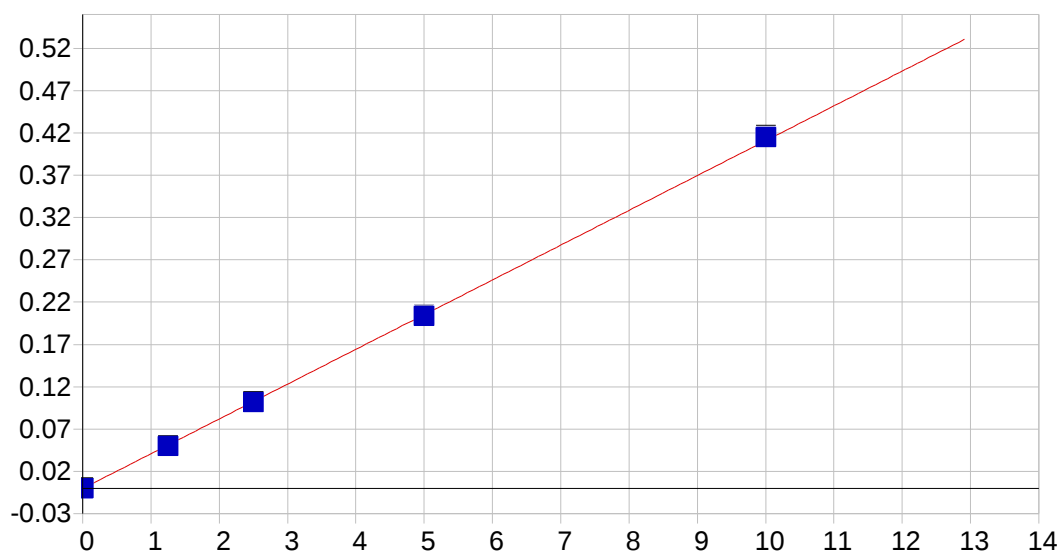


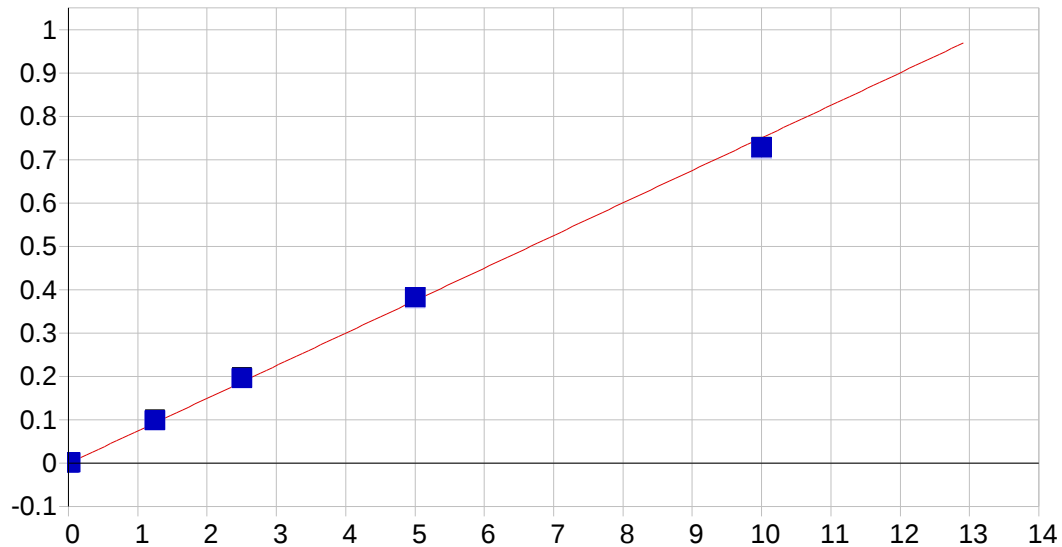


As 189.042 {479}

Date of Fit: 11/9/2018 13:46:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000363 Re-Slope: 1.000000
 A1 (Gain): 0.041116 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999933 Status: OK.
 Std Error of Est: 0.000008
 Predicted MDL: 0.003535
 Predicted MQL: 0.011782

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00036	.000	1
S1	.01000	.01205	.002	20.5	.00013	.000	1
S2	1.2500	1.2211	-.029	-2.31	.05004	.000	1
S3	2.5000	2.4724	-.028	-1.10	.10169	.001	1
S4	5.0000	4.9624	-.038	-.751	.20447	.001	1
S5	10.000	10.092	.092	.920	.41617	.001	1

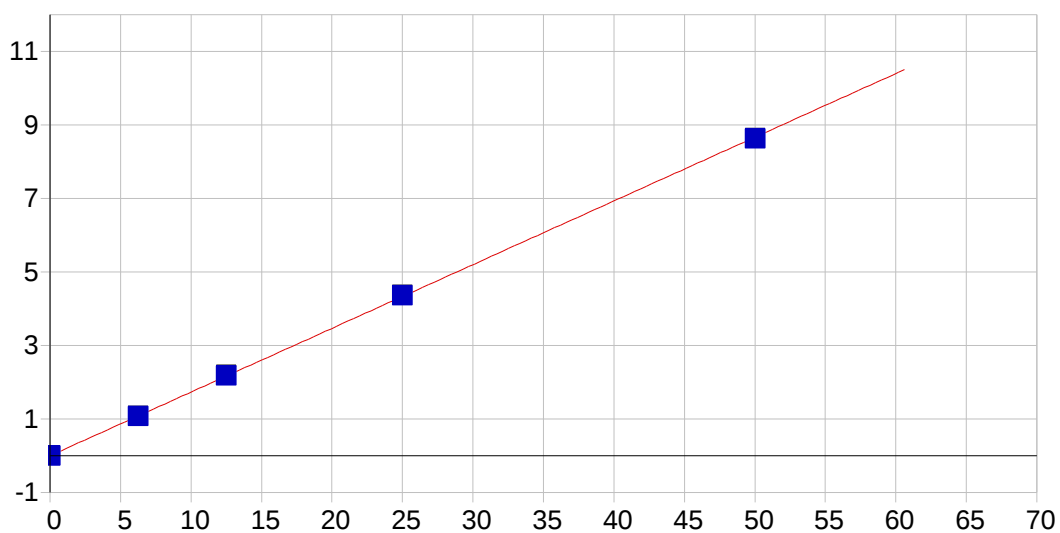


TI 190.856 {477}

Date of Fit: 11/9/2018 13:46:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000595 Re-Slope: 1.000000
 A1 (Gain): 0.075070 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999427 Status: OK.
 Std Error of Est: 0.000067
 Predicted MDL: 0.001843
 Predicted MQL: 0.006144

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00060	.000	1
S1	.02500	.02725	.002	9.01	.00142	.000	1
S2	1.2500	1.3241	.074	5.93	.09824	.001	1
S3	2.5000	2.6245	.124	4.98	.19529	.001	1
S4	5.0000	5.0943	.094	1.89	.37957	.000	1
S5	10.000	9.7049	-.295	-2.95	.72342	.001	1

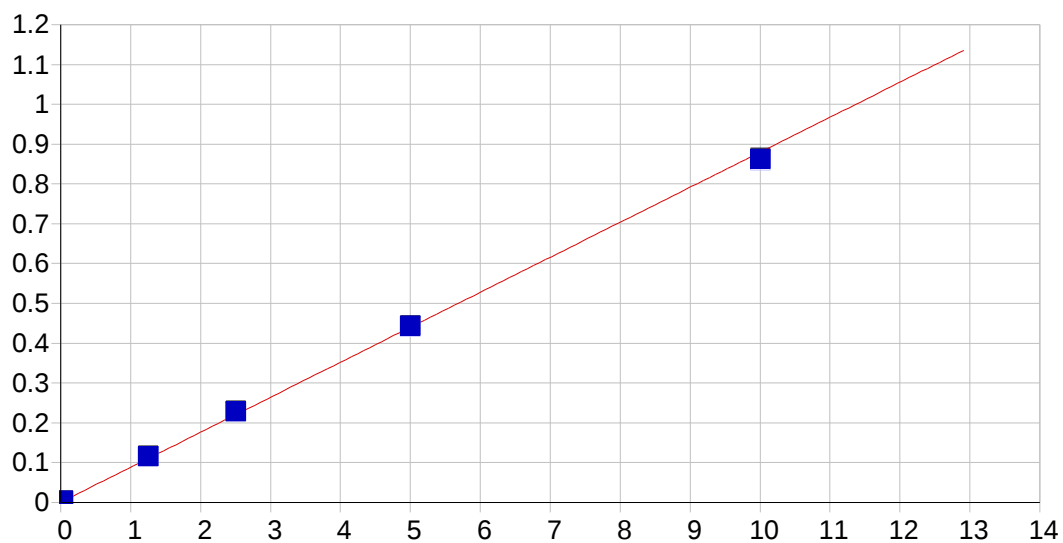


Pb 220.353 {453}

Date of Fit: 11/9/2018 13:46:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000325 Re-Slope: 1.000000
 A1 (Gain): 0.173324 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985 Status: OK.
 Std Error of Est: 0.000036
 Predicted MDL: 0.001650
 Predicted MQL: 0.005500

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00032	.000	1
S1	.01000	.01020	.000	1.96	.00145	.000	1
S2	6.2500	6.2364	-.014	-.217	1.0821	.010	1
S3	12.500	12.571	.071	.568	2.1815	.016	1
S4	25.000	25.178	.178	.713	4.3697	.001	1
S5	50.000	49.764	-.236	-.472	8.6370	.008	1

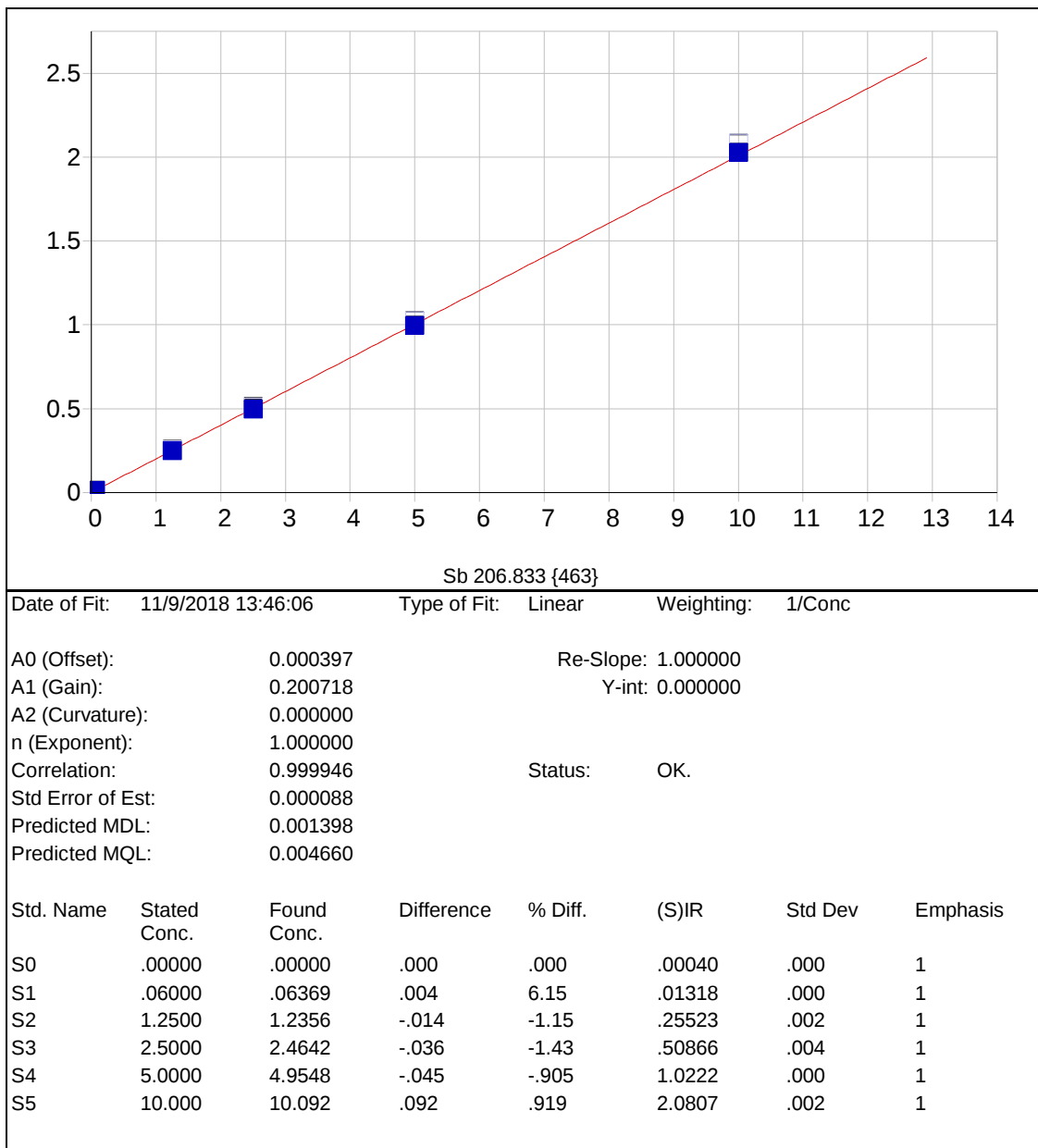


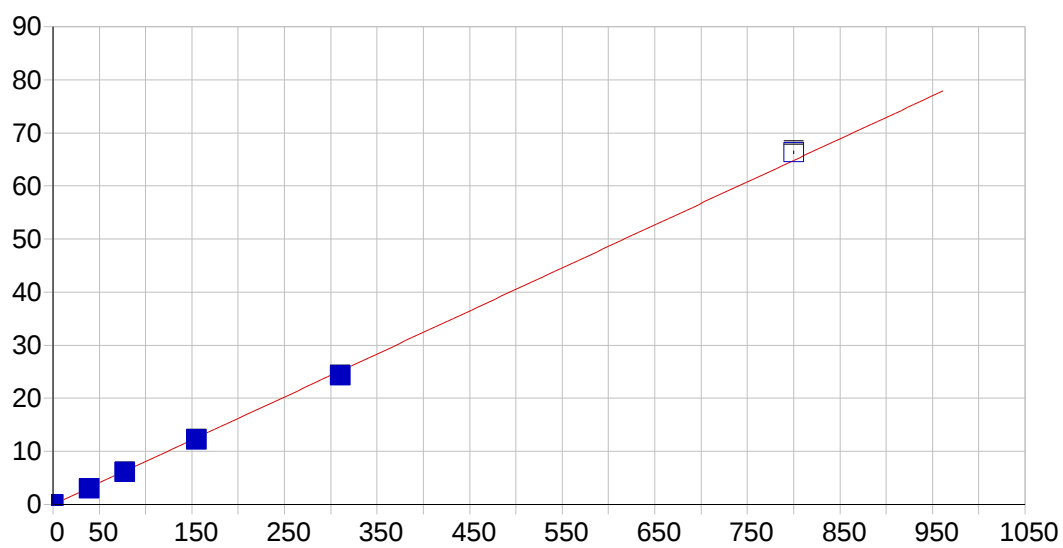
Se 196.090 {472}

Date of Fit: 11/9/2018 13:46:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000494 Re-Slope: 1.000000
 A1 (Gain): 0.087922 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999694 Status: OK.
 Std Error of Est: 0.000068
 Predicted MDL: 0.002527
 Predicted MQL: 0.008423

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00049	.000	1
S1	.03500	.03999	.005	14.3	.00401	.000	1
S2	1.2500	1.3116	.062	4.93	.11530	.001	1
S3	2.5000	2.5946	.095	3.79	.22759	.001	1
S4	5.0000	5.0343	.034	.687	.44106	.000	1
S5	10.000	9.8044	-.196	-1.96	.85839	.002	1



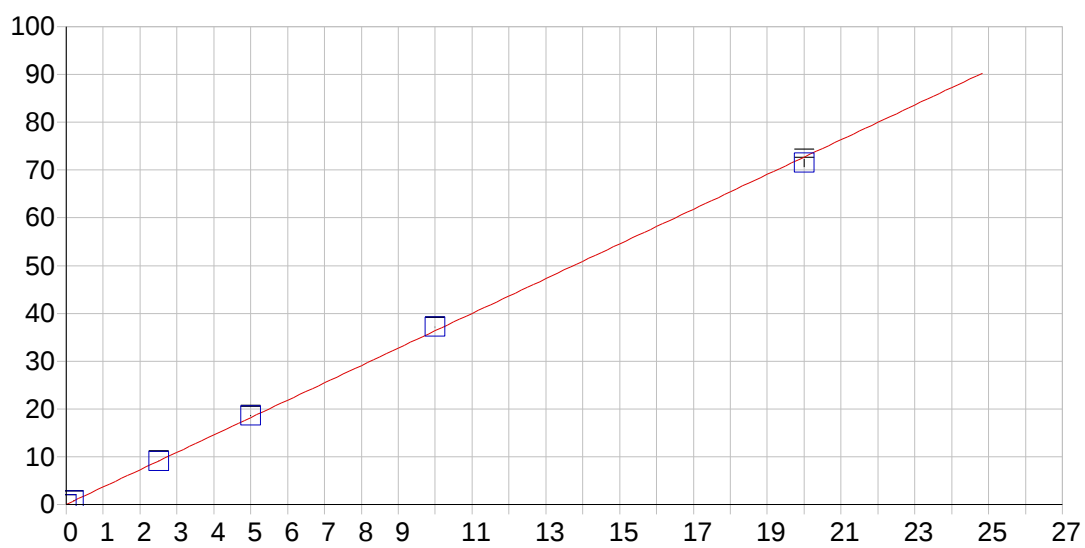


AI 396.152 { 85}

Date of Fit: 11/9/2018 13:46:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003679 Re-Slope: 1.000000
 A1 (Gain): 0.081012 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999625 Status: OK.
 Std Error of Est: 0.001380
 Predicted MDL: 0.013741
 Predicted MQL: 0.045802

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00368	.000	1
S1	.20000	.19306	-.007	-3.47	.01934	.001	1
S2	38.750	36.864	-1.89	-4.87	2.9930	.030	1
S3	77.500	74.914	-2.59	-3.34	6.0785	.012	1
S4	155.00	150.77	-4.23	-2.73	12.229	.029	1
S5	310.00	300.16	-9.84	-3.17	24.344	.062	1
S6	800.00	818.57	18.6	2.32	66.318	.308	1

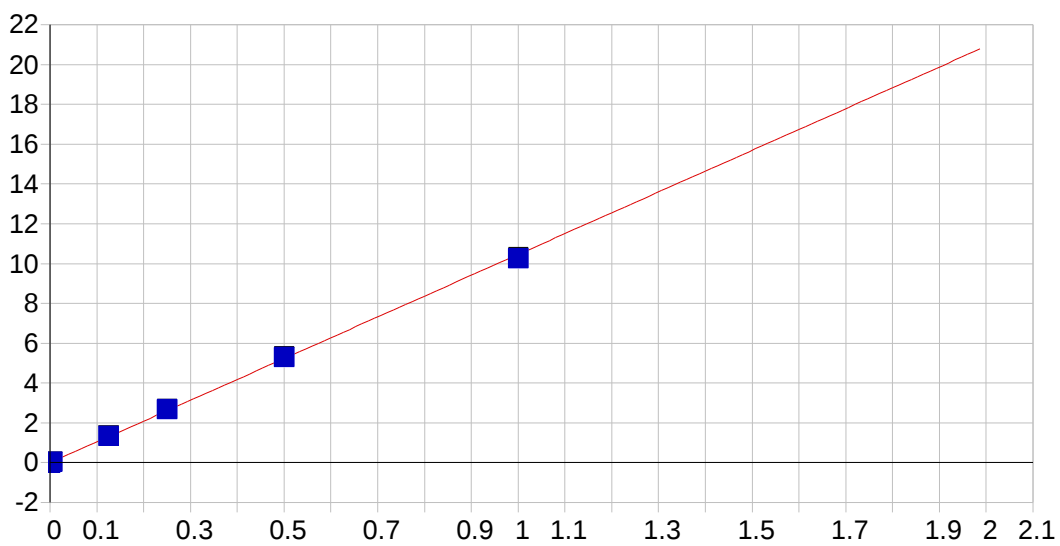


Ba 493.409 { 68}

Date of Fit: 11/9/2018 13:46:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.021812 Re-Slope: 1.000000
 A1 (Gain): 3.634208 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999827 Status: OK.
 Std Error of Est: 0.007182
 Predicted MDL: 0.000945
 Predicted MQL: 0.003152

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.02176	.003	1
S1	.20000	.20954	.010	4.77	.78333	.005	1
S2	2.5000	2.5032	.003	.129	9.1191	.038	1
S3	5.0000	5.1047	.105	2.09	18.573	.098	1
S4	10.000	10.218	.218	2.18	37.156	.031	1
S5	20.000	19.665	-.335	-1.68	71.487	.829	1

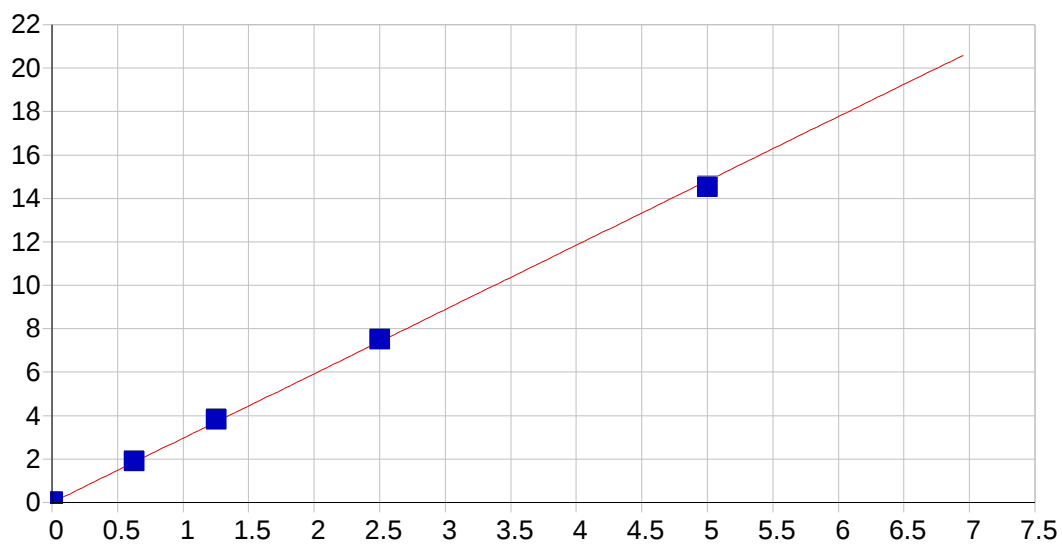


Be 234.861 {144}

Date of Fit: 11/9/2018 13:46:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002837 Re-Slope: 1.000000
 A1 (Gain): 10.461764 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999814 Status: OK.
 Std Error of Est: 0.000754
 Predicted MDL: 0.000059
 Predicted MQL: 0.000195

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00284	.000	1
S1	.00500	.00516	.000	3.29	.05115	.001	1
S2	.12500	.12824	.003	2.59	1.3330	.017	1
S3	.25000	.25659	.007	2.64	2.6701	.013	1
S4	.50000	.50767	.008	1.53	5.2854	.012	1
S5	1.0000	.98233	-.018	-1.77	10.228	.036	1

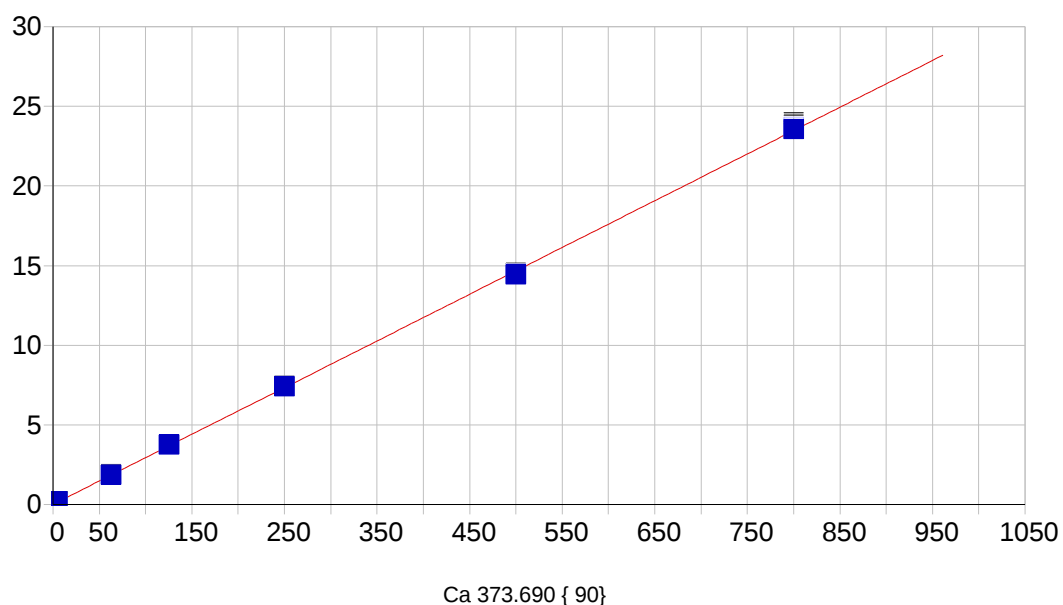


Cd 214.438 {457}

Date of Fit: 11/9/2018 13:46:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000537 Re-Slope: 1.000000
 A1 (Gain): 2.961841 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999785 Status: OK.
 Std Error of Est: 0.000516
 Predicted MDL: 0.000076
 Predicted MQL: 0.000253

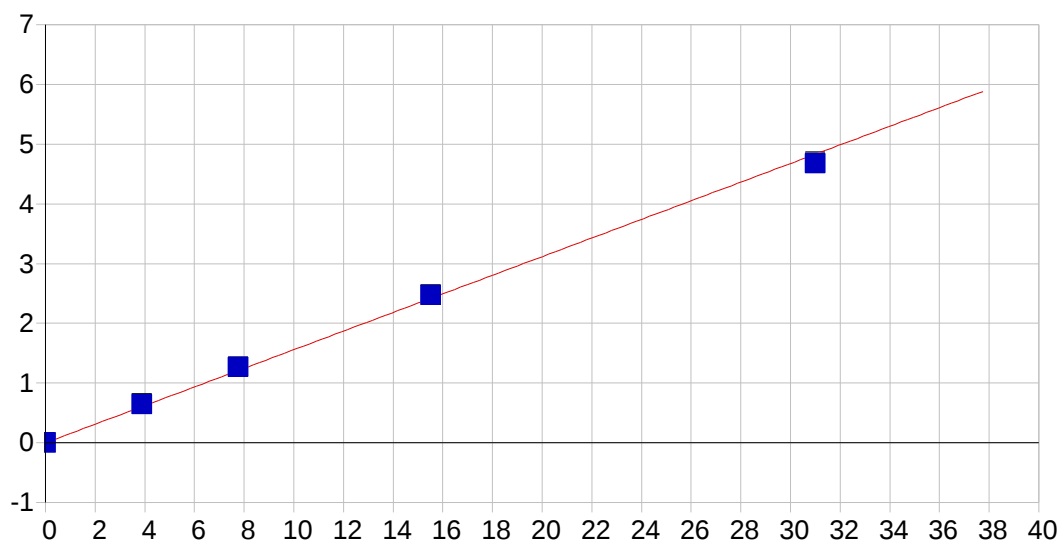
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00054	.000	1
S1	.00500	.00530	.000	6.07	.01626	.000	1
S2	.62500	.64349	.018	2.96	1.9103	.015	1
S3	1.2500	1.2889	.039	3.12	3.8258	.025	1
S4	2.5000	2.5359	.036	1.44	7.5266	.002	1
S5	5.0000	4.9064	-.094	-1.87	14.563	.017	1



Date of Fit: 11/9/2018 13:46:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001923 Re-Slope: 1.000000
 A1 (Gain): 0.029346 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932 Status: OK.
 Std Error of Est: 0.001198
 Predicted MDL: 0.027118
 Predicted MQL: 0.090395

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00050	-.001	.000	.00191	.000	1
S1	5.0000	5.4007	.401	8.01	.16043	.001	1
S2	62.500	62.871	.371	.593	1.8534	.030	1
S3	125.00	127.31	2.31	1.85	3.7510	.016	1
S4	250.00	252.25	2.25	.901	7.4306	.015	1
S5	500.00	491.89	-8.11	-1.62	14.489	.057	1
S6	800.00	802.77	2.77	.346	23.699	.261	1

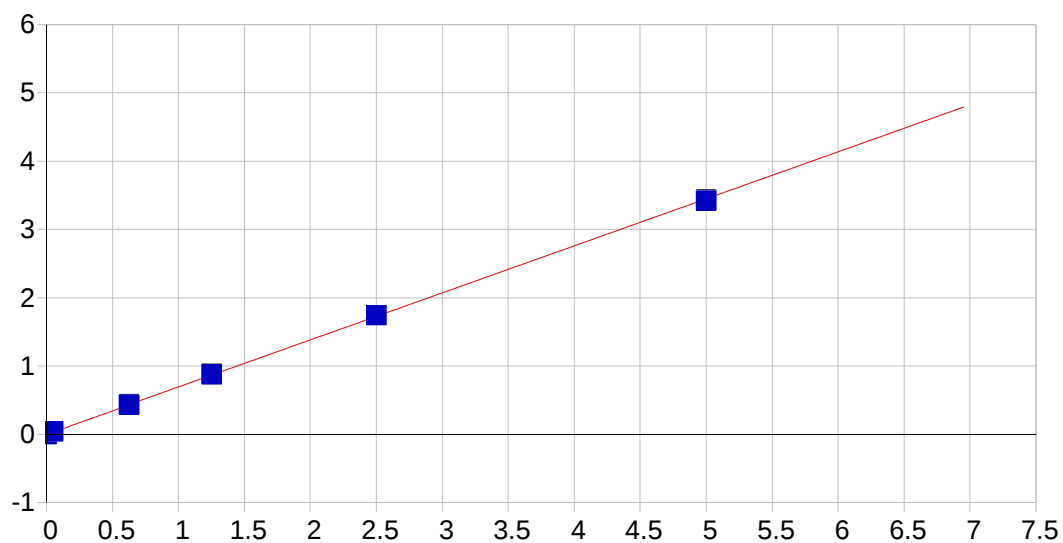


Cr 267.716 {126}

Date of Fit: 11/9/2018 13:46:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000004 Re-Slope: 1.000000
 A1 (Gain): 0.155858 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999364 Status: OK.
 Std Error of Est: 0.000164
 Predicted MDL: 0.000513
 Predicted MQL: 0.001710

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.01000	.01217	.002	21.7	.00190	.000	1
S2	3.8750	4.1394	.264	6.82	.64622	.007	1
S3	7.7500	8.1150	.365	4.71	1.2669	.002	1
S4	15.500	15.846	.346	2.23	2.4740	.004	1
S5	31.000	30.022	-.978	-3.15	4.6877	.013	1

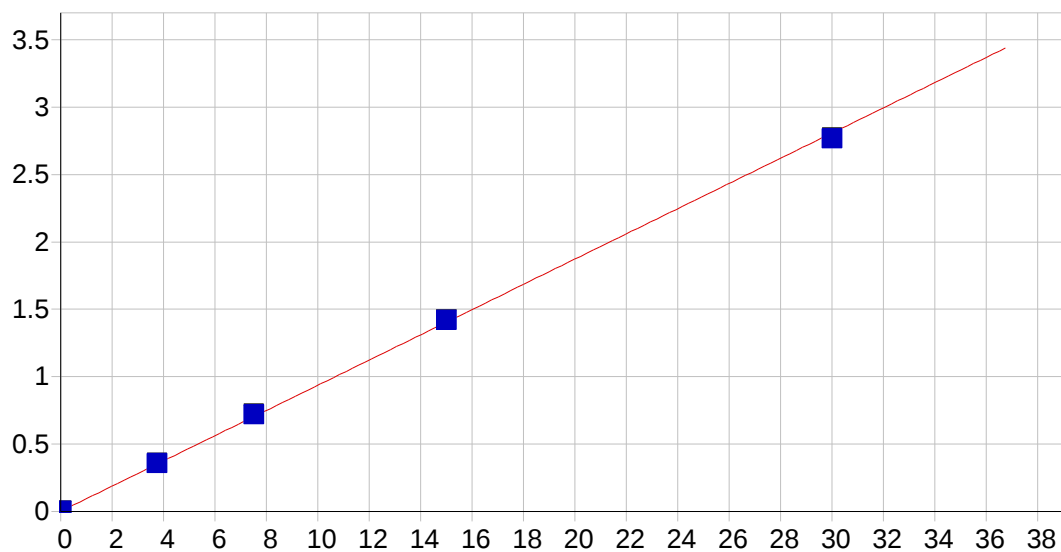


Co 228.616 {448}

Date of Fit: 11/9/2018 13:46:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000025 Re-Slope: 1.000000
 A1 (Gain): 0.689758 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999969 Status: OK.
 Std Error of Est: 0.000146
 Predicted MDL: 0.000279
 Predicted MQL: 0.000930

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00002	.000	1
S1	.05000	.05115	.001	2.30	.03543	.001	1
S2	.62500	.62767	.003	.427	.43382	.003	1
S3	1.2500	1.2636	.014	1.09	.87334	.006	1
S4	2.5000	2.5190	.019	.758	1.7409	.001	1
S5	5.0000	4.9636	-.036	-.728	3.4305	.004	1

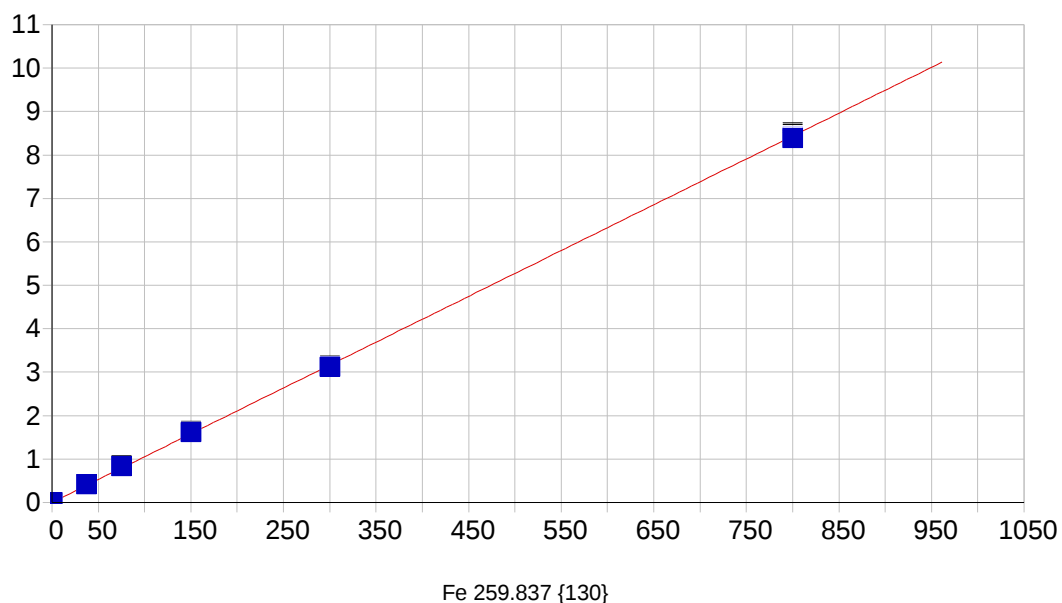


Cu 324.754 {104}

Date of Fit: 11/9/2018 13:46:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001060 Re-Slope: 1.000000
 A1 (Gain): 0.093565 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999880 Status: OK.
 Std Error of Est: 0.000067
 Predicted MDL: 0.005291
 Predicted MQL: 0.017636

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00106	.000	1
S1	.02500	.02905	.004	16.2	.00377	.000	1
S2	3.7500	3.8133	.063	1.69	.35764	.001	1
S3	7.5000	7.6748	.175	2.33	.71871	.004	1
S4	15.000	15.173	.173	1.15	1.4198	.003	1
S5	30.000	29.585	-.415	-1.38	2.7674	.005	1



Date of Fit: 11/9/2018 13:46:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000382

Re-Slope: 1.000000

A1 (Gain): 0.010545

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999819

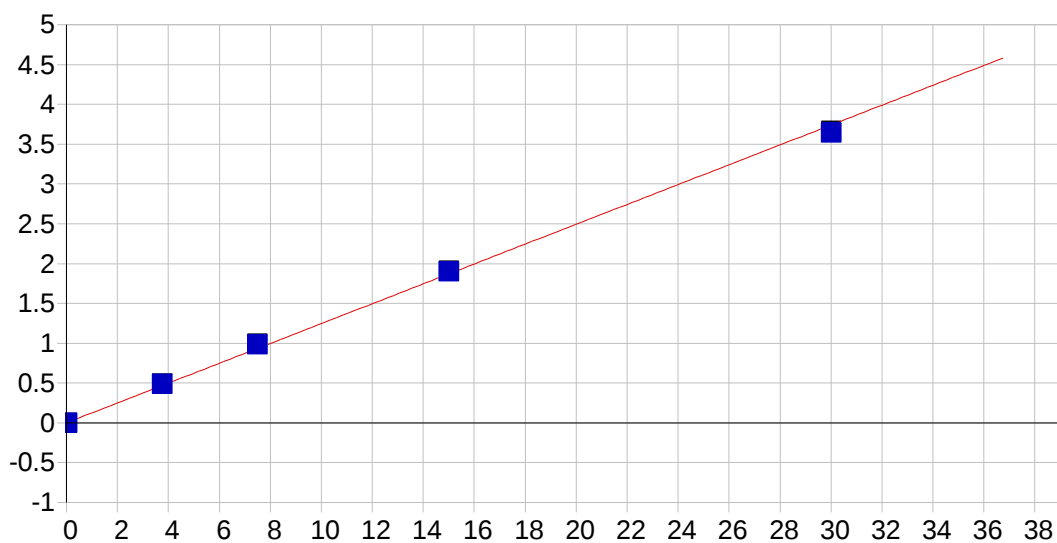
Status: OK.

Std Error of Est: 0.000088

Predicted MDL: 0.024244

Predicted MQL: 0.080815

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00038	.000	1
S1	.10000	.08268	-.017	-17.3	.00128	.000	1
S2	37.500	39.219	1.72	4.58	.41604	.007	1
S3	75.000	79.072	4.07	5.43	.83840	.002	1
S4	150.00	153.73	3.73	2.49	1.6299	.006	1
S5	300.00	295.36	-4.64	-1.55	3.1318	.016	1
S6	800.00	795.13	-4.87	-.609	8.4230	.089	1

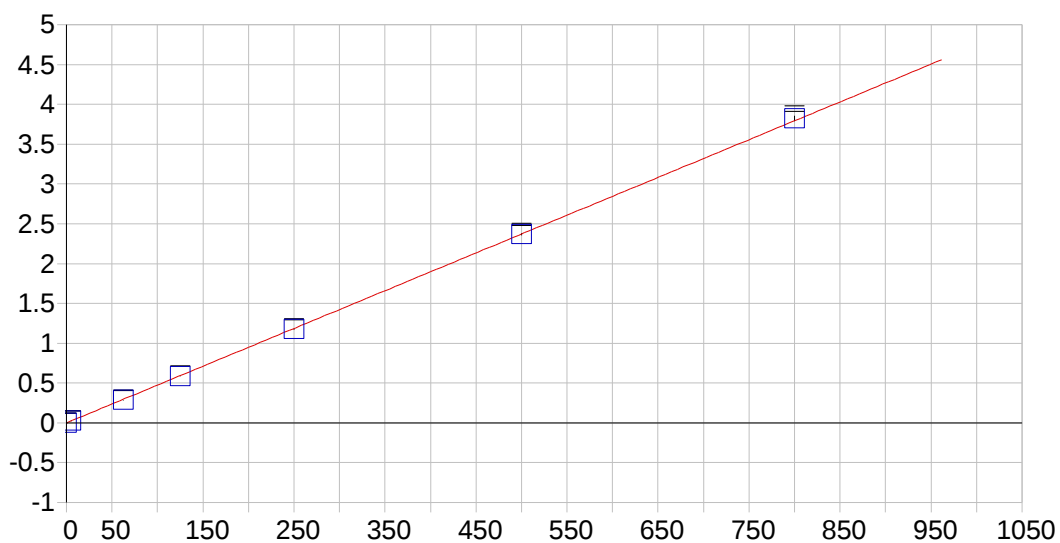


Mn 257.610 {131}

Date of Fit: 11/9/2018 13:46:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000051 Re-Slope: 1.000000
 A1 (Gain): 0.124668 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999548 Status: OK.
 Std Error of Est: 0.000133
 Predicted MDL: 0.001801
 Predicted MQL: 0.006002

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00005	.000	1
S1	.01500	.01761	.003	17.4	.00215	.000	1
S2	3.7500	3.8909	.141	3.76	.48513	.007	1
S3	7.5000	7.8902	.390	5.20	.98381	.004	1
S4	15.000	15.253	.253	1.68	1.9019	.004	1
S5	30.000	29.214	-.786	-2.62	3.6428	.024	1

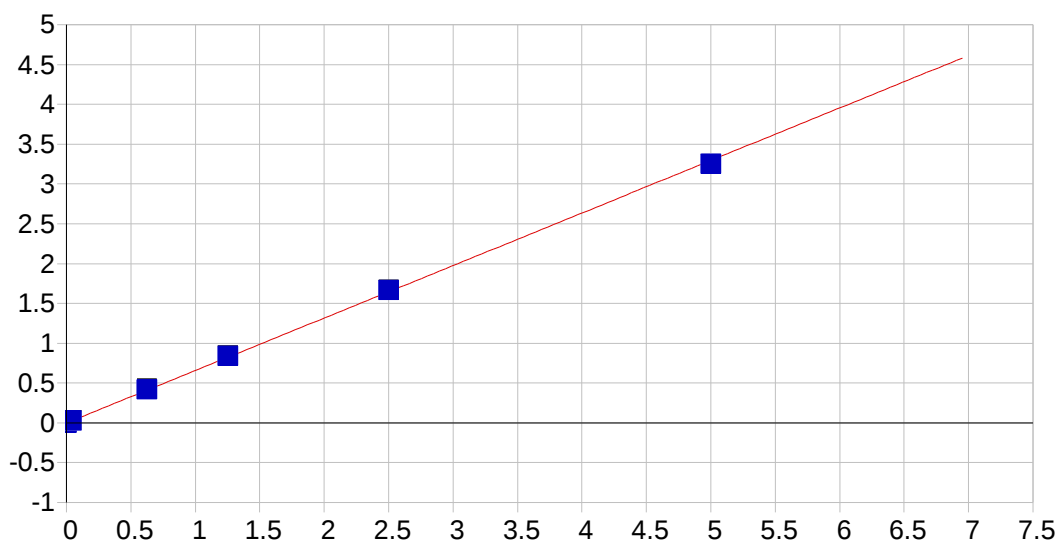


Mg 279.079 {121}

Date of Fit: 11/9/2018 13:46:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000036 Re-Slope: 1.000000
 A1 (Gain): 0.004742 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999956 Status: OK.
 Std Error of Est: 0.000156
 Predicted MDL: 0.065517
 Predicted MQL: 0.218391

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00027	.000	.000	-.00003	.000	1
S1	5.0000	4.9579	-.042	-.841	.02347	.000	1
S2	62.500	60.275	-2.22	-3.56	.28576	.004	1
S3	125.00	123.80	-1.20	-.962	.58695	.002	1
S4	250.00	248.23	-1.77	-.709	1.1769	.006	1
S5	500.00	499.02	-.977	-.195	2.3661	.013	1
S6	800.00	806.22	6.22	.777	3.8227	.036	1

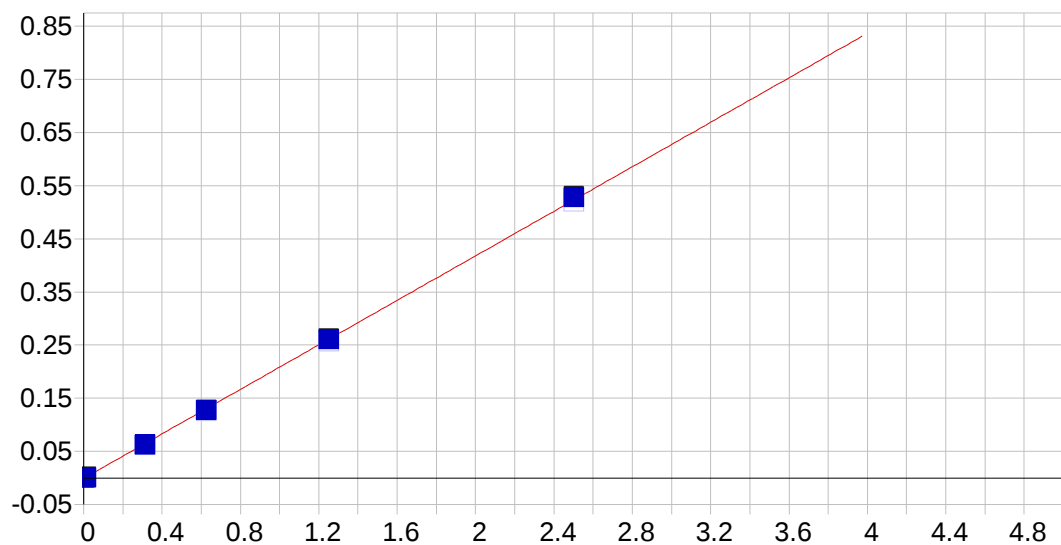


Ni 231.604 {446}

Date of Fit: 11/9/2018 13:46:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001864	Re-Slope: 1.000000
A1 (Gain):	0.659234	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999874	Status: OK.
Std Error of Est:	0.000249	
Predicted MDL:	0.000382	
Predicted MQL:	0.001275	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00187	.000	1
S1	.04000	.04368	.004	9.20	.02694	.000	1
S2	.62500	.63835	.013	2.14	.41981	.004	1
S3	1.2500	1.2750	.025	2.00	.84034	.006	1
S4	2.5000	2.5274	.027	1.10	1.6677	.001	1
S5	5.0000	4.9305	-.069	-1.39	3.2553	.004	1

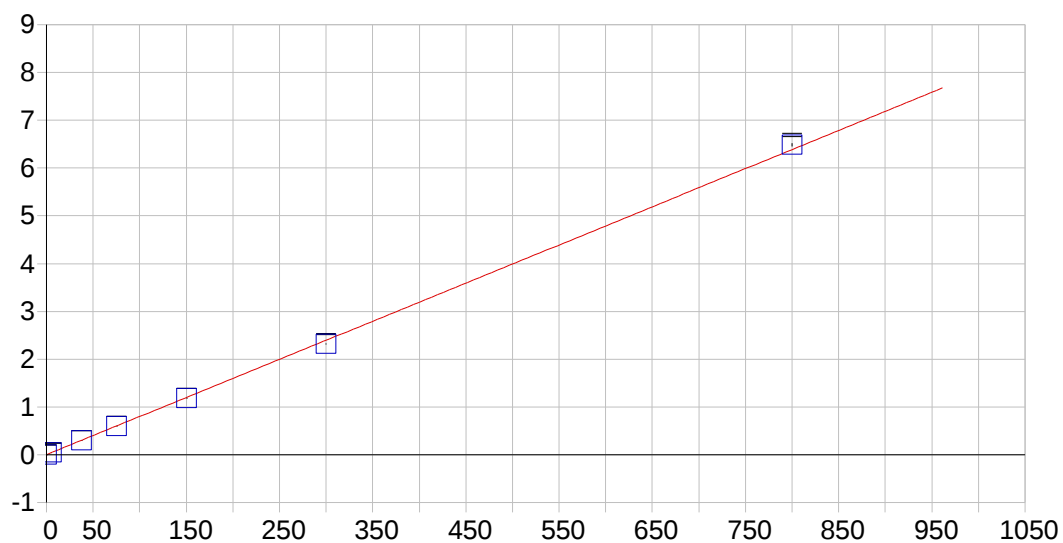


Ag 328.068 {103}

Date of Fit: 11/9/2018 13:46:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000890 Re-Slope: 1.000000
 A1 (Gain): 0.209416 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999895 Status: OK.
 Std Error of Est: 0.000025
 Predicted MDL: 0.000538
 Predicted MQL: 0.001793

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00089	.000	1
S1	.01000	.00943	-.001	-5.70	.00107	.000	1
S2	.31250	.30179	-.011	-3.43	.06131	.000	1
S3	.62500	.61145	-.014	-2.17	.12517	.001	1
S4	1.2500	1.2492	-.001	-.060	.25674	.001	1
S5	2.5000	2.5256	.026	1.02	.52004	.002	1



Na 818.326 { 41}

Date of Fit: 11/9/2018 13:46:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001580

Re-Slope: 1.000000

A1 (Gain): 0.007980

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999793

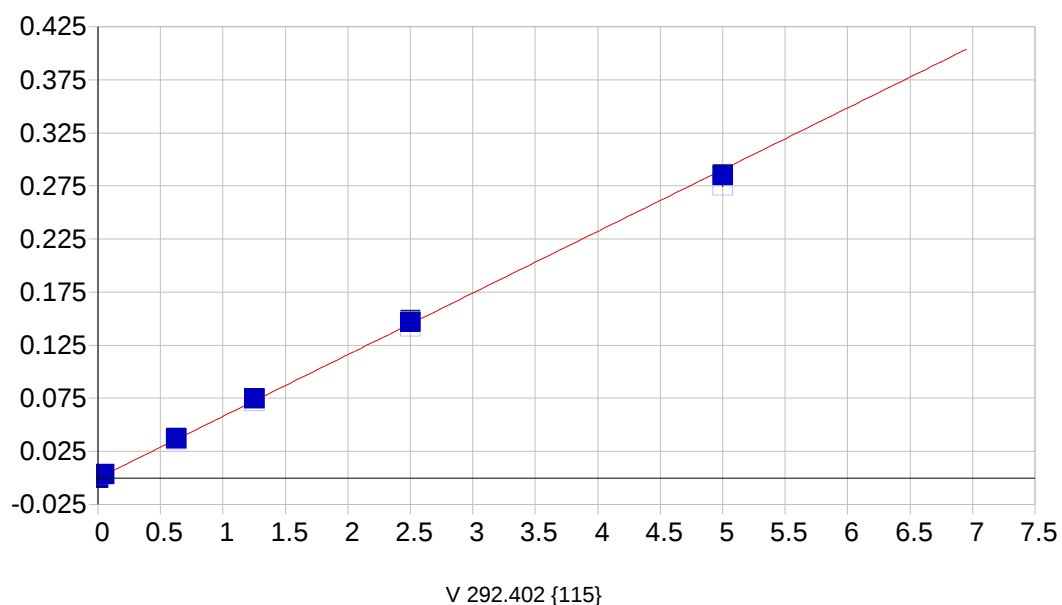
Status: OK.

Std Error of Est: 0.000502

Predicted MDL: 0.303903

Predicted MQL: 1.013011

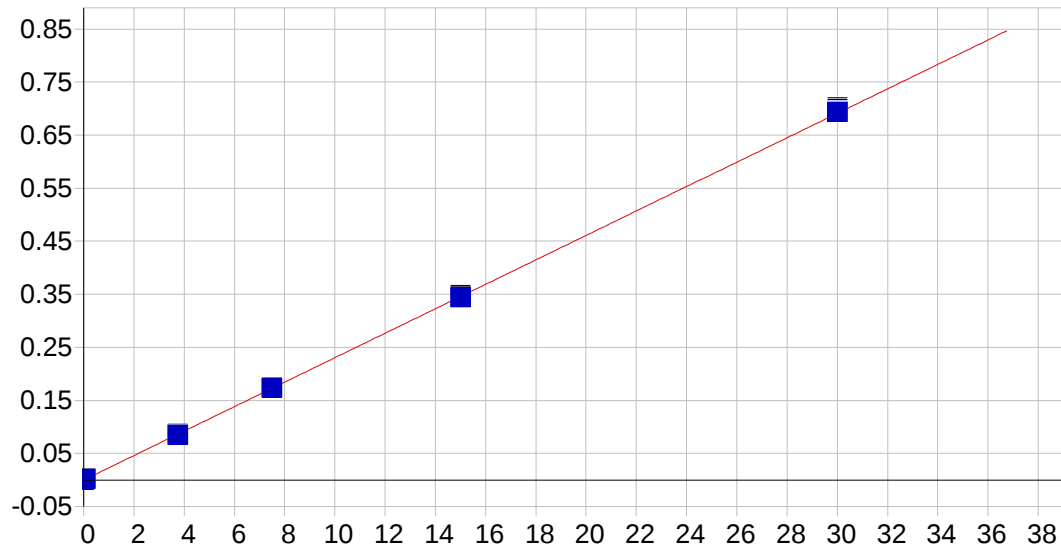
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00018	.000	.000	.00158	.002	1
S1	5.0000	5.1135	.114	2.27	.04238	.003	1
S2	37.500	36.767	-.733	-1.95	.29497	.002	1
S3	75.000	74.148	-.852	-1.14	.59325	.001	1
S4	150.00	148.15	-1.85	-1.23	1.1838	.001	1
S5	300.00	290.39	-9.61	-3.20	2.3188	.011	1
S6	800.00	812.93	12.9	1.62	6.4884	.036	1



Date of Fit: 11/9/2018 13:46:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000153 Re-Slope: 1.000000
 A1 (Gain): 0.058102 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999643 Status: OK.
 Std Error of Est: 0.000040
 Predicted MDL: 0.006566
 Predicted MQL: 0.021888

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00015	.000	1
S1	.05000	.06135	.011	22.7	.00341	.000	1
S2	.62500	.63999	.015	2.40	.03583	.000	1
S3	1.2500	1.2861	.036	2.89	.07218	.000	1
S4	2.5000	2.5337	.034	1.35	.14227	.001	1
S5	5.0000	4.9035	-.097	-1.93	.27516	.001	1

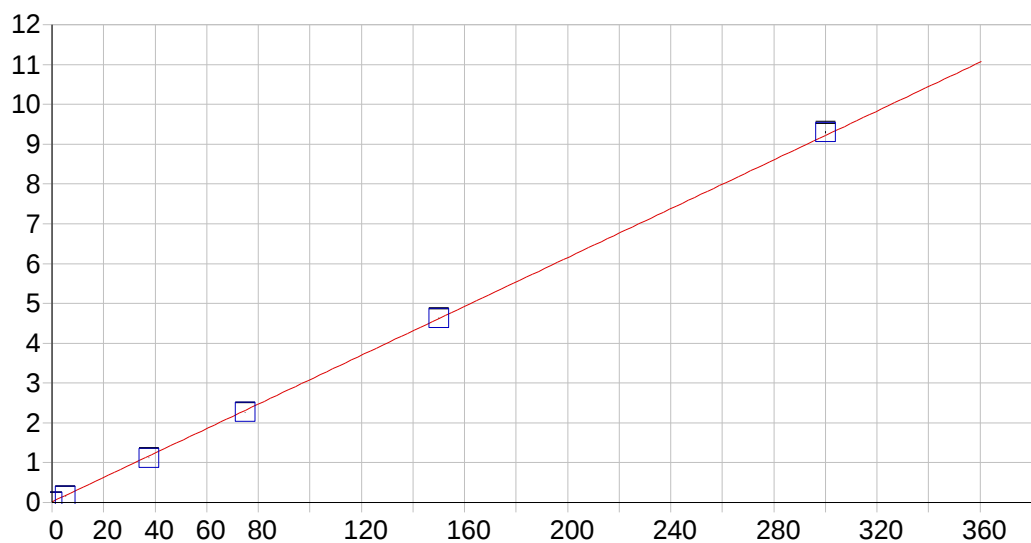


Zn 213.856 {158}

Date of Fit: 11/9/2018 13:46:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000273 Re-Slope: 1.000000
 A1 (Gain): 0.023054 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999972 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.014325
 Predicted MQL: 0.047750

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00027	.000	1
S1	.06000	.06916	.009	15.3	.00133	.000	1
S2	3.7500	3.6924	-.058	-1.54	.08526	.001	1
S3	7.5000	7.5200	.020	.267	.17391	.000	1
S4	15.000	14.920	-.080	-.536	.34531	.002	1
S5	30.000	30.109	.109	.363	.69711	.005	1

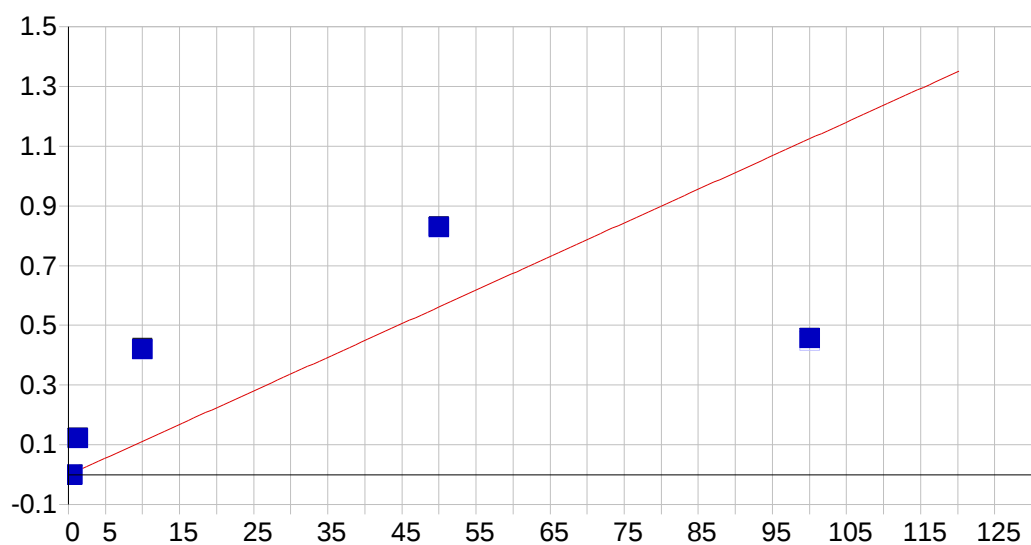


K 769.896 { 44}

Date of Fit: 11/9/2018 13:46:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.015801 Re-Slope: 1.000000
 A1 (Gain): 0.030677 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999899 Status: OK.
 Std Error of Est: 0.000899
 Predicted MDL: 0.070992
 Predicted MQL: 0.236639

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00039	.000	.000	.01581	.001	1
S1	5.0000	4.8466	-.153	-3.07	.16448	.004	1
S2	37.500	36.077	-1.42	-3.80	1.1225	.008	1
S3	75.000	73.478	-1.52	-2.03	2.2699	.007	1
S4	150.00	150.43	.430	.286	4.6306	.014	1
S5	300.00	302.67	2.67	.890	9.3009	.024	1



P 177.495 {490}

Date of Fit: 11/9/2018 13:46:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001066

Re-Slope: 1.000000

A1 (Gain): 0.011253

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.667567

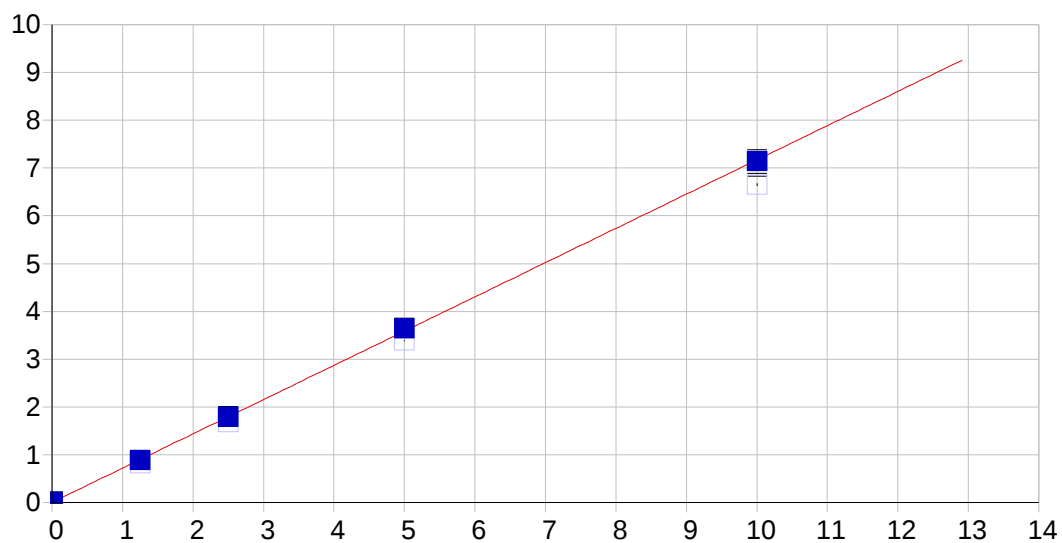
Status: OK.

Std Error of Est: 0.004326

Predicted MDL: 0.009668

Predicted MQL: 0.032227

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00472	-.005	.000	-.00112	.000	1
S1	.50000	.03084	-.469	-93.8	-.00073	.000	1
S2	1.2500	10.943	9.69	775.	.12089	.001	1
S3	10.000	37.389	27.4	274.	.41731	.003	1
S4	50.000	73.859	23.9	47.7	.82534	.000	1
S5	100.00	40.619	-59.4	-59.4	.44657	.000	1

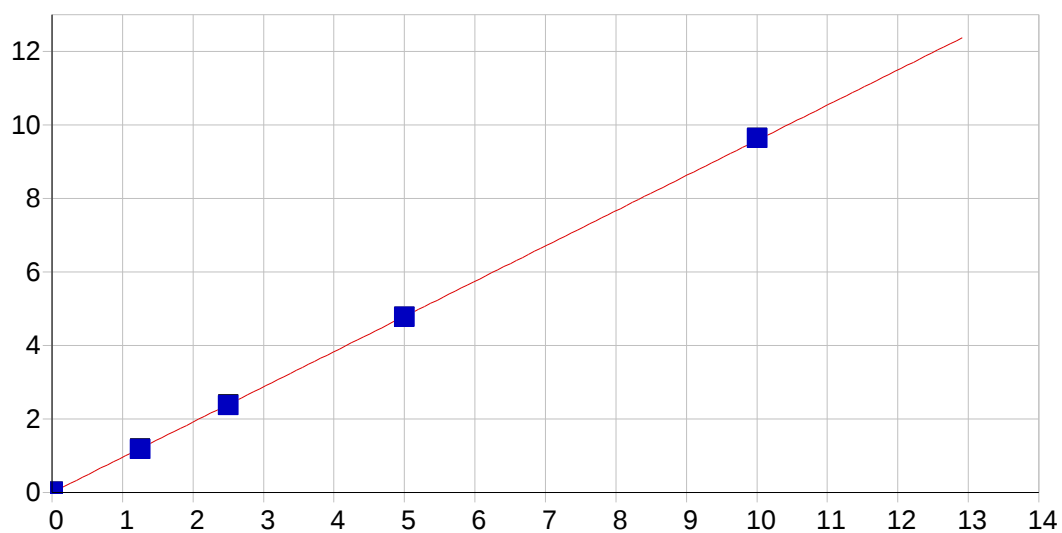


B 249.678 {135}

Date of Fit: 11/9/2018 13:46:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003618 Re-Slope: 1.000000
 A1 (Gain): 0.716664 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999950 Status: OK.
 Std Error of Est: 0.000112
 Predicted MDL: 0.000989
 Predicted MQL: 0.003295

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00362	.001	1
S1	.01000	.00920	-.001	-7.97	.01009	.001	1
S2	1.2500	1.2242	-.026	-2.06	.81971	.008	1
S3	2.5000	2.4991	-.001	-.036	1.6721	.007	1
S4	5.0000	5.0662	.066	1.32	3.3893	.011	1
S5	10.000	9.9613	-.039	-.387	6.6523	.028	1



Date of Fit: 11/9/2018 13:46:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000407

Re-Slope: 1.000000

A1 (Gain): 0.958033

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999973

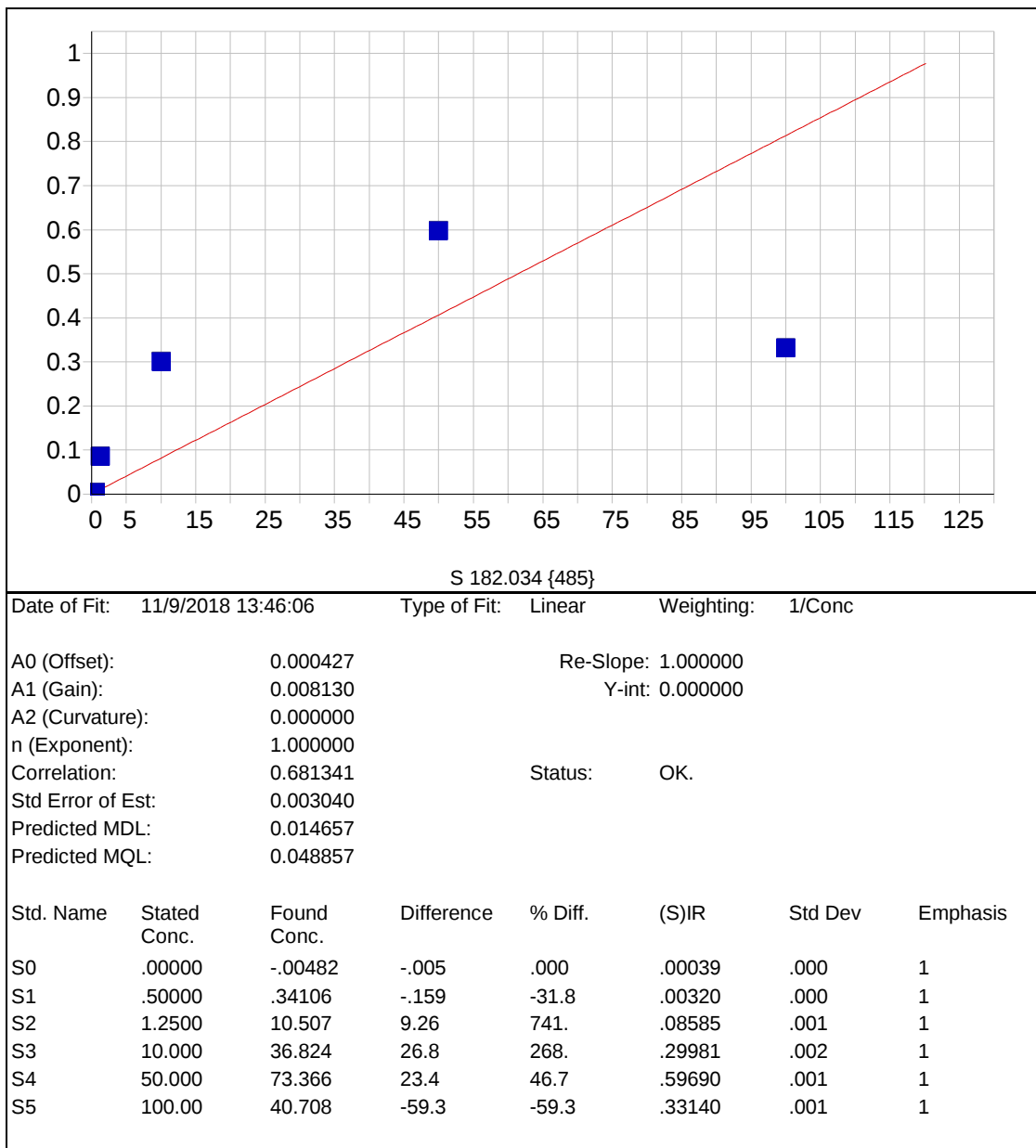
Status: OK.

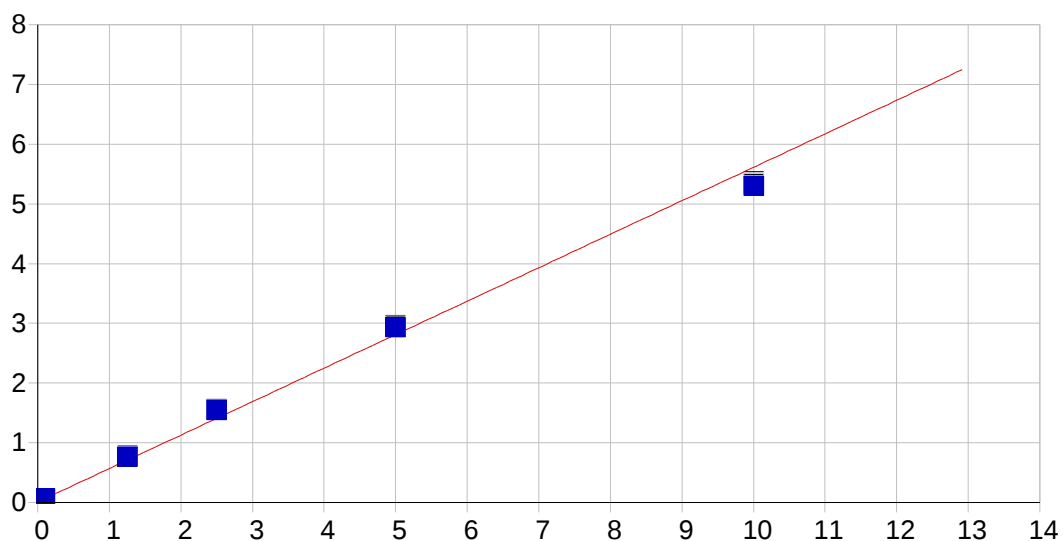
Std Error of Est: 0.000117

Predicted MDL: 0.000259

Predicted MQL: 0.000863

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00041	.000	1
S1	.01000	.01030	.000	3.00	.01027	.000	1
S2	1.2500	1.2321	-.018	-1.43	1.1808	.010	1
S3	2.5000	2.4734	-.027	-1.06	2.3699	.018	1
S4	5.0000	4.9821	-.018	-.359	4.7732	.005	1
S5	10.000	10.062	.062	.621	9.6398	.008	1



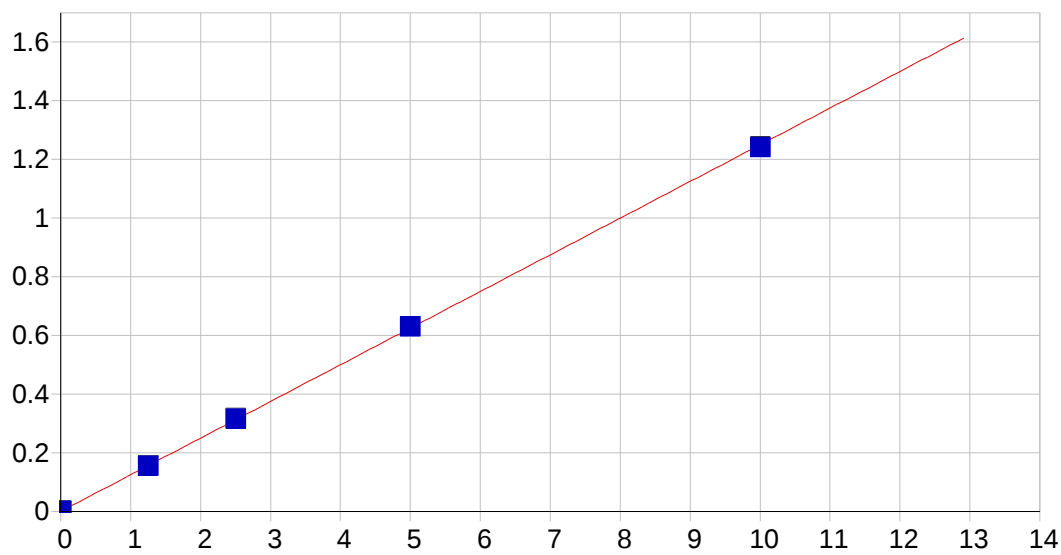


Si 251.611 {134}

Date of Fit: 11/9/2018 13:46:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007252 Re-Slope: 1.000000
 A1 (Gain): 0.560527 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998170 Status: OK.
 Std Error of Est: 0.001819
 Predicted MDL: 0.001143
 Predicted MQL: 0.003810

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00724	.000	1
S1	.10000	.09916	-.001	-.839	.06303	.000	1
S2	1.2500	1.3487	.099	7.89	.76897	.011	1
S3	2.5000	2.7349	.235	9.40	1.5517	.008	1
S4	5.0000	5.2211	.221	4.42	2.9568	.007	1
S5	10.000	9.4462	-.554	-5.54	5.3480	.023	1

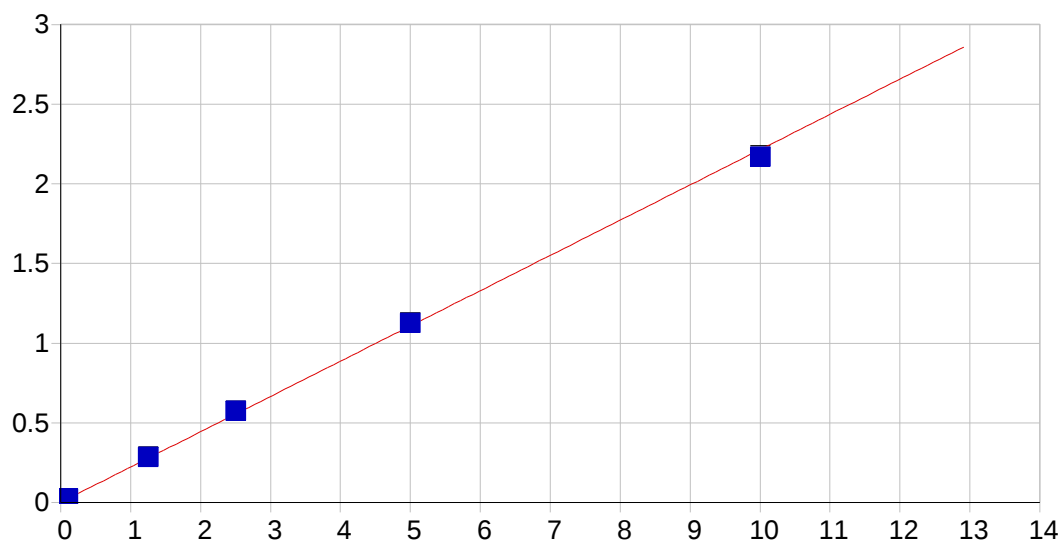


Sn 189.989 {478}

Date of Fit: 11/9/2018 13:46:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000159 Re-Slope: 1.000000
 A1 (Gain): 0.124997 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.000946
 Predicted MQL: 0.003153

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00016	.000	1
S1	.00700	.00745	.000	6.43	.00106	.000	1
S2	1.2500	1.2479	-.002	-.166	.15580	.001	1
S3	2.5000	2.5265	.026	1.06	.31527	.003	1
S4	5.0000	5.0418	.042	.836	.62899	.000	1
S5	10.000	9.9334	-.067	-.666	1.2390	.002	1

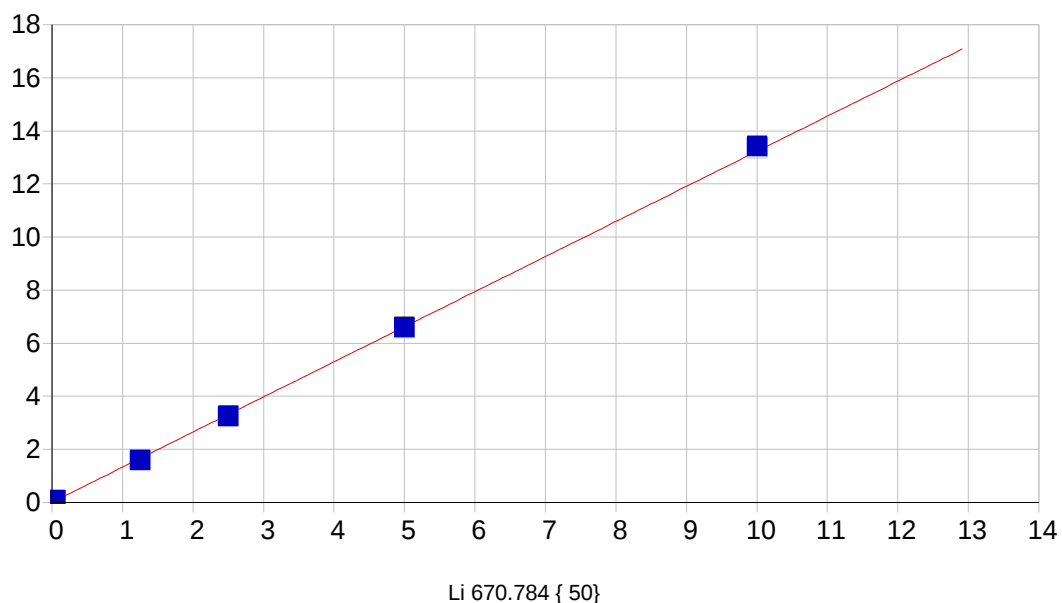


Ti 336.121 {100}

Date of Fit: 11/9/2018 13:46:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001661 Re-Slope: 1.000000
 A1 (Gain): 0.221264 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999753 Status: OK.
 Std Error of Est: 0.000262
 Predicted MDL: 0.002533
 Predicted MQL: 0.008442

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00166	.000	1
S1	.10000	.10570	.006	5.70	.02504	.000	1
S2	1.2500	1.2764	.026	2.11	.28398	.002	1
S3	2.5000	2.5867	.087	3.47	.57380	.001	1
S4	5.0000	5.0828	.083	1.66	1.1259	.003	1
S5	10.000	9.7984	-.202	-2.02	2.1689	.006	1



Date of Fit: 11/9/2018 13:46:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.011905 Re-Slope: 1.000000
 A1 (Gain): 1.321816 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999852 Status: OK.
 Std Error of Est: 0.000850
 Predicted MDL: 0.001881
 Predicted MQL: 0.006271

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.01191	.002	1
S5	10.000	10.131	.131	1.31	13.329	.024	1
S4	5.0000	4.9807	-.019	-.387	6.5583	.014	1
S3	2.5000	2.4457	-.054	-2.17	3.2261	.014	1
S2	1.2500	1.1939	-.056	-4.49	1.5807	.007	1
S1	.05000	.04888	-.001	-2.25	.07638	.000	1



Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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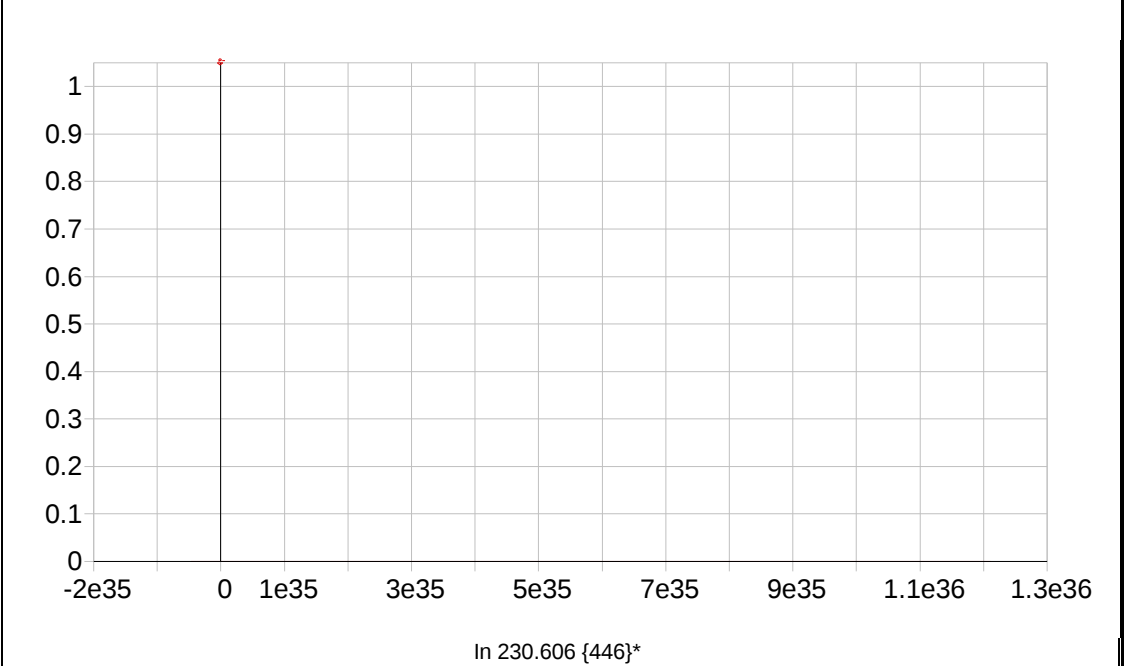




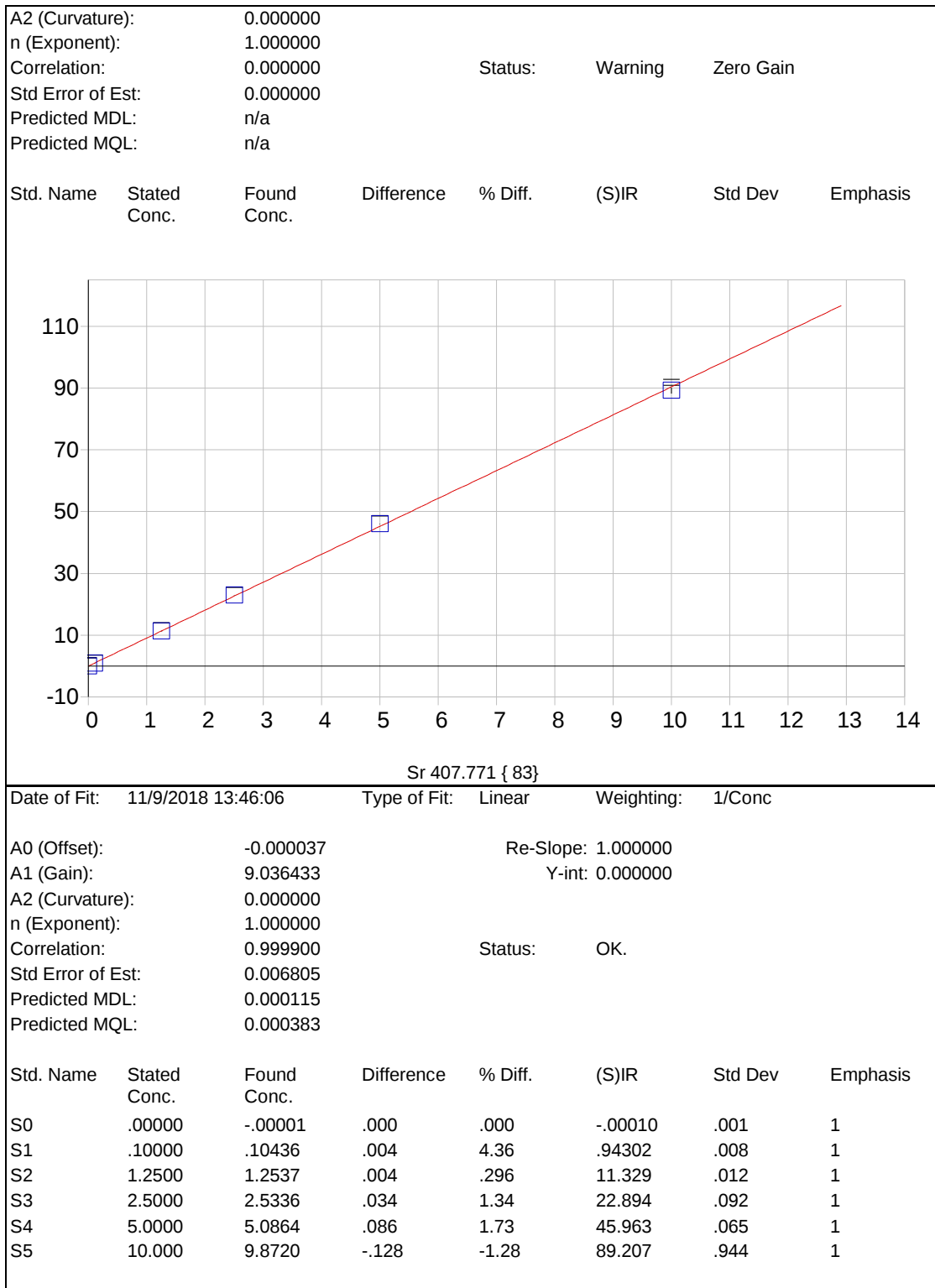


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



Sample Name: S0 Acquired: 11/9/2018 12:18:32 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) 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	-.00036	-.00060	-.00032	.00049	.00040	.00368	.02176	-.00284
Stddev	.00017	.00003	.00020	.00010	.00011	.00010	.00316	.00023
%RSD	46.578	5.6289	62.548	21.267	27.512	2.7580	14.512	8.1358
#1	-.00017	-.00060	-.00014	.00054	.00030	.00360	.02095	-.00311
#2	-.00050	-.00056	-.00054	.00037	.00052	.00365	.02524	-.00269
#3	-.00042	-.00062	-.00030	.00057	.00037	.00380	.01908	-.00273
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	.00054	.00191	.00000	.00002	.00106	.00038	-.00005	-.00003
Stddev	.00023	.00014	.0000	.00005	.00037	.00013	.00018	.00017
%RSD	42.794	7.3670	997.22	207.31	34.737	35.237	356.67	503.52
#1	.00076	.00181	.00003	-.00002	.00118	.00044	.00012	.00017
#2	.00054	.00207	.00001	.00008	.00135	.00047	-.00003	-.00014
#3	.00030	.00185	-.00005	.00001	.00065	.00023	-.00024	-.00013
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	-.00187	-.00089	.00158	-.00015	-.00027	.01581	-.00112	.00362
Stddev	.00013	.00008	.00225	.00049	.00042	.00097	.00005	.00055
%RSD	6.6977	9.2947	142.09	320.67	154.25	6.1217	4.5379	15.223
#1	-.00200	-.00084	-.00087	-.00072	-.00074	.01534	-.00106	.00404
#2	-.00176	-.00084	.00355	.00005	.00007	.01693	-.00114	.00382
#3	-.00184	-.00098	.00206	.00021	-.00015	.01517	-.00115	.00300
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	.00041	.00039	.00724	.00016	.00166	.01191	-.00010	
Stddev	.00012	.00012	.00024	.00004	.00047	.00225	.00081	
%RSD	30.509	31.757	3.3555	24.556	28.552	18.874	849.80	
#1	.00026	.00026	.00702	.00011	.00135	.00934	.00041	
#2	.00049	.00039	.00750	.00018	.00142	.01289	-.00103	
#3	.00046	.00051	.00720	.00018	.00220	.01350	.00033	

Sample Name: S0 Acquired: 11/9/2018 12:18:32 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) 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	2295.8	2588.0	50819.	4689.4	3823.0
Stddev	5.5	6.3	202.	20.5	12.7
%RSD	.23801	.24296	.39676	.43684	.33119
#1	2297.3	2593.8	50913.	4665.8	3837.0
#2	2289.7	2589.0	50588.	4699.7	3819.5
#3	2300.3	2581.3	50956.	4702.7	3812.4

Sample Name: S1 Acquired: 11/9/2018 12:22:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) 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	.00142	.00145	.00401	.01318	.01934	.78333	.05115
Stddev	.00008	.00007	.00026	.00014	.00008	.00069	.00537	.00062
%RSD	59.962	5.2100	17.848	3.5483	.64500	3.5444	.68562	1.2054

#1	.00008	.00144	.00146	.00385	.01318	.01859	.77924	.05181
#2	.00022	.00149	.00171	.00403	.01309	.01993	.78941	.05059
#3	.00009	.00134	.00119	.00414	.01326	.01951	.78133	.05103

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	.01626	.16043	.00190	.03543	.00377	.00128	.00215	.02347
Stddev	.00030	.00085	.00010	.00056	.00029	.00032	.00013	.00008
%RSD	1.8450	.52841	5.4035	1.5824	7.6839	25.333	6.1811	.34056

#1	.01602	.16087	.00200	.03482	.00365	.00119	.00200	.02355
#2	.01615	.16097	.00180	.03557	.00357	.00100	.00218	.02339
#3	.01659	.15945	.00189	.03591	.00410	.00163	.00226	.02347

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	.02694	.00107	.04238	.00341	.00133	.16448	-.00073	.01009
Stddev	.00042	.00007	.00347	.00018	.00017	.00385	.00008	.00068
%RSD	1.5709	6.6262	8.1844	5.3234	12.511	2.3395	11.017	6.7114

#1	.02646	.00104	.03891	.00320	.00150	.16009	-.00079	.00995
#2	.02710	.00102	.04240	.00351	.00132	.16726	-.00064	.00950
#3	.02726	.00115	.04585	.00351	.00116	.16610	-.00075	.01083

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	.01027	.00320	.06303	.00106	.02504	.07638	.94302	
Stddev	.00034	.00008	.00043	.00007	.00014	.00017	.00792	
%RSD	3.3423	2.6293	.68697	6.3020	.56329	.22869	.84012	

#1	.01047	.00310	.06353	.00103	.02495	.07618	.93453	
#2	.00987	.00325	.06274	.00100	.02497	.07648	.95022	
#3	.01047	.00324	.06282	.00113	.02520	.07648	.94429	

Sample Name: S1 Acquired: 11/9/2018 12:22:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) 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	2284.2	2572.5	50703.	4728.3	3823.0
Stddev	26.3	2.1	35.	28.2	7.7
%RSD	1.1520	.08089	.06849	.59638	.20252
#1	2292.0	2571.0	50666.	4715.2	3816.4
#2	2305.8	2571.6	50709.	4760.7	3821.1
#3	2254.9	2574.9	50735.	4709.0	3831.5

Sample Name: S2 Acquired: 11/9/2018 12:27:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) 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	.05004	.09824	1.0821	.11530	.25523	2.9930	9.1191	1.3330
Stddev	.00022	.00063	.0097	.00095	.00228	.0300	.0385	.0172
%RSD	.43598	.64092	.89430	.82669	.89141	1.0037	.42188	1.2926

#1	.05028	.09870	1.0892	.11516	.25681	2.9721	9.1292	1.3166
#2	.04999	.09849	1.0860	.11631	.25626	2.9795	9.0765	1.3315
#3	.04986	.09752	1.0711	.11442	.25263	3.0275	9.1514	1.3510

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	1.9103	1.8534	.64622	.43382	.35764	.41604	.48513	.28576
Stddev	.0155	.0299	.00673	.00348	.00128	.00682	.00713	.00371
%RSD	.81082	1.6125	1.0409	.80127	.35721	1.6398	1.4707	1.3000

#1	1.9193	1.8229	.63879	.43641	.35628	.40921	.47835	.28245
#2	1.9191	1.8549	.64795	.43518	.35782	.41606	.48447	.28506
#3	1.8924	1.8826	.65191	.42987	.35881	.42285	.49257	.28978

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	.41981	.06131	.29497	.03583	.08526	1.1225	.12089	.81971
Stddev	.00384	.00042	.00160	.00033	.00111	.0084	.00108	.00842
%RSD	.91580	.68254	.54390	.93165	1.3070	.75108	.89542	1.0273

#1	.42292	.06090	.29398	.03567	.08416	1.1140	.12177	.81070
#2	.42099	.06174	.29410	.03561	.08522	1.1227	.12122	.82104
#3	.41551	.06130	.29682	.03622	.08639	1.1309	.11968	.82738

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	1.1808	.08585	.76897	.15580	.28398	1.5807	11.329	
Stddev	.0101	.00095	.01073	.00122	.00217	.0071	.012	
%RSD	.85710	1.1056	1.3949	.78242	.76552	.45100	.10570	

#1	1.1873	.08652	.75759	.15662	.28293	1.5817	11.315	
#2	1.1859	.08628	.77042	.15638	.28253	1.5731	11.334	
#3	1.1691	.08477	.77889	.15440	.28648	1.5872	11.338	

Sample Name: S2 Acquired: 11/9/2018 12:27:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) 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	2182.5	2429.4	49478.	4695.3	3548.2
Stddev	9.3	20.1	263.	24.0	32.4
%RSD	.42733	.82937	.53229	.51120	.91330
#1	2183.7	2417.3	49587.	4719.7	3526.3
#2	2172.6	2418.2	49178.	4694.4	3532.8
#3	2191.2	2452.7	49669.	4671.8	3585.4

Sample Name: S3 Acquired: 11/9/2018 12:31:15 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) 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	.10169	.19529	2.1815	.22759	.50866	6.0785	18.573	2.6701
Stddev	.00068	.00100	.0156	.00107	.00386	.0119	.098	.0135
%RSD	.67130	.51194	.71629	.47210	.75838	.19651	.52700	.50438

#1	.10151	.19427	2.1703	.22677	.50516	6.0896	18.677	2.6690
#2	.10112	.19535	2.1749	.22719	.50804	6.0802	18.561	2.6841
#3	.10244	.19626	2.1994	.22881	.51280	6.0659	18.482	2.6573

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	3.8258	3.7510	1.2669	.87334	.71871	.83840	.98381	.58695
Stddev	.0253	.0156	.0016	.00568	.00368	.00215	.00440	.00187
%RSD	.66082	.41556	.12657	.65086	.51139	.25702	.44765	.31848

#1	3.8063	3.7518	1.2657	.86813	.72264	.83884	.98628	.58884
#2	3.8167	3.7662	1.2664	.87250	.71813	.84030	.98643	.58692
#3	3.8543	3.7351	1.2687	.87940	.71536	.83606	.97873	.58510

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	.84034	.12517	.59325	.07218	.17391	2.2699	.41731	1.6721
Stddev	.00603	.00056	.00149	.00031	.00046	.0066	.00347	.0075
%RSD	.71704	.44394	.25048	.42438	.26646	.29167	.83078	.44580

#1	.83540	.12509	.59340	.07183	.17391	2.2749	.41426	1.6730
#2	.83856	.12576	.59465	.07243	.17437	2.2724	.41659	1.6790
#3	.84705	.12465	.59169	.07227	.17344	2.2624	.42108	1.6642

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2.3699	.29981	1.5517	.31527	.57380	3.2261	22.894	
Stddev	.0177	.00225	.0078	.00261	.00129	.0139	.092	
%RSD	.74732	.75017	.50422	.82754	.22511	.43186	.40009	

#1	2.3583	.29792	1.5485	.31333	.57462	3.2399	22.936	
#2	2.3611	.29921	1.5606	.31424	.57447	3.2265	22.958	
#3	2.3903	.30229	1.5460	.31823	.57231	3.2120	22.789	

Sample Name: S3 Acquired: 11/9/2018 12:31:15 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) 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	2155.9	2360.4	49692.	4663.8	3402.3
Stddev	10.2	10.7	154.	28.8	16.3
%RSD	.47309	.45444	.30987	.61741	.47974
#1	2151.6	2365.9	49790.	4661.8	3414.2
#2	2148.5	2367.3	49515.	4636.1	3409.0
#3	2167.5	2348.1	49772.	4693.6	3383.7

Sample Name: S4 Acquired: 11/9/2018 12:35:03 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) 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	.20447	.37957	4.3697	.44106	1.0222	12.229	37.156	5.2854
Stddev	.00051	.00028	.0010	.00029	.0002	.029	.031	.0117
%RSD	.25162	.07398	.02277	.06514	.01801	.23493	.08298	.22038

#1	.20417	.37979	4.3705	.44139	1.0224	12.197	37.121	5.2953
#2	.20417	.37925	4.3700	.44087	1.0220	12.253	37.177	5.2726
#3	.20506	.37966	4.3686	.44092	1.0223	12.238	37.170	5.2883

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	7.5266	7.4306	2.4740	1.7409	1.4198	1.6299	1.9019	1.1769
Stddev	.0022	.0145	.0043	.0006	.0033	.0062	.0037	.0059
%RSD	.02929	.19560	.17207	.03462	.23059	.38308	.19206	.50109

#1	7.5291	7.4171	2.4737	1.7410	1.4161	1.6255	1.9014	1.1701
#2	7.5260	7.4460	2.4784	1.7403	1.4219	1.6370	1.9058	1.1801
#3	7.5249	7.4288	2.4699	1.7415	1.4215	1.6271	1.8985	1.1806

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	1.6677	.25674	1.1838	.14227	.34531	4.6306	.82534	3.3893
Stddev	.0011	.00086	.0013	.00132	.00240	.0139	.00026	.0108
%RSD	.06524	.33396	.10652	.93010	.69452	.30112	.03123	.31996

#1	1.6681	.25593	1.1838	.14256	.34401	4.6198	.82561	3.3925
#2	1.6685	.25664	1.1850	.14343	.34808	4.6256	.82531	3.3772
#3	1.6665	.25764	1.1825	.14083	.34385	4.6463	.82509	3.3982

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	4.7732	.59690	2.9568	.62899	1.1259	6.5583	45.963	
Stddev	.0053	.00092	.0075	.00048	.0027	.0143	.065	
%RSD	.11084	.15368	.25318	.07664	.24030	.21775	.14224	

#1	4.7740	.59796	2.9654	.62937	1.1244	6.5518	45.889	
#2	4.7675	.59632	2.9518	.62915	1.1290	6.5746	46.011	
#3	4.7780	.59642	2.9531	.62845	1.1242	6.5484	45.989	

Sample Name: S4 Acquired: 11/9/2018 12:35:03 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) 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	2038.3	2215.1	48286.	4532.2	3185.7
Stddev	8.5	3.2	282.	8.6	6.4
%RSD	.41557	.14459	.58417	.19058	.20232
#1	2046.7	2212.8	48607.	4540.1	3181.1
#2	2029.8	2213.7	48079.	4523.0	3182.9
#3	2038.5	2218.8	48172.	4533.5	3193.0

Sample Name: S5 Acquired: 11/9/2018 12:38:50 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) 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	.41617	.72342	8.6370	.85839	2.0807	24.344	71.487	10.228
Stddev	.00131	.00112	.0083	.00216	.0019	.062	.829	.036
%RSD	.31498	.15437	.09598	.25114	.08905	.25560	1.1599	.35200

#1	.41718	.72221	8.6278	.85957	2.0825	24.279	72.332	10.208
#2	.41664	.72442	8.6396	.85970	2.0807	24.403	70.675	10.207
#3	.41469	.72361	8.6437	.85590	2.0788	24.348	71.453	10.270

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	14.563	14.489	4.6877	3.4305	2.7674	3.1318	3.6428	2.3661
Stddev	.017	.057	.0131	.0044	.0047	.0155	.0241	.0131
%RSD	.11985	.39585	.27924	.12702	.16952	.49538	.66112	.55141

#1	14.543	14.425	4.6758	3.4272	2.7622	3.1162	3.6169	2.3515
#2	14.573	14.534	4.6856	3.4290	2.7712	3.1320	3.6471	2.3700
#3	14.573	14.508	4.7018	3.4355	2.7689	3.1472	3.6644	2.3767

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	3.2553	.52004	2.3188	.27516	.69711	9.3009	.44657	6.6523
Stddev	.0044	.00182	.0108	.00082	.00454	.0243	.00032	.0281
%RSD	.13467	.34980	.46749	.29686	.65153	.26148	.07073	.42249

#1	3.2518	.51812	2.3063	.27516	.69201	9.2830	.44621	6.6399
#2	3.2538	.52026	2.3259	.27598	.70073	9.3286	.44680	6.6324
#3	3.2602	.52173	2.3241	.27435	.69858	9.2912	.44670	6.6844

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	9.6398	.33140	5.3480	1.2390	2.1689	13.329	89.207	
Stddev	.0081	.00058	.0233	.0020	.0061	.024	.944	
%RSD	.08399	.17402	.43618	.16188	.28140	.18173	1.0582	

#1	9.6468	.33087	5.3336	1.2367	2.1619	13.305	90.163	
#2	9.6418	.33201	5.3355	1.2402	2.1734	13.353	88.276	
#3	9.6310	.33133	5.3750	1.2402	2.1713	13.328	89.182	

Sample Name: S5 Acquired: 11/9/2018 12:38:50 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) 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	1912.6	2014.5	47397.	4454.3	2931.0
Stddev	12.3	4.4	146.	12.9	.9
%RSD	.64372	.21951	.30797	.28988	.03068
#1	1903.0	2009.6	47272.	4439.5	2930.1
#2	1908.4	2015.7	47360.	4459.7	2931.9
#3	1926.5	2018.2	47557.	4463.6	2930.9

Sample Name: S6 Acquired: 11/9/2018 12:42:53 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) 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	66.318	23.699	8.4230	3.8227	6.4884
Stddev	.308	.261	.0888	.0356	.0365
%RSD	.46374	1.1016	1.0544	.93024	.56170

#1	65.969	23.403	8.3230	3.7819	6.4471
#2	66.434	23.896	8.4926	3.8471	6.5017
#3	66.551	23.799	8.4534	3.8390	6.5162

Int. Std.	Y_3710
Units	Cts/S
Avg	4343.6
Stddev	31.2
%RSD	.71744

#1	4372.4
#2	4310.5
#3	4348.0

Sample Name: ICV Acquired: 11/9/2018 12:47:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) 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	.9259643	1.018657	.9189695	.9868211	.9136978	F 2.237626
Stddev	.0073916	.007044	.0025853	.0090230	.0024885	.003920
%RSD	.7982549	.6914803	.2813233	.9143459	.2723527	.1751731

#1	.9247962	1.010614	.9165750	.9770197	.9140127	2.241886
#2	.9192264	1.021634	.9186231	.9886616	.9110669	2.234173
#3	.9338704	1.023725	.9217106	.9947818	.9160139	2.236818

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4908373	.4795699	.4890323	9.908003	.5224285	.4814696
Stddev	.0010712	.0031644	.0012115	.135878	.0010167	.0004479
%RSD	.2182318	.6598493	.2477433	1.371399	.1946004	.0930313

#1	.4918003	.4817394	.4884021	10.04798	.5225322	.4812077
#2	.4896836	.4810314	.4882657	9.77664	.5233893	.4812143
#3	.4910280	.4759389	.4904290	9.89939	.5213640	.4819868

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5059818	5.228219	.5002007	5.505280	.4953114	.4587984
Stddev	.0029922	.032686	.0075121	.047049	.0013566	.0013040
%RSD	.5913630	.6251857	1.501812	.8546182	.2738806	.2842250

#1	.5093588	5.260391	.5086158	5.550985	.4954066	.4587745
#2	.5049257	5.195042	.4941708	5.507861	.4939097	.4601141
#3	.5036609	5.229223	.4978157	5.456994	.4966178	.4575064

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.273057	.5075093	.9373001	9.274925	F 9.685837	F 2.319837
Stddev	.164036	.0046048	.0127186	.093312	.040070	.009747
%RSD	1.768956	.9073367	1.356942	1.006073	.4136980	.4201414

#1	9.456036	.5126548	.9506053	9.375622	9.652698	2.320843
#2	9.223956	.5060969	.9252630	9.257777	9.730371	2.329041
#3	9.139178	.5037760	.9360321	9.191376	9.674443	2.309626

Sample Name: ICV Acquired: 11/9/2018 12:47:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) 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 2.293811	F 8.583857	2.264269	F 2.339401	2.484427	2.383980
Stddev	.005761	.067506	.008370	.002489	.026273	.008286
%RSD	.2511344	.7864355	.3696359	.1063819	1.057491	.3475856
#1	2.294993	8.514556	2.265324	2.336528	2.513535	2.393170
#2	2.287552	8.587601	2.272061	2.340898	2.462471	2.377078
#3	2.298889	8.649413	2.255422	2.340778	2.477276	2.381692

Elem	Sr4077
Units	ppm
Avg	2.208675
Stddev	.005836
%RSD	.2642124
#1	2.202086
#2	2.213192
#3	2.210746

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2291.847	2553.299	50732.69	4732.940	3781.902
Stddev	5.337	4.180	200.81	27.432	5.414
%RSD	.2328668	.1637117	.3958191	.5796018	.1431657
#1	2285.828	2555.017	50502.62	4701.392	3786.279
#2	2296.003	2556.346	50872.73	4751.175	3783.580
#3	2293.710	2548.534	50822.72	4746.254	3775.847

Sample Name: ICB Acquired: 11/9/2018 12:51:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003060	-.000418	.0011034	.0012290	.0024491	.0033037	.0004655
Stddev	.001760	.000364	.0015397	.0011452	.0012734	.0101765	.0004360
%RSD	57.51587	87.03959	139.5427	93.18086	51.99609	308.0323	93.65031

#1	-.003321	-.000246	-.000073	.0023418	.0009848	-.000351	.0006866
#2	-.001184	-.000172	.002846	.0012913	.0030647	.014803	.0007466
#3	-.004674	-.000836	.000537	.0000539	.0032978	-.004541	-.000037

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000061	-.000010	-.004603	-.000122	.0002626	.0021984	-.019131
Stddev	.000061	.000031	.021221	.000325	.0002249	.0034228	.008347
%RSD	98.73570	311.9791	461.0220	266.4328	85.63112	155.6962	43.63144

#1	-.000116	.000010	-.007734	-.000342	.0000179	.0004434	-.016264
#2	-.000072	-.000046	.018010	.000251	.0003098	.0061428	-.028533
#3	.000004	.000006	-.024084	-.000276	.0004602	.0000090	-.012595

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001115	-.030041	.0001231	-.000013	.0871680	-.000094	-.003109
Stddev	.002178	.023553	.0001248	.000261	.2440180	.003335	.003883
%RSD	195.3427	78.40352	101.3890	2055.490	279.9400	3532.034	124.8888

#1	-.002468	-.054459	.0002490	-.000099	.2995608	-.003726	-.003100
#2	.001398	-.007461	.0001206	.000281	-.179377	.002830	-.006997
#3	-.002276	-.028202	-.000000	-.000220	.141320	.000613	.000769

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0436405	-.009887	.0121998	.0002424	-.006451	.0013113	.0007487
Stddev	.0861130	.005832	.0008960	.0000500	.002932	.0009332	.0004141
%RSD	197.3235	58.98840	7.344329	20.62646	45.45036	71.16139	55.30748

#1	-.018316	-.003236	.0112982	.0002996	-.008819	.0014628	.0004397
#2	.141972	-.014128	.0122111	.0002203	-.003171	.0003117	.0005872
#3	.007265	-.012296	.0130901	.0002072	-.007363	.0021594	.0012192

Sample Name: ICB Acquired: 11/9/2018 12:51:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000235	.0055265	.0000707
Stddev	.001429	.0004897	.0000462
%RSD	608.7437	8.860450	65.32094

#1	.001322	.0057509	.0000789
#2	-.001488	.0049648	.0001122
#3	-.000538	.0058638	.0000210

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2262.670	2533.560	49989.06	4658.142	3740.908
Stddev	8.143	2.992	149.30	9.434	2.305
%RSD	.3598845	.1181054	.2986649	.2025298	.0616111

#1	2271.646	2530.711	50160.87	4662.250	3739.964
#2	2260.610	2536.677	49915.49	4647.350	3743.534
#3	2255.755	2533.292	49890.82	4664.825	3739.225

Sample Name: ICSA Acquired: 11/9/2018 12:55:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) 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	-.007776	.0039438	-.003122	-.016901	.0074836	266.9630
Stddev	.006768	.0010580	.001415	.003538	.0015840	1.9148
%RSD	87.03989	26.82625	45.32648	20.93414	21.16625	.7172614

#1	-.001394	.0027927	-.004731	-.018945	.0057551	264.7519
#2	-.007061	.0048737	-.002071	-.012815	.0078297	268.0605
#3	-.014874	.0041651	-.002563	-.018942	.0088659	268.0765

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045287	.0008495	-.000466	283.5138	.0576785	.0028312
Stddev	.0008227	.0000653	.000125	2.1702	.0005786	.0002509
%RSD	18.16548	7.685805	26.74029	.7654694	1.003203	8.862763

#1	.0037745	.0008300	-.000404	281.0102	.0572665	.0030830
#2	.0044057	.0009224	-.000385	284.6722	.0583400	.0028296
#3	.0054060	.0007963	-.000610	284.8590	.0574289	.0025811

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002339	116.0339	.0142975	285.7490	.0018855	-.001255
Stddev	.005273	.7161	.0019395	2.1026	.0006445	.000466
%RSD	225.4041	.6171754	13.56509	.7358134	34.18251	37.09827

#1	.001427	115.4821	.0164059	283.3380	.0016261	-.001473
#2	-.000080	115.7764	.0138972	286.7072	.0026192	-.001572
#3	-.008365	116.8432	.0125894	287.2018	.0014110	-.000720

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3191384	.0049816	-.010252	.3384485	.0270977	F .0853913
Stddev	.0454628	.0064607	.006602	.0994211	.0191836	.0008432
%RSD	14.24548	129.6928	64.39257	29.37554	70.79439	.9874741

#1	.3451434	.0018479	-.017019	.3635139	.0490068	.0863615
#2	.2666432	.0006853	-.003829	.2288934	.0189721	.0849774
#3	.3456285	.0124115	-.009908	.4229382	.0133141	.0848350

Sample Name: ICSA Acquired: 11/9/2018 12:55:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) 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	.0016263	.0520460	.0042879	-.001161	-.003402	.0276737
Stddev	.0006176	.0163522	.0008613	.001030	.003132	.0004923
%RSD	37.97853	31.41880	20.08782	88.71705	92.06828	1.778826

#1	.0022859	.0694525	.0034856	-.000040	-.000751	.0271762
#2	.0010615	.0370060	.0051981	-.002065	-.006859	.0281605
#3	.0015316	.0496794	.0041800	-.001378	-.002597	.0276845

Elem	Sr4077
Units	ppm
Avg	.1146255
Stddev	.0001156
%RSD	.1008384

#1	.1147461
#2	.1146147
#3	.1145157

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2112.647	2324.146	47774.55	4543.965	3255.121
Stddev	17.312	1.887	271.95	29.752	3.347
%RSD	.8194255	.0811924	.5692465	.6547695	.1028078

#1	2096.209	2322.034	47466.96	4570.011	3251.496
#2	2111.014	2324.741	47873.53	4511.541	3255.775
#3	2130.717	2325.664	47983.15	4550.344	3258.093

Sample Name: ICSAB Acquired: 11/9/2018 12:59:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) 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	.1001443	.1169395	.0521714	.0408727	.6572452	262.3216
Stddev	.0038558	.0012430	.0026101	.0058721	.0010948	.4796
%RSD	3.850286	1.062933	5.002852	14.36691	.1665740	.1828173

#1	.1016373	.1164506	.0498786	.0459529	.6567801	261.7787
#2	.1030304	.1183526	.0516238	.0344434	.6584957	262.6874
#3	.0957652	.1160154	.0550118	.0422218	.6564596	262.4987

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5877137	.5644911	1.139188	280.9020	F .6529646	.5673985
Stddev	.0019122	.0042261	.001913	.7183	.0020306	.0002790
%RSD	.3253593	.7486494	.1678865	.2557207	.3109750	.0491726

#1	.5856250	.5596146	1.137944	280.7668	.6544608	.5674111
#2	.5881381	.5670847	1.138230	281.6784	.6537800	.5671135
#3	.5893780	.5667740	1.141390	280.2610	.6506531	.5676710

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5747007	114.5680	.5978743	282.2689	1.136465	.2297543
Stddev	.0052419	.3333	.0021756	1.0077	.000431	.0023144
%RSD	.9121065	.2909050	.3638913	.3570131	.0379254	1.007314

#1	.5753726	114.4187	.5958297	281.9143	1.136115	.2309836
#2	.5691553	114.9499	.5976325	283.4060	1.136335	.2311945
#3	.5795742	114.3355	.6001607	281.4864	1.136946	.2270847

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4517891	.5846202	1.122202	.2146731	.1295549	F .6761356
Stddev	.2706314	.0046844	.018501	.0220763	.0056663	.0016864
%RSD	59.90214	.8012662	1.648598	10.28370	4.373710	.2494208

#1	.5631307	.5853350	1.142909	.2203266	.1314707	.6744497
#2	.6489891	.5796195	1.116397	.1903198	.1231789	.6761346
#3	.1432476	.5889061	1.107299	.2333728	.1340149	.6778226

Sample Name: ICSAB Acquired: 11/9/2018 12:59:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .5729495	.1394480	.5891991	F .6022688	.6225254	.0411935
Stddev	.0015279	.0387149	.0012013	.0041231	.0027327	.0030293
%RSD	.2666723	27.76295	.2038908	.6845914	.4389687	7.353801

#1	.5745048	.1762557	.5879269	.6069021	.6227711	.0405703
#2	.5728932	.1430154	.5893566	.6009003	.6251269	.0385243
#3	.5714506	.0990729	.5903140	.5990040	.6196781	.0444859

Elem	Sr4077
Units	ppm
Avg	.1278962
Stddev	.0004475
%RSD	.3498826

#1	.1274320
#2	.1279318
#3	.1283249

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2126.224	2350.760	48345.71	4564.142	3297.825
Stddev	19.510	5.701	386.72	20.636	8.246
%RSD	.9175684	.2425121	.7998968	.4521300	.2500289

#1	2108.495	2344.208	47935.68	4587.764	3292.743
#2	2123.051	2354.592	48397.57	4549.626	3307.339
#3	2147.125	2353.479	48703.88	4555.035	3293.393

Sample Name: CCV090 Acquired: 11/9/2018 13:03:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV090 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.788483	4.854294	24.61182	4.673091	4.817268	399.2312
Stddev	.021342	.001569	.05179	.016583	.018288	1.3861
%RSD	.4457021	.0323268	.2104293	.3548641	.3796381	.3471941

#1	4.778071	4.852581	24.55680	4.678226	4.796322	397.6314
#2	4.774346	4.854640	24.61903	4.654548	4.825413	400.0716
#3	4.813034	4.855662	24.65962	4.686500	4.830067	399.9907

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.07213	.5018607	2.472481	403.1057	15.18349	2.512407
Stddev	.00259	.0004394	.003766	2.9375	.00540	.005401
%RSD	.0257514	.0875632	.1523105	.7287096	.0355670	.2149751

#1	10.07025	.5013891	2.471151	399.7341	15.18498	2.506195
#2	10.07509	.5022586	2.469560	404.4709	15.17751	2.515032
#3	10.07106	.5019346	2.476731	405.1121	15.18800	2.515993

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.04644	404.8795	15.03141	403.4344	2.502540	1.277274
Stddev	.03165	2.1378	.07872	1.8748	.001972	.002253
%RSD	.2103438	.5280044	.5237181	.4647084	.0787946	.1764026

#1	15.01052	402.4893	14.94053	401.3480	2.500276	1.274817
#2	15.05859	405.5403	15.07523	403.9775	2.503885	1.279243
#3	15.07022	406.6088	15.07847	404.9776	2.503459	1.277762

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	394.9775	2.492369	14.80370	153.4436	F 20.37318	5.204405
Stddev	2.1723	.011632	.15652	.4835	.12728	.006749
%RSD	.5499822	.4667233	1.057294	.3150893	.6247316	.1296747

#1	392.4729	2.479122	14.77711	152.9041	20.23980	5.200479
#2	396.1111	2.497066	14.66218	153.8376	20.49332	5.212198
#3	396.3485	2.500918	14.97181	153.5893	20.38642	5.200538

Sample Name: CCV090 Acquired: 11/9/2018 13:03:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV090 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.836030	F 20.15920	4.942069	4.972439	4.986193	5.128620
Stddev	.015440	.07555	.010961	.012015	.025149	.016109
%RSD	.3192655	.3747545	.2217957	.2416404	.5043814	.3140982

#1	4.820668	20.11882	4.930564	4.959225	4.957394	5.115281
#2	4.835875	20.11243	4.943254	4.975384	4.997361	5.124062
#3	4.851547	20.24636	4.952390	4.982708	5.003824	5.146517

Elem	Sr4077
Units	ppm
Avg	5.066344
Stddev	.004510
%RSD	.0890261

#1	5.066758
#2	5.061641
#3	5.070634

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1998.693	2151.156	47479.87	4473.761	3001.084
Stddev	10.105	3.968	231.80	18.432	1.029
%RSD	.5055560	.1844607	.4882137	.4120025	.0342750

#1	2002.197	2155.267	47738.06	4492.337	3001.803
#2	2006.579	2150.852	47411.88	4473.469	3001.544
#3	1987.303	2147.349	47289.66	4455.477	2999.906

Sample Name: CCB090 Acquired: 11/9/2018 13:07:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB090 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001260	.0004199	.0000250	-.001261	.0014980	-.002867	-.000095
Stddev	.004116	.0015189	.0016694	.000539	.0006697	.013793	.000785
%RSD	326.7517	361.6987	6663.289	42.77025	44.71076	481.1445	830.0373

#1	-.002728	-.001258	.0001973	-.001870	.0015725	-.015182	-.001001
#2	.003389	.000815	.0016017	-.000842	.0021273	.012038	.000346
#3	-.004440	.001702	-.001724	-.001071	.0007941	-.005456	.000371

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000007	-.000008	.0081460	.0001147	.0002613	.0026370	-.029524
Stddev	.000050	.000021	.0107325	.0005922	.0000767	.0027653	.032225
%RSD	734.1330	264.4342	131.7515	516.3470	29.35794	104.8671	109.1480

#1	.000049	-.000012	-.001478	.0007984	.0003029	-.000516	-.029353
#2	-.000048	-.000027	.019720	-.000216	.0003082	.003774	.002615
#3	-.000021	.000015	.006197	-.000239	.0001728	.004652	-.061833

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011673	-.012774	.0001282	-.000430	.0864238	.0047922	-.005711
Stddev	.0006568	.005381	.0002394	.000087	.0838371	.0057660	.013879
%RSD	56.27236	42.12536	186.7476	20.27274	97.00702	120.3224	242.9999

#1	.0010998	-.018266	-.000068	-.000442	.1424720	.0114430	-.021306
#2	.0005468	-.012544	.000057	-.000338	.1267562	.0017340	.005282
#3	.0018552	-.007511	.000395	-.000511	-.009957	.0011994	-.001110

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0249275	-.009183	.0115535	.0001953	-.023530	.0003823	.0001114
Stddev	.0648735	.001707	.0004819	.0001079	.004539	.0005109	.0007419
%RSD	260.2485	18.58545	4.171323	55.25206	19.29148	133.6320	665.7506

#1	.0946488	-.007409	.0113029	.0002542	-.028642	-.000069	.0009522
#2	-.033656	-.010814	.0121091	.0002610	-.019973	.000937	-.000167
#3	.013790	-.009325	.0112485	.0000708	-.021973	.000279	-.000451

Sample Name: CCB090 Acquired: 11/9/2018 13:07:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB090 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000303	.0030362	.0000624
Stddev	.001160	.0006258	.0000539
%RSD	383.4954	20.61105	86.35424

#1	-.001634	.0023172	.0000242
#2	.000230	.0034578	.0000390
#3	.000496	.0033336	.0001240

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2281.335	2560.491	50574.11	4749.383	3795.991
Stddev	2.761	6.813	20.06	20.840	7.209
%RSD	.1210320	.2660668	.0396638	.4387927	.1899200

#1	2280.844	2556.048	50597.08	4744.750	3787.945
#2	2284.308	2568.334	50565.20	4731.250	3801.864
#3	2278.852	2557.089	50560.05	4772.150	3798.164

Sample Name: PB114628BL Acquired: 11/9/2018 13:11:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS628 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003061	-.001610	.0011795	.0020411	.0005707	-.003156	-.002221
Stddev	.002625	.001060	.0010746	.0003285	.0008502	.006809	.000182
%RSD	85.74453	65.86717	91.10890	16.09617	148.9689	215.7691	8.209076

#1	-.005423	-.000852	.0007333	.0017183	-.000259	-.010720	-.002378
#2	-.003525	-.001156	.0003998	.0020299	.000530	.002483	-.002265
#3	-.000235	-.002822	.0024054	.0023751	.001440	-.001230	-.002021

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000178	.0000005	.0264080	.0013793	.0000186	.0040826	-.016432
Stddev	.000028	.0000209	.0317231	.0002469	.0000557	.0030390	.014751
%RSD	15.52225	3926.715	120.1270	17.89745	299.0579	74.43798	89.77090

#1	-.000162	-.000019	.0540153	.0013420	.0000393	.0013481	-.021876
#2	-.000210	-.000002	-.008246	.0016426	.0000610	.0035453	-.027688
#3	-.000163	.000022	.033455	.0011531	-.000044	.0073545	.000267

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001780	-.044020	.0006465	-.000169	.0900574	.0008061	.0075630
Stddev	.0018292	.033945	.0001174	.000758	.2601165	.0032078	.0177732
%RSD	1027.554	77.11356	18.16203	448.4769	288.8342	397.9289	235.0008

#1	.0002483	-.028712	.0005219	-.000242	-.153881	.0008469	-.009753
#2	-.001685	-.082923	.0007552	.000623	.363786	.0039933	.006682
#3	.001971	-.020424	.0006625	-.000888	.060267	-.002422	.025760

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.080789	.0165216	.0045132	.0001697	-.026370	.0026996	.0009288
Stddev	.015503	.0059277	.0008323	.0003414	.013901	.0007249	.0007999
%RSD	19.18883	35.87869	18.44137	201.1298	52.71449	26.85135	86.12713

#1	-.098553	.0164110	.0049295	.0005438	-.030718	.0033071	.0015373
#2	-.069994	.0225039	.0035549	-.000125	-.037576	.0018972	.0012264
#3	-.073821	.0106500	.0050551	.000090	-.010815	.0028945	.0000227

Sample Name: PB114628BL Acquired: 11/9/2018 13:11:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS628 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000087	-.000583	.0001580
Stddev	.001001	.001235	.0000457
%RSD	1144.697	211.9209	28.92526

#1	-.000722	-.000621	.0002104
#2	-.000607	-.001799	.0001368
#3	.001067	.000671	.0001268

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2289.823	2567.013	50708.83	4770.025	3787.228
Stddev	10.273	2.331	211.60	12.944	6.182
%RSD	.4486189	.0907941	.4172852	.2713519	.1632236

#1	2301.638	2565.240	50951.01	4773.850	3780.502
#2	2284.828	2569.653	50559.71	4780.625	3792.660
#3	2283.004	2566.146	50615.76	4755.600	3788.522

Sample Name: PB114628BS Acquired: 11/9/2018 13:15:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS628 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0141280	.0463943	.0188879	.0610874	.1161858	.3766176
Stddev	.0034561	.0009885	.0013824	.0016860	.0004904	.0073127
%RSD	24.46277	2.130684	7.319204	2.759973	.4221115	1.941667

#1	.0154303	.0452540	.0204840	.0594549	.1166896	.3687213
#2	.0167437	.0469198	.0180638	.0609852	.1157099	.3831563
#3	.0102099	.0470090	.0181160	.0628222	.1161580	.3779752

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3894498	.0097635	.0098937	10.01893	.0230337	.0949426
Stddev	.0000153	.0000489	.0000716	.01558	.0004241	.0003120
%RSD	.0039229	.5003463	.7232083	.1555227	1.841431	.3285963

#1	.3894469	.0097924	.0099654	10.02242	.0227364	.0945826
#2	.3894362	.0097910	.0098223	10.00190	.0235194	.0951117
#3	.3894663	.0097071	.0098935	10.03248	.0228453	.0951336

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0529935	.2025431	.0318247	9.545764	.0784266	.0182978
Stddev	.0028632	.0156725	.0018527	.098505	.0004812	.0002130
%RSD	5.403007	7.737865	5.821464	1.031925	.6135961	1.164072

#1	.0505291	.1989455	.0336527	9.654566	.0779613	.0184447
#2	.0561344	.2197016	.0299483	9.462641	.0783963	.0183951
#3	.0523168	.1889822	.0318729	9.520086	.0789223	.0180535

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.608320	.1054853	.1194070	9.032824	F .7203121	F .0220992
Stddev	.053710	.0066715	.0086577	.036391	.0105152	.0009037
%RSD	.5589913	6.324605	7.250580	.4028696	1.459806	4.089488

#1	9.647981	.1077509	.1256998	8.991311	.7097261	.0211898
#2	9.629781	.0979760	.1229878	9.047949	.7204552	.0221106
#3	9.547198	.1107289	.1095333	9.059214	.7307550	.0229972

Sample Name: PB114628BS Acquired: 11/9/2018 13:15:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS628 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193263	.6383879	.1832881	F .0144133	.0991826	.0859169
Stddev	.0001695	.0027255	.0017228	.0006674	.0008841	.0007826
%RSD	.8769987	.4269326	.9399391	4.630384	.8913544	.9109074

#1	.0191634	.6357993	.1826426	.0150461	.0993935	.0859954
#2	.0195017	.6412322	.1852404	.0137160	.0982122	.0850980
#3	.0193139	.6381322	.1819812	.0144778	.0999422	.0866574

Elem	Sr4077
Units	ppm
Avg	.1961373
Stddev	.0005878
%RSD	.2996687

#1	.1956880
#2	.1968025
#3	.1959215

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2263.709	2546.654	50524.57	4771.308	3798.560
Stddev	23.863	2.838	415.89	16.549	7.916
%RSD	1.054166	.1114515	.8231415	.3468375	.2084050

#1	2236.205	2543.422	50074.96	4757.375	3789.420
#2	2276.014	2547.798	50603.26	4766.950	3803.033
#3	2278.910	2548.741	50895.50	4789.600	3803.228

Sample Name: J5843-01 Acquired: 11/9/2018 13:19:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4F9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0613098	.0051189	.9377283	-.018861	.0036325	74.50651	.8208849
Stddev	.0015751	.0021724	.0008831	.001428	.0006420	.27514	.0013596
%RSD	2.569152	42.43962	.0941733	7.573351	17.67272	.3692800	.1656307

#1	.0609411	.0036309	.9367122	-.018780	.0036521	74.23092	.8203906
#2	.0630366	.0076118	.9381626	-.017475	.0042645	74.78120	.8224226
#3	.0599517	.0041139	.9383101	-.020328	.0029810	74.50742	.8198416

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067216	.0102814	20.59713	.7392441	.1047280	.3008813	213.5343
Stddev	.0000581	.0000830	.22313	.0017065	.0006489	.0026752	1.2624
%RSD	.8644908	.8073479	1.083284	.2308449	.6196290	.8891240	.5912094

#1	.0067563	.0103464	20.39945	.7389618	.1044852	.3006599	212.2397
#2	.0067540	.0101879	20.83907	.7410742	.1054633	.3036604	214.7619
#3	.0066545	.0103099	20.55288	.7376964	.1042355	.2983237	213.6013

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.858734	26.64226	.2100944	.0057311	1.121842	.2229423	1.543449
Stddev	.042988	.17791	.0004973	.0002542	.048336	.0056540	.004543
%RSD	.8847530	.6677850	.2367119	4.435823	4.308634	2.536071	.2943665

#1	4.823963	26.47213	.2095908	.0056165	1.103827	.2166984	1.541488
#2	4.906799	26.82705	.2101074	.0060224	1.176598	.2277157	1.540216
#3	4.845442	26.62759	.2105851	.0055543	1.085100	.2244130	1.548644

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.288287	24.89807	.1765981	.0034668	8.703152	2.978861	.1243192
Stddev	.032182	.02493	.0038677	.0003594	.020066	.017471	.0025663
%RSD	.4415536	.1001427	2.190112	10.36570	.2305555	.5865129	2.064306

#1	7.288234	24.91651	.1738861	.0038557	8.680996	2.973542	.1256475
#2	7.320495	24.90800	.1748812	.0033974	8.720102	2.998374	.1213610
#3	7.256131	24.86970	.1810270	.0031472	8.708358	2.964667	.1259492

Sample Name: J5843-01 Acquired: 11/9/2018 13:19:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MCB4F9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.585919	.1271289	.1175537
Stddev	.005950	.0009434	.0002658
%RSD	.3751912	.7420421	.2260930

#1	1.579546	.1262482	.1177354
#2	1.591328	.1281244	.1176770
#3	1.586883	.1270142	.1172486

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2527.370	2823.784	56875.10	5393.489	3691.490
Stddev	12.872	6.466	227.25	55.640	6.725
%RSD	.5092890	.2289979	.3995562	1.031616	.1821664

#1	2535.325	2817.242	57092.97	5431.406	3683.728
#2	2512.520	2830.172	56639.51	5329.614	3695.196
#3	2534.266	2823.936	56892.81	5419.448	3695.547

Sample Name: J5843-02 Acquired: 11/9/2018 13:23:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4F9D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0610004	.0063910	.9654647	-.019815	.0063175	78.52693	.8426984
Stddev	.0032443	.0006366	.0017780	.001892	.0013599	.35504	.0011146
%RSD	5.318523	9.961246	.1841626	9.545831	21.52563	.4521293	.1322659

#1	.0614797	.0058669	.9673918	-.017634	.0069044	78.87379	.8428591
#2	.0639785	.0070995	.9651141	-.020821	.0047627	78.16423	.8415122
#3	.0575432	.0062068	.9638880	-.020992	.0072853	78.54275	.8437240

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069017	.0106490	21.43955	.7557544	.1087522	.3103570	220.0689
Stddev	.0000983	.0002270	.20408	.0015972	.0005676	.0023544	2.0593
%RSD	1.423590	2.131274	.9518978	.2113350	.5219556	.7586013	.9357555

#1	.0070128	.0104187	21.65753	.7560391	.1087243	.3116231	221.9045
#2	.0068263	.0108725	21.25301	.7571900	.1081990	.3076405	217.8420
#3	.0068659	.0106558	21.40812	.7540340	.1093333	.3118074	220.4601

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.940769	27.37953	.2195430	.0058018	1.329255	.2381179	1.571515
Stddev	.044663	.25178	.0007365	.0006953	.214360	.0009289	.027658
%RSD	.9039659	.9195986	.3354937	11.98429	16.12629	.3900993	1.759942

#1	4.980135	27.55537	.2201201	.0061070	1.576708	.2370486	1.577860
#2	4.892233	27.09110	.2197955	.0050060	1.200486	.2387256	1.595450
#3	4.949939	27.49212	.2187134	.0062922	1.210572	.2385795	1.541237

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.810460	25.77287	.1808129	.0032607	8.896304	3.844316	.0906998
Stddev	.019612	.06971	.0024884	.0001168	.038329	.034354	.0015570
%RSD	.2510966	.2704904	1.376244	3.581283	.4308368	.8936243	1.716713

#1	7.794541	25.84511	.1836665	.0031426	8.940537	3.880344	.0916845
#2	7.804470	25.76752	.1790941	.0032635	8.875486	3.811926	.0889047
#3	7.832368	25.70599	.1796782	.0033761	8.872890	3.840677	.0915101

Sample Name: J5843-02 Acquired: 11/9/2018 13:23:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MCB4F9D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.601755	.1336282	.1227296
Stddev	.009348	.0009165	.0002824
%RSD	.5835976	.6858290	.2300984

#1	1.606642	.1326106	.1230219
#2	1.590977	.1338855	.1227087
#3	1.607647	.1343886	.1224582

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2526.469	2817.263	56785.73	5372.032	3669.744
Stddev	19.450	2.045	353.13	47.454	2.780
%RSD	.7698319	.0725908	.6218634	.8833513	.0757647

#1	2513.447	2816.364	56531.37	5319.086	3667.885
#2	2517.133	2819.604	56636.91	5410.729	3668.406
#3	2548.826	2815.822	57188.91	5386.282	3672.940

Sample Name: J5843-03 Acquired: 11/9/2018 13:27:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4F9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1228956	.1059224	.9956587	-.002726	.0562345	79.49419	4.667065
Stddev	.0050734	.0042226	.0031129	.000590	.0004450	.50608	.008401
%RSD	4.128243	3.986530	.3126480	21.65492	.7913065	.6366300	.1800151

#1	.1174657	.1086789	.9946966	-.002434	.0558343	79.47747	4.669665
#2	.1237061	.1080273	.9931403	-.003406	.0561555	78.99666	4.657671
#3	.1275149	.1010611	.9991390	-.002339	.0567137	80.00842	4.673859

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0957404	.1142677	20.56801	1.269427	1.154788	.7914618	217.7467
Stddev	.0008083	.0000605	.21082	.001693	.002255	.0067844	2.0211
%RSD	.8442058	.0529495	1.024984	.1333811	.1952599	.8572041	.9281741

#1	.0961245	.1142393	20.57169	1.269824	1.153521	.7992455	218.5198
#2	.0948118	.1143372	20.35537	1.270886	1.153451	.7868024	215.4533
#3	.0962850	.1142266	20.77696	1.267570	1.157391	.7883374	219.2672

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.833669	26.69098	1.276614	.0913018	1.374798	1.186679	2.503427
Stddev	.072159	.24926	.002420	.0001932	.214124	.011916	.032242
%RSD	1.236938	.9338879	.1895891	.2115487	15.57497	1.004147	1.287907

#1	5.849276	26.61973	1.276765	.0913700	1.378456	1.194559	2.536103
#2	5.754984	26.48509	1.274121	.0910838	1.158868	1.172970	2.471638
#3	5.896748	26.96811	1.278955	.0914515	1.587070	1.192506	2.502540

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.557386	24.71267	.1802996	.0038255	8.243625	2.978567	.1106989
Stddev	.075126	.07229	.0024689	.0004077	.023060	.038276	.0014356
%RSD	.9940703	.2925034	1.369339	10.65844	.2797294	1.285055	1.296824

#1	7.637299	24.73939	.1787439	.0042962	8.245496	2.987977	.1121065
#2	7.488200	24.63083	.1790086	.0035999	8.219687	2.936463	.1107533
#3	7.546660	24.76779	.1831464	.0035805	8.265693	3.011261	.1092369

Sample Name: J5843-03 Acquired: 11/9/2018 13:27:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4F9S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.488424	.1317055	.1229865
Stddev	.010260	.0013306	.0004745
%RSD	.6893045	1.010284	.3857797

#1	1.487265	.1302889	.1232296
#2	1.478793	.1329290	.1224397
#3	1.499214	.1318986	.1232901

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2519.944	2811.811	57198.00	5413.686	3680.172
Stddev	12.351	3.571	19.51	47.677	9.891
%RSD	.4901456	.1270109	.0341115	.8806673	.2687613

#1	2507.420	2807.749	57183.91	5392.140	3670.428
#2	2520.297	2813.227	57220.27	5468.332	3690.203
#3	2532.116	2814.458	57189.81	5380.586	3679.883

Sample Name: J5843-01LX5 Acquired: 11/9/2018 13:31:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4F9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0178943	.0009043	.2018141	-.002782	.0021209	17.57518	.1918230
Stddev	.0014812	.0014130	.0022702	.000954	.0012396	.05545	.0011078
%RSD	8.277658	156.2577	1.124881	34.30511	58.44807	.3154764	.5775193

#1	.0172918	.0005460	.2031951	-.003883	.0035058	17.58569	.1931005
#2	.0195819	.0024619	.1991941	-.002205	.0011151	17.62462	.1912425
#3	.0168093	-.000295	.2030533	-.002257	.0017417	17.51524	.1911261

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015457	.0020153	4.924376	.1734695	.0222553	.0769874	50.39319
Stddev	.0000316	.0000513	.036095	.0005042	.0001244	.0036665	.50521
%RSD	2.044187	2.545706	.7329854	.2906397	.5588959	4.762465	1.002529

#1	.0015207	.0019633	4.958563	.1728993	.0221674	.0775923	50.41627
#2	.0015352	.0020167	4.927930	.1736530	.0223976	.0730561	50.88645
#3	.0015812	.0020659	4.886636	.1738562	.0222009	.0803139	49.87683

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.139253	6.135668	.0454396	.0011754	.4567942	.0521604	.3496248
Stddev	.011462	.055373	.0003904	.0000753	.0354596	.0028209	.0106964
%RSD	1.006055	.9024745	.8591319	6.402430	7.762709	5.408149	3.059400

#1	1.143697	6.174749	.0450088	.0010928	.4186935	.0502223	.3393374
#2	1.147827	6.072303	.0455399	.0011934	.4628587	.0508621	.3606880
#3	1.126235	6.159954	.0457700	.0012400	.4888305	.0553967	.3488491

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.700812	5.453038	.0424644	.0009574	1.874581	1.088453	.0220942
Stddev	.093455	.009189	.0011905	.0002437	.004676	.006510	.0002970
%RSD	5.494729	.1685059	2.803431	25.45108	.2494164	.5980595	1.344275

#1	1.594220	5.443078	.0423775	.0007071	1.878618	1.095863	.0217543
#2	1.739532	5.454852	.0436960	.0009712	1.875667	1.085840	.0222245
#3	1.768684	5.461185	.0413198	.0011938	1.869458	1.083656	.0223037

Sample Name: J5843-01LX5 Acquired: 11/9/2018 13:31:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4F9L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3747175	.0285348	.0277561
Stddev	.0028276	.0014695	.0000719
%RSD	.7545890	5.149884	.2590031

#1	.3753789	.0301254	.0277082
#2	.3771557	.0282514	.0277214
#3	.3716178	.0272276	.0278388

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2314.480	2576.005	51425.28	4813.892	3714.143
Stddev	3.709	5.266	26.25	10.689	2.959
%RSD	.1602390	.2044161	.0510470	.2220539	.0796795

#1	2311.740	2576.886	51455.08	4808.150	3716.695
#2	2318.700	2570.354	51415.20	4807.300	3710.899
#3	2312.999	2580.775	51405.56	4826.225	3714.836

Sample Name: J5843-04 Acquired: 11/9/2018 13:35:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4G0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0435204	.0050061	.4363038	-.018000	-.002889	63.99373	.5769980
Stddev	.0063730	.0004806	.0017124	.001155	.001648	.12248	.0009812
%RSD	14.64361	9.600286	.3924665	6.416485	57.05028	.1913955	.1700525

#1	.0461012	.0045451	.4371772	-.019224	-.003630	64.11996	.5778538
#2	.0362618	.0049690	.4343309	-.017848	-.001000	63.87538	.5759271
#3	.0481982	.0055041	.4374034	-.016929	-.004036	63.98585	.5772131

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056244	.0061999	15.83872	1.847876	.0927328	.1753332	197.9966
Stddev	.0000804	.0001179	.08333	.004563	.0000707	.0033659	.8504
%RSD	1.429148	1.902187	.5260845	.2469176	.0762118	1.919738	.4294885

#1	.0057168	.0060857	15.92394	1.852162	.0928141	.1751508	198.4188
#2	.0055707	.0063213	15.75743	1.848386	.0926860	.1787867	197.0177
#3	.0055858	.0061927	15.83478	1.843079	.0926983	.1720622	198.5532

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.334146	22.99297	.2287575	.0035211	1.511226	.1667591	1.009849
Stddev	.018349	.05771	.0005660	.0009020	.047091	.0010904	.024827
%RSD	.4233597	.2510025	.2474094	25.61681	3.116052	.6538845	2.458530

#1	4.351128	22.99924	.2285391	.0041869	1.501233	.1679692	.999112
#2	4.314682	22.93238	.2283333	.0024945	1.562511	.1658527	.992197
#3	4.336627	23.04729	.2294002	.0038817	1.469934	.1664555	1.038238

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.656028	18.74728	.1597738	.0027547	5.168882	3.435240	.0416025
Stddev	.040660	.08874	.0037222	.0001699	.012830	.028031	.0013659
%RSD	.5310859	.4733356	2.329670	6.167451	.2482241	.8159829	3.283152

#1	7.702130	18.65437	.1563510	.0025738	5.176054	3.464773	.0403945
#2	7.640669	18.75631	.1592339	.0027794	5.176522	3.409002	.0413283
#3	7.625285	18.83116	.1637365	.0029109	5.154069	3.431947	.0430847

Sample Name: J5843-04 Acquired: 11/9/2018 13:35:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4G0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.349823	.1174603	.1118883
Stddev	.005385	.0009085	.0004555
%RSD	.3989725	.7734623	.4071213

#1	1.353846	.1181165	.1124142
#2	1.343705	.1178410	.1116334
#3	1.351919	.1164233	.1116173

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2498.193	2766.791	56064.38	5269.068	3707.284
Stddev	12.386	3.608	295.00	54.285	3.326
%RSD	.4958125	.1304090	.5261791	1.030260	.0897229

#1	2512.270	2764.156	55986.68	5206.872	3704.634
#2	2493.346	2770.903	55816.01	5306.918	3711.016
#3	2488.963	2765.313	56390.46	5293.414	3706.201

Sample Name: J5843-05 Acquired: 11/9/2018 13:39:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4G1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0510651	.0055811	1.619412	-.031961	.0029414	153.8683	1.376297
Stddev	.0008301	.0036720	.001891	.003503	.0018894	.4428	.003894
%RSD	1.625655	65.79294	.1167668	10.95977	64.23596	.2877527	.2829072

#1	.0505721	.0097172	1.621216	-.034698	.0051167	153.5236	1.375893
#2	.0520236	.0027052	1.617445	-.028013	.0017080	153.7138	1.372621
#3	.0505997	.0043209	1.619576	-.033171	.0019996	154.3677	1.380377

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121048	.0080308	57.60321	1.855910	.1981628	.5080268	362.7011
Stddev	.0000364	.0002401	.27380	.002180	.0006662	.0045446	2.0913
%RSD	.3009882	2.989068	.4753227	.1174588	.3362004	.8945611	.5766025

#1	.0120634	.0082547	57.39158	1.856928	.1984497	.5043087	361.1413
#2	.0121322	.0080605	57.50560	1.853407	.1974012	.5066788	361.8844
#3	.0121188	.0077773	57.91243	1.857394	.1986375	.5130929	365.0776

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.996908	51.44597	.4217219	.0017954	2.285658	.5030773	1.554584
Stddev	.032983	.16818	.0002810	.0003211	.146176	.0057573	.020336
%RSD	.4713891	.3269125	.0666373	17.88546	6.395370	1.144427	1.308135

#1	6.970455	51.29683	.4219383	.0017589	2.124201	.4994497	1.532216
#2	6.986405	51.41283	.4214043	.0014941	2.409003	.5097158	1.559578
#3	7.033863	51.62826	.4218231	.0021332	2.323770	.5000664	1.571958

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.52020	45.27940	.2702671	.0067630	13.78312	4.680535	.0775972
Stddev	.05085	.04025	.0100130	.0003705	.03313	.021673	.0015530
%RSD	.2161848	.0889023	3.704844	5.477704	.2403781	.4630495	2.001312

#1	23.57822	45.30844	.2666932	.0064675	13.82018	4.705038	.0759969
#2	23.48339	45.23345	.2625314	.0071786	13.77283	4.672690	.0776967
#3	23.49901	45.29632	.2815766	.0066429	13.75636	4.663876	.0790981

Sample Name: J5843-05 Acquired: 11/9/2018 13:39:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4G1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.884112	.1908558	.3421557
Stddev	.007094	.0012756	.0013722
%RSD	.1452483	.6683304	.4010440

#1	4.881657	.1894501	.3433409
#2	4.878571	.1919395	.3424738
#3	4.892107	.1911778	.3406524

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2707.500	2999.076	61521.86	5826.785	3561.148
Stddev	13.405	8.470	269.62	26.525	7.920
%RSD	.4950895	.2824232	.4382573	.4552327	.2223918

#1	2710.295	2989.939	61608.74	5811.490	3552.048
#2	2692.918	3000.623	61219.51	5811.451	3566.483
#3	2719.287	3006.666	61737.34	5857.414	3564.913

Sample Name: J5843-06 Acquired: 11/9/2018 13:43:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4G2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0759506	.0073081	1.494457	-.034999	.0036868	151.5735	1.421075
Stddev	.0018758	.0008075	.002891	.002529	.0014637	.1768	.000723
%RSD	2.469786	11.04862	.1934763	7.225637	39.70137	.1166667	.0508569

#1	.0772830	.0073011	1.493636	-.037861	.0053698	151.4395	1.420888
#2	.0767634	.0081191	1.497670	-.033067	.0027106	151.5071	1.420465
#3	.0738055	.0065042	1.492065	-.034068	.0029800	151.7739	1.421873

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124594	.0125116	56.58466	1.647646	.2019227	.4495149	371.5804
Stddev	.0001228	.0001515	.18611	.000857	.0009359	.0036280	.4758
%RSD	.9859178	1.210567	.3289073	.0520406	.4635106	.8070883	.1280367

#1	.0123603	.0125610	56.49550	1.646677	.2025950	.4460981	371.0359
#2	.0124211	.0123416	56.45991	1.648306	.2023192	.4533224	371.7892
#3	.0125968	.0126323	56.79858	1.647954	.2008537	.4491241	371.9161

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.876898	55.06026	.4945795	.0046485	2.685393	.4773394	1.714935
Stddev	.016449	.14509	.0011345	.0002006	.132180	.0041939	.017960
%RSD	.1852957	.2635180	.2293890	4.316170	4.922184	.8785977	1.047258

#1	8.864365	54.90026	.4935498	.0044773	2.609948	.4817582	1.704291
#2	8.870806	55.18329	.4943931	.0048693	2.838018	.4734141	1.704843
#3	8.895523	55.09723	.4957957	.0045990	2.608213	.4768459	1.735671

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.04754	45.54251	.2757504	.0069120	18.54141	3.343882	.0758278
Stddev	.09576	.12296	.0044265	.0005290	.07270	.013909	.0017003
%RSD	.3982140	.2699898	1.605243	7.652835	.3920922	.4159468	2.242338

#1	23.95629	45.43676	.2749629	.0074880	18.46682	3.334732	.0768725
#2	24.03909	45.67743	.2805178	.0064481	18.61206	3.337027	.0767450
#3	24.14725	45.51333	.2717705	.0067999	18.54536	3.359888	.0738658

Sample Name: J5843-06 Acquired: 11/9/2018 13:43:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4G2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.158766	.2208770	.3573847
Stddev	.008201	.0003164	.0009491
%RSD	.1971960	.1432496	.2655570

#1	4.168235	.2205846	.3563864
#2	4.153926	.2212129	.3582753
#3	4.154138	.2208337	.3574923

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2728.657	3037.953	61972.34	5917.248	3552.094
Stddev	9.395	3.413	142.29	21.932	5.371
%RSD	.3443004	.1123542	.2295963	.3706474	.1512044

#1	2719.837	3037.627	61850.93	5938.437	3551.422
#2	2727.597	3041.517	61937.18	5918.665	3547.091
#3	2738.537	3034.714	62128.91	5894.641	3557.770

Sample Name: J5843-07 Acquired: 11/9/2018 13:47:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4G3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0300343	.0027615	.5801943	-.031927	.0024700	158.8018	1.182543
Stddev	.0021697	.0035727	.0049661	.000862	.0008746	.4777	.006009
%RSD	7.224000	129.3741	.8559415	2.698851	35.40788	.3008018	.5081405

#1	.0298064	.0034260	.5774735	-.032921	.0028587	159.3442	1.187263
#2	.0279876	-.001097	.5859262	-.031461	.0014685	158.6175	1.175778
#3	.0323090	.005955	.5771831	-.031398	.0030829	158.4437	1.184588

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0125302	.0068275	7.957033	1.395659	.1731531	.1912669	337.6126
Stddev	.0001968	.0002388	.121997	.003592	.0010573	.0019142	1.9947
%RSD	1.570659	3.497521	1.533194	.2574022	.6106049	1.000772	.5908362

#1	.0125930	.0065594	8.064645	1.392737	.1728111	.1896102	337.9049
#2	.0126879	.0069060	7.981954	1.399670	.1723092	.1933623	339.4450
#3	.0123096	.0070172	7.824500	1.394570	.1743391	.1908282	335.4878

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.121981	29.94437	.2743443	.0027673	1.637023	.4933829	.6249793
Stddev	.049514	.19271	.0010744	.0002683	.114246	.0052673	.0119515
%RSD	.8087985	.6435716	.3916220	9.695807	6.978868	1.067595	1.912303

#1	6.115816	29.74244	.2740595	.0026091	1.647786	.4877198	.6243475
#2	6.174289	30.12631	.2734411	.0030771	1.745506	.4942929	.6133562
#3	6.075838	29.96435	.2755324	.0026158	1.517777	.4981359	.6372341

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.555170	27.94856	.2428191	.0082286	9.646990	3.475403	.0237851
Stddev	.055180	.06961	.0037347	.0001563	.076065	.038211	.0020562
%RSD	.5774852	.2490687	1.538061	1.899242	.7884849	1.099464	8.644761

#1	9.571837	27.88368	.2440428	.0080704	9.715421	3.479856	.0218180
#2	9.493578	28.02210	.2386260	.0083829	9.565090	3.511191	.0236172
#3	9.600095	27.93990	.2457884	.0082326	9.660458	3.435160	.0259200

Sample Name: J5843-07 Acquired: 11/9/2018 13:47:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4G3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.596688	.1401979	.0761273
Stddev	.003890	.0014376	.0001471
%RSD	.1498112	1.025396	.1932404

#1	2.600159	.1418499	.0762625
#2	2.597420	.1392309	.0761487
#3	2.592483	.1395130	.0759707

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2962.969	3301.702	66958.43	6372.231	3606.318
Stddev	17.006	4.631	303.20	67.522	4.113
%RSD	.5739509	.1402655	.4528219	1.059623	.1140412

#1	2954.018	3301.272	66706.54	6319.314	3602.322
#2	2982.581	3297.302	67294.96	6349.102	3606.094
#3	2952.307	3306.534	66873.78	6448.278	3610.539

Sample Name: J5843-08 Acquired: 11/9/2018 13:51:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4G4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0294400	.0056722	.3679863	-.040537	.0066928	196.6448	1.210705
Stddev	.0021890	.0010333	.0012686	.002169	.0006759	.7053	.002870
%RSD	7.435455	18.21794	.3447491	5.351292	10.09874	.3586534	.2370590

#1	.0269402	.0049425	.3689859	-.041242	.0067647	196.2195	1.208221
#2	.0303660	.0052194	.3665591	-.042266	.0059839	197.4589	1.213847
#3	.0310139	.0068546	.3684138	-.038103	.0073299	196.2561	1.210046

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0140898	.0057701	6.390996	1.592675	.2228209	.2245119	447.2532
Stddev	.0001380	.0001190	.131593	.003436	.0009316	.0021366	2.0563
%RSD	.9797166	2.062226	2.059033	.2157186	.4180778	.9516678	.4597643

#1	.0139615	.0056856	6.272256	1.596171	.2217601	.2269094	446.9792
#2	.0140719	.0059062	6.532477	1.589303	.2231968	.2228091	449.4328
#3	.0142359	.0057186	6.368254	1.592552	.2235058	.2238171	445.3477

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.140496	38.05792	.3268573	.0029408	2.039035	.6252899	.6642868
Stddev	.034404	.02203	.0005345	.0000732	.099223	.0053521	.0171467
%RSD	.5602870	.0578815	.1635337	2.489516	4.866198	.8559395	2.581215

#1	6.123592	38.06008	.3270560	.0029363	1.933261	.6208259	.6840313
#2	6.180082	38.03489	.3262519	.0030161	2.053790	.6312232	.6531403
#3	6.117812	38.07879	.3272640	.0028699	2.130055	.6238207	.6556887

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.64514	26.45814	.3257213	.0094990	7.939317	3.572637	.0180740
Stddev	.00627	.02921	.0045817	.0003474	.022097	.029807	.0014793
%RSD	.0428249	.1103832	1.406628	3.656783	.2783220	.8342996	8.184641

#1	14.63869	26.45003	.3271725	.0091644	7.919321	3.538572	.0195086
#2	14.65121	26.43385	.3294016	.0098579	7.963041	3.593923	.0165538
#3	14.64551	26.49054	.3205897	.0094748	7.935590	3.585417	.0181595

Sample Name: J5843-08 Acquired: 11/9/2018 13:51:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4G4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.759654	.1843052	.0903446
Stddev	.005419	.0006803	.0001896
%RSD	.1441454	.3691239	.2098066

#1	3.758549	.1835621	.0901507
#2	3.765540	.1848974	.0905294
#3	3.754872	.1844562	.0903538

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2758.229	3075.144	62449.25	5926.358	3553.319
Stddev	18.889	6.317	354.37	36.581	3.311
%RSD	.6848362	.2054070	.5674601	.6172542	.0931753

#1	2737.355	3069.144	62048.01	5965.083	3551.774
#2	2763.184	3074.552	62719.41	5892.386	3551.063
#3	2774.146	3081.735	62580.33	5921.604	3557.120

Sample Name: J5843-09 Acquired: 11/9/2018 13:55:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4G5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0519823	.0105281	1.115390	-.037822	.0031030	148.4921	1.246128
Stddev	.0017604	.0019571	.004471	.002082	.0006911	.2564	.001006
%RSD	3.386620	18.58908	.4008469	5.504352	22.27100	.1726658	.0806935

#1	.0507802	.0123629	1.110372	-.038635	.0038139	148.4941	1.244970
#2	.0511637	.0084682	1.116849	-.035456	.0030616	148.2347	1.246637
#3	.0540030	.0107532	1.118950	-.039374	.0024336	148.7475	1.246778

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0126995	.0118376	49.37514	1.867828	.2111331	.4445108	379.5272
Stddev	.0000620	.0001867	.23424	.006211	.0009098	.0014925	.7583
%RSD	.4878753	1.577120	.4744148	.3325361	.4309336	.3357544	.1998017

#1	.0127334	.0118465	49.33183	1.868010	.2103017	.4455649	379.9626
#2	.0126280	.0116467	49.16558	1.873946	.2109925	.4428031	379.9674
#3	.0127371	.0120197	49.62802	1.861527	.2121050	.4451645	378.6516

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.257730	46.98625	.3824405	.0045264	2.019061	.4374098	1.702160
Stddev	.015944	.17285	.0013623	.0002871	.051384	.0067177	.011132
%RSD	.2196815	.3678783	.3562226	6.342267	2.544954	1.535790	.6539632

#1	7.272879	47.18562	.3809738	.0042138	2.078270	.4440246	1.713228
#2	7.241095	46.89474	.3836663	.0047783	1.992775	.4376111	1.702287
#3	7.259215	46.87839	.3826814	.0045870	1.986137	.4305938	1.690966

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.03840	39.61676	.2753469	.0087915	9.725192	3.278580	.0540065
Stddev	.08607	.11820	.0074005	.0001972	.058227	.038285	.0009253
%RSD	.4520929	.2983621	2.687693	2.242573	.5987231	1.167717	1.713396

#1	19.01429	39.52012	.2804598	.0086835	9.658917	3.273839	.0532103
#2	18.96695	39.58162	.2787200	.0086719	9.748531	3.242886	.0537875
#3	19.13395	39.74855	.2668608	.0090191	9.768130	3.319014	.0550217

Sample Name: J5843-09 Acquired: 11/9/2018 13:55:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MCB4G5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.438025	.1959314	.2063004
Stddev	.009008	.0011093	.0006792
%RSD	.3694759	.5661396	.3292026

#1	2.429279	.1956465	.2056777
#2	2.447274	.1949924	.2061989
#3	2.437521	.1971553	.2070245

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2691.099	2968.209	60655.21	5789.745	3574.944
Stddev	8.908	6.627	244.72	42.741	12.838
%RSD	.3310088	.2232707	.4034602	.7382138	.3591159

#1	2681.452	2971.456	60439.22	5792.249	3587.598
#2	2699.013	2972.585	60605.41	5831.179	3575.307
#3	2692.833	2960.584	60921.00	5745.807	3561.929

Sample Name: J5843-10 Acquired: 11/9/2018 13:59:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4G6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0462975	.0114338	1.329023	-.039376	.0039615	165.8844	1.562752
Stddev	.0057449	.0010307	.001989	.000990	.0012128	.3968	.003940
%RSD	12.40865	9.014376	.1496654	2.513064	30.61427	.2391807	.2521168

#1	.0396683	.0124164	1.329363	-.040475	.0027091	166.0697	1.562689
#2	.0494029	.0103610	1.326887	-.039096	.0040452	166.1545	1.566723
#3	.0498214	.0115240	1.330821	-.038556	.0051303	165.4288	1.558843

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0139656	.0126182	35.44668	2.184681	.2501090	.5951546	420.2472
Stddev	.0002064	.0001194	.27350	.005577	.0008495	.0052146	.9692
%RSD	1.478127	.9465834	.7715949	.2552942	.3396656	.8761795	.2306207

#1	.0142039	.0126043	35.76096	2.187101	.2500052	.5956347	421.3663
#2	.0138434	.0127439	35.31645	2.188640	.2510057	.5897165	419.6818
#3	.0138495	.0125062	35.26263	2.178303	.2493162	.6001126	419.6936

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.743419	48.64762	.4841739	.0072143	2.257837	.4690939	2.087848
Stddev	.051931	.17599	.0003504	.0003531	.096065	.0077959	.022589
%RSD	.5939396	.3617634	.0723696	4.894500	4.254749	1.661911	1.081936

#1	8.790972	48.72632	.4845712	.0068068	2.255504	.4648200	2.071299
#2	8.751279	48.44601	.4840412	.0074054	2.162960	.4780921	2.078663
#3	8.688007	48.77052	.4839092	.0074306	2.355048	.4643696	2.113583

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.93380	37.98956	.3152282	.0112475	9.867858	2.440501	.0905446
Stddev	.06303	.07149	.0069505	.0003725	.056096	.013323	.0011204
%RSD	.3011065	.1881790	2.204915	3.312242	.5684765	.5459230	1.237438

#1	20.98483	38.03548	.3185498	.0108958	9.919394	2.455880	.0918349
#2	20.86334	38.02601	.3072401	.0116379	9.876072	2.433156	.0899819
#3	20.95323	37.90720	.3198949	.0112090	9.808107	2.432467	.0898170

Sample Name: J5843-10 Acquired: 11/9/2018 13:59:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4G6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.412016	.2231885	.1949303
Stddev	.006743	.0007412	.0006937
%RSD	.2795632	.3321159	.3558833

#1	2.406351	.2229719	.1943007
#2	2.419474	.2240139	.1948162
#3	2.410222	.2225797	.1956740

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2689.624	2992.406	61385.68	5829.906	3558.958
Stddev	8.383	.926	45.74	36.087	7.959
%RSD	.3116910	.0309600	.0745132	.6189961	.2236248

#1	2685.601	2991.409	61435.10	5788.241	3551.801
#2	2699.261	2992.567	61344.84	5851.263	3557.543
#3	2684.011	2993.241	61377.09	5850.214	3567.529

Sample Name: J5843-11 Acquired: 11/9/2018 14:03:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4G7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0684673	.0045326	1.209160	-.039546	.0061029	155.7880	1.607152
Stddev	.0019634	.0019364	.003024	.003154	.0004925	.0891	.001065
%RSD	2.867639	42.72287	.2501069	7.974581	8.070057	.0571728	.0662398

#1	.0702875	.0029813	1.210226	-.036243	.0057716	155.8384	1.607867
#2	.0687278	.0039135	1.211507	-.039869	.0066688	155.8404	1.607661
#3	.0663867	.0067028	1.205748	-.042526	.0058682	155.6851	1.605929

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0130783	.0111222	62.84435	1.283044	.1975540	.5644919	356.1126
Stddev	.0001166	.0002208	.07273	.003559	.0003403	.0012257	.6562
%RSD	.8917319	1.985092	.1157343	.2774201	.1722778	.2171392	.1842574

#1	.0130940	.0108789	62.91618	1.283401	.1977215	.5653843	355.3555
#2	.0131863	.0111778	62.84613	1.286412	.1971623	.5649971	356.5161
#3	.0129547	.0113098	62.77075	1.279320	.1977780	.5630943	356.4662

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.926949	45.32384	.3941018	.0042316	2.181628	.4360197	1.741565
Stddev	.014283	.27793	.0010457	.0002635	.050224	.0035010	.027205
%RSD	.2061878	.6132155	.2653448	6.226240	2.302155	.8029413	1.562085

#1	6.912107	45.10062	.3933888	.0039893	2.223883	.4381486	1.753316
#2	6.940597	45.63514	.3936143	.0045121	2.126100	.4379314	1.710460
#3	6.928142	45.23575	.3953023	.0041934	2.194901	.4319790	1.760920

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.08123	49.91163	.2733421	.0105807	12.96681	3.706263	.1289929
Stddev	.07146	.05650	.0038504	.0002006	.07448	.013397	.0015078
%RSD	.3952350	.1131930	1.408629	1.895852	.5743971	.3614772	1.168863

#1	18.06395	49.93398	.2722488	.0107308	12.98538	3.709859	.1294547
#2	18.01999	49.84738	.2701565	.0103529	13.03024	3.717496	.1302157
#3	18.15975	49.95354	.2776208	.0106584	12.88480	3.691435	.1273082

Sample Name: J5843-11 Acquired: 11/9/2018 14:03:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4G7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.037917	.1975707	.3064369
Stddev	.006061	.0015306	.0008969
%RSD	.2974261	.7747202	.2926884

#1	2.031892	.1968244	.3061665
#2	2.037845	.1965564	.3057064
#3	2.044014	.1993313	.3074380

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2736.539	3058.759	62196.89	5960.646	3521.550
Stddev	35.122	.377	565.78	40.773	8.777
%RSD	1.283444	.0123247	.9096667	.6840299	.2492453

#1	2697.436	3059.128	61543.62	5923.871	3512.050
#2	2765.404	3058.775	62529.19	5953.575	3529.358
#3	2746.778	3058.375	62517.88	6004.491	3523.242

Sample Name: J5843-12 Acquired: 11/9/2018 14:07:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4G8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0781900	.0067240	1.068265	-.037172	.0093915	159.6555	1.794616
Stddev	.0012363	.0012010	.004273	.003043	.0011896	.2902	.004243
%RSD	1.581205	17.86142	.3999631	8.185608	12.66653	.1817615	.2364377

#1	.0789691	.0063289	1.063741	-.039046	.0085018	159.4303	1.796500
#2	.0767644	.0080728	1.068820	-.033662	.0107426	159.9830	1.797591
#3	.0788364	.0057704	1.072233	-.038810	.0089299	159.5532	1.789757

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0135931	.0112436	69.67788	.6657613	.1915715	.6169214	354.3703
Stddev	.0001307	.0001612	.29180	.0028595	.0002241	.0035200	1.5018
%RSD	.9613168	1.434114	.4187852	.4295135	.1169601	.5705744	.4237905

#1	.0137062	.0112199	69.34409	.6627273	.1916186	.6200283	353.1746
#2	.0134500	.0110955	69.80496	.6684066	.1913276	.6176375	356.0558
#3	.0136230	.0114154	69.88459	.6661499	.1917683	.6130984	353.8803

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.914659	41.16282	.3601059	.0031966	2.102769	.4125259	1.464614
Stddev	.040726	.26161	.0005374	.0004154	.090615	.0039055	.009415
%RSD	.5889799	.6355582	.1492445	12.99575	4.309296	.9467402	.6428561

#1	6.891968	40.88632	.3598286	.0036357	2.067750	.4161496	1.466524
#2	6.961675	41.40643	.3597638	.0028098	2.034890	.4083892	1.472928
#3	6.890332	41.19572	.3607254	.0031444	2.205668	.4130390	1.454390

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.40770	50.91543	.2605902	.0114010	10.91858	3.237320	.0638610
Stddev	.07444	.12250	.0058466	.0002158	.02812	.005803	.0015230
%RSD	.4831070	.2405979	2.243607	1.892823	.2575613	.1792505	2.384922

#1	15.32666	50.81926	.2555475	.0115966	10.93657	3.239209	.0621697
#2	15.42341	50.87369	.2669989	.0114371	10.88617	3.241943	.0651241
#3	15.47303	51.05335	.2592244	.0111695	10.93300	3.230808	.0642891

Sample Name: J5843-12 Acquired: 11/9/2018 14:07:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MCB4G8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.508212	.1987282	.3756997
Stddev	.008912	.0012709	.0003984
%RSD	.5909225	.6395292	.1060486

#1	1.515808	.1975283	.3752688
#2	1.510427	.2000599	.3760546
#3	1.498401	.1985964	.3757758

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2851.824	3138.815	64102.54	6124.669	3522.814
Stddev	15.464	4.818	172.78	23.684	3.981
%RSD	.5422344	.1534899	.2695389	.3866980	.1129983

#1	2843.931	3137.620	64269.32	6143.589	3519.095
#2	2869.641	3134.707	64113.98	6132.310	3527.013
#3	2841.899	3144.118	63924.33	6098.108	3522.334

Sample Name: J5843-13 Acquired: 11/9/2018 14:11:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4G9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0258302	.0021418	.6543488	-.033173	.0075821	162.5653	1.174633
Stddev	.0047281	.0024184	.0023847	.002437	.0023544	.2915	.001948
%RSD	18.30456	112.9108	.3644404	7.347403	31.05272	.1792993	.1658130

#1	.0311435	.0007529	.6567296	-.030358	.0083514	162.5465	1.176341
#2	.0242608	.0049343	.6543567	-.034558	.0049392	162.2837	1.172512
#3	.0220864	.0007384	.6519601	-.034602	.0094556	162.8657	1.175045

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124187	.0053575	22.17632	.7501273	.1953293	.2504059	357.9847
Stddev	.0001395	.0001567	.11388	.0032838	.0006425	.0017363	.8268
%RSD	1.122917	2.924831	.5135058	.4377628	.3289180	.6934112	.2309496

#1	.0125797	.0054583	22.20681	.7519636	.1960703	.2499581	357.4878
#2	.0123417	.0051770	22.05030	.7520822	.1949887	.2523222	357.5273
#3	.0123347	.0054374	22.27184	.7463361	.1949288	.2489373	358.9391

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.180740	37.71394	.3247552	.0022043	1.859807	.5171498	.8399240
Stddev	.020284	.23158	.0008766	.0002540	.196707	.0018410	.0145074
%RSD	.3281835	.6140566	.2699397	11.52153	10.57675	.3559797	1.727229

#1	6.168371	37.83323	.3255676	.0019394	1.633279	.5166927	.8350091
#2	6.169700	37.44703	.3238260	.0022279	1.958666	.5191762	.8285126
#3	6.204149	37.86157	.3248720	.0024457	1.987476	.5155804	.8562505

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.47045	42.60801	.2522302	.0077451	11.29268	2.963985	.0214864
Stddev	.02699	.11655	.0079712	.0002915	.03396	.030329	.0008401
%RSD	.2003592	.2735304	3.160295	3.763748	.3007535	1.023262	3.909903

#1	13.45092	42.69066	.2434136	.0078297	11.30184	2.995939	.0218329
#2	13.45919	42.47471	.2543491	.0079849	11.25508	2.960420	.0205284
#3	13.50125	42.65866	.2589279	.0074206	11.32112	2.935595	.0220977

Sample Name: J5843-13 Acquired: 11/9/2018 14:11:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MCB4G9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.981351	.1512747	.1206689
Stddev	.007855	.0014497	.0002112
%RSD	.1973015	.9583126	.1750075

#1	3.972284	.1518818	.1208404
#2	3.986118	.1523220	.1204331
#3	3.985650	.1496201	.1207333

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2804.208	3102.800	63242.73	6009.534	3572.840
Stddev	20.062	7.552	49.16	27.028	5.186
%RSD	.7154193	.2433937	.0777352	.4497488	.1451508

#1	2825.883	3095.777	63285.92	5980.262	3567.545
#2	2800.449	3101.834	63253.04	6014.797	3573.065
#3	2786.291	3110.788	63189.23	6033.543	3577.909

Sample Name: J5843-14 Acquired: 11/9/2018 14:15:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4H0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0191238	.0049087	.6792602	-.030112	.0077992	144.3956	1.039290
Stddev	.0051788	.0017471	.0008610	.001759	.0005419	.4444	.002768
%RSD	27.08035	35.59201	.1267554	5.841327	6.947910	.3077358	.2663355

#1	.0178000	.0051772	.6801621	-.030173	.0071753	144.6652	1.041135
#2	.0147354	.0030430	.6791718	-.031840	.0080710	143.8827	1.036107
#3	.0248360	.0065061	.6784469	-.028323	.0081514	144.6388	1.040627

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109706	.0042881	20.86618	.6644303	.1699023	.2267230	319.9482
Stddev	.0001554	.0000745	.08362	.0015103	.0005339	.0027515	1.4391
%RSD	1.416563	1.737015	.4007271	.2273091	.3142221	1.213609	.4497905

#1	.0111342	.0043728	20.83580	.6656313	.1704081	.2289544	320.3054
#2	.0109525	.0042328	20.80199	.6649249	.1699545	.2275660	318.3642
#3	.0108250	.0042588	20.96074	.6627347	.1693442	.2236486	321.1751

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.548600	34.26407	.2707985	.0017945	1.677494	.4590997	.7549041
Stddev	.032109	.12094	.0006151	.0005349	.150480	.0015652	.0167950
%RSD	.5786866	.3529598	.2271262	29.80754	8.970531	.3409212	2.224786

#1	5.559882	34.12443	.2700916	.0022450	1.842508	.4606136	.7362802
#2	5.512373	34.33276	.2710924	.0012033	1.642124	.4574878	.7595324
#3	5.573546	34.33502	.2712114	.0019352	1.547850	.4591975	.7688996

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.77024	37.99790	.2279522	.0066507	10.15018	2.181520	.0214819
Stddev	.06011	.04931	.0081744	.0003207	.04585	.014123	.0014877
%RSD	.5107338	.1297679	3.586008	4.821579	.4517523	.6473727	6.925362

#1	11.83919	38.05466	.2186902	.0062873	10.20252	2.196651	.0224197
#2	11.74275	37.97349	.2341587	.0067712	10.11709	2.179222	.0197666
#3	11.72879	37.96556	.2310076	.0068937	10.13093	2.168688	.0222594

Sample Name: J5843-14 Acquired: 11/9/2018 14:15:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4H0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.422982	.1326543	.1090454
Stddev	.008984	.0000439	.0002170
%RSD	.2624750	.0330826	.1989620

#1	3.428175	.1326063	.1092959
#2	3.412608	.1326923	.1089147
#3	3.428164	.1326642	.1089257

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2754.579	3058.680	62052.38	5886.232	3625.510
Stddev	2.705	3.532	116.63	36.726	4.682
%RSD	.0982133	.1154595	.1879562	.6239319	.1291396

#1	2752.391	3054.622	62169.22	5855.637	3622.060
#2	2753.740	3060.354	62051.96	5876.098	3623.630
#3	2757.604	3061.062	61935.95	5926.961	3630.839

Sample Name: J5843-15 Acquired: 11/9/2018 14:19:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4H1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0608388	.0078058	.9341317	-.016846	.0029707	73.77450	.8156974
Stddev	.0039782	.0017399	.0038912	.002763	.0011726	.43863	.0012488
%RSD	6.538873	22.29014	.4165610	16.40372	39.47058	.5945609	.1530900

#1	.0651889	.0063322	.9315023	-.019102	.0020787	73.53323	.8160540
#2	.0573856	.0073600	.9386018	-.013763	.0042988	74.28081	.8167290
#3	.0599421	.0097253	.9322911	-.017672	.0025345	73.50947	.8143091

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065561	.0105680	20.03621	.7337484	.1055117	.3058132	211.8456
Stddev	.0001214	.0001284	.31419	.0019447	.0005022	.0034637	2.5061
%RSD	1.852196	1.215409	1.568093	.2650303	.4760067	1.132628	1.182984

#1	.0065857	.0104625	19.78671	.7341136	.1054772	.3059798	209.9839
#2	.0066599	.0105306	20.38905	.7316470	.1060302	.3091907	214.6951
#3	.0064226	.0107111	19.93288	.7354845	.1050275	.3022692	210.8578

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.028311	26.28244	.2140697	.0059630	1.233204	.2327910	1.532187
Stddev	.062320	.36621	.0004168	.0004144	.281152	.0043466	.017353
%RSD	1.239381	1.393358	.1947005	6.949191	22.79851	1.867157	1.132548

#1	4.978594	26.09996	.2142325	.0056446	1.556497	.2334408	1.538210
#2	5.098224	26.70403	.2135961	.0064315	1.097196	.2281561	1.545726
#3	5.008116	26.04332	.2143805	.0058128	1.045917	.2367760	1.512626

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.159000	24.72267	.1702719	.0038441	8.607299	1.929680	.1105839
Stddev	.005686	.01031	.0059015	.0001298	.043865	.014640	.0013579
%RSD	.0794216	.0417205	3.465911	3.375266	.5096268	.7586503	1.227926

#1	7.153237	24.71472	.1672009	.0039475	8.620213	1.914133	.1090207
#2	7.164605	24.73432	.1770757	.0038863	8.643258	1.931707	.1114713
#3	7.159157	24.71896	.1665393	.0036985	8.558427	1.943201	.1112597

Sample Name: J5843-15 Acquired: 11/9/2018 14:19:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4H1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.448360	.1249064	.1149877
Stddev	.011421	.0012420	.0003387
%RSD	.7885548	.9943789	.2945147

#1	1.438836	.1241045	.1149858
#2	1.461022	.1242775	.1146500
#3	1.445221	.1263371	.1153273

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2517.221	2806.240	56573.18	5370.566	3674.672
Stddev	10.112	5.360	204.51	20.124	9.191
%RSD	.4017195	.1910010	.3614959	.3747057	.2501287

#1	2505.591	2809.144	56367.86	5393.128	3675.665
#2	2522.131	2800.055	56776.87	5354.470	3665.025
#3	2523.940	2809.521	56574.79	5364.099	3683.327

Sample Name: J5843-16 Acquired: 11/9/2018 14:23:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4H2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0618488	.0076883	1.032428	-.019369	.0048900	77.91336	.8553112
Stddev	.0030012	.0033541	.004172	.001678	.0007464	.22289	.0033255
%RSD	4.852411	43.62567	.4040773	8.663079	15.26470	.2860743	.3888005

#1	.0587404	.0050383	1.036123	-.017518	.0048086	77.78128	.8568114
#2	.0620763	.0065672	1.033256	-.019799	.0056738	78.17070	.8576223
#3	.0647298	.0114593	1.027904	-.020790	.0041876	77.78809	.8515000

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069932	.0111161	21.32814	.7716836	.1112156	.3206290	225.3848
Stddev	.0000450	.0000226	.19549	.0033149	.0001677	.0030098	.5313
%RSD	.6435534	.2031284	.9165897	.4295705	.1507597	.9387116	.2357422

#1	.0069737	.0111365	21.21454	.7712219	.1112381	.3171892	224.8289
#2	.0070447	.0111201	21.55387	.7752052	.1113709	.3227785	225.4380
#3	.0069612	.0110918	21.21601	.7686238	.1110378	.3219193	225.8875

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.125220	27.69353	.2246718	.0058636	1.268679	.2375689	1.634487
Stddev	.017486	.02487	.0001775	.0003180	.086675	.0033813	.027121
%RSD	.3411686	.0898116	.0790161	5.423183	6.831913	1.423275	1.659319

#1	5.105641	27.71530	.2247504	.0061808	1.177510	.2409530	1.638275
#2	5.139281	27.69886	.2247963	.0058651	1.350022	.2341905	1.605671
#3	5.130738	27.66642	.2244685	.0055448	1.278504	.2375631	1.659515

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.476987	26.88462	.1743959	.0036490	9.379149	2.482534	.1117529
Stddev	.062362	.04762	.0049922	.0001100	.018203	.044067	.0012470
%RSD	.8340509	.1771404	2.862588	3.012988	.1940796	1.775070	1.115860

#1	7.439561	26.93683	.1735307	.0036496	9.399250	2.441703	.1107802
#2	7.548977	26.87344	.1698929	.0035388	9.374421	2.529246	.1113197
#3	7.442421	26.84357	.1797643	.0037587	9.363777	2.476653	.1131587

Sample Name: J5843-16 Acquired: 11/9/2018 14:23:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4H2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.480105	.1333162	.1222229
Stddev	.002657	.0005162	.0007768
%RSD	.1795054	.3871629	.6355719

#1	1.482572	.1330606	.1227034
#2	1.477292	.1329776	.1213267
#3	1.480450	.1339102	.1226386

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2552.131	2829.279	57379.56	5444.450	3675.499
Stddev	21.650	.643	427.21	34.861	8.355
%RSD	.8483128	.0227174	.7445354	.6403047	.2273191

#1	2527.221	2828.896	56896.18	5445.311	3666.598
#2	2566.410	2828.919	57536.00	5409.166	3683.172
#3	2562.762	2830.021	57706.50	5478.872	3676.727

Sample Name: J5843-17 Acquired: 11/9/2018 14:27:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4H3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.010627	-.000489	.0197355	-.000699	-.029409	2.595389	.0356166
Stddev	.001639	.000574	.0021373	.002040	.000979	.014152	.0006567
%RSD	15.41913	117.2313	10.82956	291.7688	3.330093	.5452733	1.843793

#1	-.009007	-.000101	.0214572	.000585	-.029112	2.606707	.0363178
#2	-.010591	-.000219	.0173434	.000369	-.028613	2.599938	.0355158
#3	-.012284	-.001148	.0204058	-.003052	-.030503	2.579522	.0350161

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005487	-.000495	3.360951	6.855006	.0190216	.0334069	72.40544
Stddev	.0000860	.000090	.010441	.015129	.0001288	.0021171	.37716
%RSD	15.67649	18.22051	.3106437	.2207029	.6773289	6.337382	.5208981

#1	.0005063	-.000556	3.350481	6.866383	.0188894	.0340811	72.67188
#2	.0004922	-.000391	3.371362	6.860799	.0191468	.0310348	72.57055
#3	.0006477	-.000536	3.361008	6.837837	.0190288	.0351049	71.97388

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5230501	1.347976	.0539676	-.000619	.2947086	.0227784	.0833655
Stddev	.0053197	.076704	.0006141	.000299	.2559269	.0008739	.0103009
%RSD	1.017059	5.690304	1.137938	48.37653	86.84066	3.836301	12.35635

#1	.5281994	1.377133	.0538858	-.000938	.1307899	.0217694	.0838144
#2	.5233759	1.405826	.0546185	-.000574	.1637206	.0232887	.0728474
#3	.5175749	1.260969	.0533985	-.000344	.5896153	.0232772	.0934346

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3245181	1.381882	.0578777	.0030813	1.063618	.7471057	.0009749
Stddev	.0659877	.013348	.0008831	.0001831	.016752	.0164127	.0004030
%RSD	20.33406	.9658933	1.525768	5.940947	1.574960	2.196839	41.34206

#1	.3979364	1.366469	.0577736	.0029317	1.082816	.7422915	.0005189
#2	.3054638	1.389575	.0570512	.0030268	1.056064	.7653871	.0012835
#3	.2701541	1.389601	.0588081	.0032854	1.051973	.7336384	.0011222

Sample Name: J5843-17 Acquired: 11/9/2018 14:27:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4H3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0993771	-.001476	.0394519
Stddev	.0009084	.000460	.0000507
%RSD	.9140868	31.15181	.1284194

#1	.1001386	-.001077	.0394318
#2	.0983716	-.001372	.0394145
#3	.0996210	-.001979	.0395096

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2269.212	2535.967	51553.82	4872.358	3777.815
Stddev	18.038	4.209	217.36	20.476	4.997
%RSD	.7949145	.1659531	.4216229	.4202494	.1322725

#1	2267.793	2532.665	51518.87	4875.225	3773.717
#2	2251.925	2534.531	51356.05	4850.600	3776.348
#3	2287.917	2540.706	51786.54	4891.250	3783.382

Sample Name: CCV091 Acquired: 11/9/2018 14:31:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV091 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.739450	4.767670	24.27995	4.650096	4.793311	398.6190
Stddev	.009572	.007964	.03519	.017005	.003766	.9434
%RSD	.2019723	.1670326	.1449353	.3656904	.0785595	.2366788

#1	4.742039	4.776451	24.29453	4.656552	4.797609	399.4928
#2	4.747462	4.760917	24.23982	4.662928	4.791731	397.6186
#3	4.728850	4.765641	24.30552	4.630809	4.790593	398.7456

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.958086	.4954049	2.438501	403.0998	14.93349	2.474757
Stddev	.017356	.0024704	.003284	2.2259	.03661	.001526
%RSD	.1742883	.4986585	.1346616	.5521956	.2451580	.0616652

#1	9.957029	.4971629	2.439023	405.5573	14.96663	2.474902
#2	9.941282	.4925804	2.434988	401.2189	14.89419	2.473164
#3	9.975946	.4964713	2.441493	402.5233	14.93964	2.476206

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.82488	405.9994	14.76276	402.6492	2.464701	1.261105
Stddev	.02433	2.3616	.12679	2.6824	.004774	.007221
%RSD	.1641398	.5816723	.8588785	.6661780	.1936970	.5725568

#1	14.83828	408.7146	14.90027	405.7464	2.467279	1.269074
#2	14.79679	404.4230	14.65047	401.1242	2.459192	1.254999
#3	14.83957	404.8606	14.73754	401.0770	2.467631	1.259241

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	395.0600	2.468423	14.68351	151.9337	F 20.65320	5.076555
Stddev	1.7392	.004115	.03639	.4848	.06569	.022923
%RSD	.4402247	.1667226	.2478475	.3190768	.3180480	.4515480

#1	395.5238	2.472916	14.67838	151.6477	20.69676	5.092241
#2	393.1360	2.464836	14.72219	151.6599	20.57764	5.050248
#3	396.5203	2.467516	14.64996	152.4934	20.68518	5.087175

Sample Name: CCV091 Acquired: 11/9/2018 14:31:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV091 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.803295	F 20.07737	4.736031	4.914069	4.919967	5.050727
Stddev	.003668	.09028	.030074	.011159	.025555	.003590
%RSD	.0763565	.4496446	.6350037	.2270881	.5194085	.0710864

#1	4.799986	20.18099	4.758042	4.920331	4.949463	5.051473
#2	4.802662	20.01568	4.701764	4.901185	4.905937	5.046823
#3	4.807238	20.03545	4.748286	4.920691	4.904499	5.053886

Elem	Sr4077
Units	ppm
Avg	5.011704
Stddev	.011561
%RSD	.2306779

#1	4.998506
#2	5.020036
#3	5.016571

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1991.162	2143.725	47661.12	4499.557	2997.934
Stddev	8.277	2.969	78.70	23.685	3.798
%RSD	.4156804	.1384957	.1651207	.5263886	.1266763

#1	1999.975	2143.442	47613.18	4496.836	2993.702
#2	1983.553	2140.907	47751.95	4524.485	2999.053
#3	1989.957	2146.825	47618.25	4477.350	3001.046

Sample Name: CCB091 Acquired: 11/9/2018 14:34:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB091 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002133	-.000238	.0011767	.0001049	.0003994	-.012097	-.000504
Stddev	.002494	.000472	.0008109	.0028150	.0012444	.011901	.000704
%RSD	116.9075	198.2687	68.91672	2682.962	311.5721	98.38221	139.6111

#1	-.000894	-.000634	.0003249	.0014221	.0013535	.000415	-.001266
#2	-.005004	.000284	.0012657	.0020198	-.001008	-.023274	.000121
#3	-.000502	-.000364	.0019394	-.003127	.000853	-.013431	-.000367

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000042	.0000139	-.003056	.0000196	.0001516	.0030609	-.002737
Stddev	.000035	.0000637	.036107	.0002885	.0002406	.0024267	.012020
%RSD	83.43845	458.3930	1181.398	1473.693	158.7386	79.28129	439.2061

#1	-.000071	.0000870	.020781	.0000427	-.000115	.0048511	-.016183
#2	-.000003	-.000016	.014649	.0002958	.000352	.0002989	.001004
#3	-.000052	-.000029	-.044598	-.000280	.000218	.0040327	.006968

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001460	-.022133	.0000236	-.000305	.0040258	.0020629	.0000836
Stddev	.001317	.042646	.0001266	.000400	.2969197	.0015870	.0083461
%RSD	90.22792	192.6781	536.3752	131.3253	7375.380	76.92947	9984.490

#1	-.000028	-.066012	-.000072	-.000644	.2773134	.0004617	-.009436
#2	-.002621	-.019550	-.000024	-.000407	.0466772	.0036352	.006146
#3	-.001731	.019162	.000167	.000137	-.311913	.0020918	.003541

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.049888	-.005923	.0057566	-.000001	-.014279	-.000292	.0002158
Stddev	.043547	.005166	.0006600	.000181	.003706	.001168	.0008618
%RSD	87.28961	87.21957	11.46445	24829.80	25.95390	400.5228	399.3850

#1	-.008505	-.008968	.0057403	.000167	-.017926	-.001243	.0012026
#2	-.045843	-.008844	.0051049	-.000193	-.014395	.001012	-.000166
#3	-.095317	.000042	.0064246	.000024	-.010516	-.000645	-.000389

Sample Name: CCB091 Acquired: 11/9/2018 14:34:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v703) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB091 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000726	.0011866	.0000553
Stddev	.000889	.0022545	.0000691
%RSD	122.4851	190.0068	124.9390

#1	-.001479	.0019943	.0000462
#2	-.000953	-.001361	.0001284
#3	.000255	.002926	-.000009

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2263.062	2549.151	50268.12	4731.383	3766.567
Stddev	8.615	3.760	120.06	22.772	4.597
%RSD	.3806731	.1475143	.2388386	.4812916	.1220366

#1	2263.272	2548.659	50328.38	4732.825	3771.269
#2	2254.344	2553.134	50129.87	4753.400	3766.349
#3	2271.570	2545.662	50346.12	4707.925	3762.083