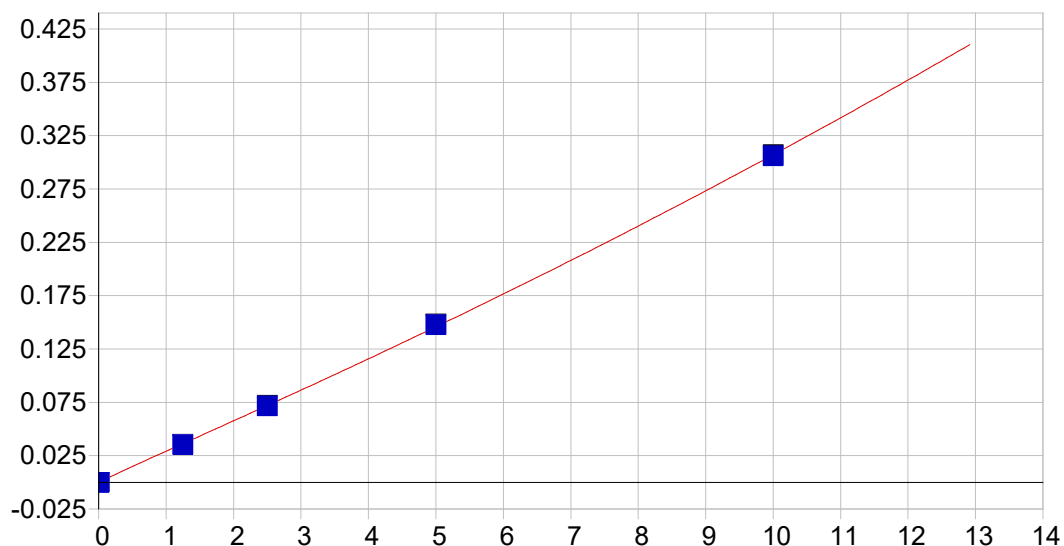




As 189.042 {479}

Date of Fit: 05/08/2020 14:42:04

Type of Fit: Full Fit

Weighting: 1/Conc

A0 (Offset): -0.000353

Re-Slope: 1.000000

A1 (Gain): 0.028797

Y-int: 0.000000

A2 (Curvature): 0.000746

n (Exponent): 0.940000

Correlation: 0.999920

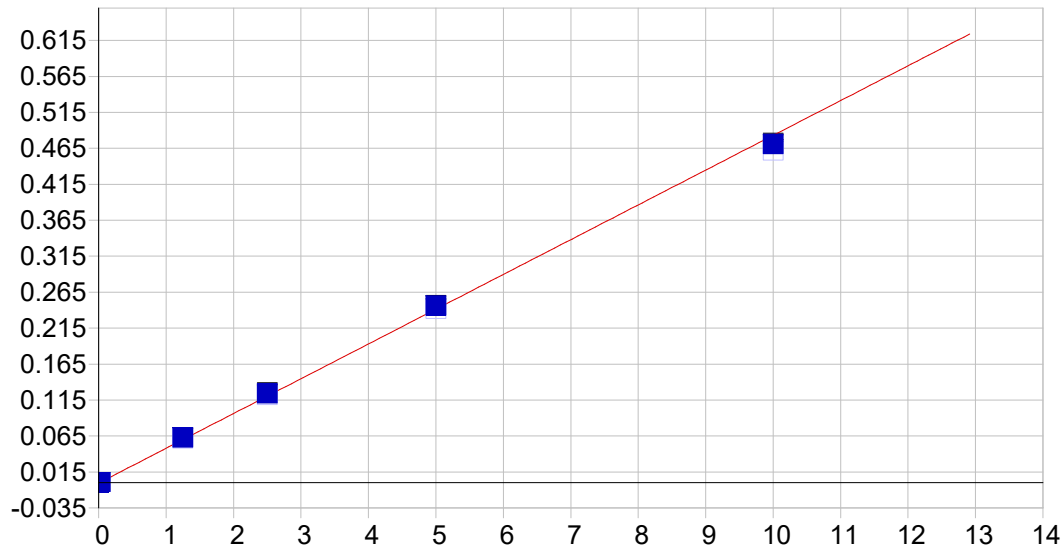
Status: Warning Positive Curvature

Std Error of Est: 0.000009

Predicted MDL: 0.006849

Predicted MQL: 0.022829

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00035	.000	1
S1	.01000	.01281	.003	28.1	.00013	.000	1
S2	1.2500	1.2192	-.031	-2.47	.03534	.000	1
S3	2.5000	2.4839	-.016	-.646	.07133	.001	1
S4	5.0000	5.0705	.070	1.41	.14757	.000	1
S5	10.000	9.9741	-.026	-.259	.30552	.001	1

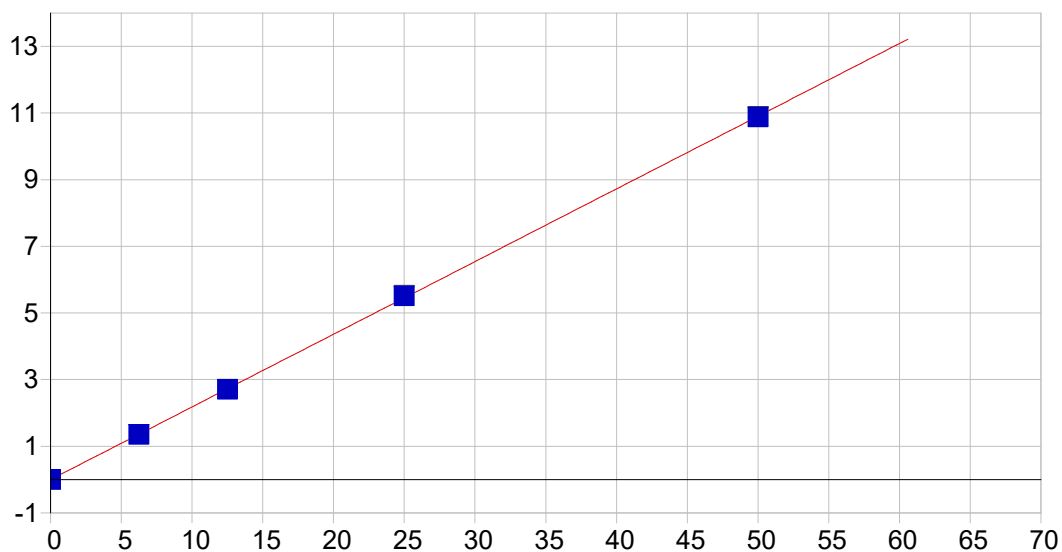


TI 190.856 {477}

Date of Fit: 05/08/2020 14:42:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000486 Re-Slope: 1.000000
 A1 (Gain): 0.048351 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999597 Status: OK.
 Std Error of Est: 0.000036
 Predicted MDL: 0.003760
 Predicted MQL: 0.012533

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00049	.000	1
S1	.02500	.02945	.004	17.8	.00089	.000	1
S2	1.2500	1.3098	.060	4.78	.06173	.000	1
S3	2.5000	2.5812	.081	3.25	.12209	.001	1
S4	5.0000	5.1033	.103	2.07	.24181	.000	1
S5	10.000	9.7514	-.249	-2.49	.46209	.001	1

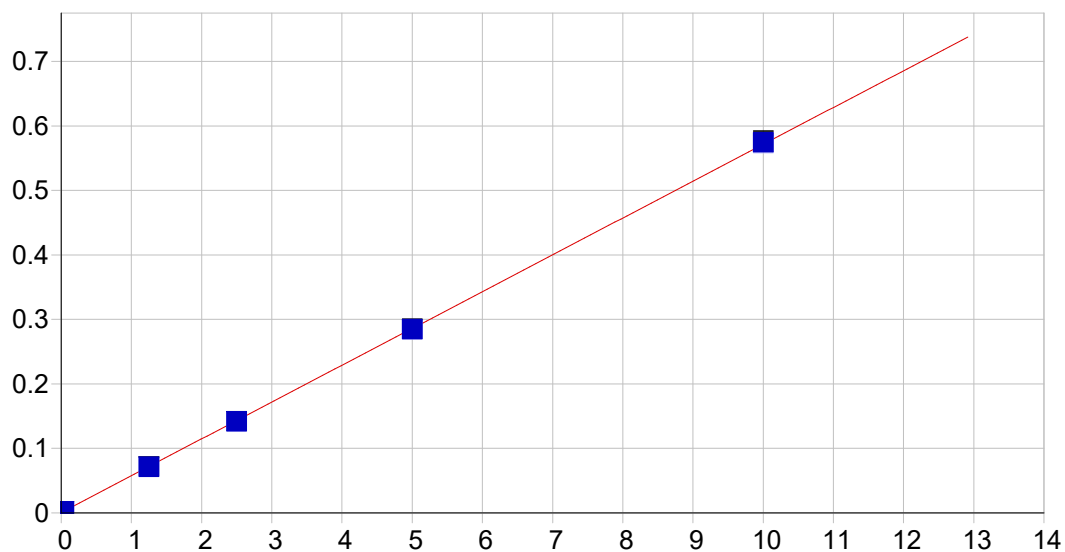


Pb 220.353 {453}

Date of Fit: 05/08/2020 14:42:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000171	Re-Slope:	1.000000
A1 (Gain):	0.218092	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999979	Status:	OK.
Std Error of Est:	0.000053		
Predicted MDL:	0.002099		
Predicted MQL:	0.006997		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00017	.000	1
S1	.01000	.00909	-.001	-9.12	.00181	.000	1
S2	6.2500	6.2066	-.043	-.695	1.3539	.004	1
S3	12.500	12.416	-.084	-.669	2.7086	.003	1
S4	25.000	25.261	.261	1.04	5.5107	.015	1
S5	50.000	49.867	-.133	-.265	10.879	.010	1

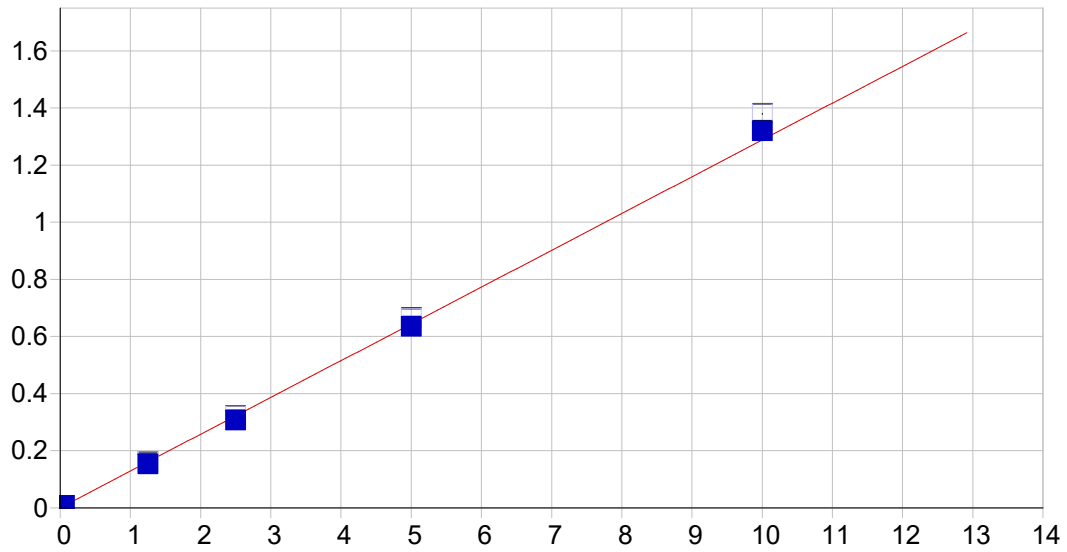


Se 196.090 {472}

Date of Fit: 05/08/2020 14:42:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000580 Re-Slope: 1.000000
 A1 (Gain): 0.057083 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.004776
 Predicted MQL: 0.015921

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00058	.000	1
S1	.03500	.03622	.001	3.50	.00265	.000	1
S2	1.2500	1.2403	-.010	-.773	.07119	.001	1
S3	2.5000	2.4728	-.027	-1.09	.14136	.000	1
S4	5.0000	4.9800	-.020	-.400	.28410	.000	1
S5	10.000	10.056	.056	.556	.57308	.002	1

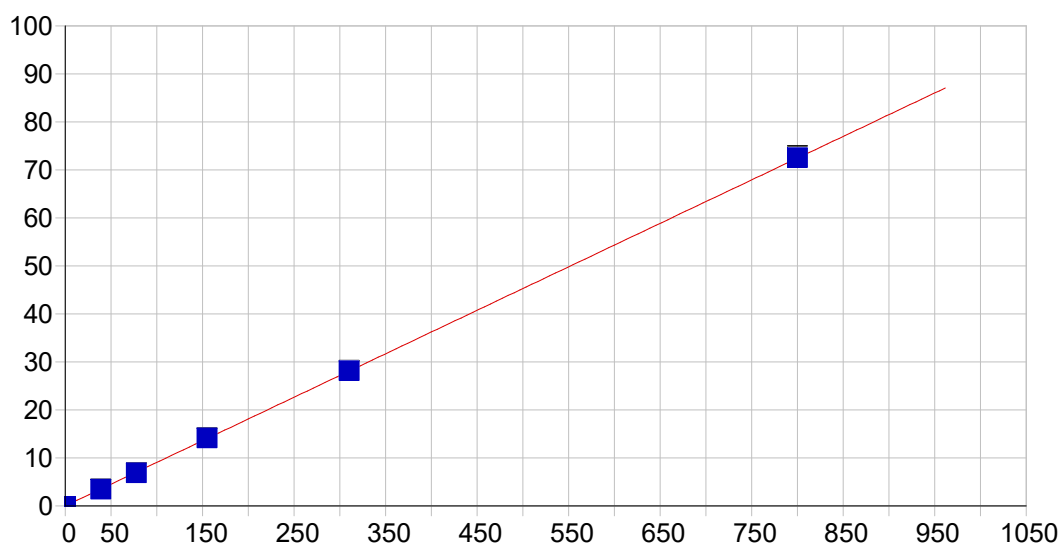


Sb 206.833 {463}

Date of Fit: 05/08/2020 14:42:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000370	Re-Slope:	1.000000
A1 (Gain):	0.128780	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999607	Status:	OK.
Std Error of Est:	0.000155		
Predicted MDL:	0.002403		
Predicted MQL:	0.008009		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00037	.000	1
S1	.06000	.06475	.005	7.91	.00871	.000	1
S2	1.2500	1.1896	-.060	-4.83	.16098	.001	1
S3	2.5000	2.3807	-.119	-4.77	.32178	.001	1
S4	5.0000	4.9272	-.073	-1.46	.66454	.002	1
S5	10.000	10.248	.248	2.48	1.3794	.002	1

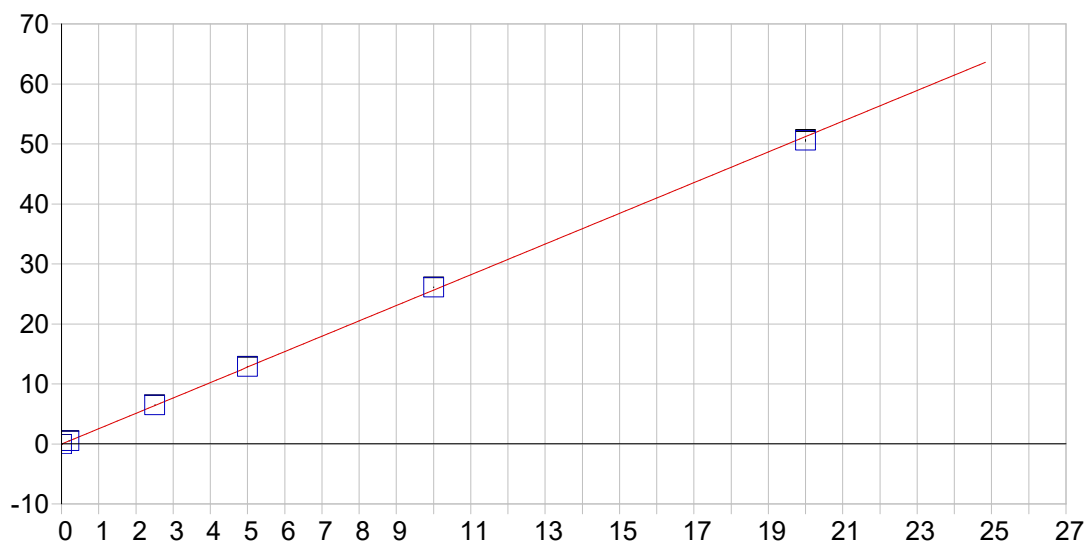


AI 396.152 { 85}

Date of Fit: 05/08/2020 14:42:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001848 Re-Slope: 1.000000
 A1 (Gain): 0.090562 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976 Status: OK.
 Std Error of Est: 0.000387
 Predicted MDL: 0.008128
 Predicted MQL: 0.027095

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00185	.001	1
S1	.20000	.21986	.020	9.93	.02207	.000	1
S2	38.750	38.072	-.678	-1.75	3.4568	.011	1
S3	77.500	75.672	-1.83	-2.36	6.8689	.043	1
S4	155.00	155.91	.908	.586	14.149	.014	1
S5	310.00	310.88	.877	.283	28.212	.059	1
S6	800.00	800.70	.702	.088	72.561	.392	1

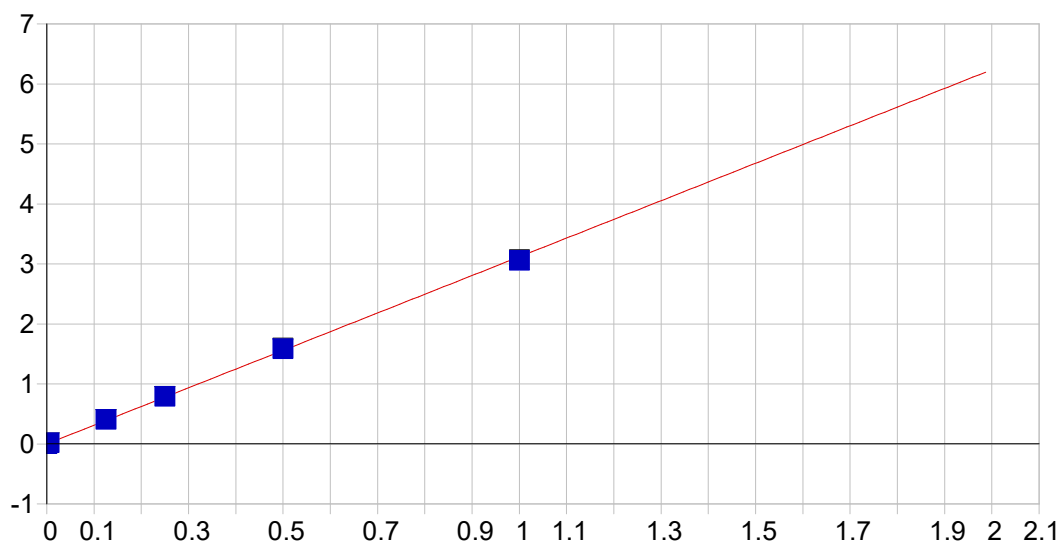


Ba 493.409 { 68}

Date of Fit: 05/08/2020 14:42:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.011361 Re-Slope: 1.000000
 A1 (Gain): 2.562295 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999898 Status: OK.
 Std Error of Est: 0.003888
 Predicted MDL: 0.000601
 Predicted MQL: 0.002005

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.01137	.001	1
S1	.20000	.19920	-.001	-.399	.49905	.001	1
S2	2.5000	2.5369	.037	1.48	6.4889	.011	1
S3	5.0000	5.0245	.025	.490	12.863	.061	1
S4	10.000	10.194	.194	1.94	26.109	.054	1
S5	20.000	19.745	-.255	-1.27	50.582	.143	1

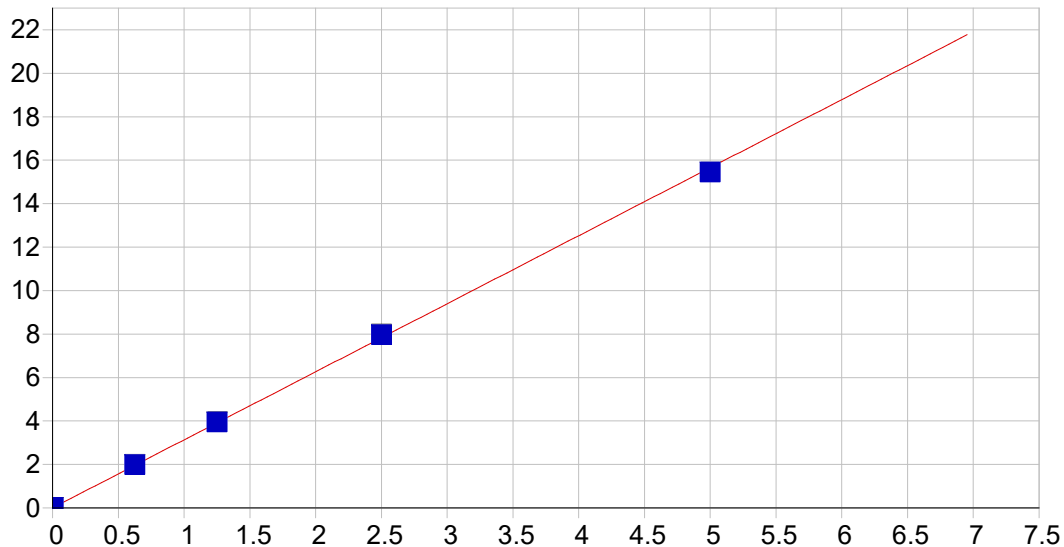


Be 234.861 {144}

Date of Fit: 05/08/2020 14:42:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000573	Re-Slope:	1.000000
A1 (Gain):	3.118730	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999764	Status:	OK.
Std Error of Est:	0.000254		
Predicted MDL:	0.000080		
Predicted MQL:	0.000268		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00058	.000	1
S1	.00500	.00582	.001	16.4	.01757	.000	1
S2	.12500	.13017	.005	4.13	.40409	.002	1
S3	.25000	.25384	.004	1.53	.78848	.003	1
S4	.50000	.50842	.008	1.68	1.5799	.012	1
S5	1.0000	.98176	-.018	-1.82	3.0509	.006	1

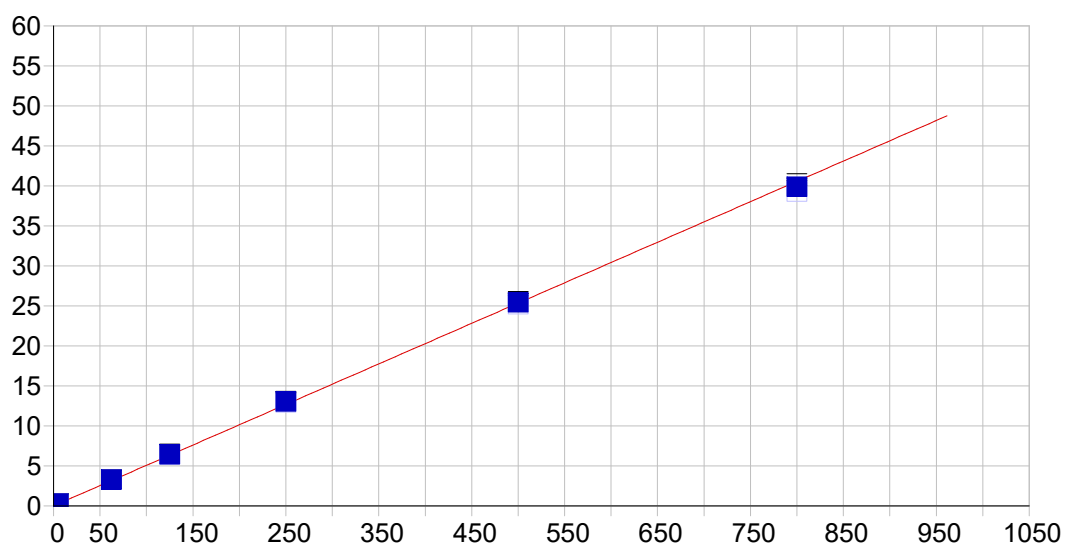


Cd 214.438 {457}

Date of Fit: 05/08/2020 14:42:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000527	Re-Slope:	1.000000
A1 (Gain):	3.131069	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999895	Status:	OK.
Std Error of Est:	0.000381		
Predicted MDL:	0.000103		
Predicted MQL:	0.000344		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00052	.000	1
S1	.00500	.00559	.001	11.8	.01804	.000	1
S2	.62500	.63591	.011	1.75	1.9946	.005	1
S3	1.2500	1.2624	.012	.993	3.9593	.006	1
S4	2.5000	2.5423	.042	1.69	7.9726	.018	1
S5	5.0000	4.9338	-.066	-1.32	15.473	.005	1

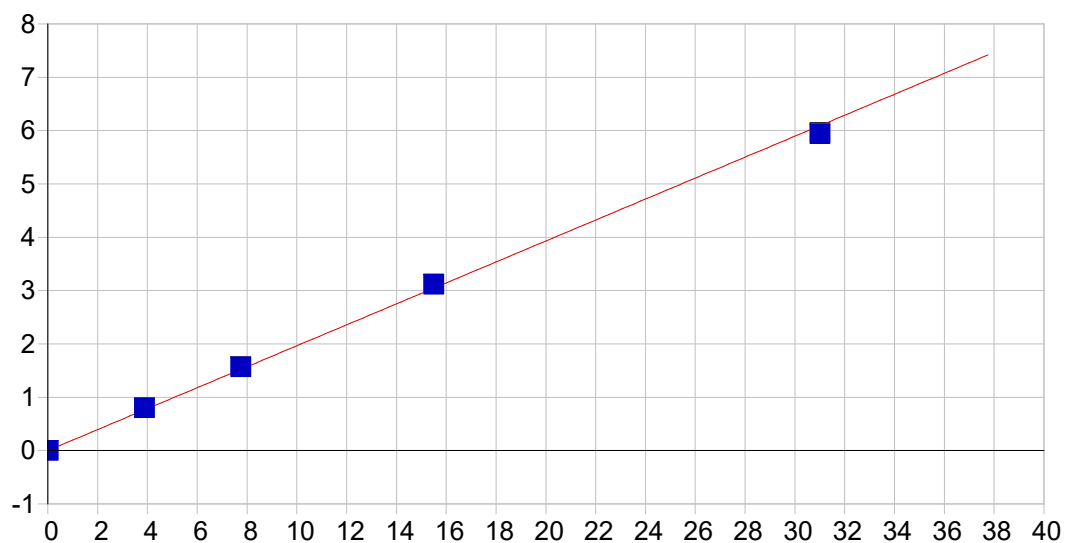


Ca 373.690 { 90}

Date of Fit: 05/08/2020 14:42:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002416 Re-Slope: 1.000000
 A1 (Gain): 0.050705 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999804 Status: OK.
 Std Error of Est: 0.003460
 Predicted MDL: 0.014259
 Predicted MQL: 0.047532

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00105	-.001	.000	.00236	.000	1
S1	5.0000	5.7078	.708	14.2	.29176	.001	1
S2	62.500	64.862	2.36	3.78	3.2629	.005	1
S3	125.00	127.21	2.21	1.77	6.3959	.021	1
S4	250.00	256.98	6.98	2.79	12.919	.034	1
S5	500.00	501.46	1.46	.291	25.202	.120	1
S6	800.00	786.20	-13.8	-1.73	39.262	.409	1

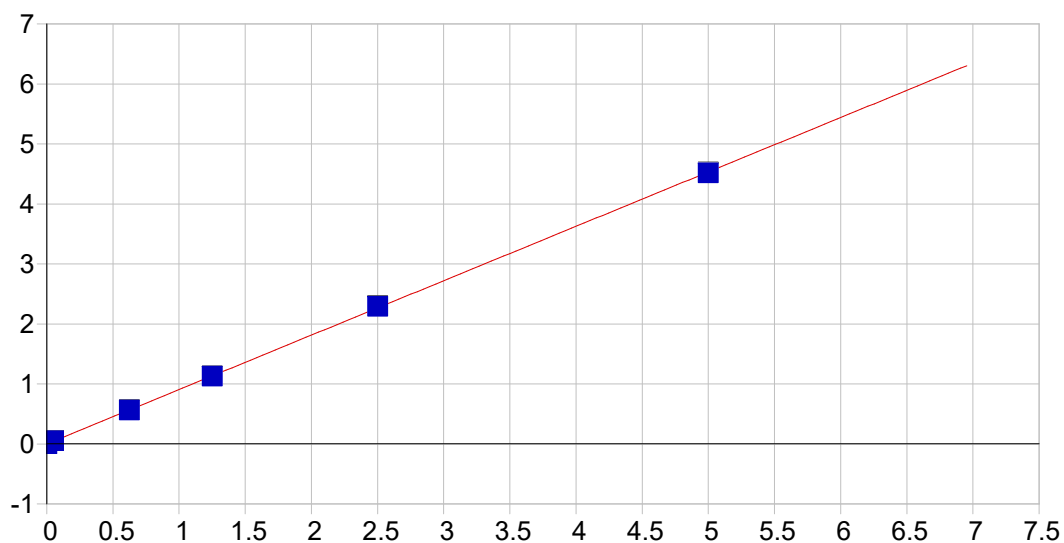


Cr 267.716 {126}

Date of Fit: 05/08/2020 14:42:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000020	Re-Slope:	1.000000
A1 (Gain):	0.196498	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999619	Status:	OK.
Std Error of Est:	0.000160		
Predicted MDL:	0.000554		
Predicted MQL:	0.001848		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.01000	.01182	.002	18.2	.00234	.000	1
S2	3.8750	4.0733	.198	5.12	.80137	.000	1
S3	7.7500	7.9809	.231	2.98	1.5702	.004	1
S4	15.500	15.844	.344	2.22	3.1172	.002	1
S5	31.000	30.224	-.776	-2.50	5.9467	.014	1

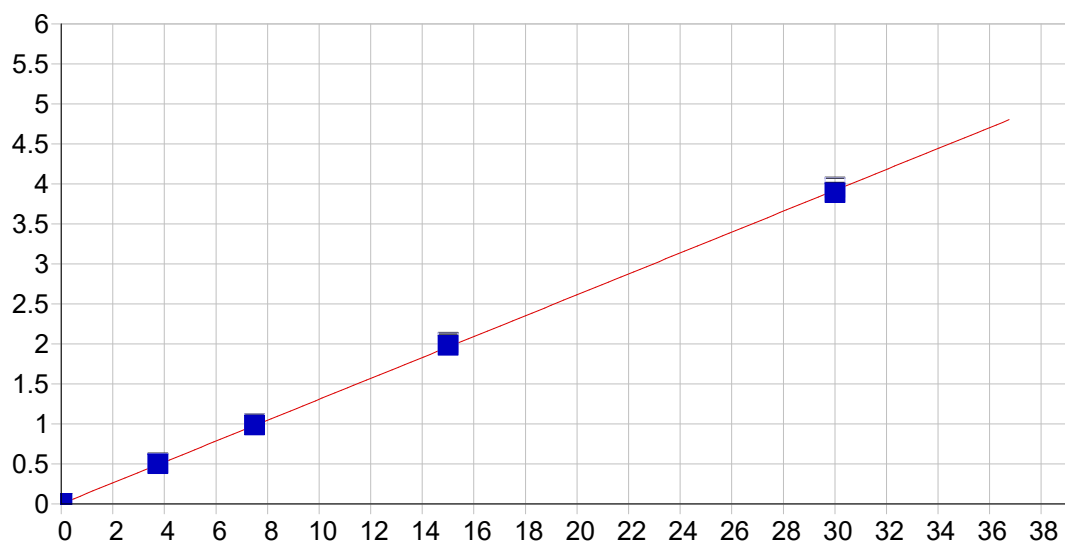


Co 228.616 {448}

Date of Fit: 05/08/2020 14:42:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000048 Re-Slope: 1.000000
 A1 (Gain): 0.906600 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999963 Status: OK.
 Std Error of Est: 0.000209
 Predicted MDL: 0.000338
 Predicted MQL: 0.001128

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00005	.000	1
S1	.05000	.05345	.003	6.90	.04857	.000	1
S2	.62500	.62097	-.004	-.645	.56382	.001	1
S3	1.2500	1.2420	-.008	-.643	1.1277	.001	1
S4	2.5000	2.5281	.028	1.13	2.2956	.006	1
S5	5.0000	4.9805	-.020	-.390	4.5225	.006	1

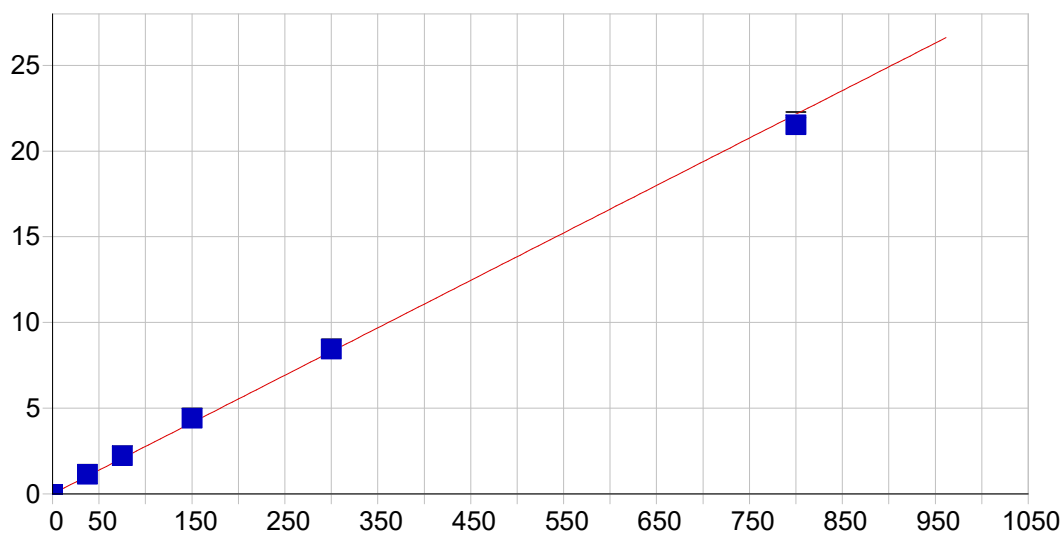


Cu 324.754 {104}

Date of Fit: 05/08/2020 14:42:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001127	Re-Slope:	1.000000
A1 (Gain):	0.130626	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999959	Status:	OK.
Std Error of Est:	0.000055		
Predicted MDL:	0.002751		
Predicted MQL:	0.009170		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00113	.000	1
S1	.02500	.02626	.001	5.03	.00521	.000	1
S2	3.7500	3.8153	.065	1.74	.50737	.003	1
S3	7.5000	7.5141	.014	.188	.99837	.003	1
S4	15.000	15.157	.157	1.05	2.0125	.006	1
S5	30.000	29.762	-.238	-.793	3.9517	.009	1

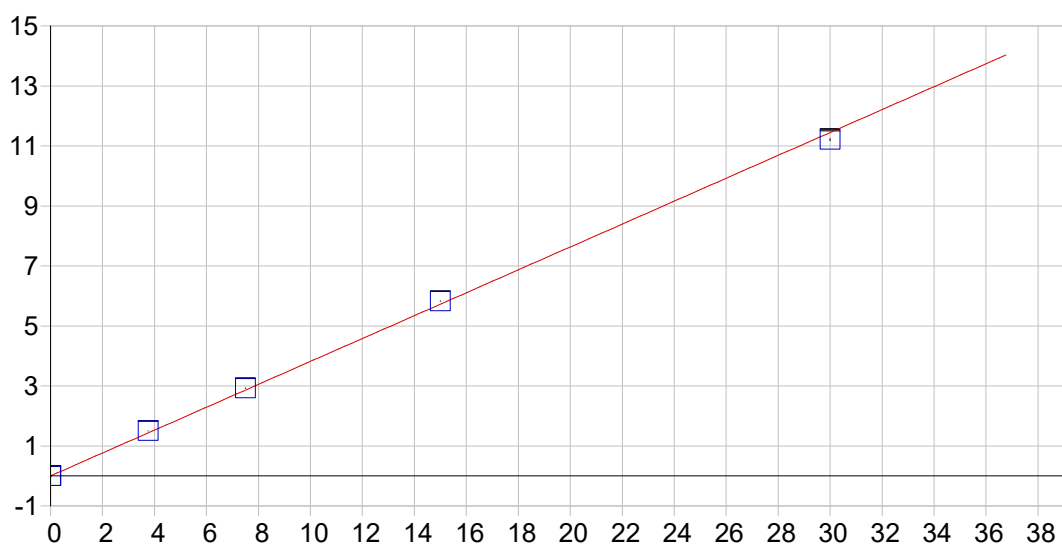


Fe 259.837 {130}

Date of Fit: 05/08/2020 14:42:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000249 Re-Slope: 1.000000
 A1 (Gain): 0.027680 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999296 Status: OK.
 Std Error of Est: 0.000455
 Predicted MDL: 0.007808
 Predicted MQL: 0.026026

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.00025	.000	1
S1	.10000	.11823	.018	18.2	.00364	.000	1
S2	37.500	41.033	3.53	9.42	1.1382	.001	1
S3	75.000	79.945	4.94	6.59	2.2175	.007	1
S4	150.00	159.26	9.26	6.18	4.4174	.011	1
S5	300.00	304.56	4.56	1.52	8.4479	.031	1
S6	800.00	777.66	-22.3	-2.79	21.554	.163	1

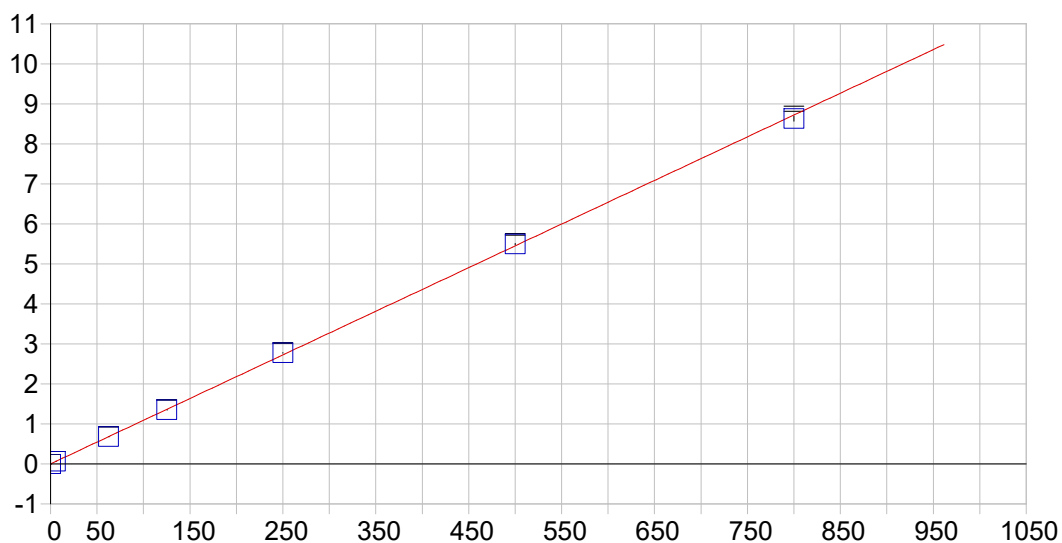


Mn 257.610 {131}

Date of Fit: 05/08/2020 14:42:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000035 Re-Slope: 1.000000
 A1 (Gain): 0.381582 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999717 Status: OK.
 Std Error of Est: 0.000323
 Predicted MDL: 0.000506
 Predicted MQL: 0.001687

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00004	.000	1
S1	.01500	.01873	.004	24.8	.00711	.000	1
S2	3.7500	3.9354	.185	4.94	1.5017	.003	1
S3	7.5000	7.6651	.165	2.20	2.9248	.012	1
S4	15.000	15.273	.273	1.82	5.8279	.012	1
S5	30.000	29.373	-.627	-2.09	11.208	.037	1

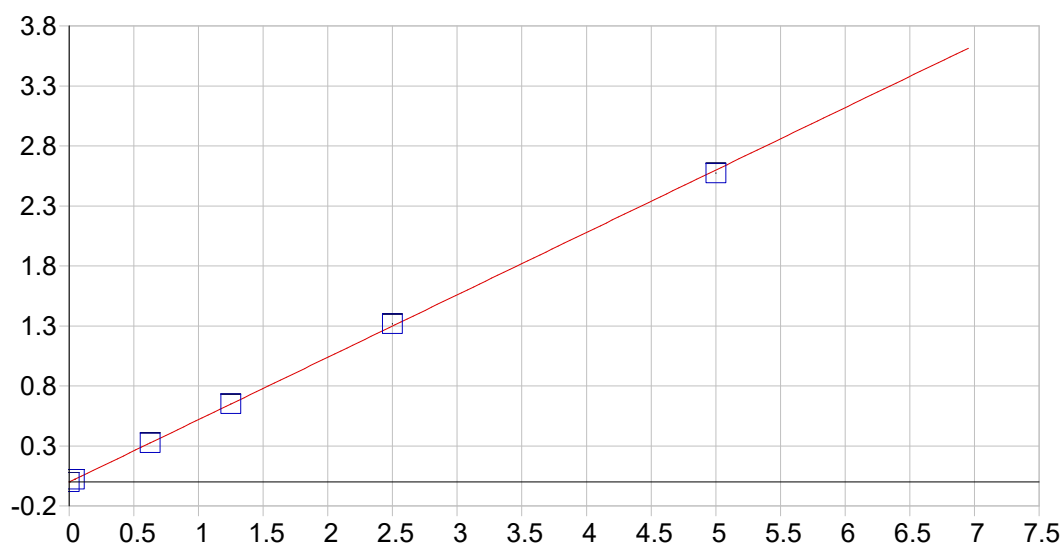


Mg 279.079 {121}

Date of Fit: 05/08/2020 14:42:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000342	Re-Slope:	1.000000
A1 (Gain):	0.010900	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999918	Status:	OK.
Std Error of Est:	0.000487		
Predicted MDL:	0.024008		
Predicted MQL:	0.080027		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00064	-.001	.000	-.00035	.000	1
S1	5.0000	5.6049	.605	12.1	.06075	.001	1
S2	62.500	62.446	-.054	-.087	.68032	.002	1
S3	125.00	123.96	-1.04	-.836	1.3508	.003	1
S4	250.00	254.71	4.71	1.88	2.7760	.010	1
S5	500.00	503.94	3.94	.788	5.4927	.019	1
S6	800.00	791.84	-8.16	-1.02	8.6308	.062	1

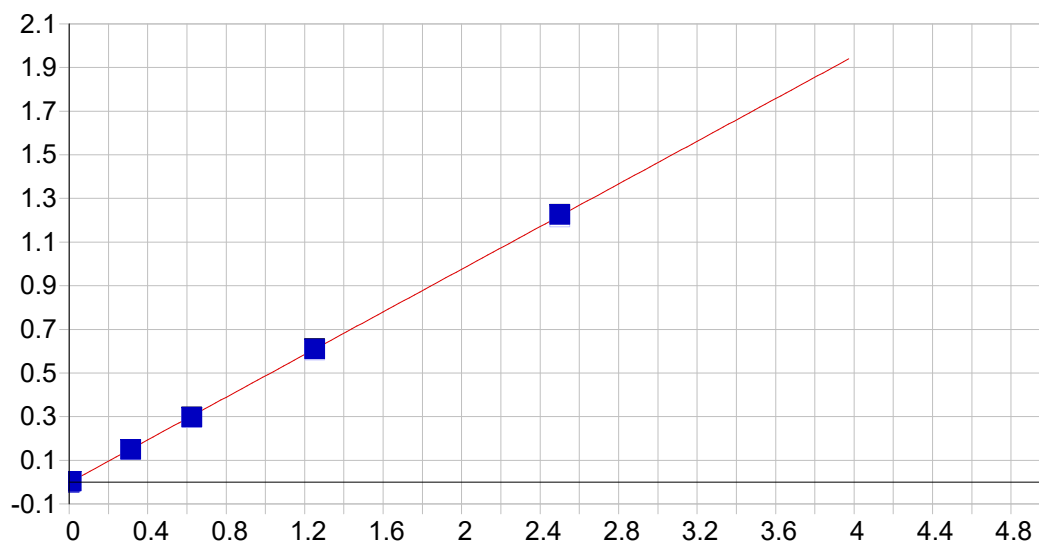


Ni 231.604 {446}

Date of Fit: 05/08/2020 14:42:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001087	Re-Slope:	1.000000
A1 (Gain):	0.519990	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999910	Status:	OK.
Std Error of Est:	0.000166		
Predicted MDL:	0.000595		
Predicted MQL:	0.001982		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00109	.000	1
S1	.04000	.04516	.005	12.9	.02240	.000	1
S2	.62500	.63022	.005	.836	.32662	.001	1
S3	1.2500	1.2522	.002	.179	.65006	.001	1
S4	2.5000	2.5358	.036	1.43	1.3175	.003	1
S5	5.0000	4.9516	-.048	-.969	2.5737	.003	1

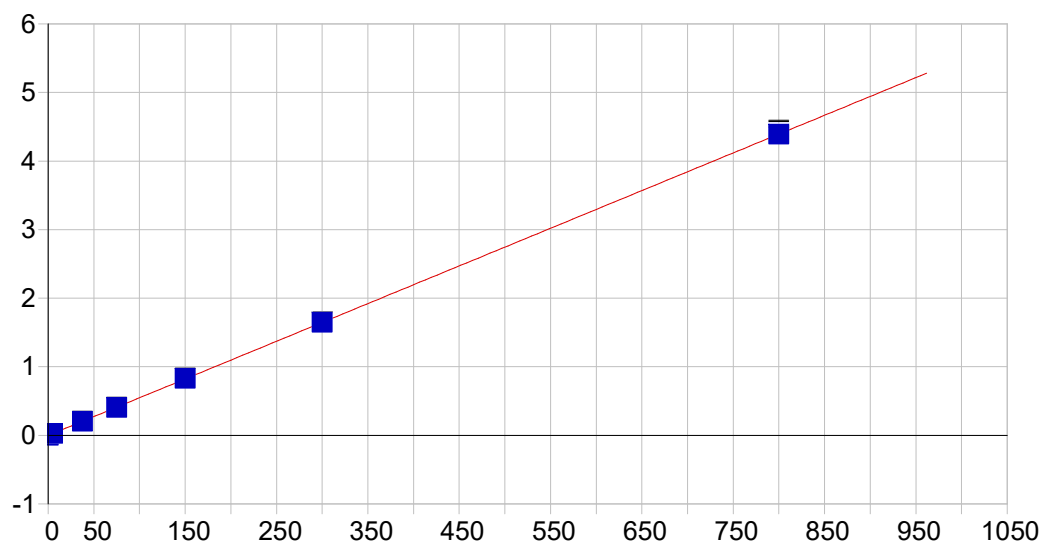


Ag 328.068 {103}

Date of Fit: 05/08/2020 14:42:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002051	Re-Slope:	1.000000
A1 (Gain):	0.488775	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999933	Status:	OK.
Std Error of Est:	0.000047		
Predicted MDL:	0.000427		
Predicted MQL:	0.001423		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00205	.000	1
S1	.01000	.01159	.002	15.9	.00357	.000	1
S2	.31250	.30871	-.004	-1.21	.14731	.000	1
S3	.62500	.61234	-.013	-2.03	.29419	.000	1
S4	1.2500	1.2526	.003	.208	.60408	.001	1
S5	2.5000	2.5123	.012	.490	1.2137	.002	1

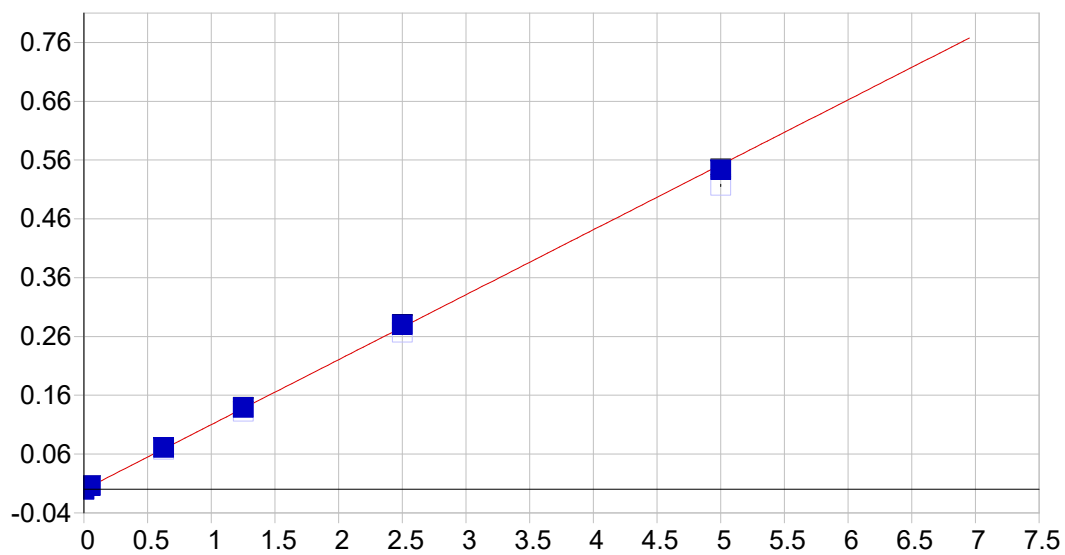


Na 818.326 { 41}

Date of Fit: 05/08/2020 14:42:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001511 Re-Slope: 1.000000
 A1 (Gain): 0.005493 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000114
 Predicted MDL: 0.254711
 Predicted MQL: 0.849036

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00042	-.000	.000	-.00151	.001	1
S1	5.0000	5.4529	.453	9.06	.02845	.001	1
S2	37.500	37.474	-.026	-.071	.20525	.001	1
S3	75.000	74.107	-.893	-1.19	.40739	.002	1
S4	150.00	151.19	1.19	.796	.83267	.001	1
S5	300.00	299.90	-.102	-.034	1.6532	.005	1
S6	800.00	799.38	-.623	-.078	4.4090	.042	1

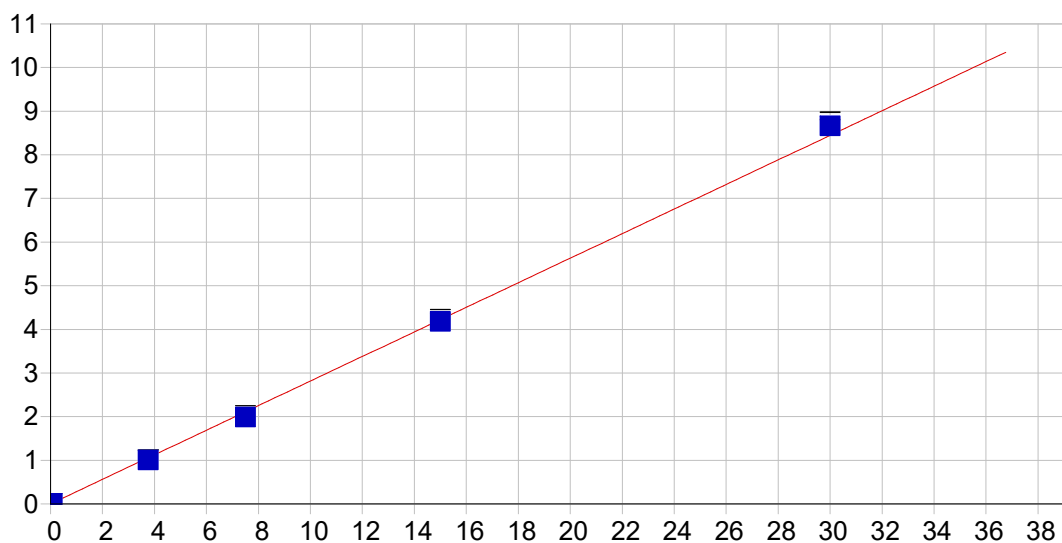


V 292.402 {115}

Date of Fit: 05/08/2020 14:42:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000332 Re-Slope: 1.000000
 A1 (Gain): 0.110458 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999767 Status: OK.
 Std Error of Est: 0.000060
 Predicted MDL: 0.002751
 Predicted MQL: 0.009170

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00033	.000	1
S1	.05000	.05841	.008	16.8	.00611	.000	1
S2	.62500	.64611	.021	3.38	.06773	.000	1
S3	1.2500	1.2608	.011	.863	.13231	.000	1
S4	2.5000	2.5372	.037	1.49	.26668	.001	1
S5	5.0000	4.9221	-.078	-1.56	.51688	.002	1

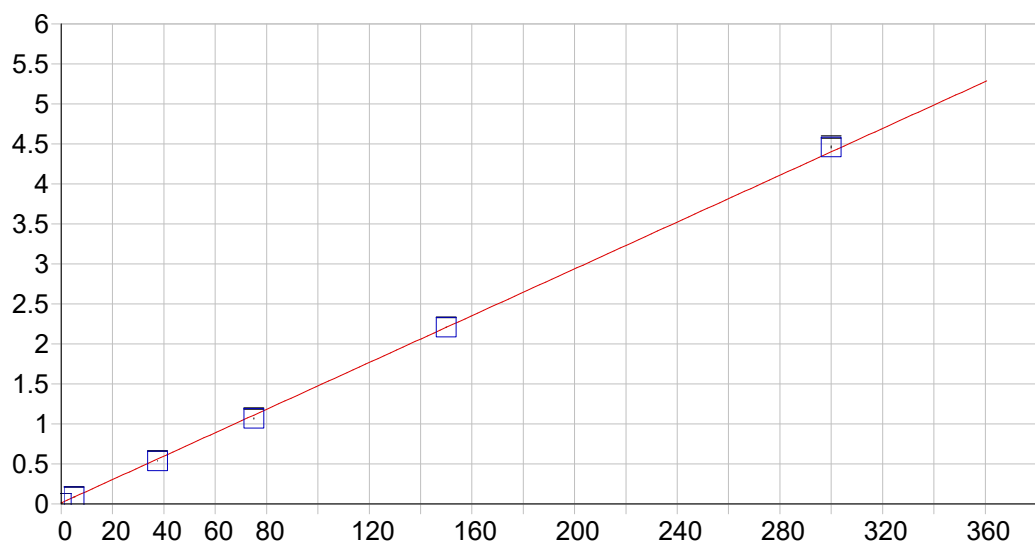


Zn 213.856 {158}

Date of Fit: 05/08/2020 14:42:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000674 Re-Slope: 1.000000
 A1 (Gain): 0.281521 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999483 Status: OK.
 Std Error of Est: 0.000645
 Predicted MDL: 0.003148
 Predicted MQL: 0.010494

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00067	.000	1
S1	.06000	.07562	.016	26.0	.02201	.000	1
S2	3.7500	3.5727	-.177	-4.73	1.0082	.014	1
S3	7.5000	7.0622	-.438	-5.84	1.9923	.031	1
S4	15.000	14.847	-.153	-1.02	4.1873	.045	1
S5	30.000	30.753	.753	2.51	8.6720	.087	1

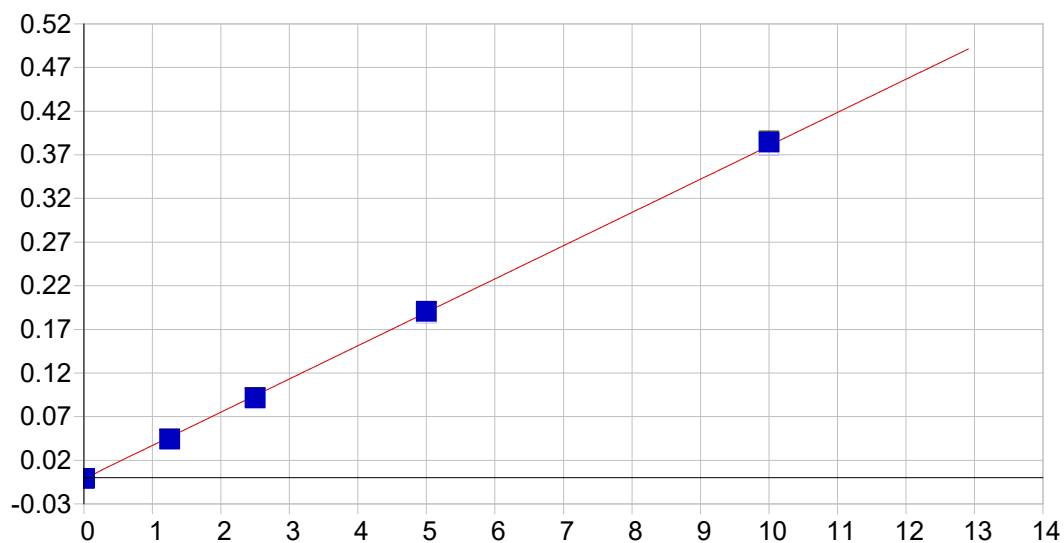


K 769.896 { 44 }

Date of Fit: 05/08/2020 14:42:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.011962 Re-Slope: 1.000000
 A1 (Gain): 0.014630 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999795 Status: OK.
 Std Error of Est: 0.000610
 Predicted MDL: 0.081466
 Predicted MQL: 0.271552

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00019	.000	.000	.01197	.000	1
S1	5.0000	5.1314	.131	2.63	.08703	.001	1
S2	37.500	35.934	-1.57	-4.18	.53766	.001	1
S3	75.000	72.177	-2.82	-3.76	1.0679	.009	1
S4	150.00	150.11	.115	.076	2.2081	.005	1
S5	300.00	304.14	4.14	1.38	4.4615	.013	1

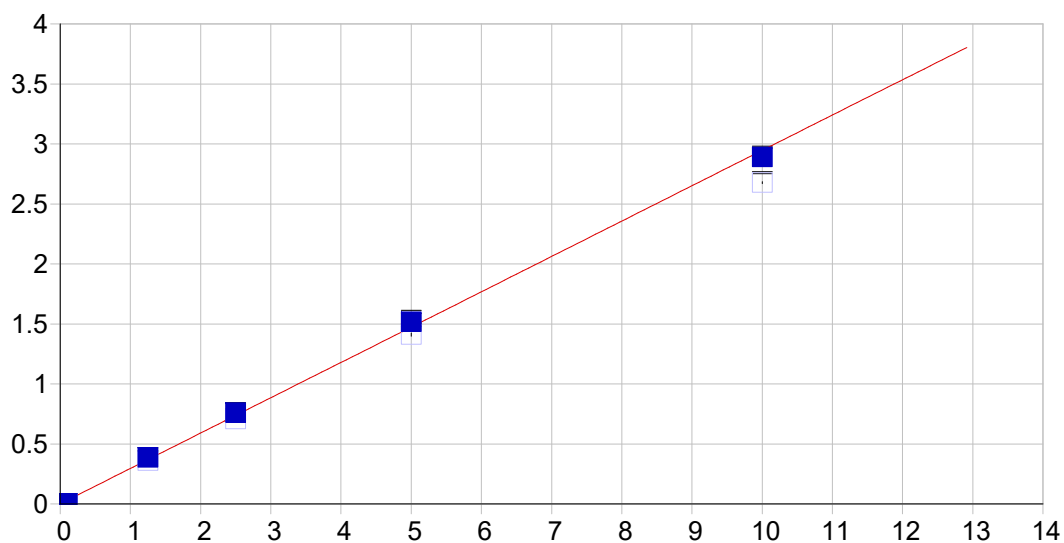


P 177.495 {490}

Date of Fit: 05/08/2020 14:42:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001234 Re-Slope: 1.000000
 A1 (Gain): 0.038154 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999764 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.004057
 Predicted MQL: 0.013522

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00123	.000	1
S1	.01000	.01449	.004	44.9	-.00068	.000	1
S2	1.2500	1.1883	-.062	-4.94	.04357	.000	1
S3	2.5000	2.4243	-.076	-3.03	.09019	.000	1
S4	5.0000	5.0235	.023	.470	.18829	.000	1
S5	10.000	10.109	.109	1.09	.38020	.001	1

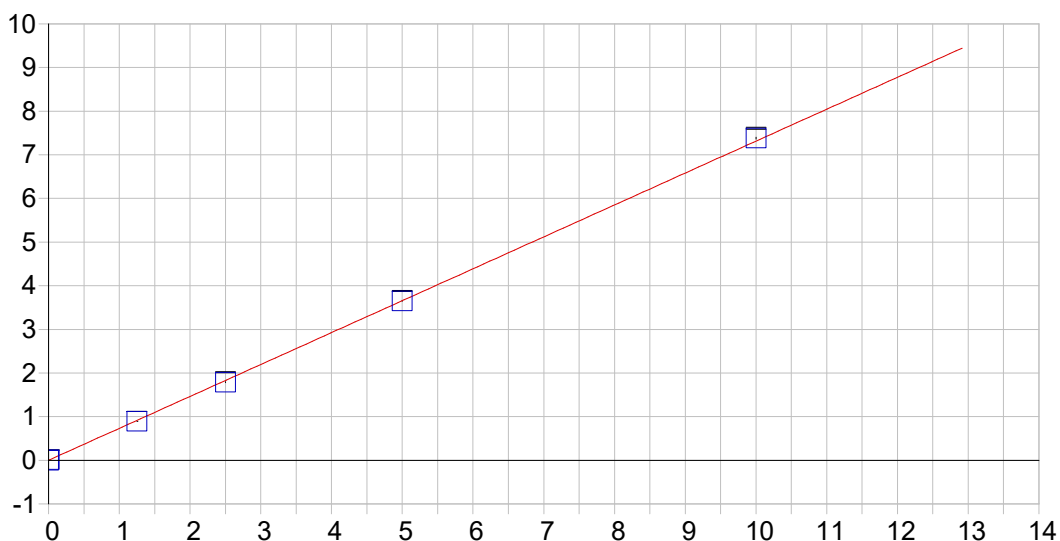


B 249.678 {135}

Date of Fit: 05/08/2020 14:42:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001012	Re-Slope:	1.000000
A1 (Gain):	0.294479	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997212	Status:	OK.
Std Error of Est:	0.001087		
Predicted MDL:	0.001047		
Predicted MQL:	0.003491		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	.00104	.000	1
S1	.10000	.01171	-.088	-88.3	.00440	.000	1
S2	1.2500	1.3060	.056	4.48	.35888	.001	1
S3	2.5000	2.5742	.074	2.97	.70564	.001	1
S4	5.0000	5.1521	.152	3.04	1.4113	.014	1
S5	10.000	9.8127	-.187	-1.87	2.6769	.008	1

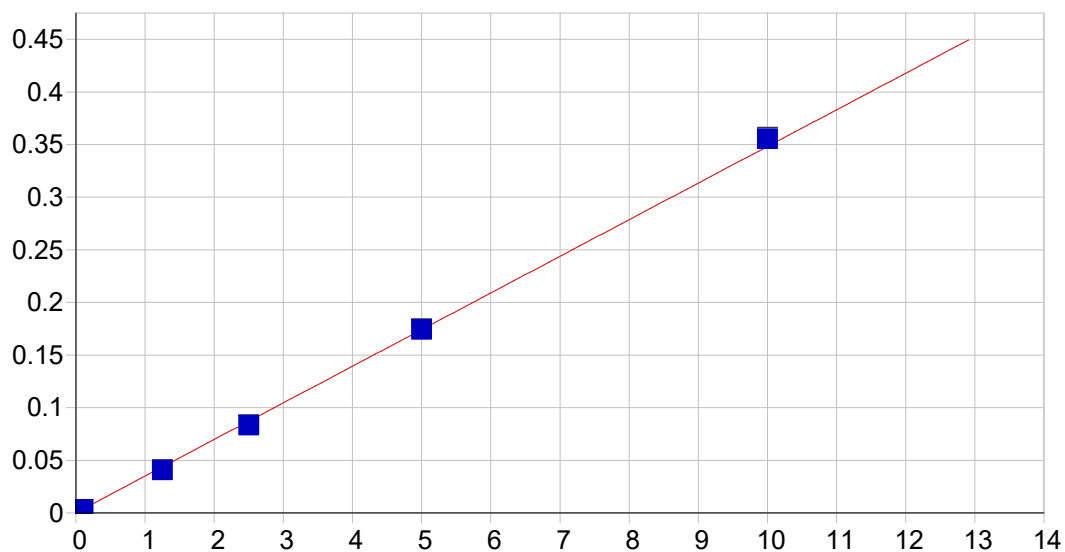


Mo 202.030 {467}

Date of Fit: 05/08/2020 14:42:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000189	Re-Slope:	1.000000
A1 (Gain):	0.731353	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999919	Status:	OK.
Std Error of Est:	0.000156		
Predicted MDL:	0.000418		
Predicted MQL:	0.001393		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00019	.000	1
S1	.01000	.01122	.001	12.2	.00839	.000	1
S2	1.2500	1.2187	-.031	-2.50	.89149	.001	1
S3	2.5000	2.4442	-.056	-2.23	1.7877	.010	1
S4	5.0000	4.9940	-.006	-.121	3.6525	.011	1
S5	10.000	10.092	.092	.919	7.3810	.020	1

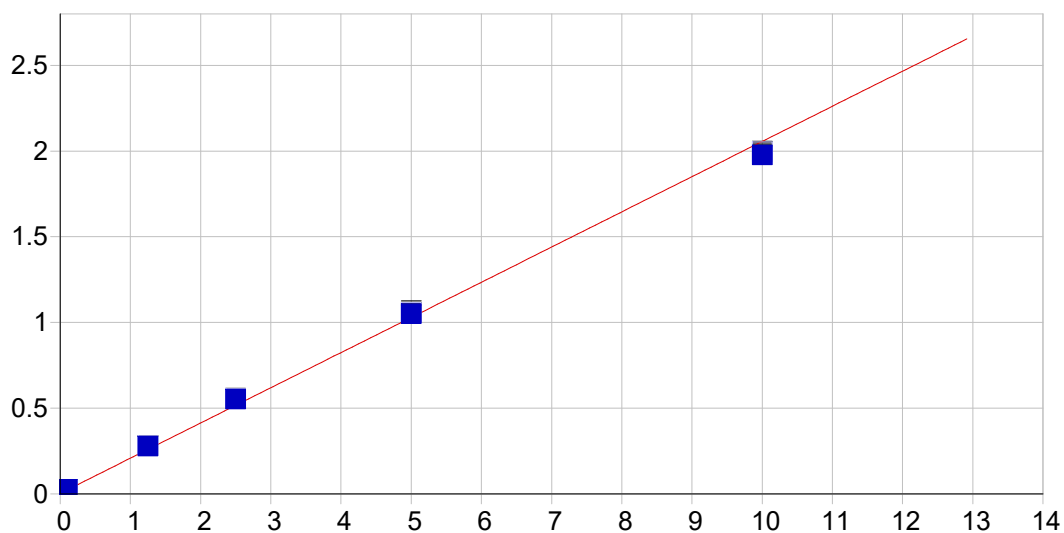


S 182.034 {485}

Date of Fit: 05/08/2020 14:42:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000216	Re-Slope:	1.000000
A1 (Gain):	0.034798	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999561	Status:	OK.
Std Error of Est:	0.000055		
Predicted MDL:	0.005346		
Predicted MQL:	0.017820		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00022	.000	1
S1	.10000	.09082	-.009	-9.18	.00338	.000	1
S2	1.2500	1.1623	-.088	-7.02	.04075	.000	1
S3	2.5000	2.3851	-.115	-4.60	.08339	.000	1
S4	5.0000	5.0036	.004	.073	.17470	.000	1
S5	10.000	10.208	.208	2.08	.35617	.001	1

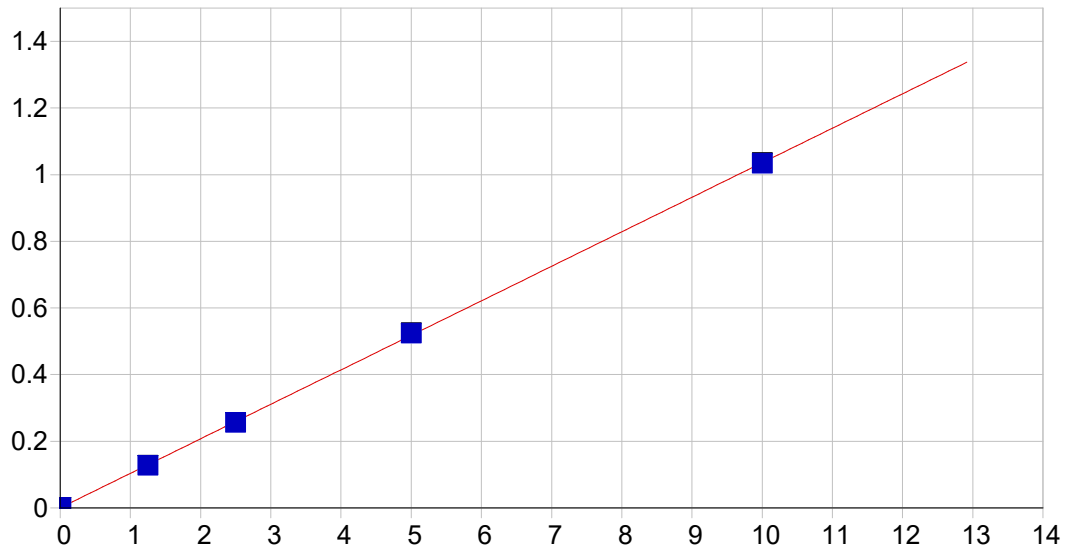


Si 251.611 {134}

Date of Fit: 05/08/2020 14:42:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003183 Re-Slope: 1.000000
 A1 (Gain): 0.205257 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998985 Status: OK.
 Std Error of Est: 0.000496
 Predicted MDL: 0.001362
 Predicted MQL: 0.004539

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00318	.000	1
S1	.10000	.11681	.017	16.8	.02723	.001	1
S2	1.2500	1.3431	.093	7.45	.28114	.000	1
S3	2.5000	2.6757	.176	7.03	.55692	.002	1
S4	5.0000	5.1001	.100	2.00	1.0591	.008	1
S5	10.000	9.6144	-.386	-3.86	1.9948	.005	1

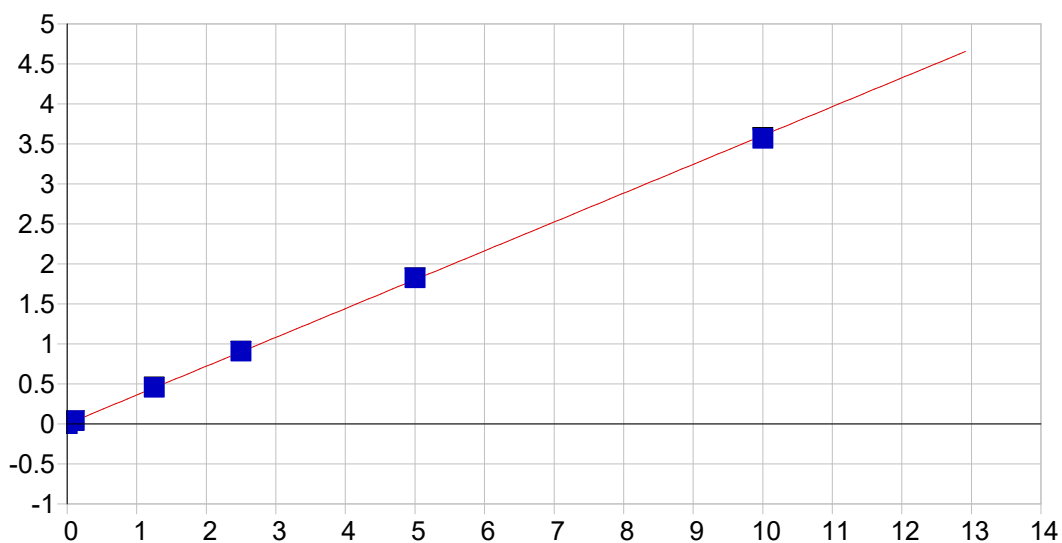


Sn 189.989 {478}

Date of Fit: 05/08/2020 14:42:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000211	Re-Slope:	1.000000
A1 (Gain):	0.103551	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999949	Status:	OK.
Std Error of Est:	0.000015		
Predicted MDL:	0.001710		
Predicted MQL:	0.005700		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00021	.000	1
S1	.00700	.00530	-.002	-24.3	.00074	.000	1
S2	1.2500	1.2271	-.023	-1.83	.12701	.001	1
S3	2.5000	2.4729	-.027	-1.08	.25574	.001	1
S4	5.0000	5.0623	.062	1.25	.52334	.001	1
S5	10.000	9.9894	-.011	-.106	1.0325	.002	1

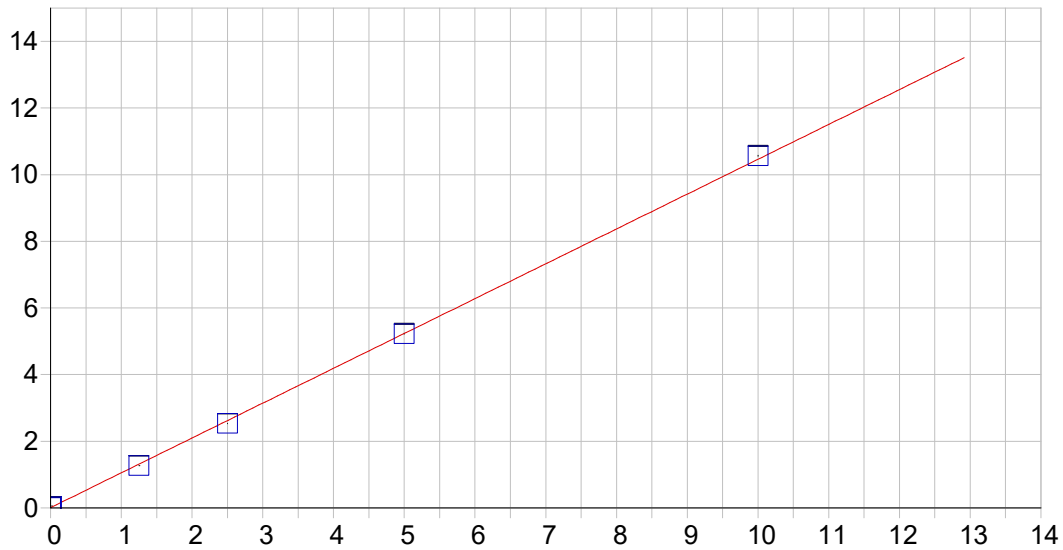


Ti 336.121 {100}

Date of Fit: 05/08/2020 14:42:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000149	Re-Slope:	1.000000
A1 (Gain):	0.360463	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999900	Status:	OK.
Std Error of Est:	0.000270		
Predicted MDL:	0.001258		
Predicted MQL:	0.004192		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00014	.000	1
S1	.10000	.11306	.013	13.1	.04089	.001	1
S2	1.2500	1.2678	.018	1.43	.45700	.004	1
S3	2.5000	2.5155	.016	.620	.90659	.002	1
S4	5.0000	5.0564	.056	1.13	1.8222	.005	1
S5	10.000	9.8972	-.103	-1.03	3.5665	.013	1

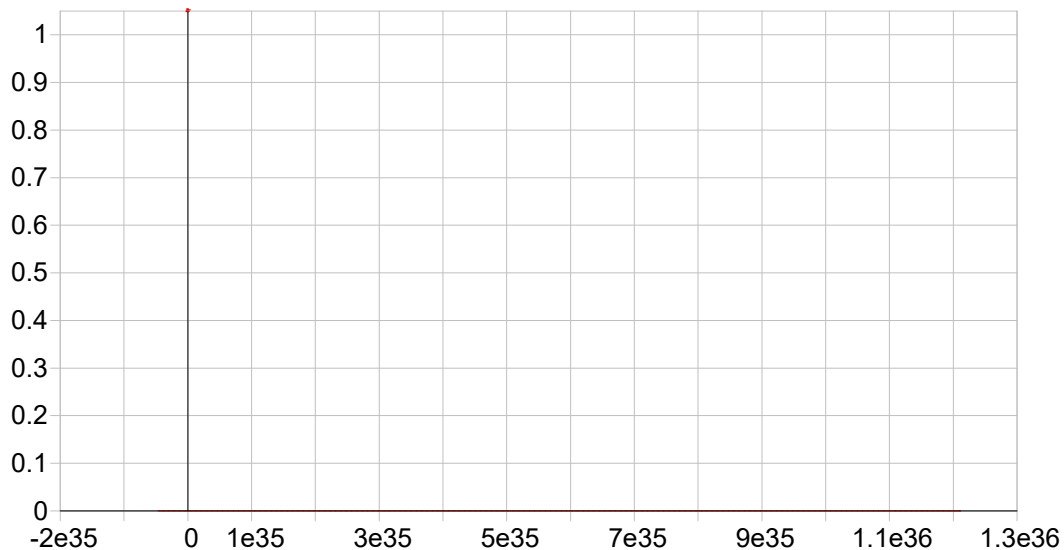


Li 670.784 { 50}

Date of Fit: 05/08/2020 14:42:04 Type of Fit: Linear Weighting: 1/Conc

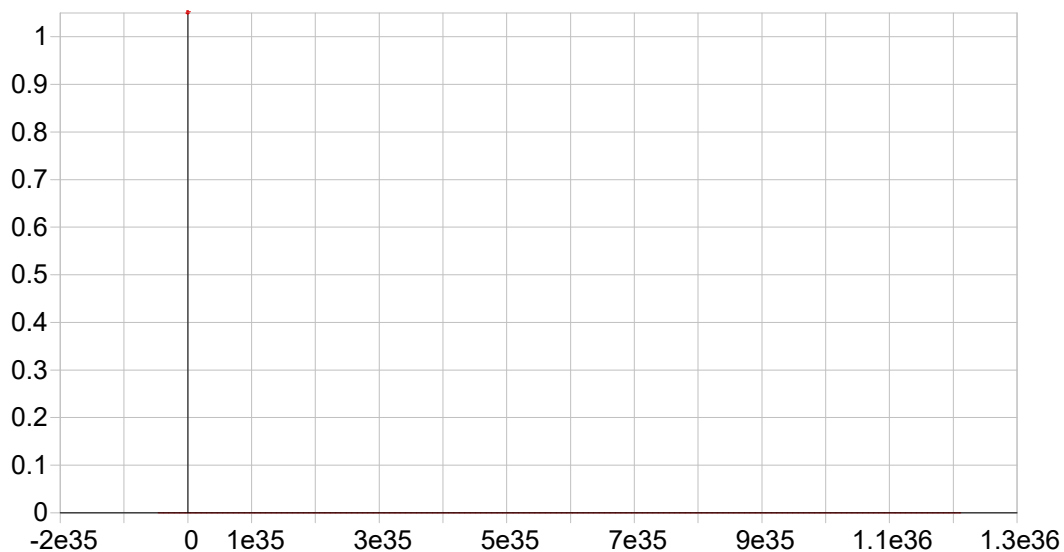
A0 (Offset): 0.006986 Re-Slope: 1.000000
 A1 (Gain): 1.045545 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997474 Status: OK.
 Std Error of Est: 0.001529
 Predicted MDL: 0.001404
 Predicted MQL: 0.004679

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.00695	.001	1
S5	10.000	10.098	.098	.977	10.565	.014	1
S4	5.0000	4.9943	-.006	-.114	5.2287	.011	1
S3	2.5000	2.4156	-.084	-3.38	2.5326	.006	1
S2	1.2500	1.2057	-.044	-3.54	1.2676	.003	1
S1	.01500	.05168	.037	245.	.06102	.001	1



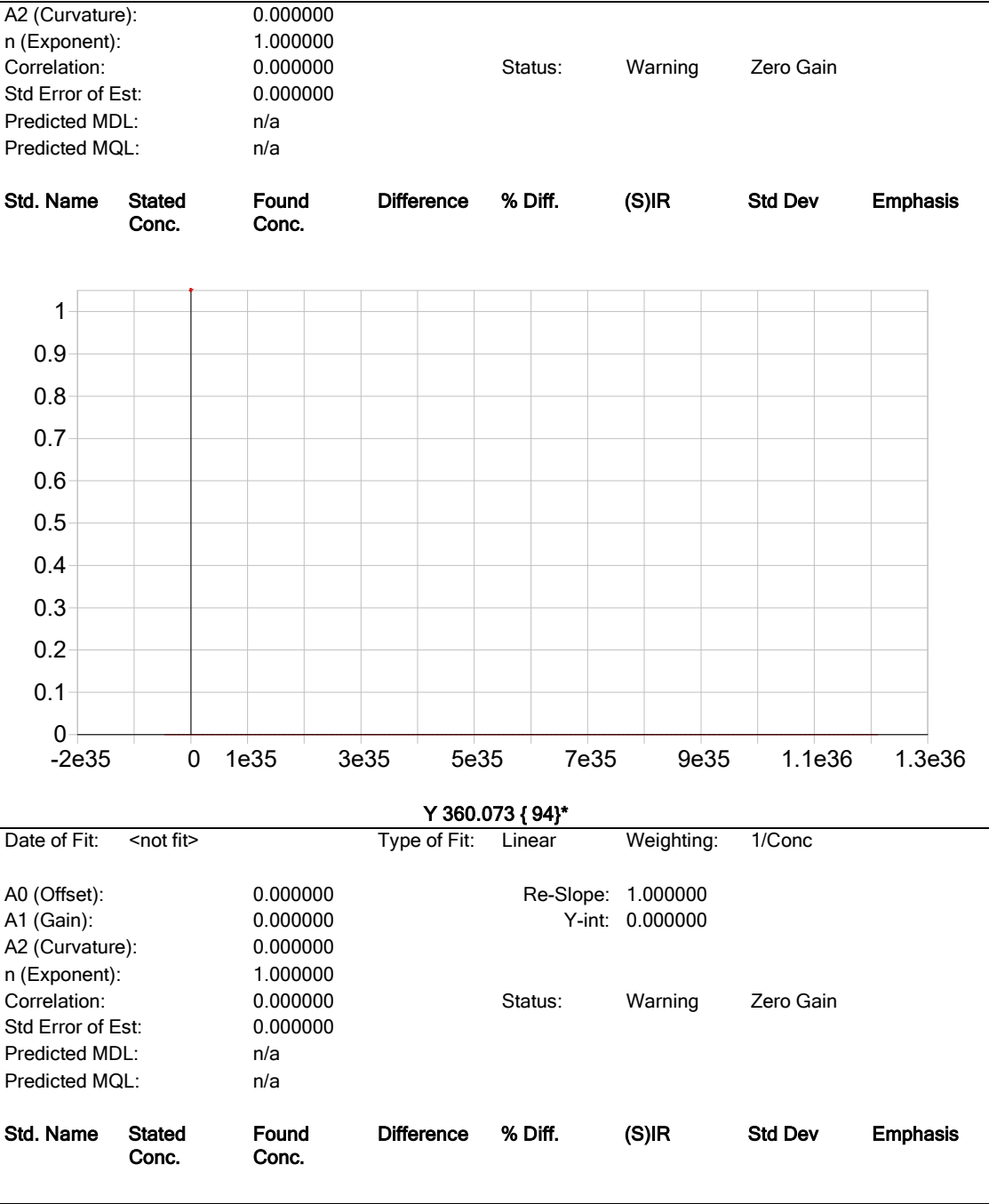
Y 224.306 {150}*

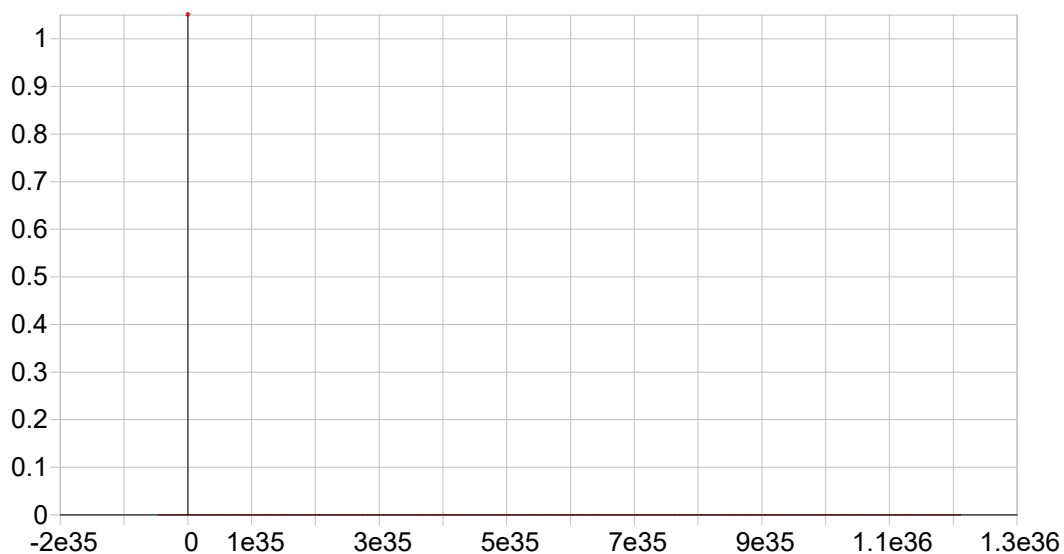
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				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



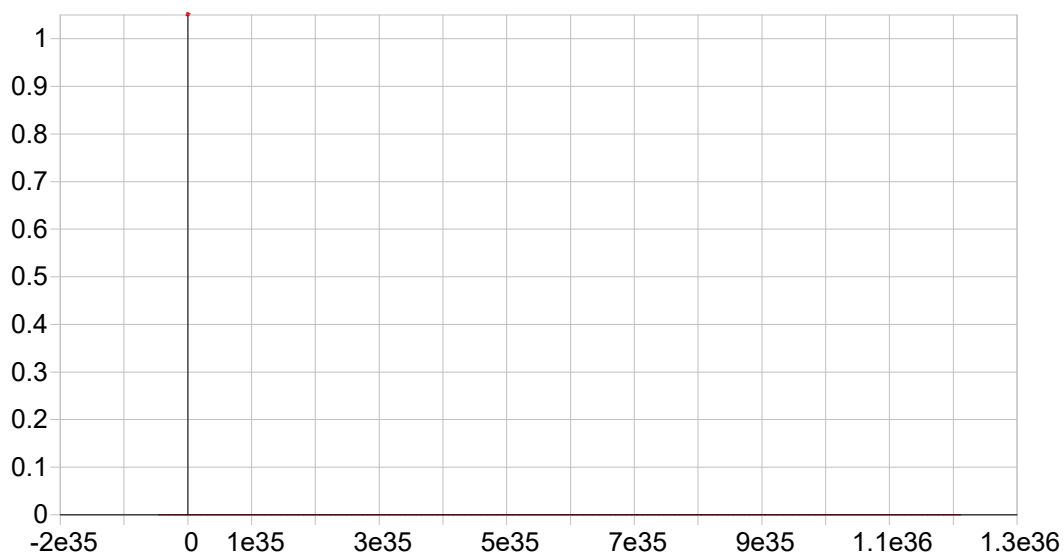
Y 224.306 {450}*

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	

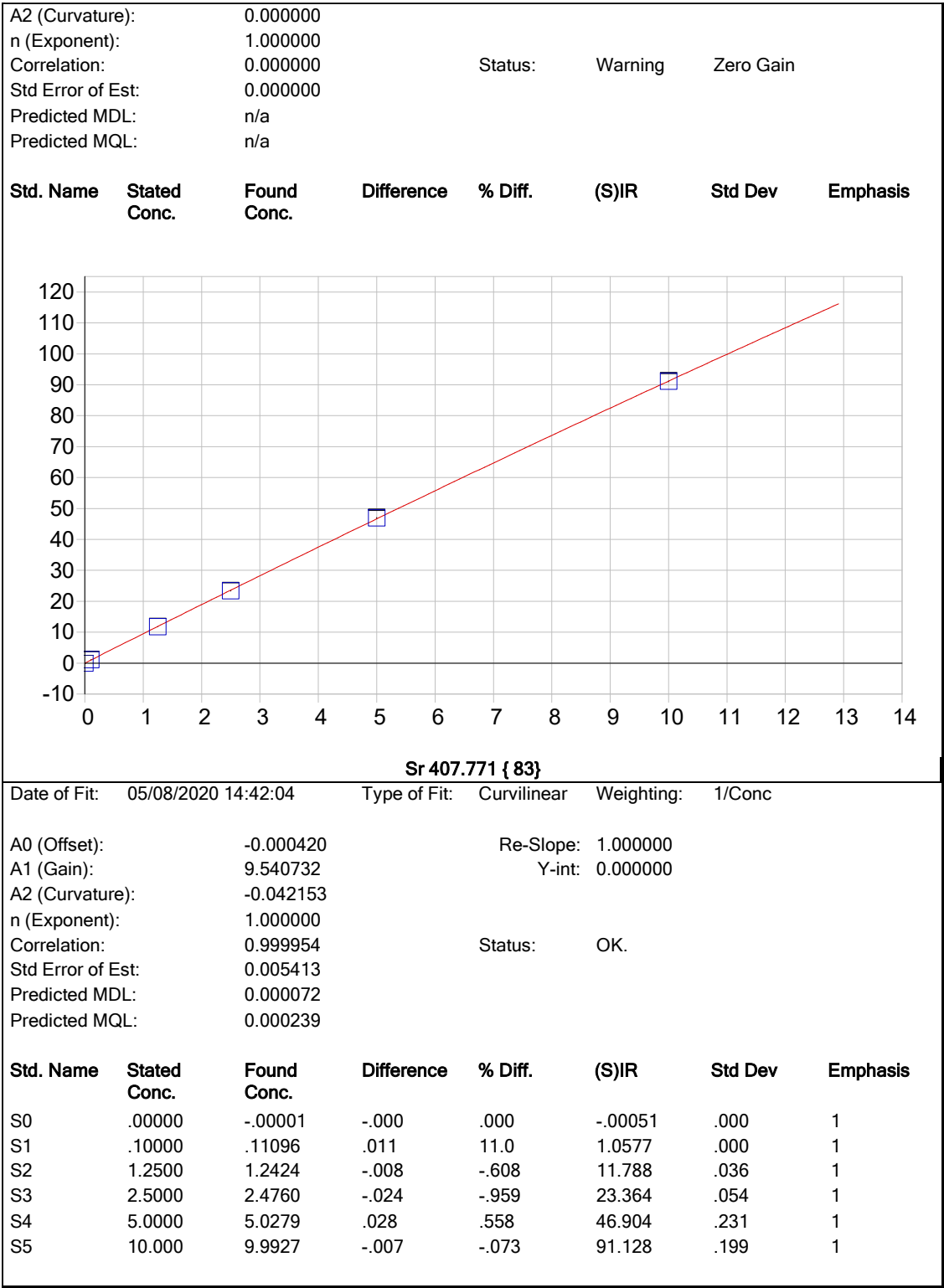




Y 371.030 { 91}*



In 230.606 {446}*



Sample Name: S0 Acquired: 05/08/2020 13:46:05 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) 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	-.00035	-.00049	-.00017	.00058	.00037	.00185	-.01137	-.00058
Stddev	.00016	.00019	.00008	.00009	.00030	.00100	.00112	.00014
%RSD	45.697	38.172	48.150	16.067	79.960	53.994	9.8224	23.459
#1	-.00037	-.00051	-.00026	.00062	.00070	.00116	-.01257	-.00063
#2	-.00050	-.00029	-.00015	.00065	.00028	.00138	-.01036	-.00068
#3	-.00018	-.00066	-.00010	.00047	.00013	.00299	-.01119	-.00042
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	.00236	.00002	-.00005	.00113	.00025	-.00004	-.00035
Stddev	.00009	.00026	.00004	.00037	.00031	.00008	.00013	.00001
%RSD	16.379	11.188	200.03	717.25	27.614	33.679	350.22	3.7597
#1	.00060	.00230	.00001	.00011	.00080	.00016	.00011	-.00036
#2	.00054	.00214	-.00002	-.00047	.00142	.00027	-.00009	-.00033
#3	.00043	.00265	.00006	.00021	.00117	.00032	-.00013	-.00035
Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00109	-.00205	-.00151	-.00033	.00067	.01197	-.00123	.00104
Stddev	.00024	.00012	.00091	.00042	.00027	.00036	.00009	.00014
%RSD	21.961	5.9760	60.451	127.42	39.932	2.9863	6.9193	13.072
#1	-.00090	-.00192	-.00175	-.00070	.00064	.01235	-.00120	.00095
#2	-.00101	-.00216	-.00229	-.00044	.00095	.01164	-.00117	.00097
#3	-.00136	-.00207	-.00050	.00013	.00042	.01191	-.00133	.00119
Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00019	.00022	.00318	.00021	.00014	.00695	-.00051	
Stddev	.00031	.00010	.00015	.00021	.00020	.00135	.00039	
%RSD	163.51	44.745	4.7132	97.845	138.15	19.367	75.610	
#1	.00006	.00027	.00333	.00022	.00015	.00812	-.00075	
#2	.00054	.00010	.00316	.00000	-.00006	.00548	-.00007	
#3	-.00004	.00028	.00304	.00042	.00034	.00725	-.00072	

Sample Name: S0 Acquired: 05/08/2020 13:46:05 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) 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	1099.4	1547.1	27250.	8364.7	2032.7
Stddev	5.7	5.0	113.	26.8	4.2
%RSD	.51558	.32498	.41466	.32005	.20643
#1	1104.2	1543.7	27191.	8334.3	2036.8
#2	1093.1	1544.7	27179.	8375.5	2033.1
#3	1100.8	1552.9	27380.	8384.5	2028.4

Sample Name: S1 Acquired: 05/08/2020 13:50:13 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) 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	.00013	.00089	.00181	.00265	.00871	.02207	.49905	.01757
Stddev	.00008	.00026	.00035	.00021	.00021	.00019	.00089	.00015
%RSD	62.352	28.956	19.194	8.0928	2.4281	.84210	.17854	.87167
#1	.00016	.00112	.00196	.00278	.00847	.02193	.50004	.01757
#2	.00018	.00093	.00206	.00240	.00884	.02201	.49830	.01772
#3	.00004	.00061	.00141	.00276	.00884	.02228	.49882	.01742
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	.01804	.29176	.00234	.04857	.00521	.00364	.00711	.06075
Stddev	.00044	.00101	.00005	.00007	.00027	.00017	.00024	.00064
%RSD	2.4543	.34514	2.0521	.14700	5.1067	4.8094	3.3633	1.0508
#1	.01855	.29124	.00238	.04853	.00515	.00347	.00709	.06020
#2	.01779	.29292	.00237	.04865	.00550	.00382	.00688	.06061
#3	.01777	.29111	.00229	.04853	.00498	.00362	.00736	.06145
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	.02240	.00357	.02845	.00611	.02201	.08703	-.00068	.00440
Stddev	.00020	.00004	.00083	.00044	.00039	.00076	.00006	.00018
%RSD	.88903	1.1601	2.9276	7.1986	1.7876	.87797	9.2661	4.1916
#1	.02235	.00361	.02937	.00641	.02242	.08787	-.00068	.00459
#2	.02222	.00353	.02775	.00560	.02197	.08686	-.00075	.00423
#3	.02261	.00358	.02822	.00632	.02164	.08637	-.00062	.00438
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	.00839	.00338	.02723	.00074	.04089	.06102	1.0577	
Stddev	.00041	.00002	.00060	.00018	.00058	.00095	.0004	
%RSD	4.8917	.70643	2.1995	24.565	1.4174	1.5507	.03950	
#1	.00794	.00335	.02789	.00082	.04022	.06032	1.0580	
#2	.00851	.00338	.02709	.00053	.04124	.06065	1.0572	
#3	.00873	.00339	.02672	.00086	.04121	.06210	1.0578	

Sample Name: S1 Acquired: 05/08/2020 13:50:13 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) 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	1101.7	1551.3	27329.	8474.7	2014.5
Stddev	2.9	2.0	75.	44.9	1.8
%RSD	.26082	.13076	.27288	.52997	.09071
#1	1104.8	1551.1	27331.	8447.8	2014.3
#2	1101.4	1553.4	27253.	8449.7	2016.4
#3	1099.0	1549.3	27402.	8526.5	2012.7

Sample Name: S2 Acquired: 05/08/2020 13:54:20 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) 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	.03534	.06173	1.3539	.07119	.16098	3.4568	6.4889	.40409
Stddev	.00030	.00018	.0036	.00070	.00072	.0110	.0109	.00172
%RSD	.85449	.29081	.26256	.97693	.44449	.31728	.16862	.42551

#1	.03504	.06179	1.3553	.07139	.16104	3.4643	6.4843	.40229
#2	.03534	.06153	1.3498	.07042	.16166	3.4442	6.4810	.40572
#3	.03564	.06187	1.3565	.07177	.16023	3.4618	6.5014	.40426

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.9946	3.2629	.80137	.56382	.50737	1.1382	1.5017	.68032
Stddev	.0055	.0048	.00015	.00054	.00316	.0012	.0028	.00156
%RSD	.27519	.14594	.01863	.09521	.62366	.10672	.18591	.22858

#1	1.9937	3.2611	.80154	.56426	.50374	1.1374	1.5004	.67925
#2	1.9896	3.2593	.80130	.56322	.50878	1.1377	1.4997	.67962
#3	2.0005	3.2683	.80128	.56399	.50958	1.1396	1.5049	.68210

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	.32662	.14731	.20525	.06773	1.0082	.53766	.04357	.35888
Stddev	.00067	.00012	.00095	.00015	.0136	.00091	.00022	.00117
%RSD	.20372	.08062	.46450	.22036	1.3490	.16954	.50946	.32489

#1	.32641	.14728	.20573	.06785	1.0165	.53662	.04332	.35754
#2	.32609	.14744	.20415	.06756	1.0156	.53827	.04363	.35969
#3	.32737	.14721	.20587	.06777	.99249	.53810	.04375	.35940

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	.89149	.04075	.28114	.12701	.45700	1.2676	11.788
Stddev	.00071	.00018	.00049	.00067	.00390	.0034	.036
%RSD	.08004	.44372	.17563	.52925	.85337	.26695	.30577

#1	.89230	.04085	.28082	.12678	.45275	1.2638	11.747
#2	.89121	.04086	.28171	.12649	.46042	1.2690	11.803
#3	.89095	.04054	.28089	.12777	.45782	1.2702	11.814

Sample Name: S2 Acquired: 05/08/2020 13:54:20 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) 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	1046.9	1495.8	26539.	8425.3	1870.5
Stddev	14.6	1.6	149.	15.2	2.2
%RSD	1.3908	.10629	.56046	.18008	.11748
#1	1043.5	1494.0	26439.	8423.4	1870.5
#2	1034.3	1497.0	26469.	8411.1	1872.6
#3	1062.9	1496.5	26710.	8441.3	1868.2

Sample Name: S3 Acquired: 05/08/2020 13:58:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) 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	.07133	.12209	2.7086	.14136	.32178	6.8689	12.863	.78848
Stddev	.00068	.00080	.0026	.00029	.00068	.0427	.061	.00269
%RSD	.94981	.65423	.09549	.20640	.21019	.62142	.47050	.34082

#1	.07138	.12211	2.7114	.14105	.32164	6.8770	12.889	.78563
#2	.07063	.12128	2.7080	.14163	.32118	6.8228	12.794	.78886
#3	.07199	.12288	2.7064	.14141	.32251	6.9070	12.906	.79096

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.9593	6.3959	1.5702	1.1277	.99837	2.2175	2.9248	1.3508
Stddev	.0058	.0211	.0042	.0009	.00296	.0067	.0121	.0034
%RSD	.14677	.33066	.26507	.08277	.29643	.30285	.41245	.25349

#1	3.9530	6.4035	1.5682	1.1282	.99753	2.2184	2.9251	1.3496
#2	3.9603	6.3720	1.5673	1.1283	.99592	2.2103	2.9126	1.3481
#3	3.9644	6.4122	1.5749	1.1266	1.0017	2.2237	2.9368	1.3546

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	.65006	.29419	.40739	.13231	1.9923	1.0679	.09019	.70564
Stddev	.00136	.00038	.00245	.00046	.0305	.0086	.00031	.00092
%RSD	.20995	.12761	.60180	.34644	1.5324	.80155	.33841	.13049

#1	.64928	.29379	.40850	.13255	1.9731	1.0662	.09047	.70639
#2	.64927	.29453	.40458	.13178	2.0275	1.0603	.08987	.70461
#3	.65164	.29425	.40909	.13260	1.9763	1.0772	.09024	.70592

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	1.7877	.08339	.55692	.25574	.90659	2.5326	23.364
Stddev	.0104	.00015	.00164	.00052	.00170	.0060	.054
%RSD	.58476	.17521	.29367	.20147	.18705	.23559	.22927

#1	1.7889	.08340	.55523	.25521	.90493	2.5296	23.377
#2	1.7768	.08354	.55703	.25624	.90832	2.5287	23.305
#3	1.7976	.08325	.55850	.25578	.90651	2.5394	23.410

Sample Name: S3 Acquired: 05/08/2020 13:58:14 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) 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	1024.7	1440.4	26011.	8392.5	1776.0
Stddev	11.7	6.9	90.	5.2	.8
%RSD	1.1377	.47574	.34578	.06218	.04238
#1	1031.8	1439.9	26058.	8398.4	1775.8
#2	1011.2	1447.5	25907.	8390.2	1776.8
#3	1031.0	1433.8	26067.	8388.8	1775.3

Sample Name: S4 Acquired: 05/08/2020 14:02:06 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) 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	.14757	.24181	5.5107	.28410	.66454	14.149	26.109	1.5799
Stddev	.00046	.00030	.0148	.00025	.00187	.014	.054	.0117
%RSD	.30971	.12592	.26828	.08730	.28095	.10239	.20798	.74008

#1	.14785	.24160	5.5069	.28439	.66656	14.164	26.154	1.5893
#2	.14704	.24167	5.4982	.28399	.66287	14.135	26.049	1.5835
#3	.14781	.24216	5.5270	.28393	.66420	14.150	26.124	1.5668

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.9726	12.919	3.1172	2.2956	2.0125	4.4174	5.8279	2.7760
Stddev	.0180	.034	.0024	.0063	.0063	.0112	.0117	.0097
%RSD	.22624	.26445	.07588	.27374	.31099	.25395	.20004	.34775

#1	7.9647	12.958	3.1146	2.2921	2.0193	4.4195	5.8336	2.7827
#2	7.9599	12.904	3.1181	2.2917	2.0112	4.4274	5.8357	2.7805
#3	7.9932	12.895	3.1191	2.3028	2.0070	4.4053	5.8145	2.7650

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	1.3175	.60408	.83267	.26668	4.1873	2.2081	.18829	1.4113
Stddev	.0028	.00120	.00061	.00068	.0454	.0053	.00036	.0138
%RSD	.21254	.19824	.07362	.25579	1.0845	.24248	.19295	.97635

#1	1.3151	.60545	.83260	.26605	4.2375	2.2140	.18817	1.4206
#2	1.3169	.60325	.83210	.26741	4.1490	2.2036	.18801	1.4179
#3	1.3206	.60354	.83332	.26658	4.1755	2.2068	.18870	1.3955

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	3.6525	.17470	1.0591	.52334	1.8222	5.2287	46.904
Stddev	.0108	.00013	.0084	.00090	.0047	.0109	.231
%RSD	.29469	.07632	.79581	.17190	.25878	.20793	.49354

#1	3.6590	.17482	1.0648	.52241	1.8271	5.2318	46.699
#2	3.6401	.17471	1.0631	.52341	1.8217	5.2167	46.857
#3	3.6585	.17456	1.0494	.52420	1.8177	5.2378	47.155

Sample Name: S4 Acquired: 05/08/2020 14:02:06 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) 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	965.48	1359.9	25318.	8260.8	1660.8
Stddev	9.60	5.5	96.	46.3	4.0
%RSD	.99473	.40356	.37973	.56055	.23990
#1	954.68	1356.2	25296.	8224.9	1659.9
#2	973.06	1366.2	25424.	8244.4	1665.1
#3	968.69	1357.4	25235.	8313.0	1657.3

Sample Name: S5 Acquired: 05/08/2020 14:06:04 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) 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	.30552	.46209	10.879	.57308	1.3794	28.212	50.582	3.0509
Stddev	.00085	.00104	.010	.00225	.0019	.059	.143	.0064
%RSD	.27664	.22453	.09243	.39327	.13408	.20874	.28253	.20948

#1	.30490	.46291	10.891	.57063	1.3773	28.179	50.651	3.0578
#2	.30518	.46093	10.874	.57506	1.3805	28.280	50.417	3.0498
#3	.30648	.46245	10.873	.57354	1.3804	28.176	50.677	3.0451

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	15.473	25.202	5.9467	4.5225	3.9517	8.4479	11.208	5.4927
Stddev	.005	.120	.0137	.0064	.0086	.0311	.037	.0191
%RSD	.03213	.47537	.23044	.14248	.21824	.36857	.33143	.34841

#1	15.478	25.135	5.9346	4.5281	3.9588	8.4329	11.191	5.4797
#2	15.468	25.340	5.9439	4.5155	3.9541	8.4837	11.251	5.5146
#3	15.472	25.131	5.9616	4.5238	3.9421	8.4272	11.182	5.4837

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	2.5737	1.2137	1.6532	.51688	8.6720	4.4615	.38020	2.6769
Stddev	.0034	.0021	.0046	.00189	.0865	.0127	.00140	.0084
%RSD	.13140	.17574	.27797	.36532	.99786	.28575	.36741	.31336

#1	2.5770	1.2141	1.6488	.51572	8.6714	4.4645	.37980	2.6837
#2	2.5702	1.2155	1.6579	.51906	8.7588	4.4725	.37905	2.6795
#3	2.5739	1.2113	1.6528	.51585	8.5857	4.4476	.38175	2.6675

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	7.3810	.35617	1.9948	1.0325	3.5665	10.565	91.128	
Stddev	.0199	.00098	.0053	.0015	.0134	.014	.199	
%RSD	.26949	.27543	.26806	.15039	.37566	.13403	.21805	

#1	7.3586	.35720	1.9983	1.0323	3.5605	10.568	90.945	
#2	7.3968	.35525	1.9974	1.0310	3.5818	10.577	91.340	
#3	7.3874	.35605	1.9886	1.0341	3.5571	10.549	91.100	

Sample Name: S5 Acquired: 05/08/2020 14:06:04 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) 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	889.82	1241.5	24605.	8186.9	1539.5
Stddev	6.73	3.9	31.	23.0	1.7
%RSD	.75611	.31419	.12479	.28106	.11365
#1	884.89	1246.0	24614.	8174.5	1539.2
#2	887.09	1239.0	24571.	8172.8	1541.4
#3	897.49	1239.4	24630.	8213.5	1538.0

Sample Name: S6 Acquired: 05/08/2020 14:10:10 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) 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	72.561	39.262	21.554	8.6308	4.4090
Stddev	.392	.409	.163	.0621	.0417
%RSD	.53979	1.0425	.75579	.71940	.94649

#1	72.711	39.531	21.645	8.6607	4.4383
#2	72.116	39.464	21.652	8.6722	4.4276
#3	72.855	38.791	21.366	8.5594	4.3613

Int. Std.	Y_3710
Units	Cts/S
Avg	8100.1
Stddev	51.5
%RSD	.63559

#1	8076.8
#2	8064.4
#3	8159.1

Sample Name: ICV Acquired: 05/08/2020 14:53:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9369842	1.041348	.9569735	1.014337	.9153593	2.308142
Stddev	.0048699	.003751	.0049869	.003598	.0031406	.034109
%RSD	.5197363	.3602417	.5211142	.3547378	.3430976	1.477766

#1	.9313985	1.039865	.9531529	1.014629	.9165367	2.346867
#2	.9392150	1.038565	.9551525	1.010602	.9118002	2.282559
#3	.9403390	1.045614	.9626150	1.017781	.9177410	2.294999

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5116382	.5129482	.5024089	10.14790	.5363881	.4889491
Stddev	.0033733	.0036202	.0016687	.04928	.0015536	.0017912
%RSD	.6593149	.7057716	.3321482	.4856579	.2896353	.3663339

#1	.5150525	.5157643	.5014813	10.20081	.5380192	.4876894
#2	.5083074	.5088646	.5014102	10.10329	.5349258	.4881582
#3	.5115545	.5142155	.5043354	10.13961	.5362193	.4909996

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4844857	10.71665	.5132742	5.586431	.5008899	.2404412
Stddev	.0037270	.05079	.0037126	.047081	.0030770	.0004773
%RSD	.7692661	.4739353	.7233173	.8427699	.6143150	.1985257

#1	.4842093	10.76347	.5175578	5.620072	.4983860	.2408704
#2	.4809046	10.66265	.5112793	5.532626	.4999587	.2405260
#3	.4883432	10.72384	.5109854	5.606594	.5043250	.2399271

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.454275	.5052810	1.097295	8.978080	F .0046632	F .0121279
Stddev	.088352	.0057554	.011186	.065402	.0028481	.0003222
%RSD	.9345204	1.139043	1.019411	.7284637	61.07578	2.656403

#1	9.556289	.5105165	1.084379	8.996273	.0059858	.0124177
#2	9.402293	.4991183	1.103705	8.905507	.0013943	.0121850
#3	9.404242	.5062083	1.103802	9.032459	.0066096	.0117810

Sample Name: ICV Acquired: 05/08/2020 14:53:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0002078	F .1097656	F .0005797	F -.000359	F .0001014	F -.001957
Stddev	.0004249	.0024684	.0002350	.001858	.0003824	.000903
%RSD	204.4802	2.248822	40.54443	517.2485	376.9999	46.14986

#1	.0006409	.1089705	.0005605	.000413	.0005022	-.002180
#2	.0001908	.1125336	.0008237	.000989	-.000259	-.000964
#3	-.000208	.1077927	.0003548	-.002479	.000062	-.002729

Elem	Sr4077
Units	ppm
Avg	F .0012709
Stddev	.0000593
%RSD	4.668417

#1	.0013389
#2	.0012447
#3	.0012293

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1090.207	1541.010	27252.48	8584.646	1992.758
Stddev	5.085	.752	103.11	42.856	3.921
%RSD	.4664601	.0488224	.3783565	.4992203	.1967836

#1	1094.605	1540.159	27195.65	8540.677	1993.690
#2	1084.638	1541.587	27190.28	8626.296	1996.129
#3	1091.377	1541.284	27371.50	8586.964	1988.455

Sample Name: ICB Acquired: 05/08/2020 14:58:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001147	-.001231	-.002233	-.002031	-.000710	-.001855
Stddev	.003218	.001549	.000753	.006084	.001671	.009055
%RSD	280.5460	125.8533	33.70611	299.4994	235.5252	488.0719

#1	.002532	-.001573	-.002736	.003436	.001174	.005578
#2	-.003442	.000461	-.002596	-.000944	-.001289	.000796
#3	-.002531	-.002580	-.001368	-.008586	-.002014	-.011940

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000137	-.000025	-.000008	.0015132	-.000085	.0001478
Stddev	.000509	.000067	.000042	.0053299	.000094	.0001777
%RSD	371.3307	267.8277	541.8871	352.2252	109.7508	120.1943

#1	.000253	.000012	-.000045	.0075347	-.000184	-.000045
#2	.000049	.000016	-.000015	-.002600	.000003	.000184
#3	-.000713	-.000102	.000037	-.000395	-.000076	.000305

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001224	-.006798	.0002071	.0191608	.0002059	.0004126
Stddev	.002266	.004070	.0000802	.0082807	.0004331	.0004888
%RSD	185.0755	59.86196	38.74173	43.21694	210.3006	118.4729

#1	.001348	-.010177	.0002900	.0101684	.0006992	-.000053
#2	-.002925	-.002281	.0001299	.0264718	-.000112	.000921
#3	-.002095	-.007937	.0002013	.0208421	.000030	.000370

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.299401	.0016650	-.001052	.0043820	.0046019	.0015654
Stddev	.247263	.0016294	.005676	.0496977	.0032805	.0003174
%RSD	82.58598	97.86137	539.3854	1134.124	71.28674	20.27778

#1	-.325425	.0033004	-.006916	-.007616	.0067690	.0015068
#2	-.532623	.0000417	-.000655	-.038218	.0062090	.0012813
#3	-.040155	.0016529	.004414	.058981	.0008277	.0019080

Sample Name: ICB Acquired: 05/08/2020 14:58:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000152	F .1121434	-.003367	.0016898	.0012413	-.001286
Stddev	.0000759	.0074496	.001020	.0017010	.0017315	.001419
%RSD	498.0250	6.642958	30.27954	100.6638	139.4860	110.3162

#1	-.000062	.1044158	-.004315	.0002605	.0032388	-.002807
#2	.000090	.1127345	-.002289	.0012377	.0001692	-.001053
#3	.000018	.1192799	-.003498	.0035711	.0003159	.000002

Elem	Sr4077
Units	ppm
Avg	.0000226
Stddev	.0000633
%RSD	279.8016

#1	.0000381
#2	-.000047
#3	.000077

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1076.595	1552.993	27065.23	8474.300	1990.928
Stddev	13.885	4.289	26.16	34.604	1.241
%RSD	1.289757	.2761707	.0966483	.4083448	.0623366

#1	1060.595	1553.465	27038.86	8446.125	1990.589
#2	1083.699	1557.027	27091.17	8463.850	1992.303
#3	1085.491	1548.488	27065.67	8512.925	1989.892

Sample Name: ICSA Acquired: 05/08/2020 15:02:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056652	-.006803	-.009174	.0100445	.0057976	240.7988
Stddev	.0081610	.001922	.001456	.0055745	.0032478	1.0144
%RSD	144.0557	28.25477	15.87096	55.49784	56.02023	.4212502

#1	.0118274	-.007868	-.007761	.0162659	.0092634	240.0517
#2	-.003590	-.007958	-.010669	.0083637	.0053054	241.9536
#3	.008758	-.004584	-.009091	.0055038	.0028239	240.3913

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058837	.0009432	.0012491	250.1734	.0492484	-.000579
Stddev	.0003122	.0000731	.0001771	1.3483	.0004420	.000301
%RSD	5.305564	7.745931	14.17719	.5389482	.8974749	51.99775

#1	.0057990	.0009041	.0013661	248.6271	.0491085	-.000406
#2	.0062294	.0010275	.0010454	250.7896	.0488934	-.000404
#3	.0056226	.0008980	.0013359	251.1035	.0497435	-.000926

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002087	104.6988	.0114081	249.4718	.0012698	-.004887
Stddev	.002307	.3252	.0002366	.5156	.0006327	.000298
%RSD	110.5522	.3106503	2.073855	.2066645	49.82384	6.093908

#1	-.002794	104.3356	.0116475	248.9452	.0006388	-.005157
#2	.000491	104.9632	.0111744	249.9756	.0012664	-.004937
#3	-.003957	104.7977	.0114024	249.4945	.0019041	-.004568

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.370248	.0064707	.0039367	-.170046	F .0107276	F .1082586
Stddev	.114186	.0012113	.0019131	.072958	.0051114	.0006186
%RSD	30.84045	18.72038	48.59607	42.90488	47.64775	.5714338

#1	-.374208	.0076681	.0050316	-.251330	.0053738	.1086135
#2	-.482402	.0052458	.0050507	-.110233	.0155562	.1086180
#3	-.254133	.0064983	.0017277	-.148574	.0112527	.1075443

Sample Name: ICSA Acquired: 05/08/2020 15:02:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000654	F .1135899	-.006642	-.003098	-.001059	.0014876
Stddev	.000123	.0036331	.002164	.001118	.001404	.0012211
%RSD	18.77971	3.198435	32.57506	36.09522	132.5321	82.08407

#1	-.000581	.1167482	-.004739	-.001952	-.001157	.0027725
#2	-.000584	.1096194	-.008996	-.004186	-.002412	.0013478
#3	-.000795	.1144022	-.006192	-.003158	.000391	.0003424

Elem	Sr4077
Units	ppm
Avg	.0993480
Stddev	.0002418
%RSD	.2433442

#1	.0993812
#2	.0990914
#3	.0995715

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1006.957	1441.868	25240.32	8359.857	1730.917
Stddev	5.657	1.409	1.48	28.661	1.096
%RSD	.5618273	.0977058	.0058614	.3428411	.0633273

#1	1005.604	1440.729	25240.59	8378.492	1732.167
#2	1002.099	1441.432	25241.65	8374.226	1730.463
#3	1013.168	1443.444	25238.73	8326.854	1730.120

Sample Name: ICSAB Acquired: 05/08/2020 15:23:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0864731	.1004197	.0411114	.0600239	.5551314	235.4313
Stddev	.0047738	.0008022	.0013409	.0022735	.0035166	1.9319
%RSD	5.520601	.7988108	3.261632	3.787618	.6334667	.8205717

#1	.0887448	.1006909	.0420421	.0578710	.5569050	237.5667
#2	.0809877	.1010510	.0395744	.0597993	.5510812	233.8049
#3	.0896869	.0995170	.0417177	.0624013	.5574080	234.9223

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5019068	.4913825	.9755187	247.2254	.5518759	.4819652
Stddev	.0040623	.0027000	.0019939	1.5544	.0013137	.0009581
%RSD	.8093784	.5494608	.2043983	.6287355	.2380446	.1987992

#1	.5065736	.4945000	.9762098	248.8502	.5505853	.4811902
#2	.4991637	.4898530	.9732711	245.7525	.5518309	.4816688
#3	.4999830	.4897946	.9770751	247.0734	.5532116	.4830365

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4546681	102.8858	.4923834	244.9465	.9681476	.1932305
Stddev	.0013411	.6355	.0032277	1.2706	.0014720	.0005324
%RSD	.2949521	.6176769	.6555287	.5187276	.1520443	.2755050

#1	.4558315	103.6046	.4961080	246.3490	.9667310	.1929680
#2	.4549715	102.3987	.4906371	243.8722	.9680424	.1938432
#3	.4532014	102.6540	.4904050	244.6183	.9696693	.1928805

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.417089	.4821463	1.119391	-.193417	F .0106117	F .1068280
Stddev	.118744	.0007499	.008680	.056839	.0052987	.0020203
%RSD	28.46966	.1555230	.7754571	29.38673	49.93264	1.891135

#1	-.502038	.4828504	1.129023	-.156186	.0149346	.1091304
#2	-.467823	.4822307	1.116978	-.165225	.0122000	.1053518
#3	-.281406	.4813578	1.112173	-.258842	.0047005	.1060018

Sample Name: ICSAB Acquired: 05/08/2020 15:23:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000396	F .1027339	-.004814	-.005780	-.002533	-.001492
Stddev	.000113	.0044685	.001107	.004024	.000904	.000840
%RSD	28.62133	4.349566	23.00004	69.61431	35.70148	56.30546
#1	-.000296	.0979850	-.006037	-.001767	-.001492	-.001215
#2	-.000519	.1068557	-.003880	-.009814	-.003129	-.000825
#3	-.000372	.1033610	-.004525	-.005758	-.002977	-.002435

Elem	Sr4077
Units	ppm
Avg	.0985671
Stddev	.0001116
%RSD	.1132402
#1	.0986524
#2	.0984408
#3	.0986081

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1013.213	1448.406	25434.59	8350.435	1735.516
Stddev	5.019	1.962	89.92	47.669	2.685
%RSD	.4953953	.1354339	.3535223	.5708596	.1547003
#1	1007.521	1446.413	25411.73	8296.784	1733.773
#2	1015.113	1450.335	25358.30	8366.604	1738.607
#3	1017.006	1448.470	25533.73	8387.917	1734.166

Sample Name: CCB073 Acquired: 05/08/2020 15:37:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB073 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005394	.0036083	.0013566	-.000343	.0008416	.0117854
Stddev	.0036053	.0024546	.0016775	.001326	.0019119	.0067533
%RSD	668.4031	68.02640	123.6540	386.5269	227.1770	57.30201

#1	-.003064	.0054683	.0025010	.000132	.0028072	.0183799
#2	.004147	.0008262	.0021377	.000679	-.001012	.0048838
#3	.000535	.0045305	-.000569	-.001841	.000729	.0120927

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001419	-.000090	-.000102	.0181646	-.000049	-.000002
Stddev	.0003919	.000062	.000020	.0072920	.000452	.000130
%RSD	276.1534	69.29161	19.72819	40.14433	927.9836	7364.380

#1	.0004187	-.000108	-.000094	.0197807	.000381	.000144
#2	.0003135	-.000021	-.000087	.0102000	-.000007	-.000107
#3	-.000307	-.000141	-.000125	.0245129	-.000520	-.000043

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010770	.0089721	.0004681	.0293120	.0000073	.0001500
Stddev	.0010392	.0102362	.0002181	.0272084	.0005047	.0002586
%RSD	96.49339	114.0894	46.58323	92.82341	6953.571	172.4025

#1	.0009464	.0205830	.0007048	.0545105	.0004917	-.000148
#2	.0001092	.0050823	.0002754	.0004624	-.000515	.000311
#3	.0021754	.0012510	.0004241	.0329631	.000046	.000287

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.089309	.0012165	-.002093	.0554951	.0060310	.0208322
Stddev	.233228	.0014736	.002186	.0342390	.0033126	.0023474
%RSD	261.1466	121.1355	104.4431	61.69732	54.92553	11.26810

#1	-.285012	.0027830	-.003590	.0233428	.0057100	.0223853
#2	.168763	.0010087	.000416	.0516470	.0028907	.0219796
#3	-.151679	-.000142	-.003105	.0914956	.0094924	.0181318

Sample Name: CCB073 Acquired: 05/08/2020 15:37:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB073 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007241	F .1169768	-.002662	.0019824	-.000871	.0004405
Stddev	.0003843	.0034071	.000281	.0011586	.000712	.0005376
%RSD	53.06743	2.912647	10.54155	58.44561	81.81742	122.0409

#1	.0011517	.1155472	-.002986	.0025370	-.001136	.0004062
#2	.0004077	.1208658	-.002505	.0027594	-.000064	-.000079
#3	.0006129	.1145174	-.002495	.0006507	-.001413	.000994

Elem	Sr4077
Units	ppm
Avg	.0001008
Stddev	.0000299
%RSD	29.64954

#1	.0001311
#2	.0001000
#3	.0000713

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1081.894	1566.747	27152.16	8470.383	1997.836
Stddev	14.058	3.511	133.16	55.841	4.177
%RSD	1.299365	.2240863	.4904353	.6592556	.2090723

#1	1072.001	1570.451	27005.72	8417.300	2002.176
#2	1075.695	1566.322	27184.77	8465.225	1997.487
#3	1097.986	1563.468	27265.98	8528.625	1993.844

Sample Name: CCV073 Acquired: 05/08/2020 15:33:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV073 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.933767	4.815855	24.61470	4.759142	4.823922	417.1774	10.17902
Stddev	.014091	.010900	.04201	.012839	.010811	2.3417	.06251
%RSD	.2855990	.2263414	.1706752	.2697800	.2241166	.5613208	.6140929

#1	4.940100	4.815439	24.59153	4.747923	4.835337	419.3106	10.21991
#2	4.917621	4.826957	24.58937	4.773145	4.813838	417.5499	10.21008
#3	4.943580	4.805168	24.66319	4.756359	4.822591	414.6718	10.10706

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5067037	2.464674	423.7522	15.27296	2.493859	15.26718	420.9145
Stddev	.0005850	.004788	2.3302	.02822	.001949	.04468	1.0390
%RSD	.1154442	.1942561	.5498914	.1847864	.0781535	.2926266	.2468552

#1	.5061826	2.459492	424.4503	15.25852	2.491617	15.24615	421.2059
#2	.5073364	2.468933	425.6536	15.30548	2.495146	15.31848	421.7767
#3	.5065920	2.465599	421.1528	15.25488	2.494815	15.23689	419.7609

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.80020	415.6285	2.482455	1.260207	417.9557	2.476428	15.31831
Stddev	.04668	1.3901	.005089	.001309	2.5281	.019080	.08575
%RSD	.3153889	.3344646	.2049840	.1038520	.6048835	.7704665	.5598127

#1	14.80411	416.1115	2.476888	1.261249	419.5896	2.480535	15.40565
#2	14.84480	416.7128	2.486867	1.258738	419.2339	2.493120	15.31503
#3	14.75169	414.0614	2.483610	1.260633	415.0437	2.455629	15.23424

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	153.7745	5.171287	5.346476	4.939301	5.115047	4.969692	5.053287
Stddev	.4743	.017563	.002105	.014496	.020238	.008118	.008373
%RSD	.3084209	.3396303	.0393691	.2934744	.3956636	.1633552	.1656942

#1	154.1463	5.151365	5.345503	4.954988	5.133963	4.964111	5.043906
#2	153.9368	5.184535	5.345034	4.926402	5.093705	4.965959	5.060002
#3	153.2403	5.177961	5.348892	4.936512	5.117474	4.979005	5.055954

Sample Name: CCV073 Acquired: 05/08/2020 15:33:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV073 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.120221	5.087822	5.019298
Stddev	.025734	.024864	.024827
%RSD	.5025952	.4887035	.4946309

#1	5.095274	5.091828	5.047917
#2	5.146676	5.110441	5.003548
#3	5.118714	5.061199	5.006427

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	914.5453	1306.588	24215.72	8168.970	1546.097
Stddev	2.4244	2.707	59.96	11.677	1.645
%RSD	.2650933	.2071615	.2475941	.1429481	.1063999

#1	911.9069	1304.488	24187.06	8180.691	1547.836
#2	916.6750	1309.643	24175.47	8157.337	1545.889
#3	915.0539	1305.632	24284.63	8168.882	1544.566

Sample Name: PB128724BS Acquired: 05/08/2020 15:46:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS724 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0165208	.0521421	.0186867	.0728858	.1112597	.3844164
Stddev	.0070798	.0020514	.0019636	.0078739	.0019901	.0014485
%RSD	42.85373	3.934310	10.50829	10.80303	1.788664	.3768039

#1	.0116957	.0506624	.0209016	.0655061	.1107461	.3830953
#2	.0246484	.0512798	.0171592	.0719764	.1095767	.3859653
#3	.0132184	.0544839	.0179991	.0811749	.1134562	.3841885

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3484635	.0101885	.0097483	10.06415	.0213082	.0947467
Stddev	.0017925	.0001401	.0000742	.04819	.0005650	.0001667
%RSD	.5144125	1.374948	.7609692	.4788024	2.651353	.1759946

#1	.3463946	.0101245	.0098184	10.00851	.0208089	.0948301
#2	.3494450	.0103491	.0097558	10.09161	.0211943	.0948552
#3	.3495509	.0100918	.0096706	10.09233	.0219214	.0945547

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0432510	.2067009	.0323896	9.693665	.0791123	.0200169
Stddev	.0011104	.0043359	.0007114	.032893	.0004241	.0001812
%RSD	2.567375	2.097689	2.196254	.3393219	.5361354	.9052004

#1	.0420801	.2043268	.0326527	9.656001	.0795942	.0201115
#2	.0433840	.2040706	.0329319	9.716739	.0787957	.0201311
#3	.0442889	.2117055	.0315842	9.708255	.0789470	.0198080

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.586558	.1026034	.1325718	9.040912	.0220981	F .0274920
Stddev	.139560	.0017057	.0024225	.108615	.0013934	.0003912
%RSD	1.455786	1.662406	1.827294	1.201368	6.305419	1.423080

#1	9.477621	.1011581	.1308982	8.920842	.0220549	.0271769
#2	9.538184	.1044848	.1353497	9.069568	.0207267	.0279299
#3	9.743868	.1021675	.1314676	9.132324	.0235125	.0273691

Sample Name: PB128724BS Acquired: 05/08/2020 15:46:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS724 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0197515	F .2734335	.2007583	.0129010	.1997284	F .0917093
Stddev	.0002880	.0041760	.0017163	.0017873	.0009078	.0011174
%RSD	1.458135	1.527226	.8549078	13.85359	.4545134	1.218374

#1	.0194449	.2713486	.1987978	.0109806	.1987111	.0909515
#2	.0197933	.2782413	.2014879	.0145157	.2000184	.0929925
#3	.0200163	.2707104	.2019893	.0132065	.2004558	.0911839

Elem	Sr4077
Units	ppm
Avg	.1941616
Stddev	.0001012
%RSD	.0521304

#1	.1942175
#2	.1942226
#3	.1940448

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1085.384	1561.730	27243.95	8529.153	1987.116
Stddev	8.280	2.218	114.84	11.046	1.240
%RSD	.7628931	.1420318	.4215367	.1295036	.0623936

#1	1085.821	1564.194	27305.64	8537.887	1988.100
#2	1093.438	1561.105	27314.77	8532.834	1985.723
#3	1076.894	1559.892	27111.45	8516.736	1987.523

Sample Name: PB128724BL Acquired: 05/08/2020 15:41:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW724 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011011	.0026765	-.000415	-.000692	.0002642	-.000946
Stddev	.0015778	.0049348	.000745	.000549	.0012625	.002926
%RSD	143.2933	184.3771	179.3283	79.37324	477.8598	309.3294

#1	-.000487	.0082556	.000325	-.000164	.0000648	.001456
#2	.001123	-.001117	-.000406	-.000652	-.000887	-.000089
#3	.002668	.000891	-.001164	-.001260	.001615	-.004205

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000534	-.000070	.0000092	.0002430	-.000207	.0000388
Stddev	.000172	.000016	.0000329	.0136547	.000176	.0000583
%RSD	32.11108	23.30626	358.6088	5618.765	84.81136	150.2414

#1	-.000342	-.000064	-.000022	.0008356	-.000260	.0000927
#2	-.000590	-.000058	.000006	.0135918	-.000011	.0000468
#3	-.000671	-.000089	.000043	-.013698	-.000351	-.000023

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001737	-.001537	.0001884	.0259117	-.000169	.0000825
Stddev	.002365	.007932	.0003272	.0332413	.000314	.0002979
%RSD	136.1479	516.0392	173.6899	128.2871	185.5303	361.1419

#1	.000991	.007531	.0002748	.0636144	-.000051	-.000226
#2	-.003202	-.004957	.0004636	.0008260	.000068	.000105
#3	-.002999	-.007185	-.000173	.0132946	-.000526	.000368

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.044387	.0024301	-.003452	.0180662	.0081482	.0110000
Stddev	.171610	.0009965	.001663	.0948511	.0016990	.0005737
%RSD	386.6220	41.00866	48.17890	525.0185	20.85145	5.215563

#1	-.113460	.0026099	-.004847	.0814928	.0062569	.0106235
#2	-.170698	.0013559	-.001612	.0636805	.0095454	.0107161
#3	.150997	.0033245	-.003897	-.090975	.0086425	.0116603

Sample Name: PB128724BL Acquired: 05/08/2020 15:41:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW724 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000028	F .1094479	-.002025	.0008716	-.000422	.0002352
Stddev	.000175	.0034353	.000869	.0011305	.000837	.0013780
%RSD	626.2021	3.138795	42.93557	129.7080	198.1460	585.8509

#1	.000171	.1132489	-.002983	-.000270	-.001224	.0005079
#2	-.000098	.1065646	-.001803	.000894	-.000489	.0014565
#3	-.000156	.1085301	-.001288	.001991	.000446	-.001259

Elem	Sr4077
Units	ppm
Avg	.0000249
Stddev	.0000215
%RSD	86.56622

#1	.0000406
#2	.0000338
#3	.0000003

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1087.144	1564.716	27243.57	8487.100	1992.296
Stddev	3.765	5.134	62.77	26.223	4.021
%RSD	.3463502	.3281126	.2304196	.3089697	.2018030

#1	1085.721	1570.001	27176.19	8459.175	1994.950
#2	1091.413	1564.398	27300.41	8490.925	1994.268
#3	1084.298	1559.748	27254.12	8511.200	1987.670

Sample Name: L2489-04 Acquired: 05/08/2020 15:58:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFSM9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031251	.0036911	.0029544	-.000901	-.001471	.0480350	.0292976
Stddev	.0031865	.0045278	.0007755	.003050	.000767	.0046490	.0000314
%RSD	101.9646	122.6679	26.24790	338.6366	52.14883	9.678315	.1072399

#1	.0040383	.0052096	.0035078	.000156	-.000975	.0531502	.0293330
#2	.0057552	.0072646	.0020681	.001481	-.002355	.0468876	.0292867
#3	-.000418	-.001401	.0032874	-.004339	-.001083	.0440671	.0292731

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000908	-.000125	70.71703	.0043043	-.001623	.0027591	-.030157
Stddev	.0000601	.000046	.16317	.0002155	.000340	.0019166	.002229
%RSD	66.17310	36.89091	.2307393	5.006063	20.93525	69.46454	7.390039

#1	.0000617	-.000073	70.53547	.0042827	-.001492	.0025309	-.032669
#2	.0001599	-.000162	70.76422	.0045297	-.002009	.0047795	-.028419
#3	.0000509	-.000138	70.85141	.0041004	-.001369	.0009668	-.029382

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0140601	28.06076	.0003219	.0000397	54.48662	.0033448	.0419697
Stddev	.0004409	.02895	.0005897	.0001009	.25025	.0012828	.0003002
%RSD	3.135995	.1031674	183.1792	254.2487	.4592927	38.35240	.7152581

#1	.0137413	28.02933	.0009643	-.000045	54.38490	.0047823	.0422845
#2	.0138757	28.08633	-.000195	.000013	54.30325	.0023164	.0416866
#3	.0145633	28.06663	.000197	.000151	54.77172	.0029358	.0419381

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.166298	.0178245	.0220583	.0006655	5.757433	6.899554	-.003169
Stddev	.120899	.0036650	.0005742	.0005367	.024446	.024136	.001474
%RSD	10.36605	20.56162	2.603278	80.65239	.4245965	.3498180	46.50503

#1	1.302230	.0151450	.0221983	.0011624	5.737156	6.872625	-.002546
#2	1.070794	.0220011	.0225497	.0007378	5.750565	6.906798	-.002109
#3	1.125869	.0163274	.0214271	.0000963	5.784578	6.919238	-.004852

Sample Name: L2489-04 Acquired: 05/08/2020 15:58:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBFSM9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000327	-.005635	.1000645
Stddev	.000484	.001331	.0001979
%RSD	147.7790	23.61029	.1977592

#1	-.000021	-.007165	.0999278
#2	-.000885	-.004992	.1002914
#3	-.000076	-.004749	.0999743

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1106.275	1583.196	27496.89	8685.279	1976.793
Stddev	4.085	3.969	31.47	49.654	5.643
%RSD	.3692844	.2506682	.1144444	.5717003	.2854508

#1	1106.570	1587.482	27526.31	8736.490	1979.800
#2	1110.205	1582.458	27500.64	8637.345	1980.295
#3	1102.050	1579.648	27463.71	8682.002	1970.284

Sample Name: L2489-01LX5 Acquired: 05/08/2020 15:54:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFSM8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011064	.0002930	-.000888	-.000179	.0009250	.0018462	.0048011
Stddev	.0020565	.0038925	.003243	.006576	.0017573	.0058792	.0002613
%RSD	185.8684	1328.396	365.1092	3667.316	189.9692	318.4597	5.443660

#1	.0002828	.0017963	-.001718	.003535	-.000439	-.003891	.0047962
#2	-.000411	-.004127	-.003636	-.007772	.002908	.007858	.0050648
#3	.003447	.003210	.002689	.003699	.000306	.001572	.0045421

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000082	-.000084	13.96971	.0003540	-.000583	.0006292	-.011159
Stddev	.0000534	.000021	.01795	.0003612	.000265	.0013983	.008665
%RSD	649.7252	24.61439	.1284572	102.0462	45.48266	222.2442	77.64407

#1	-.000016	-.000063	13.95931	.0002696	-.000285	-.000369	-.001177
#2	.000069	-.000085	13.95938	.0007499	-.000672	.002227	-.015571
#3	-.000029	-.000104	13.99043	.0000424	-.000793	.000029	-.016731

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001508	5.463605	.0002007	.0001961	10.74867	.0021551	.0059106
Stddev	.0003178	.036566	.0006423	.0002845	.07481	.0012858	.0049829
%RSD	210.7170	.6692686	320.0214	145.0588	.6960176	59.66368	84.30435

#1	-.000209	5.429673	.0004528	.0005204	10.67489	.0032988	.0044293
#2	.000269	5.502332	.0006787	-.000011	10.82447	.0007633	.0018363
#3	.000393	5.458809	-.000529	.000079	10.74666	.0024033	.0114662

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1918307	.0075703	.0078212	.0000528	15.05604	1.341070	-.001067
Stddev	.0847814	.0034064	.0002318	.0002634	.05394	.004314	.000637
%RSD	44.19593	44.99733	2.963244	498.8352	.3582488	.3217077	59.71520

#1	.2809163	.0042726	.0077619	-.000206	15.10528	1.345834	-.001252
#2	.1824403	.0073625	.0076248	.000321	14.99839	1.339949	-.001591
#3	.1121354	.0110759	.0080769	.000044	15.06443	1.337427	-.000358

Sample Name: L2489-01LX5 Acquired: 05/08/2020 15:54:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBFSM8L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000568	-.001692	.0201551
Stddev	.000408	.001245	.0001356
%RSD	71.85381	73.59420	.6729610

#1	-.000972	-.003089	.0203113
#2	-.000576	-.001287	.0200880
#3	-.000156	-.000700	.0200662

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1081.746	1555.491	27076.34	8557.850	1989.910
Stddev	2.098	2.132	63.31	19.085	3.173
%RSD	.1939181	.1370314	.2338273	.2230153	.1594460

#1	1082.735	1555.263	27114.00	8552.975	1989.509
#2	1083.167	1557.727	27111.77	8541.675	1993.265
#3	1079.337	1553.482	27003.24	8578.900	1986.957

Sample Name: L2489-05 Acquired: 05/08/2020 16:02:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBFSN0 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055653	.0048165	.0015380	.0032512	-.000135	-.022505	.0266031
Stddev	.0027579	.0015858	.0010120	.0033980	.002318	.010268	.0001355
%RSD	49.55540	32.92455	65.79585	104.5152	1712.386	45.62280	.5093539

#1	.0050604	.0029862	.0003766	.0019942	-.002804	-.032748	.0267541
#2	.0030947	.0057804	.0022299	.0070986	.001378	-.022556	.0265631
#3	.0085407	.0056828	.0020076	.0006608	.001020	-.012213	.0264921

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000297	-.000083	72.65942	.0042712	-.001562	.0031311	-.038379
Stddev	.0001044	.000076	.04126	.0002537	.000239	.0039717	.002879
%RSD	351.8503	91.57589	.0567865	5.939659	15.33311	126.8478	7.501969

#1	.0000431	-.000074	72.70647	.0039870	-.001308	.0000850	-.041632
#2	-.000081	-.000012	72.62944	.0043515	-.001594	.0076233	-.037347
#3	.000127	-.000162	72.64234	.0044750	-.001784	.0016851	-.036158

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022909	28.68357	.0006328	.0003690	56.22877	.0035205	.0272142
Stddev	.0003603	.03117	.0006476	.0002635	.47266	.0018918	.0020731
%RSD	15.72831	.1086837	102.3478	71.39916	.8406099	53.73705	7.617641

#1	.0024558	28.65029	.0012054	.0006563	55.79785	.0020923	.0287240
#2	.0025393	28.71209	.0007629	.0003122	56.73430	.0028031	.0248506
#3	.0018776	28.68833	-.000070	.0001386	56.15418	.0056660	.0280682

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.197831	.0159666	.0217252	.0008940	81.11910	7.013034	-.003829
Stddev	.060686	.0017643	.0012904	.0002013	.23853	.030156	.001031
%RSD	5.066311	11.05004	5.939659	22.52216	.2940449	.4300011	26.93707

#1	1.193246	.0158212	.0227659	.0009944	80.92131	7.043922	-.002871
#2	1.139567	.0177990	.0221283	.0010254	81.05201	7.011513	-.003693
#3	1.260679	.0142794	.0202813	.0006622	81.38399	6.983668	-.004921

Sample Name: L2489-05 Acquired: 05/08/2020 16:02:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBFSN0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001330	-.006819	.1038991
Stddev	.001056	.000469	.0001499
%RSD	79.37142	6.877854	.1442991

#1	-.000590	-.006906	.1040367
#2	-.002539	-.006313	.1039213
#3	-.000862	-.007239	.1037393

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1084.558	1572.525	27035.01	8630.632	1974.652
Stddev	6.471	4.307	162.61	22.704	5.934
%RSD	.5966352	.2739057	.6014962	.2630630	.3004997

#1	1091.004	1577.127	27219.61	8605.342	1980.622
#2	1084.606	1571.857	26972.49	8637.297	1974.578
#3	1078.063	1568.591	26912.93	8649.258	1968.756

Sample Name: L2489-06 Acquired: 05/08/2020 16:06:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFSN2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056303	.0038443	.0001311	-.003071	-.000624	-.018829	.0252800
Stddev	.0008663	.0011645	.0010632	.004750	.001086	.006108	.0007893
%RSD	15.38677	30.29041	810.7546	154.6795	174.0759	32.43891	3.122419

#1	.0057959	.0051843	.0012368	.000181	-.001289	-.019237	.0261869
#2	.0064018	.0032702	.0000405	-.000872	-.001212	-.024723	.0247473
#3	.0046931	.0030783	-.000884	-.008523	.000629	-.012527	.0249059

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000952	-.000064	71.82308	.0041484	-.001593	-.000228	-.038836
Stddev	.0000776	.000065	.31676	.0003465	.000496	.000799	.001874
%RSD	81.52067	101.3149	.4410346	8.352153	31.14228	350.3229	4.826021

#1	.0000415	-.000031	72.18286	.0045465	-.002000	-.000275	-.040764
#2	.0001842	-.000139	71.70025	.0039150	-.001738	-.001003	-.038722
#3	.0000599	-.000023	71.58612	.0039838	-.001040	.000594	-.037021

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003759	28.31498	.0006459	.0002368	55.80822	.0027166	.0492651
Stddev	.0003060	.14045	.0001612	.0003182	.20411	.0013858	.0017081
%RSD	81.40156	.4960343	24.95550	134.3702	.3657360	51.01028	3.467180

#1	.0000420	28.47707	.0004644	.0001199	56.02870	.0023188	.0478108
#2	.0006429	28.23861	.0007723	-.000006	55.77010	.0015733	.0511462
#3	.0004429	28.22926	.0007009	.000597	55.62585	.0042578	.0488384

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.218117	.0125678	.0214159	.0006670	79.66349	6.893084	-.003797
Stddev	.062133	.0021690	.0003224	.0005523	.14778	.008467	.001475
%RSD	5.100720	17.25809	1.505342	82.81068	.1854995	.1228334	38.84419

#1	1.256343	.0102077	.0210803	.0000831	79.49805	6.899869	-.003416
#2	1.251583	.0144737	.0214441	.0011811	79.71001	6.895787	-.002550
#3	1.146425	.0130219	.0217232	.0007368	79.78240	6.883596	-.005425

Sample Name: L2489-06 Acquired: 05/08/2020 16:06:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBFSN2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001695	-.006389	.1031140
Stddev	.000687	.000428	.0001840
%RSD	40.52904	6.700675	.1784514

#1	-.002043	-.006810	.1033023
#2	-.000903	-.006404	.1031052
#3	-.002137	-.005954	.1029346

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1092.485	1567.346	27158.47	8653.208	1968.039
Stddev	4.611	5.986	108.35	10.810	5.272
%RSD	.4220528	.3819218	.3989372	.1249242	.2678667

#1	1097.679	1572.633	27250.26	8641.209	1971.694
#2	1090.900	1568.559	27186.21	8662.185	1970.427
#3	1088.875	1560.846	27038.96	8656.231	1961.996

Sample Name: PB128759BL Acquired: 05/08/2020 16:10:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW759 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062443	-.000891	-.003388	.0012937	.0015193	.0006526
Stddev	.0024250	.004178	.003034	.0024386	.0022651	.0043998
%RSD	38.83589	468.6731	89.55698	188.5045	149.0957	674.2247

#1	.0086178	.002407	.000055	.0028698	.0002762	.0056888
#2	.0037708	.000507	-.005671	-.001515	.0041338	-.001287
#3	.0063444	-.005589	-.004549	.002526	.0001478	-.002445

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000388	-.000070	-.000121	.0025107	.0001473	-.000096
Stddev	.000585	.000037	.000055	.0074373	.0003362	.000361
%RSD	150.6768	53.18974	45.87843	296.2292	228.3300	377.7989

#1	-.000620	-.000108	-.000185	-.000105	-.000218	-.000491
#2	-.000821	-.000034	-.000088	.010902	.000445	-.000013
#3	.000277	-.000067	-.000089	-.003265	.000215	.000217

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001427	.0022709	.0001249	.0081193	-.000052	-.000118
Stddev	.002382	.0068883	.0001639	.0191604	.000508	.000132
%RSD	166.8920	303.3319	131.2104	235.9876	969.3136	111.6748

#1	-.001515	-.002067	.0000964	-.006801	-.000579	-.000008
#2	-.003765	.010214	.0003011	.001432	.000436	-.000081
#3	.000997	-.001333	-.000023	.029727	-.000014	-.000264

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.204802	.0003993	-.003099	-.031716	.0040227	.0018062
Stddev	.042972	.0016697	.002585	.073618	.0039749	.0015820
%RSD	20.98203	418.1209	83.41553	232.1129	98.81168	87.58968

#1	-.156856	-.000865	-.000782	-.061801	-.000314	.0033994
#2	-.217709	-.000229	-.002627	-.085528	.004888	.0002356
#3	-.239841	.002292	-.005887	.052179	.007494	.0017836

Sample Name: PB128759BL Acquired: 05/08/2020 16:10:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW759 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002027	F .1123515	-.002236	-.000128	.0002491	-.001898
Stddev	.0003773	.0027050	.000829	.000617	.0009121	.000496
%RSD	186.1437	2.407658	37.08385	482.1210	366.1786	26.15829
#1	-.000202	.1098401	-.001433	-.000009	-.000614	-.002463
#2	.000544	.1152155	-.002184	.000421	.001203	-.001698
#3	.000266	.1119988	-.003089	-.000796	.000158	-.001532

Elem	Sr4077
Units	ppm
Avg	-.000051
Stddev	.000034
%RSD	66.08055
#1	-.000018
#2	-.000085
#3	-.000050

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1070.388	1541.458	26986.49	8489.542	1962.394
Stddev	9.075	3.472	78.46	17.582	.866
%RSD	.8478284	.2252454	.2907561	.2071007	.0441482
#1	1060.196	1540.431	26912.09	8476.675	1961.918
#2	1073.374	1538.615	26978.90	8509.575	1961.869
#3	1077.594	1545.327	27068.47	8482.375	1963.393

Sample Name: PB128759BS Acquired: 05/08/2020 16:14:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS759 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0147900	.0550941	.0201120	.0715779	.1116514	.3863301
Stddev	.0016080	.0019838	.0002153	.0004194	.0019257	.0053918
%RSD	10.87229	3.600809	1.070437	.5859195	1.724706	1.395637

#1	.0136638	.0553965	.0200513	.0711004	.1137895	.3858292
#2	.0166316	.0569094	.0203511	.0717464	.1111112	.3812063
#3	.0140747	.0529765	.0199336	.0718868	.1100535	.3919549

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3583813	.0101181	.0097369	10.16966	.0216346	.0939687
Stddev	.0031033	.0000529	.0000308	.04124	.0005012	.0007111
%RSD	.8659337	.5224574	.3161762	.4054974	2.316776	.7567115

#1	.3564520	.0101143	.0097486	10.12230	.0221122	.0947803
#2	.3567309	.0100673	.0097601	10.18911	.0216791	.0936704
#3	.3619612	.0101728	.0097020	10.19758	.0211127	.0934553

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0431977	.2102263	.0321460	9.754387	.0796175	.0201528
Stddev	.0025907	.0052692	.0004159	.010872	.0003480	.0004348
%RSD	5.997418	2.506438	1.293912	.1114555	.4370455	2.157370

#1	.0433940	.2047814	.0317459	9.758390	.0792553	.0196509
#2	.0405143	.2153002	.0321159	9.742081	.0799492	.0203948
#3	.0456847	.2105971	.0325761	9.762690	.0796479	.0204127

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.711933	.1029091	.1305977	9.149673	.0213437	F .0228714
Stddev	.157209	.0009341	.0049930	.133825	.0038726	.0004150
%RSD	1.618722	.9076512	3.823159	1.462620	18.14393	1.814525

#1	9.834383	.1039765	.1319724	8.998677	.0170110	.0232674
#2	9.534651	.1022414	.1250614	9.196723	.0244681	.0224397
#3	9.766765	.1025095	.1347593	9.253619	.0225519	.0229071

Sample Name: PB128759BS Acquired: 05/08/2020 16:14:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS759 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193278	F .2767206	.2022354	.0124397	.1998102	F .0920641
Stddev	.0004639	.0055928	.0022207	.0005344	.0004197	.0017812
%RSD	2.400120	2.021093	1.098068	4.295854	.2100325	1.934784

#1	.0188528	.2787350	.2006654	.0118238	.1996266	.0908794
#2	.0193508	.2703996	.2047762	.0127799	.2002903	.0912003
#3	.0197798	.2810271	.2012647	.0127156	.1995135	.0941125

Elem	Sr4077
Units	ppm
Avg	.1949486
Stddev	.0003923
%RSD	.2012355

#1	.1945310
#2	.1950052
#3	.1953095

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1072.253	1552.075	26931.80	8456.953	1978.180
Stddev	10.532	1.482	77.08	3.145	4.637
%RSD	.9822203	.0954897	.2862139	.0371826	.2344092

#1	1081.914	1553.516	26925.42	8460.265	1976.224
#2	1061.026	1550.555	26858.10	8456.587	1974.842
#3	1073.821	1552.154	27011.87	8454.008	1983.475

Sample Name: L2539-02 Acquired: 05/08/2020 16:22:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MAOAE9D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072652	.0017372	.0057280	.0013373	-.001055	-.028402	.2043407
Stddev	.0048604	.0025935	.0015144	.0043452	.003494	.005123	.0009727
%RSD	66.89990	149.2914	26.43904	324.9255	331.3299	18.03781	.4759936

#1	.0125061	.0013786	.0063150	.0011404	-.001500	-.026603	.2033511
#2	.0029060	-.000658	.0040080	.0057775	-.004305	-.024421	.2052955
#3	.0063834	.004491	.0068611	-.002906	.002641	-.034182	.2043755

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000526	-.000040	120.1943	.0006661	-.001623	.0039895	-.051070
Stddev	.0000966	.000053	.3239	.0002418	.000293	.0026720	.003102
%RSD	183.7952	130.5896	.2694409	36.30697	18.08030	66.97642	6.073162

#1	-.000048	-.000100	119.8280	.0008396	-.001886	.0011112	-.047642
#2	.000061	-.000020	120.4426	.0003899	-.001307	.0063910	-.051886
#3	.000145	-.000001	120.3125	.0007689	-.001675	.0044663	-.053681

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030037	40.66715	.0002711	.0003976	29.14625	.0026874	.0344744
Stddev	.0000729	.01610	.0003890	.0001825	.20483	.0017461	.0041110
%RSD	2.426915	.0395833	143.4804	45.88905	.7027558	64.97482	11.92485

#1	.0030585	40.66995	-.000068	.0006058	29.06047	.0045731	.0344712
#2	.0029209	40.64983	.000185	.0002655	29.38002	.0023625	.0385870
#3	.0030316	40.68166	.000696	.0003215	28.99826	.0011265	.0303650

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.321272	.0657721	.0289010	.0001464	19.79628	9.898872	-.005248
Stddev	.030080	.0037598	.0002895	.0000918	.01903	.061906	.001118
%RSD	1.295825	5.716401	1.001790	62.66598	.0961122	.6253847	21.29480

#1	2.286952	.0693309	.0291769	.0000874	19.79314	9.970055	-.006469
#2	2.333809	.0618393	.0289265	.0002522	19.77902	9.868937	-.005002
#3	2.343055	.0661461	.0285995	.0000997	19.81668	9.857622	-.004275

Sample Name: L2539-02 Acquired: 05/08/2020 16:22:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MAOAE9D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002745	.0332975	.6410691
Stddev	.000478	.0010435	.0018269
%RSD	17.40075	3.133828	.2849851

#1	-.002860	.0336638	.6390687
#2	-.002220	.0341084	.6426494
#3	-.003154	.0321202	.6414890

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1078.789	1552.768	26988.53	8581.805	1937.665
Stddev	3.398	1.266	48.99	21.369	1.037
%RSD	.3149938	.0815136	.1815342	.2490047	.0535263

#1	1076.687	1554.139	27007.03	8559.435	1936.688
#2	1076.971	1552.518	26932.98	8602.008	1938.754
#3	1082.710	1551.645	27025.58	8583.973	1937.553

Sample Name: L2539-01 Acquired: 05/08/2020 16:18:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AE9 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084260	-.000592	.0026196	-.001335	-.001334	-.036130	.2136492
Stddev	.0046042	.006482	.0013575	.002143	.001128	.009127	.0194276
%RSD	54.64239	1094.909	51.82058	160.5768	84.51831	25.26277	9.093220

#1	.0057344	.006619	.0033368	.000195	-.000566	-.035939	.2036056
#2	.0058013	-.002461	.0010540	-.003784	-.000808	-.045350	.2360427
#3	.0137423	-.005934	.0034681	-.000415	-.002629	-.027099	.2012993

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000016	-.000061	126.2909	.0003404	-.001598	.0032786	-.051226
Stddev	.000054	.000070	11.9088	.0002016	.000371	.0016067	.005066
%RSD	343.4752	114.4803	9.429641	59.21357	23.19378	49.00650	9.889340

#1	-.000023	.000001	120.2634	.0004838	-.001252	.0030472	-.045507
#2	-.000066	-.000137	140.0084	.0004276	-.001989	.0049884	-.055150
#3	.000042	-.000048	118.6009	.0001099	-.001554	.0018001	-.053021

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030829	42.79150	-.000138	.0005305	30.54583	.0029671	.0323631
Stddev	.0003924	4.07711	.000308	.0000786	2.97071	.0014947	.0027924
%RSD	12.72949	9.527844	223.6340	14.81427	9.725431	50.37492	8.628307

#1	.0031946	40.78068	-.000311	.0005290	28.81219	.0037546	.0292152
#2	.0034073	47.48341	-.000321	.0004526	33.97605	.0012434	.0345415
#3	.0026467	40.11041	.000218	.0006097	28.84925	.0039034	.0333326

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.453602	.0628482	.0305782	.0003616	19.68144	10.36690	-.005791
Stddev	.277732	.0052159	.0032241	.0004190	.05900	.86057	.002397
%RSD	11.31935	8.299129	10.54375	115.8589	.2997737	8.301161	41.39674

#1	2.384419	.0568337	.0287880	.0000411	19.64069	9.92979	-.007215
#2	2.759387	.0661281	.0343002	.0008357	19.65453	11.35830	-.003023
#3	2.217002	.0655828	.0286465	.0002081	19.74910	9.81261	-.007135

Sample Name: L2539-01 Acquired: 05/08/2020 16:18:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AE9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002883	.0361415	.6757170
Stddev	.001142	.0033490	.0627601
%RSD	39.62262	9.266231	9.287929

#1	-.001779	.0346501	.6414311
#2	-.004060	.0399771	.7481518
#3	-.002809	.0337973	.6375681

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1088.679	1563.471	27153.48	8240.924	1951.869
Stddev	6.140	2.517	58.51	665.501	3.203
%RSD	.5639608	.1610148	.2154870	8.075557	.1641114

#1	1087.393	1566.341	27085.94	8574.020	1955.011
#2	1095.359	1561.632	27185.51	7474.646	1951.989
#3	1083.283	1562.442	27188.98	8674.105	1948.608

Sample Name: L2539-01LX5 Acquired: 05/08/2020 16:30:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AE9L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078668	.0020798	.0006132	-.002000	-.000275	-.005536	.0391809
Stddev	.0017289	.0010763	.0011802	.002269	.001494	.006098	.0005419
%RSD	21.97739	51.75175	192.4606	113.4629	543.8782	110.1581	1.383020

#1	.0059398	.0021334	.0014680	-.004516	-.001164	-.001506	.0396362
#2	.0083782	.0009776	.0011049	-.001377	-.001111	-.012551	.0393248
#3	.0092823	.0031282	-.000733	-.000107	.001450	-.002550	.0385815

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000007	-.000095	23.18690	-.000069	-.001096	-.001263	-.004197
Stddev	.000004	.000091	.04405	.000488	.000288	.002390	.003419
%RSD	54.46660	96.48145	.1899977	706.2112	26.27631	189.2157	81.47053

#1	-.000006	-.000085	23.23679	-.000425	-.001349	-.001854	-.006263
#2	-.000012	-.000191	23.15335	-.000269	-.001156	-.003301	-.000250
#3	-.000005	-.000008	23.17056	.000487	-.000782	.001367	-.006078

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004184	7.743943	-.000233	.0003137	5.418386	.0027376	.0060060
Stddev	.0002057	.045504	.000681	.0004662	.068975	.0020515	.0058670
%RSD	49.15096	.5876027	292.9000	148.6166	1.272984	74.93693	97.68511

#1	.0001819	7.785937	.000554	-.000054	5.464483	.0008148	.0034867
#2	.0005548	7.750295	-.000620	.000838	5.339089	.0025010	.0018194
#3	.0005185	7.695597	-.000632	.000157	5.451584	.0048972	.0127119

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3491894	.0160569	.0063037	-.000086	3.763478	1.903468	.0000258
Stddev	.0558212	.0017370	.0004551	.000228	.003777	.010834	.0008932
%RSD	15.98593	10.81803	7.219545	266.0557	.1003701	.5691726	3464.278

#1	.3030435	.0179096	.0068112	.000150	3.766526	1.915978	.0005646
#2	.4112356	.0157959	.0059317	-.000102	3.759252	1.897135	-.001005
#3	.3332889	.0144651	.0061682	-.000306	3.764656	1.897291	.000518

Sample Name: L2539-01LX5 Acquired: 05/08/2020 16:30:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AE9L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003342	.0048401	.1250825
Stddev	.0010693	.0004241	.0002443
%RSD	319.9503	8.761620	.1953274

#1	-.000079	.0046582	.1250447
#2	.001549	.0053248	.1253436
#3	-.000467	.0045373	.1248593

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1073.106	1541.078	26935.54	8489.367	1961.638
Stddev	6.039	2.488	95.89	28.914	1.261
%RSD	.5627500	.1614710	.3559795	.3405945	.0642788

#1	1069.042	1538.739	26914.87	8456.025	1963.007
#2	1080.045	1540.804	27040.08	8507.550	1961.381
#3	1070.230	1543.693	26851.68	8504.525	1960.525

Sample Name: L2539-04 Acquired: 05/08/2020 16:35:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AF1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065027	.0058090	.0020391	-.000520	.0010018	-.007478	.2019494
Stddev	.0013224	.0010618	.0017099	.003318	.0015008	.008342	.0005453
%RSD	20.33668	18.27777	83.85449	637.5048	149.8102	111.5512	.2700312

#1	.0074541	.0045834	.0017016	-.001488	.0003528	-.015100	.2024625
#2	.0049926	.0064500	.0005232	-.003247	.0027178	.001434	.2013767
#3	.0070615	.0063935	.0038926	.003174	-.000065	-.008768	.2020089

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000550	-.000126	118.8290	.0005141	-.001897	.0023036	-.051059
Stddev	.0000167	.000062	.1911	.0002157	.000214	.0023418	.003603
%RSD	30.34249	49.14462	.1608546	41.95586	11.28135	101.6597	7.056654

#1	.0000691	-.000060	118.8968	.0004491	-.002115	.0033193	-.047115
#2	.0000366	-.000135	118.6132	.0003384	-.001687	.0039660	-.051886
#3	.0000594	-.000184	118.9771	.0007548	-.001890	-.000375	-.054177

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025521	40.26241	-.000098	.0004701	29.05589	.0036018	.0579796
Stddev	.0004801	.19928	.000206	.0000778	.35810	.0024925	.0014023
%RSD	18.81247	.4949457	209.7498	16.54139	1.232461	69.20187	2.418658

#1	.0022951	40.23099	-.000074	.0003804	28.72901	.0015074	.0566446
#2	.0031060	40.08071	.000094	.0005171	29.00002	.0029395	.0594407
#3	.0022552	40.47553	-.000316	.0005128	29.43864	.0063586	.0578537

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.176862	.0626838	.0307689	.0006388	19.67174	9.784143	-.004819
Stddev	.046362	.0012592	.0005354	.0003614	.05174	.052727	.001148
%RSD	2.129782	2.008791	1.739936	56.57142	.2630069	.5388987	23.82773

#1	2.124857	.0616448	.0302034	.0008170	19.61361	9.812768	-.003502
#2	2.191858	.0640842	.0312678	.0002229	19.68885	9.723295	-.005612
#3	2.213870	.0623225	.0308356	.0008764	19.71275	9.816367	-.005343

Sample Name: L2539-04 Acquired: 05/08/2020 16:35:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AF1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002553	.0344129	.6389274
Stddev	.000667	.0006942	.0003112
%RSD	26.11963	2.017180	.0486983

#1	-.002501	.0352123	.6387326
#2	-.001914	.0340635	.6387633
#3	-.003245	.0339628	.6392862

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1085.738	1556.418	27181.52	8647.796	1943.948
Stddev	8.136	3.719	86.43	39.548	3.044
%RSD	.7493177	.2389291	.3179560	.4573229	.1565694

#1	1094.804	1559.141	27258.64	8634.078	1946.799
#2	1083.333	1552.181	27197.81	8692.377	1940.743
#3	1079.075	1557.931	27088.11	8616.933	1944.302

Sample Name: L2489-02 Acquired: 05/08/2020 16:47:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFSM8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060697	.0045307	.0019347	-.004388	-.002025	-.013239	.0253723
Stddev	.0019104	.0007973	.0019721	.005977	.000325	.005391	.0003204
%RSD	31.47399	17.59859	101.9337	136.2140	16.06916	40.71938	1.262845

#1	.0075882	.0036894	.0041181	.002312	-.001958	-.019215	.0250110
#2	.0066961	.0046275	.0014028	-.009173	-.002379	-.011761	.0256218
#3	.0039248	.0052753	.0002831	-.006303	-.001739	-.008742	.0254842

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000472	-.000129	72.59133	.0041106	-.001391	-.000097	-.043466
Stddev	.0000184	.000059	.29428	.0004948	.000047	.001756	.010633
%RSD	39.03509	45.51822	.4053861	12.03626	3.358129	1805.186	24.46258

#1	.0000402	-.000181	72.89215	.0040647	-.001422	.000734	-.046919
#2	.0000681	-.000065	72.30407	.0036404	-.001414	.001089	-.051943
#3	.0000333	-.000140	72.57776	.0046267	-.001337	-.002114	-.031535

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004639	28.41498	.0012289	.0002447	55.95697	.0010369	.0499471
Stddev	.0005104	.12746	.0006352	.0002828	.36548	.0021595	.0026529
%RSD	110.0093	.4485669	51.69116	115.5703	.6531359	208.2717	5.311388

#1	.0005041	28.55788	.0016516	.0002657	56.08662	.0009489	.0506442
#2	.0009530	28.31302	.0004984	.0005163	55.54434	-.001077	.0521819
#3	-.000065	28.37406	.0015366	-.000048	56.23994	.003239	.0470153

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.192168	.0145793	.0193436	.0002453	80.48888	7.007927	-.003473
Stddev	.026411	.0039518	.0004632	.0001733	.19907	.032231	.001265
%RSD	2.215383	27.10579	2.394763	70.64025	.2473286	.4599187	36.42638

#1	1.161718	.0127079	.0188404	.0001821	80.27012	7.031460	-.004008
#2	1.208853	.0191192	.0194383	.0001125	80.53713	7.021130	-.002028
#3	1.205933	.0119108	.0197522	.0004413	80.65939	6.971191	-.004382

Sample Name: L2489-02 Acquired: 05/08/2020 16:47:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBFSM8D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001497	-.005888	.1046511
Stddev	.000586	.001571	.0003891
%RSD	39.16429	26.68796	.3717734

#1	-.002166	-.004448	.1047595
#2	-.001074	-.007564	.1042193
#3	-.001250	-.005651	.1049744

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1088.621	1569.594	27257.64	8596.166	1968.021
Stddev	4.494	1.531	59.68	20.342	.661
%RSD	.4128192	.0975195	.2189424	.2366396	.0335704

#1	1090.612	1570.406	27321.89	8580.975	1968.032
#2	1083.475	1570.547	27247.12	8588.246	1968.676
#3	1091.775	1567.828	27203.93	8619.276	1967.355

Sample Name: L2489-01 Acquired: 05/08/2020 16:43:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFSM8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069694	.0026272	.0031639	-.003579	-.000846	-.021632	.0254553
Stddev	.0074971	.0011163	.0016032	.001573	.002147	.007448	.0006342
%RSD	107.5715	42.49101	50.66973	43.94774	253.9740	34.43185	2.491330

#1	.0088995	.0037254	.0016674	-.005270	-.003320	-.019139	.0260057
#2	-.001304	.0026627	.0029685	-.002159	.000258	-.015750	.0255985
#3	.013313	.0014935	.0048558	-.003308	.000526	-.030007	.0247618

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000268	-.000072	72.22240	.0040511	-.001431	.0000908	-.041118
Stddev	.0000437	.000083	.23351	.0004995	.000073	.0032731	.003139
%RSD	163.1945	115.1630	.3233164	12.33068	5.066755	3604.757	7.633676

#1	.0000424	-.000006	72.48288	.0044762	-.001424	.0033305	-.044089
#2	.0000606	-.000044	72.03183	.0041762	-.001362	-.003215	-.041430
#3	-.000023	-.000165	72.15249	.0035009	-.001506	.000157	-.037835

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004792	28.38485	.0002845	-.000197	55.83576	.0022257	.0517258
Stddev	.0004030	.05889	.0006422	.000261	.13221	.0012554	.0023399
%RSD	84.10451	.2074541	225.7360	132.2675	.2367838	56.40445	4.523589

#1	.0009323	28.45209	-.000455	-.000494	55.95746	.0033466	.0544272
#2	.0001608	28.34245	.000704	-.000006	55.85474	.0024612	.0503287
#3	.0003445	28.36002	.000604	-.000092	55.69509	.0008692	.0504217

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.175819	.0134135	.0198062	.0007635	80.64924	6.952590	-.004235
Stddev	.019916	.0034453	.0011428	.0001933	.19642	.039537	.002069
%RSD	1.693823	25.68501	5.769680	25.31221	.2435446	.5686627	48.85461

#1	1.198047	.0104226	.0210579	.0005505	80.42260	6.998151	-.005974
#2	1.169814	.0126371	.0188187	.0009277	80.76987	6.927291	-.001947
#3	1.159597	.0171806	.0195418	.0008123	80.75527	6.932330	-.004784

Sample Name: L2489-01 Acquired: 05/08/2020 16:43:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBFSM8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001427	-.006480	.1039756
Stddev	.000354	.001157	.0001268
%RSD	24.82933	17.85841	.1219585

#1	-.001085	-.006406	.1038323
#2	-.001402	-.005361	.1040731
#3	-.001793	-.007672	.1040216

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1096.138	1567.185	27256.70	8642.695	1966.439
Stddev	10.726	3.416	125.82	59.379	6.282
%RSD	.9785331	.2179901	.4615976	.6870398	.3194680

#1	1102.635	1571.066	27309.26	8574.352	1973.516
#2	1102.021	1565.855	27347.71	8681.637	1964.278
#3	1083.758	1564.633	27113.12	8672.096	1961.522

Sample Name: L2539-03 Acquired: 05/08/2020 16:59:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AE9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0437583	.0587917	.0249718	.0529857	.0917879	1.914017	2.337825
Stddev	.0044265	.0040502	.0015948	.0037427	.0017317	.006352	.010240
%RSD	10.11589	6.889070	6.386366	7.063620	1.886623	.3318700	.4379984

#1	.0479670	.0631652	.0233967	.0564718	.0899876	1.920512	2.346324
#2	.0441657	.0580394	.0249330	.0534548	.0934417	1.913722	2.326457
#3	.0391421	.0551703	.0265856	.0490306	.0919343	1.907818	2.340694

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0545525	.0523087	119.2509	.2217752	.5109137	.2263402	1.090048
Stddev	.0002331	.0001172	.5255	.0007115	.0012571	.0008862	.019722
%RSD	.4272893	.2239781	.4406645	.3208376	.2460405	.3915195	1.809318

#1	.0544660	.0521809	119.7750	.2215523	.5098719	.2263883	1.099868
#2	.0548164	.0524110	118.7240	.2212018	.5105592	.2272013	1.067343
#3	.0543750	.0523343	119.2538	.2225715	.5123099	.2254310	1.102932

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5320636	40.17567	.5156777	.0538331	28.62312	.5257775	.6399521
Stddev	.0024715	.04603	.0008211	.0005541	.34230	.0029830	.0049497
%RSD	.4645209	.1145621	.1592221	1.029363	1.195895	.5673418	.7734451

#1	.5343001	40.22622	.5148808	.0544225	28.95491	.5278757	.6455847
#2	.5294100	40.13619	.5156314	.0533228	28.27120	.5223628	.6379753
#3	.5324807	40.16462	.5165210	.0537538	28.64326	.5270941	.6362963

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.244614	.0582332	.0279680	.0005814	19.66017	9.774366	-.004783
Stddev	.042903	.0029461	.0010721	.0004295	.03285	.028030	.002912
%RSD	1.911368	5.059097	3.833324	73.86588	.1670638	.2867666	60.88627

#1	2.294079	.0593447	.0290032	.0002029	19.63104	9.789366	-.001847
#2	2.217518	.0548930	.0280384	.0004932	19.69577	9.791704	-.004831
#3	2.222246	.0604618	.0268625	.0010482	19.65371	9.742029	-.007670

Sample Name: L2539-03 Acquired: 05/08/2020 16:59:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AE9S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002803	.0337699	.6394936
Stddev	.000825	.0002333	.0018053
%RSD	29.45143	.6907142	.2823054

#1	-.002021	.0340384	.6413914
#2	-.003666	.0336172	.6377977
#3	-.002721	.0336541	.6392916

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1081.123	1549.337	27023.79	8561.858	1933.664
Stddev	8.031	3.176	31.61	23.858	1.286
%RSD	.7428518	.2050219	.1169790	.2786571	.0664817

#1	1072.969	1550.317	27020.16	8584.812	1933.455
#2	1081.375	1545.786	27057.06	8537.188	1932.495
#3	1089.025	1551.908	26994.15	8563.573	1935.041

Sample Name: L2489-03 Acquired: 05/08/2020 16:55:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBFSM8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0409260	.0568083	.0247113	.0545974	.0948645	1.964954	2.198237
Stddev	.0015080	.0015673	.0016426	.0034482	.0013966	.020466	.007313
%RSD	3.684809	2.758858	6.646965	6.315597	1.472169	1.041572	.3326782

#1	.0424324	.0578526	.0229121	.0585053	.0960402	1.960324	2.194232
#2	.0409294	.0550062	.0261308	.0519833	.0933208	1.987339	2.206678
#3	.0394163	.0575663	.0250909	.0533035	.0952324	1.947200	2.193801

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0558991	.0531833	71.65669	.2281377	.5229777	.2306162	1.126604
Stddev	.0001620	.0000438	.33977	.0006249	.0005606	.0023288	.002588
%RSD	.2897255	.0824360	.4741617	.2739022	.1072017	1.009795	.2296908

#1	.0560759	.0532110	71.59668	.2274161	.5233503	.2310079	1.123856
#2	.0558633	.0531327	72.02246	.2284956	.5223330	.2327243	1.126960
#3	.0557580	.0532061	71.35092	.2285012	.5232499	.2281165	1.128995

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5439059	28.18703	.5302133	.0548030	55.53133	.5445936	.6606226
Stddev	.0033421	.18852	.0008487	.0001744	.28866	.0095348	.0038496
%RSD	.6144573	.6688222	.1600704	.3181438	.5198215	1.750808	.5827205

#1	.5419713	28.14682	.5293677	.0547195	55.23681	.5380367	.6564361
#2	.5477650	28.39241	.5302071	.0550034	55.81376	.5555315	.6640098
#3	.5419815	28.02185	.5310651	.0546861	55.54343	.5402125	.6614219

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.176613	.0128652	.0207818	.0003470	79.33819	6.914632	-.004623
Stddev	.030162	.0026528	.0005216	.0001834	.20029	.049640	.001470
%RSD	2.563433	20.61995	2.510043	52.84528	.2524516	.7179040	31.78410

#1	1.163655	.0159203	.0213576	.0004765	79.30376	6.936727	-.003493
#2	1.155096	.0115306	.0206468	.0004272	79.15735	6.949388	-.004093
#3	1.211089	.0111448	.0203409	.0001372	79.55347	6.857780	-.006284

Sample Name: L2489-03 Acquired: 05/08/2020 16:55:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBFSM8S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002653	-.004872	.1030100
Stddev	.001078	.000565	.0000616
%RSD	40.64556	11.59058	.0598518

#1	-.003728	-.004988	.1030250
#2	-.001571	-.004258	.1030629
#3	-.002660	-.005370	.1029423

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1093.636	1561.926	27233.42	8600.106	1963.478
Stddev	3.758	2.442	43.86	55.927	1.991
%RSD	.3436524	.1563468	.1610411	.6503023	.1014075

#1	1095.853	1561.370	27183.76	8564.319	1962.243
#2	1089.296	1559.810	27266.82	8571.446	1962.416
#3	1095.758	1564.598	27249.69	8664.554	1965.775

Sample Name: CCB074 Acquired: 05/08/2020 17:07:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB074 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001503	-.000297	-.000823	-.001887	.0010371	.0119759
Stddev	.006808	.002736	.001139	.001666	.0027641	.0044624
%RSD	453.0207	920.5166	138.3808	88.27506	266.5375	37.26120

#1	.004627	-.002440	-.000566	-.001836	.0040876	.0171083
#2	-.000305	.002784	.000165	-.003578	-.001301	.0090141
#3	-.008830	-.001235	-.002069	-.000247	.000325	.0098053

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000153	.0000349	-.000090	.0052937	-.000373	-.000238
Stddev	.000389	.0000411	.000040	.0089994	.000409	.000154
%RSD	254.2827	117.6513	44.49327	170.0015	109.5401	64.57548

#1	-.000377	.0000786	-.000047	.0153721	-.000677	-.000065
#2	.000297	-.000003	-.000126	-.001938	-.000533	-.000359
#3	-.000379	.000029	-.000099	.002447	.000091	-.000290

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000906	.0043073	.0009124	.0203395	-.000143	.0001841
Stddev	.000958	.0023843	.0003694	.0236291	.000218	.0003386
%RSD	105.6871	55.35481	40.48992	116.1735	152.2410	183.9454

#1	-.001753	.0017072	.0013361	.0416041	.000100	.0004967
#2	.000133	.0063912	.0007430	.0245127	-.000322	-.000176
#3	-.001100	.0048236	.0006581	-.005098	-.000207	.000231

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.048115	.0009751	-.001105	.0160045	.0030568	.0137749
Stddev	.098035	.0015570	.001762	.0362524	.0027264	.0011017
%RSD	203.7529	159.6680	159.5300	226.5138	89.18962	7.997630

#1	-.072624	.0026715	-.002361	.0520910	.0011058	.0137555
#2	-.131570	-.000389	.000910	.0163340	.0018926	.0148862
#3	.059850	.000643	-.001863	-.020412	.0061721	.0126831

Sample Name: CCB074 Acquired: 05/08/2020 17:07:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB074 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005171	F .1151411	-.002690	.0010248	.0006145	.0009066
Stddev	.0002931	.0016501	.000578	.0010053	.0002639	.0008749
%RSD	56.69218	1.433106	21.46934	98.10194	42.95150	96.51014

#1	.0008555	.1135210	-.002921	.0018530	.0008459	.0003942
#2	.0003458	.1168197	-.002033	.0013151	.0006706	.0019168
#3	.0003498	.1150827	-.003117	-.000094	.0003270	.0004087

Elem	Sr4077
Units	ppm
Avg	.0000750
Stddev	.0000401
%RSD	53.47367

#1	.0000426
#2	.0001199
#3	.0000627

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1077.097	1565.415	27092.62	8460.375	1984.094
Stddev	4.515	2.863	52.37	63.791	1.183
%RSD	.4191723	.1829180	.1933171	.7540010	.0596356

#1	1082.127	1562.506	27083.10	8499.150	1984.022
#2	1075.768	1568.231	27045.65	8386.750	1985.311
#3	1073.396	1565.509	27149.10	8495.225	1982.948

Sample Name: CCV074 Acquired: 05/08/2020 17:03:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV074 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.810580	4.736019	24.39691	4.644429	4.702729	405.1158	10.01738
Stddev	.021551	.015810	.03346	.015354	.020964	3.9288	.00564
%RSD	.4480020	.3338239	.1371373	.3305863	.4457822	.9697906	.0562810

#1	4.834995	4.719427	24.37052	4.659704	4.726180	407.4571	10.01647
#2	4.802542	4.737722	24.43454	4.644586	4.696201	400.5800	10.02342
#3	4.794202	4.750909	24.38567	4.628998	4.685805	407.3103	10.01225

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4956555	2.423608	417.4692	14.90659	2.464495	15.07252	412.5568
Stddev	.0037841	.002003	.6988	.04558	.002479	.01585	.7021
%RSD	.7634476	.0826527	.1673918	.3057774	.1005933	.1051329	.1701734

#1	.4972793	2.423247	416.8879	14.86974	2.464566	15.08199	412.1130
#2	.4983568	2.421810	417.2752	14.89246	2.466938	15.08134	413.3662
#3	.4913306	2.425767	418.2445	14.95756	2.461981	15.05422	412.1910

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.51585	407.4714	2.444726	1.245371	409.7536	2.415184	15.09669
Stddev	.03009	.4752	.005018	.002004	.4809	.018803	.06737
%RSD	.2072965	.1166320	.2052656	.1608766	.1173647	.7785229	.4462363

#1	14.49092	406.9266	2.450377	1.244821	409.5270	2.416134	15.12832
#2	14.54927	407.8006	2.443011	1.247593	410.3060	2.433494	15.14241
#3	14.50735	407.6871	2.440790	1.243700	409.4279	2.395924	15.01932

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.2342	5.107068	5.285692	4.806229	5.052852	4.872876	4.957476
Stddev	.4498	.014143	.029815	.009910	.011714	.021225	.012584
%RSD	.2994051	.2769301	.5640708	.2061844	.2318390	.4355697	.2538381

#1	150.1956	5.101619	5.294935	4.815407	5.041136	4.888895	4.945965
#2	150.7021	5.123125	5.309792	4.807559	5.052855	4.880930	4.955552
#3	149.8050	5.096460	5.252351	4.795722	5.064565	4.848803	4.970911

Sample Name: CCV074 Acquired: 05/08/2020 17:03:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1148) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV074 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.079787	4.997928	4.930694
Stddev	.006716	.006786	.031986
%RSD	.1322184	.1357860	.6487038

#1	5.074374	5.000859	4.956812
#2	5.077684	5.002757	4.895019
#3	5.087303	4.990169	4.940251

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	908.8269	1310.473	24140.96	8137.545	1535.247
Stddev	7.4917	6.916	25.12	24.663	5.198
%RSD	.8243290	.5277267	.1040398	.3030718	.3385800

#1	903.9902	1304.521	24169.90	8115.979	1530.609
#2	905.0339	1308.839	24128.07	8132.221	1534.265
#3	917.4566	1318.060	24124.90	8164.434	1540.865