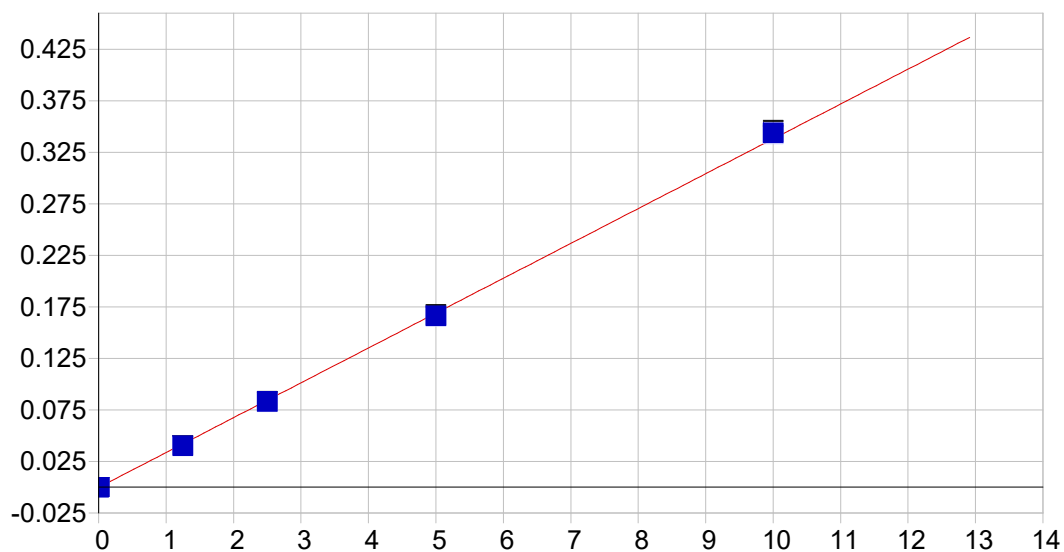


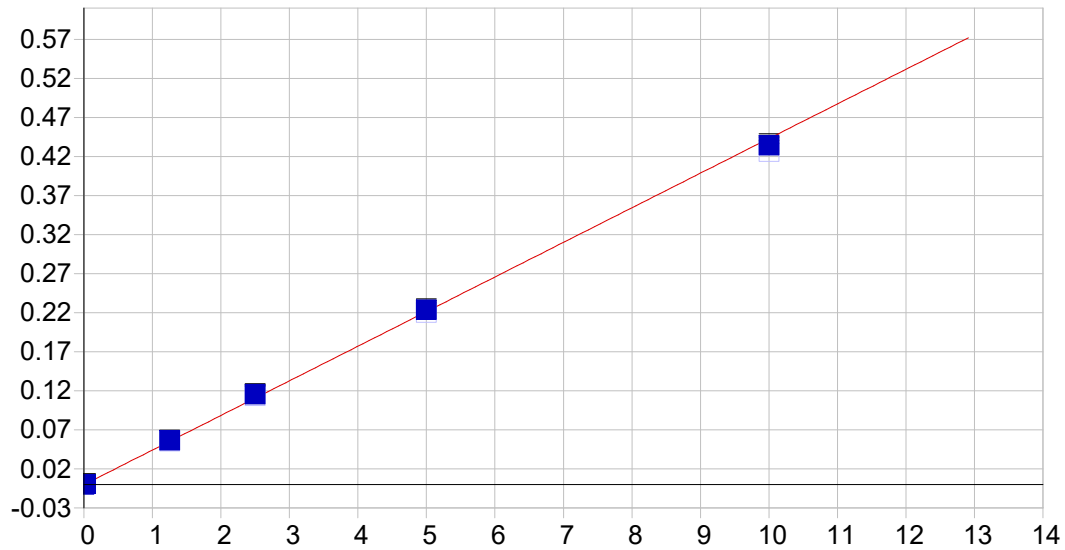


As 189.042 {479}

Date of Fit: 03/04/2019 23:54:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000171 Re-Slope: 1.000000
 A1 (Gain): 0.033818 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999794 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.003797
 Predicted MQL: 0.012658

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00017	.000	1
S1	.01000	.01072	.001	7.20	.00019	.000	1
S2	1.2500	1.1911	-.059	-4.71	.03996	.000	1
S3	2.5000	2.4582	-.042	-1.67	.08266	.000	1
S4	5.0000	4.9254	-.075	-1.49	.16579	.001	1
S5	10.000	10.175	.175	1.75	.34271	.003	1

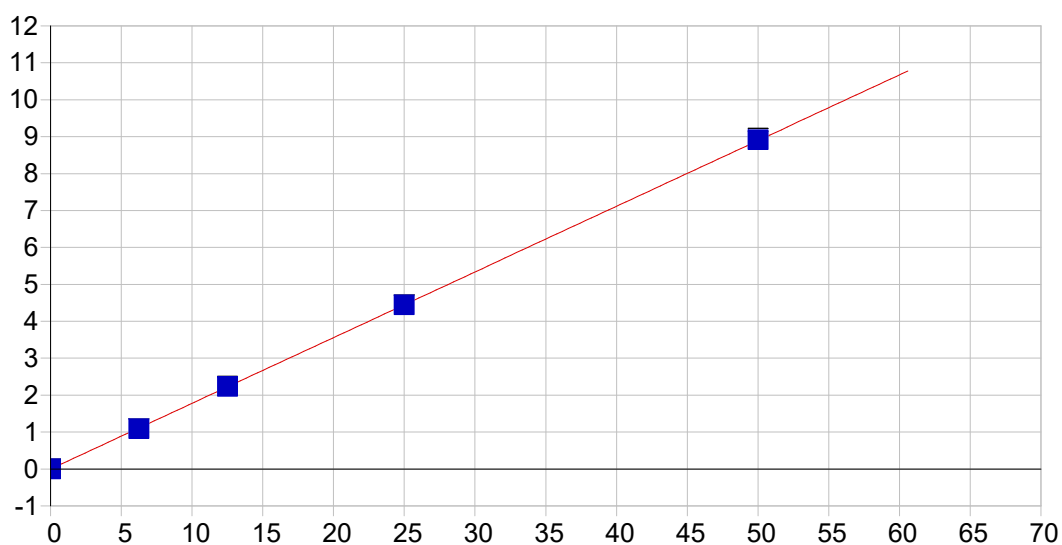


TI 190.856 {477}

Date of Fit: 03/04/2019 23:54:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000248 Re-Slope: 1.000000
 A1 (Gain): 0.044322 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999717 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.002592
 Predicted MQL: 0.008641

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00025	.000	1
S1	.02500	.02662	.002	6.50	.00089	.000	1
S2	1.2500	1.2784	.028	2.27	.05539	.000	1
S3	2.5000	2.6116	.112	4.46	.11346	.001	1
S4	5.0000	5.0555	.056	1.11	.21974	.001	1
S5	10.000	9.8029	-.197	-1.97	.42606	.002	1

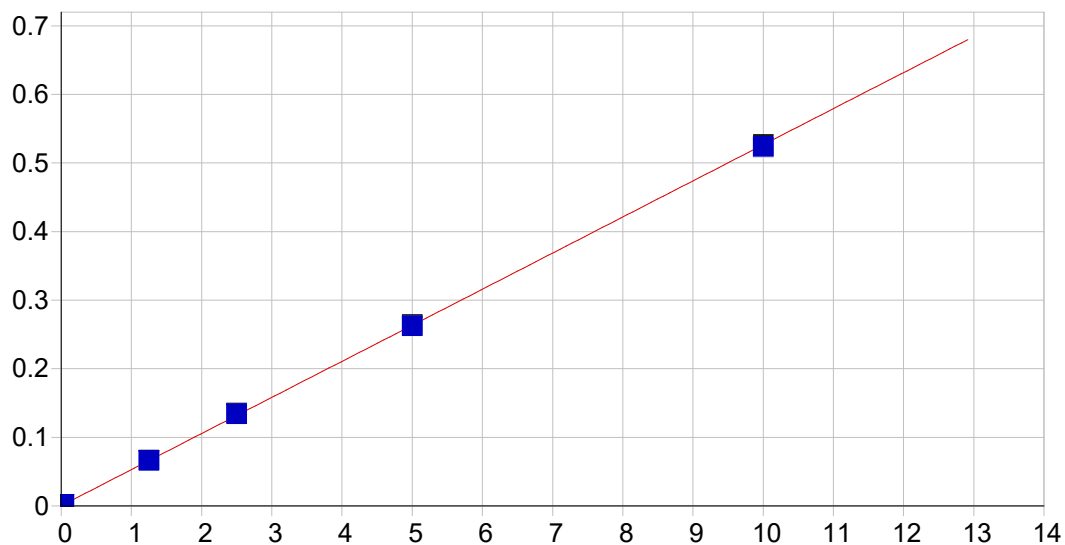


Pb 220.353 {453}

Date of Fit: 03/04/2019 23:54:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000127	Re-Slope:	1.000000
A1 (Gain):	0.177893	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999983	Status:	OK.
Std Error of Est:	0.000039		
Predicted MDL:	0.001708		
Predicted MQL:	0.005694		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00013	.000	1
S1	.01000	.00945	-.001	-5.45	.00155	.000	1
S2	6.2500	6.1225	-.128	-2.04	1.0889	.003	1
S3	12.500	12.552	.052	.415	2.2325	.008	1
S4	25.000	24.959	-.041	-.164	4.4394	.013	1
S5	50.000	50.117	.117	.235	8.9145	.040	1

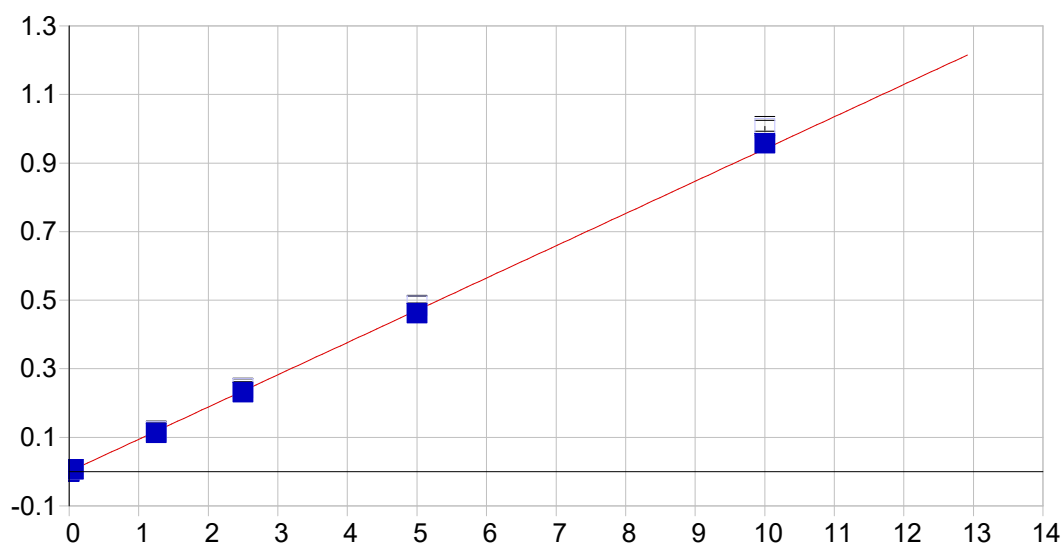


Se 196.090 {472}

Date of Fit: 03/04/2019 23:54:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000250 Re-Slope: 1.000000
 A1 (Gain): 0.052631 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999891 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.003289
 Predicted MQL: 0.010964

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00025	.000	1
S1	.03500	.04508	.010	28.8	.00262	.000	1
S2	1.2500	1.2523	.002	.183	.06599	.000	1
S3	2.5000	2.5480	.048	1.92	.13401	.001	1
S4	5.0000	4.9866	-.013	-.267	.26201	.001	1
S5	10.000	9.9529	-.047	-.471	.52270	.003	1

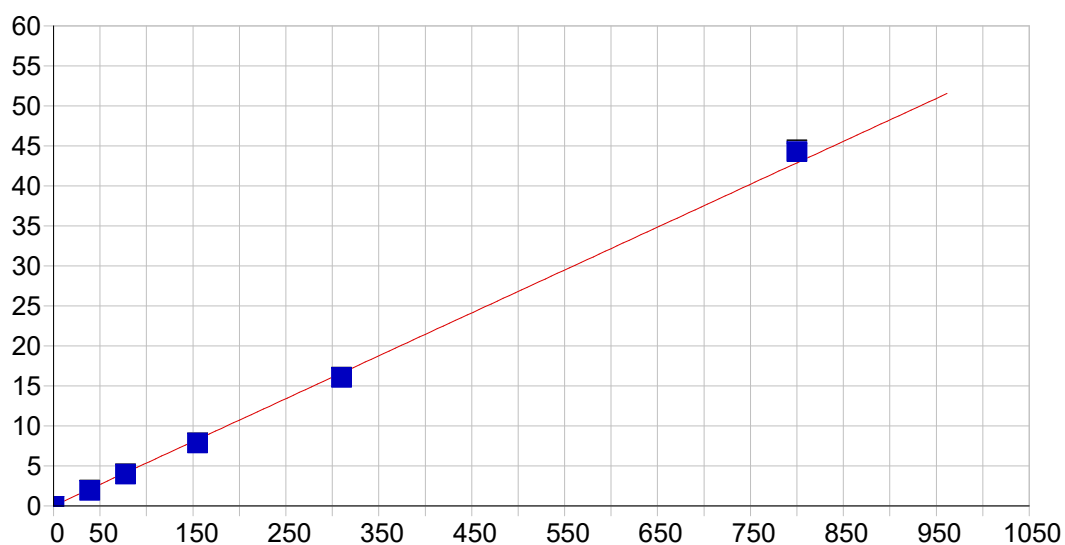


Sb 206.833 {463}

Date of Fit: 03/04/2019 23:54:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000228	Re-Slope:	1.000000
A1 (Gain):	0.094070	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999759	Status:	OK.
Std Error of Est:	0.000089		
Predicted MDL:	0.002051		
Predicted MQL:	0.006837		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00023	.000	1
S1	.06000	.06995	.010	16.6	.00681	.000	1
S2	1.2500	1.1923	-.058	-4.62	.11780	.001	1
S3	2.5000	2.4605	-.039	-1.58	.24252	.001	1
S4	5.0000	4.9073	-.093	-1.85	.48351	.001	1
S5	10.000	10.180	.180	1.80	1.0012	.006	1

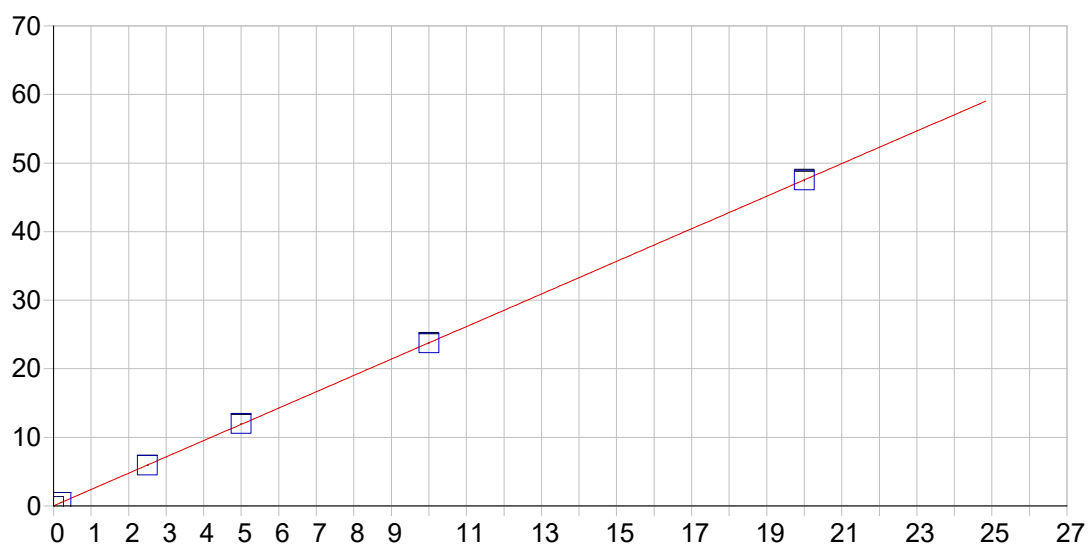


AI 396.152 { 85}

Date of Fit: 03/04/2019 23:54:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003434 Re-Slope: 1.000000
 A1 (Gain): 0.053604 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999261 Status: OK.
 Std Error of Est: 0.001284
 Predicted MDL: 0.018781
 Predicted MQL: 0.062605

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00344	.001	1
S1	.20000	.21452	.015	7.26	.01512	.001	1
S2	38.750	36.030	-2.72	-7.02	1.9389	.008	1
S3	77.500	73.752	-3.75	-4.84	3.9651	.018	1
S4	155.00	146.53	-8.47	-5.47	7.8745	.027	1
S5	310.00	299.14	-10.9	-3.50	16.072	.008	1
S6	800.00	825.82	25.8	3.23	44.298	.200	1

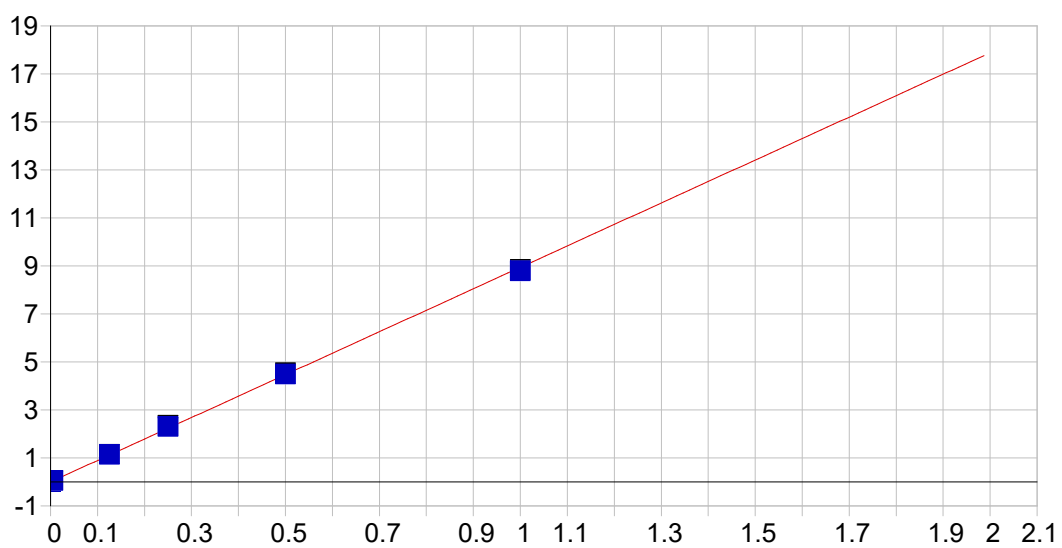


Ba 493.409 { 68}

Date of Fit: 03/04/2019 23:54:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.016670 Re-Slope: 1.000000
 A1 (Gain): 2.376312 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999969 Status: OK.
 Std Error of Est: 0.001977
 Predicted MDL: 0.001220
 Predicted MQL: 0.004068

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.01663	.003	1
S1	.20000	.21928	.019	9.64	.53775	.001	1
S2	2.5000	2.4800	-.020	-.799	5.9100	.006	1
S3	5.0000	5.0351	.035	.702	11.982	.067	1
S4	10.000	9.9841	-.016	-.159	23.742	.088	1
S5	20.000	19.981	-.019	-.093	47.499	.146	1

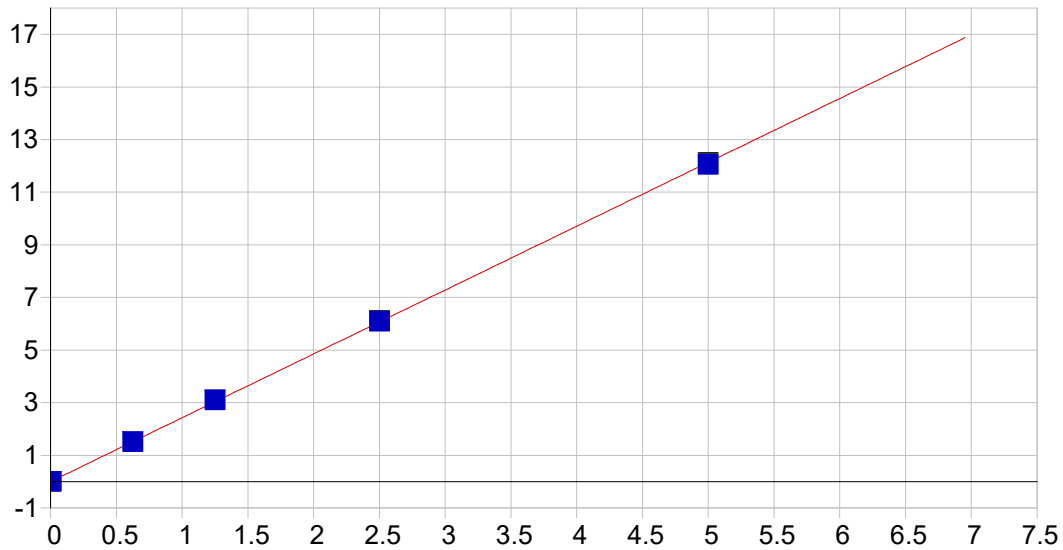


Be 234.861 {144}

Date of Fit: 03/04/2019 23:54:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001880	Re-Slope:	1.000000
A1 (Gain):	8.941828	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999829	Status:	OK.
Std Error of Est:	0.000618		
Predicted MDL:	0.000070		
Predicted MQL:	0.000235		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00189	.000	1
S1	.00500	.00545	.000	9.01	.04683	.001	1
S2	.12500	.12796	.003	2.37	1.1386	.011	1
S3	.25000	.25842	.008	3.37	2.3015	.045	1
S4	.50000	.50314	.003	.628	4.4823	.044	1
S5	1.0000	.98503	-.015	-1.50	8.7764	.048	1

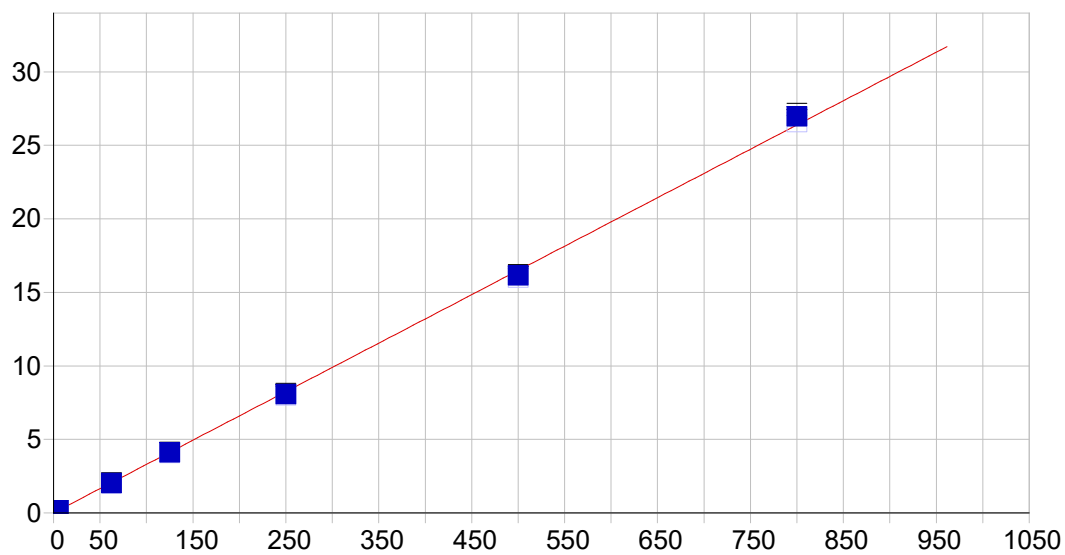


Cd 214.438 {457}

Date of Fit: 03/04/2019 23:54:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000120 Re-Slope: 1.000000
 A1 (Gain): 2.427206 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999950 Status: OK.
 Std Error of Est: 0.000204
 Predicted MDL: 0.000086
 Predicted MQL: 0.000287

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00012	.000	1
S1	.00500	.00552	.001	10.3	.01327	.000	1
S2	.62500	.62456	-.000	-.071	1.5181	.004	1
S3	1.2500	1.2776	.028	2.21	3.1055	.008	1
S4	2.5000	2.5081	.008	.323	6.0968	.020	1
S5	5.0000	4.9643	-.036	-.714	12.068	.052	1

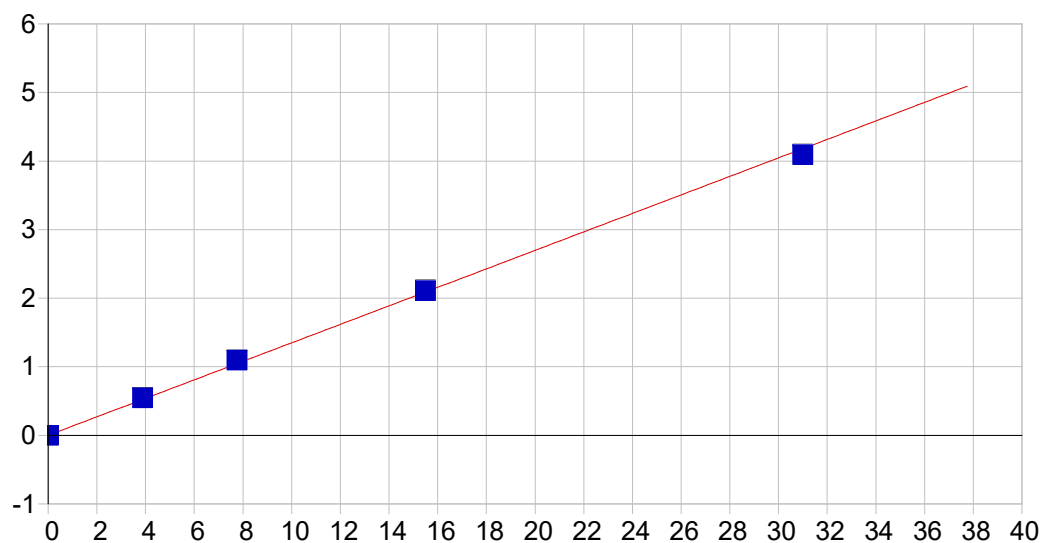


Ca 373.690 { 90}

Date of Fit: 03/04/2019 23:54:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002762 Re-Slope: 1.000000
 A1 (Gain): 0.032982 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999780 Status: OK.
 Std Error of Est: 0.002390
 Predicted MDL: 0.027711
 Predicted MQL: 0.092369

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00007	-.000	.000	.00276	.001	1
S1	5.0000	5.2911	.291	5.82	.17722	.002	1
S2	62.500	61.314	-1.19	-1.90	2.0066	.016	1
S3	125.00	124.35	-.654	-.523	4.0671	.023	1
S4	250.00	244.51	-5.49	-2.19	7.9936	.068	1
S5	500.00	489.76	-10.2	-2.05	16.008	.052	1
S6	800.00	817.38	17.4	2.17	26.568	.215	1

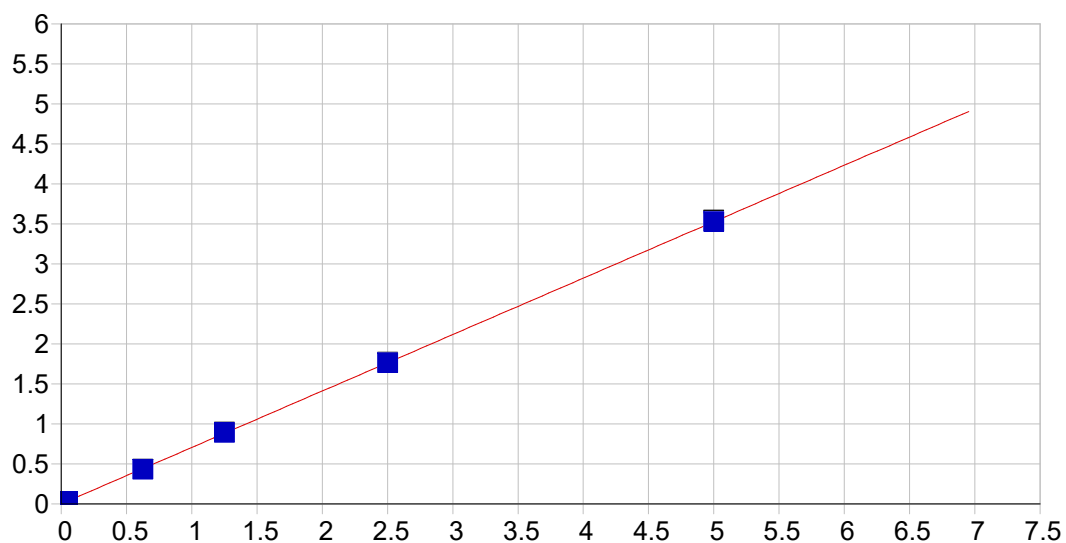


Cr 267.716 {126}

Date of Fit: 03/04/2019 23:54:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000080 Re-Slope: 1.000000
 A1 (Gain): 0.134863 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999662 Status: OK.
 Std Error of Est: 0.000104
 Predicted MDL: 0.000721
 Predicted MQL: 0.002403

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00008	.000	1
S1	.01000	.01190	.002	19.0	.00169	.000	1
S2	3.8750	4.0446	.170	4.38	.54620	.002	1
S3	7.7500	8.1051	.355	4.58	1.0945	.002	1
S4	15.500	15.636	.136	.879	2.1114	.006	1
S5	31.000	30.337	-.663	-2.14	4.0967	.006	1

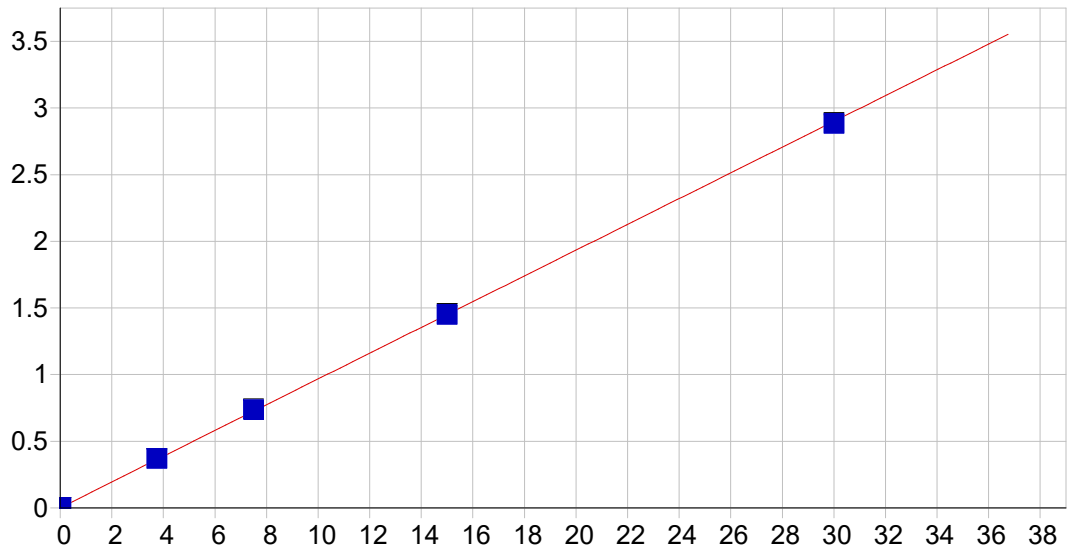


Co 228.616 {448}

Date of Fit: 03/04/2019 23:54:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000274 Re-Slope: 1.000000
 A1 (Gain): 0.705479 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999974 Status: OK.
 Std Error of Est: 0.000136
 Predicted MDL: 0.000292
 Predicted MQL: 0.000973

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00027	.000	1
S1	.05000	.05225	.002	4.50	.03726	.000	1
S2	.62500	.61248	-.013	-2.00	.43307	.001	1
S3	1.2500	1.2633	.013	1.06	.89290	.003	1
S4	2.5000	2.4989	-.001	-.044	1.7660	.005	1
S5	5.0000	4.9981	-.002	-.038	3.5319	.017	1

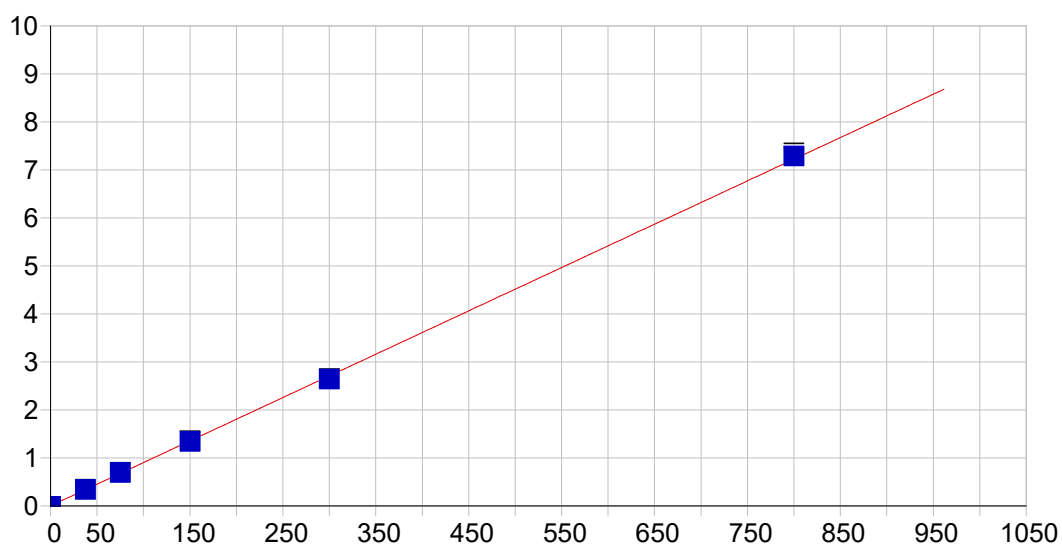


Cu 324.754 {104}

Date of Fit: 03/04/2019 23:54:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001249	Re-Slope:	1.000000
A1 (Gain):	0.096629	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999964	Status:	OK.
Std Error of Est:	0.000037		
Predicted MDL:	0.005866		
Predicted MQL:	0.019554		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00125	.000	1
S1	.02500	.02757	.003	10.3	.00391	.000	1
S2	3.7500	3.8027	.053	1.40	.36843	.001	1
S3	7.5000	7.6223	.122	1.63	.73725	.005	1
S4	15.000	14.996	-.004	-.029	1.4492	.008	1
S5	30.000	29.827	-.173	-.578	2.8812	.007	1

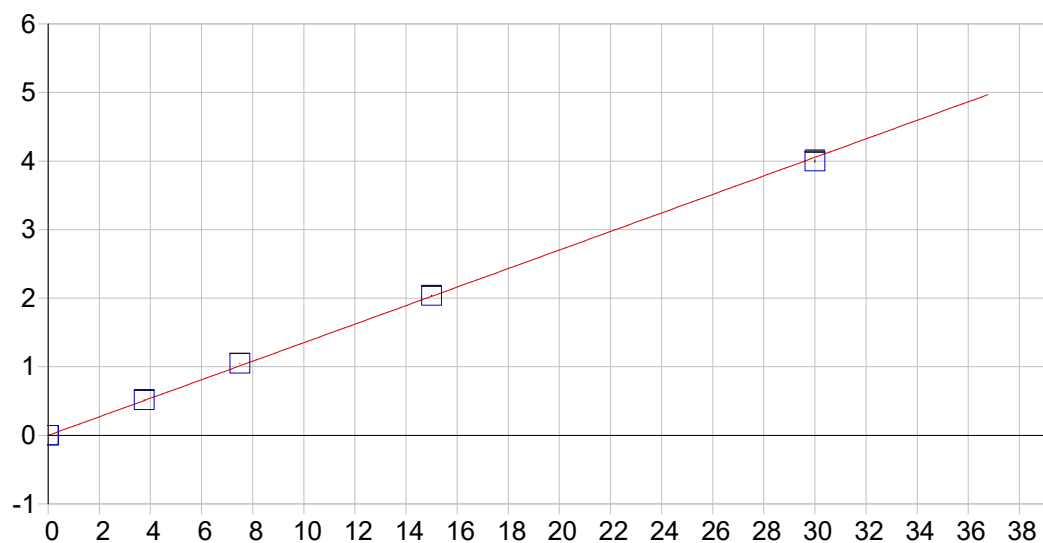


Fe 259.837 {130}

Date of Fit: 03/04/2019 23:54:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000376 Re-Slope: 1.000000
 A1 (Gain): 0.009028 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999874 Status: OK.
 Std Error of Est: 0.000063
 Predicted MDL: 0.029902
 Predicted MQL: 0.099673

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00038	.000	1
S1	.10000	.07937	-.021	-20.6	.00113	.000	1
S2	37.500	37.823	.323	.863	.34256	.001	1
S3	75.000	76.959	1.96	2.61	.69658	.001	1
S4	150.00	148.47	-1.53	-1.02	1.3436	.010	1
S5	300.00	292.12	-7.88	-2.63	2.6433	.006	1
S6	800.00	807.15	7.15	.894	7.2967	.054	1

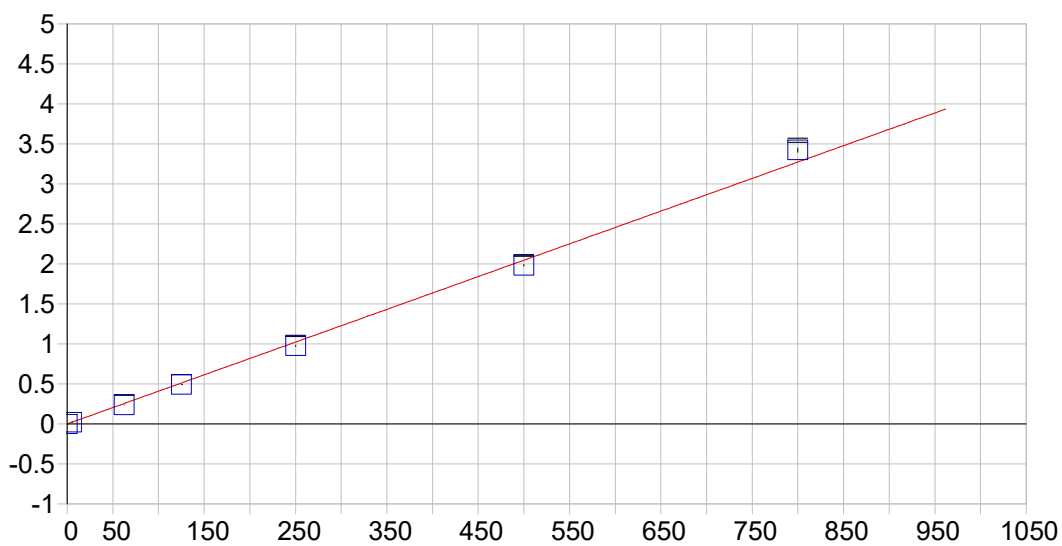


Mn 257.610 {131}

Date of Fit: 03/04/2019 23:54:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000078 Re-Slope: 1.000000
 A1 (Gain): 0.135131 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999849 Status: OK.
 Std Error of Est: 0.000083
 Predicted MDL: 0.001864
 Predicted MQL: 0.006212

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00008	.000	1
S1	.01500	.01700	.002	13.3	.00222	.000	1
S2	3.7500	3.8158	.066	1.75	.51555	.004	1
S3	7.5000	7.7687	.269	3.58	1.0497	.003	1
S4	15.000	15.072	.072	.483	2.0367	.008	1
S5	30.000	29.591	-.409	-1.36	3.9986	.016	1

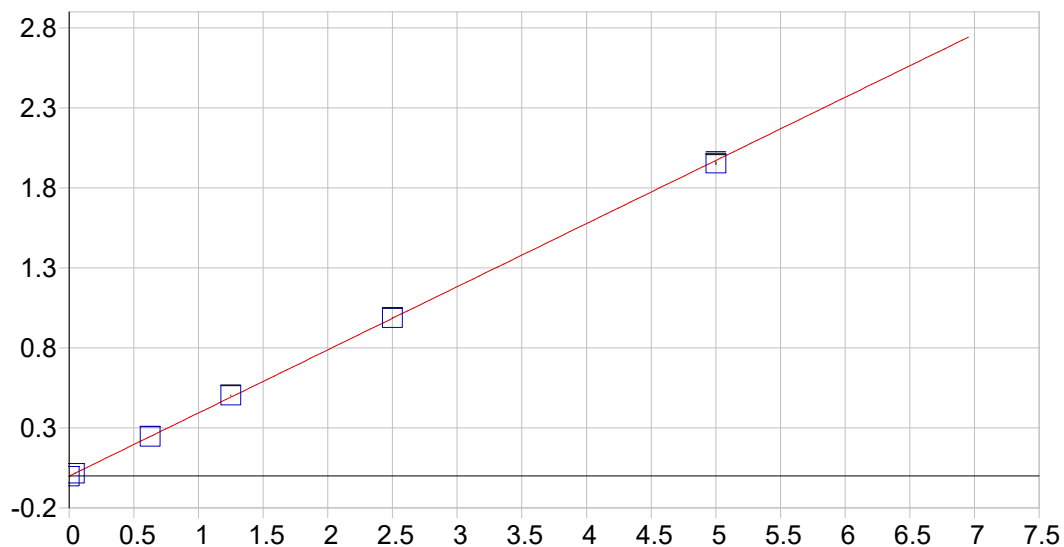


Mg 279.079 {121}

Date of Fit: 03/04/2019 23:54:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000137	Re-Slope:	1.000000
A1 (Gain):	0.004092	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999089	Status:	OK.
Std Error of Est:	0.000610		
Predicted MDL:	0.075397		
Predicted MQL:	0.251325		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00070	.001	.000	-.00013	.000	1
S1	5.0000	4.9972	-.003	-.057	.02031	.001	1
S2	62.500	58.191	-4.31	-6.89	.23799	.000	1
S3	125.00	120.45	-4.55	-3.64	.49275	.001	1
S4	250.00	238.09	-11.9	-4.76	.97417	.008	1
S5	500.00	484.35	-15.6	-3.13	1.9819	.009	1
S6	800.00	836.43	36.4	4.55	3.4227	.026	1

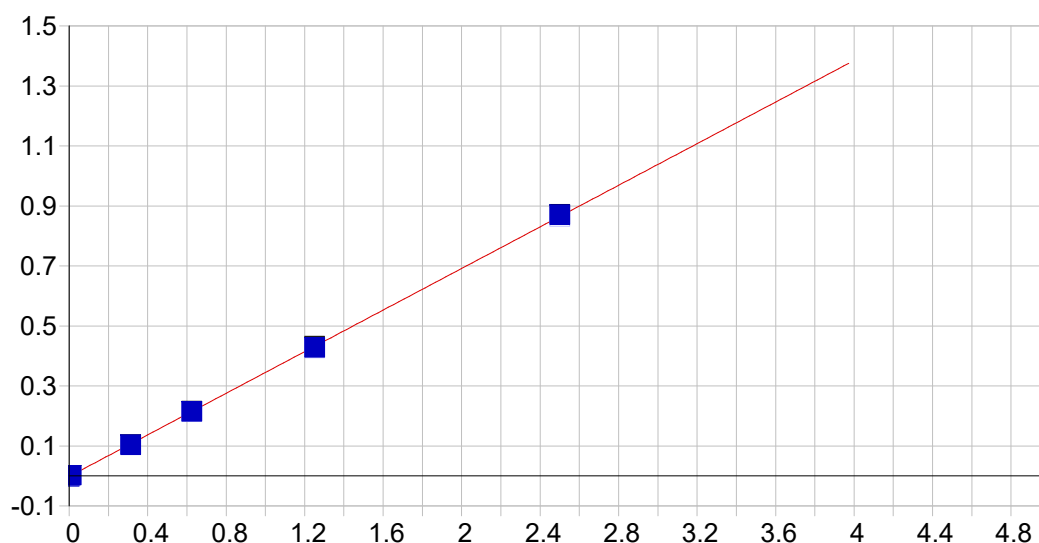


Ni 231.604 {446}

Date of Fit: 03/04/2019 23:54:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001092 Re-Slope: 1.000000
 A1 (Gain): 0.394531 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999913 Status: OK.
 Std Error of Est: 0.000124
 Predicted MDL: 0.000528
 Predicted MQL: 0.001760

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00109	.000	1
S1	.04000	.04473	.005	11.8	.01655	.000	1
S2	.62500	.62756	.003	.409	.24650	.001	1
S3	1.2500	1.2794	.029	2.35	.50366	.001	1
S4	2.5000	2.5062	.006	.247	.98767	.003	1
S5	5.0000	4.9572	-.043	-.857	1.9547	.010	1

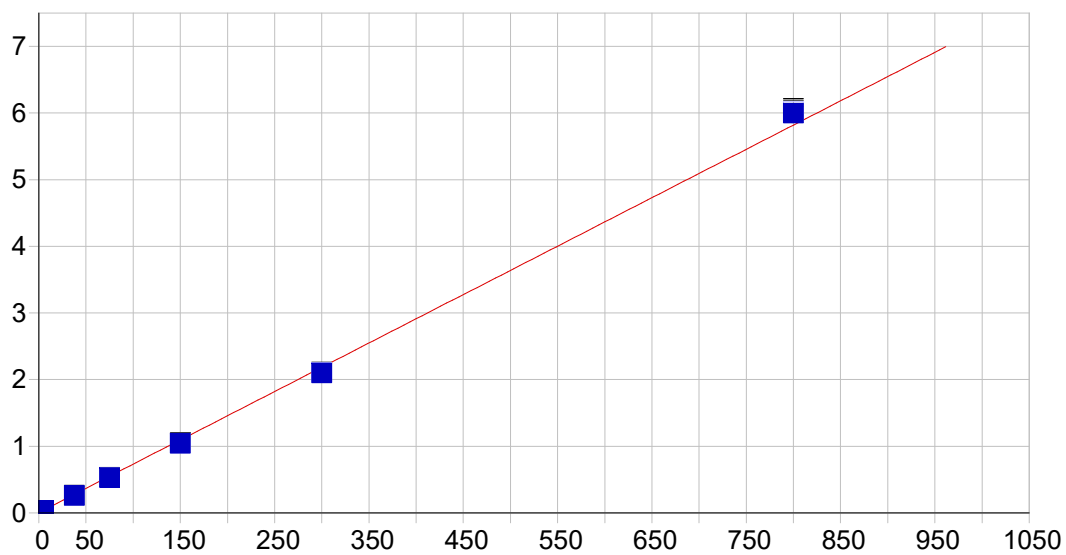


Ag 328.068 {103}

Date of Fit: 03/04/2019 23:54:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001745 Re-Slope: 1.000000
 A1 (Gain): 0.346601 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953 Status: OK.
 Std Error of Est: 0.000028
 Predicted MDL: 0.000525
 Predicted MQL: 0.001750

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00174	.000	1
S1	.01000	.01080	.001	7.98	.00197	.000	1
S2	.31250	.30442	-.008	-2.58	.10306	.001	1
S3	.62500	.62487	-.000	-.021	.21342	.001	1
S4	1.2500	1.2413	-.009	-.698	.42566	.003	1
S5	2.5000	2.5161	.016	.645	.86470	.002	1

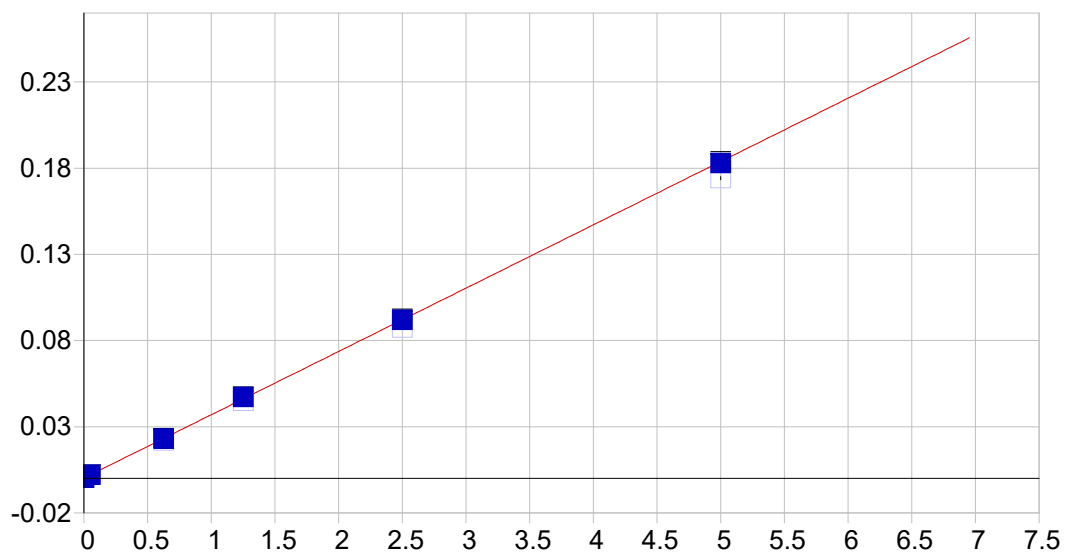


Na 818.326 { 41}

Date of Fit: 03/04/2019 23:54:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004552 Re-Slope: 1.000000
 A1 (Gain): 0.007269 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999321 Status: OK.
 Std Error of Est: 0.000832
 Predicted MDL: 0.359110
 Predicted MQL: 1.197034

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00056	.001	.000	.00456	.003	1
S1	5.0000	5.2287	.229	4.57	.04256	.001	1
S2	37.500	35.329	-2.17	-5.79	.26256	.002	1
S3	75.000	71.848	-3.15	-4.20	.52923	.005	1
S4	150.00	142.77	-7.23	-4.82	1.0472	.007	1
S5	300.00	287.74	-12.3	-4.09	2.1058	.007	1
S6	800.00	824.59	24.6	3.07	6.0242	.045	1

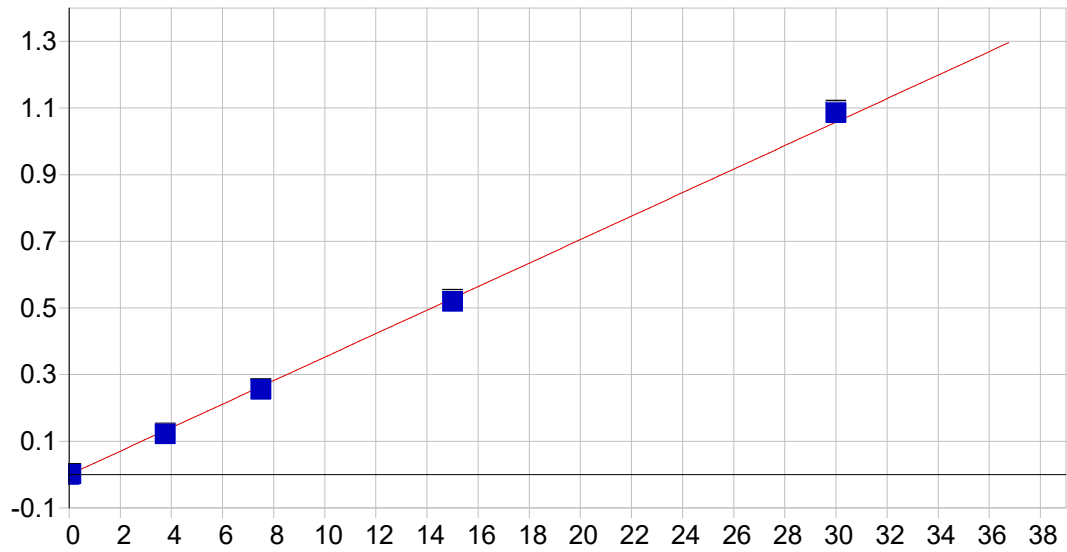


V 292.402 {115}

Date of Fit: 03/04/2019 23:54:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000216	Re-Slope:	1.000000
A1 (Gain):	0.036730	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999951	Status:	OK.
Std Error of Est:	0.000009		
Predicted MDL:	0.009061		
Predicted MQL:	0.030205		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00022	.000	1
S1	.05000	.05144	.001	2.89	.00210	.000	1
S2	.62500	.62033	-.005	-.747	.02190	.000	1
S3	1.2500	1.2785	.029	2.28	.04498	.000	1
S4	2.5000	2.4985	-.002	-.061	.08758	.001	1
S5	5.0000	4.9761	-.024	-.478	.17419	.001	1

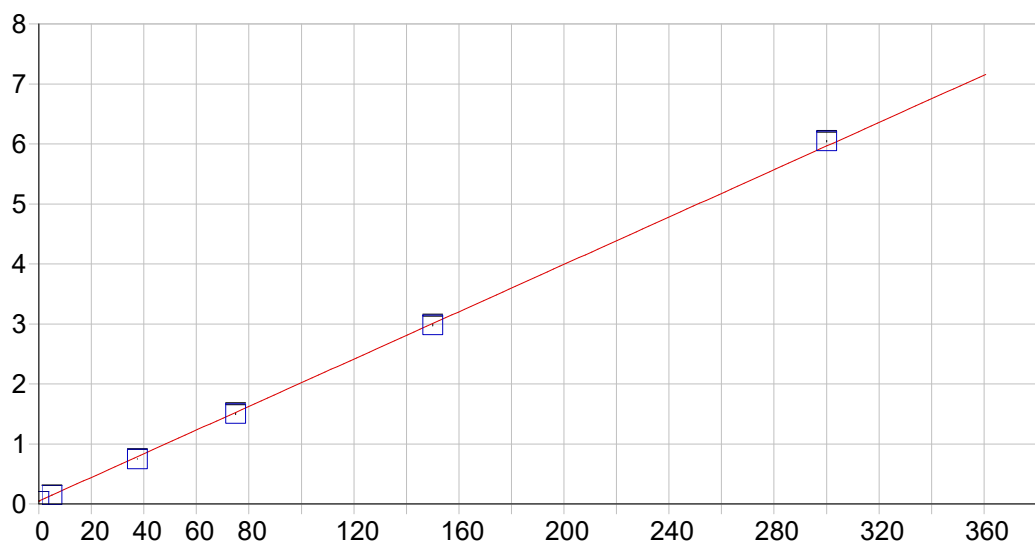


Zn 213.856 {158}

Date of Fit: 03/04/2019 23:54:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000178 Re-Slope: 1.000000
 A1 (Gain): 0.035265 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999480 Status: OK.
 Std Error of Est: 0.000081
 Predicted MDL: 0.013860
 Predicted MQL: 0.046201

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00018	.000	1
S1	.06000	.06689	.007	11.5	.00219	.000	1
S2	3.7500	3.4578	-.292	-7.79	.12198	.002	1
S3	7.5000	7.2538	-.246	-3.28	.25606	.003	1
S4	15.000	14.720	-.280	-1.86	.51980	.006	1
S5	30.000	30.811	.811	2.70	1.0881	.006	1

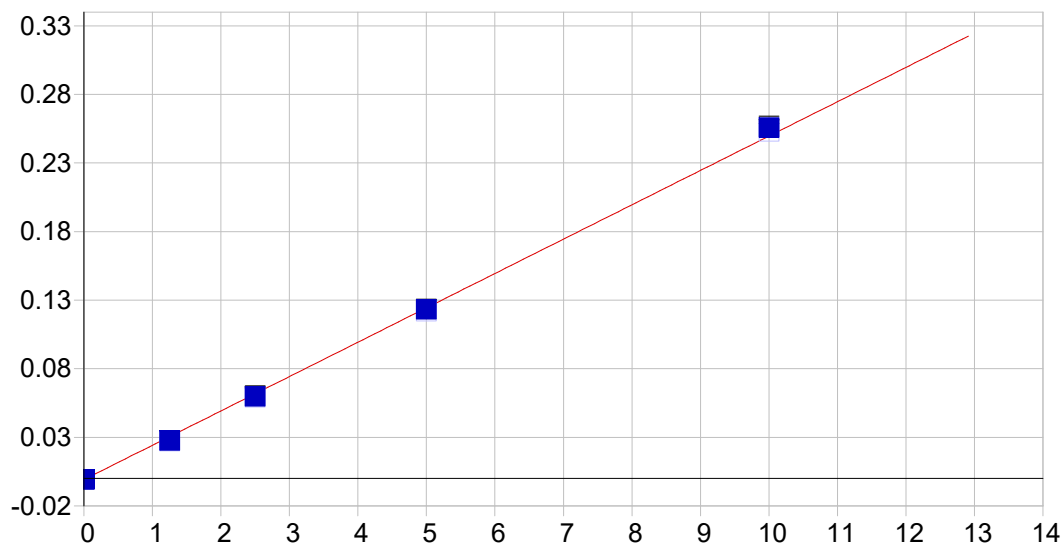


K 769.896 { 44 }

Date of Fit: 03/04/2019 23:54:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.047344 Re-Slope: 1.000000
 A1 (Gain): 0.019721 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999836 Status: OK.
 Std Error of Est: 0.000736
 Predicted MDL: 0.103043
 Predicted MQL: 0.343477

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00018	.000	.000	.04735	.001	1
S1	5.0000	5.1183	.118	2.37	.14828	.003	1
S2	37.500	35.584	-1.92	-5.11	.74912	.005	1
S3	75.000	73.880	-1.12	-1.49	1.5044	.014	1
S4	150.00	148.74	-1.26	-.839	2.9807	.016	1
S5	300.00	304.18	4.18	1.39	6.0461	.012	1

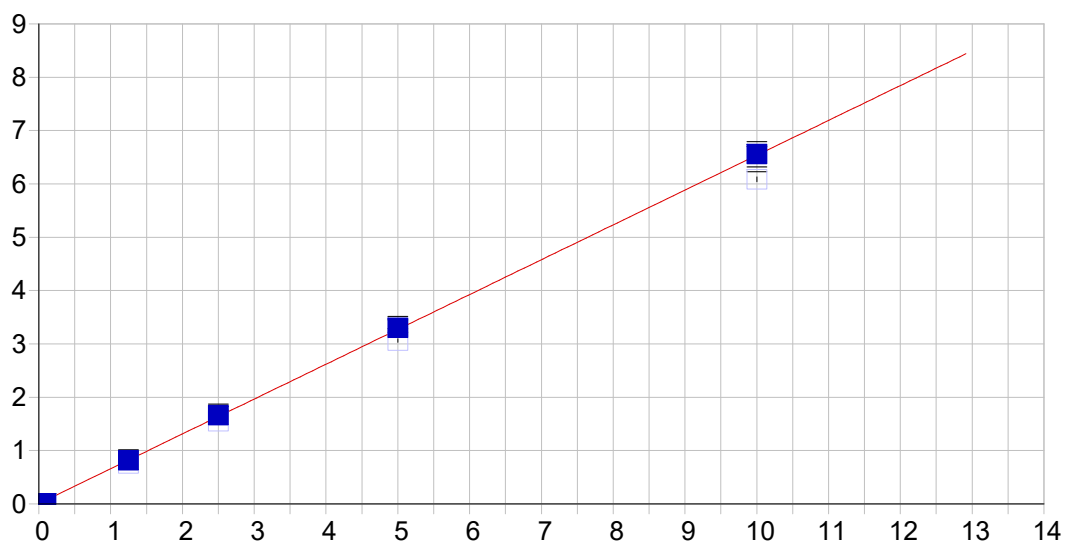


P 177.495 {490}

Date of Fit: 03/04/2019 23:54:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000852 Re-Slope: 1.000000
 A1 (Gain): 0.025048 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999463 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.003466
 Predicted MQL: 0.011553

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00085	.000	1
S1	.01000	.01093	.001	9.35	-.00058	.000	1
S2	1.2500	1.1346	-.115	-9.24	.02722	.000	1
S3	2.5000	2.4177	-.082	-3.29	.05900	.000	1
S4	5.0000	4.9552	-.045	-.896	.12186	.000	1
S5	10.000	10.242	.242	2.42	.25288	.001	1

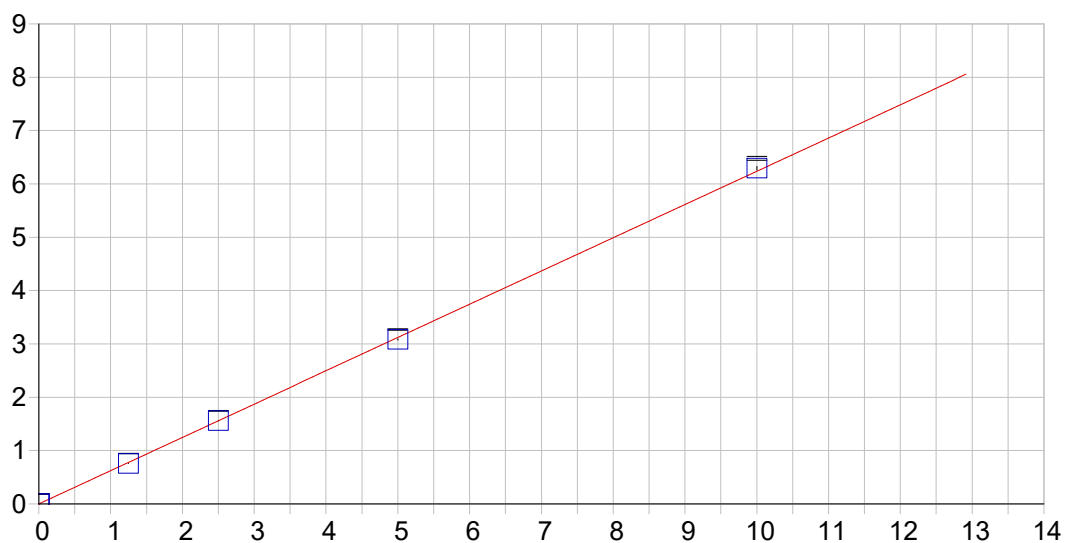


B 249.678 {135}

Date of Fit: 03/04/2019 23:54:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.006628	Re-Slope:	1.000000
A1 (Gain):	0.653118	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997374	Status:	OK.
Std Error of Est:	0.002338		
Predicted MDL:	0.001128		
Predicted MQL:	0.003760		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	.00669	.001	1
S1	.10000	.00818	-.092	-91.8	.01184	.001	1
S2	1.2500	1.2364	-.014	-1.09	.75491	.012	1
S3	2.5000	2.5380	.038	1.52	1.5457	.024	1
S4	5.0000	5.0400	.040	.801	3.0614	.033	1
S5	10.000	10.034	.034	.343	6.0862	.045	1

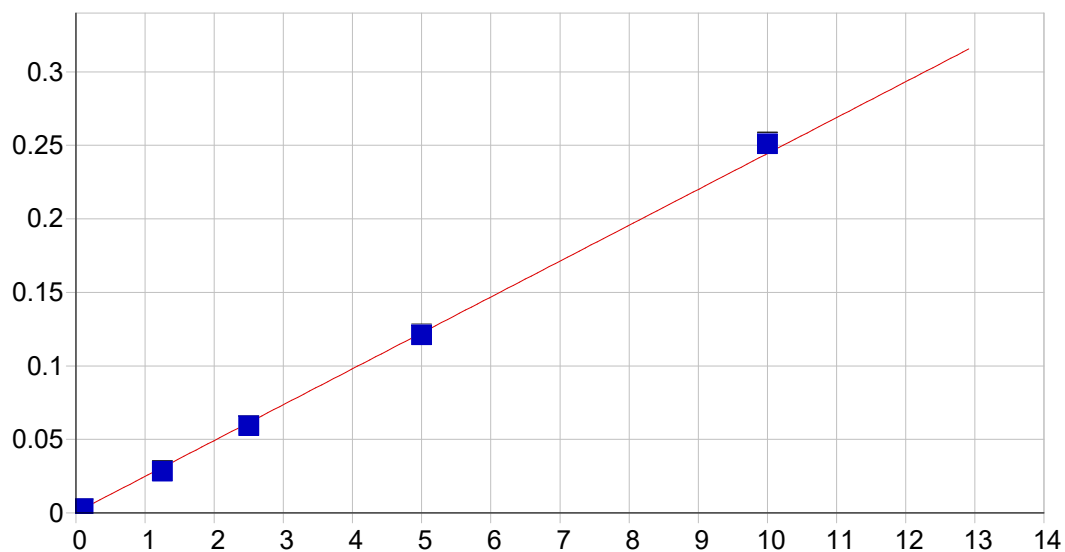


Mo 202.030 {467}

Date of Fit: 03/04/2019 23:54:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000631 Re-Slope: 1.000000
 A1 (Gain): 0.623732 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999930 Status: OK.
 Std Error of Est: 0.000124
 Predicted MDL: 0.000307
 Predicted MQL: 0.001022

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00063	.000	1
S1	.01000	.01034	.000	3.36	.00708	.000	1
S2	1.2500	1.2131	-.037	-2.95	.75731	.003	1
S3	2.5000	2.5004	.000	.016	1.5602	.007	1
S4	5.0000	4.9429	-.057	-1.14	3.0837	.013	1
S5	10.000	10.093	.093	.932	6.2961	.036	1

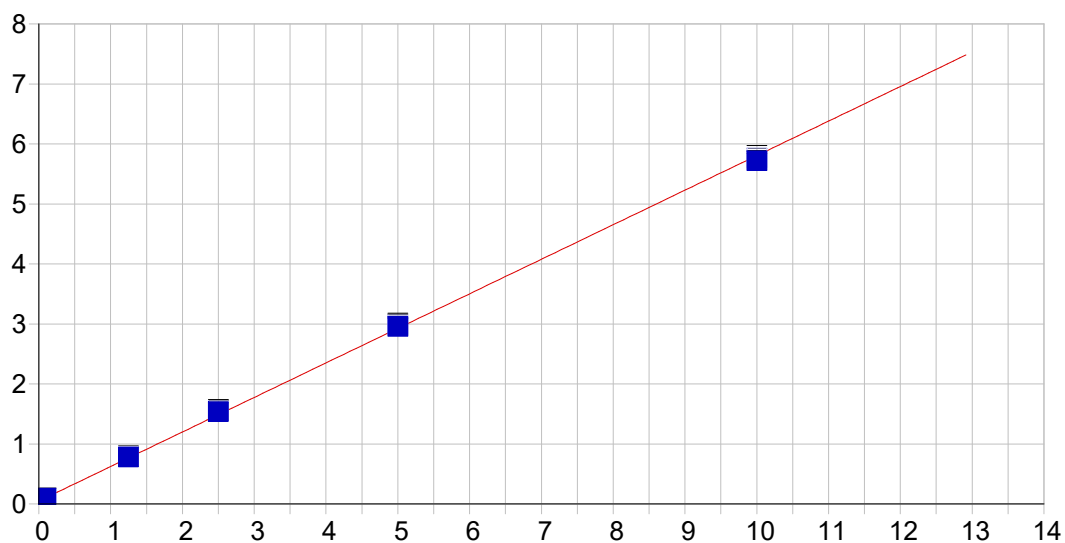


S 182.034 {485}

Date of Fit: 03/04/2019 23:54:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000425	Re-Slope:	1.000000
A1 (Gain):	0.024404	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999463	Status:	OK.
Std Error of Est:	0.000043		
Predicted MDL:	0.004545		
Predicted MQL:	0.015151		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00043	.000	1
S1	.10000	.09701	-.003	-2.99	.00279	.000	1
S2	1.2500	1.1430	-.107	-8.56	.02838	.000	1
S3	2.5000	2.4070	-.093	-3.72	.05929	.000	1
S4	5.0000	4.9400	-.060	-1.20	.12124	.000	1
S5	10.000	10.263	.263	2.63	.25139	.001	1

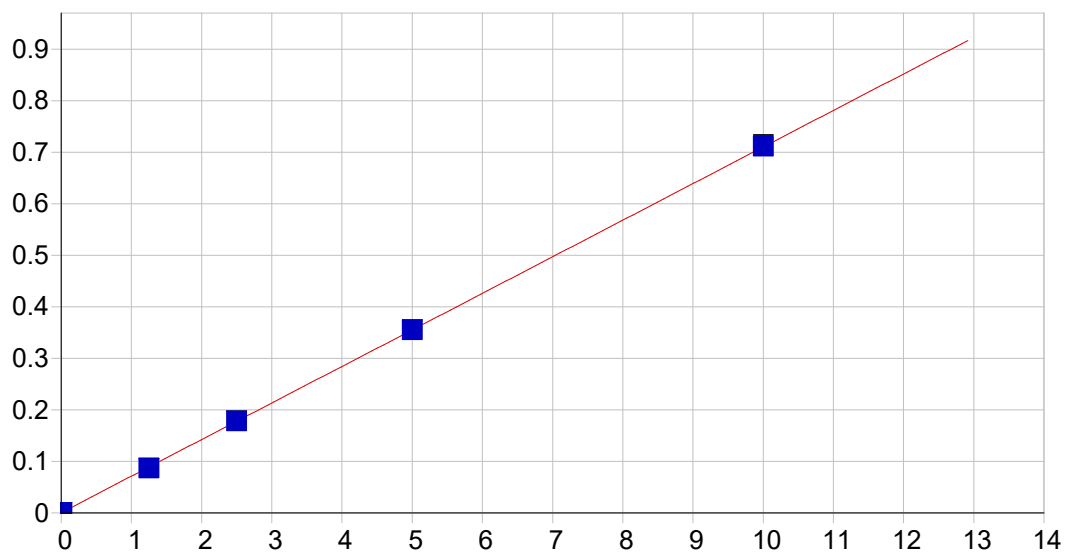


Si 251.611 {134}

Date of Fit: 03/04/2019 23:54:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.047598 Re-Slope: 1.000000
 A1 (Gain): 0.575708 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999794 Status: OK.
 Std Error of Est: 0.000627
 Predicted MDL: 0.001310
 Predicted MQL: 0.004368

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.04760	.001	1
S1	.10000	.08864	-.011	-11.4	.09883	.001	1
S2	1.2500	1.2732	.023	1.85	.78695	.012	1
S3	2.5000	2.5896	.090	3.58	1.5512	.023	1
S4	5.0000	5.0538	.054	1.08	2.9826	.031	1
S5	10.000	9.8447	-.155	-1.55	5.7662	.042	1

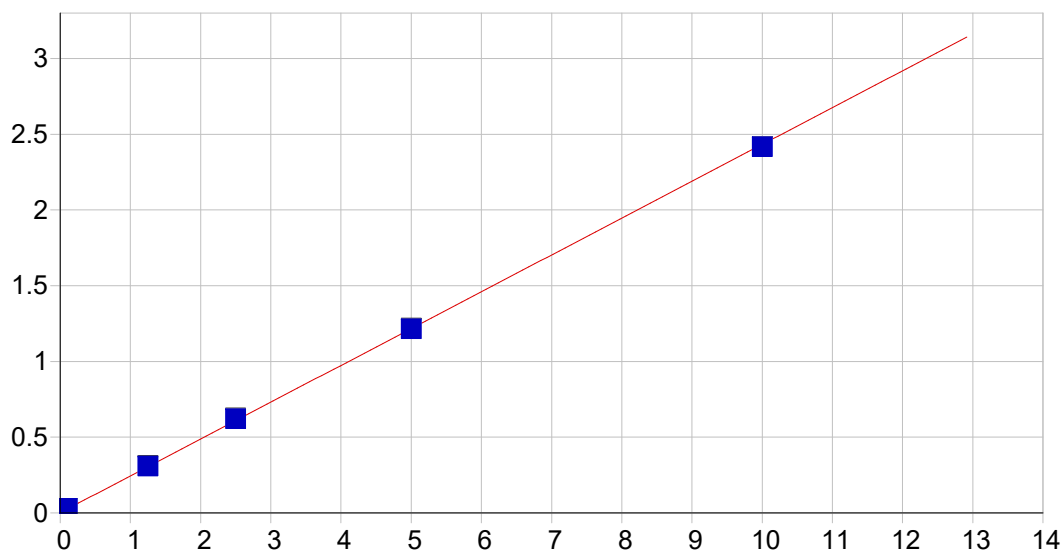


Sn 189.989 {478}

Date of Fit: 03/04/2019 23:54:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000370	Re-Slope:	1.000000
A1 (Gain):	0.070960	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999957	Status:	OK.
Std Error of Est:	0.000009		
Predicted MDL:	0.001377		
Predicted MQL:	0.004589		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00037	.000	1
S1	.00700	.00503	-.002	-28.2	.00071	.000	1
S2	1.2500	1.2160	-.034	-2.72	.08647	.000	1
S3	2.5000	2.5105	.010	.420	.17815	.001	1
S4	5.0000	4.9999	-.000	-.003	.35442	.001	1
S5	10.000	10.026	.026	.256	.71032	.003	1

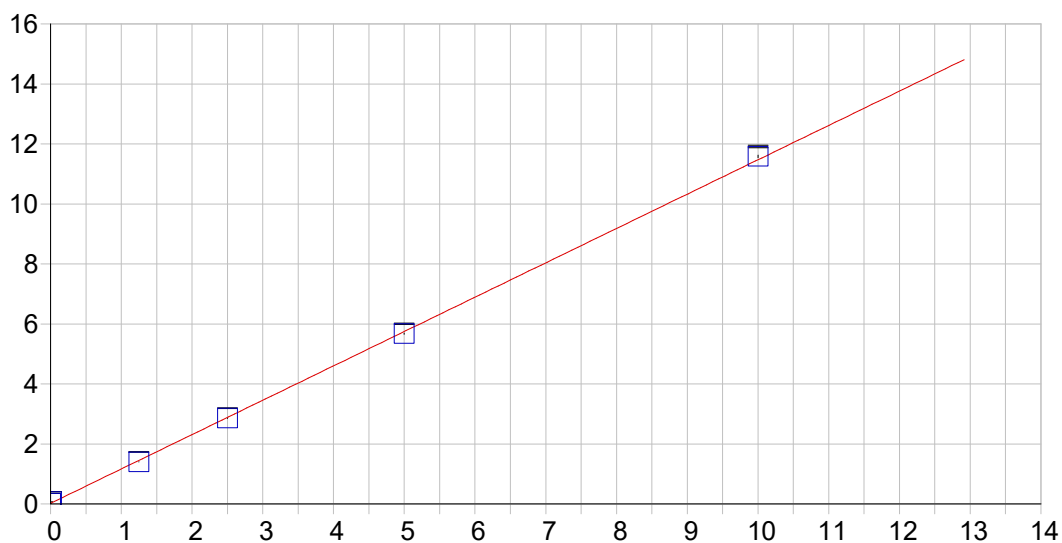


Ti 336.121 {100}

Date of Fit: 03/04/2019 23:54:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001368	Re-Slope:	1.000000
A1 (Gain):	0.243115	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999923	Status:	OK.
Std Error of Est:	0.000160		
Predicted MDL:	0.002643		
Predicted MQL:	0.008812		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00136	.000	1
S1	.10000	.11208	.012	12.1	.02861	.000	1
S2	1.2500	1.2595	.009	.756	.30746	.002	1
S3	2.5000	2.5489	.049	1.95	.62082	.004	1
S4	5.0000	4.9936	-.006	-.128	1.2150	.004	1
S5	10.000	9.9360	-.064	-.640	2.4161	.002	1

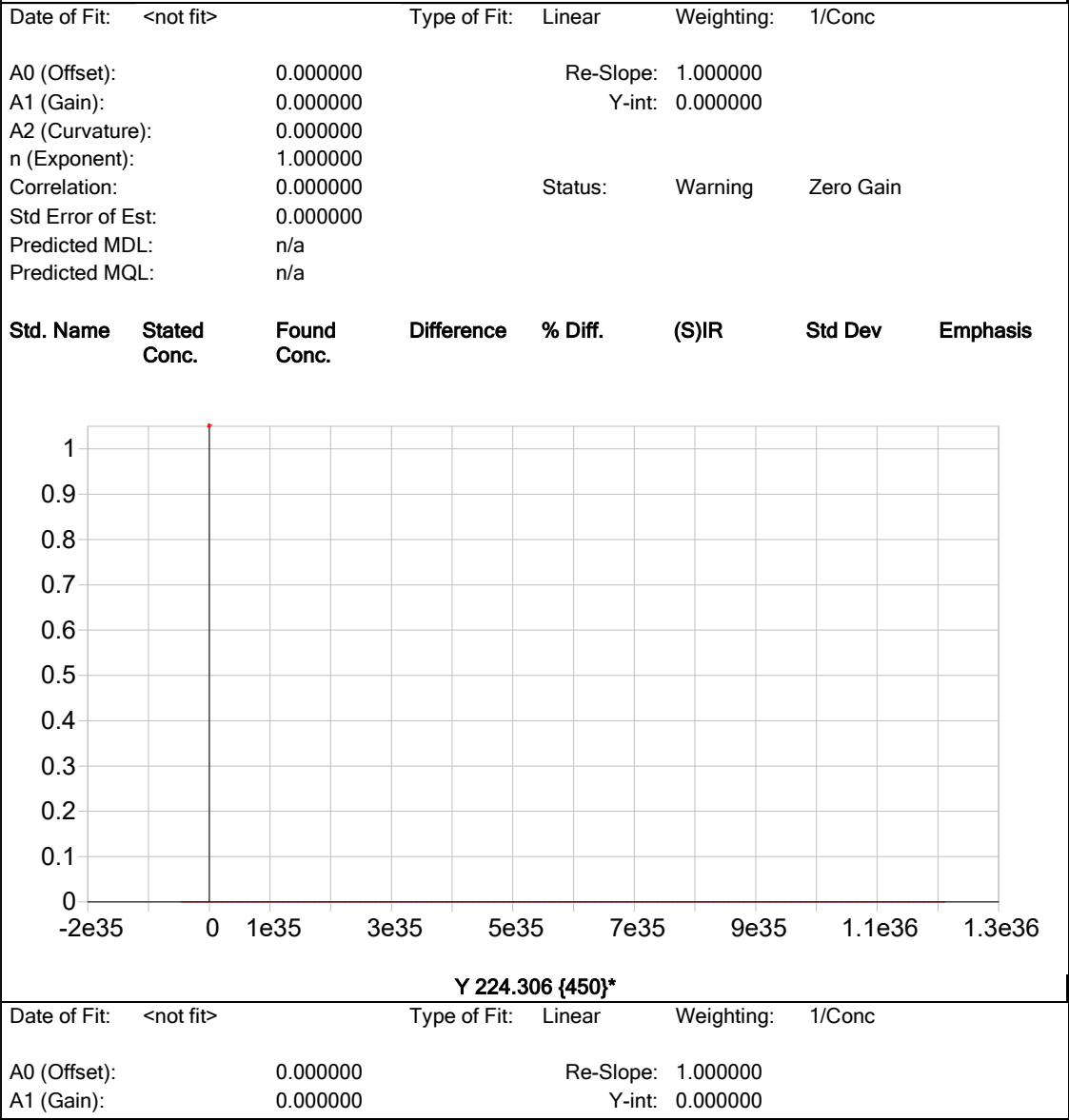
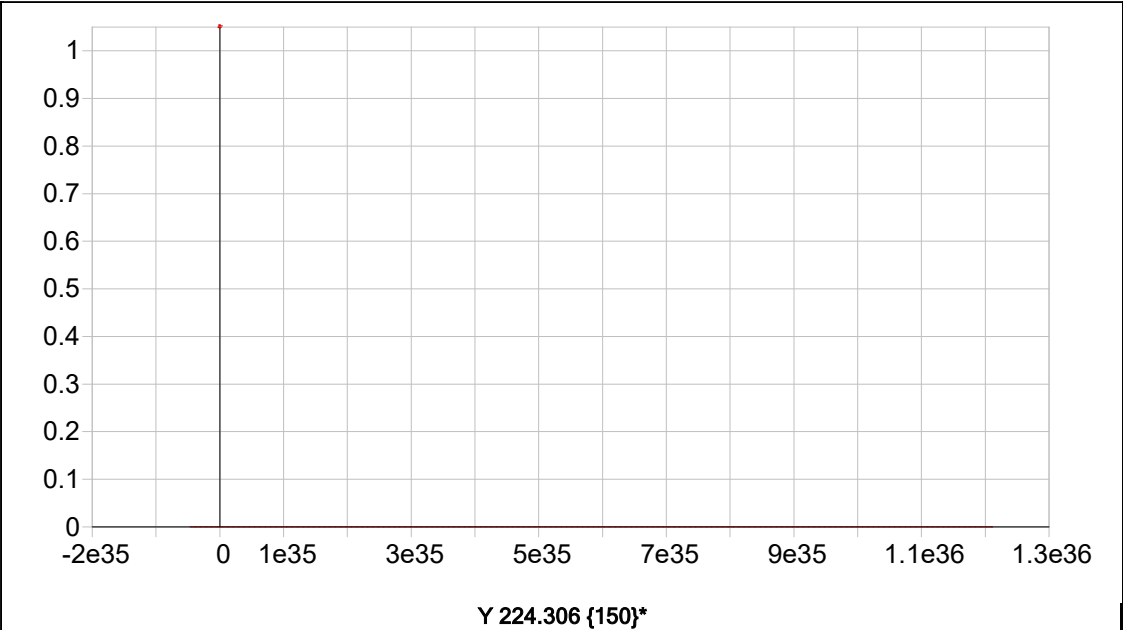


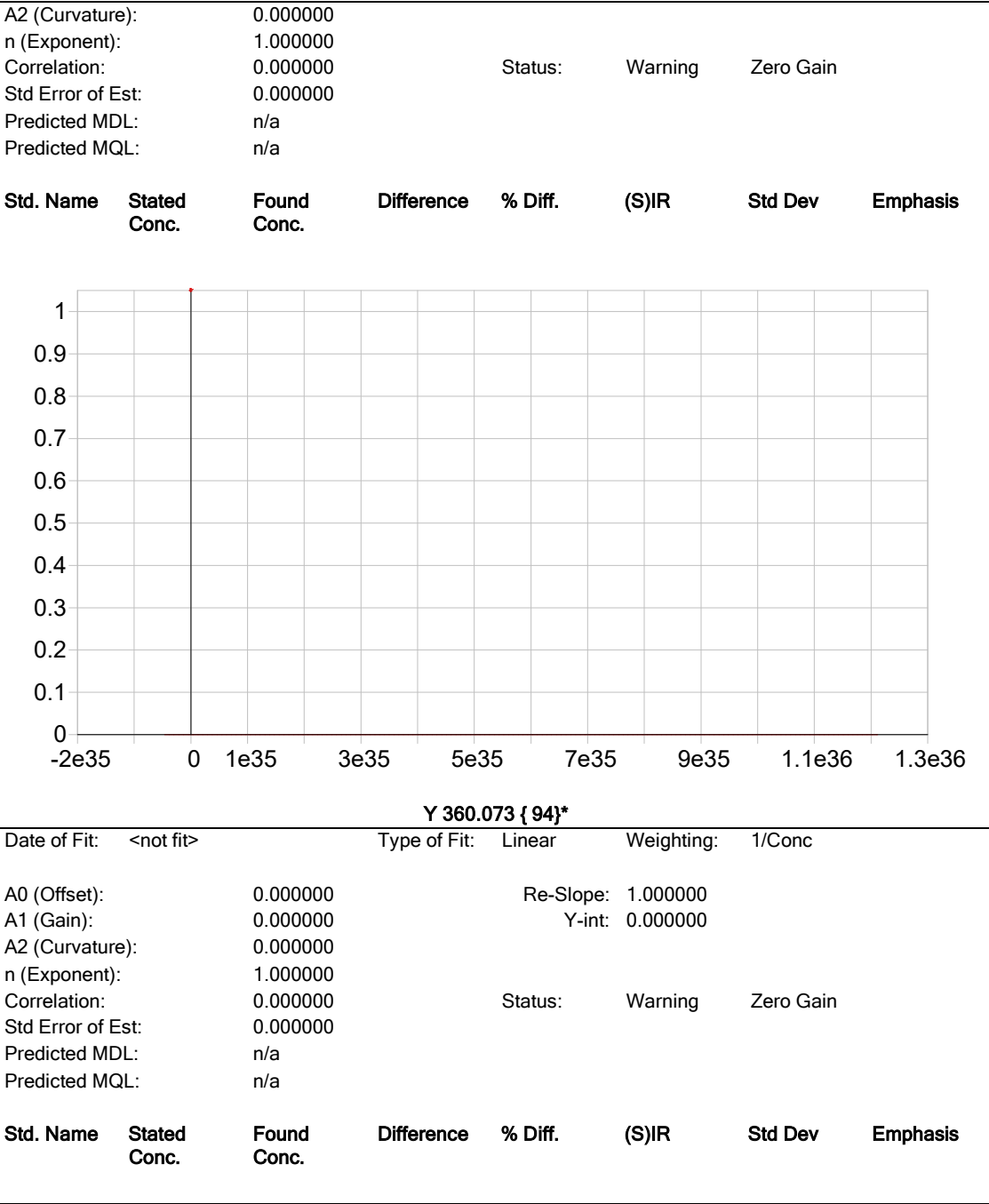
Li 670.784 { 50}

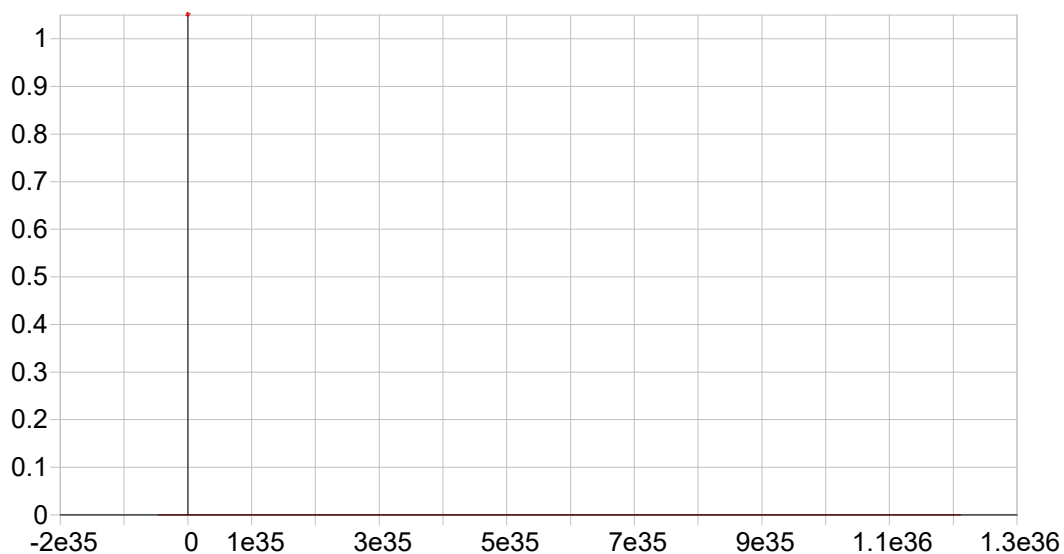
Date of Fit: 03/04/2019 23:54:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.020179	Re-Slope:	1.000000
A1 (Gain):	1.145063	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997990	Status:	OK.
Std Error of Est:	0.001493		
Predicted MDL:	0.002261		
Predicted MQL:	0.007536		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.02014	.002	1
S5	10.000	10.099	.099	.985	11.584	.044	1
S4	5.0000	4.9378	-.062	-1.24	5.6742	.017	1
S3	2.5000	2.4764	-.024	-.944	2.8558	.012	1
S2	1.2500	1.2044	-.046	-3.64	1.3993	.006	1
S1	.01500	.04786	.033	219.	.07498	.002	1



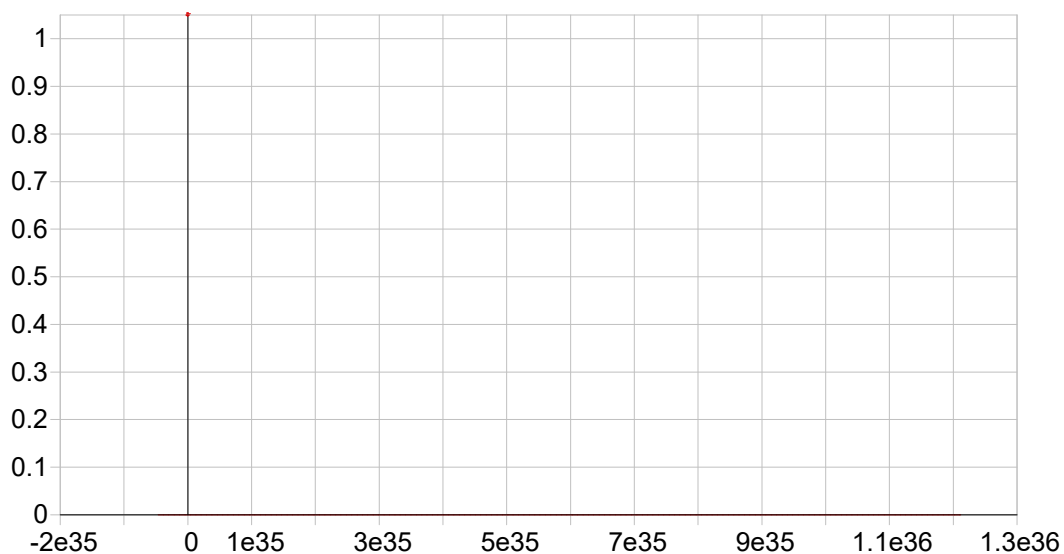




Y 371.030 { 91}*

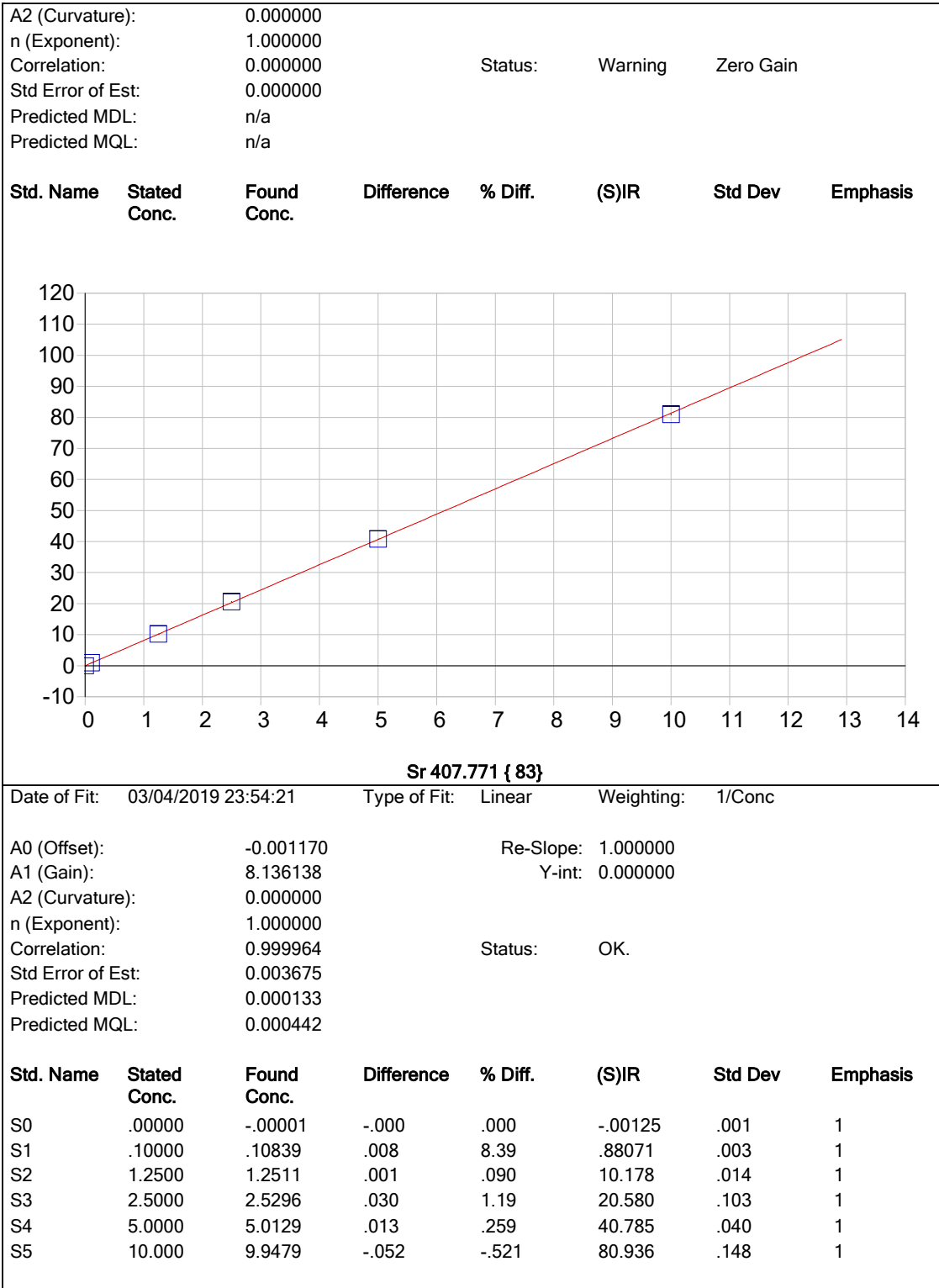
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
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: 03/04/2019 11:15:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	-.00025	-.00013	.00025	.00023	.00344	.01663	-.00189
Stddev	.00014	.00005	.00014	.00011	.00026	.00053	.00276	.00028
%RSD	80.105	21.515	113.02	45.743	115.73	15.300	16.602	14.912

#1	-.00009	-.00029	.00002	.00012	.00015	.00321	.01534	-.00182
#2	-.00033	-.00026	-.00026	.00034	.00001	.00404	.01979	-.00220
#3	-.00010	-.00019	-.00014	.00029	.00052	.00306	.01475	-.00165

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	-.00012	.00276	.00008	.00027	.00125	.00038	-.00008	-.00013
Stddev	.00010	.00073	.00010	.00014	.00000	.00013	.00007	.00029
%RSD	84.861	26.375	120.98	51.531	.28845	33.290	90.639	213.87

#1	-.00018	.00213	.00005	.00026	.00124	.00040	-.00002	-.00039
#2	-.00000	.00259	.00019	.00042	.00125	.00049	-.00005	.00018
#3	-.00018	.00356	.00000	.00014	.00125	.00024	-.00016	-.00020

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	-.00109	-.00174	.00456	.00022	-.00018	.04735	-.00085	.00669
Stddev	.00025	.00011	.00308	.00027	.00036	.00074	.00005	.00054
%RSD	22.613	6.1955	67.716	126.39	204.38	1.5603	6.4540	8.0148

#1	-.00138	-.00162	.00675	.00053	-.00056	.04771	-.00086	.00646
#2	-.00097	-.00180	.00103	.00011	.00016	.04783	-.00090	.00730
#3	-.00093	-.00182	.00589	.00002	-.00014	.04650	-.00079	.00630

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	.00063	.00043	.04760	.00037	.00136	.02014	-.00125	
Stddev	.00005	.00000	.00093	.00013	.00029	.00232	.00093	
%RSD	8.1515	.76482	1.9478	36.452	20.902	11.518	74.846	

#1	.00057	.00042	.04653	.00024	.00169	.02087	-.00224	
#2	.00066	.00043	.04810	.00051	.00125	.02201	-.00110	
#3	.00066	.00042	.04817	.00037	.00116	.01755	-.00040	

Sample Name: S0 Acquired: 03/04/2019 11:15:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	1721.1	3353.7	36708.	4478.1	4083.9
Stddev	22.0	6.5	263.	8.5	2.5
%RSD	1.2784	.19313	.71659	.19003	.06215
#1	1709.3	3359.4	36443.	4468.2	4086.6
#2	1707.6	3355.0	36714.	4482.9	4083.4
#3	1746.5	3346.6	36969.	4483.1	4081.6

Sample Name: S1 Acquired: 03/04/2019 11:19:32 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	.00019	.00089	.00155	.00262	.00681	.01512	.53775	.04683
Stddev	.00010	.00002	.00019	.00026	.00003	.00100	.00119	.00134
%RSD	51.478	1.8345	12.259	10.040	.38136	6.6291	.22178	2.8654
#1	.00011	.00089	.00177	.00290	.00678	.01567	.53900	.04833
#2	.00030	.00090	.00142	.00238	.00682	.01573	.53763	.04575
#3	.00016	.00087	.00148	.00259	.00683	.01396	.53662	.04639
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	.01327	.17722	.00169	.03726	.00391	.00113	.00222	.02031
Stddev	.00020	.00195	.00002	.00020	.00031	.00018	.00012	.00057
%RSD	1.4909	1.0989	1.0060	.52869	7.9774	16.006	5.2837	2.7817
#1	.01307	.17744	.00170	.03713	.00419	.00134	.00230	.01996
#2	.01328	.17905	.00167	.03716	.00358	.00102	.00209	.02096
#3	.01347	.17518	.00169	.03749	.00396	.00103	.00227	.02001
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	.01655	.00197	.04256	.00210	.00219	.14828	-.00058	.01184
Stddev	.00019	.00008	.00082	.00028	.00040	.00260	.00004	.00070
%RSD	1.1383	4.0065	1.9366	13.500	18.076	1.7535	7.5362	5.8800
#1	.01634	.00198	.04167	.00241	.00246	.15011	-.00062	.01250
#2	.01670	.00204	.04330	.00185	.00237	.14531	-.00059	.01111
#3	.01662	.00189	.04272	.00205	.00173	.14944	-.00053	.01189
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	.00708	.00279	.09883	.00071	.02861	.07498	.88071	
Stddev	.00009	.00012	.00098	.00001	.00033	.00161	.00348	
%RSD	1.2097	4.3364	.98844	.99577	1.1667	2.1418	.39504	
#1	.00714	.00268	.09861	.00070	.02887	.07556	.88416	
#2	.00712	.00292	.09799	.00071	.02873	.07316	.87720	
#3	.00698	.00277	.09991	.00072	.02823	.07621	.88078	

Sample Name: S1 Acquired: 03/04/2019 11:19:32 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: IR Corr. Factor: 1.000000
 User: BIN H 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	1714.6	3357.1	36641.	4506.8	4101.5
Stddev	9.5	13.6	51.	44.4	15.3
%RSD	.55240	.40619	.14052	.98600	.37242
#1	1712.0	3361.0	36668.	4465.0	4107.2
#2	1706.8	3368.3	36582.	4501.8	4113.2
#3	1725.2	3341.9	36674.	4553.5	4084.2

Sample Name: S2 Acquired: 03/04/2019 11:23:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	.03996	.05539	1.0889	.06599	.11780	1.9389	5.9100	1.1386
Stddev	.00025	.00040	.0030	.00049	.00069	.0082	.0056	.0110
%RSD	.63545	.71805	.27702	.74190	.58355	.42384	.09480	.96837

#1	.03979	.05499	1.0864	.06577	.11782	1.9297	5.9035	1.1318
#2	.03983	.05539	1.0881	.06565	.11710	1.9454	5.9129	1.1513
#3	.04025	.05579	1.0923	.06655	.11847	1.9417	5.9136	1.1326

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	1.5181	2.0066	.54620	.43307	.36843	.34256	.51555	.23799
Stddev	.0040	.0159	.00212	.00068	.00064	.00109	.00448	.00050
%RSD	.26353	.79250	.38789	.15645	.17440	.31943	.86823	.20995

#1	1.5165	1.9896	.54810	.43250	.36793	.34168	.51064	.23778
#2	1.5152	2.0211	.54658	.43289	.36821	.34378	.51940	.23856
#3	1.5227	2.0091	.54391	.43382	.36915	.34220	.51662	.23764

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	.24650	.10306	.26256	.02190	.12198	.74912	.02722	.75491
Stddev	.00051	.00106	.00225	.00030	.00227	.00456	.00007	.01150
%RSD	.20537	1.0302	.85794	1.3786	1.8630	.60898	.24251	1.5235

#1	.24602	.10383	.26032	.02167	.12390	.74387	.02725	.74898
#2	.24645	.10185	.26254	.02224	.11947	.75211	.02714	.76816
#3	.24703	.10350	.26483	.02179	.12257	.75138	.02726	.74758

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	.75731	.02838	.78695	.08647	.30746	1.3993	10.178
Stddev	.00292	.00025	.01155	.00013	.00230	.0064	.014
%RSD	.38525	.87267	1.4672	.14782	.74835	.45428	.13416

#1	.75603	.02812	.78224	.08641	.30506	1.3927	10.165
#2	.75525	.02843	.80011	.08638	.30965	1.3998	10.192
#3	.76065	.02861	.77850	.08662	.30766	1.4054	10.178

Sample Name: S2 Acquired: 03/04/2019 11:23:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	1678.3	3238.1	36594.	4470.4	3899.1
Stddev	20.1	11.0	484.	14.3	5.1
%RSD	1.1977	.33901	1.3235	.32022	.13119
#1	1657.6	3234.0	36057.	4478.2	3897.2
#2	1697.8	3250.5	36726.	4453.9	3904.9
#3	1679.3	3229.7	36998.	4479.2	3895.2

Sample Name: S3 Acquired: 03/04/2019 11:27:34 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	.08266	.11346	2.2325	.13401	.24252	3.9651	11.982	2.3015
Stddev	.00038	.00059	.0083	.00106	.00116	.0177	.067	.0447
%RSD	.45547	.51884	.36953	.79211	.48020	.44626	.55922	1.9417

#1	.08236	.11308	2.2268	.13307	.24195	3.9450	11.906	2.2789
#2	.08254	.11316	2.2288	.13380	.24175	3.9722	12.034	2.2726
#3	.08308	.11414	2.2420	.13516	.24386	3.9782	12.005	2.3529

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	3.1055	4.0671	1.0945	.89290	.73725	.69658	1.0497	.49275
Stddev	.0075	.0234	.0020	.00315	.00510	.00093	.0031	.00121
%RSD	.24236	.57542	.18579	.35266	.69118	.13337	.29127	.24587

#1	3.0986	4.0475	1.0965	.89095	.73187	.69561	1.0474	.49291
#2	3.1042	4.0607	1.0945	.89122	.73788	.69666	1.0532	.49388
#3	3.1135	4.0930	1.0924	.89653	.74200	.69746	1.0486	.49147

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	.50366	.21342	.52923	.04498	.25606	1.5044	.05900	1.5457
Stddev	.00141	.00089	.00465	.00004	.00258	.0144	.00045	.0244
%RSD	.27948	.41541	.87798	.09287	1.0062	.95720	.75897	1.5813

#1	.50256	.21367	.52664	.04502	.25751	1.4901	.05852	1.5335
#2	.50318	.21416	.52646	.04494	.25759	1.5042	.05910	1.5298
#3	.50525	.21244	.53459	.04496	.25309	1.5189	.05939	1.5739

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	1.5602	.05929	1.5512	.17815	.62082	2.8558	20.580
Stddev	.0073	.00022	.0232	.00099	.00418	.0119	.103
%RSD	.47071	.36326	1.4937	.55549	.67359	.41800	.50161

#1	1.5576	.05915	1.5370	.17773	.61612	2.8424	20.463
#2	1.5546	.05919	1.5387	.17743	.62222	2.8652	20.621
#3	1.5685	.05954	1.5779	.17928	.62413	2.8599	20.657

Sample Name: S3 Acquired: 03/04/2019 11:27:34 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	1611.7	3078.6	36047.	4417.4	3673.5
Stddev	5.2	11.5	96.	49.8	9.1
%RSD	.31974	.37348	.26634	1.1266	.24743
#1	1606.1	3081.5	35957.	4438.2	3677.5
#2	1616.2	3088.3	36148.	4453.5	3679.9
#3	1612.9	3065.9	36035.	4360.6	3663.1

Sample Name: S4 Acquired: 03/04/2019 11:31:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	.16579	.21974	4.4394	.26201	.48351	7.8745	23.742	4.4823
Stddev	.00099	.00092	.0127	.00143	.00132	.0269	.088	.0439
%RSD	.59552	.41926	.28615	.54724	.27355	.34105	.36880	.97896

#1	.16525	.21939	4.4280	.26159	.48279	7.8472	23.806	4.4378
#2	.16520	.21904	4.4372	.26084	.48270	7.8754	23.642	4.4834
#3	.16693	.22078	4.4531	.26361	.48504	7.9009	23.778	4.5256

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.0968	7.9936	2.1114	1.7660	1.4492	1.3436	2.0367	.97417
Stddev	.0205	.0676	.0064	.0051	.0077	.0096	.0076	.00814
%RSD	.33577	.84518	.30199	.28961	.52997	.71609	.37479	.83551

#1	6.0893	7.9156	2.1162	1.7619	1.4569	1.3325	2.0288	.96477
#2	6.0811	8.0317	2.1042	1.7643	1.4416	1.3493	2.0440	.97874
#3	6.1200	8.0335	2.1139	1.7717	1.4491	1.3491	2.0372	.97899

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	.98767	.42566	1.0472	.08758	.51980	2.9807	.12186	3.0614
Stddev	.00251	.00331	.0069	.00061	.00638	.0155	.00016	.0334
%RSD	.25383	.77818	.66267	.69987	1.2273	.52001	.13239	1.0909

#1	.98540	.42914	1.0393	.08734	.52301	2.9629	.12205	3.0267
#2	.98724	.42255	1.0499	.08713	.52393	2.9881	.12177	3.0641
#3	.99036	.42528	1.0523	.08828	.51245	2.9912	.12178	3.0933

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.0837	.12124	2.9826	.35442	1.2150	5.6742	40.785
Stddev	.0131	.00040	.0311	.00084	.0038	.0171	.040
%RSD	.42511	.32985	1.0412	.23748	.31147	.30093	.09929

#1	3.0816	.12079	2.9547	.35456	1.2125	5.6707	40.752
#2	3.0717	.12137	2.9769	.35352	1.2130	5.6592	40.773
#3	3.0977	.12155	3.0160	.35519	1.2193	5.6928	40.830

Sample Name: S4 Acquired: 03/04/2019 11:31:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	1535.2	2947.3	35583.	4409.3	3480.8
Stddev	17.8	10.1	210.	37.6	10.0
%RSD	1.1583	.34296	.59118	.85282	.28781
#1	1546.4	2956.5	35682.	4452.3	3492.0
#2	1514.7	2948.9	35341.	4393.1	3477.5
#3	1544.5	2936.5	35725.	4382.5	3472.8

Sample Name: S5 Acquired: 03/04/2019 11:35:12 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	.34271	.42606	8.9145	.52270	1.0012	16.072	47.499	8.7764
Stddev	.00257	.00200	.0399	.00264	.0059	.008	.146	.0478
%RSD	.74975	.46953	.44793	.50563	.58452	.04972	.30830	.54490

#1	.34089	.42494	8.8876	.52165	.99786	16.081	47.627	8.7796
#2	.34159	.42488	8.8956	.52074	.99780	16.067	47.339	8.8225
#3	.34565	.42837	8.9604	.52571	1.0080	16.068	47.530	8.7270

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	12.068	16.008	4.0967	3.5319	2.8812	2.6433	3.9986	1.9819
Stddev	.052	.052	.0057	.0175	.0074	.0060	.0164	.0087
%RSD	.42865	.32661	.13923	.49401	.25547	.22536	.41015	.43959

#1	12.059	16.017	4.1012	3.5230	2.8765	2.6474	3.9831	1.9830
#2	12.021	16.056	4.0985	3.5208	2.8775	2.6460	4.0158	1.9901
#3	12.124	15.953	4.0903	3.5520	2.8897	2.6365	3.9969	1.9727

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	1.9547	.86470	2.1058	.17419	1.0881	6.0461	.25288	6.0862
Stddev	.0096	.00182	.0070	.00085	.0058	.0123	.00120	.0446
%RSD	.49278	.21003	.33297	.48893	.53376	.20267	.47628	.73243

#1	1.9489	.86382	2.1135	.17509	1.0835	6.0538	.25219	6.0903
#2	1.9493	.86678	2.1039	.17408	1.0863	6.0526	.25218	6.1286
#3	1.9658	.86348	2.0999	.17339	1.0946	6.0320	.25427	6.0397

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	6.2961	.25139	5.7662	.71032	2.4161	11.584	80.936
Stddev	.0364	.00092	.0422	.00309	.0015	.044	.148
%RSD	.57863	.36518	.73261	.43436	.06256	.38219	.18307

#1	6.2808	.25125	5.7773	.70935	2.4167	11.634	81.063
#2	6.2698	.25055	5.8019	.70783	2.4144	11.566	80.773
#3	6.3377	.25237	5.7196	.71377	2.4173	11.551	80.973

Sample Name: S5 Acquired: 03/04/2019 11:35:12 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	1414.1	2718.6	34723.	4335.9	3229.8
Stddev	4.3	13.4	44.	24.6	10.8
%RSD	.30281	.49221	.12647	.56742	.33512
#1	1419.0	2725.6	34680.	4336.9	3232.5
#2	1412.2	2727.1	34720.	4310.9	3239.1
#3	1411.1	2703.2	34768.	4360.0	3217.9

Sample Name: S6 Acquired: 03/04/2019 11:38:58 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	44.298	26.568	7.2967	3.4227	6.0242
Stddev	.200	.215	.0541	.0256	.0450
%RSD	.45229	.80783	.74117	.74758	.74679

#1	44.109	26.379	7.2505	3.3994	5.9811
#2	44.277	26.525	7.2834	3.4186	6.0207
#3	44.508	26.801	7.3561	3.4501	6.0708

Int. Std.	Y_3710
Units	Cts/S
Avg	4286.5
Stddev	12.6
%RSD	.29377

#1	4294.0
#2	4272.0
#3	4293.5

Sample Name: ICV Acquired: 03/04/2019 11:43:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9827806	1.070661	.9337967	1.106710	1.013003	2.290333
Stddev	.0138217	.008168	.0034406	.012281	.007205	.006793
%RSD	1.406391	.7628548	.3684535	1.109706	.7112255	.2965919

#1	.9783351	1.071353	.9339348	1.105694	1.008552	2.294632
#2	.9717286	1.062170	.9302891	1.094968	1.009141	2.293864
#3	.9982781	1.078461	.9371661	1.119468	1.021315	2.282501

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4996424	.4997343	.5051930	10.18776	.5329338	.4907656
Stddev	.0012783	.0029883	.0019967	.05280	.0018545	.0019670
%RSD	.2558446	.5979668	.3952427	.5182272	.3479751	.4008050

#1	.4985377	.5031796	.5042369	10.12703	.5350745	.4913277
#2	.5010426	.4978480	.5038542	10.21354	.5318183	.4885787
#3	.4993470	.4981752	.5074880	10.22271	.5319086	.4923904

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5182773	5.334935	.5245922	6.043052	.5054594	.4646977
Stddev	.0031565	.080593	.0038896	.202677	.0017250	.0016705
%RSD	.6090333	1.510657	.7414440	3.353879	.3412746	.3594904

#1	.5160678	5.271685	.5230657	6.020012	.5058545	.4629632
#2	.5218925	5.425676	.5290135	5.852880	.5035711	.4648340
#3	.5168717	5.307443	.5216975	6.256264	.5069525	.4662959

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.471141	.5105021	.9682160	9.233909	F .0001374	F .0133898
Stddev	.243393	.0054326	.0277664	.080745	.0023076	.0009501
%RSD	2.569833	1.064167	2.867787	.8744378	1679.155	7.095871

#1	9.672507	.5090055	.9361671	9.326997	-.000028	.0142276
#2	9.200668	.5059746	.9834527	9.182817	-.002083	.0123575
#3	9.540249	.5165261	.9850283	9.191913	.002523	.0135843

Sample Name: ICV Acquired: 03/04/2019 11:43:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
User: BIN H 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 -.000124	F .0004028	F -.052920	F -.000671	F -.000324	F -.001937
Stddev	.000186	.0026422	.000498	.000501	.002180	.002623
%RSD	149.7119	655.9156	.9406745	74.64281	673.8299	135.4113
#1	-.000320	.0000344	-.053000	-.000093	-.002624	-.001937
#2	-.000103	-.002036	-.052387	-.000977	.001713	.000686
#3	.000050	.003210	-.053373	-.000944	-.000060	-.004560

Elem	Sr4077
Units	ppm
Avg	F .0115123
Stddev	.0000426
%RSD	.3701853
#1	.0114991
#2	.0115600
#3	.0114779

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1718.504	3228.380	37266.37	4549.342	4107.591
Stddev	5.258	14.067	67.56	13.289	8.001
%RSD	.3059695	.4357374	.1812808	.2921052	.1947856
#1	1722.658	3238.536	37337.57	4537.100	4102.804
#2	1720.261	3234.280	37203.17	4563.475	4116.827
#3	1712.592	3212.324	37258.38	4547.450	4103.141

Sample Name: ICB Acquired: 03/04/2019 11:47:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
User: BIN H 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	.0008060	.0007615	-.000583	.0020139	.0008141	.0044783	-.001867
Stddev	.0004700	.0022767	.001100	.0019094	.0014442	.0141401	.000330
%RSD	58.31299	298.9856	188.6259	94.81207	177.4087	315.7474	17.66453

#1	.0011749	-.000017	-.000552	.0011166	.0020944	-.003112	-.002077
#2	.0002768	-.001024	-.001698	.0007184	.0010993	.020793	-.001487
#3	.0009661	.003325	.000501	.0042066	-.000752	-.004246	-.002038

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000282	-.000044	.0042730	-.000483	.0002793	.0000111	-.015986
Stddev	.0000168	.000065	.0016309	.000436	.0001793	.0073938	.007191
%RSD	59.56871	146.6161	38.16712	90.11116	64.19290	66803.09	44.98381

#1	.0000158	-.000105	.0061364	-.000508	.0001482	.0029215	-.023662
#2	.0000474	-.000050	.0035772	-.000906	.0004836	.0055068	-.009406
#3	.0000215	.000024	.0031055	-.000036	.0002061	-.008395	-.014890

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005176	-.089303	.0001090	.0008409	-.358041	-.011928	.0011394
Stddev	.0013048	.063897	.0003969	.0001950	.063387	.005846	.0093701
%RSD	252.0937	71.55076	363.9981	23.18846	17.70382	49.00591	822.3788

#1	.0002304	-.140013	-.000086	.0008078	-.382158	-.015544	.0062113
#2	-.000620	-.110361	-.000152	.0006645	-.405830	-.015057	-.009673
#3	.001942	-.017535	.000566	.0010503	-.286135	-.005184	.006880

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.384200	-.005173	.0010816	.0001329	-.005257	-.059155	-.000536
Stddev	.048466	.002914	.0004255	.0001398	.003492	.000407	.001281
%RSD	12.61482	56.33522	39.34269	105.1518	66.41543	.6888683	239.1607

#1	-.370352	-.003710	.0007702	.0001164	-.008032	-.059592	-.000328
#2	-.438082	-.003281	.0015664	.0000022	-.006404	-.058786	.000629
#3	-.344165	-.008529	.0009080	.0002802	-.001337	-.059088	-.001908

Sample Name: ICB Acquired: 03/04/2019 11:47:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000258	-.003141	-.000097
Stddev	.000780	.000890	.000071
%RSD	302.1060	28.32793	73.35842

#1	-.000991	-.004063	-.000106
#2	.000562	-.002288	-.000164
#3	-.000346	-.003070	-.000022

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1715.416	3216.425	37031.30	4504.550	4121.795
Stddev	7.007	5.525	97.55	44.847	6.201
%RSD	.4084761	.1717825	.2634172	.9955889	.1504430

#1	1723.282	3217.403	36985.05	4506.575	4126.312
#2	1713.125	3221.396	37143.37	4458.725	4124.347
#3	1709.842	3210.476	36965.47	4548.350	4114.725

Sample Name: ICSAB Acquired: 03/04/2019 11:55:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1074935	.1184814	.0538048	.0554287	.6761928	245.2160
Stddev	.0084740	.0019080	.0005260	.0069600	.0012506	.1909
%RSD	7.883307	1.610403	.9776328	12.55676	.1849418	.0778639

#1	.0977291	.1187224	.0534030	.0621859	.6776257	245.2941
#2	.1129246	.1202575	.0544002	.0558180	.6753212	244.9984
#3	.1118269	.1164644	.0536113	.0482822	.6756316	245.3555

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5508137	.5514080	1.103628	263.0809	.6387788	.5478626
Stddev	.0017094	.0054907	.004806	.8642	.0007817	.0026229
%RSD	.3103497	.9957611	.4354668	.3284830	.1223665	.4787440

#1	.5521291	.5457090	1.099196	262.5430	.6378771	.5449644
#2	.5514307	.5518515	1.102950	262.6221	.6392648	.5485503
#3	.5488815	.5566636	1.108736	264.0778	.6391944	.5500731

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5610695	110.7471	.5860888	273.6684	1.093978	.1796188
Stddev	.0053861	.5912	.0036616	.9230	.005605	.0004699
%RSD	.9599749	.5338527	.6247541	.3372552	.5123731	.2616067

#1	.5588174	110.9527	.5895602	273.1330	1.088183	.1791339
#2	.5672162	110.0805	.5822628	273.1381	1.094380	.1796506
#3	.5571750	111.2080	.5864435	274.7342	1.099371	.1800720

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.276657	.5738217	1.104786	-1.11068	.0114621	F .1352328
Stddev	.414556	.0087876	.039499	.03684	.0019830	.0023462
%RSD	149.8444	1.531423	3.575301	3.316912	17.30044	1.734921

#1	-.749245	.5825186	1.092770	-1.12062	.0096332	.1375516
#2	-.106335	.5740004	1.148899	-1.06990	.0135697	.1328602
#3	.025608	.5649461	1.072691	-1.14154	.0111834	.1352865

Sample Name: ICSAB Acquired: 03/04/2019 11:55:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026036	-.005084	-.056952	-.005089	-.000277	-.001281
Stddev	.0002899	.002913	.001082	.001235	.004791	.001648
%RSD	11.13416	57.30662	1.900349	24.26393	1731.655	128.6514
#1	.0024007	-.004294	-.055798	-.005161	.004843	-.000053
#2	.0029356	-.002646	-.057945	-.006286	-.001022	-.000637
#3	.0024745	-.008310	-.057113	-.003820	-.004651	-.003155

Elem	Sr4077
Units	ppm
Avg	.1053083
Stddev	.0002551
%RSD	.2422150
#1	.1050272
#2	.1053725
#3	.1055250

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1625.360	3008.569	35747.27	4489.941	3634.533
Stddev	11.422	10.592	99.61	44.337	9.812
%RSD	.7027542	.3520696	.2786493	.9874835	.2699778
#1	1613.974	3019.659	35723.87	4541.036	3645.600
#2	1625.288	3007.492	35661.44	4467.189	3631.103
#3	1636.818	2998.557	35856.49	4461.598	3626.895

Sample Name: ICSA Acquired: 03/04/2019 11:51:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053094	.0021807	.0047367	-.001974	.0057271	250.3507
Stddev	.0049364	.0012580	.0009304	.006536	.0022287	1.1710
%RSD	92.97427	57.68651	19.64218	331.0398	38.91563	.4677272

#1	.0099425	.0036333	.0042013	-.006717	.0064806	248.9991
#2	.0058685	.0014549	.0041978	-.004687	.0074814	250.9949
#3	.0001173	.0014540	.0058110	.005481	.0032193	251.0582

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035999	.0010236	-.000055	266.5181	F .0620358	.0026486
Stddev	.0014525	.0000412	.000199	2.5114	.0002829	.0002091
%RSD	40.34936	4.026961	362.2097	.9423008	.4560709	7.892942

#1	.0028014	.0010320	-.000122	263.7281	.0623015	.0028030
#2	.0052765	.0009788	.000169	267.2281	.0617383	.0027321
#3	.0027218	.0010600	-.000212	268.5980	.0620674	.0024107

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047049	111.8433	.0155046	277.4457	.0054197	-.008034
Stddev	.0046320	1.0401	.0004583	3.1731	.0005768	.000218
%RSD	98.45083	.9299558	2.955839	1.143685	10.64341	2.715382

#1	.0000173	110.6464	.0160155	273.8524	.0050309	-.007856
#2	.0048181	112.3553	.0153686	278.6223	.0051457	-.007968
#3	.0092793	112.5281	.0151297	279.8624	.0060825	-.008278

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.503841	-.003224	.0078628	-.891638	.0037387	F .1385371
Stddev	.078860	.009253	.0081395	.076016	.0026563	.0013602
%RSD	15.65184	287.0093	103.5196	8.525388	71.04795	.9818163

#1	-.453972	.001828	.0128172	-.969270	.0022883	.1369900
#2	-.594759	-.013903	-.001531	-.888293	.0021234	.1395451
#3	-.462792	.002403	.012302	-.817350	.0068045	.1390762

Sample Name: ICSA Acquired: 03/04/2019 11:51:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027342	-.007967	-.059360	-.004766	-.002144	.0027416
Stddev	.0003562	.002645	.001276	.000142	.003161	.0015321
%RSD	13.02608	33.19652	2.150421	2.976276	147.4654	55.88204

#1	.0026422	-.009286	-.060311	-.004685	-.005779	.0043357
#2	.0031274	-.004922	-.059858	-.004684	-.000609	.0012803
#3	.0024331	-.009694	-.057909	-.004930	-.000043	.0026087

Elem	Sr4077
Units	ppm
Avg	.1081136
Stddev	.0003181
%RSD	.2942635

#1	.1083298
#2	.1082628
#3	.1077483

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1616.843	3008.310	35690.68	4492.243	3607.551
Stddev	7.315	9.671	273.16	45.077	14.698
%RSD	.4524354	.3214634	.7653649	1.003438	.4074195

#1	1612.130	3014.354	35401.29	4508.195	3612.104
#2	1613.128	3013.420	35726.70	4527.175	3619.434
#3	1625.270	2997.156	35944.04	4441.360	3591.115

Sample Name: CCB047 Acquired: 03/04/2019 12:03:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB047 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003452	.0003769	.0006551	.0014704	.0002669	.0091756	-.001838
Stddev	.0014908	.0024464	.0008648	.0006823	.0028095	.0100894	.000360
%RSD	431.9128	649.1196	132.0084	46.40207	1052.825	109.9586	19.57934

#1	.0000033	.0009341	-.000318	.0008715	-.002495	.0186797	-.002229
#2	-.000945	.0024966	.001337	.0013265	.000174	.0102589	-.001520
#3	.001977	-.002300	.000946	.0022132	.003122	-.001412	-.001766

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000034	-.000037	-.015062	.0000068	.0002190	.0041046	-.004863
Stddev	.000042	.000056	.008296	.0006284	.0001541	.0033824	.006637
%RSD	124.7760	152.1202	55.07648	9237.024	70.37246	82.40347	136.4927

#1	.000007	-.000089	-.016374	.0004245	.0001499	.0003641	.001868
#2	-.000032	.000022	-.022623	.0003118	.0001116	.0050019	-.011402
#3	-.000077	-.000043	-.006188	-.000716	.0003956	.0069479	-.005055

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000250	.0333983	.0002989	.0011532	-.381660	-.007093	.0001019
Stddev	.001644	.0742156	.0003782	.0002427	.180270	.002144	.0130473
%RSD	658.7960	222.2138	126.5218	21.04765	47.23315	30.22702	12810.79

#1	-.002008	.1117988	-.000127	.0014316	-.563258	-.006094	-.004913
#2	.001250	-.035768	.000430	.0010416	-.378974	-.005630	-.009694
#3	.000010	.024164	.000595	.0009863	-.202748	-.009554	.014913

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.481988	-.007191	.0031049	.0000084	-.007239	-.060791	-.000891
Stddev	.038967	.002178	.0018548	.0001263	.004287	.000932	.001603
%RSD	8.084668	30.28846	59.73715	1510.283	59.22126	1.532951	179.7818

#1	-.470991	-.004720	.0051482	.0001390	-.011849	-.060379	-.000300
#2	-.449701	-.008024	.0015275	-.000113	-.006492	-.060136	-.002706
#3	-.525272	-.008831	.0026390	-.000001	-.003374	-.061858	.000332

Sample Name: CCB047 Acquired: 03/04/2019 12:03:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB047 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0014508	-.004107	-.000095
Stddev	.0007864	.000814	.000043
%RSD	54.20766	19.80884	45.38903

#1	.0017249	-.003702	-.000138
#2	.0005640	-.003576	-.000093
#3	.0020635	-.005044	-.000052

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1698.474	3195.226	36744.52	4533.817	4113.908
Stddev	7.430	4.864	184.89	40.859	4.751
%RSD	.4374225	.1522178	.5031747	.9012094	.1154845

#1	1706.460	3191.179	36944.41	4525.700	4113.366
#2	1691.768	3200.621	36579.64	4497.625	4118.906
#3	1697.193	3193.877	36709.52	4578.125	4109.450

Sample Name: CCV047 Acquired: 03/04/2019 11:59:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV047 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.939696	4.858495	24.40365	4.958933	5.020149	402.1499	9.855858
Stddev	.028363	.033651	.08445	.030758	.035157	2.1157	.025284
%RSD	.5741757	.6926169	.3460490	.6202580	.7003237	.5260943	.2565427

#1	4.917290	4.851182	24.33458	4.953149	5.008016	404.2538	9.844356
#2	4.930212	4.829102	24.37857	4.931477	4.992664	400.0226	9.884849
#3	4.971585	4.895201	24.49780	4.992173	5.059765	402.1734	9.838369

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5083001	2.484169	416.9005	15.24930	2.514209	14.85894	423.6995
Stddev	.0017911	.010586	4.7759	.06096	.007505	.06272	6.7163
%RSD	.3523745	.4261215	1.145572	.3997272	.2985172	.4221051	1.585167

#1	.5065209	2.479008	421.0014	15.18648	2.507753	14.88373	430.2149
#2	.5101029	2.477154	411.6570	15.30820	2.512431	14.90548	416.7988
#3	.5082764	2.496345	418.0432	15.25323	2.522444	14.78761	424.0849

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.50222	417.8465	2.466521	1.218325	400.5866	2.569609	15.23093
Stddev	.24603	6.6697	.010424	.008472	3.5770	.045324	.26458
%RSD	1.587036	1.596209	.4226278	.6953512	.8929360	1.763849	1.737102

#1	15.74649	424.1834	2.456125	1.217766	403.3125	2.591798	15.53606
#2	15.25447	410.8875	2.466465	1.210147	396.5363	2.517466	15.09134
#3	15.50570	418.4685	2.476973	1.227062	401.9110	2.599565	15.06537

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.9363	5.289876	5.422187	5.011883	5.124544	4.944334	4.981950
Stddev	.4641	.042657	.011682	.034787	.043874	.025211	.027732
%RSD	.3054334	.8063829	.2154447	.6940876	.8561462	.5098963	.5566406

#1	151.5820	5.264378	5.417700	5.004557	5.090083	4.918059	4.961784
#2	151.7654	5.266129	5.413415	4.981342	5.109615	4.946617	4.970492
#3	152.4616	5.339121	5.435448	5.049749	5.173934	4.968326	5.013575

Sample Name: CCV047 Acquired: 03/04/2019 11:59:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV047 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.016248	5.075752	4.978727
Stddev	.029425	.017595	.015278
%RSD	.5865935	.3466389	.3068582

#1	5.048438	5.090849	4.962970
#2	4.990735	5.056430	4.993475
#3	5.009571	5.079977	4.979736

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1515.439	2795.469	35210.33	4431.556	3303.519
Stddev	15.535	11.294	71.54	34.040	8.492
%RSD	1.025145	.4040112	.2031807	.7681383	.2570618

#1	1499.983	2796.855	35127.72	4431.146	3309.081
#2	1531.052	2806.006	35251.44	4465.800	3307.732
#3	1515.283	2783.546	35251.82	4397.723	3293.744

Sample Name: PB117538BS Acquired: 03/04/2019 12:11:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS538 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0234941	F .0514455	F .0198335	F .0763850	F .1279956	F .4276711
Stddev	.0040968	.0025281	.0015518	.0041580	.0004176	.0232264
%RSD	17.43770	4.914125	7.824009	5.443428	.3262363	5.430894

#1	.0193273	.0485608	.0210223	.0721550	.1275760	.4431334
#2	.0275172	.0532755	.0204001	.0765331	.1284111	.4389177
#3	.0236378	.0525002	.0180780	.0804669	.1279998	.4009623

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .3637344	.0103007	.0101417	F 2.091458	.0245334	F .0982149
Stddev	.0011107	.0001907	.0001479	.004769	.0001207	.0002976
%RSD	.3053721	1.851724	1.458740	.2280169	.4920493	.3030210

#1	.3647016	.0101066	.0102611	2.087793	.0246587	.0981194
#2	.3639803	.0103077	.0099762	2.089732	.0245237	.0979768
#3	.3625213	.0104879	.0101878	2.096850	.0244178	.0985486

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0556449	F .2168520	F .0360760	F 2.151812	F .0825257	F .0194522
Stddev	.0059753	.0311568	.0025230	.032361	.0003861	.0002542
%RSD	10.73828	14.36779	6.993554	1.503884	.4679179	1.306938

#1	.0533786	.2345204	.0338339	2.148235	.0821081	.0193437
#2	.0624218	.1808771	.0355862	2.185813	.0825991	.0192702
#3	.0511342	.2351585	.0388080	2.121389	.0828698	.0197426

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 9.653765	F .1017129	F .1080796	F 8.340712	.0164100	.0153843
Stddev	.131303	.0087717	.0017131	.075684	.0023881	.0021033
%RSD	1.360117	8.624018	1.585066	.9074092	14.55259	13.67142

#1	9.570675	.1009235	.1092923	8.316982	.0148842	.0136522
#2	9.585481	.1108526	.1088269	8.425418	.0151837	.0147761
#3	9.805139	.0933625	.1061198	8.279736	.0191620	.0177246

Sample Name: PB117538BS Acquired: 03/04/2019 12:11:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS538 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0208122	.1793063	.1300391	.0129644	.0020912	.0822413
Stddev	.0002294	.0026356	.0014830	.0003231	.0010283	.0014885
%RSD	1.102257	1.469905	1.140454	2.491995	49.17436	1.809893
#1	.0205606	.1814012	.1283377	.0132991	.0009542	.0837771
#2	.0208664	.1763470	.1310586	.0126544	.0023631	.0821415
#3	.0210097	.1801706	.1307209	.0129397	.0029563	.0808052

Elem	Sr4077
Units	ppm
Avg	.2008935
Stddev	.0008971
%RSD	.4465485
#1	.2018948
#2	.2006225
#3	.2001631

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1736.468	3219.593	37745.62	4654.600	4184.505
Stddev	16.012	13.124	123.94	26.066	12.366
%RSD	.9221238	.4076287	.3283568	.5600038	.2955190
#1	1718.902	3230.316	37602.77	4677.075	4189.436
#2	1740.254	3223.506	37809.51	4660.700	4193.645
#3	1750.248	3204.958	37824.58	4626.025	4170.435

Sample Name: PB117538BL Acquired: 03/04/2019 12:07:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBS538 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002115	-.002410	-.001322	.0012811	.0013316	.0127044	-.001417
Stddev	.002642	.001930	.001541	.0038841	.0019989	.0191490	.000305
%RSD	124.9074	80.06686	116.5869	303.1989	150.1097	150.7267	21.52745

#1	-.003498	-.000191	-.002047	-.002195	.0030750	.0331066	-.001251
#2	-.003779	-.003345	.000448	.000564	-.000850	.0098855	-.001770
#3	.000931	-.003695	-.002368	.005474	.001770	-.004879	-.001232

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000064	-.000103	-.011247	.0005761	.0000991	.0004647	-.024419
Stddev	.000072	.000048	.024503	.0006576	.0001137	.0039864	.010657
%RSD	111.5154	46.30085	217.8532	114.1483	114.7308	857.9174	43.64184

#1	-.000131	-.000060	-.022200	.0013354	.0002296	-.003377	-.016373
#2	.000012	-.000096	-.028363	.0002007	.0000454	.004582	-.020378
#3	-.000074	-.000155	.016821	.0001922	.0000222	.000189	-.036505

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039403	-.038190	.0001802	.0003227	-.370163	-.002857	-.008708
Stddev	.0012843	.064478	.0004124	.0004293	.097433	.004643	.004866
%RSD	32.59422	168.8334	228.9117	133.0389	26.32155	162.4868	55.87869

#1	.0053742	-.078938	-.000290	.0002830	-.464164	.001820	-.004826
#2	.0035511	-.071780	.000483	.0007704	-.376697	-.002926	-.007132
#3	.0028956	.036148	.000347	-.000085	-.269628	-.007465	-.014167

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.52225	-.003096	-.003603	-.000233	-.007301	-.064261	-.002465
Stddev	.11092	.003965	.000701	.000132	.003015	.001224	.000374
%RSD	7.286648	128.0461	19.46472	56.75734	41.30026	1.904506	15.16517

#1	-1.39478	.001283	-.002795	-.000216	-.004606	-.063057	-.002262
#2	-1.57520	-.006441	-.003972	-.000374	-.006740	-.064223	-.002237
#3	-1.59679	-.004132	-.004044	-.000111	-.010558	-.065504	-.002896

Sample Name: PB117538BL Acquired: 03/04/2019 12:07:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBS538 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0022525	-.009173	-.000112
Stddev	.0019103	.001764	.000036
%RSD	84.80756	19.23513	32.11152

#1	.0021364	-.011182	-.000082
#2	.0042182	-.007875	-.000101
#3	.0004029	-.008462	-.000151

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1754.828	3264.455	38151.38	4665.675	4211.288
Stddev	13.249	17.033	183.84	38.182	2.333
%RSD	.7549797	.5217724	.4818613	.8183569	.0553920

#1	1749.761	3271.060	38034.89	4672.475	4213.184
#2	1744.861	3277.196	38055.93	4700.000	4211.996
#3	1769.862	3245.109	38363.30	4624.550	4208.683

Sample Name: K1703-01LX5 Acquired: 03/04/2019 12:27:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC6TJ7L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2145975	.0057757	12.19467	.0038176	.3342130	4.668675	.2271958
Stddev	.0031810	.0017924	.06043	.0016131	.0015670	.028541	.0007960
%RSD	1.482310	31.03387	.4955085	42.25520	.4688656	.6113370	.3503631

#1	.2159657	.0057892	12.16757	.0043205	.3359777	4.660951	.2281149
#2	.2168655	.0075614	12.15253	.0020129	.3329843	4.700283	.2267449
#3	.2109613	.0039766	12.26390	.0051193	.3336770	4.644791	.2267276

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009073	.0174351	19.87621	.0168607	.0058863	.1195655	64.83351
Stddev	.0000351	.0000853	.15042	.0008140	.0000742	.0021692	.52439
%RSD	3.865271	.4892831	.7567647	4.827518	1.260453	1.814249	.8088216

#1	.0008669	.0173876	19.77727	.0159377	.0059628	.1187871	64.77346
#2	.0009253	.0173841	20.04931	.0174759	.0058814	.1220165	65.38534
#3	.0009297	.0175336	19.80206	.0171684	.0058147	.1178929	64.34173

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1507195	2.474971	.0219239	-.002611	.1008816	.0155459	.3662239
Stddev	.0050365	.006545	.0002419	.000552	.1062514	.0044040	.0145494
%RSD	3.341627	.2644435	1.103371	21.14804	105.3229	28.32922	3.972809

#1	.1468263	2.472744	.0216887	-.002992	.0702043	.0156987	.3509668
#2	.1564075	2.469831	.0219109	-.002863	.0133439	.0110675	.3677615
#3	.1489246	2.482339	.0221720	-.001978	.2190966	.0198715	.3799434

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.298081	.5195082	.0865695	.0033634	12.85667	.3846284	.0400039
Stddev	.062725	.0037263	.0006232	.0000107	.05639	.0047279	.0005759
%RSD	2.729465	.7172773	.7198781	.3185504	.4386257	1.229227	1.439692

#1	2.318778	.5237795	.0872846	.0033692	12.80241	.3810354	.0396617
#2	2.227623	.5178227	.0862812	.0033700	12.85261	.3899845	.0396813
#3	2.347842	.5169225	.0861426	.0033511	12.91498	.3828651	.0406689

Sample Name: K1703-01LX5 Acquired: 03/04/2019 12:27:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC6TJ7L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6224962	.0065943	.1165950
Stddev	.0041899	.0036704	.0007365
%RSD	.6730728	55.66080	.6316291

#1	.6221024	.0049219	.1174093
#2	.6268691	.0108031	.1159757
#3	.6185172	.0040579	.1163999

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1730.285	3179.244	37554.85	4642.492	4111.382
Stddev	20.029	4.860	172.80	15.295	3.913
%RSD	1.157570	.1528752	.4601213	.3294528	.0951798

#1	1709.209	3178.520	37414.42	4633.400	4112.459
#2	1732.574	3184.425	37502.32	4633.925	4114.644
#3	1749.071	3174.786	37747.82	4660.150	4107.043

Sample Name: K1703-03 Acquired: 03/04/2019 12:23:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC6TJ7S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9045280	.1233521	F 54.24386	.0422904	1.397350	27.82924
Stddev	.0022800	.0026449	.26571	.0034663	.004532	.10367
%RSD	.2520657	2.144185	.4898441	8.196311	.3243100	.3725085

#1	.9052961	.1205646	54.22654	.0390063	1.392796	27.77827
#2	.9019632	.1258266	53.98723	.0419511	1.397393	27.94853
#3	.9063248	.1236652	54.51781	.0459139	1.401860	27.76092

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.049578	.0998971	.1843459	85.50883	.4941181	1.019505
Stddev	.012679	.0012101	.0007887	.78601	.0017097	.004922
%RSD	.2510976	1.211312	.4278236	.9192164	.3460085	.4828120

#1	5.041886	.0991501	.1840131	84.96708	.4922607	1.017673
#2	5.064212	.1012932	.1837781	86.41034	.4956260	1.015762
#3	5.042636	.0992480	.1852464	85.14907	.4944678	1.025081

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.020059	274.2355	1.625115	14.09980	1.093584	.0802153
Stddev	.006890	2.2388	.007640	.17690	.004229	.0001859
%RSD	.6754517	.8163678	.4701354	1.254661	.3866907	.2317383

#1	1.012868	273.1257	1.617325	14.23559	1.092002	.0800913
#2	1.020707	276.8123	1.632597	14.16407	1.090374	.0804291
#3	1.026602	272.7684	1.625423	13.89975	1.098376	.0801256

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.272762	1.143824	2.413146	14.79950	2.231944	.3964104
Stddev	.066590	.012794	.033454	.14098	.021699	.0061177
%RSD	5.231965	1.118523	1.386327	.9525828	.9722062	1.543278

#1	1.236239	1.136881	2.393334	14.75038	2.212873	.3953726
#2	1.232424	1.158589	2.394334	14.68965	2.227406	.4029807
#3	1.349622	1.136003	2.451772	14.95846	2.255554	.3908780

Sample Name: K1703-03 Acquired: 03/04/2019 12:23:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC6TJ7S Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0149442	60.26995	2.647821	.1999772	2.871262	.0643085
Stddev	.0001628	.21082	.033901	.0026050	.016246	.0007682
%RSD	1.089615	.3497968	1.280328	1.302667	.5658224	1.194595

#1	.0148328	60.08297	2.642335	.2012053	2.867754	.0651265
#2	.0148688	60.22845	2.684130	.1969852	2.888976	.0636023
#3	.0151311	60.49844	2.616998	.2017413	2.857056	.0641968

Elem	Sr4077
Units	ppm
Avg	.5265589
Stddev	.0009325
%RSD	.1770950

#1	.5255891
#2	.5266386
#3	.5274490

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1732.580	3182.295	38235.71	4759.168	4007.535
Stddev	6.831	7.035	147.25	34.595	9.696
%RSD	.3942469	.2210732	.3851063	.7269193	.2419502

#1	1731.198	3189.346	38253.74	4780.129	4014.735
#2	1739.996	3175.276	38373.10	4719.237	4011.360
#3	1726.546	3182.261	38080.27	4778.138	3996.510

Sample Name: K1703-05 Acquired: 03/04/2019 12:35:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC6TJ9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5651570	.0165553	6.308341	.0134525	.3314956	57.79851	1.734841
Stddev	.0037244	.0009396	.011694	.0021927	.0039621	.15256	.006357
%RSD	.6589962	5.675438	.1853715	16.29990	1.195213	.2639440	.3664441

#1	.5640174	.0176343	6.300287	.0159844	.3345744	57.90714	1.741654
#2	.5621356	.0161137	6.302982	.0121794	.3270255	57.86430	1.729067
#3	.5693181	.0159179	6.321754	.0121936	.3328869	57.62410	1.733804

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050361	.0051558	17.01874	.1313326	.0401327	.4738397	303.6506
Stddev	.0001003	.0000376	.10041	.0007795	.0003125	.0023752	1.2794
%RSD	1.991122	.7285042	.5899906	.5935217	.7786017	.5012652	.4213507

#1	.0049266	.0051660	17.00892	.1321906	.0398036	.4764073	303.6881
#2	.0051235	.0051142	17.12369	.1306681	.0401692	.4717210	304.9109
#3	.0050581	.0051872	16.92360	.1311391	.0404253	.4733908	302.3528

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7903444	14.06324	.1103967	-.017268	-.217878	.2060259	.5722798
Stddev	.0058151	.05992	.0008176	.000261	.142144	.0141123	.0043663
%RSD	.7357653	.4260676	.7405913	1.513334	65.24021	6.849785	.7629688

#1	.7867119	14.13240	.1105536	-.017536	-.053744	.2046672	.5761328
#2	.7970513	14.03032	.1111245	-.017253	-.299964	.2207685	.5675372
#3	.7872698	14.02700	.1095121	-.017014	-.299925	.1926421	.5731694

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.118678	4.639329	.3842535	.0083313	8.742020	3.067171	.5604175
Stddev	.078407	.004916	.0024193	.0002113	.003586	.040100	.0014941
%RSD	1.101427	.1059598	.6296240	2.536267	.0410203	1.307393	.2666112

#1	7.133562	4.644757	.3853381	.0082565	8.737945	3.107098	.5587179
#2	7.033896	4.635178	.3814817	.0081676	8.743418	3.067513	.5615242
#3	7.188576	4.638051	.3859409	.0085698	8.744696	3.026900	.5610104

Sample Name: K1703-05 Acquired: 03/04/2019 12:35:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC6TJ9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9687168	.1065579	.1509903
Stddev	.0054397	.0010564	.0005060
%RSD	.5615394	.9913570	.3350919

#1	.9706497	.1074860	.1515058
#2	.9729261	.1054084	.1504945
#3	.9625746	.1067793	.1509707

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1744.022	3222.022	38301.78	4794.288	4046.266
Stddev	6.817	8.431	41.90	33.060	10.202
%RSD	.3908891	.2616687	.1093854	.6895797	.2521226

#1	1751.177	3219.103	38308.90	4789.609	4053.362
#2	1737.602	3231.524	38339.65	4763.817	4050.862
#3	1743.288	3215.438	38256.77	4829.439	4034.575

Sample Name: K1703-04 Acquired: 03/04/2019 12:31:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC6TJ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6859905	.0226133	3.436193	.0181121	.3261833	66.03996	2.241738
Stddev	.0005588	.0008734	.005019	.0012123	.0006135	.29894	.007640
%RSD	.0814668	3.862381	.1460735	6.693452	.1880879	.4526654	.3407912

#1	.6863075	.0222907	3.439423	.0168305	.3257660	66.33656	2.248346
#2	.6853453	.0219470	3.438745	.0182651	.3258962	65.73873	2.233373
#3	.6863189	.0236021	3.430410	.0192406	.3268878	66.04458	2.243496

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057485	.0046048	20.76829	.1512589	.0417956	.4678099	368.4207
Stddev	.0001054	.0003308	.22416	.0006710	.0001529	.0009182	3.1277
%RSD	1.833188	7.184687	1.079332	.4435880	.3659325	.1962677	.8489458

#1	.0058536	.0042729	20.96836	.1520223	.0416445	.4668927	371.6494
#2	.0057492	.0049346	20.52603	.1507627	.0417920	.4687290	365.4049
#3	.0056428	.0046070	20.81048	.1509917	.0419503	.4678080	368.2077

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7870595	16.68163	.1346409	-.021701	-.533203	.2146132	.4883533
Stddev	.0083467	.05514	.0001558	.000342	.260093	.0031086	.0090563
%RSD	1.060485	.3305457	.1157285	1.576734	48.77942	1.448450	1.854457

#1	.7957476	16.69991	.1344844	-.022037	-.317061	.2132886	.4865879
#2	.7791024	16.72531	.1346424	-.021711	-.460690	.2123863	.4981623
#3	.7863285	16.61967	.1347960	-.021353	-.821858	.2181647	.4803096

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.080993	5.190216	.4734520	.0098618	7.279380	2.651375	.8826103
Stddev	.121440	.015028	.0080383	.0004102	.030881	.037913	.0014949
%RSD	1.715014	.2895473	1.697797	4.159732	.4242282	1.429946	.1693691

#1	7.215340	5.182002	.4826898	.0095541	7.260792	2.658258	.8815128
#2	7.048614	5.181084	.4680513	.0097038	7.262320	2.610491	.8820052
#3	6.979024	5.207560	.4696150	.0103276	7.315028	2.685375	.8843129

Sample Name: K1703-04 Acquired: 03/04/2019 12:31:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC6TJ8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5075311	.1259075	.1669279
Stddev	.0077639	.0006562	.0004870
%RSD	1.529745	.5211576	.2917525

#1	.5164304	.1264095	.1667708
#2	.5021428	.1251650	.1665389
#3	.5040202	.1261479	.1674741

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1742.564	3218.518	38205.18	4770.119	4027.140
Stddev	5.600	13.342	110.96	37.986	6.486
%RSD	.3213665	.4145254	.2904444	.7963353	.1610585

#1	1736.561	3229.208	38325.13	4748.301	4031.968
#2	1747.648	3222.779	38184.21	4813.982	4019.768
#3	1743.482	3203.566	38106.19	4748.076	4029.685

Sample Name: PB117545BL Acquired: 03/04/2019 12:39:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBW545 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040525	.0000271	.0014166	-.000182	-.002159	.0210278	-.001328
Stddev	.0025785	.0015580	.0013891	.001048	.001926	.0027176	.001709
%RSD	63.62661	5753.427	98.06113	575.1216	89.21741	12.92407	128.7066

#1	.0010881	.0009722	.0009133	-.001247	-.000895	.0200455	-.001231
#2	.0057753	.0008802	.0029872	.000848	-.004375	.0241001	-.003083
#3	.0052942	-.001771	.0003493	-.000148	-.001205	.0189379	.000331

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000241	-.000040	.0156769	-.000461	-.000062	-.001938	.0027703
Stddev	.0000164	.000065	.0083834	.000570	.000152	.003120	.0306219
%RSD	67.96470	164.6286	53.47594	123.5225	246.2965	160.9759	1105.378

#1	.0000428	-.000087	.0124983	-.000723	-.000189	-.005512	-.020558
#2	.0000123	.000035	.0093477	-.000853	.000106	-.000550	-.008577
#3	.0000172	-.000066	.0251848	.000192	-.000102	.000247	.037446

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002614	.0132929	.0000450	.0007934	-.308668	-.014378	.0031318
Stddev	.0013591	.0584288	.0000581	.0002385	.403941	.009025	.0086994
%RSD	519.8742	439.5488	129.0748	30.05998	130.8660	62.77295	277.7803

#1	.0017099	.0450531	.0000778	.0007839	.026330	-.022523	.0058566
#2	.0000604	.0489627	-.000022	.0005598	-.195096	-.004675	.0101426
#3	-.000986	-.054137	.000079	.0010366	-.757237	-.015935	-.006604

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.18780	-.005187	-.007893	-.000411	-.011189	-.064152	-.004187
Stddev	.00909	.003336	.000499	.000120	.003316	.000716	.000857
%RSD	.4156973	64.30952	6.319338	29.21487	29.63701	1.116700	20.47578

#1	-2.17731	-.008627	-.007319	-.000538	-.007507	-.064505	-.003331
#2	-2.19279	-.001966	-.008223	-.000397	-.013939	-.064622	-.005045
#3	-2.19332	-.004969	-.008137	-.000299	-.012120	-.063327	-.004185

Sample Name: PB117545BL Acquired: 03/04/2019 12:39:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBW545 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000188	-.012653	-.000101
Stddev	.001104	.001288	.000054
%RSD	585.8563	10.18258	53.01235

#1	-.001412	-.011667	-.000058
#2	.000114	-.012181	-.000084
#3	.000733	-.014111	-.000162

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1778.943	3266.155	38450.51	4748.042	4255.900
Stddev	4.858	9.901	240.53	11.632	10.826
%RSD	.2730735	.3031297	.6255618	.2449761	.2543662

#1	1776.485	3272.793	38391.23	4761.375	4263.474
#2	1784.539	3270.897	38715.14	4742.775	4260.725
#3	1775.806	3254.775	38245.15	4739.975	4243.501

Sample Name: PB117545BS Acquired: 03/04/2019 12:43:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS545 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0230914	.0525318	.0208431	.0876661	.1348450	.4117720
Stddev	.0018410	.0022598	.0012239	.0034588	.0014739	.0178776
%RSD	7.972580	4.301725	5.871832	3.945370	1.092992	4.341621

#1	.0229507	.0547167	.0202270	.0841374	.1364763	.4187755
#2	.0249987	.0526747	.0200496	.0910504	.1336094	.3914530
#3	.0213248	.0502039	.0222525	.0878106	.1344492	.4250875

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3651275	.0109698	.0106985	F 2.099709	.0237956	.0997044
Stddev	.0006364	.0000867	.0000727	.021789	.0003295	.0002488
%RSD	.1743002	.7900714	.6795418	1.037702	1.384606	.2495252

#1	.3652347	.0108751	.0106414	2.123609	.0239018	.0994202
#2	.3657034	.0110452	.0106738	2.080950	.0234261	.0998102
#3	.3644442	.0109891	.0107803	2.094569	.0240588	.0998828

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0555879	.2051024	.0356664	F 2.177693	.0846595	.0198929
Stddev	.0022744	.0332042	.0006726	.093762	.0008133	.0003023
%RSD	4.091478	16.18910	1.885746	4.305589	.9606787	1.519457

#1	.0529620	.1852731	.0361797	2.281192	.0842909	.0195488
#2	.0568650	.1865984	.0359143	2.153462	.0840958	.0201154
#3	.0569367	.2434357	.0349050	2.098423	.0855918	.0200146

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.598458	.1005499	.1156207	7.987335	F .0134341	F .0120214
Stddev	.159911	.0078695	.0121082	.093142	.0006602	.0005264
%RSD	1.666006	7.826511	10.47234	1.166120	4.914394	4.378535

#1	9.574852	.0928819	.1251208	8.092251	.0132850	.0126013
#2	9.451663	.1086066	.1019870	7.955369	.0141561	.0115737
#3	9.768860	.1001612	.1197543	7.914385	.0128612	.0118893

Sample Name: PB117545BS Acquired: 03/04/2019 12:43:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS545 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0214844	.1950326	F .1372178	.0115941	F -.000894	.0808865
Stddev	.0001516	.0050228	.0004909	.0005368	.002212	.0027138
%RSD	.7054798	2.575368	.3577398	4.629751	247.3470	3.355111
#1	.0214834	.1971094	.1377023	.0110886	.001059	.0824576
#2	.0213333	.1893044	.1372304	.0115362	-.000445	.0824491
#3	.0216365	.1986840	.1367208	.0121574	-.003296	.0777529

Elem	Sr4077
Units	ppm
Avg	.2026022
Stddev	.0005976
%RSD	.2949563
#1	.2032147
#2	.2025710
#3	.2020207

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1747.154	3213.598	38022.72	4710.908	4209.563
Stddev	8.543	15.910	211.73	24.196	16.251
%RSD	.4889817	.4950824	.5568502	.5136170	.3860461
#1	1756.640	3231.301	38266.59	4734.725	4223.882
#2	1740.066	3208.999	37915.86	4711.650	4212.907
#3	1744.755	3200.495	37885.72	4686.350	4191.900

Sample Name: K1703-03DLX2 Acquired: 03/04/2019 13:00:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC6TJ7S Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4620834	.0611744	26.75769	.0255764	.7309354	13.71066	2.492244
Stddev	.0025614	.0011408	.06778	.0028602	.0035566	.07902	.004508
%RSD	.5543258	1.864790	.2533237	11.18317	.4865844	.5763679	.1808784

#1	.4605150	.0610171	26.71677	.0285863	.7286930	13.78072	2.495028
#2	.4650392	.0601205	26.72037	.0252486	.7290770	13.72626	2.494662
#3	.4606959	.0623857	26.83594	.0228941	.7350363	13.62500	2.487043

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0505036	.0933225	41.90531	.2512783	.5054883	.4950821	136.5853
Stddev	.0008309	.0004107	.40382	.0008695	.0015432	.0053737	1.5873
%RSD	1.645175	.4400883	.9636521	.3460347	.3052923	1.085409	1.162099

#1	.0506747	.0931337	42.32198	.2519322	.5053057	.4977320	138.4163
#2	.0512355	.0930401	41.87825	.2516113	.5040445	.4986161	135.7415
#3	.0496004	.0937936	41.51570	.2502916	.5071147	.4888982	135.5983

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7860966	6.972110	.5496626	.0400840	.5294545	.5535706	1.226113
Stddev	.0147234	.050748	.0011400	.0005569	.3427602	.0055380	.033108
%RSD	1.872978	.7278727	.2074049	1.389395	64.73837	1.000421	2.700235

#1	.8030272	7.027187	.5487300	.0407005	.1666505	.5473024	1.227335
#2	.7789703	6.961898	.5493242	.0399341	.8478401	.5556087	1.192412
#3	.7762922	6.927244	.5509335	.0396173	.5738731	.5578009	1.258594

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.988873	1.153453	.1874414	.0074506	31.14477	1.255595	.0956371
Stddev	.117151	.002808	.0024992	.0002268	.10458	.027786	.0014495
%RSD	1.676253	.2434375	1.333330	3.044275	.3357837	2.212984	1.515657

#1	6.970914	1.150219	.1887642	.0073931	31.15691	1.249487	.0939635
#2	7.113967	1.155276	.1845588	.0072581	31.03465	1.285927	.0964554
#3	6.881738	1.154864	.1890012	.0077006	31.24274	1.231371	.0964925

Sample Name: K1703-03DLX2 Acquired: 03/04/2019 13:00:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC6TJ7S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.402594	.0293724	.2622175
Stddev	.003960	.0005494	.0006960
%RSD	.2823100	1.870442	.2654443

#1	1.406177	.0293079	.2624882
#2	1.403261	.0288581	.2627376
#3	1.398343	.0299512	.2614268

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1717.785	3129.747	37783.42	4803.598	4043.643
Stddev	12.475	4.139	121.32	61.123	5.014
%RSD	.7262213	.1322432	.3210823	1.272449	.1239937

#1	1727.668	3129.842	37758.14	4793.854	4039.256
#2	1721.920	3133.838	37915.39	4747.932	4049.108
#3	1703.768	3125.562	37676.74	4869.008	4042.564

Sample Name: K1703-02DLX2 Acquired: 03/04/2019 12:56:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC6TJ7D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5312136	.0073570	30.34110	.0137497	.8413167	11.26210	.5598298
Stddev	.0019673	.0006673	.07627	.0006366	.0006682	.02938	.0046185
%RSD	.3703486	9.070906	.2513838	4.629959	.0794221	.2608651	.8249889

#1	.5290918	.0071674	30.37276	.0138016	.8410001	11.27820	.5651074
#2	.5315716	.0068049	30.25409	.0143587	.8420844	11.27991	.5578545
#3	.5329773	.0080986	30.39644	.0130887	.8408657	11.22819	.5565273

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021793	.0434502	47.61591	.0399586	.0145231	.2991616	155.4798
Stddev	.0000346	.0002384	.11342	.0005583	.0001988	.0026222	.7008
%RSD	1.589545	.5486657	.2382038	1.397285	1.368620	.8765299	.4507579

#1	.0022114	.0433959	47.53302	.0403370	.0147130	.3019440	155.3165
#2	.0021426	.0432436	47.74518	.0393174	.0145397	.2988047	156.2478
#3	.0021838	.0437110	47.56954	.0402215	.0143165	.2967361	154.8749

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3529537	6.019887	.0549354	-.007911	.5239670	.0534840	.8792428
Stddev	.0049999	.044969	.0008218	.000445	.4442018	.0033658	.0251506
%RSD	1.416596	.7470031	1.495929	5.631612	84.77667	6.293103	2.860482

#1	.3533803	6.059007	.0558586	-.008399	.0133579	.0569912	.8969349
#2	.3477541	6.029897	.0546642	-.007807	.7371528	.0531807	.8903415
#3	.3577266	5.970757	.0542835	-.007526	.8213904	.0502801	.8504519

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.873670	1.335281	.2072590	.0081429	32.99014	.9999858	.0994996
Stddev	.101572	.003426	.0036914	.0001997	.12147	.0138573	.0018120
%RSD	1.477693	.2566130	1.781064	2.452916	.3681858	1.385748	1.821164

#1	6.756925	1.331495	.2102141	.0083735	32.89289	.9842039	.1013428
#2	6.941772	1.336176	.2084418	.0080226	32.95123	1.005592	.0977204
#3	6.922314	1.338171	.2031212	.0080328	33.12629	1.010162	.0994355

Sample Name: K1703-02DLX2 Acquired: 03/04/2019 12:56:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC6TJ7D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.483131	.0213147	.2866481
Stddev	.003314	.0006072	.0000342
%RSD	.2234177	2.848866	.0119207

#1	1.486003	.0208243	.2866103
#2	1.479506	.0211258	.2866768
#3	1.483883	.0219939	.2866571

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1715.432	3150.470	37812.88	4754.265	4049.149
Stddev	12.322	12.946	71.17	46.775	16.271
%RSD	.7183206	.4109196	.1882102	.9838542	.4018326

#1	1702.224	3149.558	37763.38	4806.991	4041.609
#2	1726.619	3163.849	37894.44	4717.758	4067.822
#3	1717.453	3138.005	37780.83	4738.047	4038.016

Sample Name: CCV048 Acquired: 03/04/2019 13:08:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV048 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.010786	4.910481	23.99265	5.253346	5.245926	397.0624
Stddev	.039741	.011147	.04258	.032270	.021222	1.3331
%RSD	.7931079	.2270110	.1774505	.6142768	.4045489	.3357340

#1	4.982624	4.898283	23.95357	5.227965	5.234542	395.9202
#2	4.993489	4.913021	23.98635	5.242411	5.232826	396.7397
#3	5.056244	4.920139	24.03802	5.289663	5.270412	398.5272

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.796691	.5146470	2.488817	406.3934	15.25730	2.496181
Stddev	.032847	.0055655	.005969	2.5319	.00662	.005203
%RSD	.3352823	1.081428	.2398334	.6230098	.0433717	.2084225

#1	9.797003	.5089032	2.483490	403.5378	15.24971	2.490612
#2	9.763689	.5150224	2.487693	407.2784	15.26185	2.497014
#3	9.829380	.5200153	2.495268	408.3640	15.26034	2.500916

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.25935	423.9419	14.91984	416.4461	2.475141	1.198741
Stddev	.09914	2.5348	.14697	2.3822	.003920	.003025
%RSD	.6952579	.5979212	.9850319	.5720305	.1583574	.2523080

#1	14.17151	421.0203	14.75131	413.7290	2.471895	1.201283
#2	14.23970	425.5570	15.02134	417.4337	2.474031	1.199546
#3	14.36684	425.2483	14.98688	418.1757	2.479495	1.195396

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	400.2440	2.517335	15.13309	152.0162	F 5.559547	5.287325
Stddev	1.5238	.022088	.09986	.8281	.008687	.055555
%RSD	.3807058	.8774187	.6598805	.5447618	.1562504	1.050714

#1	398.7051	2.492319	15.13706	151.2801	5.565508	5.225877
#2	400.2749	2.534147	15.23091	151.8557	5.563553	5.302096
#3	401.7521	2.525538	15.03131	152.9128	5.549580	5.334001

Sample Name: CCV048 Acquired: 03/04/2019 13:08:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV048 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.246642	5.263861	4.739468	4.993147	4.891713	5.082019
Stddev	.026960	.029664	.061691	.009178	.010560	.008382
%RSD	.5138513	.5635368	1.301647	.1838068	.2158756	.1649437
#1	5.231512	5.237365	4.675060	4.986241	4.882690	5.091475
#2	5.230645	5.258310	4.745319	4.989639	4.889122	5.079083
#3	5.277768	5.295908	4.798025	5.003562	4.903327	5.075500

Elem	Sr4077
Units	ppm
Avg	4.976940
Stddev	.024904
%RSD	.5003961
#1	4.957241
#2	4.968645
#3	5.004933

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1481.894	2674.198	34578.44	4466.695	3264.058
Stddev	6.661	14.156	95.15	33.552	6.484
%RSD	.4494677	.5293450	.2751595	.7511510	.1986439
#1	1480.048	2685.049	34562.28	4503.619	3271.077
#2	1476.350	2679.357	34492.41	4458.391	3262.804
#3	1489.283	2658.186	34680.64	4438.074	3258.293

Sample Name: K1703-01LDLX10 Acquired: 03/04/2019 13:03:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC6TJ7L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1104938	.0007677	6.034490	.0053519	.1728692	2.282653	.1104994
Stddev	.0026492	.0020440	.017816	.0079677	.0027444	.027822	.0005420
%RSD	2.397602	266.2543	.2952430	148.8762	1.587565	1.218839	.4905433

#1	.1079296	-.000821	6.016932	-.000821	.1714703	2.253315	.1100312
#2	.1103313	.000050	6.033984	.014346	.1711061	2.308659	.1103739
#3	.1132205	.003074	6.052554	.002530	.1760312	2.285985	.1110933

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004247	.0088397	9.664691	.0082409	.0029392	.0630308	31.93250
Stddev	.0000308	.0000297	.045899	.0005867	.0000289	.0041587	.20842
%RSD	7.261658	.3363213	.4749186	7.119815	.9826946	6.597950	.6526858

#1	.0004146	.0088054	9.685228	.0088890	.0029089	.0647130	32.03203
#2	.0004593	.0088549	9.696736	.0077458	.0029664	.0582945	32.07249
#3	.0004001	.0088587	9.612109	.0080880	.0029422	.0660849	31.69298

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0701236	1.227554	.0108241	-.000668	-.166461	.0104693	.1203625
Stddev	.0011414	.023282	.0001276	.000404	.104077	.0033346	.0879675
%RSD	1.627690	1.896617	1.178788	60.39883	62.52302	31.85144	73.08548

#1	.0694047	1.236826	.0109018	-.001124	-.073746	.0068973	.0188040
#2	.0695264	1.201064	.0106769	-.000359	-.279038	.0135004	.1727828
#3	.0714397	1.244770	.0108938	-.000521	-.146600	.0110102	.1695007

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8651237	.2609814	.0365580	.0014718	6.555270	.1504185	.0179945
Stddev	.0396868	.0031128	.0015457	.0002039	.021232	.0039591	.0008389
%RSD	4.587416	1.192743	4.228147	13.85114	.3238992	2.632087	4.662104

#1	.8214018	.2637828	.0365775	.0016624	6.563546	.1474575	.0179059
#2	.8750959	.2576303	.0380939	.0014961	6.531145	.1549155	.0172034
#3	.8988733	.2615310	.0350027	.0012568	6.571117	.1488824	.0188742

Sample Name: K1703-01LDLX10 Acquired: 03/04/2019 13:03:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC6TJ7L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2999552	-.001423	.0580265
Stddev	.0015241	.000496	.0003103
%RSD	.5080934	34.83233	.5347612

#1	.2983021	-.000860	.0577307
#2	.3013044	-.001618	.0583495
#3	.3002591	-.001792	.0579994

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1691.229	3116.116	37071.47	4695.108	4094.398
Stddev	11.952	5.285	217.53	17.729	4.072
%RSD	.7067150	.1696167	.5867756	.3776029	.0994590

#1	1681.244	3119.087	36936.13	4675.850	4098.983
#2	1687.971	3119.247	36955.88	4698.725	4093.012
#3	1704.472	3110.013	37322.39	4710.750	4091.200

Sample Name: CCB048 Acquired: 03/04/2019 13:11:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB048 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000222	-.001409	.0016544	.0023653	-.000036	.0164820	-.003252
Stddev	.004907	.001535	.0012960	.0022729	.000637	.0128911	.000709
%RSD	2208.165	108.8965	78.33970	96.09460	1752.637	78.21351	21.79182

#1	-.000367	-.002799	.0005204	.0034171	-.000698	.0231983	-.003130
#2	.004756	.000238	.0030671	-.000243	.000572	.0246282	-.002613
#3	-.005056	-.001667	.0013756	.003922	.000017	.0016195	-.004014

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000056	.0000013	-.000927	-.000585	.0002107	.0035378	-.016243
Stddev	.0000524	.0000856	.013312	.000791	.0002207	.0066112	.017367
%RSD	931.9061	6734.300	1435.973	135.3326	104.7764	186.8752	106.9185

#1	.0000001	.0000296	.005207	-.000698	.0001580	.0084534	-.021968
#2	.0000605	.0000691	.008213	.000257	.0004529	-.003978	.003263
#3	-.000044	-.000095	-.016201	-.001313	.0000210	.006138	-.030025

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000867	-.017203	.0004088	.0008597	-.249159	-.011459	-.005582
Stddev	.0014024	.024212	.0003672	.0003903	.277510	.007550	.003513
%RSD	1616.807	140.7417	89.83960	45.39448	111.3786	65.88798	62.93138

#1	.0004167	.006015	.0002912	.0006145	.004763	-.007464	-.007120
#2	.0012947	-.015326	.0001147	.0006549	-.206844	-.020166	-.001563
#3	-.001451	-.042299	.0008204	.0013097	-.545397	-.006745	-.008064

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.516817	-.006574	.0014136	-.000046	-.007737	-.063041	-.000154
Stddev	.113434	.001432	.0005071	.000298	.003525	.000727	.001041
%RSD	21.94859	21.78077	35.87333	653.7127	45.56019	1.152450	674.8432

#1	-.386044	-.006845	.0019406	.000029	-.010494	-.062807	.000670
#2	-.575788	-.007851	.0013713	-.000374	-.003765	-.062460	-.001324
#3	-.588618	-.005026	.0009290	.000208	-.008952	-.063856	.000191

Sample Name: CCB048 Acquired: 03/04/2019 13:11:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB048 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000948	-.004149	-.000109
Stddev	.000659	.000729	.000039
%RSD	69.46216	17.56056	35.33299

#1	-.000859	-.004961	-.000143
#2	-.001647	-.003935	-.000067
#3	-.000339	-.003552	-.000117

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1670.006	3089.996	36549.67	4656.717	4092.256
Stddev	16.274	3.857	61.58	24.287	14.985
%RSD	.9744709	.1248065	.1684882	.5215441	.3661820

#1	1653.299	3086.498	36485.57	4666.875	4094.293
#2	1670.909	3094.131	36555.07	4629.000	4106.118
#3	1685.809	3089.359	36608.37	4674.275	4076.356

Sample Name: K1703-01 Acquired: 03/04/2019 12:15:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC6TJ7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.017401	.0157774	F 61.21309	.0265059	1.594973	22.41792
Stddev	.007813	.0017410	.27328	.0026865	.013390	.07163
%RSD	.7679104	11.03468	.4464337	10.13556	.8395025	.3195433

#1	1.018157	.0177036	61.08050	.0248314	1.590324	22.45828
#2	1.009237	.0153128	61.03140	.0296046	1.584528	22.46028
#3	1.024807	.0143159	61.52736	.0250816	1.610068	22.33522

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.097096	.0043598	.0843703	92.74036	.0770534	.0300064
Stddev	.002505	.0000397	.0003967	.76480	.0009335	.0001452
%RSD	.2283647	.9104319	.4701766	.8246665	1.211455	.4839678

#1	1.094583	.0043575	.0842501	93.38633	.0763040	.0299650
#2	1.097113	.0044006	.0840476	92.93888	.0767572	.0298864
#3	1.099593	.0043213	.0848132	91.89588	.0780991	.0301678

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5934329	307.2713	.7115802	11.83858	.1085766	-.016911
Stddev	.0043597	3.0486	.0027967	.19821	.0008517	.000651
%RSD	.7346628	.9921414	.3930304	1.674242	.7844192	3.852244

#1	.5929001	309.8861	.7147694	12.01121	.1076602	-.016161
#2	.5980346	308.0050	.7095456	11.88241	.1087258	-.017241
#3	.5893641	303.9228	.7104256	11.62213	.1093439	-.017332

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.090661	.1181879	1.773362	14.04215	2.529599	.4318173
Stddev	.082183	.0028306	.038184	.08791	.010471	.0069123
%RSD	7.535147	2.395008	2.153188	.6260495	.4139308	1.600750

#1	1.043805	.1214132	1.804357	13.96183	2.524272	.4325711
#2	1.185556	.1161167	1.785022	14.13607	2.522863	.4383218
#3	1.042624	.1170338	1.730708	14.02857	2.541663	.4245590

Sample Name: K1703-01 Acquired: 03/04/2019 12:15:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC6TJ7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0163565	63.17625	2.021351	.1970955	2.955983	.0487876
Stddev	.0001800	.41258	.013625	.0024181	.013629	.0002901
%RSD	1.100465	.6530592	.6740432	1.226842	.4610573	.5946531
#1	.0161939	62.98372	2.019577	.1980257	2.958696	.0484694
#2	.0163256	62.89513	2.008701	.1943505	2.968051	.0490374
#3	.0165499	63.64990	2.035777	.1989103	2.941202	.0488559

Elem	Sr4077
Units	ppm
Avg	.5555119
Stddev	.0014876
%RSD	.2677823
#1	.5542424
#2	.5551446
#3	.5571487

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1748.729	3231.807	38713.78	4787.195	4031.814
Stddev	.573	9.940	81.43	33.797	10.114
%RSD	.0327947	.3075775	.2103289	.7059829	.2508502
#1	1749.132	3236.633	38677.58	4771.506	4040.431
#2	1748.073	3238.414	38656.73	4825.985	4034.332
#3	1748.983	3220.376	38807.03	4764.094	4020.679

Sample Name: K1703-02 Acquired: 03/04/2019 12:19:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC6TJ7D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.002832	.0176441	F 58.71867	.0240255	1.552179	22.05557
Stddev	.002170	.0018272	.28941	.0031606	.007445	.19484
%RSD	.2164357	10.35605	.4928730	13.15530	.4796513	.8834111

#1	1.001964	.0178003	58.57911	.0262230	1.548038	22.24423
#2	1.005302	.0157438	58.52550	.0254503	1.547726	22.06740
#3	1.001230	.0193882	59.05142	.0204033	1.560774	21.85509

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.077909	.0041457	.0824566	94.57901	.0756919	.0286622
Stddev	.004318	.0000252	.0001091	1.63020	.0008750	.0005917
%RSD	.4006282	.6068493	.1323483	1.723636	1.156053	2.064244

#1	1.081088	.0041214	.0823905	96.07188	.0765522	.0287682
#2	1.079647	.0041441	.0823967	94.82557	.0748028	.0280248
#3	1.072992	.0041716	.0825826	92.83957	.0757207	.0291938

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5947114	300.5554	.6874944	11.70141	.1059245	-.016177
Stddev	.0069911	4.6054	.0135620	.09418	.0010962	.000441
%RSD	1.175550	1.532296	1.972664	.8048769	1.034873	2.724032

#1	.6009594	304.9057	.7030258	11.80897	.1047024	-.016355
#2	.5871605	301.0290	.6779941	11.63373	.1062502	-.016501
#3	.5960144	295.7315	.6814633	11.66153	.1068210	-.015675

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9119796	.1132187	1.723172	13.84546	2.511008	.4189964
Stddev	.2796399	.0117265	.030568	.06230	.017999	.0132830
%RSD	30.66295	10.35740	1.773932	.4499791	.7168101	3.170200

#1	.6034542	.1146330	1.713628	13.91736	2.495769	.4287940
#2	.9837348	.1241739	1.757373	13.80759	2.506388	.4243174
#3	1.148750	.1008491	1.698515	13.81142	2.530867	.4038778

Sample Name: K1703-02 Acquired: 03/04/2019 12:19:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC6TJ7D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0152437	62.13205	1.981119	.1912664	2.925831	.0479796
Stddev	.0001213	.28852	.019991	.0018580	.018458	.0018692
%RSD	.7958855	.4643611	1.009052	.9714274	.6308736	3.895861
#1	.0151637	61.94964	2.004105	.1929815	2.944377	.0489577
#2	.0151840	61.98182	1.967791	.1892926	2.925655	.0491567
#3	.0153833	62.46468	1.971461	.1915252	2.907462	.0458242

Elem	Sr4077
Units	ppm
Avg	.5513810
Stddev	.0008761
%RSD	.1588900
#1	.5523047
#2	.5505619
#3	.5512764

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1762.348	3254.678	38811.94	4859.905	4078.515
Stddev	10.763	7.519	125.76	10.727	15.462
%RSD	.6106978	.2310246	.3240202	.2207206	.3791151
#1	1762.479	3258.185	38921.15	4868.333	4078.017
#2	1751.520	3259.803	38674.45	4847.830	4094.220
#3	1773.044	3246.046	38840.21	4863.552	4063.308

Sample Name: K1703-06 Acquired: 03/04/2019 12:47:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC6TK0 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059789	.0014782	-.001341	-.000989	-.000913	.0125044	-.000234
Stddev	.0018197	.0004500	.001199	.001936	.000493	.0064124	.001798
%RSD	30.43480	30.44138	89.37242	195.7247	54.00287	51.28138	767.4164

#1	.0052045	.0013939	-.000013	-.001071	-.001174	.0070385	-.000305
#2	.0080577	.0010764	-.002342	.000986	-.000345	.0109116	.001599
#3	.0046746	.0019644	-.001669	-.002883	-.001222	.0195631	-.001996

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000350	-.000013	.0007546	-.000659	.0000270	-.003461	-.019789
Stddev	.0000190	.000048	.0148167	.000413	.0000589	.000556	.036650
%RSD	54.32429	380.7624	1963.630	62.69722	218.1209	16.06427	185.2006

#1	.0000262	.000029	-.006325	-.000663	-.000035	-.002896	-.059949
#2	.0000567	-.000065	-.009194	-.001071	.000082	-.004007	-.011265
#3	.0000219	-.000002	.017783	-.000244	.000034	-.003479	.011848

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002371	-.058321	.0004219	.0009578	-.495145	-.004026	-.005049
Stddev	.001149	.094473	.0003425	.0002515	.328481	.006165	.009765
%RSD	48.46985	161.9890	81.16443	26.25949	66.34042	153.1387	193.3880

#1	-.001878	.024416	.0007758	.0009725	-.871239	-.011104	-.015862
#2	-.001550	-.161262	.0000922	.0012017	-.264500	.000167	.003127
#3	-.003684	-.038117	.0003978	.0006993	-.349695	-.001140	-.002413

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.31995	-.008239	-.009863	-.000496	-.005171	-.062504	-.003982
Stddev	.06024	.001374	.000555	.000101	.001564	.000869	.001077
%RSD	2.596820	16.67215	5.624981	20.33145	30.25681	1.389502	27.03767

#1	-2.25873	-.009757	-.010483	-.000403	-.006582	-.063365	-.004571
#2	-2.37917	-.007877	-.009692	-.000603	-.005441	-.062520	-.004636
#3	-2.32196	-.007082	-.009414	-.000481	-.003489	-.061628	-.002740

Sample Name: K1703-06 Acquired: 03/04/2019 12:47:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC6TK0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005175	-.013727	.0000199
Stddev	.0022411	.001238	.0000566
%RSD	433.0346	9.020204	284.8037

#1	-.001754	-.014307	.0000850
#2	.002727	-.012305	-.000018
#3	.000580	-.014568	-.000008

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1752.570	3238.837	37823.59	4710.825	4233.105
Stddev	8.600	7.708	55.90	23.102	3.731
%RSD	.4907115	.2379871	.1477819	.4904022	.0881494

#1	1748.441	3233.148	37860.98	4704.775	4229.887
#2	1762.456	3247.610	37850.47	4736.350	4237.196
#3	1746.813	3235.753	37759.33	4691.350	4232.233

Sample Name: K1703-01DLX2 Acquired: 03/04/2019 12:52:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC6TJ7 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5300119	.0060236	30.32089	.0156399	.8352216	11.24146	.5571548
Stddev	.0081701	.0032890	.08369	.0018565	.0040061	.02531	.0018695
%RSD	1.541497	54.60164	.2760257	11.87040	.4796479	.2251865	.3355371

#1	.5381605	.0038008	30.25409	.0153138	.8366765	11.26474	.5584191
#2	.5218204	.0098018	30.29381	.0139680	.8306913	11.24513	.5550073
#3	.5300548	.0044682	30.41477	.0176379	.8382969	11.21451	.5580379

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021902	.0430551	47.35566	.0400905	.0147752	.2981122	155.0110
Stddev	.0000274	.0002729	.30836	.0002818	.0001572	.0048771	1.1874
%RSD	1.249263	.6337552	.6511605	.7028182	1.064070	1.636009	.7659789

#1	.0021601	.0430045	47.22377	.0400359	.0146305	.3028144	154.2821
#2	.0022135	.0428111	47.70803	.0398400	.0149425	.2984449	156.3811
#3	.0021970	.0433498	47.13518	.0403955	.0147527	.2930772	154.3698

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3506581	5.911199	.0548205	-.007719	.2917675	.0556024	.9002602
Stddev	.0012974	.061426	.0006102	.000264	.1577622	.0068898	.0176555
%RSD	.3699886	1.039150	1.113103	3.420073	54.07119	12.39109	1.961157

#1	.3507182	5.981163	.0547497	-.007911	.4377471	.0576176	.8915056
#2	.3519244	5.886314	.0554630	-.007418	.1244042	.0612598	.8886927
#3	.3493317	5.866120	.0542488	-.007830	.3131513	.0479298	.9205822

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.781815	1.335042	.2079455	.0084480	32.88745	.9783097	.0991582
Stddev	.036621	.004579	.0018040	.0001266	.07865	.0068761	.0009842
%RSD	.5399844	.3429927	.8675559	1.497934	.2391630	.7028581	.9925101

#1	6.805979	1.334893	.2064025	.0085894	32.83408	.9834559	.0988052
#2	6.739680	1.330539	.2099290	.0083453	32.85049	.9705003	.1002701
#3	6.799785	1.339693	.2075049	.0084094	32.97778	.9809728	.0983992

Sample Name: K1703-01DLX2 Acquired: 03/04/2019 12:52:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v811) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC6TJ7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.483212	.0207250	.2855945
Stddev	.004657	.0009200	.0010204
%RSD	.3139559	4.439161	.3572831

#1	1.482415	.0214495	.2864729
#2	1.488215	.0210356	.2844753
#3	1.479005	.0196899	.2858354

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1703.519	3150.446	37481.06	4783.517	4027.773
Stddev	2.494	4.337	15.84	17.937	4.923
%RSD	.1464037	.1376722	.0422729	.3749829	.1222381

#1	1700.726	3147.192	37470.30	4773.411	4024.825
#2	1704.310	3155.370	37499.25	4772.913	4033.457
#3	1705.522	3148.776	37473.62	4804.227	4025.038