	.001789	.0001324	80.55796	1.090299
#3	.0047081	.0084580	.0782279	-.005031	.0015006	80.43355	1.090739

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050136	.0007453	39.22651	.1152727	.0836110	.1348729	174.2307
Stddev	.0000471	.0000582	.12551	.0005519	.0003556	.0020459	.3145
%RSD	.9399772	7.809123	.3199688	.4787976	.4252509	1.516948	.1805348

#1	.0049603	.0007804	39.16687	.1146359	.0832442	.1325196	174.3643
#2	.0050306	.0006781	39.14194	.1155690	.0836348	.1358696	174.4564
#3	.0050499	.0007773	39.37072	.1156132	.0839541	.1362296	173.8714

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.701111	33.22881	.1387739	-.000019	2.150964	.4600973	.8634921
Stddev	.001289	.10117	.0006533	.000152	.428276	.0046250	.0091424
%RSD	.0477120	.3044601	.4707749	816.6579	19.91088	1.005219	1.058774

#1	2.701138	33.33595	.1394701	-.000092	2.412063	.4647457	.8590254
#2	2.699809	33.21557	.1381742	-.000120	2.384132	.4554961	.8740092
#3	2.702386	33.13492	.1386774	.000156	1.656697	.4600499	.8574416

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.054484	6.176739	.1620905	-.000141	1.760202	18.82069	-.000561
Stddev	.048493	.031941	.0016414	.000209	.012512	.05677	.001068
%RSD	.6874111	.5171156	1.012645	148.2114	.7108544	.3016485	190.4365

#1	7.033818	6.141405	.1612546	-.000357	1.747346	18.87420	-.001794
#2	7.019747	6.185251	.1639816	-.000126	1.772340	18.76114	.000086
#3	7.109887	6.203562	.1610354	.000060	1.760920	18.82673	.000025

Sample Name: K5912-22 Acquired: 11/29/2019 19:21:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNT3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.613696	.0385439	.3340718
Stddev	.044301	.0019118	.0010180
%RSD	.5143109	4.960051	.3047411

#1	8.647476	.0363380	.3345404
#2	8.563538	.0397218	.3329038
#3	8.630075	.0395718	.3347712

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1761.243	3718.956	40514.59	7284.383	3830.193
Stddev	1.124	7.092	35.43	41.451	8.069
%RSD	.0638453	.1906950	.0874477	.5690367	.2106568

#1	1761.641	3727.068	40475.51	7242.853	3839.333
#2	1759.974	3713.932	40544.61	7325.754	3827.187
#3	1762.115	3715.869	40523.65	7284.541	3824.059

Sample Name: CCV084 Acquired: 11/29/2019 19:25:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV084 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.895102	4.939701	24.86756	5.033252	4.858754	423.8068	10.35687
Stddev	.016231	.012817	.04518	.015665	.014471	1.6908	.01846
%RSD	.3315864	.2594611	.1816888	.3112336	.2978303	.3989451	.1782326

#1	4.876473	4.926595	24.81619	5.017865	4.854192	424.2756	10.37292
#2	4.906202	4.940300	24.88540	5.032709	4.847113	421.9311	10.33670
#3	4.902631	4.952207	24.90110	5.049181	4.874956	425.2137	10.36099

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5321109	2.573324	425.1812	15.47480	2.536853	14.72125	426.1486
Stddev	.0015495	.004853	.5110	.02150	.001299	.02308	1.6518
%RSD	.2912062	.1885783	.1201767	.1389333	.0512169	.1567936	.3876224

#1	.5320691	2.569138	425.7662	15.45757	2.535525	14.74328	426.9797
#2	.5305827	2.578643	424.8222	15.46793	2.538122	14.69725	424.2463
#3	.5336809	2.572191	424.9552	15.49889	2.536911	14.72323	427.2199

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.38369	420.9860	2.555825	1.344856	422.7565	2.609139	16.36625
Stddev	.05236	1.4811	.004017	.004298	1.6261	.008601	.08239
%RSD	.3403385	.3518245	.1571719	.3196024	.3846308	.3296364	.5034154

#1	15.42586	422.0176	2.551489	1.341564	423.8858	2.618415	16.30885
#2	15.32509	419.2888	2.556566	1.343285	420.8928	2.601429	16.46066
#3	15.40012	421.6515	2.559420	1.349719	423.4908	2.607572	16.32925

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	161.3568	5.121429	5.498450	4.903867	5.227257	5.167026	4.998749
Stddev	.9793	.022070	.010556	.010477	.013405	.010429	.004917
%RSD	.6069326	.4309412	.1919741	.2136536	.2564518	.2018312	.0983715

#1	161.1617	5.114648	5.488079	4.902291	5.212382	5.159765	4.994437
#2	160.4897	5.103544	5.498092	4.894267	5.230989	5.162338	4.997705
#3	162.4190	5.146094	5.509181	4.915043	5.238402	5.178976	5.004104

Sample Name: CCV084 Acquired: 11/29/2019 19:25:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV084 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.870656	5.076178	5.031960
Stddev	.017274	.005105	.004967
%RSD	.3546497	.1005728	.0987175

#1	4.858114	5.071603	5.037689
#2	4.890359	5.075245	5.028864
#3	4.863496	5.081685	5.029326

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1366.564	2936.040	33485.01	6327.158	3099.187
Stddev	8.531	2.811	137.43	22.286	.983
%RSD	.6242930	.0957563	.4104165	.3522277	.0317214

#1	1375.590	2936.056	33602.07	6352.836	3099.101
#2	1365.467	2938.844	33519.27	6315.791	3100.211
#3	1358.633	2933.221	33333.69	6312.848	3098.250

Sample Name: CCB084 Acquired: 11/29/2019 19:29:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB084 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000915	-.000338	.0001713	.0023400	-.000086	.0136172	-.001933
Stddev	.003176	.001486	.0006277	.0005536	.000918	.0074763	.000967
%RSD	346.9755	439.2660	366.4878	23.65868	1062.373	54.90331	50.02006

#1	-.002405	-.000310	-.000349	.0023007	.000944	.0093671	-.001042
#2	.002732	.001134	-.000005	.0018071	-.000387	.0222497	-.002961
#3	-.003073	-.001839	.000868	.0029122	-.000816	.0092347	-.001796

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000029	-.000038	.0165048	-.000190	.0000649	-.001871	.0171262
Stddev	.000032	.000095	.0075142	.000235	.0000707	.001687	.0087619
%RSD	111.0082	247.4022	45.52742	123.9628	108.9525	90.16072	51.16084

#1	-.000024	.000069	.0211275	-.000247	.0000099	.000068	.0267052
#2	-.000063	-.000109	.0205525	.000069	.0001446	-.002998	.0095165
#3	.000001	-.000076	.0078345	-.000391	.0000402	-.002685	.0151570

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004278	.0002559	-.000173	.0003159	-.432510	-.002820	-.001623
Stddev	.0004485	.0109652	.000261	.0002527	.174125	.003217	.001558
%RSD	104.8471	4285.147	151.4202	79.98703	40.25927	114.0674	96.02334

#1	.0009326	-.010942	-.000225	.0001507	-.590715	-.004402	-.001132
#2	.0002758	.010973	.000111	.0006068	-.460869	.000881	-.003367
#3	.0000750	.000736	-.000404	.0001903	-.245946	-.004939	-.000369

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0671974	.0027199	.0063222	.0003209	-.005500	.0022742	-.001042
Stddev	.0698442	.0037232	.0014747	.0001587	.005570	.0005749	.000439
%RSD	103.9389	136.8858	23.32654	49.45270	101.2813	25.27672	42.16567

#1	.0127845	-.001209	.0064456	.0001630	-.011917	.0025937	-.001515
#2	.0428515	.003172	.0077313	.0003193	-.002674	.0016106	-.000648
#3	.1459562	.006197	.0047896	.0004803	-.001909	.0026183	-.000961

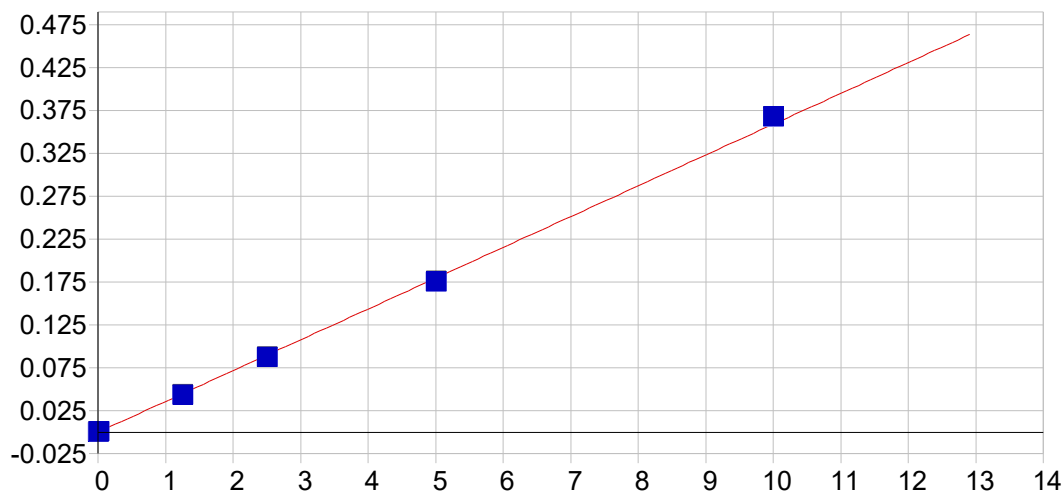
Sample Name: CCB084 Acquired: 11/29/2019 19:29:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1036) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB084 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001368	-.004435	.0001348
Stddev	.0003510	.001294	.0000902
%RSD	256.5264	29.16798	66.88579

#1	.0004921	-.003371	.0002096
#2	.0001283	-.004060	.0000347
#3	-.000210	-.005875	.0001601

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1622.346	3425.570	37045.43	6574.765	3969.593
Stddev	1.627	6.135	66.32	15.327	4.147
%RSD	.1002842	.1790974	.1790184	.2331206	.1044580

#1	1621.496	3425.317	36971.88	6559.087	3972.106
#2	1621.320	3431.828	37100.67	6575.492	3971.866
#3	1624.221	3419.565	37063.74	6589.715	3964.807

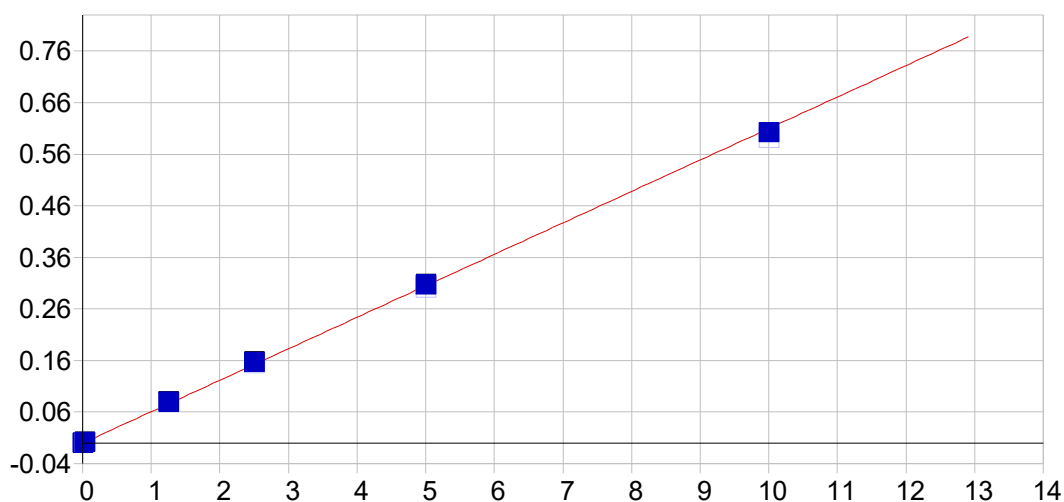


As 189.042 {479}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000166 Re-Slope: 1.000000
 A1 (Gain): 0.035920 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999671 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.003398
 Predicted MQL: 0.011325

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00017	.000	1
S1	.01000	.01198	.002	19.8	.00026	.000	1
S2	1.2500	1.2025	-.047	-3.80	.04292	.000	1
S3	2.5000	2.4271	-.073	-2.92	.08680	.000	1
S4	5.0000	4.8862	-.114	-2.28	.17492	.000	1
S5	10.000	10.232	.232	2.32	.36653	.000	1

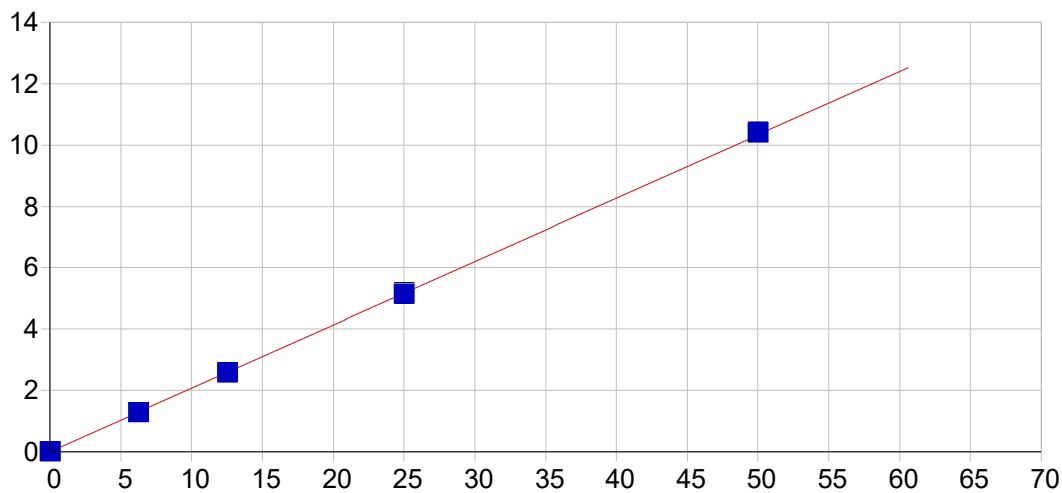


TI 190.856 {477}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000341 Re-Slope: 1.000000
 A1 (Gain): 0.061024 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999831 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.002092
 Predicted MQL: 0.006972

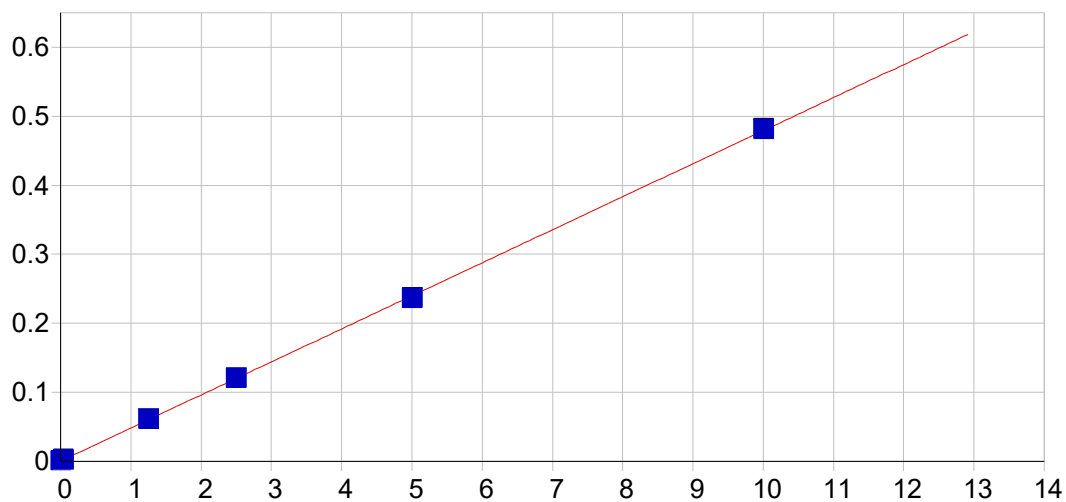
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00034	.000	1
S1	.02500	.02882	.004	15.3	.00135	.000	1
S2	1.2500	1.2997	.050	3.98	.07757	.000	1
S3	2.5000	2.5622	.062	2.49	.15320	.001	1
S4	5.0000	5.0225	.023	.450	.30053	.001	1
S5	10.000	9.8618	-.138	-1.38	.59021	.001	1



Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000858 Re-Slope: 1.000000
 A1 (Gain): 0.206670 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981 Status: OK.
 Std Error of Est: 0.000048
 Predicted MDL: 0.001491
 Predicted MQL: 0.004971

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00086	.000	1
S1	.01000	.00998	-.000	-.202	.00292	.000	1
S2	6.2500	6.1958	-.054	-.867	1.2816	.001	1
S3	12.500	12.394	-.106	-.846	2.5629	.007	1
S4	25.000	24.877	-.123	-.491	5.1433	.024	1
S5	50.000	50.283	.283	.566	10.395	.009	1

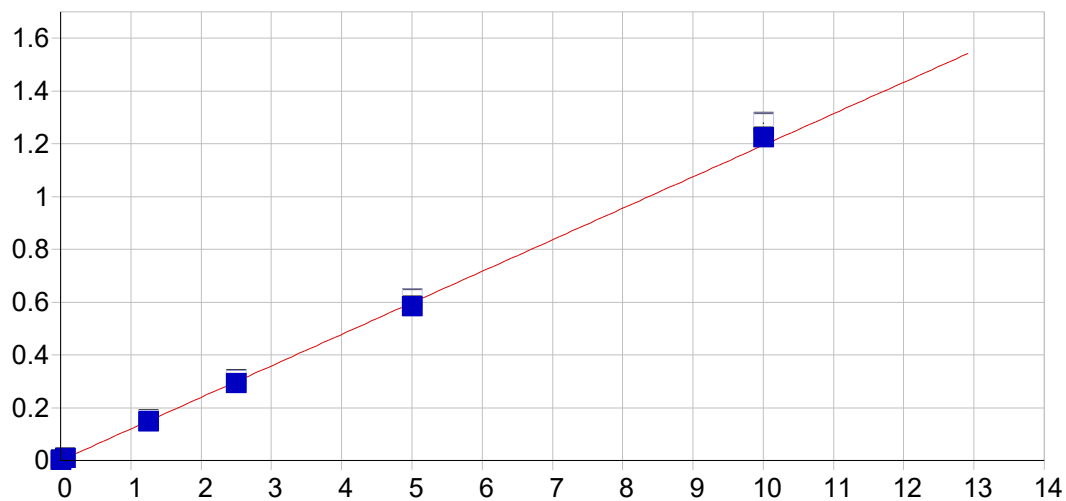


Se 196.090 {472}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000521 Re-Slope: 1.000000
 A1 (Gain): 0.047866 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999959 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.003418
 Predicted MQL: 0.011395

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00052	.000	1
S1	.03500	.03690	.002	5.44	.00229	.000	1
S2	1.2500	1.2644	.014	1.15	.06089	.000	1
S3	2.5000	2.5053	.005	.212	.12013	.000	1
S4	5.0000	4.9291	-.071	-1.42	.23583	.000	1
S5	10.000	10.049	.049	.493	.48028	.001	1



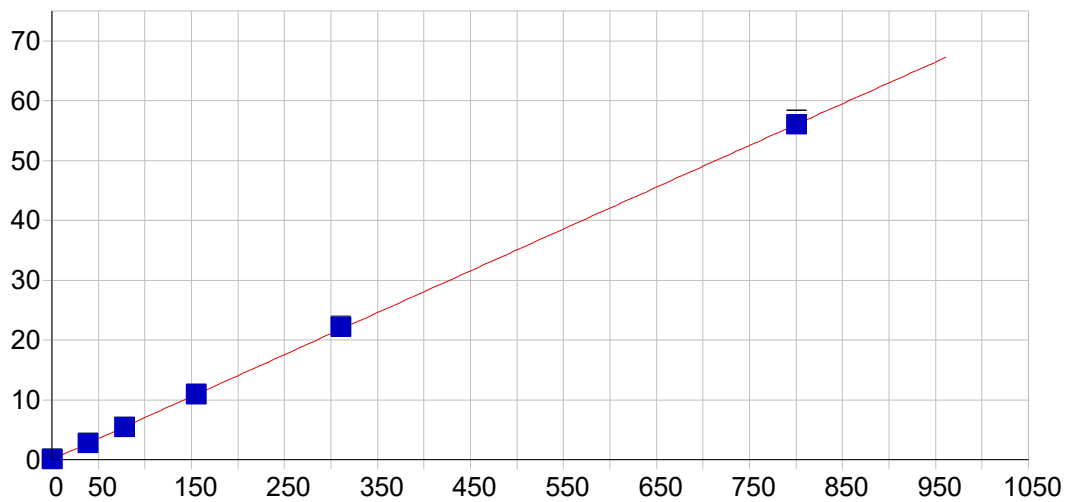
Sb 206.833 {463}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000251 Re-Slope: 1.000000

A1 (Gain): 0.119402 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999694 Status: OK.
 Std Error of Est: 0.000127
 Predicted MDL: 0.001774
 Predicted MQL: 0.005912

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00025	.000	1
S1	.06000	.06503	.005	8.39	.00802	.000	1
S2	1.2500	1.2084	-.042	-3.33	.15141	.000	1
S3	2.5000	2.4255	-.074	-2.98	.30361	.001	1
S4	5.0000	4.8762	-.124	-2.48	.60997	.001	1
S5	10.000	10.235	.235	2.35	1.2773	.002	1

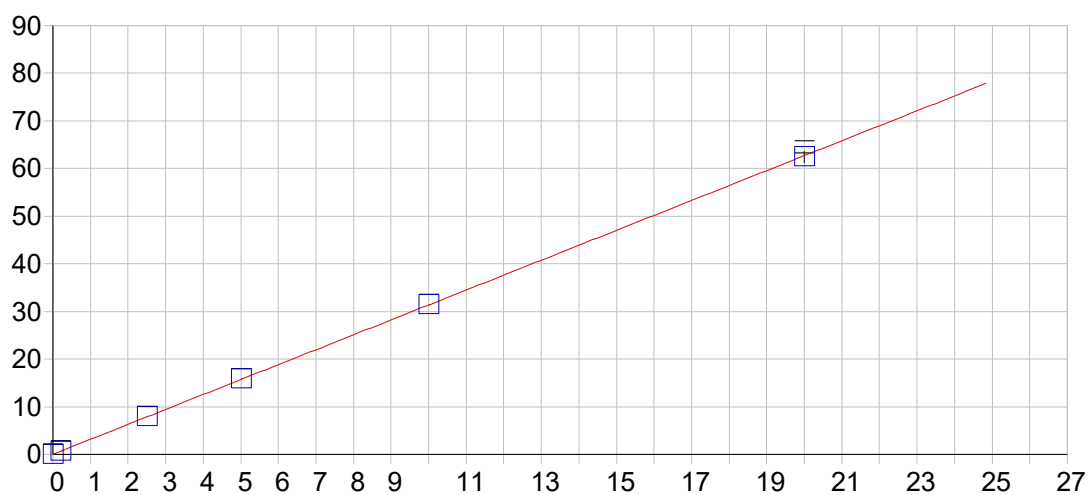


AI 396.152 { 85 }

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.005759 Re-Slope: 1.000000
 A1 (Gain): 0.070272 Y-int: 0.000000
 A2 (Curvature): -0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946 Status: OK.
 Std Error of Est: 0.000507
 Predicted MDL: 0.012272
 Predicted MQL: 0.040908

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00576	.001	1
S1	.20000	.20958	.010	4.79	.02073	.000	1
S2	38.750	37.543	-1.21	-3.12	2.6490	.011	1
S3	77.500	76.083	-1.42	-1.83	5.3613	.026	1
S4	155.00	154.25	-.749	-.483	10.860	.041	1
S5	310.00	314.94	4.94	1.59	22.150	.150	1
S6	800.00	798.42	-1.58	-.198	55.946	.746	1

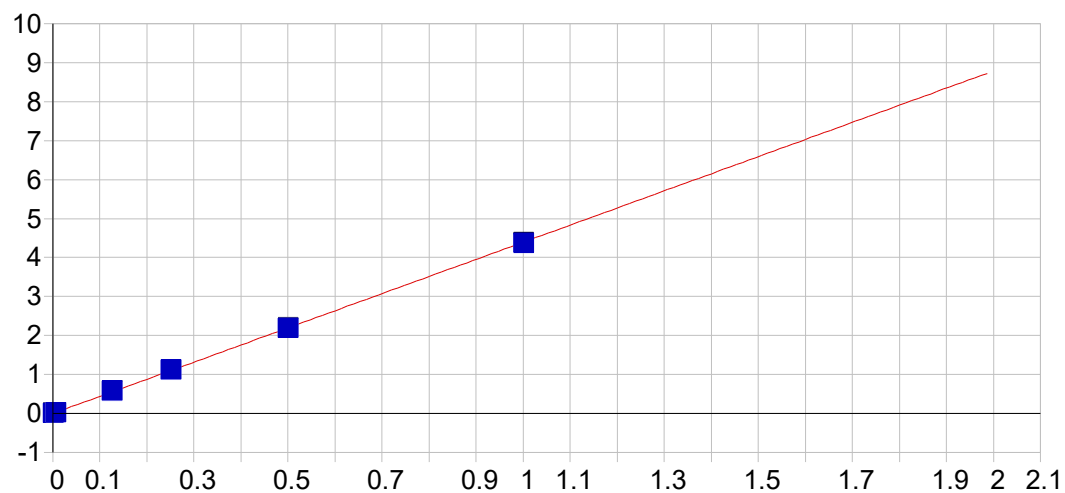


Ba 493.409 { 68}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.023585 Re-Slope: 1.000000
 A1 (Gain): 3.134142 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981 Status: OK.
 Std Error of Est: 0.002045
 Predicted MDL: 0.000718
 Predicted MQL: 0.002394

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.02355	.001	1
S1	.20000	.20891	.009	4.45	.67834	.001	1
S2	2.5000	2.5124	.012	.497	7.8979	.017	1
S3	5.0000	5.0442	.044	.884	15.833	.042	1
S4	10.000	10.032	.032	.316	31.464	.008	1
S5	20.000	19.903	-.097	-.486	62.402	1.28	1



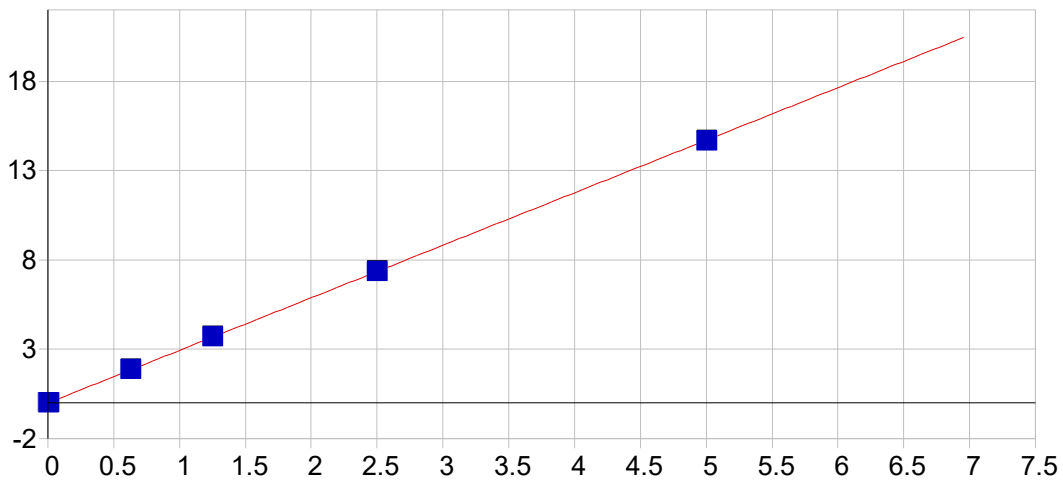
Be 234.861 {144}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000686 Re-Slope: 1.000000

A1 (Gain): 4.393267 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999911 Status: OK.
 Std Error of Est: 0.000219
 Predicted MDL: 0.000080
 Predicted MQL: 0.000265

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00069	.000	1
S1	.00500	.00548	.000	9.56	.02336	.000	1
S2	.12500	.12973	.005	3.78	.56742	.006	1
S3	.25000	.25352	.004	1.41	1.1094	.008	1
S4	.50000	.49857	-.001	-.287	2.1824	.006	1
S5	1.0000	.99271	-.007	-.729	4.3460	.018	1

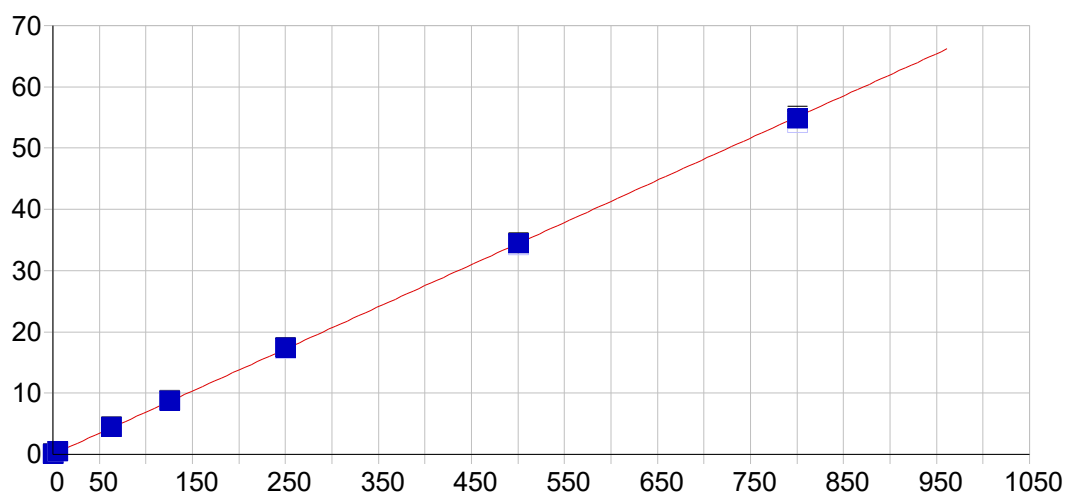


Cd 214.438 (457)

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000076 Re-Slope: 1.000000
 A1 (Gain): 2.940779 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983 Status: OK.
 Std Error of Est: 0.000142
 Predicted MDL: 0.000073
 Predicted MQL: 0.000244

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00008	.000	1
S1	.00500	.00520	.000	4.03	.01538	.000	1
S2	.62500	.63262	.008	1.22	1.8633	.003	1
S3	1.2500	1.2626	.013	1.00	3.7186	.014	1
S4	2.5000	2.5003	.000	.012	7.3642	.033	1
S5	5.0000	4.9793	-.021	-.414	14.666	.019	1

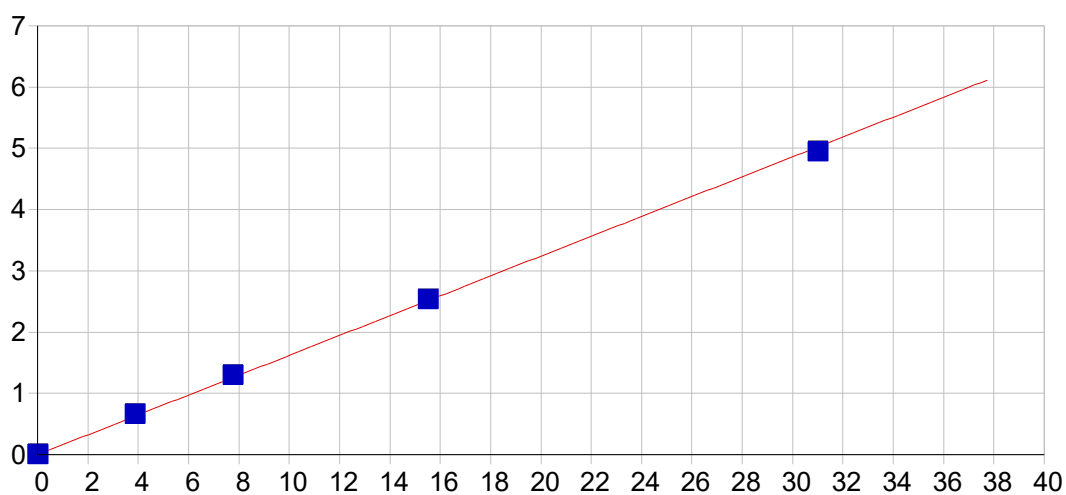


Ca 373.690 { 90}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001274 Re-Slope: 1.000000
 A1 (Gain): 0.068848 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971 Status: OK.
 Std Error of Est: 0.001808
 Predicted MDL: 0.012222
 Predicted MQL: 0.040738

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00055	-.001	.000	.00124	.001	1
S1	5.0000	5.3955	.395	7.91	.37264	.002	1
S2	62.500	63.666	1.17	1.87	4.3460	.002	1
S3	125.00	126.51	1.51	1.20	8.6339	.014	1
S4	250.00	251.21	1.21	.486	17.143	.046	1
S5	500.00	499.83	-.172	-.034	34.105	.054	1
S6	800.00	795.86	-4.14	-.517	53.973	.390	1

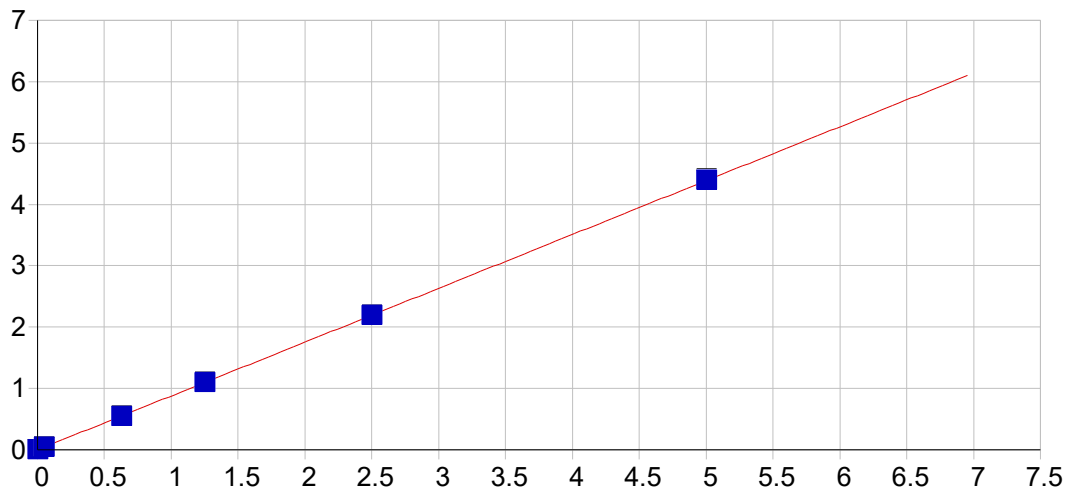


Cr 267.716 {126}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000056 Re-Slope: 1.000000
 A1 (Gain): 0.162037 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999795 Status: OK.
 Std Error of Est: 0.000097
 Predicted MDL: 0.000547
 Predicted MQL: 0.001822

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00006	.000	1
S1	.01000	.01143	.001	14.3	.00191	.000	1
S2	3.8750	4.0358	.161	4.15	.65478	.001	1
S3	7.7500	7.9857	.236	3.04	1.2956	.001	1
S4	15.500	15.625	.125	.804	2.5350	.001	1
S5	31.000	30.477	-.523	-1.69	4.9448	.008	1

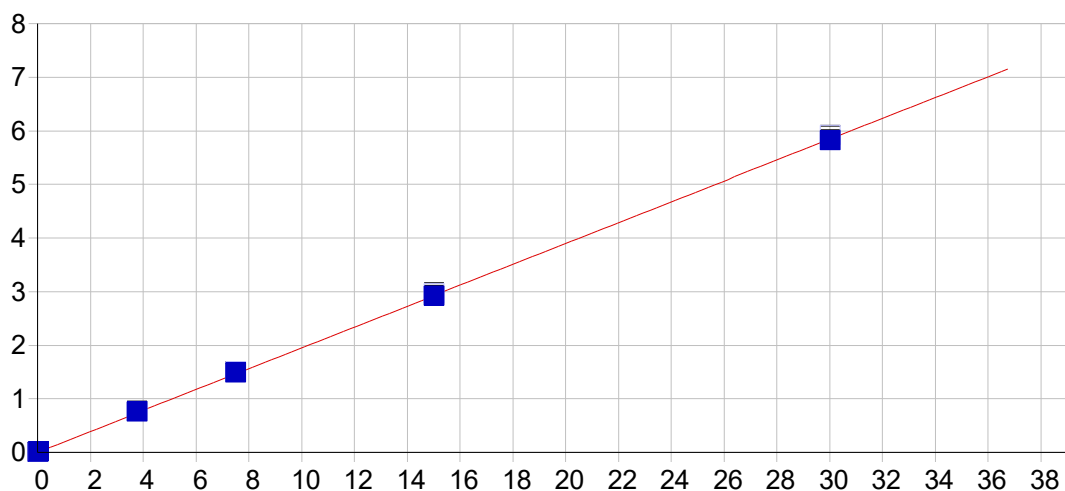


Co 228.616 {448}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000390 Re-Slope: 1.000000
 A1 (Gain): 0.877434 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999995 Status: OK.
 Std Error of Est: 0.000071
 Predicted MDL: 0.000242
 Predicted MQL: 0.000805

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00039	.000	1
S1	.05000	.05099	.001	1.98	.04528	.000	1
S2	.62500	.62173	-.003	-.524	.54678	.001	1
S3	1.2500	1.2500	-.000	-.002	1.0989	.001	1
S4	2.5000	2.4917	-.008	-.333	2.1902	.005	1
S5	5.0000	5.0106	.011	.213	4.4039	.005	1

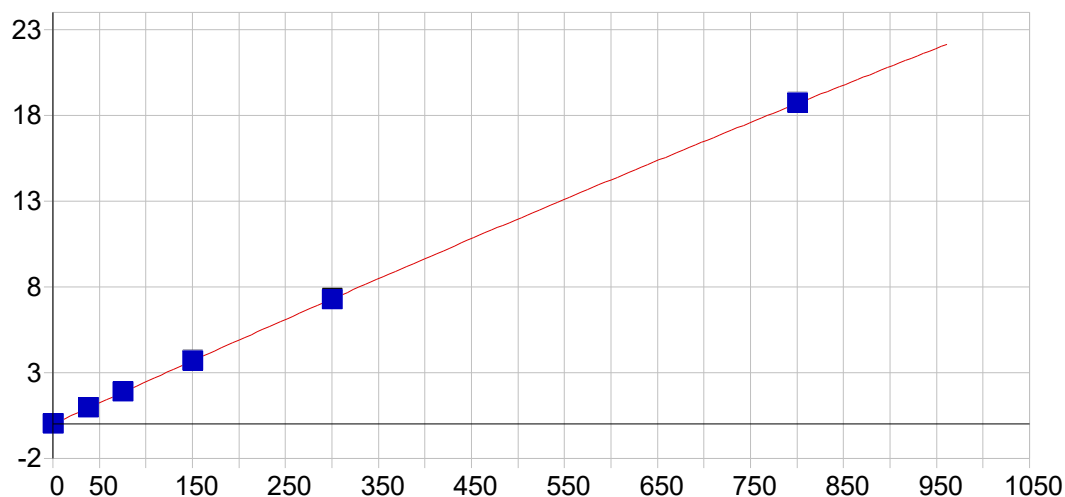


Cu 324.754 {104}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002175 Re-Slope: 1.000000
 A1 (Gain): 0.194685 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999966 Status: OK.
 Std Error of Est: 0.000075
 Predicted MDL: 0.002870
 Predicted MQL: 0.009566

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00217	.001	1
S1	.02500	.02286	-.002	-8.57	.00760	.000	1
S2	3.7500	3.8403	.090	2.41	.76152	.002	1
S3	7.5000	7.5829	.083	1.10	1.5019	.001	1
S4	15.000	14.971	-.029	-.195	2.9636	.006	1
S5	30.000	29.859	-.141	-.471	5.9089	.007	1



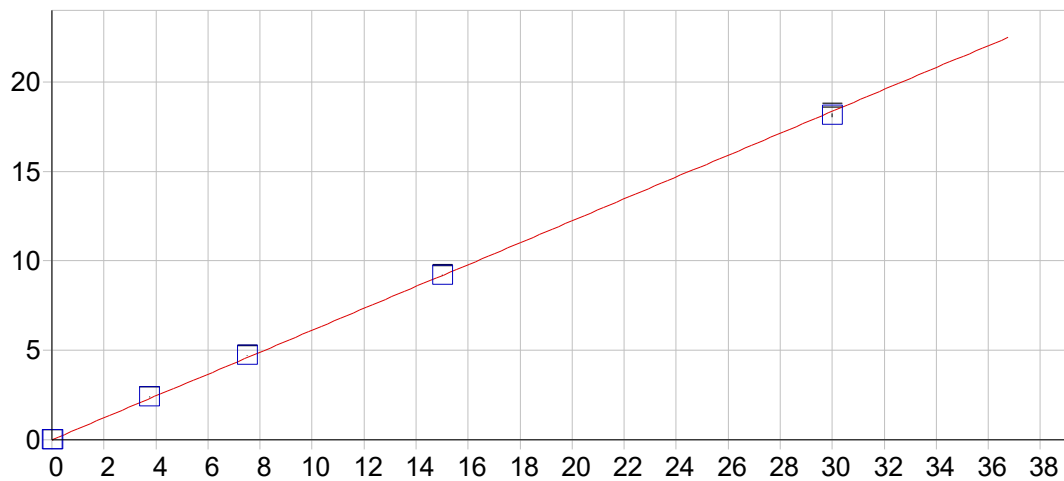
Fe 259.837 {130}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000016 Re-Slope: 1.000000

A1 (Gain): 0.024898 Y-int: 0.000000
 A2 (Curvature): -0.000002
 n (Exponent): 1.000000
 Correlation: 0.999977 Status: OK.
 Std Error of Est: 0.000078
 Predicted MDL: 0.009889
 Predicted MQL: 0.032962

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00002	.000	1
S1	.10000	.11386	.014	13.9	.00295	.000	1
S2	37.500	38.381	.881	2.35	.95469	.003	1
S3	75.000	76.007	1.01	1.34	1.8851	.009	1
S4	150.00	149.72	-.283	-.189	3.6919	.017	1
S5	300.00	297.44	-2.56	-.853	7.2497	.059	1
S6	800.00	800.95	.951	.119	18.724	.026	1

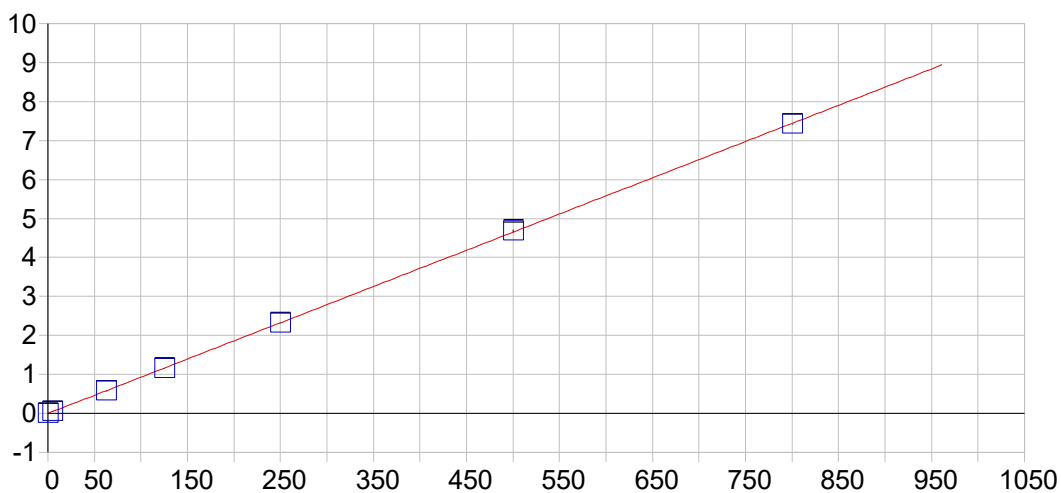


Mn 257.610 {131}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000493 Re-Slope: 1.000000
 A1 (Gain): 0.611824 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999866 Status: OK.
 Std Error of Est: 0.000357
 Predicted MDL: 0.000461
 Predicted MQL: 0.001537

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00049	.000	1
S1	.01500	.01689	.002	12.6	.01083	.000	1
S2	3.7500	3.8954	.145	3.88	2.3838	.004	1
S3	7.5000	7.6882	.188	2.51	4.7043	.013	1
S4	15.000	15.030	.030	.201	9.1963	.047	1
S5	30.000	29.634	-.366	-1.22	18.132	.105	1

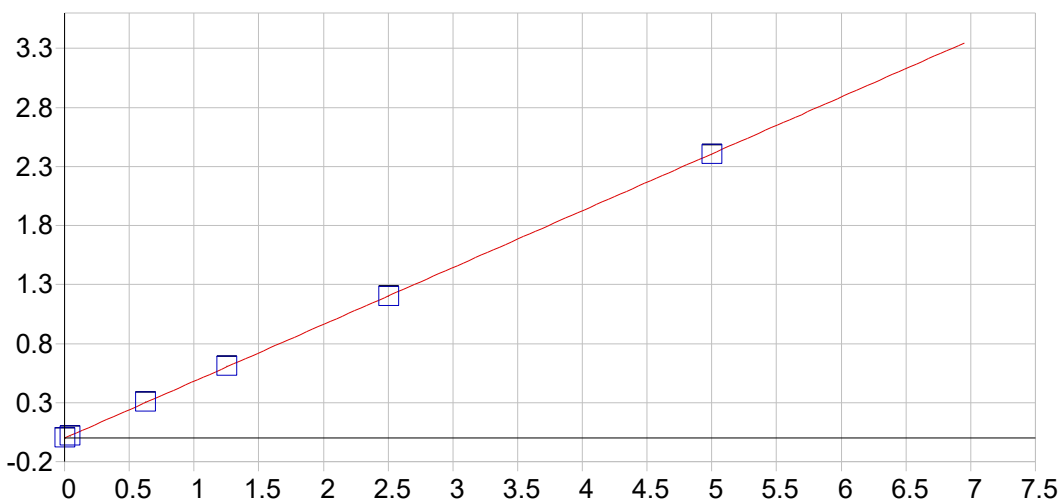


Mg 279.079 {121}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000056 Re-Slope: 1.000000
 A1 (Gain): 0.009300 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988 Status: OK.
 Std Error of Est: 0.000159
 Predicted MDL: 0.032004
 Predicted MQL: 0.106680

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00021	-.000	.000	-.00006	.000	1
S1	5.0000	5.2543	.254	5.09	.04881	.000	1
S2	62.500	62.083	-.417	-.667	.57730	.001	1
S3	125.00	124.60	-.401	-.321	1.1587	.005	1
S4	250.00	249.49	-.514	-.206	2.3201	.009	1
S5	500.00	503.07	3.07	.614	4.6784	.032	1
S6	800.00	798.01	-1.99	-.249	7.4212	.005	1

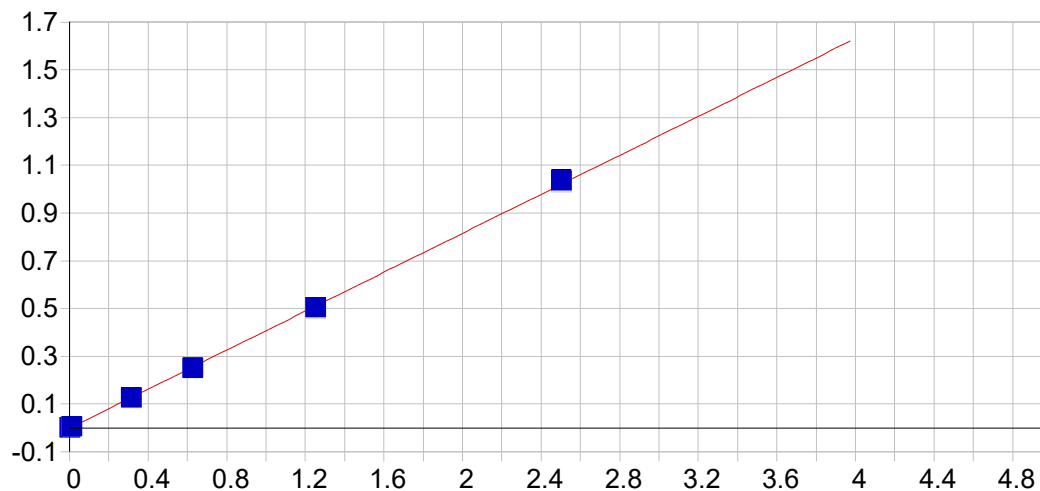


Ni 231.604 {446}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001251 Re-Slope: 1.000000
 A1 (Gain): 0.481621 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976 Status: OK.
 Std Error of Est: 0.000080
 Predicted MDL: 0.000447
 Predicted MQL: 0.001490

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00125	.000	1
S1	.04000	.04287	.003	7.17	.01939	.000	1
S2	.62500	.63074	.006	.919	.30253	.000	1
S3	1.2500	1.2630	.013	1.04	.60704	.001	1
S4	2.5000	2.4939	-.006	-.243	1.1999	.003	1
S5	5.0000	4.9845	-.016	-.311	2.3994	.003	1

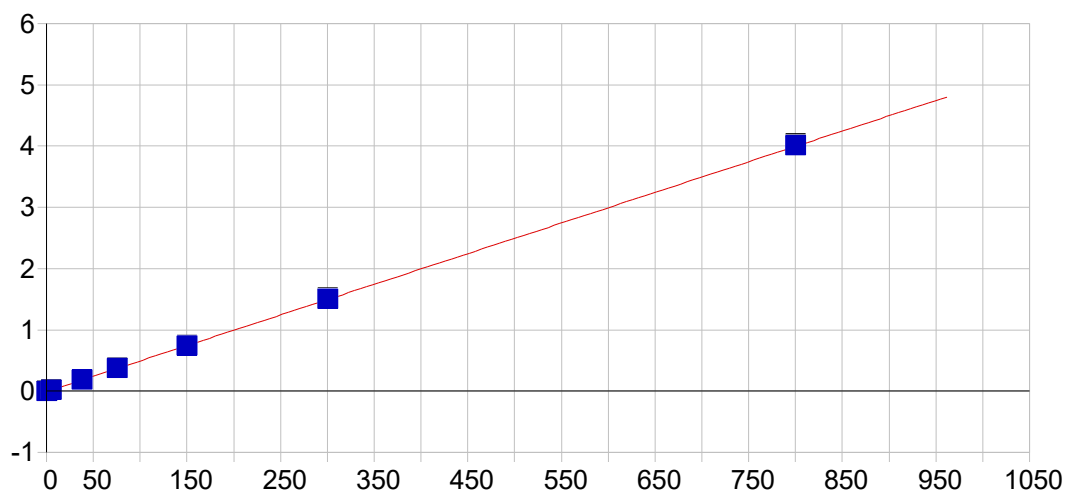


Ag 328.068 {103}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000778 Re-Slope: 1.000000
 A1 (Gain): 0.408066 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999878 Status: OK.
 Std Error of Est: 0.000053
 Predicted MDL: 0.000429
 Predicted MQL: 0.001431

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00078	.000	1
S1	.01000	.01064	.001	6.41	.00353	.000	1
S2	.31250	.30547	-.007	-2.25	.12278	.001	1
S3	.62500	.61364	-.011	-1.82	.24744	.001	1
S4	1.2500	1.2330	-.017	-1.36	.49798	.001	1
S5	2.5000	2.5348	.035	1.39	1.0249	.006	1

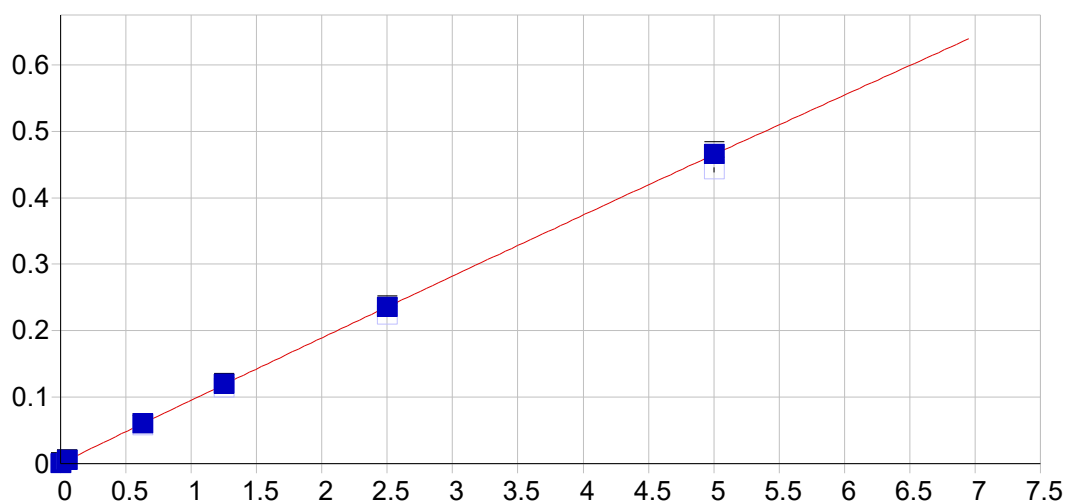


Na 818.326 { 41}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007628 Re-Slope: 1.000000
 A1 (Gain): 0.005003 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999991 Status: OK.
 Std Error of Est: 0.000067
 Predicted MDL: 0.315437
 Predicted MQL: 1.051458

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00020	.000	.000	-.00763	.001	1
S1	5.0000	4.8970	-.103	-2.06	.01688	.001	1
S2	37.500	37.218	-.282	-.751	.17943	.001	1
S3	75.000	74.290	-.710	-.947	.36574	.002	1
S4	150.00	148.85	-1.15	-.765	.74048	.002	1
S5	300.00	301.22	1.22	.406	1.5062	.009	1
S6	800.00	801.02	1.02	.128	4.0180	.016	1

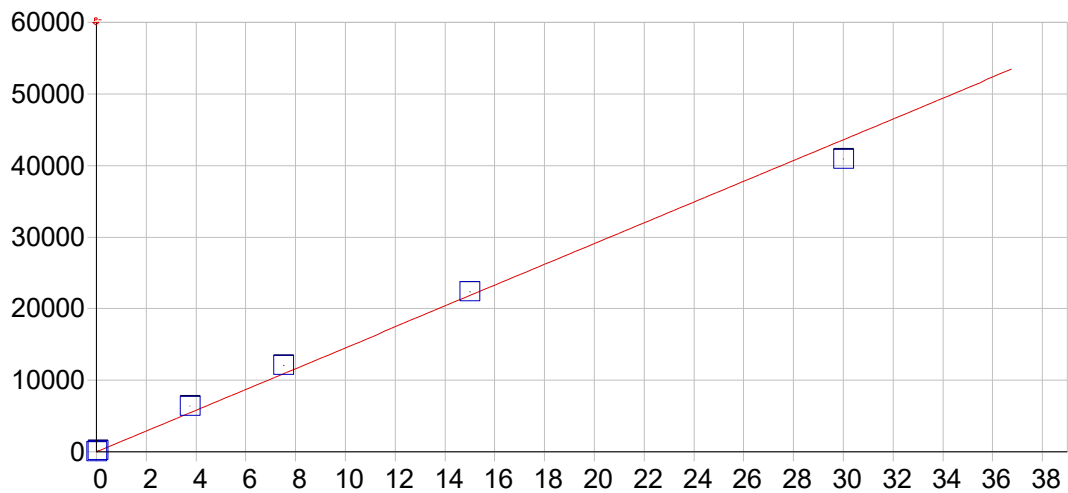


V 292.402 {115}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000474 Re-Slope: 1.000000
 A1 (Gain): 0.095427 Y-int: 0.000000
 A2 (Curvature): -0.000514
 n (Exponent): 1.000000
 Correlation: 0.999995 Status: OK.
 Std Error of Est: 0.000008
 Predicted MDL: 0.003579
 Predicted MQL: 0.011930

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00047	.000	1
S1	.05000	.05016	.000	.310	.00525	.000	1
S2	.62500	.62383	-.001	-.188	.05695	.000	1
S3	1.2500	1.2572	.007	.579	.11392	.000	1
S4	2.5000	2.4908	-.009	-.369	.22354	.002	1
S5	5.0000	5.0030	.003	.060	.44217	.004	1

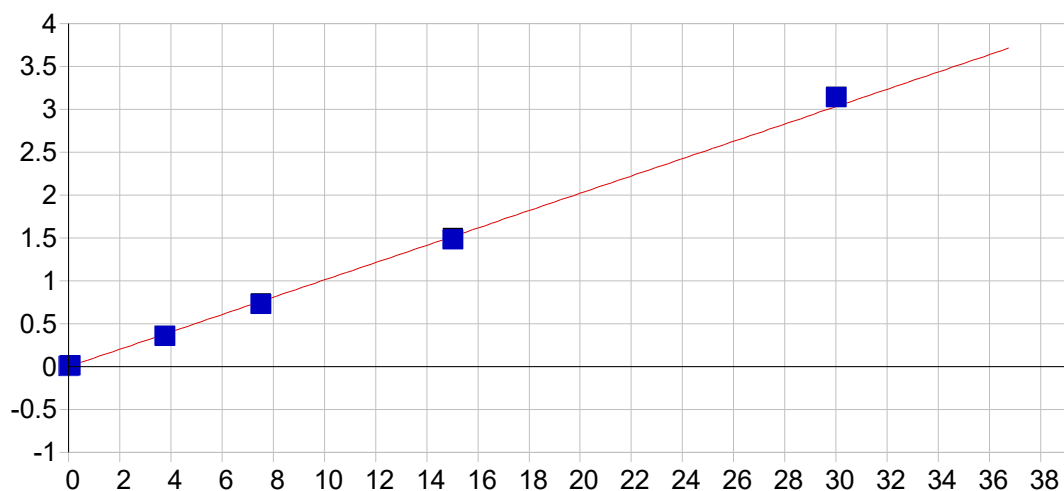


Zn 206.200 (464)

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 2.457635 Re-Slope: 1.000000
 A1 (Gain): 1453.735628 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.996917 Status: OK.
 Std Error of Est: 8.141066
 Predicted MDL: 0.000385
 Predicted MQL: 0.001285

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00005	-.000	.000	2.3852	.275	1
S1	.06000	.09516	.035	58.6	140.79	.410	1
S2	3.7500	4.3944	.644	17.2	6390.8	7.83	1
S3	7.5000	8.3231	.823	11.0	12102.	8.27	1
S4	15.000	15.376	.376	2.51	22355.	41.4	1
S5	30.000	28.121	-1.88	-6.26	40883.	52.4	1

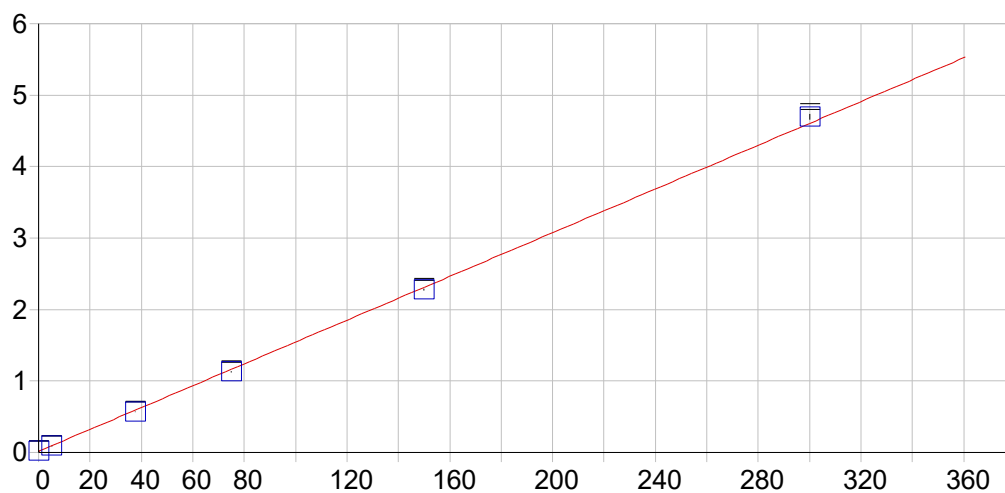


Zn 213.856 {158}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000161 Re-Slope: 1.000000
 A1 (Gain): 0.101059 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999294 Status: OK.
 Std Error of Est: 0.000271
 Predicted MDL: 0.005674
 Predicted MQL: 0.018912

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00016	.000	1
S1	.06000	.06671	.007	11.2	.00692	.001	1
S2	3.7500	3.5026	-.247	-6.60	.35475	.006	1
S3	7.5000	7.1331	-.367	-4.89	.72226	.006	1
S4	15.000	14.597	-.403	-2.69	1.4778	.014	1
S5	30.000	31.010	1.01	3.37	3.1390	.003	1



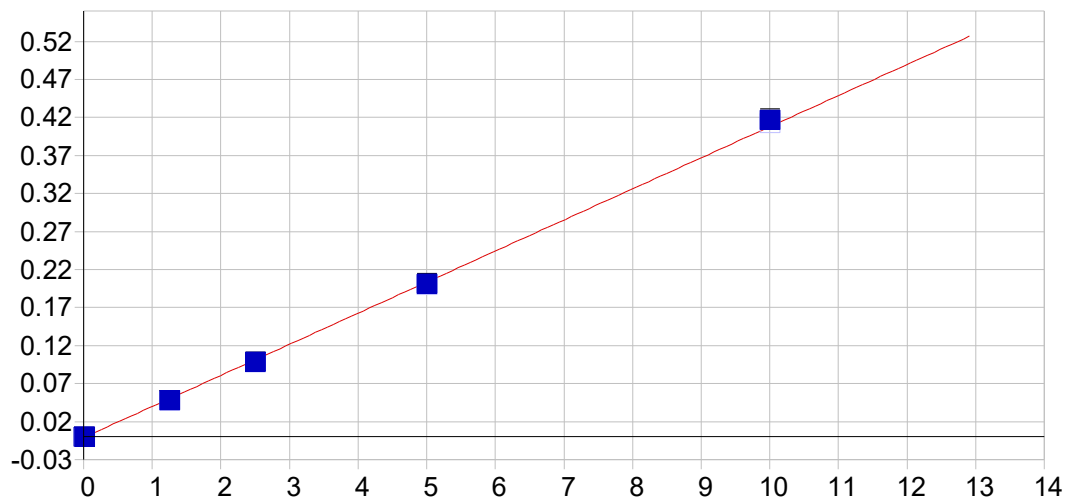
K 769.896 {44}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.016496 Re-Slope: 1.000000

A1 (Gain): 0.015294 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999760 Status: OK.
 Std Error of Est: 0.000691
 Predicted MDL: 0.102393
 Predicted MQL: 0.341311

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00039	.000	.000	.01650	.001	1
S1	5.0000	4.9261	-.074	-1.48	.09183	.001	1
S2	37.500	35.984	-1.52	-4.04	.56682	.003	1
S3	75.000	72.812	-2.19	-2.92	1.1301	.009	1
S4	150.00	147.87	-2.13	-1.42	2.2780	.011	1
S5	300.00	305.91	5.91	1.97	4.6950	.042	1

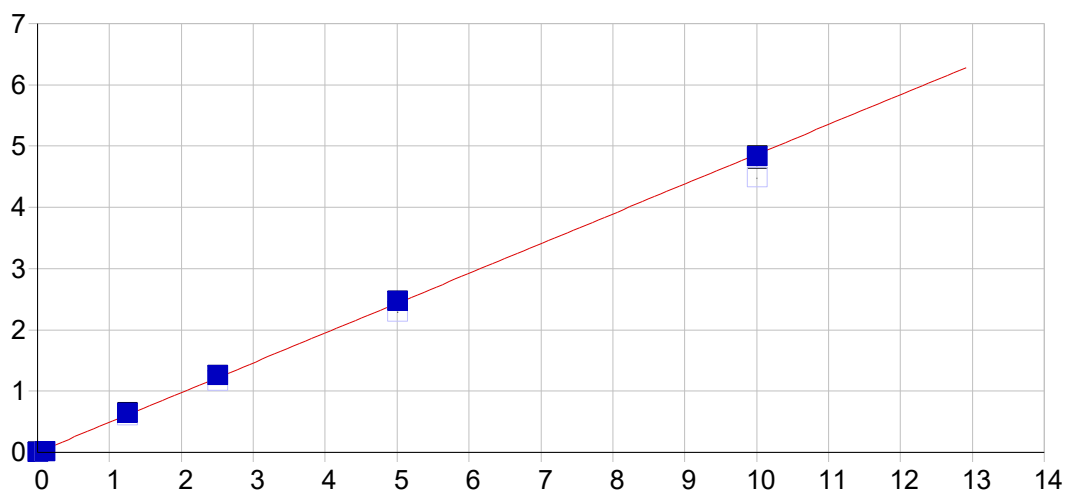


P 177.495 {490}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000954 Re-Slope: 1.000000
 A1 (Gain): 0.040878 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999697 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.002485
 Predicted MQL: 0.008284

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00095	.000	1
S1	.01000	.01126	.001	12.6	-.00049	.000	1
S2	1.2500	1.1860	-.064	-5.12	.04696	.000	1
S3	2.5000	2.4171	-.083	-3.31	.09671	.000	1
S4	5.0000	4.9403	-.060	-1.19	.19870	.001	1
S5	10.000	10.205	.205	2.05	.41164	.001	1

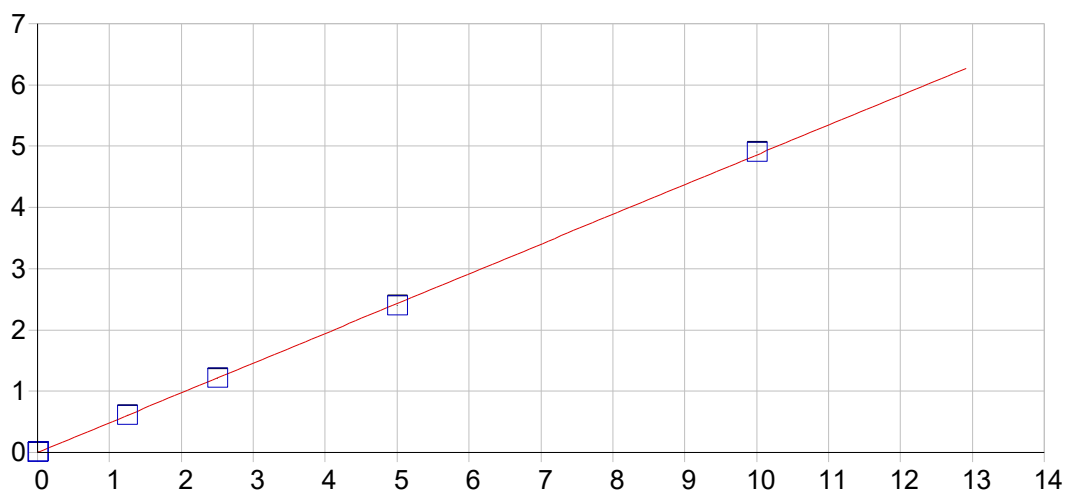


B 249.678 {135}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003221 Re-Slope: 1.000000
 A1 (Gain): 0.486263 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997307 Status: OK.
 Std Error of Est: 0.001763
 Predicted MDL: 0.001015
 Predicted MQL: 0.003382

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	.00326	.000	1
S1	.10000	.00899	-.091	-91.0	.00750	.000	1
S2	1.2500	1.3010	.051	4.08	.59174	.007	1
S3	2.5000	2.5625	.062	2.50	1.1610	.007	1
S4	5.0000	5.0576	.058	1.15	2.2861	.003	1
S5	10.000	9.9269	-.073	-.731	4.4774	.002	1



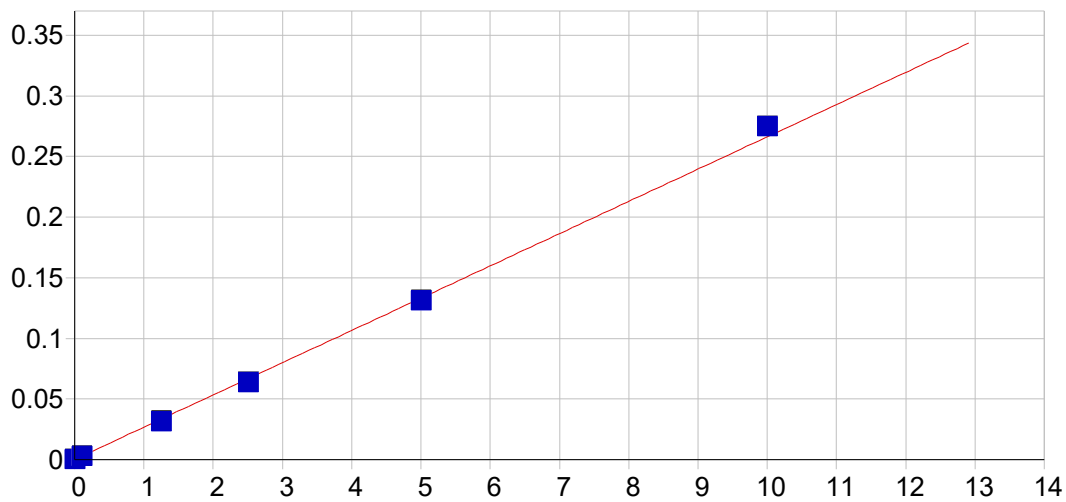
Mo 202.030 {467}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000194 Re-Slope: 1.000000

A1 (Gain): 0.485796 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948 Status: OK.
 Std Error of Est: 0.000083
 Predicted MDL: 0.000335
 Predicted MQL: 0.001117

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00019	.000	1
S1	.01000	.01061	.001	6.10	.00535	.000	1
S2	1.2500	1.2445	-.006	-.443	.60475	.001	1
S3	2.5000	2.4844	-.016	-.623	1.2071	.002	1
S4	5.0000	4.9300	-.070	-1.40	2.3952	.004	1
S5	10.000	10.091	.091	.905	4.9021	.004	1

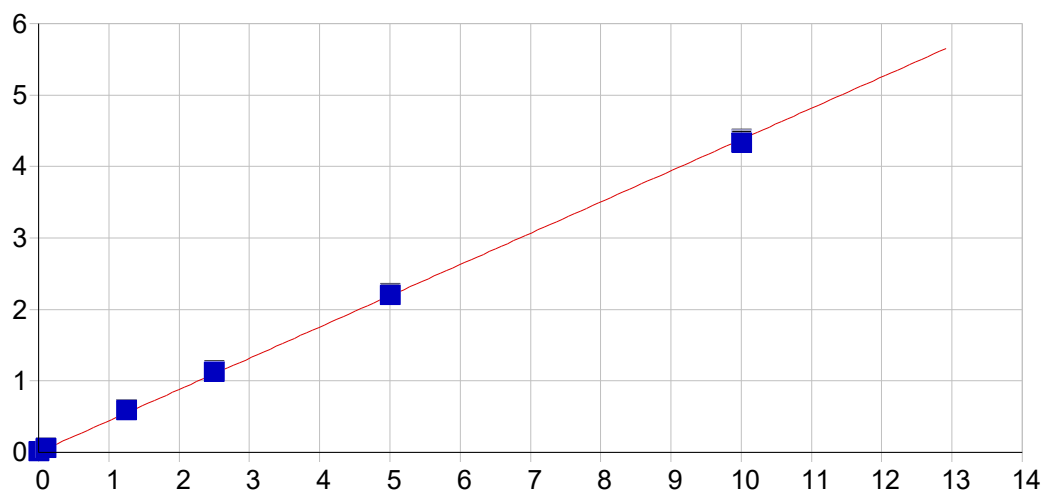


S 182.034 {485}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000151 Re-Slope: 1.000000
 A1 (Gain): 0.026605 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999395 Status: OK.
 Std Error of Est: 0.000049
 Predicted MDL: 0.004137
 Predicted MQL: 0.013792

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00015	.000	1
S1	.10000	.08674	-.013	-13.3	.00246	.000	1
S2	1.2500	1.1710	-.079	-6.32	.03137	.000	1
S3	2.5000	2.3836	-.116	-4.66	.06371	.000	1
S4	5.0000	4.9077	-.092	-1.85	.13100	.000	1
S5	10.000	10.301	.301	3.01	.27476	.000	1

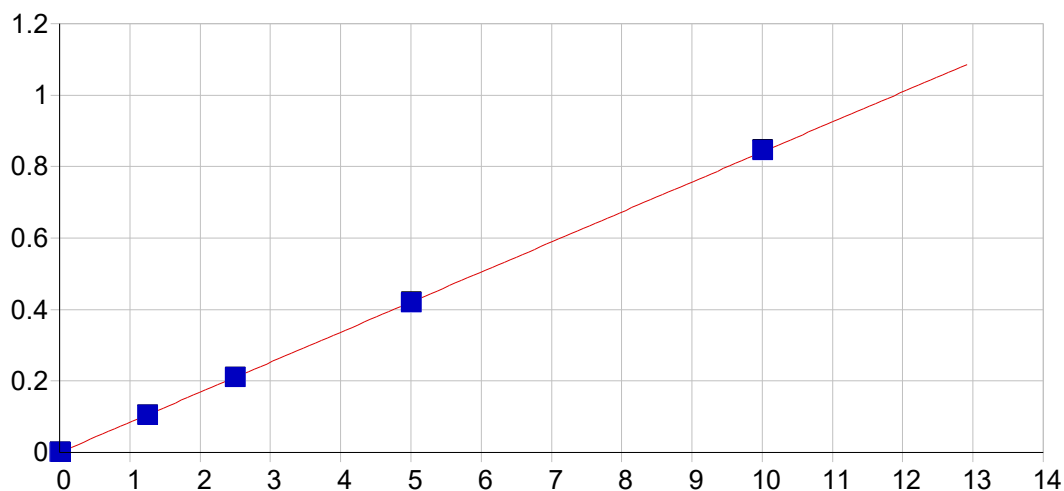


Si 251.611 {134}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005262 Re-Slope: 1.000000
 A1 (Gain): 0.437235 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999835 Status: OK.
 Std Error of Est: 0.000426
 Predicted MDL: 0.001077
 Predicted MQL: 0.003590

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00526	.000	1
S1	.10000	.10135	.001	1.35	.04973	.001	1
S2	1.2500	1.3215	.071	5.72	.58789	.007	1
S3	2.5000	2.5469	.047	1.88	1.1285	.008	1
S4	5.0000	4.9958	-.004	-.085	2.2089	.008	1
S5	10.000	9.8845	-.115	-1.15	4.3658	.018	1



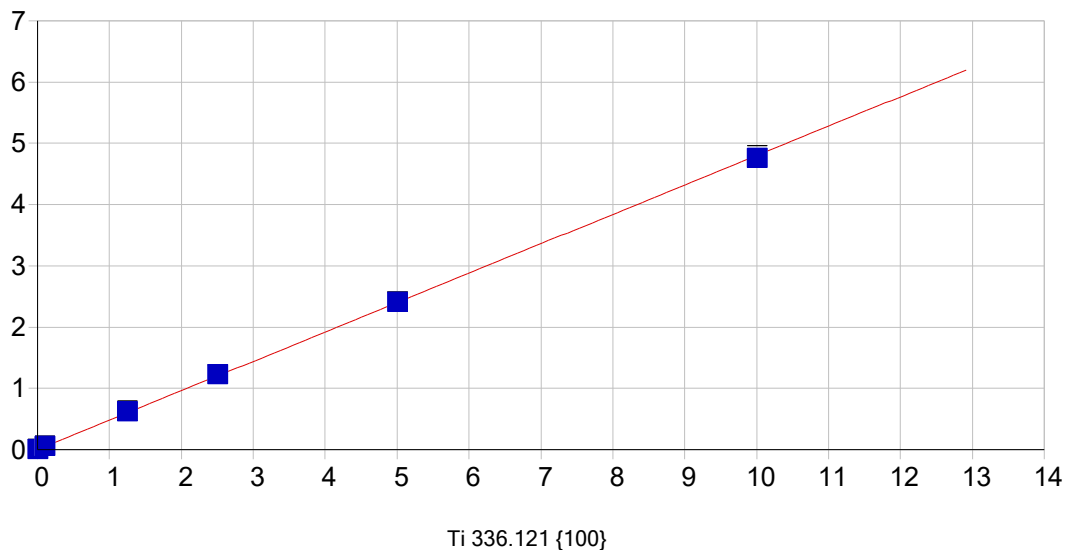
Sn 189.989 {478}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000320 Re-Slope: 1.000000

A1 (Gain): 0.084062 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.001146
 Predicted MQL: 0.003821

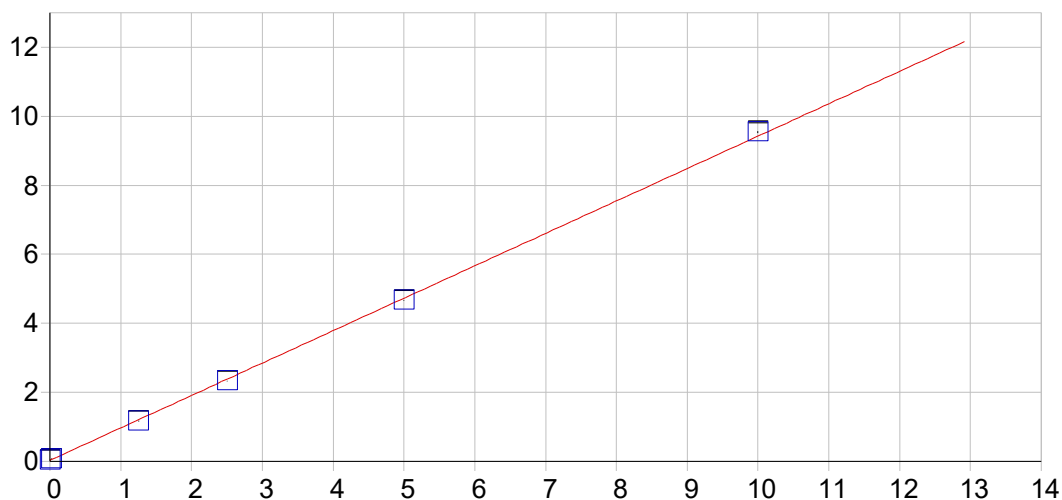
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00032	.000	1
S1	.00700	.00539	-.002	-22.9	.00076	.000	1
S2	1.2500	1.2305	-.019	-1.56	.10354	.000	1
S3	2.5000	2.4857	-.014	-.571	.20884	.000	1
S4	5.0000	4.9812	-.019	-.376	.41818	.001	1
S5	10.000	10.054	.054	.541	.84375	.001	1



Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001212 Re-Slope: 1.000000
 A1 (Gain): 0.479889 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999933 Status: OK.
 Std Error of Est: 0.000295
 Predicted MDL: 0.001298
 Predicted MQL: 0.004327

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00121	.000	1
S1	.10000	.10353	.004	3.53	.05088	.000	1
S2	1.2500	1.2878	.038	3.02	.61900	.004	1
S3	2.5000	2.5355	.035	1.42	1.2175	.008	1
S4	5.0000	5.0092	.009	.185	2.4043	.009	1
S5	10.000	9.9140	-.086	-.860	4.7572	.039	1

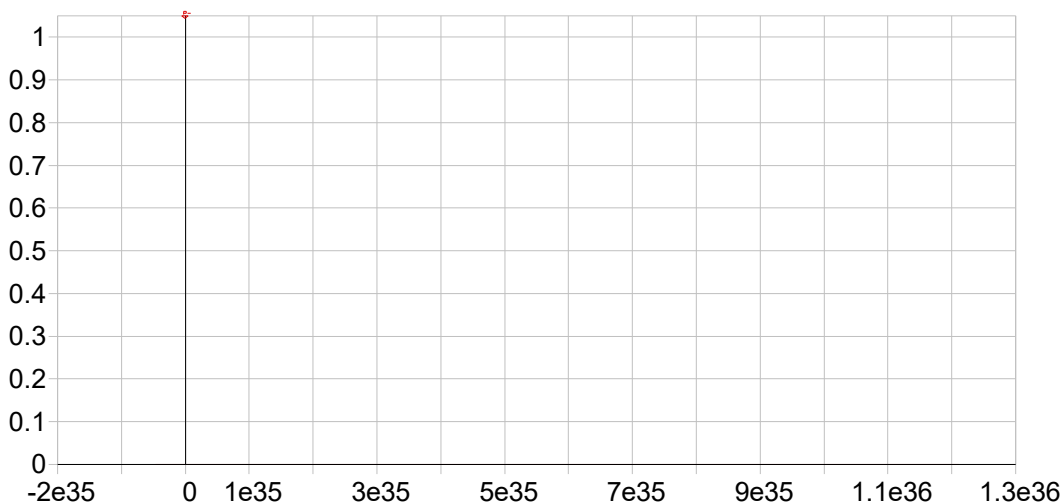


Li 670.784 { 50}

Date of Fit: 12/03/2019 15:08:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.030902 Re-Slope: 1.000000
 A1 (Gain): 0.939375 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998196 Status: OK.
 Std Error of Est: 0.001160
 Predicted MDL: 0.001841
 Predicted MQL: 0.006138

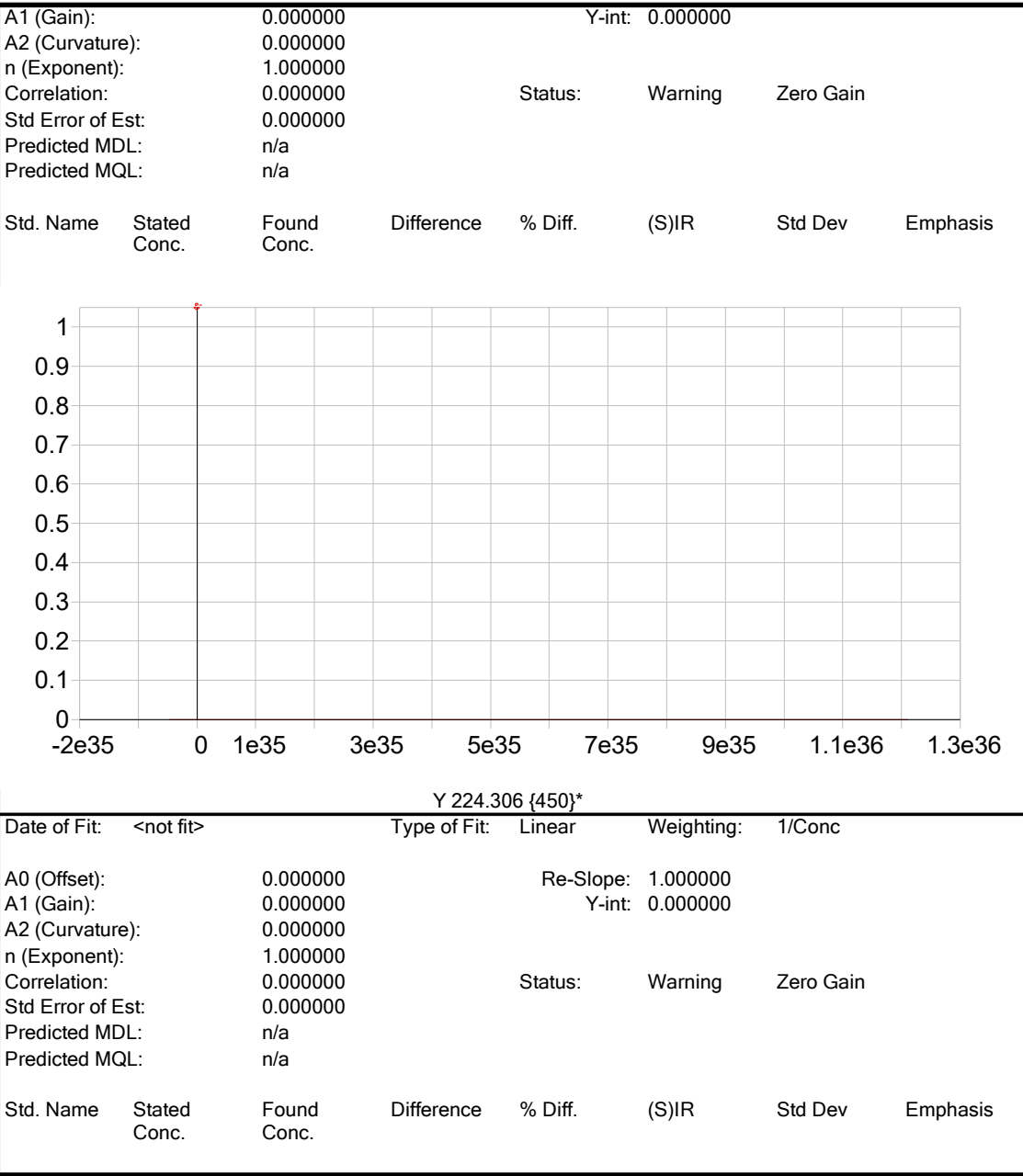
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.03087	.001	1
S5	10.000	10.126	.126	1.26	9.5431	.032	1
S4	5.0000	4.9367	-.063	-1.27	4.6683	.010	1
S3	2.5000	2.4457	-.054	-2.17	2.3283	.010	1
S2	1.2500	1.2108	-.039	-3.14	1.1683	.004	1
S1	.01500	.04574	.031	205.	.07387	.001	1

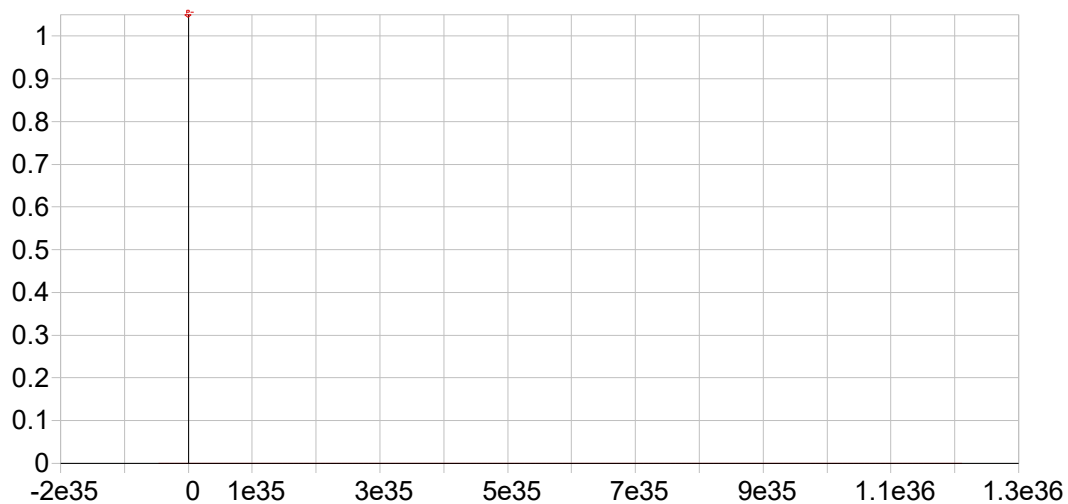


Y 224.306 {150}*

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

A0 (Offset): 0.000000 Re-Slope: 1.000000

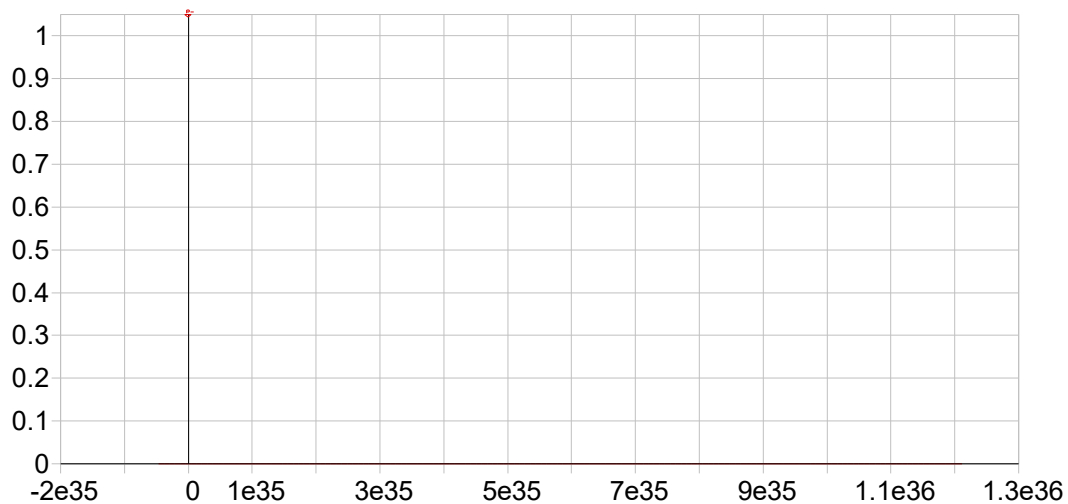




Y 360.073 { 94}*

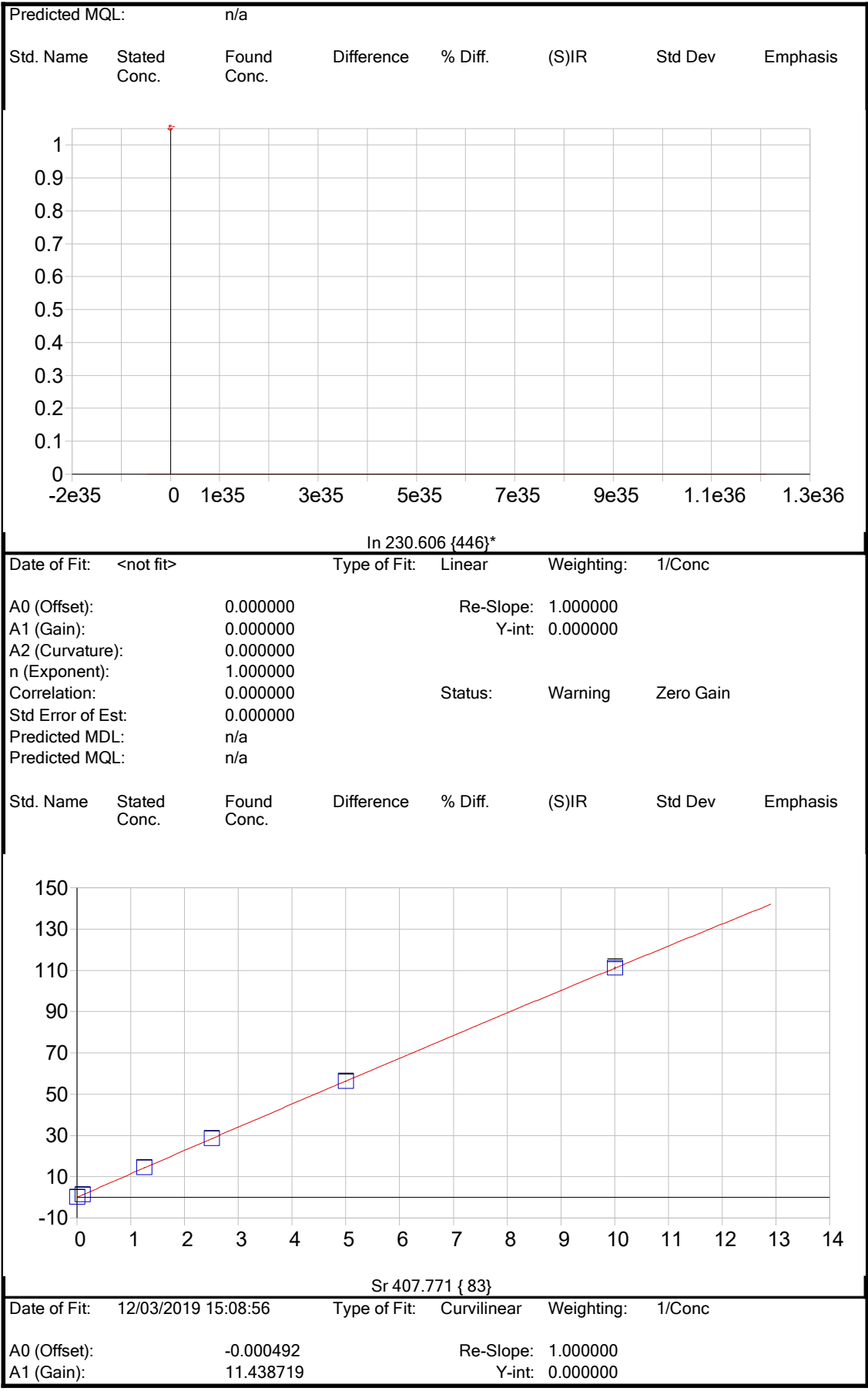
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000	Re-Slope:	1.000000		
A1 (Gain):	0.000000	Y-int:	0.000000		
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000	Status:	Warning	Zero Gain	
Std Error of Est:	0.000000				
Predicted MDL:	n/a				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

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



A2 (Curvature):	-0.033602						
n (Exponent):	1.000000						
Correlation:	0.999992			Status:	OK.		
Std Error of Est:	0.002826						
Predicted MDL:	0.000083						
Predicted MQL:	0.000276						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00054	.001	1
S1	.10000	.10350	.004	3.50	1.1831	.001	1
S2	1.2500	1.2560	.006	.484	14.314	.025	1
S3	2.5000	2.5055	.006	.220	28.448	.088	1
S4	5.0000	4.9737	-.026	-.527	56.061	.255	1
S5	10.000	10.011	.011	.113	111.15	.739	1