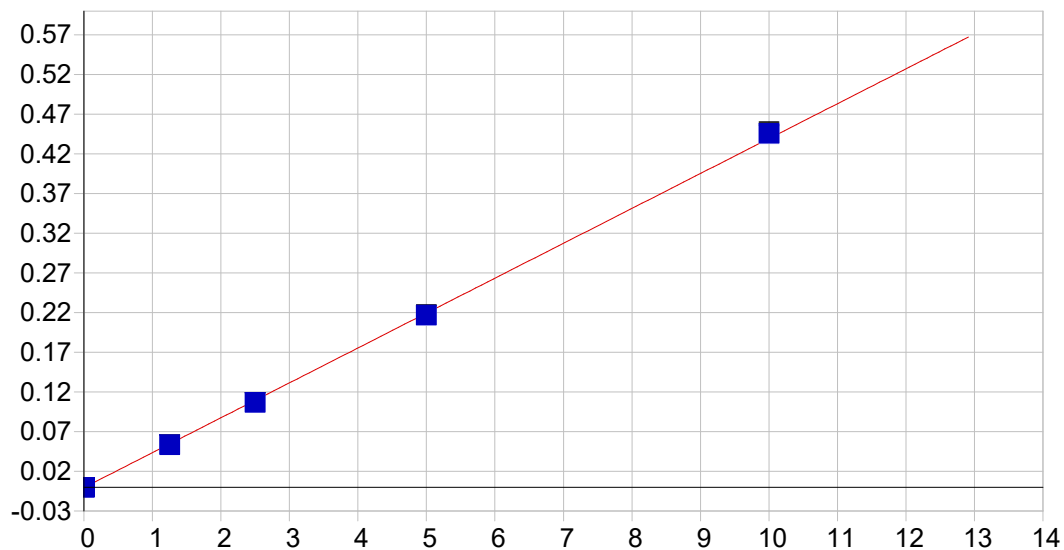


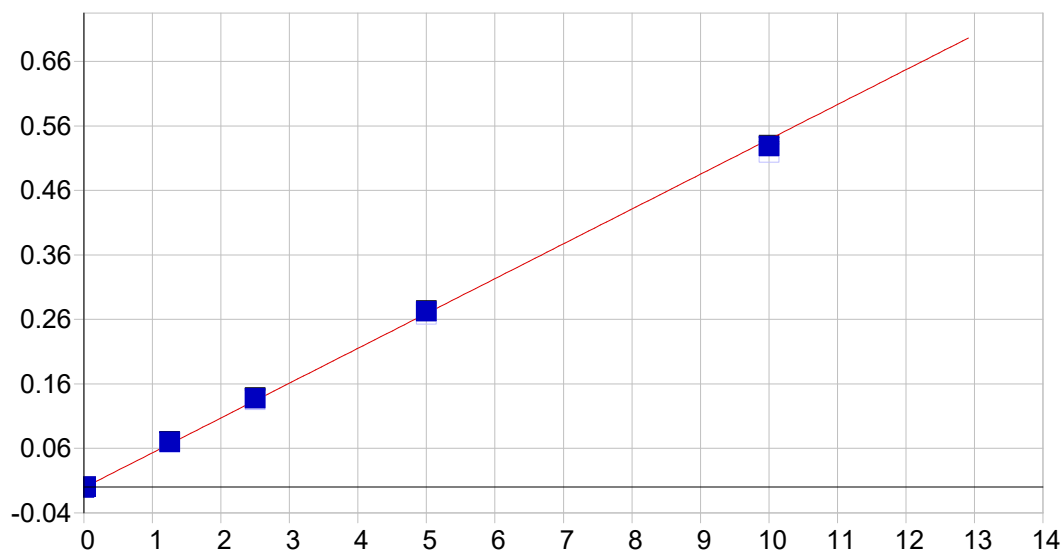


As 189.042 {479}

Date of Fit: 01/08/2020 15:17:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000475	Re-Slope:	1.000000
A1 (Gain):	0.043981	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999850	Status:	OK.
Std Error of Est:	0.000013		
Predicted MDL:	0.003788		
Predicted MQL:	0.012628		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00048	.000	1
S1	.01000	.01111	.001	11.1	.00001	.000	1
S2	1.2500	1.2231	-.027	-2.16	.05319	.000	1
S3	2.5000	2.4345	-.066	-2.62	.10633	.000	1
S4	5.0000	4.9370	-.063	-1.26	.21614	.001	1
S5	10.000	10.154	.154	1.54	.44508	.002	1

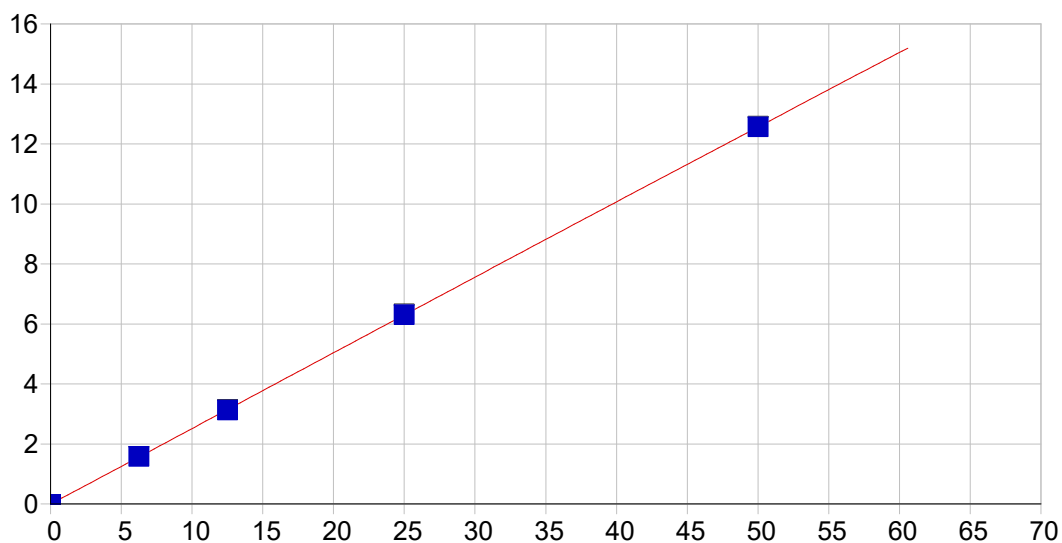


TI 190.856 {477}

Date of Fit: 01/08/2020 15:17:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000798 Re-Slope: 1.000000
 A1 (Gain): 0.053993 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999730 Status: OK.
 Std Error of Est: 0.000033
 Predicted MDL: 0.003024
 Predicted MQL: 0.010080

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00080	.000	1
S1	.02500	.02699	.002	7.95	.00060	.000	1
S2	1.2500	1.3116	.062	4.93	.06878	.000	1
S3	2.5000	2.5670	.067	2.68	.13531	.001	1
S4	5.0000	5.0667	.067	1.33	.26779	.001	1
S5	10.000	9.8026	-.197	-1.97	.51852	.002	1

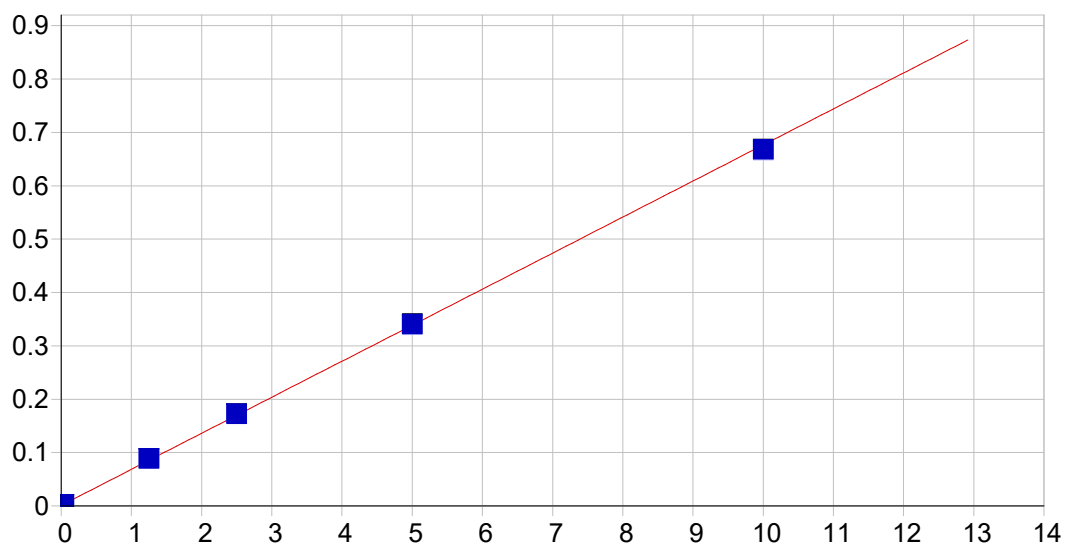


Pb 220.353 {453}

Date of Fit: 01/08/2020 15:17:32 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000967 Re-Slope: 1.000000
 A1 (Gain): 0.246234 Y-int: 0.000000
 A2 (Curvature): -0.000088
 n (Exponent): 1.010000
 Correlation: 0.999996 Status: OK.
 Std Error of Est: 0.000038
 Predicted MDL: 0.001727
 Predicted MQL: 0.005755

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00097	.000	1
S1	.01000	.00877	-.001	-12.3	.00303	.000	1
S2	6.2500	6.2922	.042	.675	1.5758	.006	1
S3	12.500	12.437	-.063	-.503	3.1279	.004	1
S4	25.000	25.023	.023	.093	6.3065	.016	1
S5	50.000	49.999	-.001	-.002	12.568	.018	1

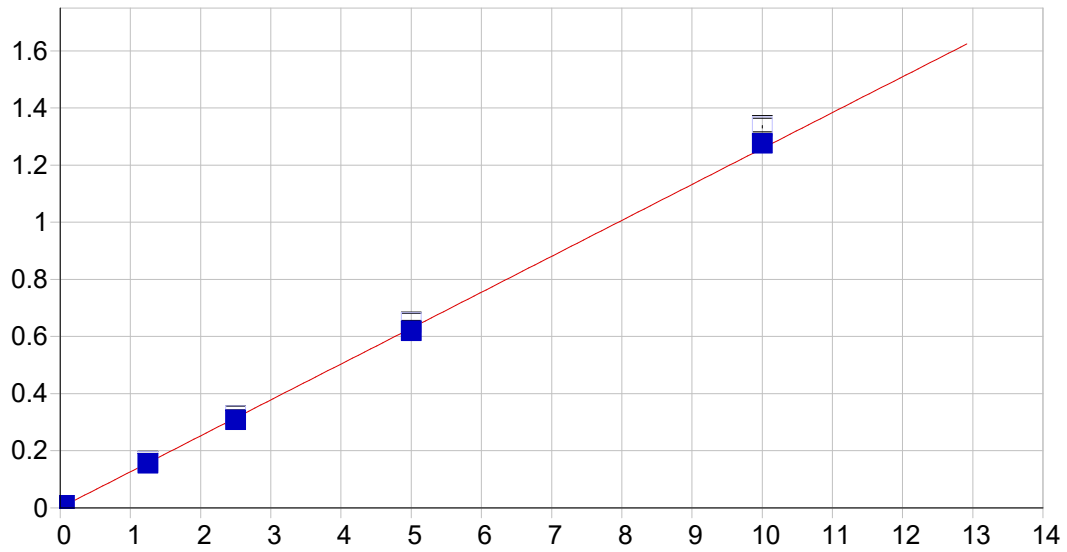


Se 196.090 {472}

Date of Fit: 01/08/2020 15:17:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000985	Re-Slope:	1.000000
A1 (Gain):	0.067539	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999882	Status:	OK.
Std Error of Est:	0.000032		
Predicted MDL:	0.003161		
Predicted MQL:	0.010536		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00098	.000	1
S1	.03500	.03804	.003	8.69	.00355	.000	1
S2	1.2500	1.2977	.048	3.82	.08841	.000	1
S3	2.5000	2.5430	.043	1.72	.17229	.001	1
S4	5.0000	5.0261	.026	.523	.33956	.001	1
S5	10.000	9.8802	-.120	-1.20	.66650	.001	1

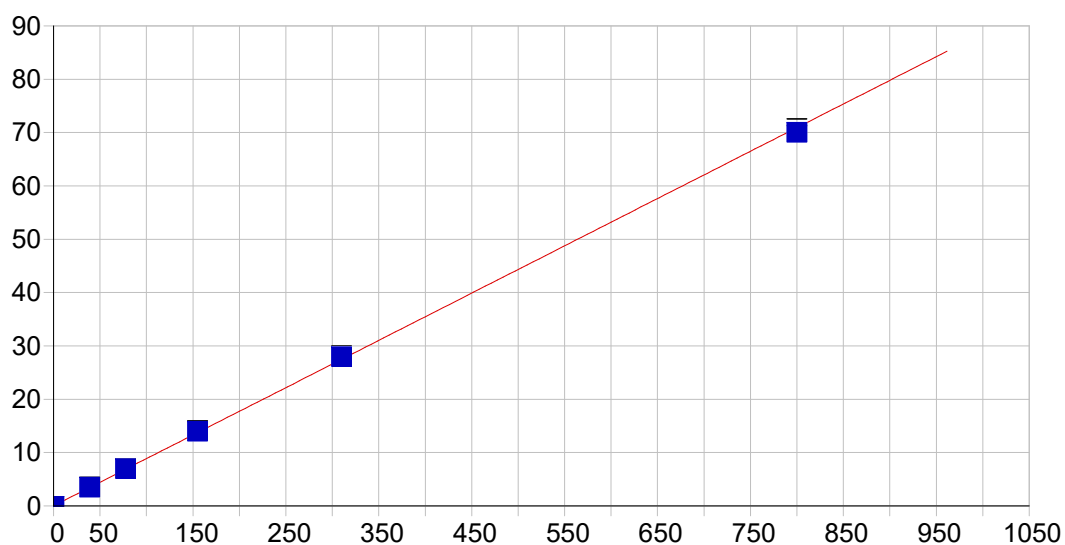


Sb 206.833 {463}

Date of Fit: 01/08/2020 15:17:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000745 Re-Slope: 1.000000
 A1 (Gain): 0.125732 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999869 Status: OK.
 Std Error of Est: 0.000087
 Predicted MDL: 0.001961
 Predicted MQL: 0.006535

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00074	.000	1
S1	.06000	.06500	.005	8.33	.00892	.000	1
S2	1.2500	1.2320	-.018	-1.44	.16288	.000	1
S3	2.5000	2.4413	-.059	-2.35	.32217	.001	1
S4	5.0000	4.9241	-.076	-1.52	.64881	.002	1
S5	10.000	10.148	.148	1.48	1.3345	.005	1

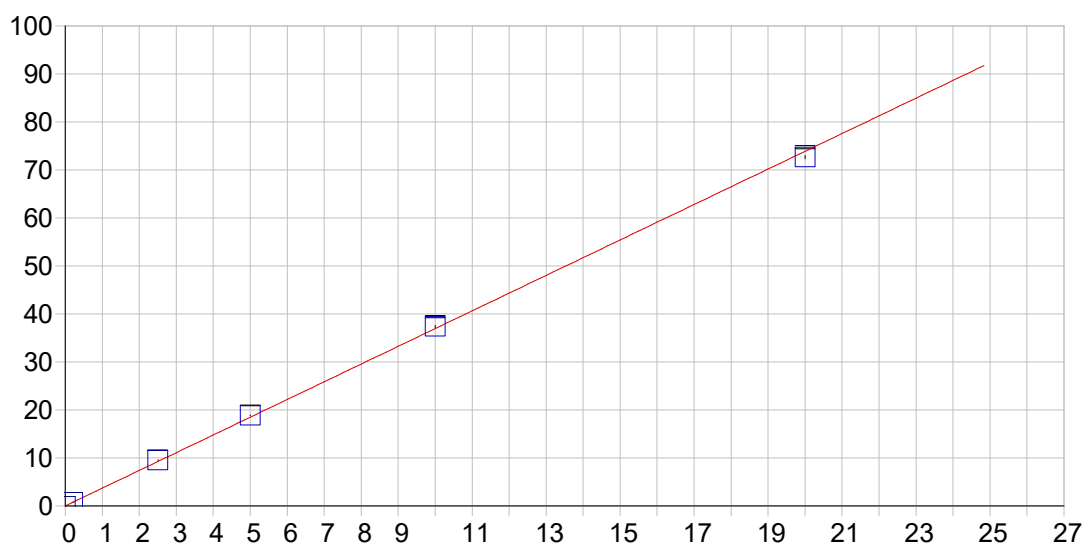


AI 396.152 { 85}

Date of Fit: 01/08/2020 15:17:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005768 Re-Slope: 1.000000
 A1 (Gain): 0.088650 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999892 Status: OK.
 Std Error of Est: 0.000813
 Predicted MDL: 0.010287
 Predicted MQL: 0.034290

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00577	.001	1
S1	.20000	.20762	.008	3.81	.02448	.000	1
S2	38.750	39.513	.763	1.97	3.5155	.023	1
S3	77.500	78.548	1.05	1.35	6.9827	.045	1
S4	155.00	157.55	2.55	1.65	14.000	.118	1
S5	310.00	315.65	5.65	1.82	28.043	.088	1
S6	800.00	789.97	-10.0	-1.25	70.081	.641	1

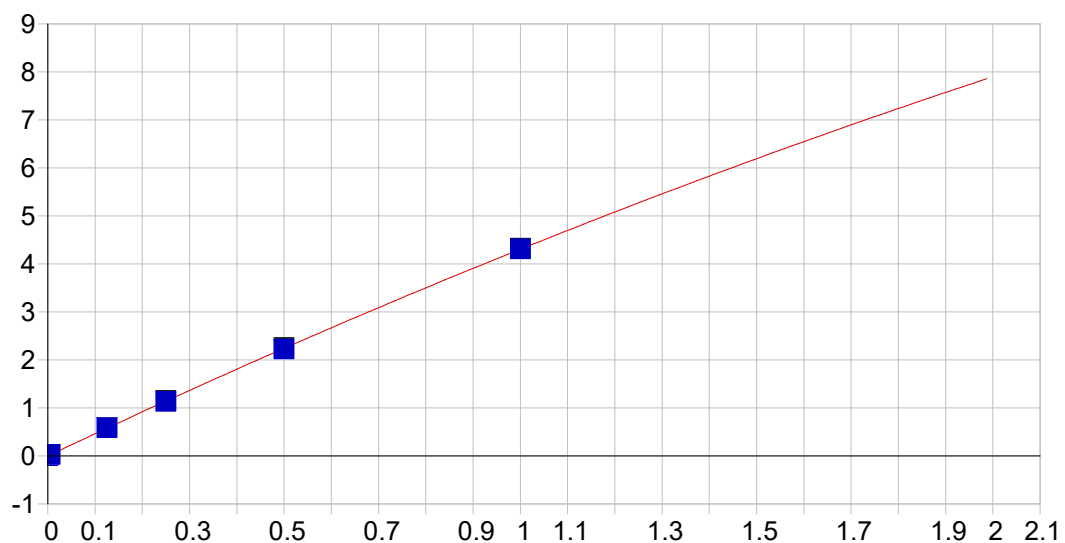


Ba 493.409 { 68}

Date of Fit: 01/08/2020 15:17:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.008367	Re-Slope:	1.000000
A1 (Gain):	3.693346	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999825	Status:	OK.
Std Error of Est:	0.007346		
Predicted MDL:	0.000575		
Predicted MQL:	0.001915		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00827	.001	1
S1	.20000	.21535	.015	7.68	.80373	.002	1
S2	2.5000	2.5821	.082	3.29	9.5451	.021	1
S3	5.0000	5.1126	.113	2.25	18.891	.074	1
S4	10.000	10.118	.118	1.18	37.378	.235	1
S5	20.000	19.672	-.328	-1.64	72.663	.346	1

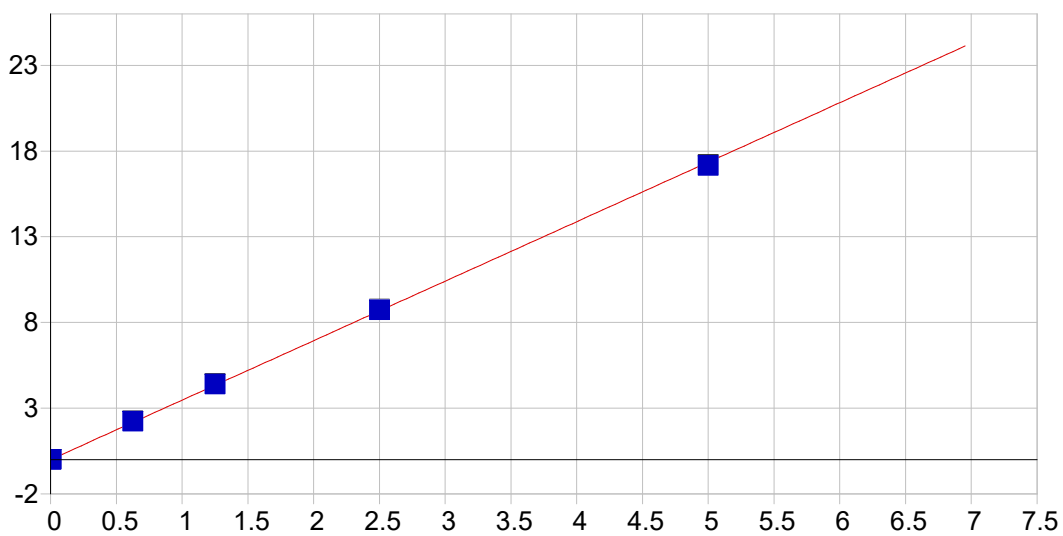


Be 234.861 {144}

Date of Fit: 01/08/2020 15:17:32 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	-0.001189	Re-Slope:	1.000000
A1 (Gain):	4.662883	Y-int:	0.000000
A2 (Curvature):	-0.356137		
n (Exponent):	1.000000		
Correlation:	0.999964	Status:	OK.
Std Error of Est:	0.000161		
Predicted MDL:	0.000076		
Predicted MQL:	0.000253		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00119	.000	1
S1	.00500	.00533	.000	6.67	.02366	.001	1
S2	.12500	.12782	.003	2.25	.58705	.003	1
S3	.25000	.24874	-.001	-.503	1.1328	.011	1
S4	.50000	.49601	-.004	-.797	2.2163	.030	1
S5	1.0000	1.0021	.002	.212	4.2985	.011	1

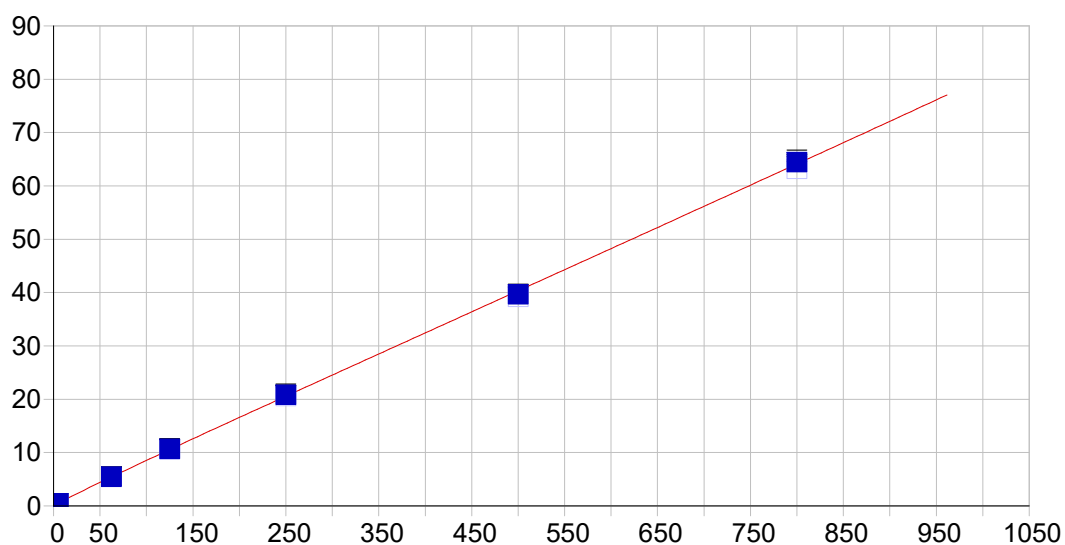


Cd 214.438 {457}

Date of Fit: 01/08/2020 15:17:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000520	Re-Slope:	1.000000
A1 (Gain):	3.469983	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999906	Status:	OK.
Std Error of Est:	0.000399		
Predicted MDL:	0.000087		
Predicted MQL:	0.000292		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00052	.000	1
S1	.00500	.00549	.000	9.73	.01853	.000	1
S2	.01250	.014428	.0019	3.09	.022385	.005	1
S3	.02500	.02692	.0019	1.54	.044103	.005	1
S4	.05000	.05192	.0019	.769	.087545	.022	1
S5	.10000	.09418	-.0058	-1.16	.17174	.028	1

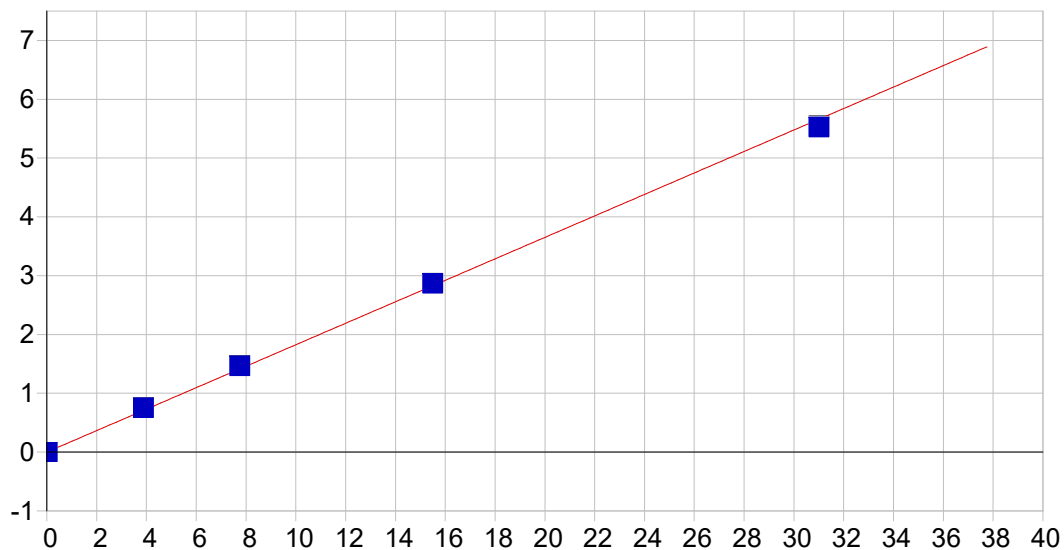


Ca 373.690 { 90}

Date of Fit: 01/08/2020 15:17:32 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000808 Re-Slope: 1.000000
 A1 (Gain): 0.106712 Y-int: 0.000000
 A2 (Curvature): 0.000009
 n (Exponent): 0.950000
 Correlation: 0.999926 Status: Warning Positive Curvature
 Std Error of Est: 0.004389
 Predicted MDL: 0.008386
 Predicted MQL: 0.027954

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00018	.000	.000	.00084	.000	1
S1	5.0000	4.6241	-.376	-7.52	.45790	.002	1
S2	62.500	62.852	.352	.563	5.4178	.014	1
S3	125.00	126.10	1.10	.880	10.537	.062	1
S4	250.00	253.31	3.31	1.32	20.597	.146	1
S5	500.00	491.44	-8.56	-1.71	39.184	.089	1
S6	800.00	804.15	4.15	.519	63.181	.404	1

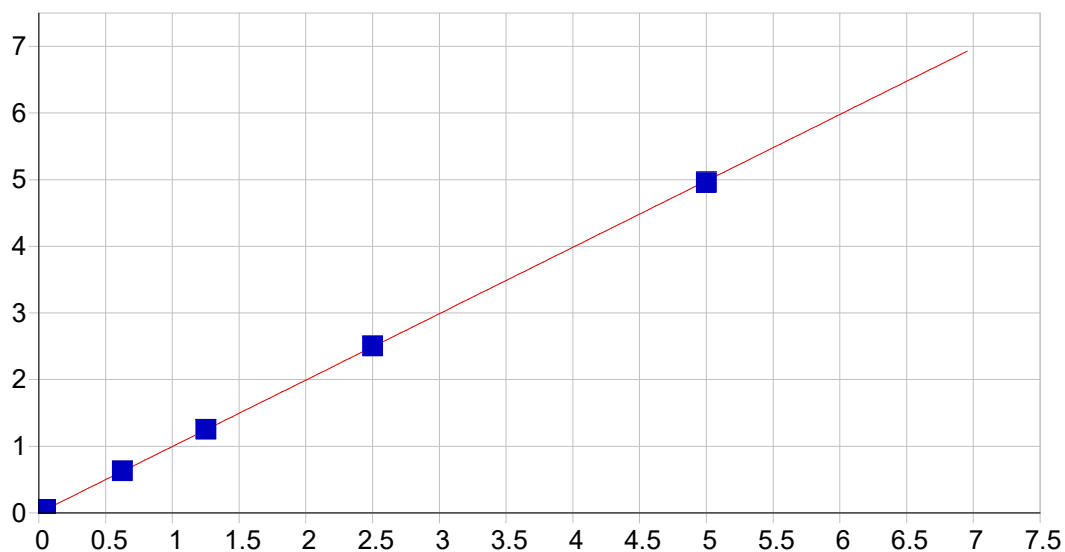


Cr 267.716 {126}

Date of Fit: 01/08/2020 15:17:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000045	Re-Slope:	1.000000
A1 (Gain):	0.182548	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999612	Status:	OK.
Std Error of Est:	0.000150		
Predicted MDL:	0.000570		
Predicted MQL:	0.001899		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00004	.000	1
S1	.01000	.01136	.001	13.6	.00212	.000	1
S2	3.8750	4.1185	.243	6.28	.75275	.001	1
S3	7.7500	8.0289	.279	3.60	1.4675	.001	1
S4	15.500	15.704	.204	1.32	2.8703	.001	1
S5	31.000	30.272	-.728	-2.35	5.5332	.014	1

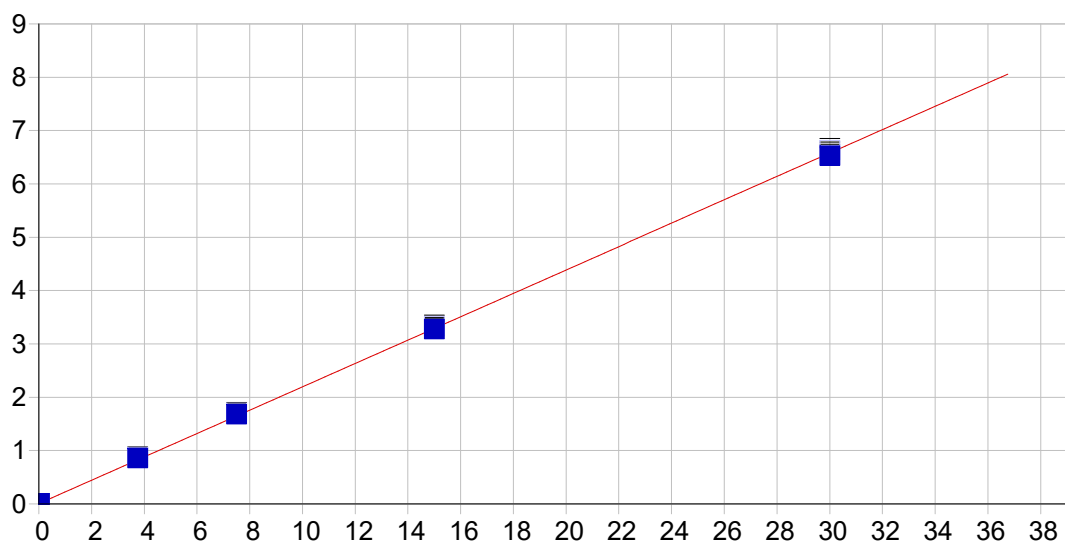


Co 228.616 {448}

Date of Fit: 01/08/2020 15:17:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000175	Re-Slope:	1.000000
A1 (Gain):	0.996323	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999981	Status:	OK.
Std Error of Est:	0.000163		
Predicted MDL:	0.000285		
Predicted MQL:	0.000951		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00017	.000	1
S1	.05000	.05194	.002	3.89	.05210	.000	1
S2	.62500	.63303	.008	1.29	.63187	.001	1
S3	1.2500	1.2553	.005	.426	1.2529	.002	1
S4	2.5000	2.5094	.009	.375	2.5043	.005	1
S5	5.0000	4.9753	-.025	-.494	4.9651	.010	1

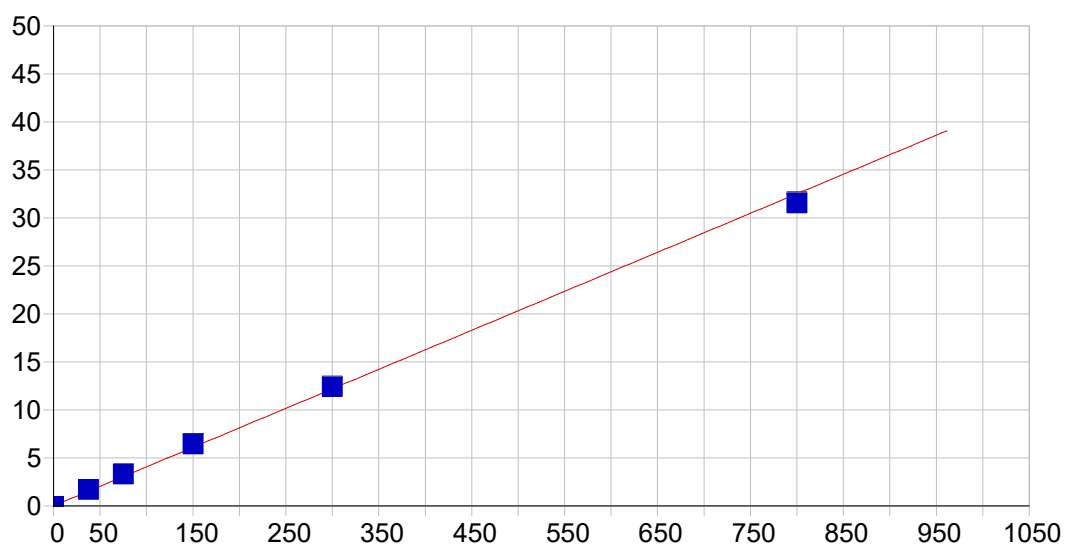


Cu 324.754 {104}

Date of Fit: 01/08/2020 15:17:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004318 Re-Slope: 1.000000
 A1 (Gain): 0.219129 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999901 Status: OK.
 Std Error of Est: 0.000144
 Predicted MDL: 0.002546
 Predicted MQL: 0.008488

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00432	.001	1
S1	.02500	.02485	-.000	-.583	.01086	.000	1
S2	3.7500	3.9074	.157	4.20	.87372	.007	1
S3	7.5000	7.6448	.145	1.93	1.7059	.013	1
S4	15.000	14.932	-.068	-.455	3.3290	.027	1
S5	30.000	29.766	-.234	-.779	6.6324	.032	1

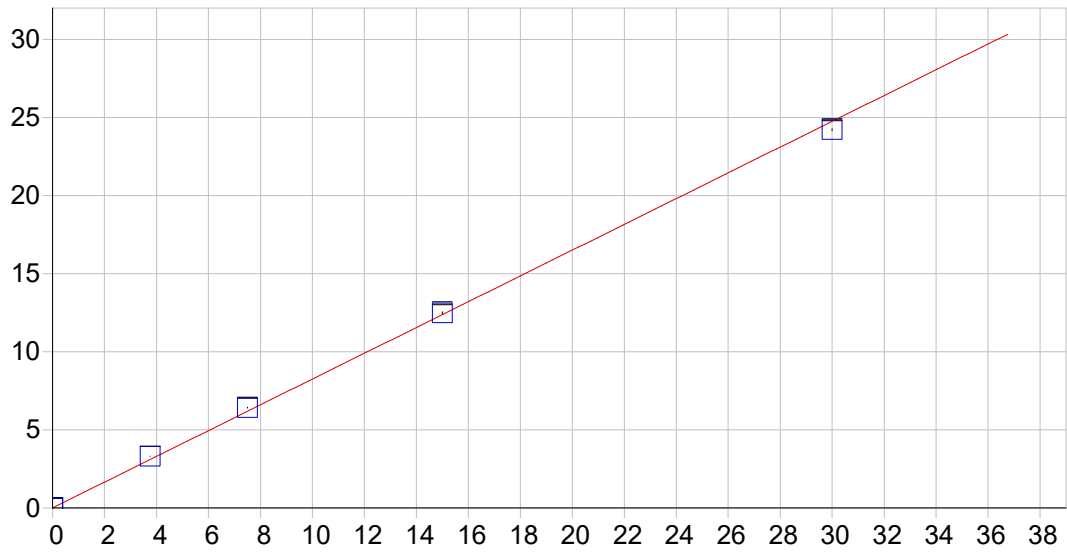


Fe 259.837 {130}

Date of Fit: 01/08/2020 15:17:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000538	Re-Slope:	1.000000
A1 (Gain):	0.040642	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999145	Status:	OK.
Std Error of Est:	0.000735		
Predicted MDL:	0.007616		
Predicted MQL:	0.025388		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00054	.000	1
S1	.10000	.09627	-.004	-3.73	.00462	.000	1
S2	37.500	41.810	4.31	11.5	1.7030	.005	1
S3	75.000	81.550	6.55	8.73	3.3212	.023	1
S4	150.00	158.17	8.17	5.45	6.4417	.052	1
S5	300.00	305.22	5.22	1.74	12.431	.047	1
S6	800.00	775.73	-24.3	-3.03	31.569	.106	1

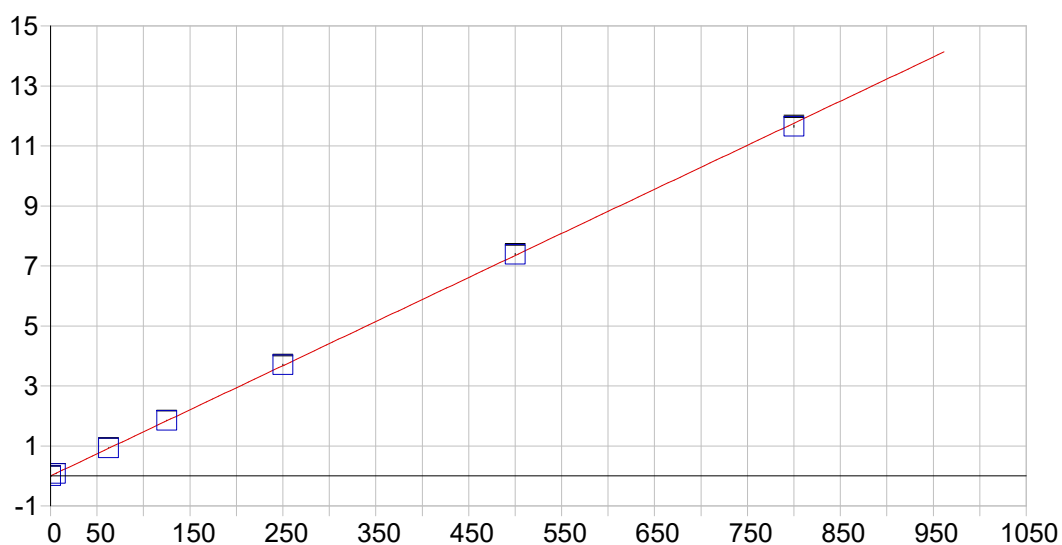


Mn 257.610 {131}

Date of Fit: 01/08/2020 15:17:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000408 Re-Slope: 1.000000
 A1 (Gain): 0.824974 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999619 Status: OK.
 Std Error of Est: 0.000811
 Predicted MDL: 0.000380
 Predicted MQL: 0.001268

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00040	.000	1
S1	.01500	.01742	.002	16.2	.01478	.000	1
S2	3.7500	4.0030	.253	6.75	3.3028	.008	1
S3	7.5000	7.7825	.283	3.77	6.4208	.038	1
S4	15.000	15.111	.111	.739	12.466	.100	1
S5	30.000	29.351	-.649	-2.16	24.214	.071	1

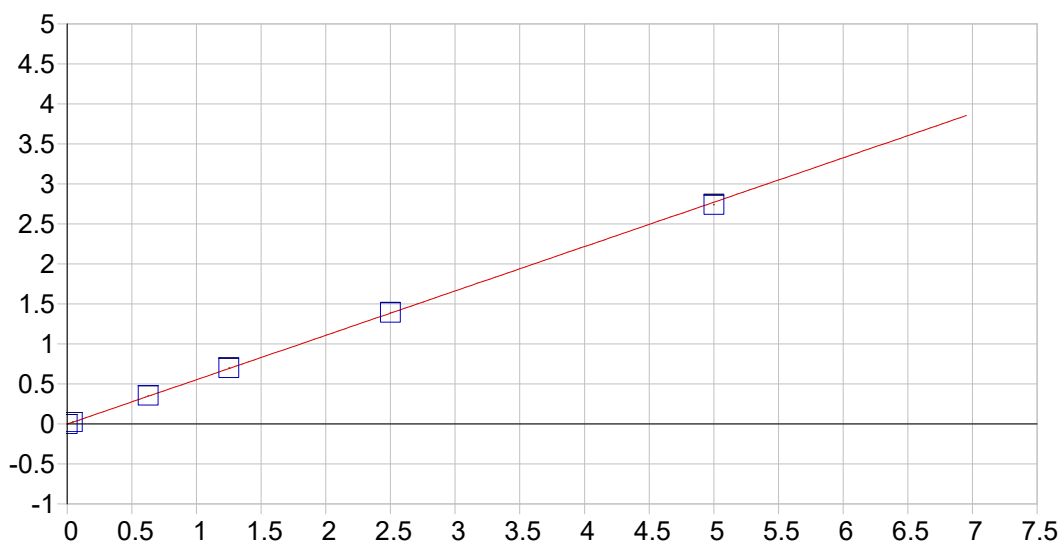


Mg 279.079 {121}

Date of Fit: 01/08/2020 15:17:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000340 Re-Slope: 1.000000
 A1 (Gain): 0.014697 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958 Status: OK.
 Std Error of Est: 0.000469
 Predicted MDL: 0.025499
 Predicted MQL: 0.084998

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00052	-.001	.000	-.00035	.000	1
S1	5.0000	5.3701	.370	7.40	.07858	.000	1
S2	62.500	63.632	1.13	1.81	.93485	.005	1
S3	125.00	126.02	1.02	.815	1.8517	.011	1
S4	250.00	251.87	1.87	.748	3.7014	.026	1
S5	500.00	502.64	2.64	.528	7.3869	.029	1
S6	800.00	792.97	-7.03	-.879	11.654	.036	1

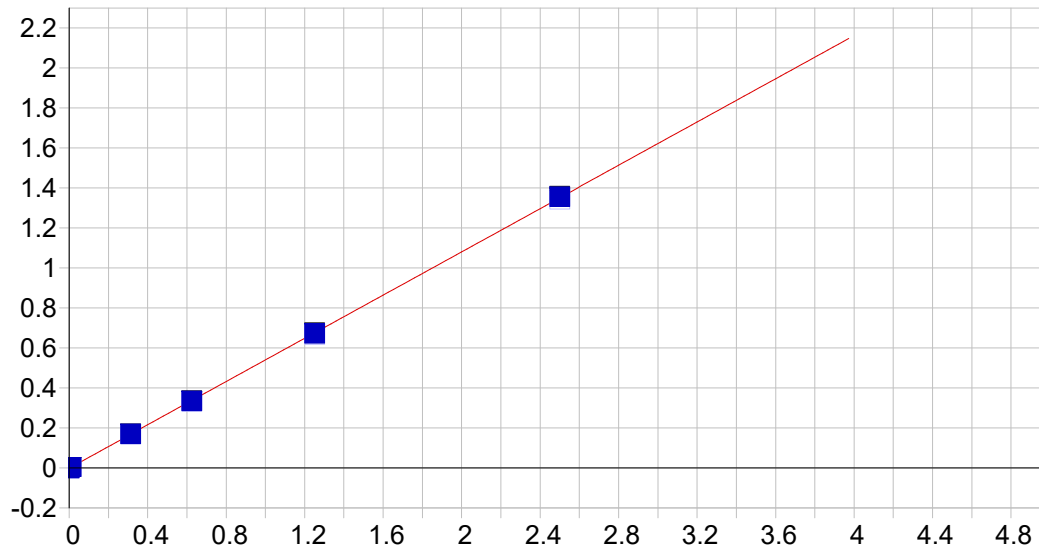


Ni 231.604 {446}

Date of Fit: 01/08/2020 15:17:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001847	Re-Slope:	1.000000
A1 (Gain):	0.554585	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999905	Status:	OK.
Std Error of Est:	0.000181		
Predicted MDL:	0.000518		
Predicted MQL:	0.001728		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00185	.000	1
S1	.04000	.04402	.004	10.0	.02257	.000	1
S2	.62500	.64299	.018	2.88	.35474	.001	1
S3	1.2500	1.2658	.016	1.26	.70014	.001	1
S4	2.5000	2.5154	.015	.617	1.3932	.002	1
S5	5.0000	4.9468	-.053	-1.06	2.7416	.005	1

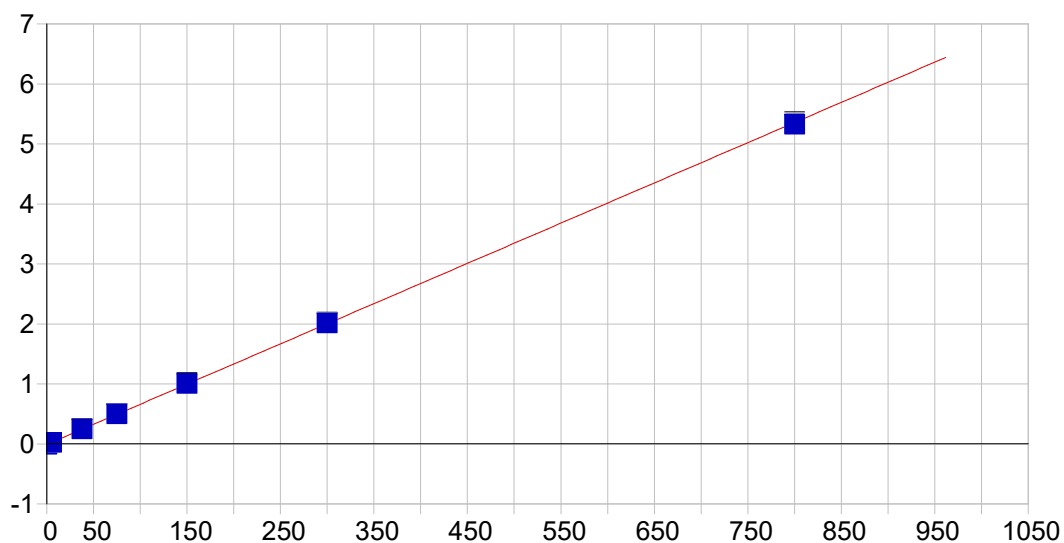


Ag 328.068 {103}

Date of Fit: 01/08/2020 15:17:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000960 Re-Slope: 1.000000
A1 (Gain): 0.540876 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999984 Status: OK.
Std Error of Est: 0.000026
Predicted MDL: 0.000403
Predicted MQL: 0.001343

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00096	.000	1
S1	.01000	.01082	.001	8.19	.00485	.000	1
S2	.31250	.31413	.002	.522	.16750	.000	1
S3	.62500	.62065	-.004	-.697	.33184	.000	1
S4	1.2500	1.2447	-.005	-.425	.66647	.003	1
S5	2.5000	2.5072	.007	.288	1.3436	.004	1

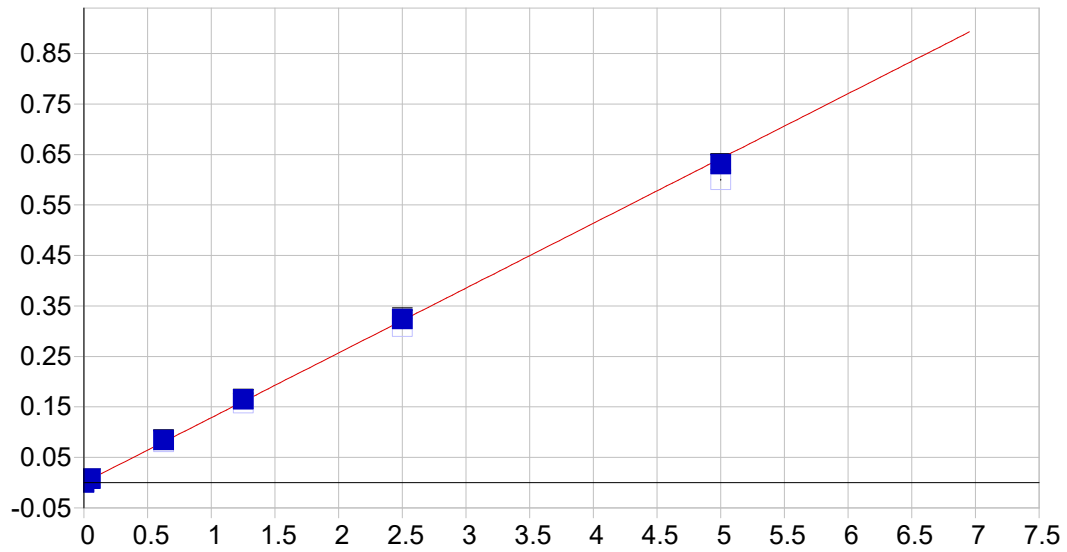


Na 818.326 { 41}

Date of Fit: 01/08/2020 15:17:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.010067	Re-Slope:	1.000000
A1 (Gain):	0.006708	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999971	Status:	OK.
Std Error of Est:	0.000159		
Predicted MDL:	0.270177		
Predicted MQL:	0.900591		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00029	-.000	.000	-.01007	.001	1
S1	5.0000	5.0722	.072	1.44	.02396	.001	1
S2	37.500	38.261	.761	2.03	.24770	.001	1
S3	75.000	76.149	1.15	1.53	.50296	.003	1
S4	150.00	151.42	1.42	.943	1.0101	.011	1
S5	300.00	301.29	1.29	.431	2.0199	.008	1
S6	800.00	795.31	-4.69	-.586	5.3486	.017	1

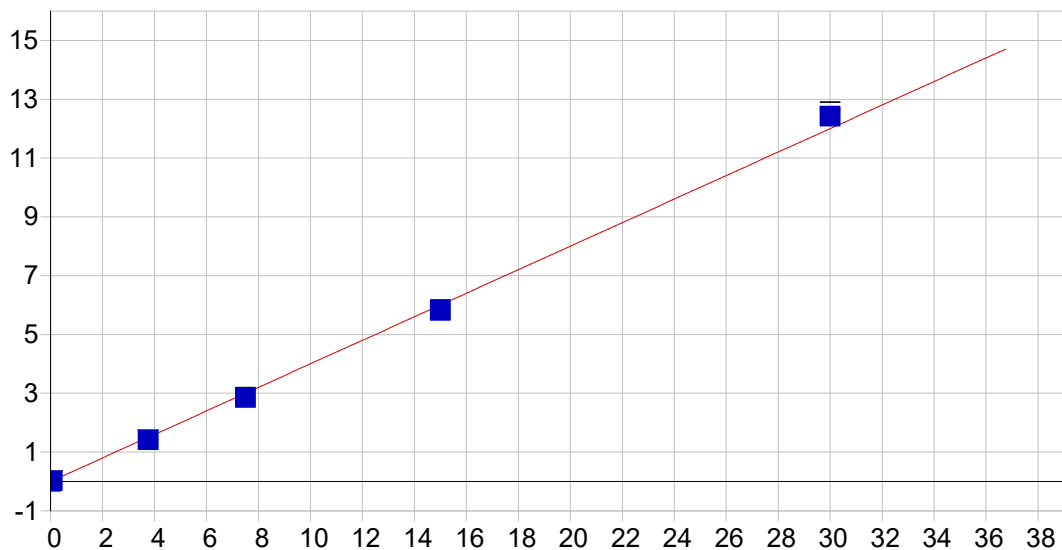


V 292.402 {115}

Date of Fit: 01/08/2020 15:17:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000264	Re-Slope:	1.000000
A1 (Gain):	0.128366	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999721	Status:	OK.
Std Error of Est:	0.000077		
Predicted MDL:	0.002980		
Predicted MQL:	0.009935		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00026	.000	1
S1	.05000	.05659	.007	13.2	.00752	.000	1
S2	.62500	.65379	.029	4.61	.08034	.001	1
S3	1.2500	1.2814	.031	2.51	.15706	.001	1
S4	2.5000	2.5221	.022	.884	.30863	.002	1
S5	5.0000	4.9108	-.089	-1.78	.59987	.001	1

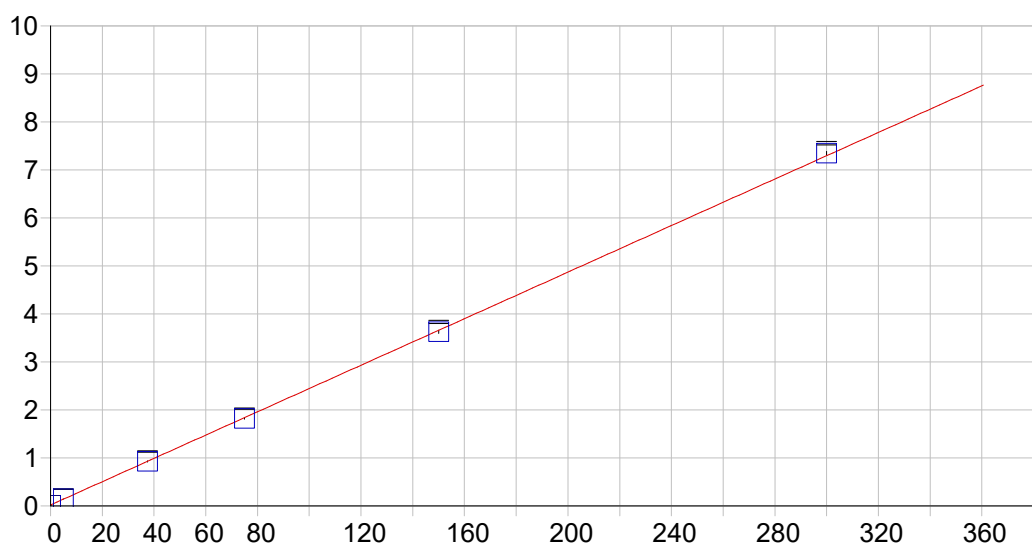


Zn 213.856 {158}

Date of Fit: 01/08/2020 15:17:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000297 Re-Slope: 1.000000
 A1 (Gain): 0.400129 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999267 Status: OK.
 Std Error of Est: 0.001092
 Predicted MDL: 0.002241
 Predicted MQL: 0.007471

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00030	.000	1
S1	.06000	.06872	.009	14.5	.02786	.001	1
S2	3.7500	3.5471	-.203	-5.41	1.4221	.002	1
S3	7.5000	7.1247	-.375	-5.00	2.8560	.009	1
S4	15.000	14.521	-.479	-3.19	5.8205	.022	1
S5	30.000	31.048	1.05	3.49	12.443	.133	1

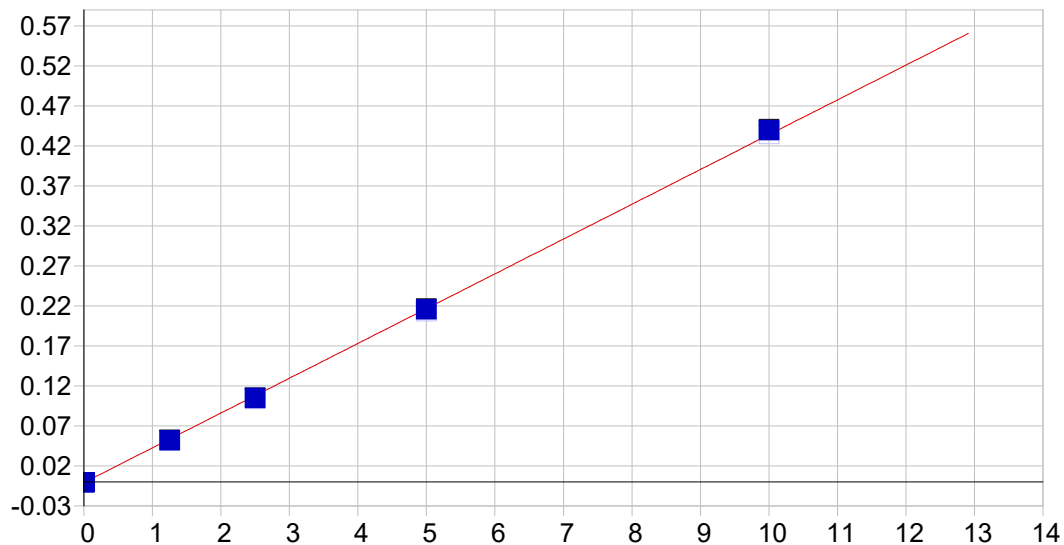


K 769.896 { 44}

Date of Fit: 01/08/2020 15:17:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.020397	Re-Slope:	1.000000
A1 (Gain):	0.024251	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999964	Status:	OK.
Std Error of Est:	0.000423		
Predicted MDL:	0.072179		
Predicted MQL:	0.240598		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00007	-.000	.000	.02040	.000	1
S1	5.0000	5.1496	.150	2.99	.14528	.003	1
S2	37.500	37.324	-.176	-.469	.92553	.012	1
S3	75.000	74.246	-.754	-1.01	1.8209	.015	1
S4	150.00	148.64	-1.36	-.908	3.6249	.032	1
S5	300.00	302.14	2.14	.714	7.3475	.037	1

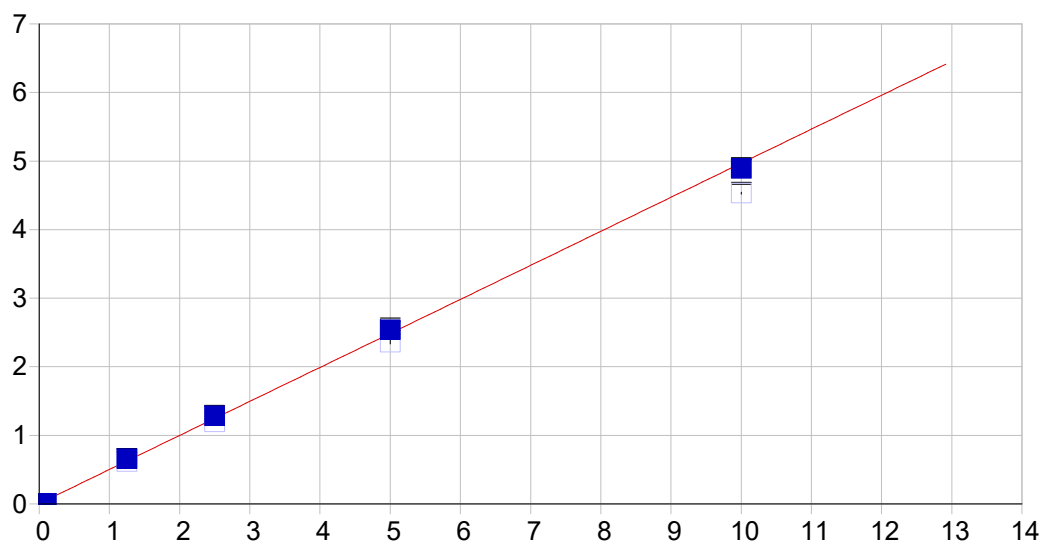


P 177.495 {490}

Date of Fit: 01/08/2020 15:17:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000889 Re-Slope: 1.000000
 A1 (Gain): 0.043491 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999873 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.002977
 Predicted MQL: 0.009922

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00089	.000	1
S1	.01000	.01092	.001	9.18	-.00042	.000	1
S2	1.2500	1.2132	-.037	-2.94	.05127	.000	1
S3	2.5000	2.4322	-.068	-2.71	.10367	.000	1
S4	5.0000	4.9779	-.022	-.441	.21317	.001	1
S5	10.000	10.126	.126	1.26	.43461	.001	1

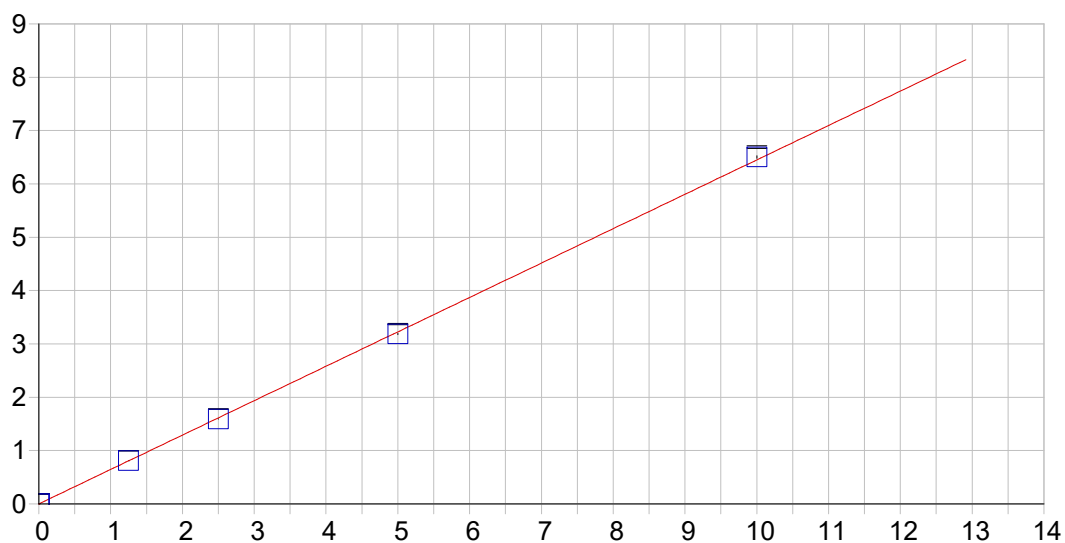


B 249.678 {135}

Date of Fit: 01/08/2020 15:17:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.005616	Re-Slope:	1.000000
A1 (Gain):	0.496204	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997058	Status:	OK.
Std Error of Est:	0.001881		
Predicted MDL:	0.000957		
Predicted MQL:	0.003191		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	.00566	.000	1
S1	.10000	.00768	-.092	-92.3	.00933	.000	1
S2	1.2500	1.3171	.067	5.37	.61414	.004	1
S3	2.5000	2.5785	.078	3.14	1.1950	.008	1
S4	5.0000	5.1056	.106	2.11	2.3590	.026	1
S5	10.000	9.8482	-.152	-1.52	4.5322	.014	1

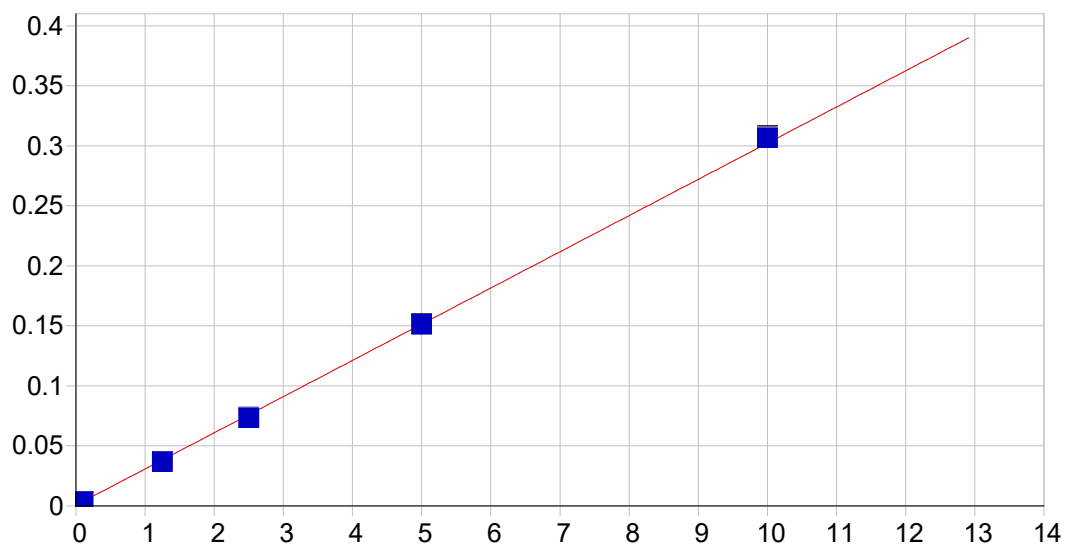


Mo 202.030 {467}

Date of Fit: 01/08/2020 15:17:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000774 Re-Slope: 1.000000
 A1 (Gain): 0.644946 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999951 Status: OK.
 Std Error of Est: 0.000107
 Predicted MDL: 0.000379
 Predicted MQL: 0.001264

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00077	.000	1
S1	.01000	.01047	.000	4.66	.00752	.000	1
S2	1.2500	1.2550	.005	.400	.81018	.003	1
S3	2.5000	2.4685	-.031	-1.26	1.5928	.001	1
S4	5.0000	4.9412	-.059	-1.18	3.1876	.012	1
S5	10.000	10.085	.085	.848	6.5049	.024	1

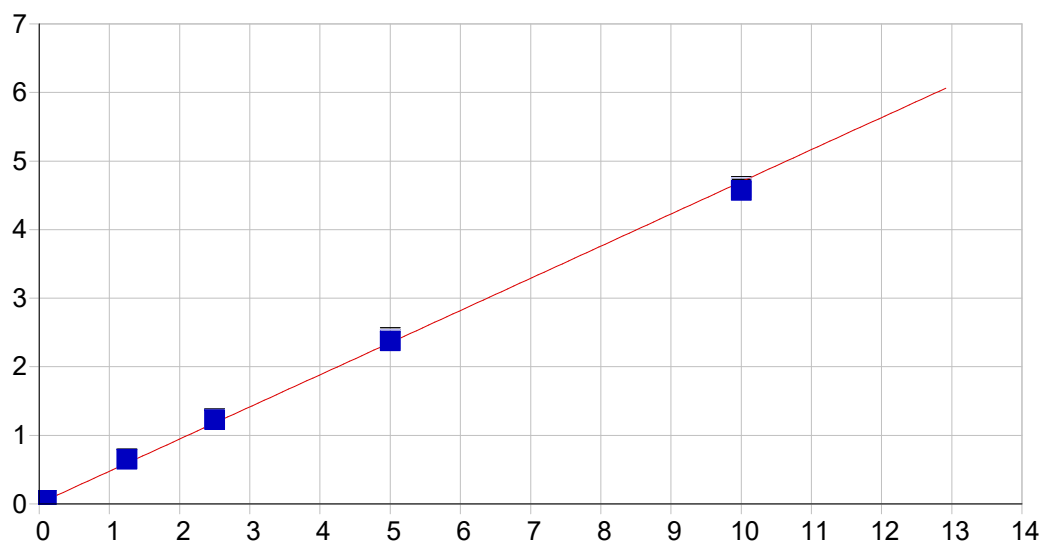


S 182.034 {485}

Date of Fit: 01/08/2020 15:17:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000617	Re-Slope:	1.000000
A1 (Gain):	0.030156	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999804	Status:	OK.
Std Error of Est:	0.000032		
Predicted MDL:	0.005447		
Predicted MQL:	0.018157		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00062	.000	1
S1	.10000	.09864	-.001	-1.36	.00359	.000	1
S2	1.2500	1.1968	-.053	-4.26	.03679	.000	1
S3	2.5000	2.4143	-.086	-3.43	.07358	.000	1
S4	5.0000	4.9927	-.007	-.147	.15149	.000	1
S5	10.000	10.148	.148	1.48	.30727	.001	1

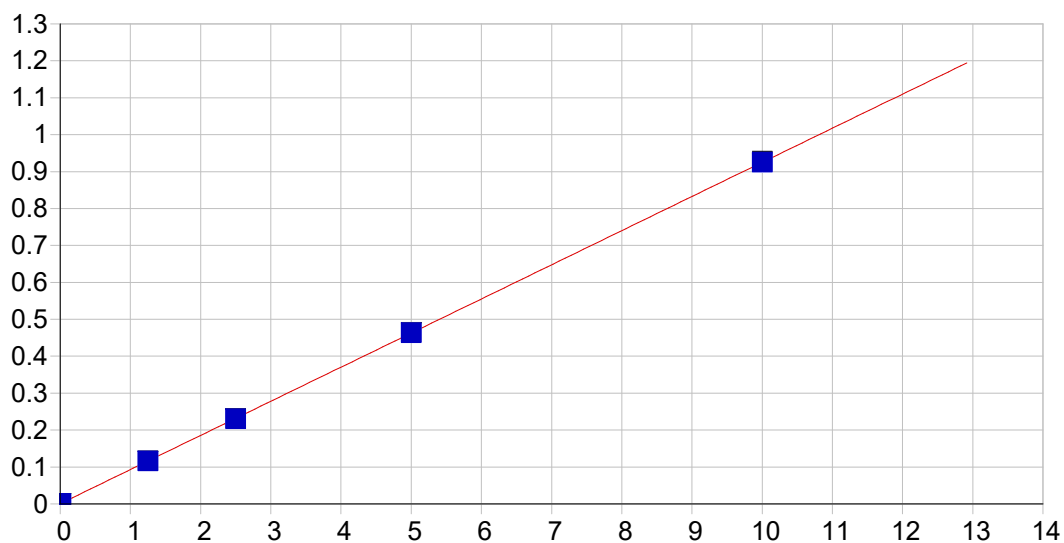


Si 251.611 {134}

Date of Fit: 01/08/2020 15:17:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.007218	Re-Slope:	1.000000
A1 (Gain):	0.468926	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999400	Status:	OK.
Std Error of Est:	0.000872		
Predicted MDL:	0.001021		
Predicted MQL:	0.003405		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00721	.000	1
S1	.10000	.10510	.005	5.10	.05667	.001	1
S2	1.2500	1.3660	.116	9.28	.65294	.004	1
S3	2.5000	2.5994	.099	3.98	1.2365	.011	1
S4	5.0000	5.0535	.054	1.07	2.3977	.027	1
S5	10.000	9.7260	-.274	-2.74	4.6095	.018	1

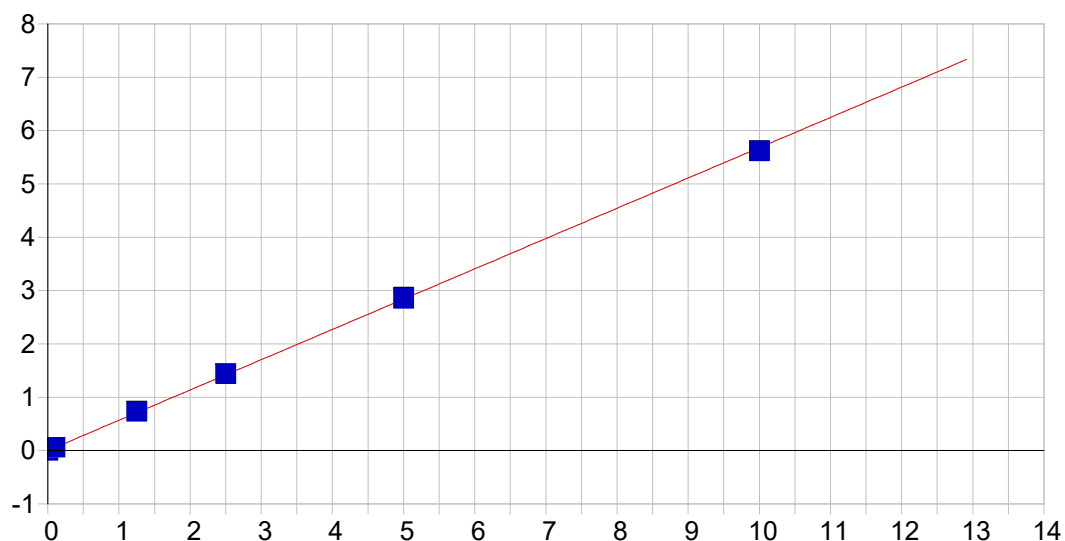


Sn 189.989 {478}

Date of Fit: 01/08/2020 15:17:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000551	Re-Slope:	1.000000
A1 (Gain):	0.092443	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999985	Status:	OK.
Std Error of Est:	0.000007		
Predicted MDL:	0.001469		
Predicted MQL:	0.004896		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00055	.000	1
S1	.00700	.00520	-.002	-25.7	.00101	.000	1
S2	1.2500	1.2487	-.001	-.102	.11575	.000	1
S3	2.5000	2.4862	-.014	-.552	.22990	.001	1
S4	5.0000	5.0116	.012	.231	.46288	.001	1
S5	10.000	10.005	.005	.053	.92356	.002	1

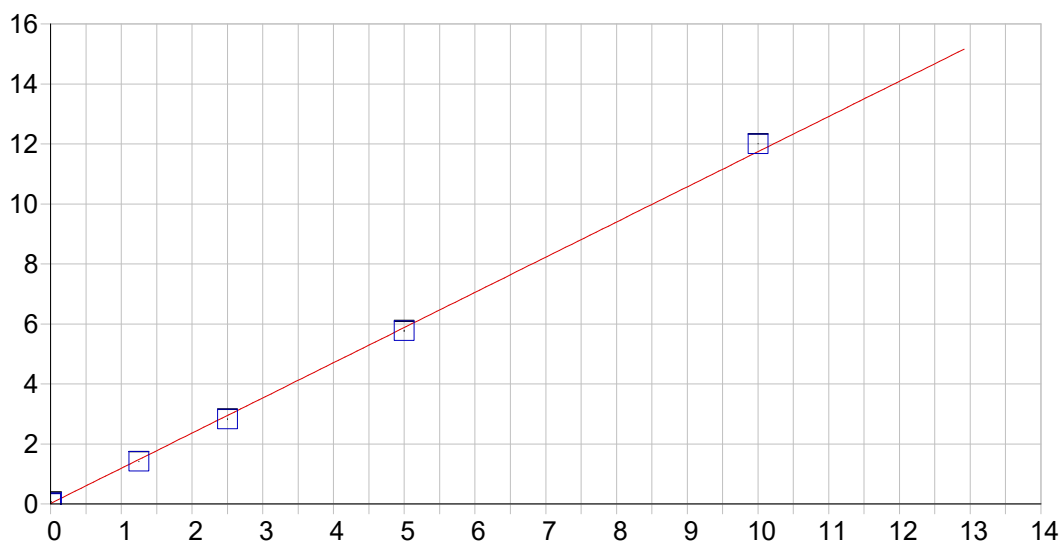


Ti 336.121 {100}

Date of Fit: 01/08/2020 15:17:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000091	Re-Slope:	1.000000
A1 (Gain):	0.567896	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999907	Status:	OK.
Std Error of Est:	0.000412		
Predicted MDL:	0.001133		
Predicted MQL:	0.003777		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00009	.000	1
S1	.10000	.10407	.004	4.07	.05917	.001	1
S2	1.2500	1.2928	.043	3.43	.73404	.003	1
S3	2.5000	2.5363	.036	1.45	1.4400	.003	1
S4	5.0000	5.0266	.027	.531	2.8537	.019	1
S5	10.000	9.8902	-.110	-1.10	5.6148	.003	1

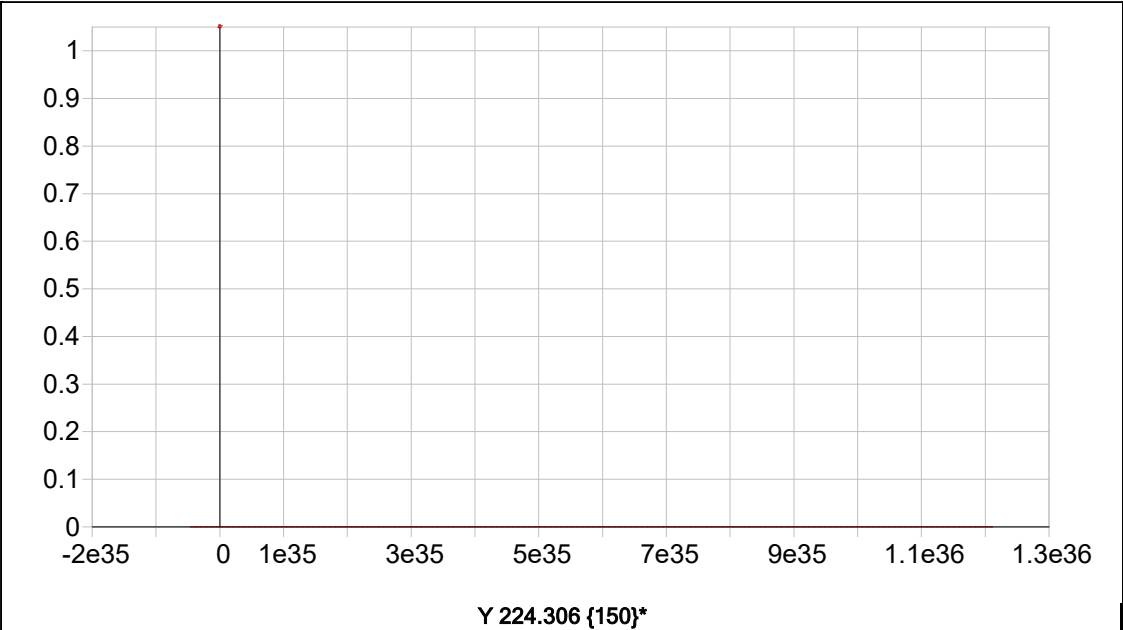


Li 670.784 { 50}

Date of Fit: 01/08/2020 15:17:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.015334	Re-Slope:	1.000000
A1 (Gain):	1.172613	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997938	Status:	OK.
Std Error of Est:	0.001549		
Predicted MDL:	0.001662		
Predicted MQL:	0.005541		

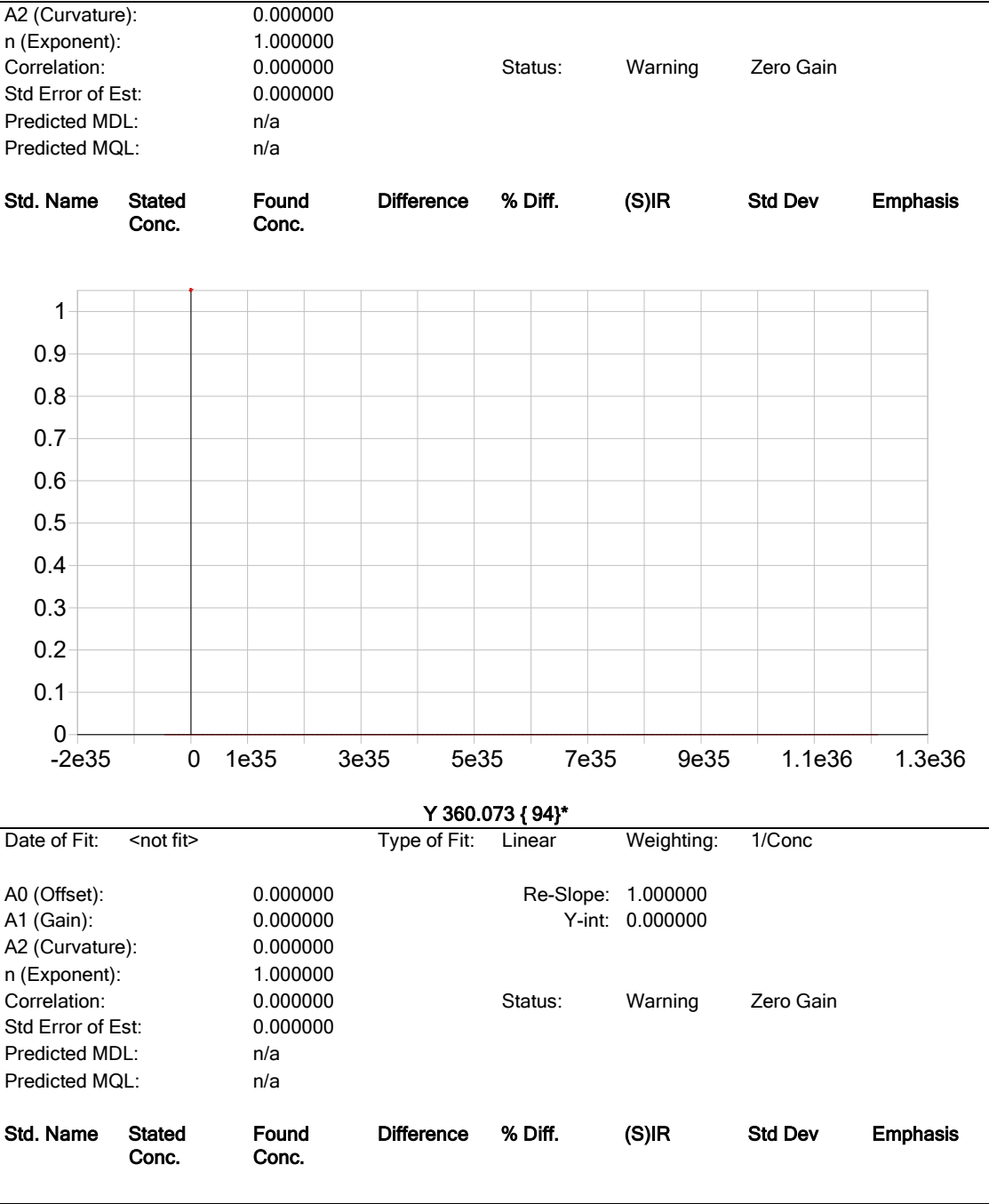
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.01530	.001	1
S5	10.000	10.222	.222	2.22	12.002	.007	1
S4	5.0000	4.9068	-.093	-1.86	5.7691	.020	1
S3	2.5000	2.3977	-.102	-4.09	2.8269	.012	1
S2	1.2500	1.1926	-.057	-4.59	1.4138	.003	1
S1	.01500	.04600	.031	207.	.06927	.002	1

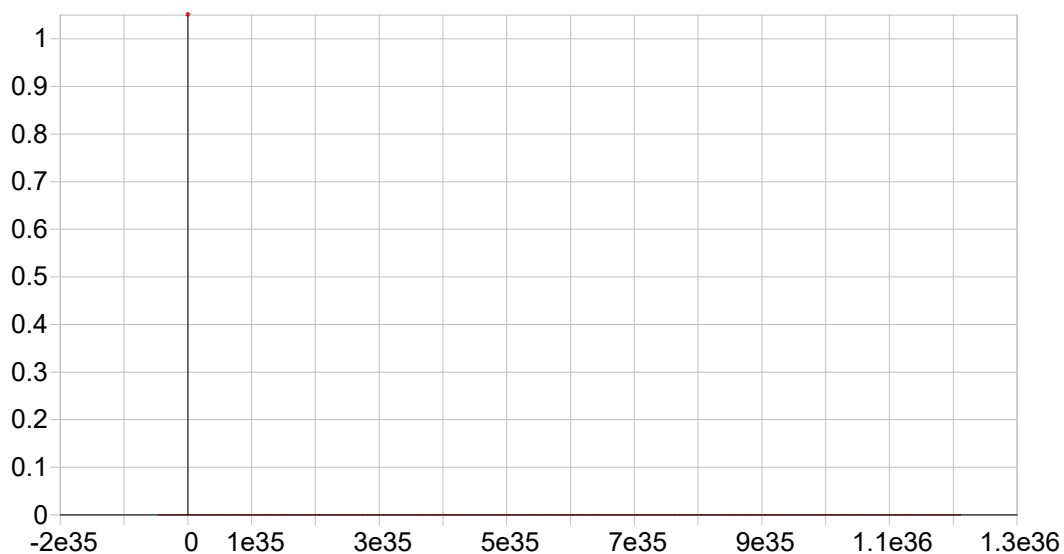


Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000		
A1 (Gain):	0.000000		Y-int:	0.000000		
A2 (Curvature):	0.000000					
n (Exponent):	1.000000					
Correlation:	0.000000		Status:	Warning	Zero Gain	
Std Error of Est:	0.000000					
Predicted MDL:	n/a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

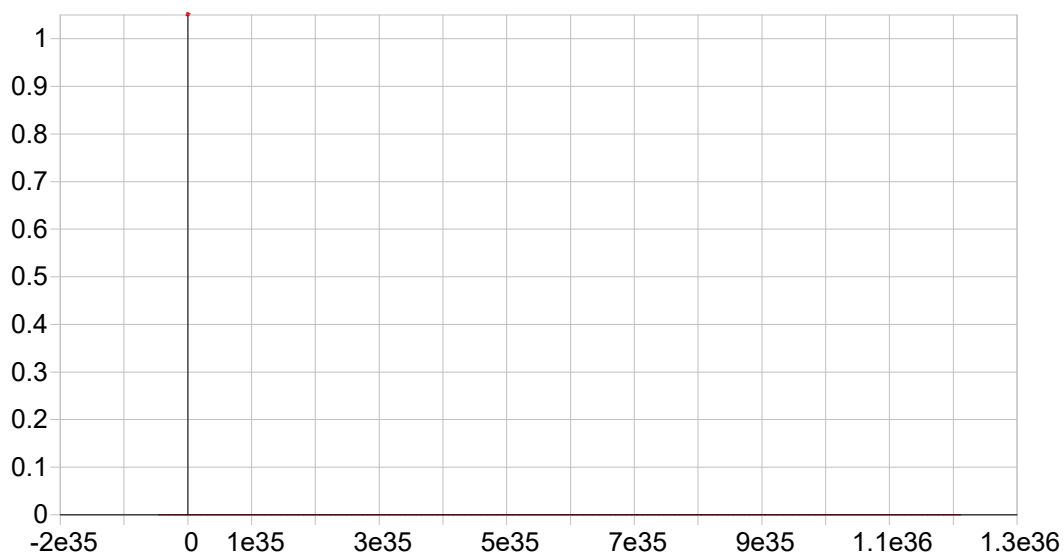
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Y 224.306 {450}*							

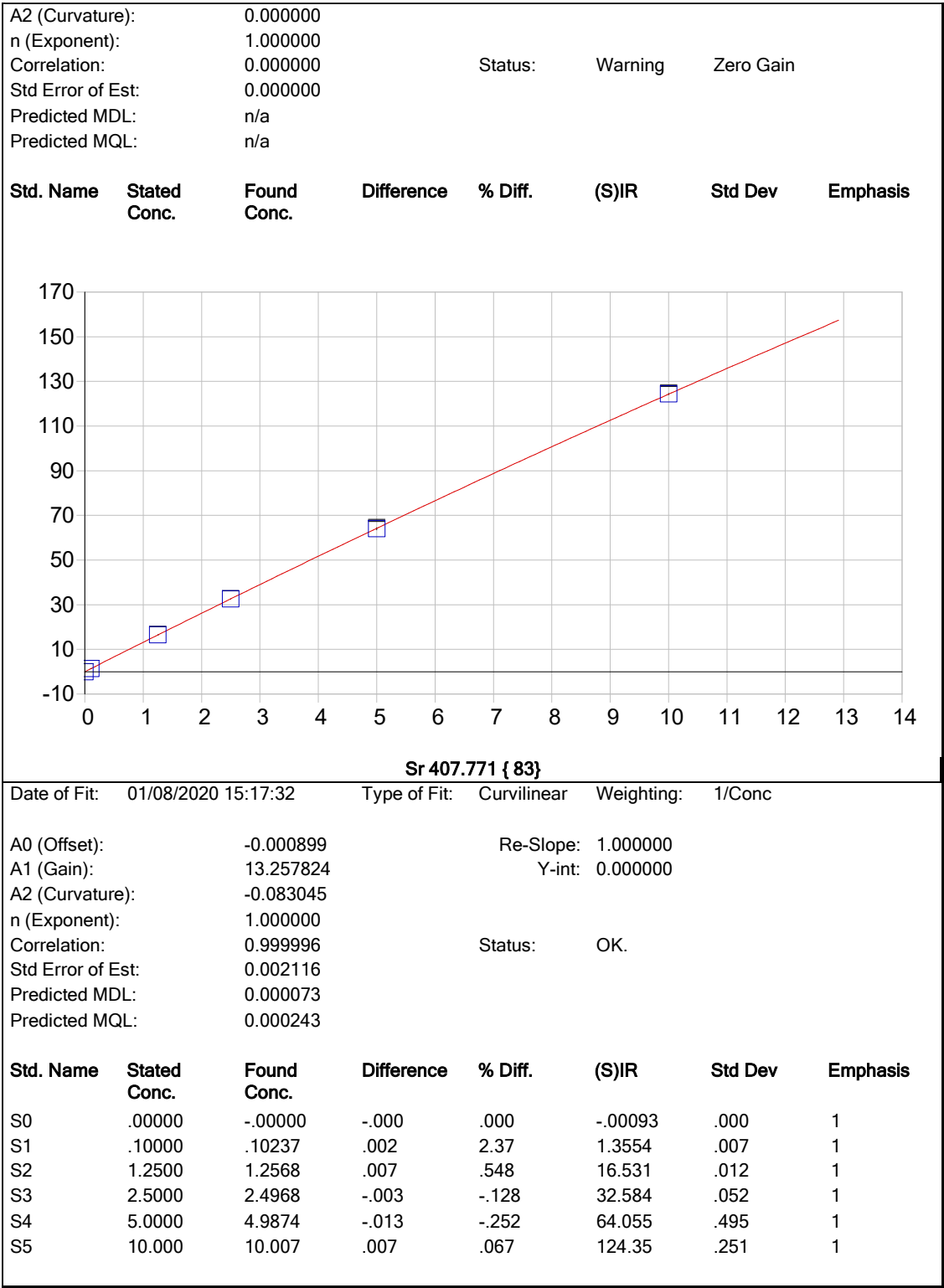
Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000		
A1 (Gain):	0.000000		Y-int:	0.000000		





Y 371.030 { 91}*





Sample Name: S0 Acquired: 01/08/2020 11:23:17 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1058) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00048	-.00080	.00097	.00098	.00074	.00577	.00827	-.00119
Stddev	.00022	.00011	.00016	.00021	.00013	.00072	.00108	.00032
%RSD	45.875	13.291	16.679	21.116	18.027	12.568	13.100	27.115
#1	-.00055	-.00074	.00107	.00122	.00086	.00660	.00946	-.00120
#2	-.00065	-.00074	.00105	.00089	.00077	.00540	.00735	-.00151
#3	-.00023	-.00092	.00078	.00084	.00060	.00530	.00801	-.00086
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	-.00052	.00084	.00004	.00017	.00432	.00054	.00040	-.00035
Stddev	.00018	.00043	.00008	.00014	.00051	.00012	.00019	.00014
%RSD	35.173	51.054	188.43	79.111	11.919	22.106	47.492	41.669
#1	-.00031	.00112	-.00005	.00010	.00440	.00055	.00060	-.00024
#2	-.00062	.00104	.00006	.00009	.00377	.00065	.00021	-.00029
#3	-.00064	.00035	.00012	.00033	.00479	.00041	.00040	-.00051
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	-.00185	-.00096	-.01007	.00026	.00030	.02040	-.00089	.00566
Stddev	.00031	.00007	.00150	.00036	.00037	.00043	.00002	.00009
%RSD	16.529	7.5420	14.857	137.00	124.17	2.1101	2.5663	1.6133
#1	-.00162	-.00098	-.00905	.00038	.00028	.01990	-.00087	.00562
#2	-.00220	-.00088	-.00937	-.00014	-.00006	.02060	-.00088	.00576
#3	-.00174	-.00102	-.01179	.00055	.00067	.02069	-.00091	.00559
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	.00077	.00062	.00721	.00055	.00009	.01530	-.00093	
Stddev	.00022	.00012	.00015	.00024	.00010	.00131	.00037	
%RSD	28.422	19.650	2.0501	43.849	115.71	8.5457	39.683	
#1	.00075	.00062	.00736	.00036	.00011	.01679	-.00092	
#2	.00100	.00074	.00720	.00082	-.00002	.01435	-.00131	
#3	.00057	.00049	.00707	.00047	.00017	.01476	-.00057	

Sample Name: S0 Acquired: 01/08/2020 11:23:17 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1058) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1153.4	2459.4	30439.	6393.0	2743.3
Stddev	4.8	.6	154.	45.8	4.1
%RSD	.41504	.02279	.50690	.71592	.15060
#1	1148.0	2458.8	30320.	6343.1	2745.8
#2	1155.5	2459.9	30383.	6402.8	2745.6
#3	1156.8	2459.4	30613.	6433.1	2738.6

Sample Name: S1 Acquired: 01/08/2020 11:27:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1058) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00001	.00060	.00303	.00355	.00892	.02448	.80373	.02366
Stddev	.00018	.00004	.00030	.00016	.00013	.00039	.00160	.00056
%RSD	1387.4	7.0230	9.9578	4.3639	1.4682	1.5882	.19966	2.3814

#1	.00012	.00064	.00302	.00338	.00895	.02443	.80239	.02323
#2	-.00020	.00056	.00273	.00365	.00904	.02411	.80551	.02429
#3	.00012	.00062	.00334	.00363	.00878	.02489	.80330	.02344

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	.01853	.45790	.00212	.05210	.01086	.00462	.01478	.07858
Stddev	.00005	.00155	.00006	.00022	.00024	.00030	.00039	.00035
%RSD	.25483	.33754	2.7005	.42412	2.1674	6.4442	2.6605	.44147

#1	.01857	.45847	.00214	.05215	.01103	.00465	.01479	.07831
#2	.01847	.45907	.00217	.05229	.01095	.00431	.01517	.07897
#3	.01854	.45614	.00206	.05186	.01059	.00490	.01438	.07846

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	.02257	.00485	.02396	.00752	.02786	.14528	-.00042	.00933
Stddev	.00012	.00020	.00064	.00033	.00070	.00339	.00002	.00041
%RSD	.53325	4.1673	2.6601	4.4515	2.5219	2.3317	4.4065	4.3551

#1	.02261	.00468	.02381	.00781	.02737	.14272	-.00040	.00974
#2	.02243	.00507	.02466	.00759	.02755	.14912	-.00044	.00931
#3	.02266	.00479	.02341	.00715	.02867	.14400	-.00041	.00893

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	.00752	.00359	.05667	.00101	.05917	.06927	1.3554	
Stddev	.00028	.00009	.00089	.00004	.00057	.00164	.0067	
%RSD	3.7289	2.4188	1.5767	4.1383	.97047	2.3680	.49371	

#1	.00776	.00362	.05570	.00101	.05956	.06956	1.3630	
#2	.00721	.00349	.05686	.00106	.05851	.07076	1.3505	
#3	.00761	.00366	.05745	.00097	.05944	.06751	1.3527	

Sample Name: S1 Acquired: 01/08/2020 11:27:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1058) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1172.9	2468.4	30792.	6483.4	2777.6
Stddev	3.7	5.6	52.	16.8	2.5
%RSD	.31564	.22833	.16920	.25924	.09152
#1	1176.8	2472.6	30749.	6490.9	2779.8
#2	1169.4	2470.5	30778.	6464.2	2774.8
#3	1172.5	2462.0	30850.	6495.2	2778.1

Sample Name: S2 Acquired: 01/08/2020 11:31:31 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1058) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05319	.06878	1.5758	.08841	.16288	3.5155	9.5451	.58705
Stddev	.00029	.00046	.0056	.00032	.00019	.0232	.0207	.00312
%RSD	.54645	.66964	.35802	.36242	.11668	.66090	.21646	.53102

#1	.05286	.06827	1.5692	.08877	.16266	3.4962	9.5258	.58639
#2	.05330	.06888	1.5790	.08817	.16301	3.5089	9.5425	.59045
#3	.05340	.06918	1.5791	.08829	.16298	3.5413	9.5669	.58432

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.2385	5.4178	.75275	.63187	.87372	1.7030	3.3028	.93485
Stddev	.0046	.0140	.00079	.00102	.00685	.0049	.0082	.00490
%RSD	.20700	.25894	.10535	.16097	.78393	.28555	.24773	.52390

#1	2.2339	5.4018	.75353	.63075	.86981	1.6982	3.2942	.93276
#2	2.2431	5.4243	.75194	.63214	.86972	1.7028	3.3036	.93135
#3	2.2384	5.4275	.75277	.63273	.88163	1.7079	3.3105	.94045

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	.35474	.16750	.24770	.08034	1.4221	.92553	.05127	.61414
Stddev	.00091	.00049	.00080	.00076	.0017	.01240	.00034	.00379
%RSD	.25712	.29067	.32281	.94816	.11600	1.3398	.65569	.61720

#1	.35381	.16804	.24745	.07963	1.4236	.91640	.05115	.61364
#2	.35480	.16708	.24706	.08026	1.4203	.92056	.05101	.61816
#3	.35563	.16738	.24860	.08114	1.4223	.93965	.05165	.61062

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	.81018	.03679	.65294	.11575	.73404	1.4138	16.531
Stddev	.00280	.00024	.00362	.00039	.00288	.0025	.012
%RSD	.34593	.64667	.55468	.33478	.39225	.17847	.07313

#1	.81167	.03652	.65445	.11531	.73546	1.4120	16.543
#2	.80695	.03687	.65556	.11603	.73594	1.4167	16.531
#3	.81193	.03697	.64881	.11591	.73073	1.4127	16.519

Sample Name: S2 Acquired: 01/08/2020 11:31:31 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1058) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1132.3	2387.9	30309.	6474.3	2641.0
Stddev	3.0	1.7	26.	14.4	4.6
%RSD	.26236	.07184	.08483	.22247	.17599
#1	1129.3	2387.0	30335.	6487.6	2645.9
#2	1135.2	2389.9	30283.	6459.0	2636.7
#3	1132.4	2386.8	30310.	6476.2	2640.2

Sample Name: S4 Acquired: 01/08/2020 11:39:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1058) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.21614	.26779	6.3065	.33956	.64881	14.000	37.378	2.2163
Stddev	.00050	.00099	.0155	.00110	.00218	.118	.235	.0302
%RSD	.23174	.36862	.24595	.32254	.33552	.84638	.62743	1.3606

#1	.21672	.26735	6.2915	.33945	.65095	14.125	37.638	2.2387
#2	.21583	.26710	6.3055	.33852	.64660	13.988	37.314	2.1820
#3	.21587	.26892	6.3224	.34070	.64888	13.889	37.183	2.2282

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	8.7545	20.597	2.8703	2.5043	3.3290	6.4417	12.466	3.7014
Stddev	.0218	.146	.0014	.0053	.0274	.0516	.100	.0260
%RSD	.24886	.71048	.04824	.21097	.82438	.80086	.80132	.70183

#1	8.7340	20.766	2.8689	2.4982	3.3587	6.5006	12.582	3.7312
#2	8.7520	20.507	2.8716	2.5068	3.3237	6.4202	12.405	3.6888
#3	8.7774	20.518	2.8705	2.5079	3.3046	6.4043	12.412	3.6841

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	1.3932	.66647	1.0101	.30863	5.8205	3.6249	.21317	2.3590
Stddev	.0015	.00282	.0115	.00218	.0222	.0322	.00092	.0264
%RSD	.11162	.42290	1.1355	.70679	.38213	.88895	.42943	1.1188

#1	1.3928	.66430	1.0205	.31114	5.7974	3.6556	.21277	2.3811
#2	1.3918	.66547	1.0119	.30755	5.8226	3.6279	.21252	2.3298
#3	1.3949	.66966	.99781	.30721	5.8417	3.5913	.21422	2.3660

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	3.1876	.15149	2.3977	.46288	2.8537	5.7691	64.055
Stddev	.0123	.00034	.0272	.00060	.0191	.0200	.495
%RSD	.38569	.22588	1.1336	.12981	.66924	.34723	.77283

#1	3.1998	.15117	2.4204	.46235	2.8573	5.7922	64.620
#2	3.1752	.15146	2.3676	.46275	2.8330	5.7582	63.698
#3	3.1878	.15185	2.4052	.46353	2.8707	5.7568	63.847

Sample Name: S4 Acquired: 01/08/2020 11:39:14 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1058) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1027.9	2188.8	29147.	6375.7	2378.4
Stddev	10.4	9.9	192.	46.9	.8
%RSD	1.0111	.45457	.65979	.73520	.03305
#1	1037.6	2177.7	29352.	6340.4	2377.6
#2	1029.2	2196.9	29119.	6428.9	2379.2
#3	1017.0	2191.7	28971.	6357.9	2378.5

Sample Name: S3 Acquired: 01/08/2020 11:35:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1058) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.10633	.13531	3.1279	.17229	.32217	6.9827	18.891	1.1328
Stddev	.00020	.00063	.0040	.00077	.00063	.0445	.074	.0112
%RSD	.18534	.46596	.12693	.44802	.19472	.63755	.39339	.98791

#1	.10621	.13459	3.1240	.17275	.32227	6.9465	18.811	1.1255
#2	.10623	.13577	3.1320	.17140	.32150	7.0324	18.957	1.1456
#3	.10656	.13558	3.1276	.17272	.32274	6.9693	18.905	1.1272

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	4.4103	10.537	1.4675	1.2529	1.7059	3.3212	6.4208	1.8517
Stddev	.0046	.062	.0014	.0018	.0131	.0229	.0383	.0112
%RSD	.10520	.58845	.09288	.14013	.76577	.68945	.59692	.60291

#1	4.4070	10.473	1.4687	1.2511	1.6966	3.3024	6.3823	1.8422
#2	4.4156	10.597	1.4677	1.2546	1.7208	3.3467	6.4589	1.8640
#3	4.4082	10.541	1.4660	1.2529	1.7003	3.3145	6.4212	1.8490

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	.70014	.33184	.50296	.15706	2.8560	1.8209	.10367	1.1950
Stddev	.00070	.00038	.00333	.00061	.0088	.0147	.00008	.0080
%RSD	.09932	.11565	.66282	.38763	.30921	.80897	.07910	.66737

#1	.69958	.33211	.49915	.15652	2.8531	1.8122	.10358	1.1878
#2	.70092	.33201	.50443	.15772	2.8659	1.8379	.10374	1.2036
#3	.69992	.33140	.50531	.15695	2.8490	1.8126	.10370	1.1938

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	1.5928	.07358	1.2365	.22990	1.4400	2.8269	32.584
Stddev	.0014	.00036	.0109	.00070	.0027	.0117	.052
%RSD	.08907	.49162	.88456	.30646	.18713	.41408	.16064

#1	1.5913	.07345	1.2259	.22927	1.4369	2.8137	32.524
#2	1.5932	.07330	1.2477	.23066	1.4411	2.8309	32.621
#3	1.5940	.07399	1.2360	.22979	1.4419	2.8360	32.607

Sample Name: S3 Acquired: 01/08/2020 11:35:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1058) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1098.8	2320.3	29985.	6488.8	2537.7
Stddev	5.6	3.6	67.	56.1	4.5
%RSD	.50787	.15537	.22428	.86441	.17919
#1	1100.9	2316.3	30007.	6532.3	2538.0
#2	1092.5	2321.3	29910.	6425.5	2533.0
#3	1103.1	2323.3	30039.	6508.7	2542.1

Sample Name: S6 Acquired: 01/08/2020 11:47:14 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1058) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	70.081	63.181	31.569	11.654	5.3486
Stddev	.641	.404	.106	.036	.0174
%RSD	.91499	.63963	.33635	.30816	.32509

#1	69.481	62.858	31.635	11.673	5.3656
#2	70.756	63.634	31.626	11.676	5.3493
#3	70.005	63.050	31.447	11.612	5.3308

Int. Std.	Y_3710
Units	Cts/S
Avg	6237.5
Stddev	26.5
%RSD	.42490

#1	6262.7
#2	6209.9
#3	6239.8

Sample Name: S5 Acquired: 01/08/2020 11:43:11 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1058) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.44508	.51852	12.568	.66650	1.3345	28.043	72.663	4.2985
Stddev	.00185	.00177	.018	.00065	.0046	.088	.346	.0113
%RSD	.41487	.34127	.14216	.09799	.34249	.31458	.47648	.26295

#1	.44523	.51653	12.565	.66723	1.3343	27.942	73.060	4.3110
#2	.44317	.51912	12.551	.66629	1.3301	28.107	72.503	4.2891
#3	.44685	.51991	12.587	.66598	1.3392	28.079	72.425	4.2953

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	17.174	39.184	5.5332	4.9651	6.6324	12.431	24.214	7.3869
Stddev	.028	.089	.0139	.0104	.0324	.047	.071	.0286
%RSD	.16214	.22660	.25143	.20963	.48866	.38085	.29242	.38709

#1	17.160	39.158	5.5183	4.9560	6.5967	12.384	24.185	7.3593
#2	17.156	39.283	5.5458	4.9629	6.6405	12.479	24.295	7.4164
#3	17.206	39.111	5.5356	4.9765	6.6600	12.429	24.163	7.3849

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.7416	1.3436	2.0199	.59987	12.443	7.3475	.43461	4.5322
Stddev	.0050	.0038	.0076	.00103	.133	.0370	.00135	.0137
%RSD	.18041	.28260	.37849	.17130	1.0670	.50317	.31023	.30153

#1	2.7382	1.3392	2.0130	.59880	12.293	7.3139	.43349	4.5435
#2	2.7392	1.3463	2.0281	.60084	12.492	7.3416	.43423	4.5170
#3	2.7473	1.3451	2.0185	.59997	12.545	7.3871	.43611	4.5361

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	6.5049	.30727	4.6095	.92356	5.6148	12.002	124.35
Stddev	.0238	.00108	.0182	.00230	.0032	.007	.25
%RSD	.36627	.35231	.39453	.24903	.05665	.05730	.20159

#1	6.4961	.30605	4.6288	.92278	5.6153	11.997	124.46
#2	6.4868	.30763	4.5927	.92175	5.6176	11.999	124.53
#3	6.5319	.30812	4.6069	.92615	5.6113	12.010	124.06

Sample Name: S5 Acquired: 01/08/2020 11:43:11 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1058) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	919.92	2001.1	28151.	6299.2	2199.5
Stddev	6.28	4.3	132.	17.7	3.9
%RSD	.68320	.21380	.46859	.28103	.17798
#1	926.72	2003.2	28280.	6283.4	2203.1
#2	918.70	2003.9	28016.	6295.8	2200.0
#3	914.33	1996.2	28158.	6318.3	2195.4

Sample Name: ICV Acquired: 01/08/2020 11:51:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1058) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0418046	.0544199	.2467503	.0718950	.1227722	.2179414	1.919311
Stddev	.0002286	.0000897	.0000846	.0004154	.0003739	.0028895	.015380
%RSD	.5467952	.1649046	.0342982	.5778344	.3045263	1.325838	.8013453
#1	.0416798	.0544772	.2468091	.0722704	.1223942	.2194910	1.914849
#2	.0416655	.0544661	.2467886	.0714487	.1227805	.2197256	1.936429
#3	.0420684	.0543165	.2466533	.0719658	.1231418	.2146076	1.906655
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.310909	1.810794	.8496968	.0992664	.5044668	.1212474	.4466250
Stddev	.002154	.004929	.0061219	.0005142	.0008551	.0016733	.0023238
%RSD	.0932225	.2722090	.7204840	.5179914	.1695081	1.380096	.5202994
#1	2.309019	1.807580	.8477257	.0997845	.5037775	.1214427	.4461660
#2	2.313255	1.808333	.8565615	.0992583	.5041991	.1228145	.4491441
#3	2.310453	1.816469	.8448032	.0987562	.5054237	.1194850	.4445650
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.4286984	.0870390	.2842115	.1279836	.0560531	.0663500	.4311666
Stddev	.0032937	.0006939	.0008358	.0006070	.0015446	.0006709	.0062906
%RSD	.7682913	.7971972	.2940620	.4742538	2.755535	1.011165	1.458981
#1	.4262395	.0877759	.2832714	.1274558	.0567914	.0657239	.4243021
#2	.4324405	.0869430	.2844925	.1278481	.0570899	.0670582	.4366558
#3	.4274151	.0863981	.2848705	.1286469	.0542779	.0662679	.4325418
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.2482275	-.000866	-.003428	.0008798	.0004691	.0076620	.0005493
Stddev	.0025072	.000069	.000303	.0001532	.0000764	.0003236	.0000617
%RSD	1.010053	7.999169	8.837769	17.41454	16.29311	4.223781	11.22596
#1	.2497050	-.000889	-.003244	.0010427	.0003808	.0080298	.0005121
#2	.2496449	-.000788	-.003262	.0008582	.0005117	.0074208	.0005153
#3	.2453326	-.000920	-.003777	.0007385	.0005146	.0075354	.0006205

Sample Name: ICV Acquired: 01/08/2020 11:51:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1058) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	-.000393	.0271824	.0144907
Stddev	.000979	.0009234	.0004202
%RSD	249.1248	3.396999	2.899638

#1	.000466	.0261203	.0140154
#2	-.000186	.0277950	.0148126
#3	-.001459	.0276318	.0146442

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1179.775	2445.918	31144.54	6564.202	2739.977
Stddev	8.220	5.311	61.20	27.845	2.649
%RSD	.6967403	.2171459	.1965068	.4241875	.0966734

#1	1187.700	2444.541	31123.08	6532.348	2740.775
#2	1180.335	2451.782	31213.57	6583.912	2742.136
#3	1171.289	2441.431	31096.95	6576.347	2737.022

Sample Name: ICB Acquired: 01/08/2020 12:01:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1058) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.000323	-.000826	.0007029	.0010282	.0008670	.0052733	.0050982
Stddev	.000116	.000023	.0002918	.0001791	.0002692	.0004019	.0017584
%RSD	36.01895	2.822588	41.50946	17.41984	31.05590	7.622401	34.48997
#1	-.000225	-.000850	.0006068	.0009453	.0010587	.0055074	.0034473
#2	-.000452	-.000826	.0004713	.0009056	.0005591	.0048091	.0069473
#3	-.000293	-.000803	.0010306	.0012338	.0009830	.0055033	.0049001
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.001118	-.000591	.0006156	.0000400	.0001694	.0046909	.0003253
Stddev	.000326	.000329	.0005729	.0000213	.0001752	.0004292	.0002535
%RSD	29.18889	55.63118	93.06096	53.26086	103.4596	9.149986	77.91566
#1	-.000745	-.000930	.0003202	.0000293	.0002551	.0042052	.0006173
#2	-.001258	-.000274	.0012760	.0000261	.0002852	.0050190	.0001966
#3	-.001350	-.000568	.0002507	.0000644	-.000032	.0048486	.0001620
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0004834	-.000440	-.001774	-.000765	-.011532	.0002766	.0004287
Stddev	.0000829	.000338	.000145	.000199	.000439	.0001635	.0004272
%RSD	17.16005	76.85584	8.176039	26.02065	3.810315	59.11686	99.63036
#1	.0004128	-.000421	-.001681	-.000726	-.011805	.0002937	-.000064
#2	.0004626	-.000112	-.001700	-.000980	-.011025	.0001052	.000700
#3	.0005747	-.000787	-.001941	-.000588	-.011765	.0004310	.000649
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0198955	-.000948	.0037902	.0007757	.0004366	.0063976	.0004290
Stddev	.0008836	.000065	.0002080	.0000865	.0000898	.0002764	.0000528
%RSD	4.441239	6.897808	5.488850	11.15554	20.55943	4.320678	12.31387
#1	.0197234	-.001017	.0038787	.0008653	.0003561	.0066713	.0004621
#2	.0191107	-.000887	.0039394	.0006926	.0005334	.0061185	.0003681
#3	.0208526	-.000939	.0035526	.0007692	.0004203	.0064031	.0004568

Sample Name: ICB Acquired: 01/08/2020 12:01:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1058) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	.0004614	.0187670	-.001831
Stddev	.0004858	.0015822	.000310
%RSD	105.2904	8.430847	16.94080

#1	-.000019	.0205706	-.001485
#2	.000952	.0176127	-.002085
#3	.000451	.0181177	-.001921

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1183.468	2421.824	31028.74	6482.242	2693.407
Stddev	8.793	6.230	49.38	2.769	5.012
%RSD	.7429599	.2572644	.1591538	.0427116	.1860754

#1	1179.088	2418.724	30974.87	6480.131	2691.475
#2	1177.725	2428.996	31039.49	6485.377	2699.097
#3	1193.590	2417.751	31071.87	6481.218	2689.649

Sample Name: ICSAB Acquired: 01/08/2020 12:09:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1058) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0038045	.0039810	.0106769	.0037714	.0756984	21.11676	1.885555
Stddev	.0001836	.0000748	.0002237	.0003432	.0005353	.06250	.007818
%RSD	4.825412	1.878361	2.095463	9.099042	.7071122	.2959627	.4146368
#1	.0035942	.0039404	.0104234	.0038266	.0751504	21.14023	1.883417
#2	.0039327	.0040672	.0108466	.0034040	.0757248	21.04592	1.879029
#3	.0038867	.0039352	.0107607	.0040837	.0762200	21.16412	1.894220
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.211250	3.499867	20.41743	.1044246	.4932177	.1115301	4.209629
Stddev	.002214	.000599	.04645	.0004703	.0006191	.0008872	.011067
%RSD	.1001052	.0171215	.2275056	.4504153	.1255144	.7954656	.2629052
#1	2.212902	3.499245	20.40307	.1039515	.4925799	.1125426	4.203853
#2	2.208735	3.499915	20.37985	.1048921	.4932571	.1111591	4.202644
#3	2.212114	3.500440	20.46936	.1044301	.4938161	.1108887	4.222389
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.4145417	3.744342	.5475320	.1025378	-.009358	.0631431	.4337772
Stddev	.0013924	.011136	.0003613	.0002191	.001023	.0012776	.0015794
%RSD	.3358758	.2974089	.0659876	.2136690	10.93639	2.023349	.3641118
#1	.4130165	3.738673	.5477203	.1025288	-.008212	.0617522	.4331074
#2	.4148639	3.737181	.5477603	.1027612	-.010181	.0634127	.4355811
#3	.4157448	3.757172	.5471155	.1023233	-.009681	.0642644	.4326431
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0154993	-.000560	-.119803	.0015333	.0006450	.0053317	-.000111
Stddev	.0009443	.000247	.000281	.0001801	.0002572	.0001125	.000270
%RSD	6.092574	44.18370	.2346778	11.74749	39.87518	2.110419	242.6853
#1	.0149933	-.000778	-.120125	.0015114	.0007821	.0054560	-.000012
#2	.0165888	-.000291	-.119608	.0013651	.0008046	.0053025	-.000417
#3	.0149159	-.000611	-.119675	.0017234	.0003483	.0052367	.000095

Sample Name: ICSAB Acquired: 01/08/2020 12:09:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1058) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	-.001648	.0190351	1.277952
Stddev	.000209	.0023173	.002663
%RSD	12.68967	12.17404	.2083417

#1	-.001887	.0174007	1.276471
#2	-.001503	.0216871	1.276359
#3	-.001552	.0180174	1.281026

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1109.536	2286.270	29493.55	6443.982	2442.918
Stddev	8.136	4.661	143.95	12.062	5.481
%RSD	.7332987	.2038518	.4880585	.1871865	.2243740

#1	1106.289	2285.384	29505.22	6430.315	2437.221
#2	1103.526	2291.311	29344.12	6453.140	2448.155
#3	1118.795	2282.117	29631.30	6448.491	2443.378

Sample Name: ICSA Acquired: 01/08/2020 12:05:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1058) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.000320	-.001398	-.001650	.0003102	.0011535	20.99033	.0266483
Stddev	.000228	.000143	.000497	.0001853	.0004387	.01169	.0005226
%RSD	71.16193	10.21555	30.13307	59.71669	38.03597	.0557048	1.961256

#1	-.000070	-.001528	-.001662	.0005216	.0006562	20.99463	.0263372
#2	-.000515	-.001421	-.001147	.0002327	.0013184	20.97710	.0272517
#3	-.000376	-.001245	-.002142	.0001763	.0014859	20.99926	.0263561

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0047928	.0049819	20.26110	.0108151	.0000342	.0028742	4.185115
Stddev	.0002346	.0004883	.04323	.0001497	.0003028	.0005020	.005525
%RSD	4.895545	9.800542	.2133438	1.384397	884.8802	17.46628	.1320208

#1	.0050273	.0050949	20.23937	.0109624	.0003596	.0023986	4.183892
#2	.0047929	.0044471	20.23306	.0108200	-.000018	.0028249	4.180304
#3	.0045581	.0054038	20.31088	.0106631	-.000239	.0033990	4.191149

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0120858	3.719290	-.001293	-.003869	-.010330	.0004156	.0047867
Stddev	.0002063	.002878	.000087	.000190	.000847	.0001680	.0005440
%RSD	1.706885	.0773873	6.695171	4.906788	8.195613	40.41654	11.36462

#1	.0120631	3.716806	-.001274	-.004087	-.009606	.0004843	.0050680
#2	.0118918	3.722444	-.001387	-.003775	-.011261	.0002242	.0041597
#3	.0123025	3.718620	-.001216	-.003744	-.010123	.0005384	.0051324

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0184230	-.000586	-.118975	.0011932	.0004898	.0047118	.0000908
Stddev	.0015874	.000159	.000624	.0002898	.0001567	.0003234	.0001805
%RSD	8.616516	27.22187	.5243199	24.28427	31.99947	6.864659	198.9121

#1	.0167134	-.000432	-.119625	.0014205	.0005749	.0049392	.0001005
#2	.0198504	-.000575	-.118381	.0008669	.0005857	.0043415	.0002662
#3	.0187051	-.000750	-.118920	.0012921	.0003090	.0048548	-.000094

Sample Name: ICSA Acquired: 01/08/2020 12:05:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1058) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	-.000724	.0215210	1.277382
Stddev	.000243	.0011163	.004898
%RSD	33.50238	5.186982	.3834699

#1	-.000809	.0219686	1.281750
#2	-.000913	.0223441	1.272086
#3	-.000451	.0202504	1.278311

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1107.720	2290.876	29269.03	6422.565	2441.611
Stddev	8.645	3.175	216.77	12.918	4.412
%RSD	.7804725	.1386054	.7406260	.2011279	.1806925

#1	1097.835	2293.757	29086.39	6417.941	2446.554
#2	1113.870	2291.398	29212.12	6437.158	2440.209
#3	1111.457	2287.472	29508.58	6412.596	2438.071

Sample Name: CCV012 Acquired: 01/08/2020 12:22:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1058) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: CCV012 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.2100662	.2532318	6.160757	.3206773	.6329850	35.02460	36.40218
Stddev	.0004243	.0011742	.021145	.0013185	.0011697	.14091	.10584
%RSD	.2019650	.4636711	.3432245	.4111667	.1847924	.4023202	.2907404

#1	.2098931	.2520958	6.139838	.3192643	.6335864	35.08972	36.51562
#2	.2105497	.2531590	6.160309	.3208928	.6337318	35.12118	36.38485
#3	.2097560	.2544407	6.182122	.3218748	.6316370	34.86291	36.30608

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.126341	8.582455	31.43252	2.759734	2.468282	3.198053	16.40925
Stddev	.011744	.022087	.08311	.001637	.005328	.028422	.08186
%RSD	.5523090	.2573475	.2644055	.0593061	.2158693	.8887247	.4988615

#1	2.137003	8.561713	31.50705	2.760092	2.462925	3.216117	16.45037
#2	2.128267	8.579974	31.44762	2.757948	2.468342	3.212750	16.46240
#3	2.113753	8.605677	31.34290	2.761162	2.473581	3.165292	16.31498

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	11.86954	5.820017	1.365969	.6547701	2.661469	.2944955	5.758130
Stddev	.03893	.031475	.003269	.0023441	.011041	.0018208	.059669
%RSD	.3280064	.5408121	.2392828	.3579995	.4148588	.6182936	1.036258

#1	11.90790	5.839851	1.365023	.6553389	2.662940	.2958197	5.708775
#2	11.87066	5.836476	1.363278	.6567775	2.671702	.2952478	5.824442
#3	11.83006	5.783725	1.369607	.6521940	2.649766	.2924191	5.741172

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.535177	.2140049	1.937660	3.036432	.1488636	2.266795	.4549764
Stddev	.025357	.0003890	.007869	.001068	.0004260	.009436	.0010586
%RSD	.7172657	.1817824	.4060834	.0351664	.2861675	.4162802	.2326792

#1	3.552903	.2135647	1.945486	3.037501	.1483798	2.274758	.4552008
#2	3.546496	.2141475	1.937744	3.035366	.1490286	2.269252	.4538235
#3	3.506132	.2143024	1.929750	3.036428	.1491824	2.256373	.4559048

Sample Name: CCV012 Acquired: 01/08/2020 12:22:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1058) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: CCV012 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	2.788370	5.988403	63.26603
Stddev	.011838	.016558	.34948
%RSD	.4245425	.2765065	.5523937

#1	2.793381	6.003273	62.98942
#2	2.774851	5.970560	63.65880
#3	2.796879	5.991376	63.14989

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	992.3072	2106.289	28398.36	6358.392	2222.329
Stddev	8.0329	.304	40.73	20.800	5.324
%RSD	.8095185	.0144257	.1434198	.3271226	.2395709

#1	999.9634	2106.627	28410.31	6336.541	2227.555
#2	983.9442	2106.204	28353.00	6360.684	2222.519
#3	993.0140	2106.037	28431.78	6377.951	2216.912

Sample Name: CCB012 Acquired: 01/08/2020 12:32:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1058) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: CCB012 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.000535	-.000800	.0008811	.0008319	.0007434	.0045549	.0042559
Stddev	.000193	.000099	.0005282	.0001278	.0002038	.0002016	.0016481
%RSD	36.17803	12.33512	59.94699	15.36457	27.41798	4.426976	38.72587

#1	-.000677	-.000688	.0012677	.0009636	.0009264	.0047377	.0029485
#2	-.000314	-.000873	.0002793	.0007084	.0007801	.0043386	.0061073
#3	-.000612	-.000840	.0010964	.0008236	.0005237	.0045883	.0037120

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.001191	-.000432	.0000941	-.000042	.0001537	.0046933	.0003347
Stddev	.000368	.000068	.0001788	.000043	.0003680	.0003478	.0003668
%RSD	30.87056	15.61727	190.0337	101.2240	239.4205	7.409653	109.5739

#1	-.001536	-.000355	.0000539	-.000065	-.000218	.0049945	-.000062
#2	-.001234	-.000478	-.000061	-.000068	.000518	.0043127	.000662
#3	-.000804	-.000465	.000289	.000007	.000162	.0047726	.000404

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0002815	-.000428	-.001794	-.000724	-.011830	.0002651	.0011475
Stddev	.0003402	.000210	.000239	.000127	.000972	.0002588	.0010589
%RSD	120.8375	49.11923	13.35201	17.53756	8.218855	97.60511	92.27289

#1	.0002505	-.000671	-.001543	-.000702	-.012317	.0005601	.0023253
#2	-.000042	-.000325	-.001817	-.000861	-.012464	.0000764	.0002743
#3	.000636	-.000289	-.002020	-.000610	-.010711	.0001588	.0008430

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0202670	-.001057	.0052306	.0008132	.0004953	.0062270	.0004957
Stddev	.0014662	.000096	.0003128	.0001411	.0001008	.0003788	.0000530
%RSD	7.234635	9.110873	5.980018	17.35014	20.34853	6.082882	10.69980

#1	.0213284	-.001022	.0050150	.0009564	.0003792	.0059519	.0005537
#2	.0208786	-.000983	.0055894	.0008087	.0005600	.0060701	.0004839
#3	.0185939	-.001166	.0050875	.0006744	.0005467	.0066591	.0004496

Sample Name: CCB012 Acquired: 01/08/2020 12:32:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1058) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB012 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	.0004303	.0183591	-.001131
Stddev	.0001102	.0008921	.001122
%RSD	25.60808	4.858918	99.18785

#1	.0004047	.0177775	.000158
#2	.0005510	.0193862	-.001887
#3	.0003352	.0179136	-.001665

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1180.970	2414.753	31094.51	6527.860	2682.111
Stddev	7.898	3.288	263.30	38.412	6.188
%RSD	.6687603	.1361570	.8467619	.5884246	.2306962

#1	1171.890	2414.175	30802.09	6487.132	2686.115
#2	1184.784	2418.291	31168.65	6533.015	2685.234
#3	1186.238	2411.792	31312.79	6563.434	2674.985

Sample Name: PB125921BL Acquired: 01/08/2020 12:40:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1058) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: PBS921 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.000392	-.000806	.0003591	.0010006	.0006550	.0051115	.0056740
Stddev	.000038	.000126	.0005043	.0000264	.0002823	.0003238	.0024408
%RSD	9.639248	15.64989	140.4389	2.635216	43.10278	6.335398	43.01667
#1	-.000431	-.000716	.0005305	.0009701	.0008279	.0054013	.0073813
#2	-.000387	-.000752	.0007554	.0010167	.0008078	.0047620	.0028784
#3	-.000356	-.000950	-.000209	.0010149	.0003292	.0051712	.0067623
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.000822	-.000409	.0007514	.0000414	.0002456	.0049059	.0004917
Stddev	.000093	.000120	.0006771	.0000801	.0004054	.0002472	.0001781
%RSD	11.29513	29.46630	90.11051	193.6411	165.0399	5.039437	36.21398
#1	-.000929	-.000425	.0013679	.0001335	.0002267	.0051552	.0006973
#2	-.000772	-.000281	.0000268	-.000012	.0006601	.0046608	.0003938
#3	-.000765	-.000520	.0008594	.000003	-.000150	.0049018	.0003841
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0004125	-.000381	-.002056	-.000869	-.012356	.0003758	.0003077
Stddev	.0002660	.000328	.000371	.000088	.000605	.0001209	.0006642
%RSD	64.48458	85.92191	18.03049	10.16158	4.895197	32.16349	215.8602
#1	.0003734	-.000709	-.001713	-.000811	-.013054	.0003075	-.000379
#2	.0001682	-.000382	-.002007	-.000971	-.012040	.0005154	.000354
#3	.0006959	-.000053	-.002449	-.000826	-.011975	.0003046	.000947
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0187136	-.001014	.0029014	.0006267	.0005433	.0060573	.0003077
Stddev	.0028014	.000092	.0005697	.0001211	.0002148	.0006003	.0000138
%RSD	14.96986	9.106698	19.63360	19.32690	39.52991	9.909699	4.472320
#1	.0165072	-.001071	.0022437	.0006578	.0007446	.0061465	.0003177
#2	.0218654	-.000907	.0032390	.0004931	.0005682	.0066079	.0002920
#3	.0177683	-.001063	.0032216	.0007293	.0003172	.0054174	.0003135

Sample Name: PB125921BL Acquired: 01/08/2020 12:40:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1058) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS921 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	.0004779	.0143104	-.001151
Stddev	.0001374	.0013655	.000260
%RSD	28.75628	9.542020	22.57798

#1	.0003315	.0133852	-.001185
#2	.0006041	.0158787	-.000876
#3	.0004982	.0136673	-.001392

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1191.733	2421.683	31405.37	6558.029	2690.604
Stddev	6.316	1.147	127.78	17.955	.799
%RSD	.5299630	.0473486	.4068730	.2737822	.0297013

#1	1188.491	2422.050	31261.87	6561.377	2690.927
#2	1199.011	2422.600	31506.84	6538.637	2691.191
#3	1187.696	2420.397	31447.39	6574.075	2689.693

Sample Name: PB125921BS Acquired: 01/08/2020 12:45:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1058) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS921 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0004094	.0018556	.0055460	.0060447	.0159823	.0405590	1.471169
Stddev	.0001376	.0000816	.0002934	.0002448	.0000061	.0003862	.003206
%RSD	33.60536	4.398212	5.289784	4.048993	.0383858	.9522687	.2178942

#1	.0002573	.0018680	.0056852	.0063031	.0159858	.0402806	1.467686
#2	.0005252	.0017686	.0057438	.0060147	.0159753	.0409999	1.471826
#3	.0004456	.0019304	.0052089	.0058163	.0159859	.0403965	1.473995

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0434374	.0351568	.8350090	.0038954	.0976402	.0161207	.0090784
Stddev	.0003482	.0001074	.0018405	.0000834	.0001663	.0005200	.0002829
%RSD	.8015515	.3055719	.2204171	2.141184	.1702841	3.225890	3.116315

#1	.0430799	.0351964	.8330669	.0038492	.0977390	.0166847	.0092891
#2	.0437755	.0350352	.8352327	.0038453	.0974483	.0156603	.0087568
#3	.0434568	.0352388	.8367275	.0039917	.0977334	.0160169	.0091892

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0265733	.1447453	.0434279	.0097163	.0556351	.0130909	.0510049
Stddev	.0006203	.0004720	.0003867	.0001714	.0012926	.0000901	.0020123
%RSD	2.334370	.3261165	.8905071	1.764205	2.323361	.6880029	3.945288

#1	.0259094	.1443575	.0430148	.0095533	.0562230	.0131577	.0493853
#2	.0271382	.1446076	.0437813	.0097007	.0565293	.0131266	.0503717
#3	.0266722	.1452709	.0434875	.0098951	.0541531	.0129885	.0532576

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.2385556	-.000048	.0125876	.0132651	.0060751	.0946920	.0012816
Stddev	.0010958	.000027	.0001242	.0003075	.0001439	.0008626	.0000757
%RSD	.4593358	56.28435	.9866252	2.318014	2.368289	.9109600	5.904170

#1	.2383532	-.000037	.0124498	.0135565	.0059344	.0937615	.0011946
#2	.2397385	-.000078	.0126223	.0132952	.0062219	.0948493	.0013323
#3	.2375752	-.000028	.0126908	.0129438	.0060689	.0954650	.0013179

Sample Name: PB125921BS Acquired: 01/08/2020 12:45:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1058) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS921 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	.1119815	.1248021	2.571905
Stddev	.0010612	.0008631	.011046
%RSD	.9476861	.6915506	.4294885

#1	.1125785	.1245903	2.583412
#2	.1107562	.1240646	2.561386
#3	.1126098	.1257513	2.570918

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1192.415	2426.943	31243.26	6584.386	2723.271
Stddev	5.858	1.039	179.48	18.335	5.790
%RSD	.4912650	.0428314	.5744612	.2784597	.2125968

#1	1187.993	2428.126	31127.90	6589.979	2729.935
#2	1190.193	2426.526	31151.84	6563.906	2719.473
#3	1199.058	2426.177	31450.05	6599.274	2720.405

Sample Name: PB125939BL Acquired: 01/08/2020 12:55:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1059) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: PBW939 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.000353	-.000919	.0004034	.0010064	.0006495	.0051992	.0035867
Stddev	.000043	.000068	.0005803	.0000952	.0000397	.0005157	.0022574
%RSD	12.18901	7.420615	143.8547	9.458989	6.118043	9.919264	62.93760

#1	-.000401	-.000906	.0000936	.0010863	.0006036	.0052498	.0039122
#2	-.000318	-.000859	.0010728	.0010319	.0006702	.0046600	.0011842
#3	-.000340	-.000993	.0000437	.0009011	.0006745	.0056877	.0056636

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.000907	-.000462	.0000470	-.000037	.0002367	.0046833	.0001925
Stddev	.000240	.000123	.0004660	.000052	.0000978	.0001429	.0002048
%RSD	26.52334	26.51209	992.2675	139.8965	41.32674	3.052048	106.3934

#1	-.000631	-.000321	.0002830	-.000085	.0001885	.0045363	-.000027
#2	-.001013	-.000531	.0003477	-.000044	.0003493	.0048218	.000225
#3	-.001076	-.000535	-.000490	.000018	.0001724	.0046918	.000379

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0007075	-.000372	-.001974	-.000752	-.011294	.0002223	.0002677
Stddev	.0003440	.000121	.000155	.000040	.000296	.0000920	.0003631
%RSD	48.62093	32.55721	7.836005	5.288223	2.621492	41.39909	135.6539

#1	.0003136	-.000245	-.001960	-.000776	-.011008	.0002000	.0006753
#2	.0008597	-.000386	-.002135	-.000706	-.011275	.0001434	-.000021
#3	.0009491	-.000486	-.001827	-.000774	-.011599	.0003234	.000149

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0164283	-.000949	.0021185	.0006158	.0004747	.0058679	.0001954
Stddev	.0018642	.000088	.0001617	.0003312	.0000257	.0001880	.0000631
%RSD	11.34754	9.290629	7.632774	53.79042	5.408455	3.203325	32.30821

#1	.0160402	-.000903	.0023027	.0007729	.0004493	.0058733	.0002673
#2	.0184560	-.001051	.0019999	.0002352	.0004740	.0060531	.0001700
#3	.0147887	-.000893	.0020530	.0008392	.0005006	.0056773	.0001489

Sample Name: PB125939BL Acquired: 01/08/2020 12:55:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1059) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW939 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	-.000019	.0119372	-.001976
Stddev	.000464	.0010940	.000358
%RSD	2447.305	9.164220	18.09259

#1	-.000379	.0117004	-.001649
#2	-.000183	.0109810	-.001922
#3	.000505	.0131301	-.002357

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1184.101	2400.890	31228.66	6537.301	2670.205
Stddev	6.676	1.971	155.46	5.323	1.812
%RSD	.5638172	.0821143	.4978230	.0814195	.0678684

#1	1184.631	2399.187	31061.56	6536.086	2670.463
#2	1190.496	2403.050	31369.01	6543.127	2671.874
#3	1177.175	2400.433	31255.40	6532.692	2668.278

Sample Name: PB125939BS Acquired: 01/08/2020 13:00:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1059) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: LCS939 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0005263	.0017556	.0058039	.0059696	.0163808	.0407209	1.495278
Stddev	.0000917	.0000583	.0003611	.0000834	.0001228	.0003498	.001850
%RSD	17.42792	3.318313	6.221517	1.396488	.7496966	.8590223	.1237207

#1	.0005134	.0017718	.0059122	.0058799	.0163868	.0407663	1.497414
#2	.0004417	.0016910	.0060983	.0060448	.0162551	.0403506	1.494237
#3	.0006238	.0018041	.0054010	.0059841	.0165005	.0410458	1.494183

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0441429	.0360003	.8461214	.0039792	.0996655	.0160124	.0092444
Stddev	.0008234	.0003755	.0023680	.0000187	.0001825	.0003348	.0001583
%RSD	1.865415	1.043010	.2798688	.4698821	.1831283	2.090615	1.712829

#1	.0450859	.0363210	.8459091	.0040008	.0998443	.0158802	.0092130
#2	.0437767	.0355873	.8438667	.0039694	.0994795	.0163931	.0094161
#3	.0435661	.0360927	.8485884	.0039675	.0996727	.0157639	.0091041

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0270372	.1457929	.0444306	.0100161	.0558529	.0130692	.0526700
Stddev	.0003122	.0012733	.0000423	.0001540	.0017437	.0000545	.0009342
%RSD	1.154695	.8733836	.0951714	1.537431	3.121978	.4169195	1.773599

#1	.0273307	.1467427	.0443834	.0099745	.0550374	.0131048	.0527577
#2	.0267092	.1443460	.0444650	.0098873	.0546662	.0130064	.0516951
#3	.0270716	.1462899	.0444434	.0101867	.0578549	.0130962	.0535573

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.2374561	-.000064	.0120206	.0133866	.0061001	.0956605	.0012733
Stddev	.0006274	.000101	.0003595	.0000967	.0000540	.0008564	.0000689
%RSD	.2642064	157.7594	2.990858	.7219684	.8857896	.8952504	5.410584

#1	.2372972	.000023	.0116188	.0134172	.0061379	.0950950	.0011982
#2	.2381476	-.000040	.0123120	.0132783	.0060382	.0966458	.0013336
#3	.2369234	-.000175	.0121310	.0134641	.0061243	.0952408	.0012882

Sample Name: PB125939BS Acquired: 01/08/2020 13:00:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1059) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS939 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	.1153509	.1252416	2.638854
Stddev	.0002603	.0017388	.007830
%RSD	.2256446	1.388358	.2967121

#1	.1155463	.1263462	2.647686
#2	.1154511	.1232373	2.636111
#3	.1150554	.1261413	2.632764

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1183.415	2407.607	31109.23	6612.411	2701.163
Stddev	1.551	1.162	44.65	20.638	10.265
%RSD	.1310642	.0482677	.1435275	.3121082	.3800077

#1	1184.426	2406.732	31137.24	6623.035	2708.723
#2	1184.190	2408.926	31132.72	6588.625	2705.289
#3	1181.629	2407.162	31057.74	6625.572	2689.477

Sample Name: PB125904BL Acquired: 01/08/2020 13:04:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1059) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS904 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.000357	-.000826	.0001898	.0008402	.0006787	.0045800	.0053137
Stddev	.000067	.000104	.0001030	.0000369	.0000295	.0004784	.0005702
%RSD	18.69127	12.65230	54.25332	4.387647	4.350821	10.44567	10.73130
#1	-.000300	-.000946	.0003080	.0008343	.0006888	.0040304	.0059099
#2	-.000342	-.000765	.0001200	.0008796	.0007019	.0048064	.0052577
#3	-.000431	-.000766	.0001413	.0008066	.0006455	.0049032	.0047736
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.000961	-.000450	.0009901	.0000893	.0000082	.0048531	.0006145
Stddev	.000294	.000093	.0006702	.0000418	.0001999	.0006297	.0004111
%RSD	30.62388	20.57879	67.68385	46.80193	2428.436	12.97433	66.90210
#1	-.001126	-.000355	.0014888	.0000991	-.000172	.0047145	.0003627
#2	-.000621	-.000457	.0002283	.0000435	-.000026	.0043042	.0003920
#3	-.001135	-.000540	.0012533	.0001254	.000223	.0055405	.0010890
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0003460	-.000440	-.001719	-.000777	-.012496	-.000018	-.000445
Stddev	.0002148	.000256	.000092	.000191	.001356	.000334	.000694
%RSD	62.07436	58.23737	5.352406	24.61048	10.85208	1878.634	155.8225
#1	.0001794	-.000435	-.001663	-.000849	-.013674	.000284	-.000339
#2	.0002702	-.000186	-.001669	-.000560	-.011014	-.000377	.000189
#3	.0005884	-.000699	-.001825	-.000922	-.012800	.000040	-.001186
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0189269	-.000910	.0010954	.0006277	.0003267	.0053891	.0002696
Stddev	.0007171	.000084	.0001653	.0000768	.0000300	.0002957	.0001240
%RSD	3.788665	9.233889	15.08805	12.22854	9.186086	5.486720	45.99823
#1	.0181252	-.000815	.0011282	.0007133	.0002952	.0056980	.0001957
#2	.0191486	-.000975	.0009162	.0006048	.0003298	.0053606	.0004127
#3	.0195070	-.000940	.0012419	.0005650	.0003550	.0051086	.0002003

Sample Name: PB125904BL Acquired: 01/08/2020 13:04:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1059) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: PBS904 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	.0002230	.0124089	-.001347
Stddev	.0006060	.0002622	.000727
%RSD	271.7895	2.113340	53.95790

#1	.0002061	.0121814	-.000847
#2	.0008373	.0126957	-.002181
#3	-.000374	.0123495	-.001013

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1184.000	2410.544	31203.76	6553.604	2675.715
Stddev	5.514	2.674	168.46	13.792	7.663
%RSD	.4657432	.1109195	.5398802	.2104516	.2863895

#1	1181.477	2409.012	31039.38	6548.895	2669.010
#2	1190.325	2413.632	31376.03	6569.134	2684.068
#3	1180.199	2408.989	31195.87	6542.783	2674.068

Sample Name: PB125904BS Acquired: 01/08/2020 13:08:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1059) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS904 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0004350	.0018436	.0056900	.0060692	.0158900	.0400246	1.477255
Stddev	.0001772	.0000292	.0002795	.0001212	.0001417	.0001323	.002346
%RSD	40.73819	1.586540	4.911387	1.997137	.8919263	.3306476	.1588335
#1	.0006009	.0018101	.0055153	.0061919	.0159203	.0398789	1.474814
#2	.0002483	.0018563	.0055423	.0060660	.0157356	.0401373	1.477459
#3	.0004559	.0018643	.0060123	.0059496	.0160141	.0400575	1.479493
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0442830	.0352571	.8382935	.0039805	.0980790	.0160608	.0094848
Stddev	.0003065	.0001760	.0045537	.0000641	.0001620	.0001227	.0000104
%RSD	.6921524	.4990742	.5432138	1.610444	.1651517	.7638512	.1095580
#1	.0440986	.0351519	.8346811	.0039122	.0982650	.0161860	.0094836
#2	.0446368	.0354603	.8367907	.0040394	.0979691	.0159408	.0094958
#3	.0441136	.0351593	.8434087	.0039899	.0980028	.0160555	.0094751
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0269985	.1450943	.0435001	.0098844	.0557047	.0131631	.0511245
Stddev	.0003781	.0005229	.0000531	.0001452	.0015114	.0004157	.0011941
%RSD	1.400324	.3604038	.1221160	1.468676	2.713184	3.158241	2.335636
#1	.0266385	.1447356	.0434522	.0097715	.0539837	.0127541	.0522240
#2	.0273924	.1448530	.0434909	.0100481	.0563139	.0131500	.0512953
#3	.0269646	.1456943	.0435572	.0098334	.0568163	.0135853	.0498542
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.2366390	-.000133	.0112337	.0131368	.0059500	.0945308	.0012591
Stddev	.0011807	.000105	.0002140	.0000543	.0001145	.0008280	.0001523
%RSD	.4989388	78.83853	1.904606	.4132402	1.923521	.8759432	12.09927
#1	.2353111	-.000045	.0114655	.0130790	.0058888	.0935822	.0010844
#2	.2370356	-.000248	.0110438	.0131446	.0058792	.0949015	.0013281
#3	.2375703	-.000105	.0111917	.0131867	.0060821	.0951087	.0013646

Sample Name: PB125904BS Acquired: 01/08/2020 13:08:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1059) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: LCS904 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	.1144044	.1245354	2.601952
Stddev	.0003997	.0008771	.011821
%RSD	.3493499	.7042852	.4543188

#1	.1142329	.1255479	2.615601
#2	.1141192	.1240491	2.595064
#3	.1148612	.1240092	2.595190

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1178.737	2419.550	31197.27	6576.725	2713.250
Stddev	4.440	3.600	260.91	19.371	4.331
%RSD	.3766892	.1487785	.8363247	.2945383	.1596125

#1	1175.504	2418.414	30964.02	6567.936	2708.267
#2	1176.906	2423.580	31148.76	6598.933	2716.106
#3	1183.799	2416.654	31479.03	6563.307	2715.377

Sample Name: K6451-02 Acquired: 01/08/2020 13:16:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1059) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: MA5482 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0116542	-.003584	.0150017	-.001778	.0011245	18.22932	6.142287
Stddev	.0004596	.000143	.0001799	.000368	.0002538	.01735	.003352
%RSD	3.944027	3.981181	1.199326	20.72397	22.57014	.0951857	.0545770

#1	.0121285	-.003738	.0152095	-.001801	.0008334	18.21493	6.139119
#2	.0116232	-.003457	.0148994	-.002134	.0012993	18.22445	6.141944
#3	.0112108	-.003557	.0148963	-.001398	.0012409	18.24859	6.145797

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0337260	.0144736	2.122259	.1499009	.2004789	.0488900	12.03906
Stddev	.0004809	.0002798	.005688	.0003923	.0006348	.0004014	.01794
%RSD	1.425759	1.933290	.2680127	.2617258	.3166607	.8211054	.1490299

#1	.0339603	.0145631	2.115736	.1494849	.2012088	.0489686	12.04083
#2	.0331729	.0141600	2.126182	.1499536	.2001721	.0484551	12.05605
#3	.0340448	.0146978	2.124859	.1502642	.2000557	.0492463	12.02030

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.818119	1.726597	.3287832	-.009766	.0079989	.0743607	.2449181
Stddev	.003898	.004413	.0002556	.000049	.0008788	.0000129	.0033437
%RSD	.1020885	.2555864	.0777378	.5025265	10.98633	.0174051	1.365236

#1	3.816816	1.722364	.3290747	-.009823	.0070844	.0743513	.2472837
#2	3.815039	1.731170	.3285976	-.009735	.0080753	.0743755	.2463780
#3	3.822501	1.726258	.3286773	-.009740	.0088369	.0743554	.2410927

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.472477	.1983531	-.343014	.0062795	.0994975	.6418188	-.003718
Stddev	.012999	.0002371	.001849	.0003184	.0002432	.0015554	.000349
%RSD	.5257495	.1195282	.5389966	5.070761	.2444012	.2423435	9.399234

#1	2.473088	.1985919	-.341329	.0059361	.0997641	.6400275	-.003327
#2	2.459183	.1981178	-.342721	.0065650	.0994406	.6428276	-.004002
#3	2.485160	.1983495	-.344992	.0063373	.0992879	.6426011	-.003824

Sample Name: K6451-02 Acquired: 01/08/2020 13:16:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1059) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: MA5482 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	10.70130	.4118281	1.996320
Stddev	.03509	.0020999	.009405
%RSD	.3278874	.5099017	.4711219

#1	10.66144	.4121142	1.987542
#2	10.71496	.4137704	2.006247
#3	10.72751	.4095998	1.995171

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1317.551	2686.603	34900.44	7480.231	2545.574
Stddev	8.295	3.882	138.29	20.473	5.556
%RSD	.6295765	.1444770	.3962487	.2736956	.2182585

#1	1308.855	2684.672	34774.68	7497.054	2540.107
#2	1318.422	2691.071	34878.10	7486.203	2551.215
#3	1325.376	2684.066	35048.54	7457.436	2545.402

Sample Name: K6451-01 Acquired: 01/08/2020 13:12:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1059) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: MA5481 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0026925	-.002141	.3203164	-.000082	.0018348	6.812591	4.543464
Stddev	.0000776	.000145	.0011658	.000131	.0000373	.014761	.016094
%RSD	2.882892	6.787412	.3639637	159.1223	2.033736	.2166656	.3542235

#1	.0026118	-.002188	.3216232	-.000099	.0018718	6.816997	4.537097
#2	.0027667	-.001978	.3199426	.000056	.0017972	6.796130	4.531527
#3	.0026990	-.002256	.3193832	-.000204	.0018354	6.824648	4.561767

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0332698	.0125519	4.943912	.0645872	.0756896	.1038810	6.282161
Stddev	.0009533	.0001080	.007357	.0001131	.0007760	.0001949	.009388
%RSD	2.865477	.8607034	.1488034	.1751816	1.025210	.1876232	.1494448

#1	.0338957	.0124304	4.945426	.0645177	.0748355	.1040187	6.292996
#2	.0321726	.0126372	4.935916	.0647177	.0758822	.1039662	6.276439
#3	.0337411	.0125880	4.950393	.0645260	.0763512	.1036580	6.277047

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.669666	.5877372	.1333810	-.005246	.0059197	.0331095	.2886098
Stddev	.004287	.0018227	.0001941	.000145	.0015984	.0001673	.0011592
%RSD	.2567369	.3101294	.1454823	2.764796	27.00130	.5053213	.4016342

#1	1.670314	.5891996	.1331727	-.005116	.0042317	.0332219	.2897981
#2	1.665093	.5883170	.1334136	-.005403	.0061174	.0329172	.2874822
#3	1.673592	.5856951	.1335567	-.005218	.0074100	.0331893	.2885490

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.6632801	.2133618	-.174447	.0155931	.2677428	.5158207	.0042138
Stddev	.0030027	.0006196	.000765	.0004148	.0009508	.0041748	.0001050
%RSD	.4527018	.2904071	.4386513	2.660421	.3551056	.8093497	2.492362

#1	.6623372	.2132773	-.174945	.0153909	.2668504	.5134135	.0042244
#2	.6608621	.2140193	-.174831	.0160703	.2687428	.5134072	.0041039
#3	.6666411	.2127887	-.173566	.0153182	.2676353	.5206413	.0043131

Sample Name: K6451-01 Acquired: 01/08/2020 13:12:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1059) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: MA5481 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	3.202634	.1703863	12.33597
Stddev	.008430	.0007286	.00631
%RSD	.2632221	.4276008	.0511163

#1	3.206561	.1702134	12.33116
#2	3.192956	.1697597	12.34311
#3	3.208383	.1711857	12.33364

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1348.141	2731.874	35650.75	7551.068	2661.924
Stddev	2.149	2.088	20.44	10.042	1.889
%RSD	.1594005	.0764357	.0573273	.1329937	.0709667

#1	1346.715	2733.116	35631.32	7561.778	2660.592
#2	1350.613	2733.042	35648.87	7549.562	2661.095
#3	1347.096	2729.463	35672.06	7541.863	2664.086

Sample Name: K6445-02 Acquired: 01/08/2020 13:53:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1059) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: X2K05D Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0007834	.0017837	.0060274	.0051842	.0156132	.0376062	1.327675
Stddev	.0001407	.0001633	.0005043	.0000590	.0002459	.0005213	.004023
%RSD	17.95632	9.153196	8.367293	1.137759	1.575019	1.386065	.3030318
#1	.0007054	.0016522	.0060897	.0051651	.0156113	.0370080	1.331725
#2	.0009458	.0019664	.0054948	.0052503	.0153682	.0379632	1.323679
#3	.0006991	.0017323	.0064977	.0051370	.0158600	.0378472	1.327621
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0458102	.0571918	.8326508	.0085600	.0652242	.0160521	2.847790
Stddev	.0004133	.0003285	.0020381	.0001214	.0002807	.0002466	.003909
%RSD	.9022150	.5744009	.2447767	1.418263	.4303861	1.536101	.1372513
#1	.0453638	.0573264	.8344152	.0085335	.0654092	.0161560	2.852281
#2	.0458870	.0574315	.8331175	.0086925	.0649012	.0162296	2.845158
#3	.0461797	.0568173	.8304198	.0084541	.0653621	.0157705	2.845931
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0298327	.1303674	.0416174	.0124166	.0408100	.0317819	.0526323
Stddev	.0001640	.0006803	.0001954	.0001165	.0020484	.0001589	.0005241
%RSD	.5496124	.5218262	.4695715	.9383687	5.019259	.5000058	.9957287
#1	.0299954	.1310156	.0418355	.0125329	.0388745	.0317458	.0532330
#2	.0298351	.1304276	.0415586	.0124171	.0406005	.0319557	.0522683
#3	.0296675	.1296591	.0414582	.0122999	.0429551	.0316441	.0523957
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.2327693	-.000850	-.081240	.0005609	.0006132	.0050224	.0004007
Stddev	.0005040	.000041	.000444	.0002950	.0000642	.0004084	.0000546
%RSD	.2165283	4.832103	.5465010	52.59343	10.46890	8.132671	13.61770
#1	.2325879	-.000806	-.080864	.0004632	.0005675	.0049834	.0004236
#2	.2323811	-.000886	-.081730	.0008924	.0005854	.0054489	.0003384
#3	.2333389	-.000858	-.081126	.0003272	.0006865	.0046348	.0004401

Sample Name: K6445-02 Acquired: 01/08/2020 13:53:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1059) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: X2K05D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	-.000357	.0110132	.1471064
Stddev	.000112	.0018483	.0008969
%RSD	31.31312	16.78227	.6097051

#1	-.000327	.0094356	.1481419
#2	-.000481	.0105572	.1465739
#3	-.000263	.0130468	.1466033

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1194.436	2417.304	31457.46	6620.220	2691.323
Stddev	5.752	7.954	109.68	17.159	7.626
%RSD	.4815811	.3290638	.3486753	.2591971	.2833630

#1	1194.213	2408.789	31337.25	6626.475	2682.698
#2	1200.296	2418.581	31483.01	6600.810	2694.095
#3	1188.798	2424.543	31552.11	6633.373	2697.175

Sample Name: K6445-01 Acquired: 01/08/2020 13:49:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1059) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: X2K05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0007403	.0016878	.0063688	.0050670	.0157540	.0385511	1.352312
Stddev	.0000391	.0001598	.0004021	.0001354	.0002278	.0003290	.002823
%RSD	5.283582	9.468865	6.313764	2.672582	1.446221	.8533099	.2087394
#1	.0006952	.0016029	.0066134	.0049878	.0155428	.0388091	1.352983
#2	.0007609	.0015883	.0065882	.0049898	.0157237	.0381806	1.354738
#3	.0007648	.0018721	.0059047	.0052234	.0159954	.0386635	1.349214
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0464522	.0576301	.8503528	.0087126	.0659469	.0160480	2.907887
Stddev	.0002441	.0003752	.0021219	.0000854	.0002220	.0002109	.006928
%RSD	.5254659	.6510089	.2495260	.9800506	.3366927	1.314026	.2382437
#1	.0466184	.0578840	.8517224	.0086155	.0657942	.0161426	2.909221
#2	.0461719	.0571991	.8514273	.0087760	.0658448	.0158064	2.914051
#3	.0465661	.0578070	.8479086	.0087463	.0662016	.0161950	2.900389
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0310334	.1319070	.0421487	.0126255	.0429618	.0324863	.0547846
Stddev	.0004997	.0005578	.0004522	.0000325	.0014554	.0003263	.0018494
%RSD	1.610296	.4228973	1.072820	.2576000	3.387560	1.004499	3.375681
#1	.0306137	.1318395	.0426701	.0125880	.0444026	.0326692	.0529329
#2	.0315862	.1324956	.0418640	.0126421	.0429906	.0326802	.0566316
#3	.0309003	.1313861	.0419119	.0126463	.0414923	.0321096	.0547893
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.2371546	-.000989	-.082774	.0005007	.0004788	.0054604	.0002808
Stddev	.0022762	.000124	.000890	.0001695	.0000639	.0005622	.0001352
%RSD	.9597988	12.58888	1.074841	33.84491	13.33860	10.29549	48.12750
#1	.2382768	-.000972	-.083480	.0003474	.0005197	.0054059	.0001849
#2	.2386517	-.000873	-.081775	.0006826	.0005114	.0060478	.0004354
#3	.2345352	-.001121	-.083066	.0004720	.0004052	.0049274	.0002222

Sample Name: K6445-01 Acquired: 01/08/2020 13:49:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1059) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: X2K05 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	-.000070	.0100943	.1494394
Stddev	.000138	.0021610	.0007549
%RSD	196.5521	21.40852	.5051351

#1	-.000205	.0122955	.1502297
#2	.000072	.0100115	.1487258
#3	-.000079	.0079758	.1493626

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1189.575	2412.016	31228.21	6609.211	2696.079
Stddev	9.118	1.845	246.94	52.971	6.193
%RSD	.7664535	.0765047	.7907550	.8014693	.2296968

#1	1199.572	2410.225	31340.92	6574.860	2693.648
#2	1181.716	2413.912	30945.03	6582.558	2703.118
#3	1187.439	2411.912	31398.69	6670.214	2691.470

Sample Name: CCV013 Acquired: 01/08/2020 14:05:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1059) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: CCV013 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.2095401	.2498714	6.234240	.3257475	.6364194	34.67709	36.34612
Stddev	.0001829	.0001143	.004158	.0007633	.0011460	.20594	.02788
%RSD	.0872685	.0457425	.0667013	.2343337	.1800662	.5938679	.0767187

#1	.2097470	.2499663	6.237769	.3249225	.6364965	34.90871	36.37785
#2	.2094002	.2499035	6.229656	.3258915	.6352368	34.60790	36.33499
#3	.2094731	.2497445	6.235295	.3264286	.6375249	34.51466	36.32551

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.089880	8.751943	31.28515	2.748188	2.497016	3.125447	16.60309
Stddev	.009885	.006064	.03720	.002543	.000899	.009406	.01402
%RSD	.4729766	.0692828	.1189214	.0925387	.0359904	.3009380	.0844691

#1	2.097053	8.747730	31.32497	2.745716	2.498037	3.136307	16.61202
#2	2.078605	8.749205	31.25127	2.748050	2.496663	3.119915	16.58693
#3	2.093982	8.758892	31.27922	2.750796	2.496347	3.120119	16.61033

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	11.78951	5.882652	1.375276	.6478778	2.668540	.2904045	5.649128
Stddev	.01333	.006615	.001162	.0011527	.004329	.0011999	.008929
%RSD	.1130678	.1124458	.0844556	.1779160	.1622237	.4131726	.1580667

#1	11.77890	5.883744	1.376267	.6483781	2.672413	.2901204	5.640598
#2	11.78515	5.875560	1.373998	.6465595	2.669340	.2917209	5.648379
#3	11.80447	5.888653	1.375563	.6486958	2.663867	.2893722	5.658409

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.421737	.2151424	1.910013	2.926280	.1432956	2.221054	.4556453
Stddev	.007311	.0003642	.009428	.004520	.0005172	.009126	.0005218
%RSD	.2136490	.1692755	.4936141	.1544564	.3609572	.4109004	.1145139

#1	3.430146	.2149540	1.911947	2.931498	.1438929	2.227880	.4553996
#2	3.418175	.2149110	1.899768	2.923586	.1429963	2.210688	.4562446
#3	3.416891	.2155622	1.918324	2.923755	.1429977	2.224593	.4552918

Sample Name: CCV013 Acquired: 01/08/2020 14:05:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1059) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV013 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	2.817637	6.074527	64.04892
Stddev	.009446	.009790	.35704
%RSD	.3352563	.1611567	.5574463

#1	2.806906	6.081642	64.33935
#2	2.824696	6.078575	64.15712
#3	2.821309	6.063362	63.65030

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1004.516	2104.915	28727.68	6378.932	2206.614
Stddev	.813	4.905	69.20	18.062	3.224
%RSD	.0809046	.2330196	.2408955	.2831436	.1461139

#1	1003.901	2099.990	28730.68	6358.239	2203.004
#2	1005.438	2109.800	28657.03	6391.534	2209.207
#3	1004.211	2104.956	28795.34	6387.021	2207.631

Sample Name: CCB013 Acquired: 01/08/2020 14:09:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1059) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: CCB013 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.000464	-.000871	.0010886	.0009215	.0008017	.0058799	.0041641
Stddev	.000123	.000036	.0003850	.0000064	.0000324	.0008669	.0017401
%RSD	26.51214	4.099083	35.36656	.6964818	4.037607	14.74338	41.78892

#1	-.000442	-.000892	.0011522	.0009264	.0007708	.0067038	.0058467
#2	-.000353	-.000890	.0014378	.0009142	.0008354	.0049756	.0042739
#3	-.000596	-.000829	.0006758	.0009239	.0007989	.0059604	.0023717

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.000956	-.000098	.0015347	.0000430	.0003353	.0045317	.0010491
Stddev	.000334	.000222	.0006593	.0000526	.0000626	.0002419	.0003939
%RSD	34.92301	226.7208	42.95795	122.4649	18.68046	5.336854	37.54664

#1	-.000975	.000011	.0010256	.0000670	.0003413	.0042936	.0012820
#2	-.000613	.000048	.0012990	.0000793	.0003947	.0047771	.0005943
#3	-.001280	-.000353	.0022793	-.000017	.0002699	.0045244	.0012710

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0007057	-.000250	-.001973	-.000704	-.010671	.0001245	.0006370
Stddev	.0000914	.000335	.000212	.000058	.002000	.0001723	.0006137
%RSD	12.95252	134.0422	10.75958	8.287097	18.74677	138.4637	96.34072

#1	.0008113	-.000635	-.002216	-.000639	-.012961	.0001624	-.000021
#2	.0006514	-.000030	-.001821	-.000751	-.009265	.0002747	.001194
#3	.0006545	-.000084	-.001883	-.000723	-.009787	-.000064	.000738

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0202791	-.001041	.0075473	.0008443	.0004103	.0057260	.0004724
Stddev	.0017042	.000060	.0008584	.0002457	.0000739	.0003421	.0001353
%RSD	8.403943	5.746820	11.37358	29.10571	18.00087	5.974013	28.63246

#1	.0216715	-.001014	.0083805	.0010240	.0003699	.0055870	.0006214
#2	.0183786	-.000999	.0075955	.0005643	.0003654	.0054753	.0004387
#3	.0207872	-.001109	.0066658	.0009446	.0004955	.0061157	.0003572

Sample Name: CCB013 Acquired: 01/08/2020 14:09:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1059) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB013 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	.0001944	.0171118	.0004640
Stddev	.0003183	.0006390	.0006223
%RSD	163.7078	3.734020	134.1235

#1	.0002143	.0168338	.0011365
#2	-.000133	.0166590	.0003467
#3	.000502	.0178427	-.000091

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1187.961	2416.023	31293.97	6555.142	2683.395
Stddev	5.032	2.292	239.33	19.535	3.152
%RSD	.4235687	.0948601	.7647844	.2980165	.1174480

#1	1185.245	2417.664	31236.17	6532.993	2685.409
#2	1193.767	2417.001	31556.91	6562.521	2685.013
#3	1184.870	2413.405	31088.83	6569.914	2679.763