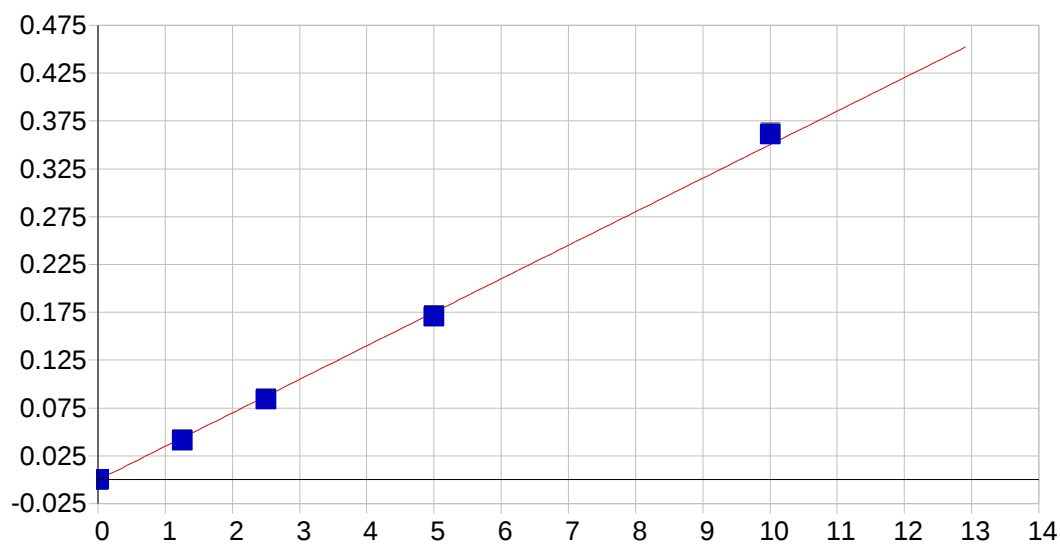


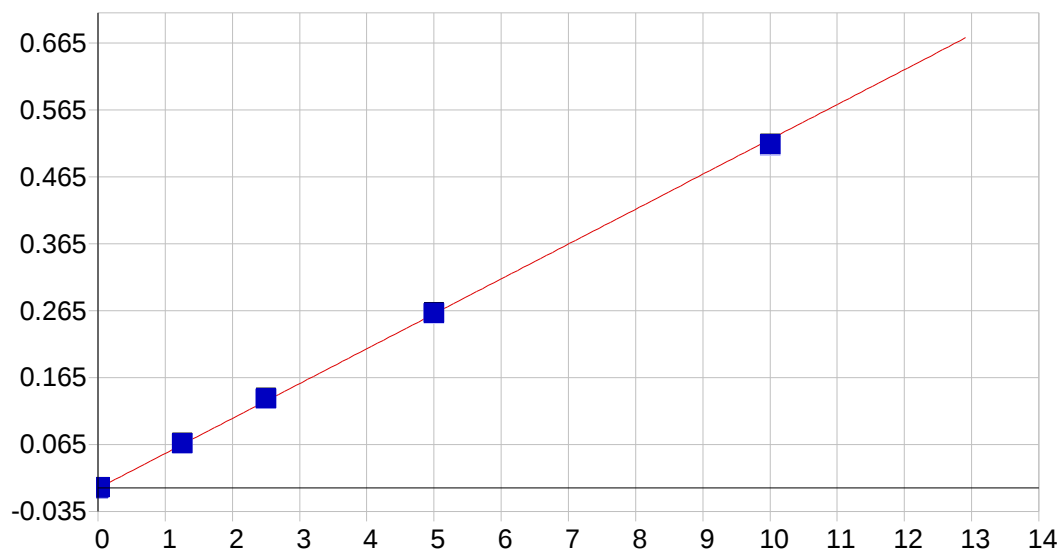


As 189.042 {479}

Date of Fit: 9/13/2018 17:17:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000201 Re-Slope: 1.000000
 A1 (Gain): 0.035046 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999413 Status: OK.
 Std Error of Est: 0.000020
 Predicted MDL: 0.003801
 Predicted MQL: 0.012671

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00020	.000	1
S1	.01000	.00749	-.003	-25.1	.00006	.000	1
S2	1.2500	1.1719	-.078	-6.25	.04104	.000	1
S3	2.5000	2.3978	-.102	-4.09	.08417	.000	1
S4	5.0000	4.8757	-.124	-2.49	.17135	.000	1
S5	10.000	10.307	.307	3.07	.36237	.000	1

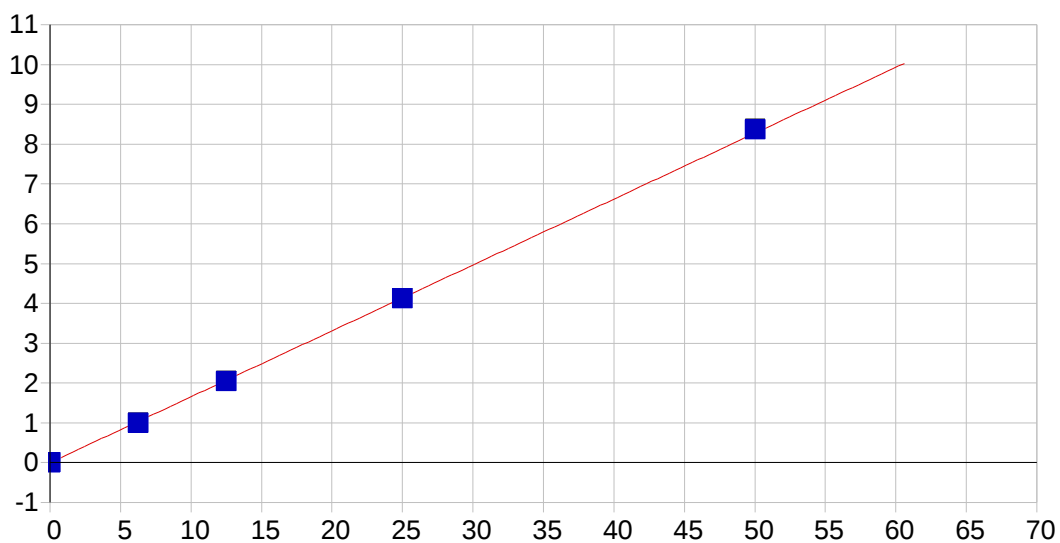


TI 190.856 {477}

Date of Fit: 9/13/2018 17:17:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000294 Re-Slope: 1.000000
 A1 (Gain): 0.052121 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999856 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.002383
 Predicted MQL: 0.007943

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00029	.000	1
S1	.02500	.02563	.001	2.52	.00102	.000	1
S2	1.2500	1.2883	.038	3.06	.06646	.000	1
S3	2.5000	2.5706	.071	2.82	.13290	.001	1
S4	5.0000	5.0310	.031	.620	.26035	.001	1
S5	10.000	9.8595	-.140	-1.40	.51044	.000	1

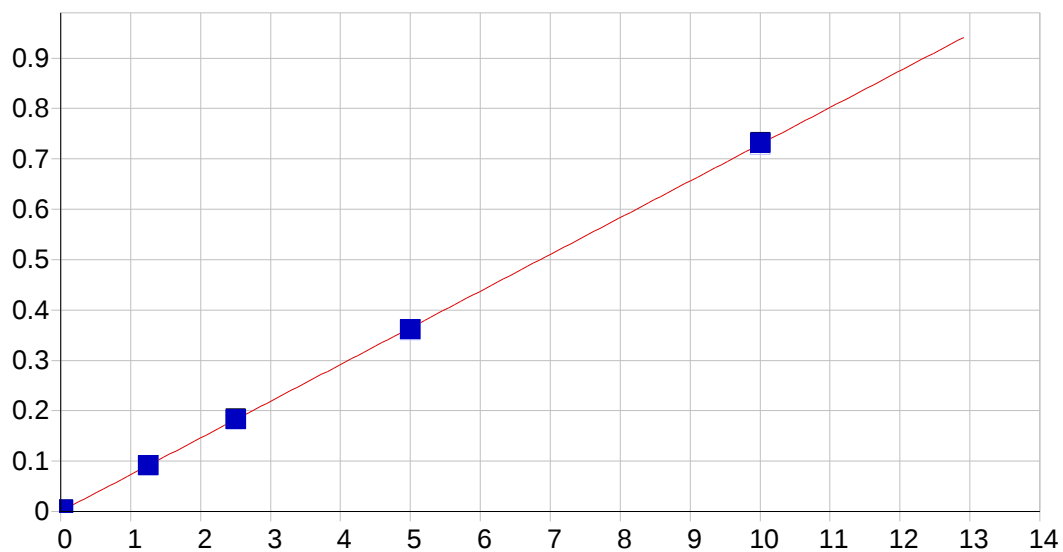


Pb 220.353 {453}

Date of Fit: 9/13/2018 17:17:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000169 Re-Slope: 1.000000
 A1 (Gain): 0.165498 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999899 Status: OK.
 Std Error of Est: 0.000088
 Predicted MDL: 0.001748
 Predicted MQL: 0.005825

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00017	.000	1
S1	.01000	.00954	.000	-4.64	.00142	.000	1
S2	6.2500	5.9928	-.257	-4.12	.99306	.001	1
S3	12.500	12.333	-.167	-1.33	2.0438	.001	1
S4	25.000	24.890	-.110	-.440	4.1248	.004	1
S5	50.000	50.535	.535	1.07	8.3747	.007	1

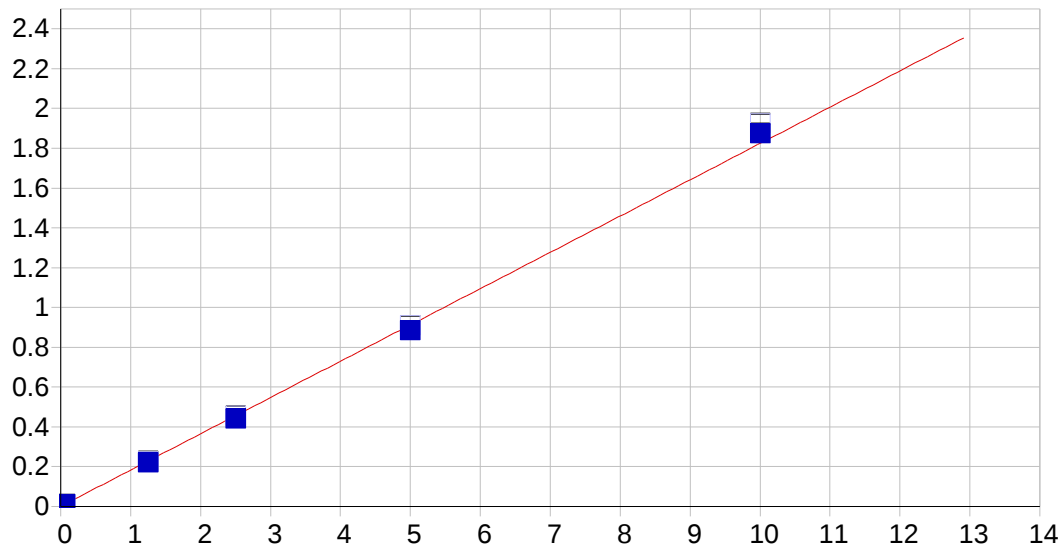


Se 196.090 {472}

Date of Fit: 9/13/2018 17:17:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000301 Re-Slope: 1.000000
 A1 (Gain): 0.072873 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.002946
 Predicted MQL: 0.009820

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00030	.000	1
S1	.03500	.03483	.000	-.473	.00284	.000	1
S2	1.2500	1.2541	.004	.324	.09126	.000	1
S3	2.5000	2.5114	.011	.456	.18246	.001	1
S4	5.0000	4.9530	-.047	-.940	.35953	.000	1
S5	10.000	10.032	.032	.317	.72793	.002	1

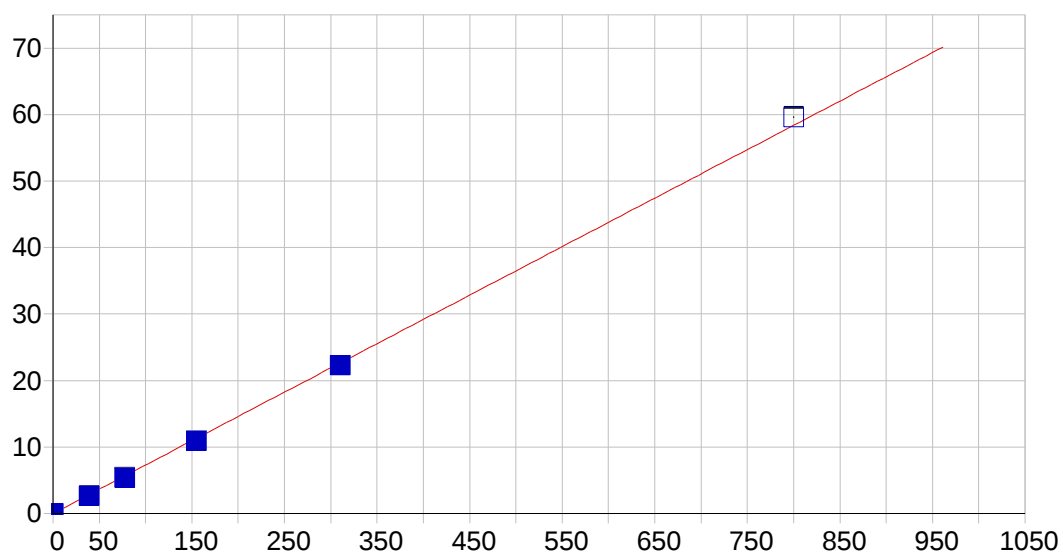


Sb 206.833 {463}

Date of Fit: 9/13/2018 17:17:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000716 Re-Slope: 1.000000
 A1 (Gain): 0.182323 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999582 Status: OK.
 Std Error of Est: 0.000223
 Predicted MDL: 0.001516
 Predicted MQL: 0.005053

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00072	.000	1
S1	.06000	.06283	.003	4.72	.01217	.000	1
S2	1.2500	1.2071	-.043	-3.43	.22701	.001	1
S3	2.5000	2.4192	-.081	-3.23	.45420	.000	1
S4	5.0000	4.8454	-.155	-3.09	.90897	.001	1
S5	10.000	10.276	.276	2.76	1.9238	.003	1

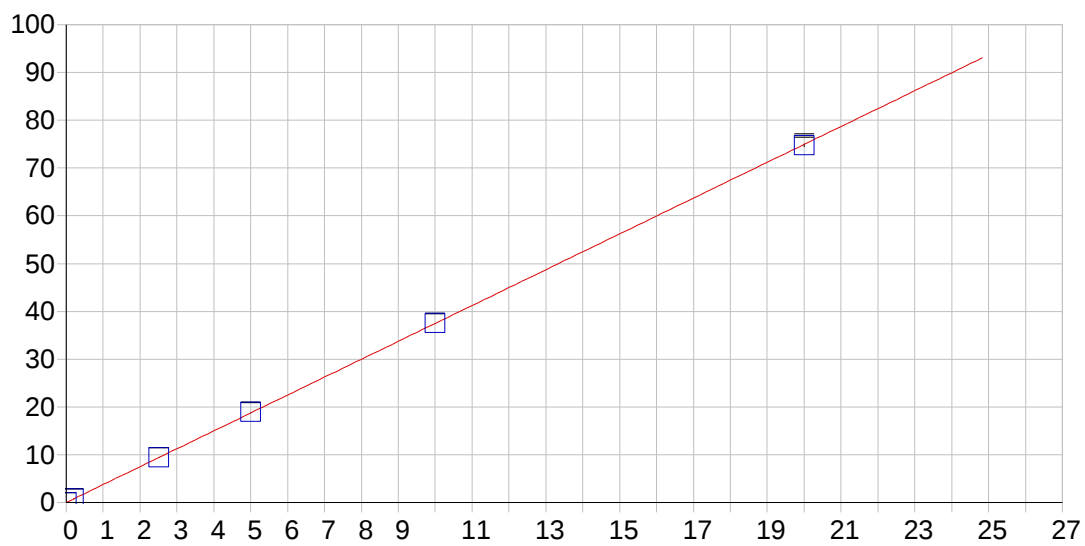


AI 396.152 { 85}

Date of Fit: 9/13/2018 17:17:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003622 Re-Slope: 1.000000
 A1 (Gain): 0.072968 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999657 Status: OK.
 Std Error of Est: 0.001188
 Predicted MDL: 0.015734
 Predicted MQL: 0.052446

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00362	.001	1
S1	.20000	.19272	-.007	-3.64	.01771	.001	1
S2	38.750	36.422	-2.33	-6.01	2.6639	.003	1
S3	77.500	73.659	-3.84	-4.96	5.3837	.027	1
S4	155.00	149.65	-5.35	-3.45	10.934	.056	1
S5	310.00	304.86	-5.14	-1.66	22.270	.028	1
S6	800.00	816.68	16.7	2.09	59.595	.136	1

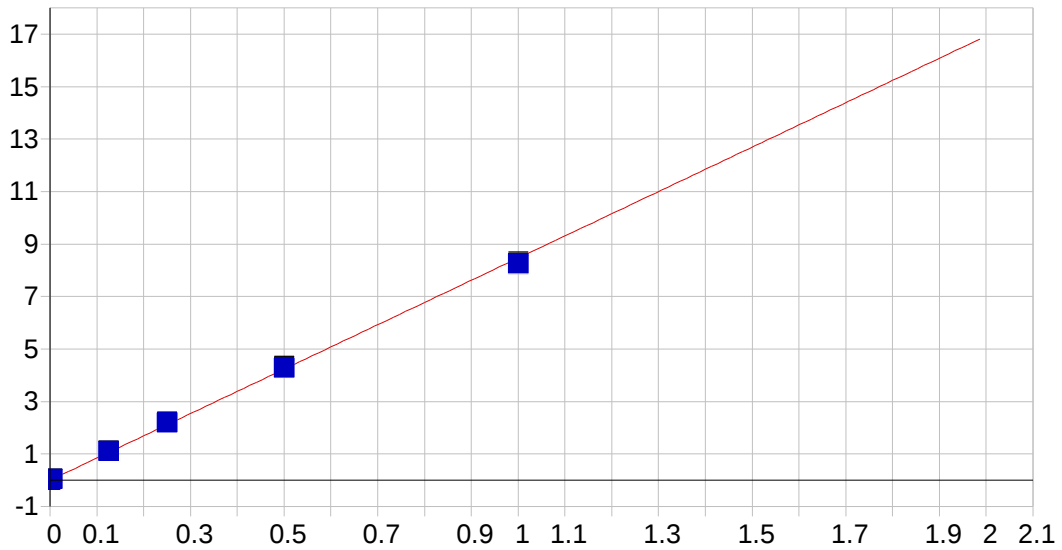


Ba 493.409 { 68}

Date of Fit: 9/13/2018 17:17:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006559 Re-Slope: 1.000000
 A1 (Gain): 3.746949 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986 Status: OK.
 Std Error of Est: 0.002138
 Predicted MDL: 0.000778
 Predicted MQL: 0.002594

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00652	.001	1
S1	.20000	.20970	.010	4.85	.79228	.005	1
S2	2.5000	2.5054	.005	.215	9.3941	.015	1
S3	5.0000	5.0449	.045	.898	18.910	.044	1
S4	10.000	10.003	.003	.033	37.488	.100	1
S5	20.000	19.937	-.063	-.316	74.709	.368	1

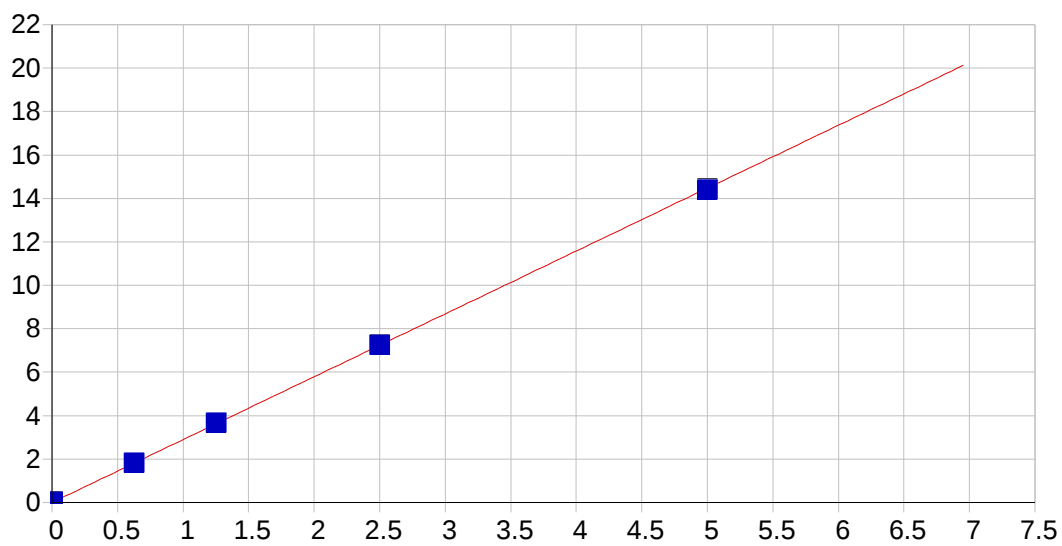


Be 234.861 {144}

Date of Fit: 9/13/2018 17:17:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001953 Re-Slope: 1.000000
 A1 (Gain): 8.464441 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999603 Status: OK.
 Std Error of Est: 0.000891
 Predicted MDL: 0.000066
 Predicted MQL: 0.000219

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00196	.001	1
S1	.00500	.00574	.001	14.8	.04659	.000	1
S2	.12500	.13110	.006	4.88	1.1031	.001	1
S3	.25000	.26023	.010	4.09	2.1915	.024	1
S4	.50000	.50669	.007	1.34	4.2684	.062	1
S5	1.0000	.97624	-.024	-2.38	8.2243	.058	1

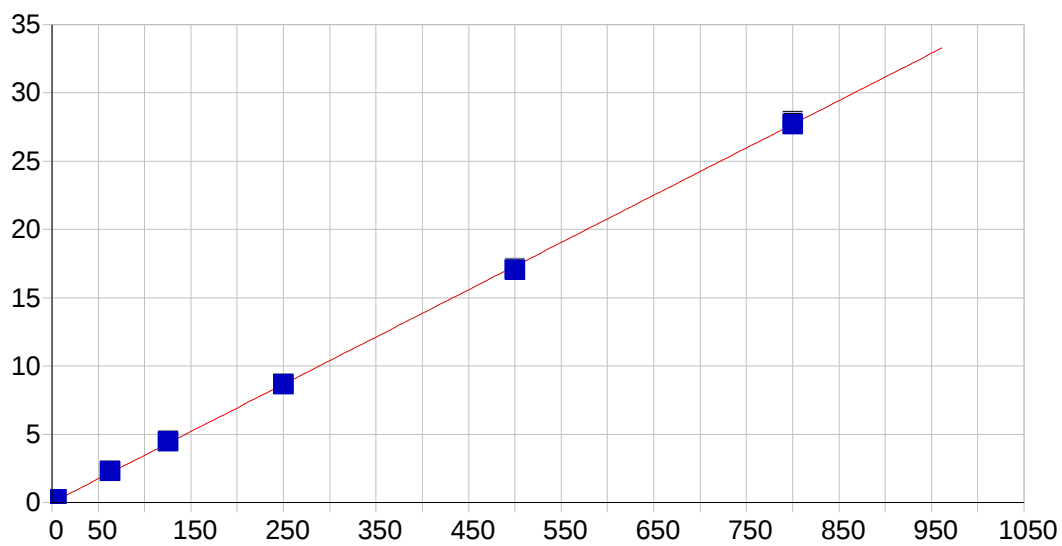


Cd 214.438 {457}

Date of Fit: 9/13/2018 17:17:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000468 Re-Slope: 1.000000
 A1 (Gain): 2.894652 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976 Status: OK.
 Std Error of Est: 0.000168
 Predicted MDL: 0.000079
 Predicted MQL: 0.000263

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00047	.000	1
S1	.00500	.00540	.000	8.08	.01612	.000	1
S2	.62500	.63144	.006	1.03	1.8320	.002	1
S3	1.2500	1.2670	.017	1.36	3.6754	.002	1
S4	2.5000	2.5004	.000	.017	7.2532	.008	1
S5	5.0000	4.9757	-.024	-.485	14.433	.013	1

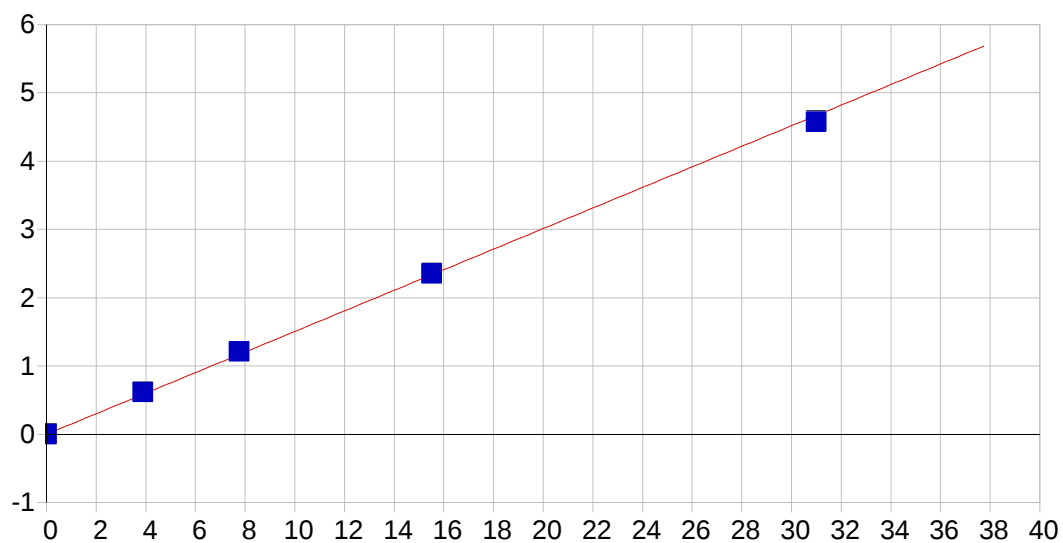


Ca 373.690 { 90}

Date of Fit: 9/13/2018 17:17:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001699 Re-Slope: 1.000000
 A1 (Gain): 0.034628 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999863 Status: OK.
 Std Error of Est: 0.002013
 Predicted MDL: 0.024120
 Predicted MQL: 0.080400

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00076	-.001	.000	.00167	.001	1
S1	5.0000	5.3934	.393	7.87	.18848	.000	1
S2	62.500	66.070	3.57	5.71	2.2973	.003	1
S3	125.00	129.07	4.07	3.25	4.4864	.004	1
S4	250.00	249.67	-.332	-.133	8.6779	.007	1
S5	500.00	492.41	-7.59	-1.52	17.114	.035	1
S6	800.00	799.89	-.110	-.014	27.864	.070	1

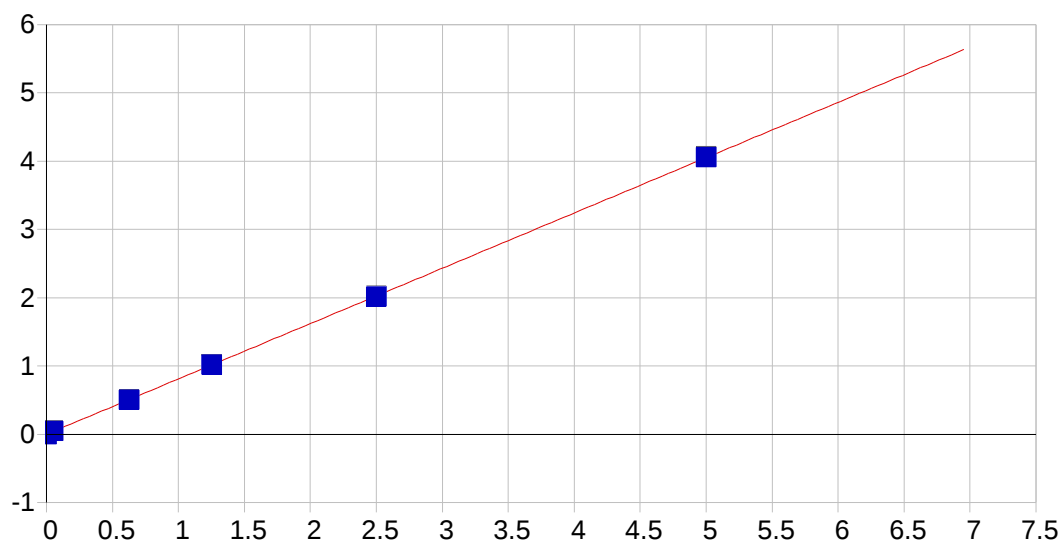


Cr 267.716 {126}

Date of Fit: 9/13/2018 17:17:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000031 Re-Slope: 1.000000
 A1 (Gain): 0.150705 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999707 Status: OK.
 Std Error of Est: 0.000108
 Predicted MDL: 0.000552
 Predicted MQL: 0.001839

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00003	.000	1
S1	.01000	.01237	.002	23.7	.00184	.000	1
S2	3.8750	4.0792	.204	5.27	.61575	.001	1
S3	7.7500	8.0323	.282	3.64	1.2125	.001	1
S4	15.500	15.615	.115	.744	2.3574	.001	1
S5	31.000	30.396	-.604	-1.95	4.5890	.007	1

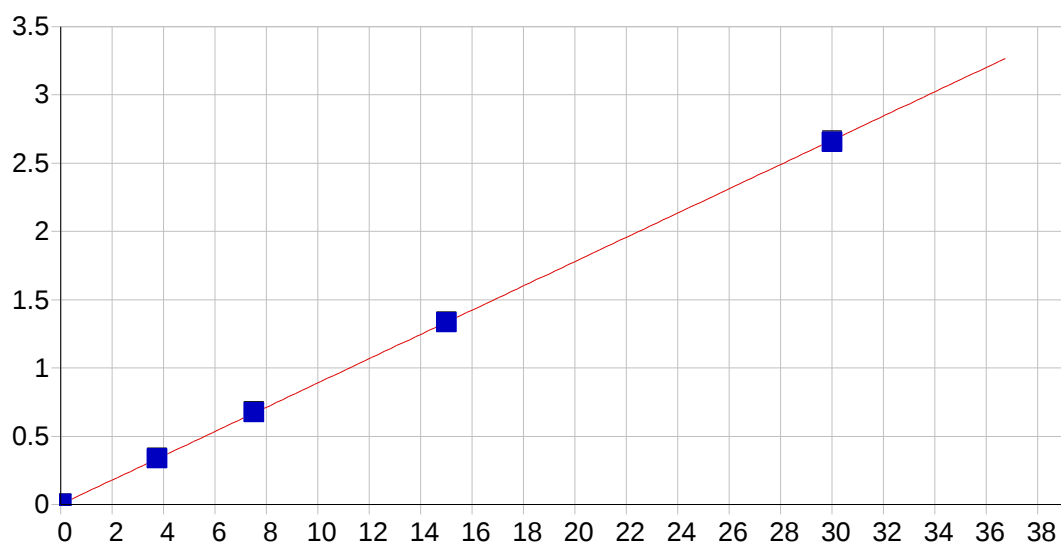


Co 228.616 {448}

Date of Fit: 9/13/2018 17:17:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000031 Re-Slope: 1.000000
 A1 (Gain): 0.810349 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999994 Status: OK.
 Std Error of Est: 0.000075
 Predicted MDL: 0.000275
 Predicted MQL: 0.000916

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.05000	.05096	.001	1.93	.04148	.000	1
S2	.62500	.62268	-.002	-.371	.50563	.001	1
S3	1.2500	1.2542	.004	.339	1.0184	.001	1
S4	2.5000	2.4882	-.012	-.474	2.0203	.002	1
S5	5.0000	5.0090	.009	.179	4.0671	.002	1

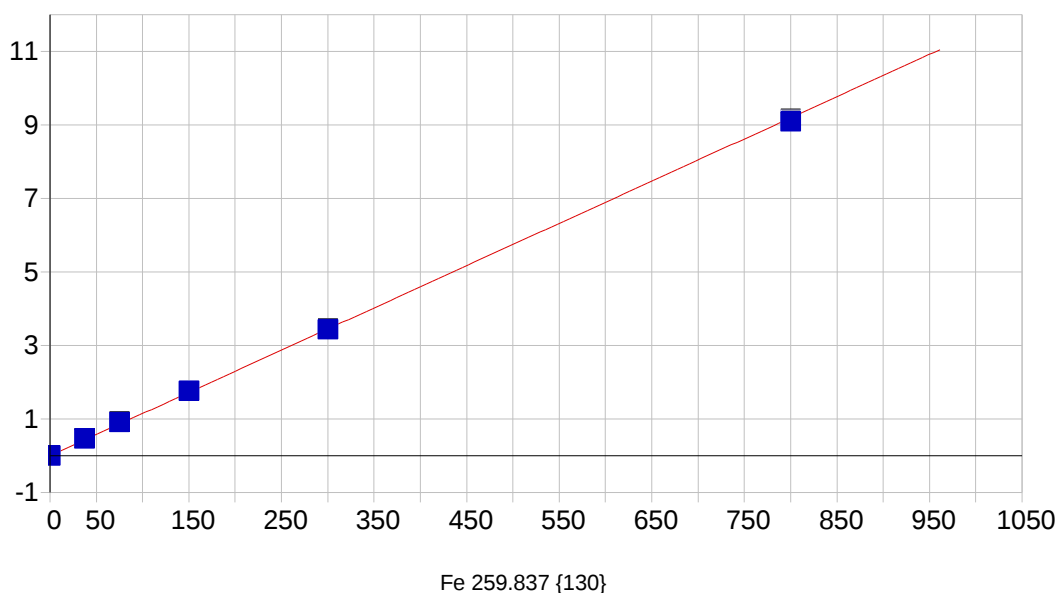


Cu 324.754 {104}

Date of Fit: 9/13/2018 17:17:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001523 Re-Slope: 1.000000
 A1 (Gain): 0.088881 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.005711
 Predicted MQL: 0.019038

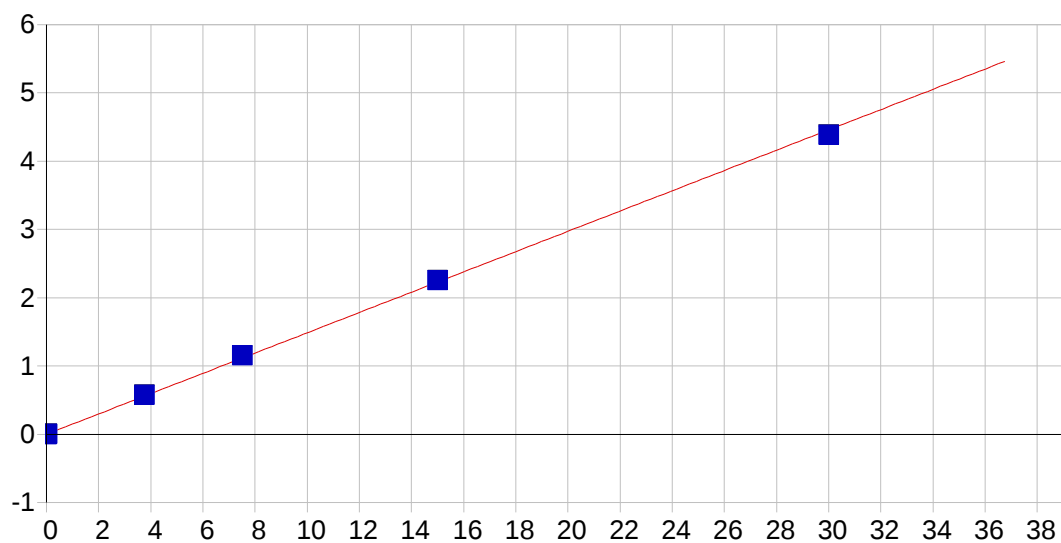
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00152	.000	1
S1	.02500	.02436	-.001	-2.57	.00368	.000	1
S2	3.7500	3.7921	.042	1.12	.33836	.001	1
S3	7.5000	7.5994	.099	1.32	.67654	.003	1
S4	15.000	14.991	-.009	-.058	1.3331	.002	1
S5	30.000	29.868	-.132	-.440	2.6545	.006	1



Date of Fit: 9/13/2018 17:17:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000160 Re-Slope: 1.000000
 A1 (Gain): 0.011493 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999764 Status: OK.
 Std Error of Est: 0.000110
 Predicted MDL: 0.023338
 Predicted MQL: 0.077793

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00016	.000	1
S1	.10000	.12022	.020	20.2	.00157	.000	1
S2	37.500	40.373	2.87	7.66	.46648	.001	1
S3	75.000	79.343	4.34	5.79	.91668	.003	1
S4	150.00	153.26	3.26	2.17	1.7709	.004	1
S5	300.00	298.04	-1.96	-.653	3.4441	.016	1
S6	800.00	791.45	-8.55	-1.07	9.1383	.033	1

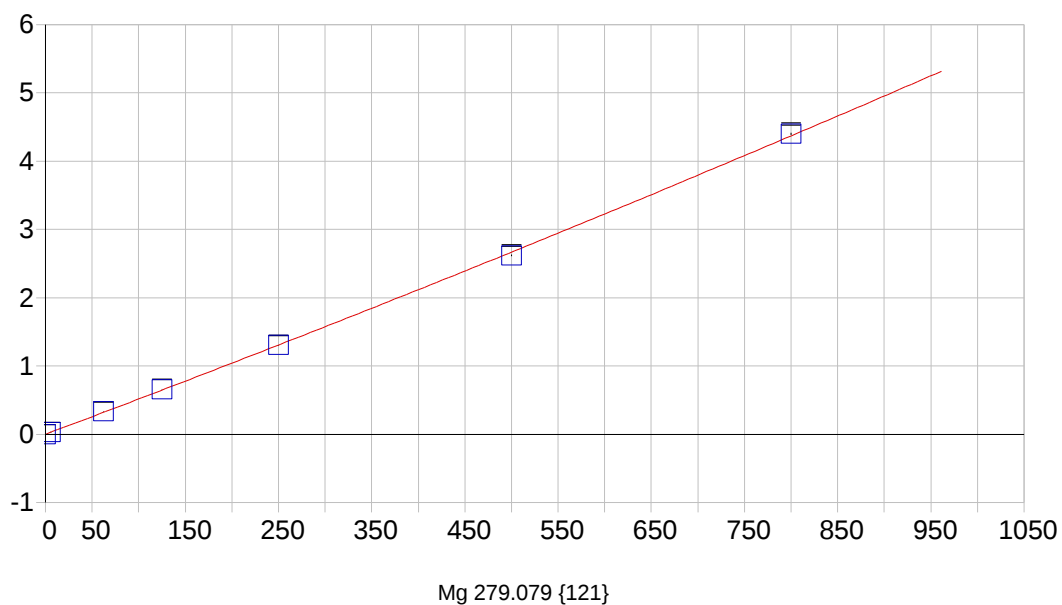


Mn 257.610 {131}

Date of Fit: 9/13/2018 17:17:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000076 Re-Slope: 1.000000
 A1 (Gain): 0.148637 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999798 Status: OK.
 Std Error of Est: 0.000106
 Predicted MDL: 0.001594
 Predicted MQL: 0.005314

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00008	.000	1
S1	.01500	.01774	.003	18.3	.00256	.000	1
S2	3.7500	3.8601	.110	2.94	.57380	.001	1
S3	7.5000	7.7489	.249	3.32	1.1519	.004	1
S4	15.000	15.160	.160	1.07	2.2538	.002	1
S5	30.000	29.478	-.522	-1.74	4.3825	.014	1



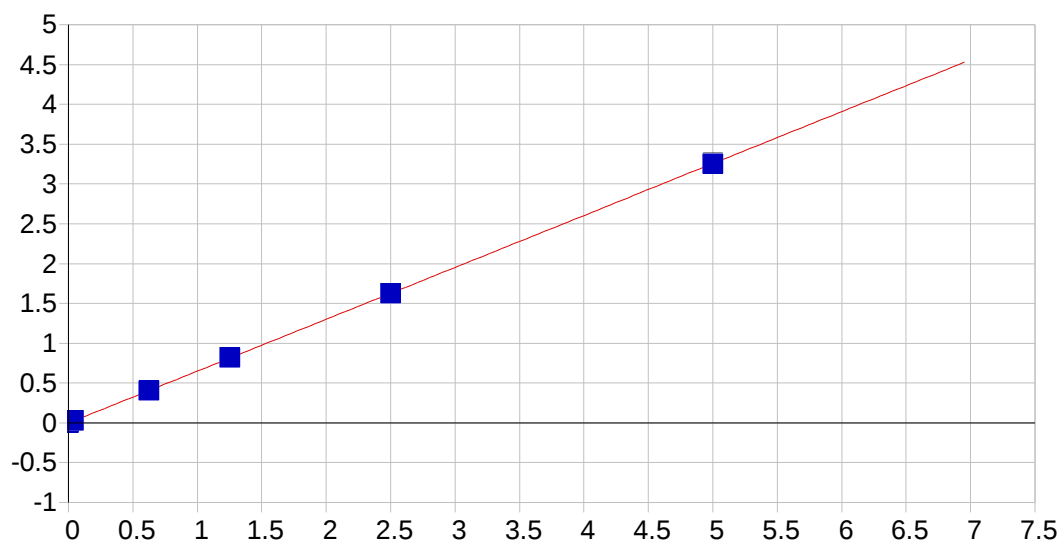
Date of Fit: 9/13/2018 17:17:54 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000275
 A1 (Gain): 0.005129
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999909
 Std Error of Est: 0.000282
 Predicted MDL: 0.064828
 Predicted MQL: 0.216093

Re-Slope: 1.000000
 Y-int: 0.000000

Status: Warning Positive Curvature

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00055	-.001	.000	-.00028	.000	1
S1	5.0000	5.3776	.378	7.55	.02732	.000	1
S2	62.500	64.340	1.84	2.94	.33145	.002	1
S3	125.00	127.33	2.33	1.87	.65957	.003	1
S4	250.00	249.19	-.815	-.326	1.3037	.003	1
S5	500.00	491.33	-8.67	-1.73	2.6204	.009	1
S6	800.00	804.96	4.96	.620	4.3986	.015	1

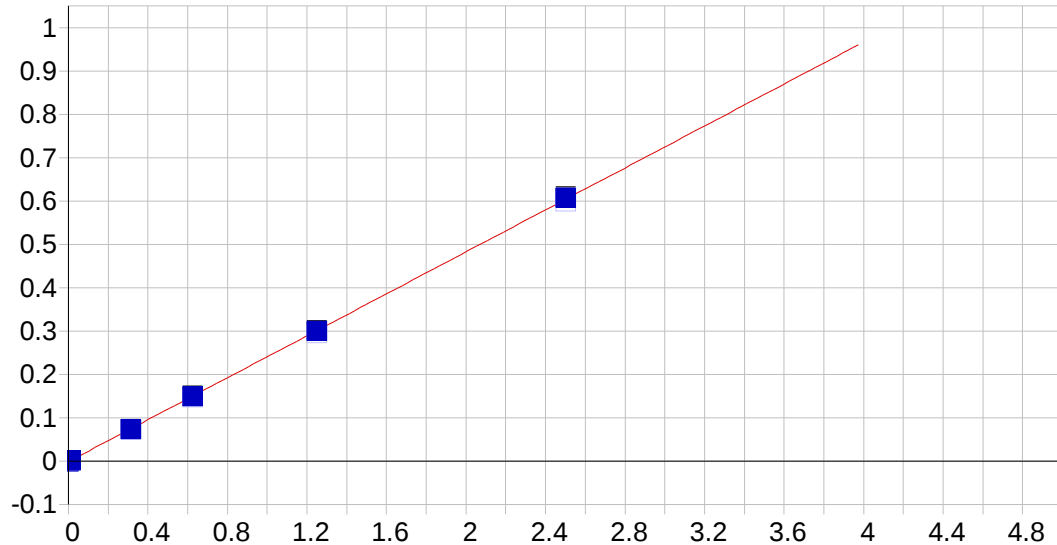


Ni 231.604 {446}

Date of Fit: 9/13/2018 17:17:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001806 Re-Slope: 1.000000
 A1 (Gain): 0.651511 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999990 Status: OK.
 Std Error of Est: 0.000071
 Predicted MDL: 0.000395
 Predicted MQL: 0.001318

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00181	.000	1
S1	.04000	.04188	.002	4.71	.02550	.000	1
S2	.62500	.62680	.002	.288	.40740	.001	1
S3	1.2500	1.2595	.009	.759	.82044	.001	1
S4	2.5000	2.4923	-.008	-.307	1.6253	.001	1
S5	5.0000	4.9945	-.005	-.110	3.2588	.003	1

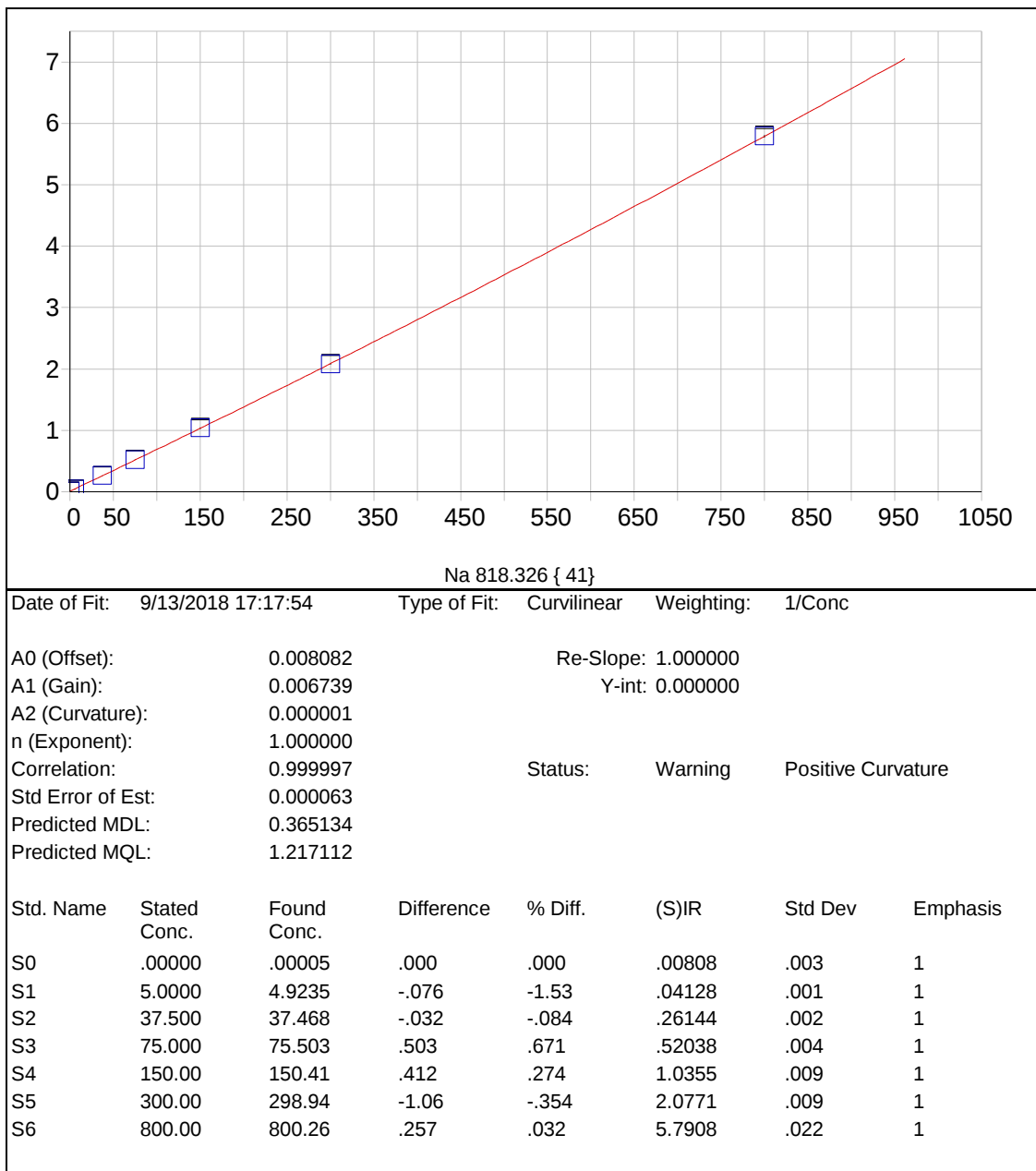


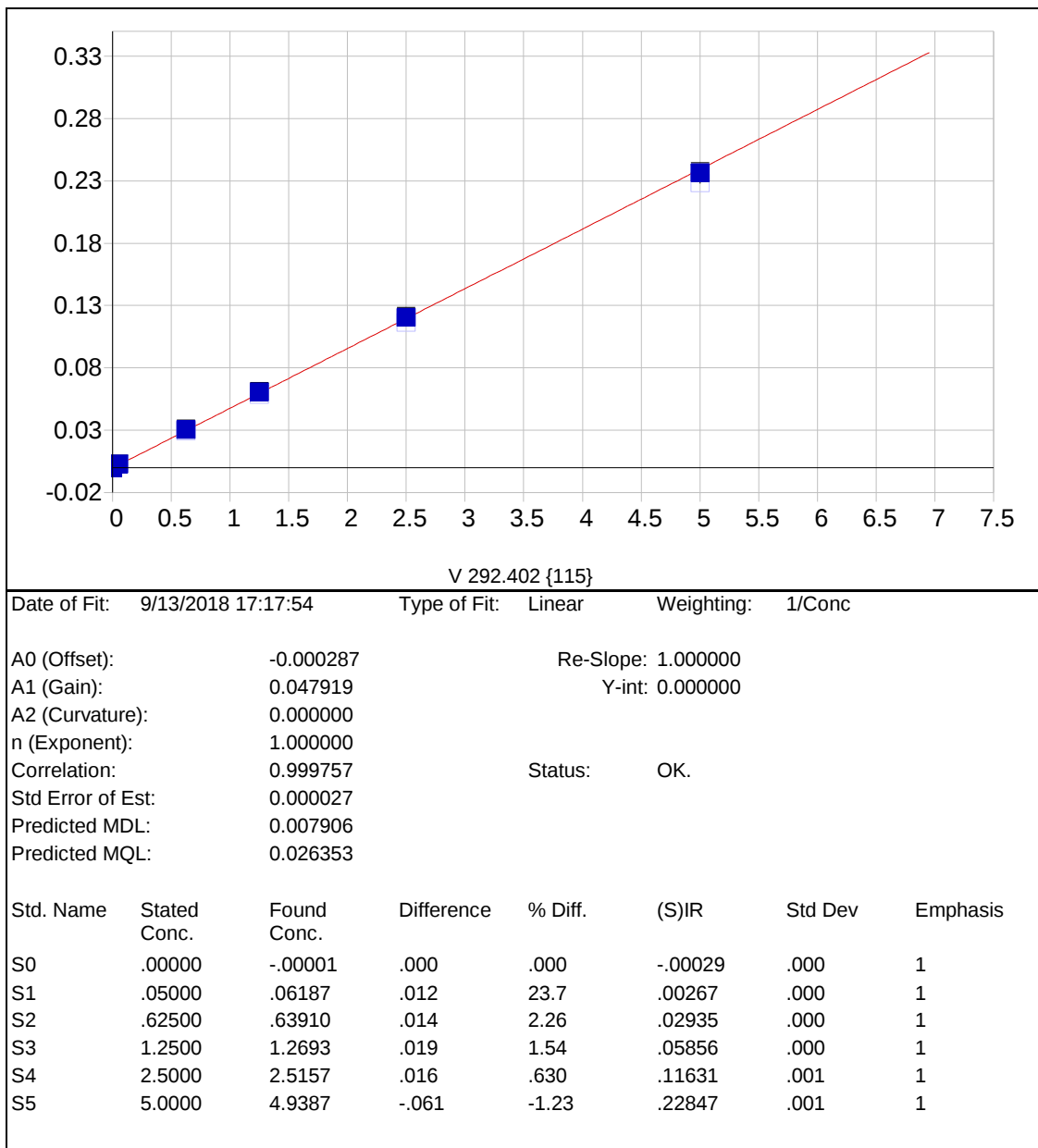
Ag 328.068 {103}

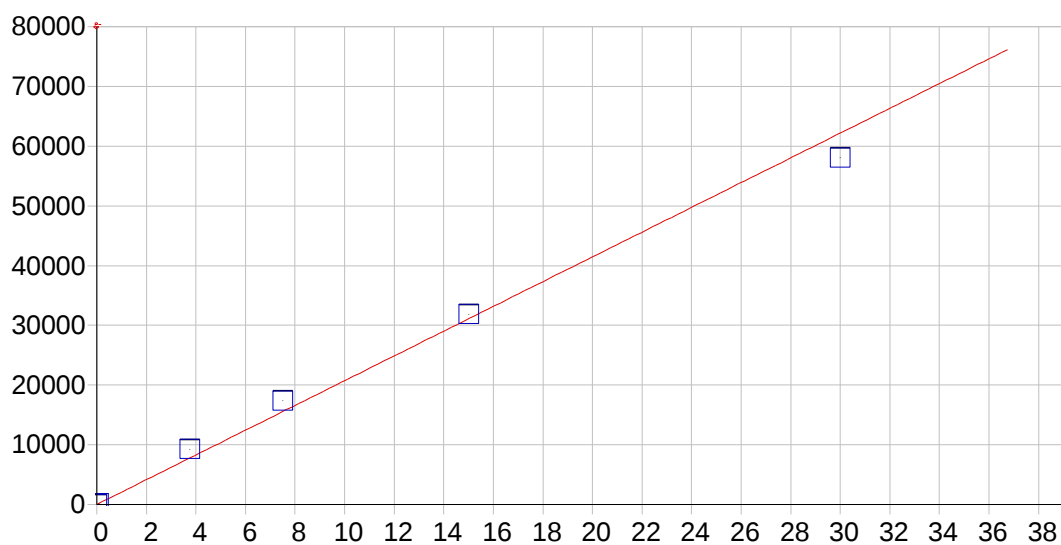
Date of Fit: 9/13/2018 17:17:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001190 Re-Slope: 1.000000
 A1 (Gain): 0.241900 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999972 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.000528
 Predicted MQL: 0.001759

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00119	.000	1
S1	.01000	.01044	.000	4.41	.00132	.000	1
S2	.31250	.30715	-.005	-1.71	.07196	.000	1
S3	.62500	.62192	-.003	-.493	.14695	.001	1
S4	1.2500	1.2430	-.007	-.557	.29490	.002	1
S5	2.5000	2.5150	.015	.598	.59797	.003	1





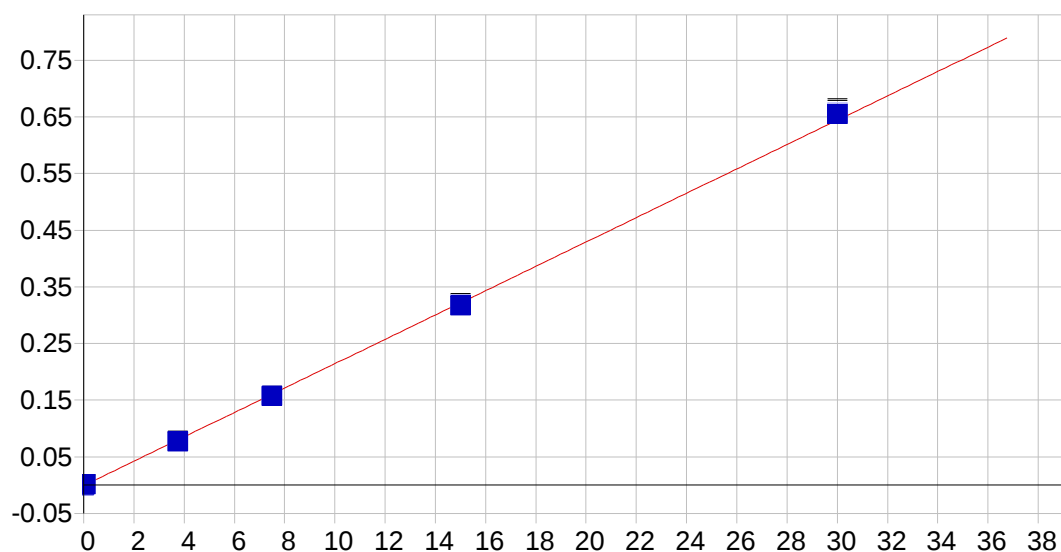


Zn 206.200 {464}

Date of Fit: 9/13/2018 17:17:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 3.742604 Re-Slope: 1.000000
 A1 (Gain): 2072.707233 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.996628 Status: OK.
 Std Error of Est: 12.142648
 Predicted MDL: 0.000300
 Predicted MQL: 0.001000

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	3.6686	.443	1
S1	.06000	.07983	.020	33.1	169.21	.505	1
S2	3.7500	4.4531	.703	18.8	9233.8	4.71	1
S3	7.5000	8.3854	.885	11.8	17384.	31.4	1
S4	15.000	15.365	.365	2.44	31852.	65.3	1
S5	30.000	28.026	-1.97	-6.58	58094.	25.3	1

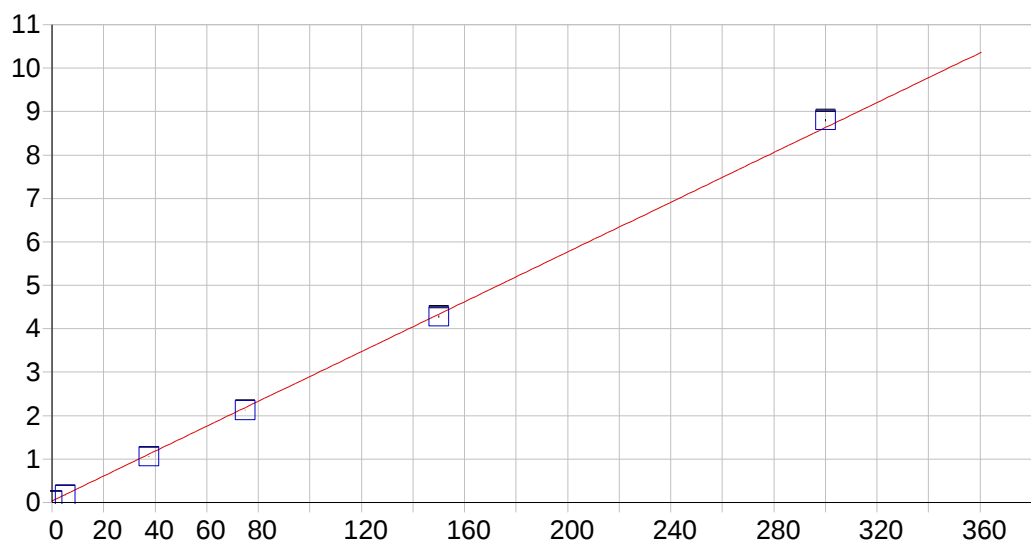


Zn 213.856 {158}

Date of Fit: 9/13/2018 17:17:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000599 Re-Slope: 1.000000
 A1 (Gain): 0.021488 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999816 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.017147
 Predicted MQL: 0.057157

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00060	.000	1
S1	.06000	.06782	.008	13.0	.00086	.000	1
S2	3.7500	3.6090	-.141	-3.76	.07733	.001	1
S3	7.5000	7.3445	-.155	-2.07	.15798	.000	1
S4	15.000	14.788	-.212	-1.42	.31867	.003	1
S5	30.000	30.501	.501	1.67	.65783	.007	1

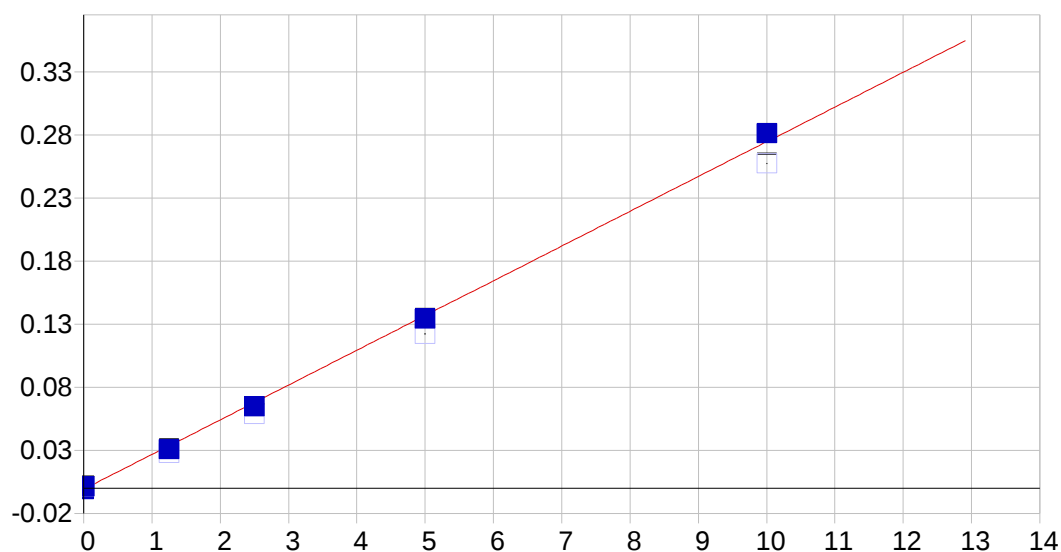


K 769.896 { 44}

Date of Fit: 9/13/2018 17:17:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.035689 Re-Slope: 1.000000
 A1 (Gain): 0.028656 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999728 Status: OK.
 Std Error of Est: 0.001377
 Predicted MDL: 0.074602
 Predicted MQL: 0.248672

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00066	.001	.000	.03571	.002	1
S1	5.0000	4.6838	-.316	-6.32	.16991	.001	1
S2	37.500	35.674	-1.83	-4.87	1.0579	.004	1
S3	75.000	72.971	-2.03	-2.71	2.1267	.007	1
S4	150.00	148.14	-1.86	-1.24	4.2807	.020	1
S5	300.00	306.03	6.03	2.01	8.8053	.023	1

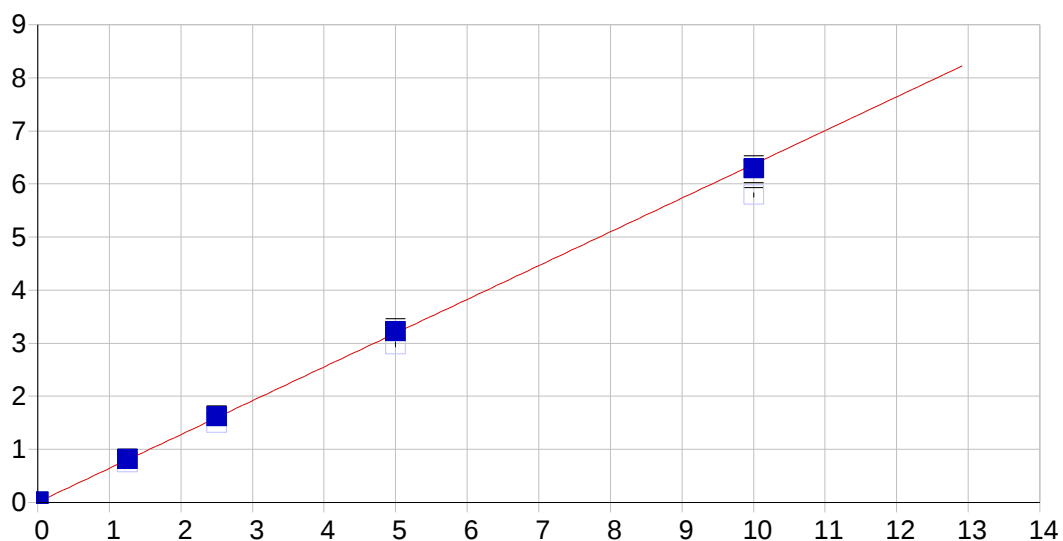


P 177.495 {490}

Date of Fit: 9/13/2018 17:17:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000821 Re-Slope: 1.000000
 A1 (Gain): 0.027528 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.982225 Status: OK.
 Std Error of Est: 0.000081
 Predicted MDL: 0.003290
 Predicted MQL: 0.010967

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00007	.000	.000	-.00082	.000	1
S1	.01000	.08424	.074	742.	.00148	.000	1
S2	1.2500	1.1538	-.096	-7.70	.02797	.000	1
S3	2.5000	2.3822	-.118	-4.71	.05882	.000	1
S4	5.0000	4.9032	-.097	-1.94	.12228	.001	1
S5	10.000	10.235	.235	2.35	.25718	.000	1

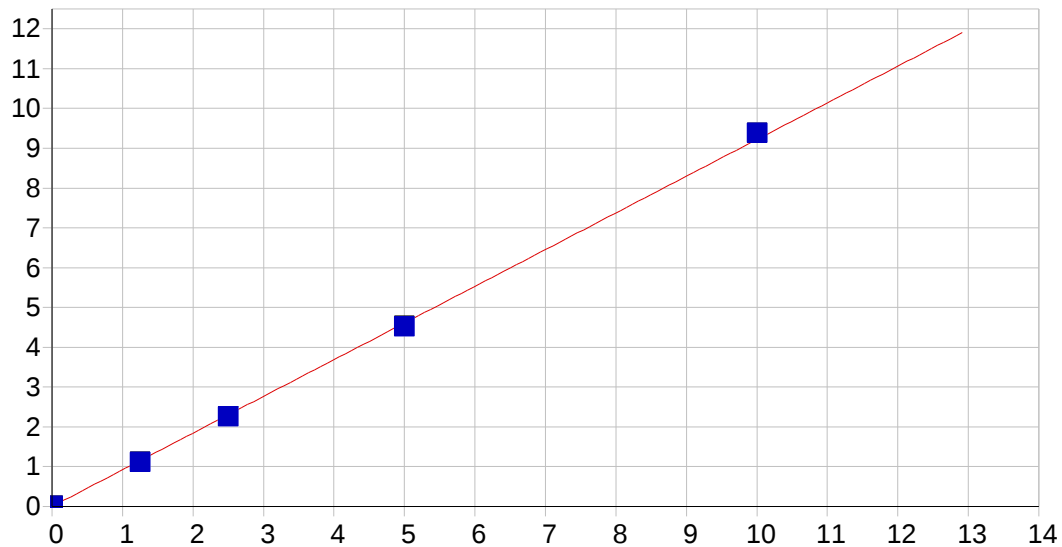


B 249.678 {135}

Date of Fit: 9/13/2018 17:17:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008048 Re-Slope: 1.000000
 A1 (Gain): 0.636099 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999848 Status: OK.
 Std Error of Est: 0.000171
 Predicted MDL: 0.001047
 Predicted MQL: 0.003490

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00805	.000	1
S1	.01000	.00561	-.004	-43.9	.01149	.001	1
S2	1.2500	1.2659	.016	1.28	.75034	.002	1
S3	2.5000	2.5407	.041	1.63	1.4982	.012	1
S4	5.0000	5.0614	.061	1.23	2.9757	.047	1
S5	10.000	9.8866	-.113	-1.13	5.7931	.049	1

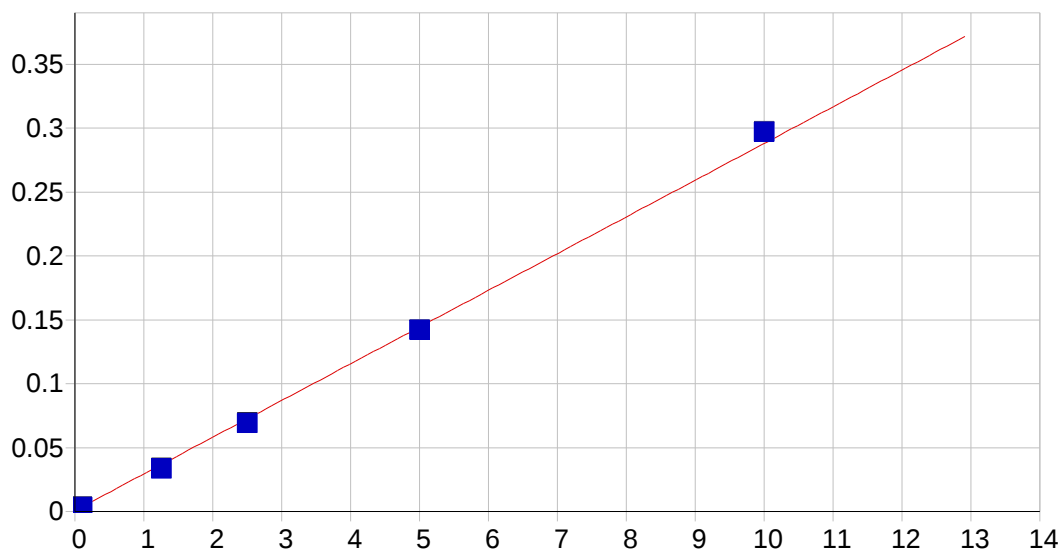


Mo 202.030 {467}

Date of Fit: 9/13/2018 17:17:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000645 Re-Slope: 1.000000
 A1 (Gain): 0.921931 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999824 Status: OK.
 Std Error of Est: 0.000290
 Predicted MDL: 0.000263
 Predicted MQL: 0.000877

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00065	.000	1
S1	.01000	.01023	.000	2.30	.01007	.000	1
S2	1.2500	1.2164	-.034	-2.69	1.1220	.001	1
S3	2.5000	2.4546	-.045	-1.82	2.2635	.003	1
S4	5.0000	4.9045	-.096	-1.91	4.5220	.007	1
S5	10.000	10.174	.174	1.74	9.3802	.011	1

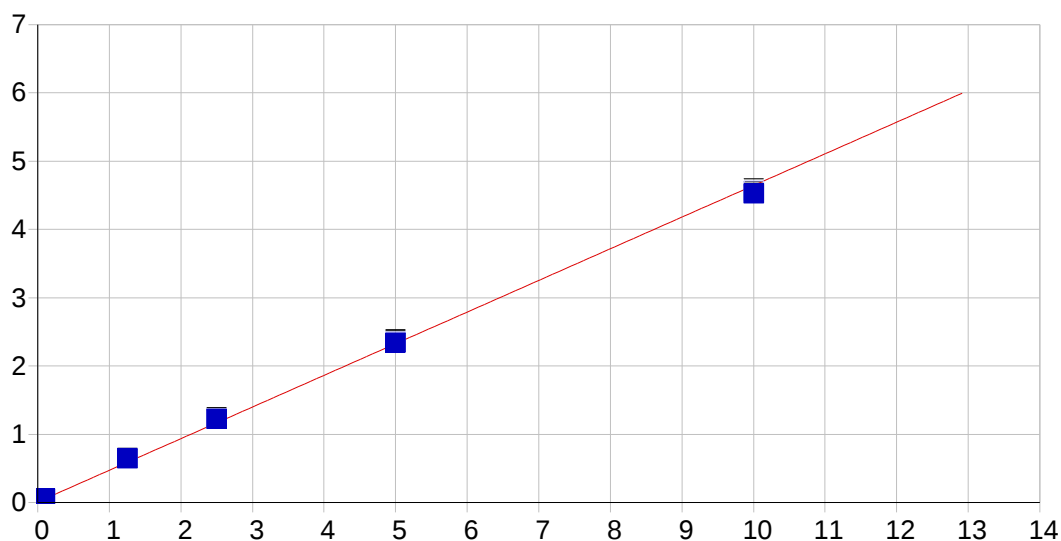


S 182.034 {485}

Date of Fit: 9/13/2018 17:17:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000687 Re-Slope: 1.000000
 A1 (Gain): 0.028733 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999286 Status: OK.
 Std Error of Est: 0.000058
 Predicted MDL: 0.004112
 Predicted MQL: 0.013706

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00069	.000	1
S1	.10000	.09282	-.007	-7.18	.00335	.000	1
S2	1.2500	1.1446	-.105	-8.43	.03359	.000	1
S3	2.5000	2.3785	-.122	-4.86	.06905	.000	1
S4	5.0000	4.9147	-.085	-1.71	.14195	.000	1
S5	10.000	10.319	.319	3.19	.29730	.000	1

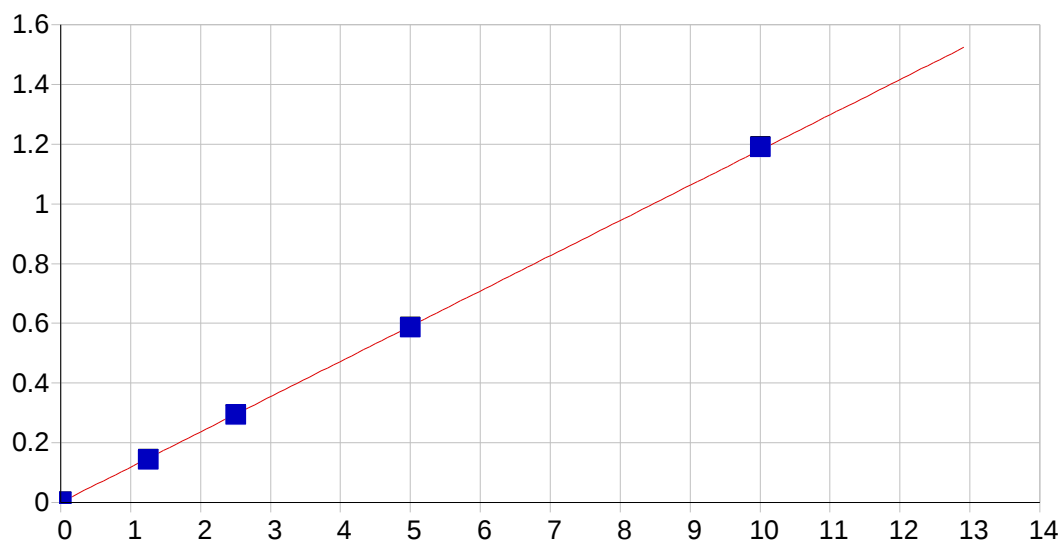


Si 251.611 {134}

Date of Fit: 9/13/2018 17:17:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006770 Re-Slope: 1.000000
 A1 (Gain): 0.463866 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999374 Status: OK.
 Std Error of Est: 0.000879
 Predicted MDL: 0.001271
 Predicted MQL: 0.004237

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00676	.001	1
S1	.10000	.10183	.002	1.83	.05417	.001	1
S2	1.2500	1.3701	.120	9.61	.64708	.001	1
S3	2.5000	2.6155	.115	4.62	1.2295	.012	1
S4	5.0000	5.0260	.026	.520	2.3572	.032	1
S5	10.000	9.7366	-.263	-2.63	4.5613	.032	1

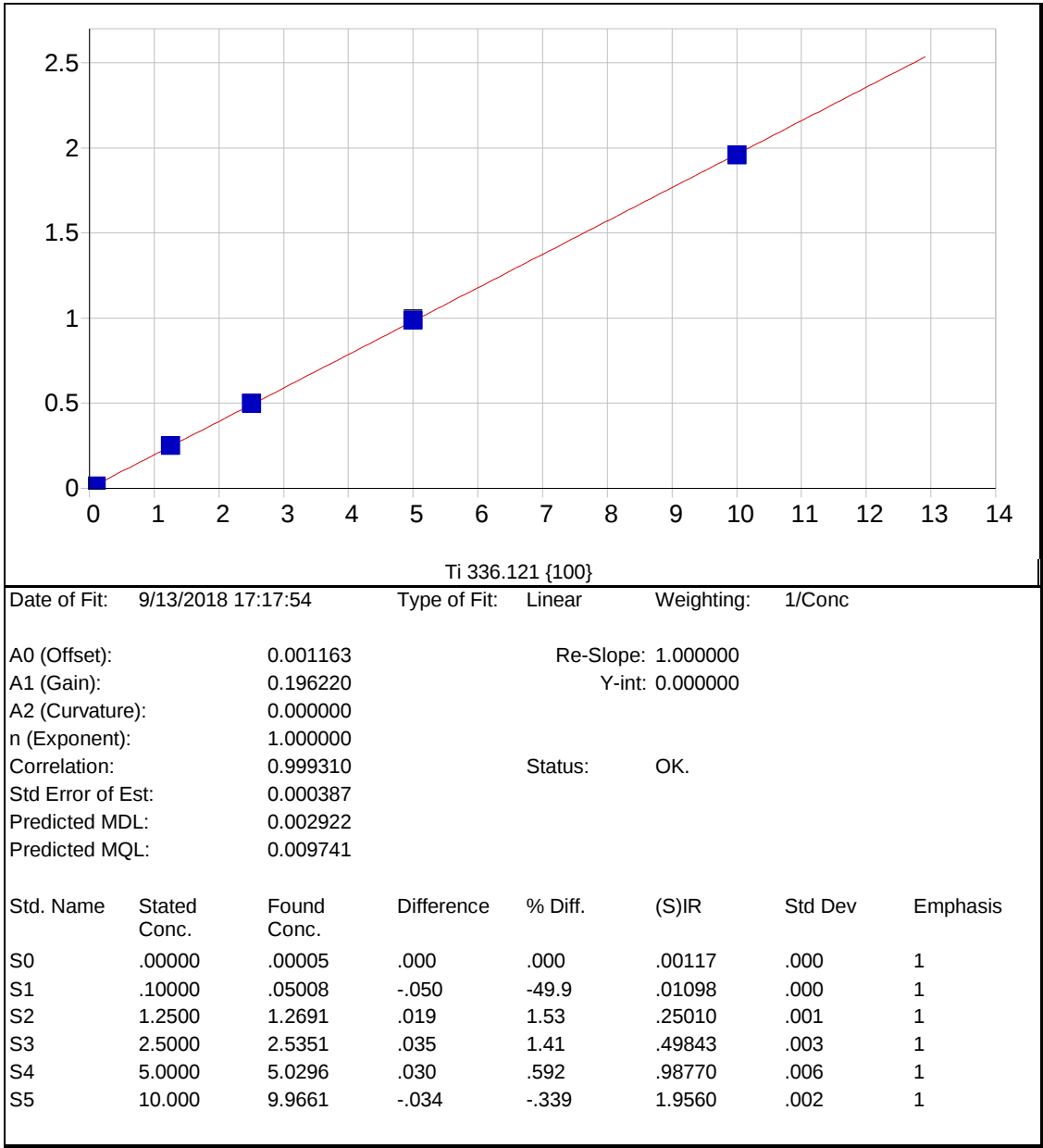


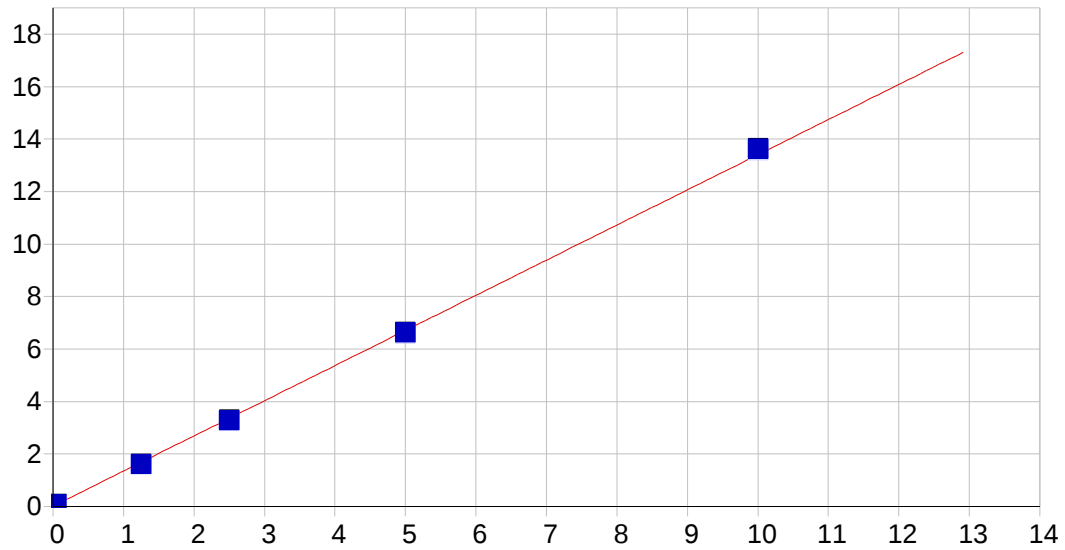
Sn 189.989 {478}

Date of Fit: 9/13/2018 17:17:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000508 Re-Slope: 1.000000
 A1 (Gain): 0.117977 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999945 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.001004
 Predicted MQL: 0.003348

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00051	.000	1
S1	.00700	.00639	-.001	-8.72	.00123	.000	1
S2	1.2500	1.2164	-.034	-2.69	.14369	.001	1
S3	2.5000	2.4801	-.020	-.797	.29245	.001	1
S4	5.0000	4.9681	-.032	-.638	.58532	.001	1
S5	10.000	10.086	.086	.860	1.1878	.002	1



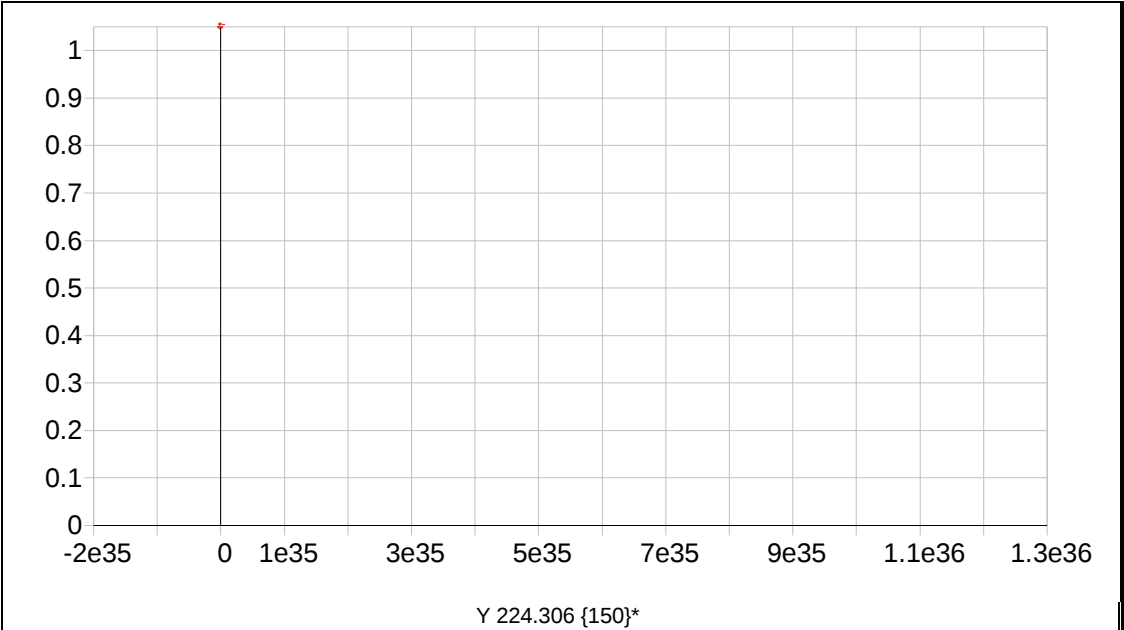


Li 670.784 { 50}

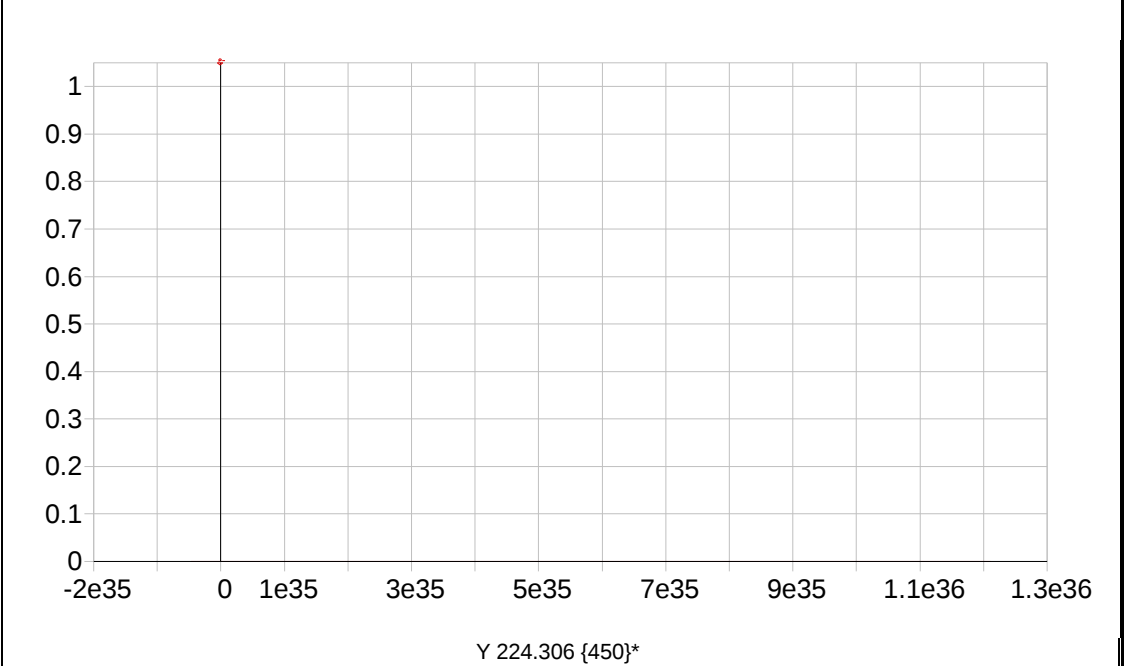
Date of Fit: 9/13/2018 17:17:54 Type of Fit: Linear Weighting: 1/Conc

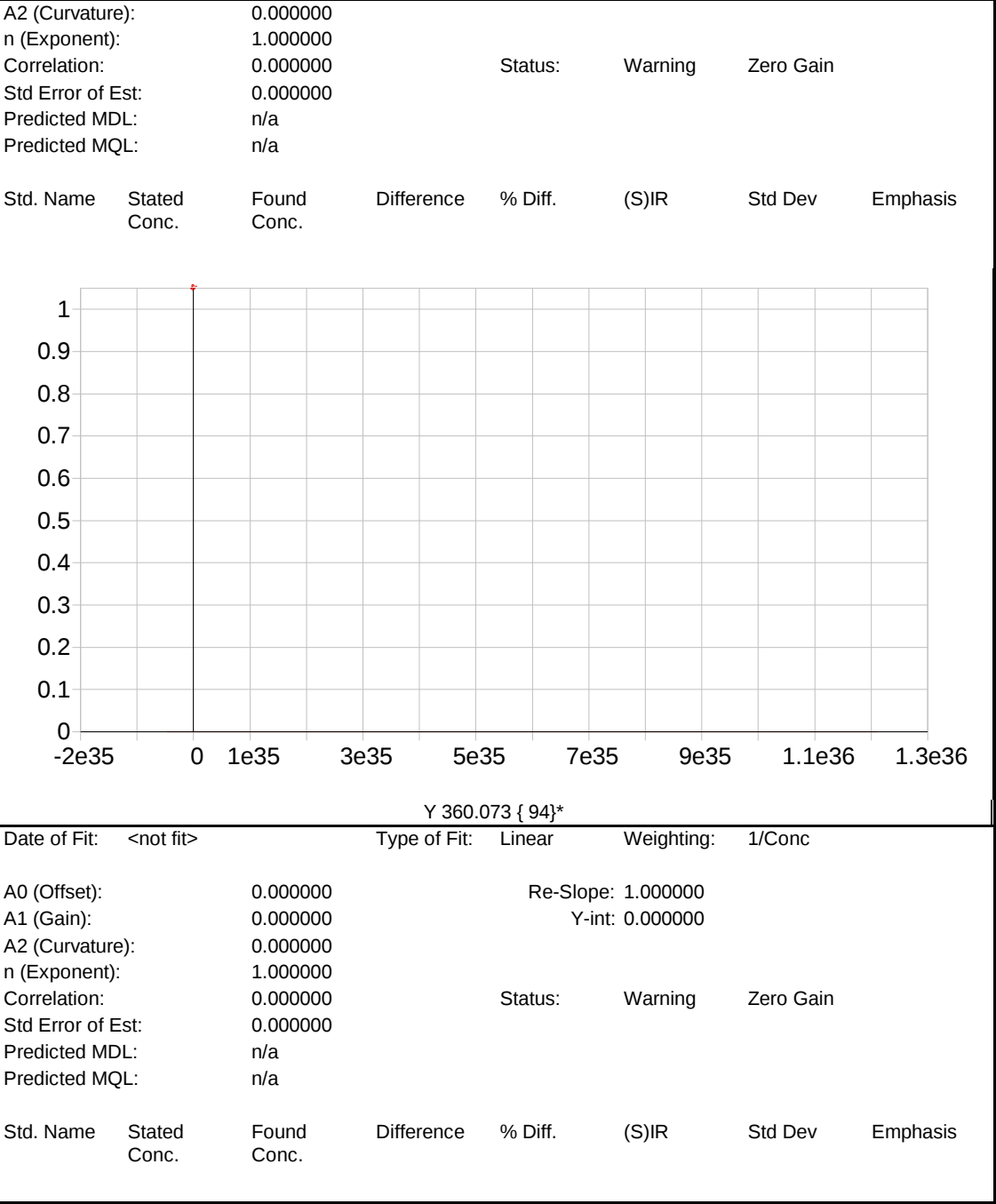
A0 (Offset): 0.012017 Re-Slope: 1.000000
 A1 (Gain): 1.339120 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999810 Status: OK.
 Std Error of Est: 0.000975
 Predicted MDL: 0.001866
 Predicted MQL: 0.006220

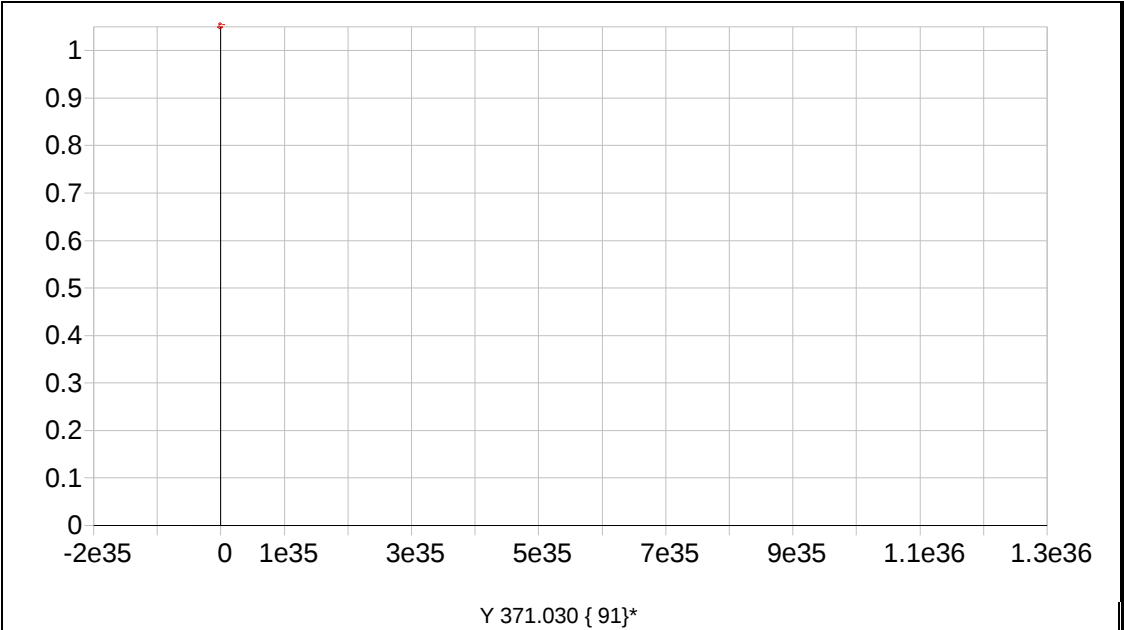
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.01202	.002	1
S5	10.000	10.170	.170	1.70	13.555	.012	1
S4	5.0000	4.9406	-.059	-1.19	6.5905	.021	1
S3	2.5000	2.4432	-.057	-2.27	3.2649	.014	1
S2	1.2500	1.1991	-.051	-4.07	1.6083	.002	1
S1	.05000	.04749	-.003	-5.02	.07548	.001	1



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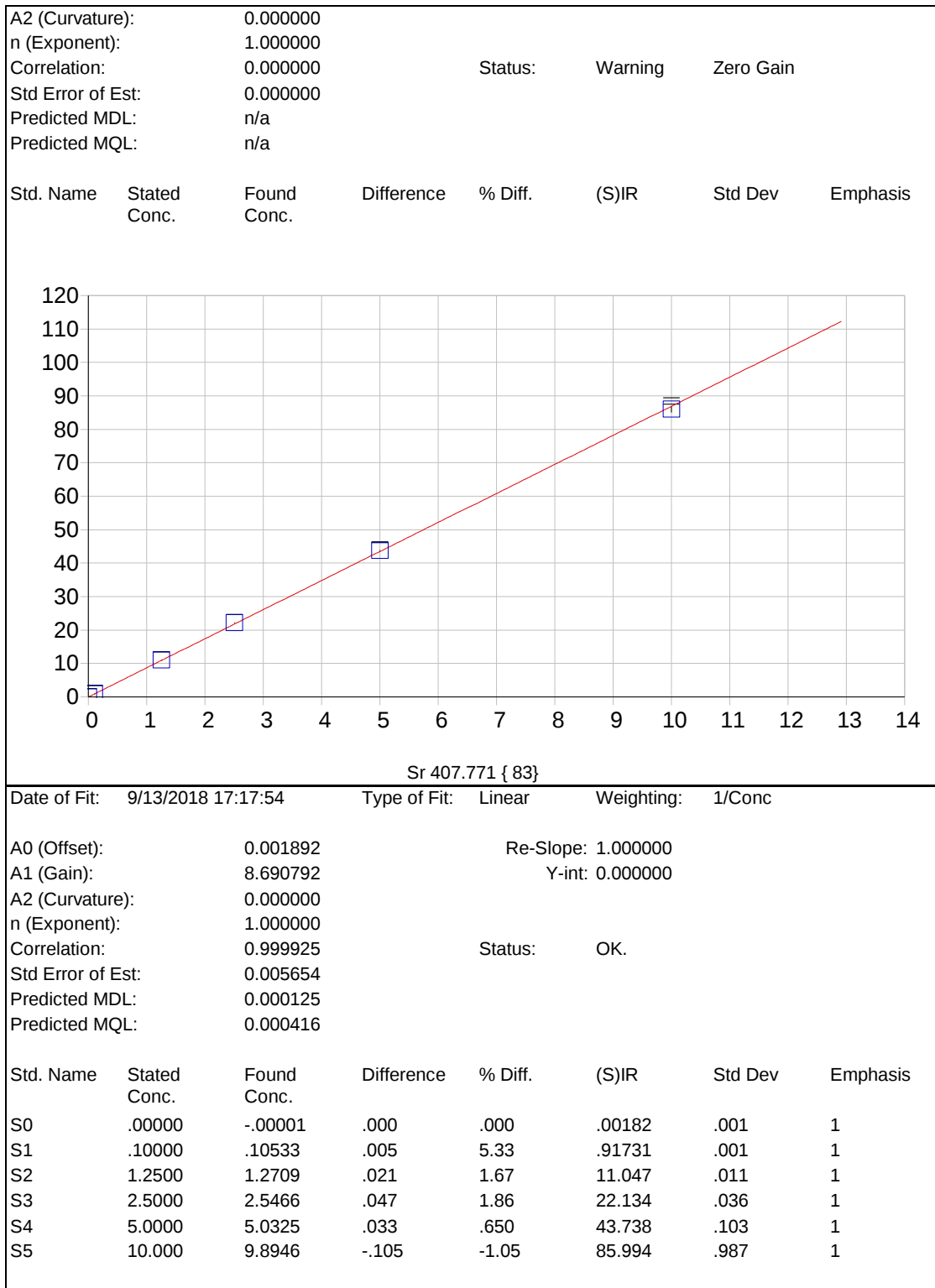






A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
							
ln 230.606 {446}* Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc							
A0 (Offset):	0.000000	Re-Slope: 1.000000					
A1 (Gain):	0.000000	Y-int: 0.000000					



Sample Name: S0 Acquired: 9/13/2018 11:22:57 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) 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	-.00020	-.00029	-.00017	.00030	.00072	.00362	.00652	-.00196
Stddev	.00013	.00019	.00014	.00022	.00008	.00062	.00089	.00059
%RSD	65.376	64.453	83.938	74.730	10.797	17.183	13.710	29.958

#1	-.00008	-.00051	-.00001	.00011	.00075	.00294	.00721	-.00130
#2	-.00018	-.00021	-.00023	.00055	.00063	.00376	.00551	-.00242
#3	-.00034	-.00016	-.00027	.00024	.00077	.00417	.00683	-.00217

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	.00047	.00167	-.00003	.00003	.00152	.00016	-.00008	-.00028
Stddev	.00019	.00117	.00005	.00019	.00031	.00030	.00011	.00030
%RSD	40.990	69.673	163.23	627.94	20.175	190.36	147.09	109.41

#1	.00067	.00136	.00002	-.00018	.00117	-.00018	-.00011	-.00061
#2	.00029	.00296	-.00008	.00019	.00167	.00026	-.00017	-.00002
#3	.00044	.00069	-.00003	.00008	.00173	.00040	.00005	-.00020

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00181	-.00119	.00808	-.00029	-.00060	.03571	-.00082	.00805
Stddev	.00036	.00004	.00293	.00028	.00012	.00159	.00003	.00029
%RSD	20.142	3.7208	36.250	95.883	20.696	4.4457	3.1011	3.6461

#1	-.00168	-.00117	.00775	-.00027	-.00056	.03419	-.00079	.00818
#2	-.00153	-.00116	.01116	-.00002	-.00074	.03736	-.00084	.00826
#3	-.00222	-.00124	.00533	-.00057	-.00050	.03557	-.00084	.00771

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	.00065	.00069	.00676	.00051	.00117	.01202	.00182	
Stddev	.00025	.00007	.00058	.00011	.00033	.00153	.00119	
%RSD	38.635	10.151	8.6027	21.815	27.754	12.758	65.248	

#1	.00042	.00062	.00743	.00057	.00080	.01375	.00218	
#2	.00091	.00069	.00647	.00058	.00131	.01150	.00279	
#3	.00060	.00076	.00638	.00038	.00140	.01082	.00049	

Sample Name: S0 Acquired: 9/13/2018 11:22:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) 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	2047.2	2628.8	46683.	4812.0	3723.6
Stddev	3.3	3.3	94.	2.8	.3
%RSD	.16246	.12627	.20209	.05896	.00729
#1	2043.8	2626.5	46616.	4809.8	3723.4
#2	2050.4	2632.6	46641.	4811.0	3723.9
#3	2047.5	2627.2	46791.	4815.2	3723.5

Sample Name: S1 Acquired: 9/13/2018 11:27:06 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) 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	.00006	.00102	.00142	.00284	.01217	.01771	.79228	.04659
Stddev	.00009	.00004	.00025	.00009	.00014	.00073	.00451	.00038
%RSD	138.23	3.5131	17.442	3.0058	1.1168	4.1405	.56862	.82261

#1	.00007	.00106	.00124	.00282	.01203	.01853	.79018	.04635
#2	.00014	.00099	.00170	.00293	.01218	.01744	.79745	.04639
#3	-.00003	.00102	.00131	.00276	.01230	.01714	.78920	.04703

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	.01612	.18848	.00184	.04148	.00368	.00157	.00256	.02732
Stddev	.00024	.00043	.00005	.00031	.00031	.00025	.00013	.00044
%RSD	1.5001	.22615	2.6087	.75803	8.4268	16.161	5.1148	1.6051

#1	.01619	.18802	.00189	.04184	.00343	.00186	.00257	.02682
#2	.01585	.18858	.00180	.04136	.00359	.00145	.00268	.02752
#3	.01632	.18885	.00182	.04124	.00403	.00139	.00242	.02762

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	.02550	.00132	.04128	.00267	.00086	.16991	.00148	.01149
Stddev	.00010	.00007	.00096	.00010	.00028	.00126	.00004	.00066
%RSD	.39563	5.2093	2.3234	3.5915	32.526	.73977	2.3938	5.7291

#1	.02561	.00140	.04112	.00274	.00057	.17065	.00149	.01223
#2	.02543	.00127	.04041	.00256	.00088	.16846	.00144	.01127
#3	.02544	.00128	.04231	.00272	.00114	.17062	.00151	.01096

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	.01007	.00335	.05417	.00123	.01098	.07548	.91731	
Stddev	.00007	.00005	.00061	.00005	.00021	.00090	.00121	
%RSD	.66919	1.5300	1.1261	4.4335	1.9288	1.1953	.13218	

#1	.01008	.00341	.05487	.00120	.01109	.07638	.91610	
#2	.01013	.00331	.05375	.00129	.01112	.07457	.91732	
#3	.01000	.00335	.05388	.00119	.01074	.07548	.91852	

Sample Name: S1 Acquired: 9/13/2018 11:27:06 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) 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	2080.2	2631.8	47587.	4905.5	3754.6
Stddev	8.4	3.5	51.	34.0	7.4
%RSD	.40444	.13206	.10698	.69387	.19624
#1	2078.5	2628.0	47528.	4867.4	3749.4
#2	2089.3	2634.9	47619.	4932.9	3763.0
#3	2072.8	2632.4	47613.	4916.3	3751.3

Sample Name: S2 Acquired: 9/13/2018 11:31:15 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) 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	.04104	.06646	.99306	.09126	.22701	2.6639	9.3941	1.1031
Stddev	.00041	.00041	.00096	.00013	.00096	.0032	.0148	.0006
%RSD	.99186	.61688	.09655	.14434	.42302	.12164	.15776	.04951

#1	.04115	.06683	.99316	.09140	.22809	2.6632	9.3943	1.1034
#2	.04059	.06652	.99206	.09125	.22624	2.6611	9.3791	1.1034
#3	.04138	.06602	.99397	.09113	.22670	2.6675	9.4088	1.1025

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	1.8320	2.2973	.61575	.50563	.33836	.46648	.57380	.33145
Stddev	.0021	.0032	.00115	.00086	.00103	.00089	.00071	.00167
%RSD	.11408	.13944	.18656	.16944	.30330	.19001	.12437	.50254

#1	1.8341	2.2937	.61661	.50591	.33835	.46695	.57300	.33174
#2	1.8321	2.2982	.61619	.50630	.33939	.46703	.57436	.33295
#3	1.8299	2.2999	.61445	.50466	.33734	.46546	.57404	.32966

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	.40740	.07196	.26144	.02935	.07733	1.0579	.02797	.75034
Stddev	.00061	.00041	.00243	.00043	.00065	.0040	.00014	.00158
%RSD	.15055	.56504	.92912	1.4713	.84296	.38031	.51009	.21086

#1	.40702	.07226	.25942	.02965	.07698	1.0535	.02786	.75195
#2	.40707	.07150	.26414	.02885	.07693	1.0592	.02813	.74878
#3	.40811	.07212	.26076	.02955	.07808	1.0612	.02793	.75028

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	1.1220	.03359	.64708	.14369	.25010	1.6083	11.047	
Stddev	.0012	.00016	.00078	.00052	.00134	.0017	.011	
%RSD	.10569	.46389	.12070	.36215	.53474	.10472	.09594	

#1	1.1225	.03371	.64759	.14372	.24906	1.6075	11.039	
#2	1.1207	.03341	.64618	.14315	.24962	1.6072	11.059	
#3	1.1229	.03364	.64747	.14419	.25161	1.6102	11.044	

Sample Name: S2 Acquired: 9/13/2018 11:31:15 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) 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	2024.8	2524.4	47065.	4837.5	3495.0
Stddev	6.7	4.1	71.	9.8	4.3
%RSD	.33012	.16230	.15111	.20322	.12446
#1	2029.5	2523.9	47144.	4836.9	3491.7
#2	2027.8	2528.7	47044.	4828.1	3499.9
#3	2017.1	2520.5	47007.	4847.7	3493.3

Sample Name: S3 Acquired: 9/13/2018 11:35:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) 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	.08417	.13290	2.0438	.18246	.45420	5.3837	18.910	2.1915
Stddev	.00013	.00060	.0013	.00094	.00024	.0268	.044	.0245
%RSD	.16010	.45011	.06297	.51777	.05390	.49828	.23492	1.1164

#1	.08425	.13270	2.0452	.18233	.45415	5.3562	18.896	2.1872
#2	.08402	.13242	2.0435	.18159	.45447	5.3851	18.959	2.1695
#3	.08424	.13357	2.0427	.18346	.45398	5.4097	18.873	2.2179

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	3.6754	4.4864	1.2125	1.0184	.67654	.91668	1.1519	.65957
Stddev	.0015	.0036	.0011	.0010	.00279	.00309	.0040	.00336
%RSD	.04227	.08054	.09230	.10163	.41177	.33718	.34477	.50976

#1	3.6747	4.4876	1.2114	1.0194	.67373	.91954	1.1531	.65949
#2	3.6743	4.4824	1.2126	1.0173	.67661	.91340	1.1475	.65624
#3	3.6772	4.4894	1.2136	1.0185	.67930	.91712	1.1553	.66297

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	.82044	.14695	.52038	.05856	.15798	2.1267	.05882	1.4982
Stddev	.00052	.00107	.00419	.00049	.00024	.0068	.00008	.0124
%RSD	.06339	.72967	.80586	.84238	.15481	.31770	.14219	.82740

#1	.82104	.14816	.51605	.05799	.15793	2.1190	.05882	1.4959
#2	.82010	.14611	.52068	.05882	.15776	2.1295	.05874	1.4872
#3	.82018	.14658	.52442	.05887	.15824	2.1317	.05891	1.5116

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	2.2635	.06905	1.2295	.29245	.49843	3.2649	22.134	
Stddev	.0033	.00039	.0122	.00065	.00270	.0141	.036	
%RSD	.14414	.56095	.99059	.22171	.54267	.43119	.16364	

#1	2.2610	.06950	1.2284	.29319	.49597	3.2490	22.127	
#2	2.2622	.06880	1.2179	.29213	.49798	3.2758	22.102	
#3	2.2672	.06887	1.2422	.29202	.50133	3.2698	22.173	

Sample Name: S3 Acquired: 9/13/2018 11:35:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) 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	1959.7	2422.5	46678.	4822.2	3316.9
Stddev	12.7	4.5	194.	38.0	4.9
%RSD	.64948	.18462	.41516	.78870	.14902
#1	1945.5	2419.8	46455.	4841.8	3312.0
#2	1970.0	2427.6	46797.	4846.5	3321.9
#3	1963.6	2419.9	46783.	4778.4	3316.9

Sample Name: S4 Acquired: 9/13/2018 11:39:02 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) 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	.17135	.26035	4.1248	.35953	.90897	10.934	37.488	4.2684
Stddev	.00046	.00053	.0040	.00049	.00140	.056	.100	.0616
%RSD	.27100	.20318	.09761	.13557	.15383	.50990	.26711	1.4423

#1	.17101	.25974	4.1267	.35902	.90748	10.937	37.374	4.3395
#2	.17115	.26060	4.1202	.35960	.91026	10.877	37.534	4.2352
#3	.17188	.26071	4.1275	.35998	.90916	10.988	37.558	4.2306

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	7.2532	8.6779	2.3574	2.0203	1.3331	1.7709	2.2538	1.3037
Stddev	.0083	.0068	.0014	.0019	.0022	.0037	.0023	.0034
%RSD	.11423	.07806	.05771	.09505	.16905	.21053	.10226	.26039

#1	7.2561	8.6782	2.3586	2.0224	1.3352	1.7732	2.2516	1.3062
#2	7.2439	8.6846	2.3559	2.0201	1.3307	1.7728	2.2562	1.3050
#3	7.2597	8.6710	2.3576	2.0185	1.3335	1.7666	2.2537	1.2998

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	1.6253	.29490	1.0355	.11631	.31867	4.2807	.12228	2.9757
Stddev	.0013	.00205	.0086	.00102	.00252	.0203	.00051	.0472
%RSD	.07742	.69530	.82867	.87278	.79216	.47460	.41644	1.5876

#1	1.6264	.29624	1.0395	.11527	.31627	4.2782	.12204	3.0302
#2	1.6239	.29591	1.0256	.11637	.32130	4.2618	.12195	2.9482
#3	1.6256	.29253	1.0413	.11730	.31843	4.3022	.12287	2.9486

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	4.5220	.14195	2.3572	.58532	.98770	6.5905	43.738	
Stddev	.0070	.00009	.0322	.00113	.00606	.0209	.103	
%RSD	.15449	.06682	1.3649	.19241	.61365	.31760	.23519	

#1	4.5141	.14193	2.3943	.58444	.99240	6.5782	43.855	
#2	4.5249	.14187	2.3401	.58494	.98086	6.5785	43.702	
#3	4.5271	.14206	2.3372	.58659	.98985	6.6146	43.659	

Sample Name: S4 Acquired: 9/13/2018 11:39:02 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) 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	1891.2	2283.5	45927.	4770.7	3108.3
Stddev	12.4	4.6	205.	26.1	4.5
%RSD	.65784	.20148	.44568	.54687	.14451
#1	1893.9	2285.7	46115.	4748.3	3105.1
#2	1877.6	2278.2	45709.	4799.4	3106.3
#3	1902.1	2286.5	45959.	4764.4	3113.4

Sample Name: S5 Acquired: 9/13/2018 11:42:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) 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	.36237	.51044	8.3747	.72793	1.9238	22.270	74.709	8.2243
Stddev	.00006	.00021	.0065	.00187	.0027	.028	.368	.0576
%RSD	.01769	.04142	.07812	.25676	.13907	.12780	.49240	.70051

#1	.36238	.51039	8.3779	.72609	1.9224	22.237	74.509	8.1605
#2	.36243	.51068	8.3671	.72983	1.9222	22.286	74.483	8.2725
#3	.36230	.51027	8.3789	.72786	1.9269	22.286	75.133	8.2399

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	14.433	17.114	4.5890	4.0671	2.6545	3.4441	4.3825	2.6204
Stddev	.013	.035	.0066	.0020	.0063	.0165	.0138	.0087
%RSD	.09192	.20608	.14398	.04885	.23940	.47891	.31445	.33192

#1	14.445	17.111	4.5928	4.0661	2.6501	3.4284	4.3761	2.6155
#2	14.419	17.081	4.5814	4.0657	2.6517	3.4427	4.3730	2.6153
#3	14.436	17.151	4.5928	4.0693	2.6618	3.4612	4.3983	2.6305

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	3.2588	.59797	2.0771	.22847	.65783	8.8053	.25718	5.7931
Stddev	.0028	.00314	.0092	.00073	.00666	.0227	.00031	.0489
%RSD	.08592	.52584	.44366	.31859	1.0125	.25719	.12181	.84470

#1	3.2601	.59574	2.0708	.22815	.65859	8.7795	.25753	5.7448
#2	3.2556	.60157	2.0727	.22795	.66408	8.8141	.25707	5.8427
#3	3.2608	.59661	2.0876	.22930	.65082	8.8221	.25694	5.7917

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	9.3802	.29730	4.5613	1.1878	1.9560	13.555	85.994	
Stddev	.0105	.00040	.0321	.0017	.0018	.012	.987	
%RSD	.11203	.13601	.70463	.13987	.08924	.08796	1.1473	

#1	9.3714	.29776	4.5242	1.1891	1.9562	13.543	84.965	
#2	9.3775	.29700	4.5819	1.1859	1.9541	13.556	86.932	
#3	9.3919	.29713	4.5777	1.1884	1.9576	13.566	86.086	

Sample Name: S5 Acquired: 9/13/2018 11:42:54 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) 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	1787.8	2085.4	45378.	4757.6	2873.7
Stddev	12.0	2.7	72.	23.9	4.1
%RSD	.67034	.13144	.15943	.50308	.14193
#1	1796.0	2086.4	45294.	4775.9	2871.6
#2	1774.1	2087.5	45416.	4766.5	2878.4
#3	1793.4	2082.3	45423.	4730.5	2871.1

Sample Name: S6 Acquired: 9/13/2018 11:47:00 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) 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	59.595	27.864	9.1383	4.3986	5.7908
Stddev	.136	.070	.0331	.0149	.0218
%RSD	.22753	.25089	.36241	.33943	.37687

#1	59.486	27.786	9.1341	4.3909	5.7677
#2	59.553	27.919	9.1733	4.4158	5.7937
#3	59.747	27.889	9.1075	4.3892	5.8110

Int. Std.	Y_3710
Units	Cts/S
Avg	4652.3
Stddev	14.3
%RSD	.30804

#1	4639.7
#2	4649.2
#3	4667.9

Sample Name: ICV Acquired: 9/13/2018 12:05:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0327235	.0531372	.1522048	.0724863	.1734156	.1724595
Stddev	.0000601	.0000326	.0004126	.0005227	.0002978	.0003300
%RSD	.1837869	.0613147	.2711178	.7210289	.1717517	.1913355

#1	.0327872	.0531675	.1523702	.0728435	.1737517	.1728405
#2	.0326677	.0531027	.1525092	.0718864	.1733107	.1722650
#3	.0327156	.0531415	.1517351	.0727288	.1731844	.1722731

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.865963	3.958943	1.375709	.3466344	.0788583	.3825709
Stddev	.006055	.032865	.001748	.0004301	.0004090	.0012455
%RSD	.3244840	.8301408	.1270791	.1240647	.5186541	.3255634

#1	1.867900	3.994997	1.375387	.3461509	.0789655	.3834968
#2	1.859176	3.951173	1.374144	.3469740	.0784063	.3811549
#3	1.870811	3.930660	1.377596	.3467785	.0792030	.3830610

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0467263	.0609427	.0747317	.0290055	.3202952	.1178112
Stddev	.0006582	.0001960	.0003140	.0003102	.0008851	.0000443
%RSD	1.408704	.3216581	.4201335	1.069307	.2763509	.0375711

#1	.0462226	.0607413	.0748146	.0286715	.3209222	.1178112
#2	.0464852	.0611328	.0749958	.0292844	.3192827	.1178554
#3	.0474711	.0609538	.0743846	.0290605	.3206808	.1177669

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0723802	.0245184	.0218848	.2993617	-.000973	.2886103
Stddev	.0010006	.0002771	.0000798	.0023057	.000101	.0011352
%RSD	1.382447	1.130016	.3644651	.7701909	10.36310	.3933439

#1	.0729331	.0242477	.0219730	.3015074	-.000860	.2898978
#2	.0729823	.0248014	.0218177	.2996537	-.001053	.2881800
#3	.0712251	.0245060	.0218639	.2969239	-.001007	.2877531

Sample Name: ICV Acquired: 9/13/2018 12:05:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.4380628	.0005748	.2232906	.0562734	.1027157	.0076935
Stddev	.0003354	.0000502	.0009815	.0001859	.0008661	.0023682
%RSD	.0765566	8.740525	.4395623	.3303044	.8432419	30.78192

#1	.4382658	.0006025	.2243742	.0560594	.1032884	.0085916
#2	.4376757	.0006050	.2224611	.0563946	.1017193	.0050076
#3	.4382468	.0005168	.2230367	.0563663	.1031394	.0094813

Elem	Sr4077
Units	Cts/S
Avg	.1005624
Stddev	.0008513
%RSD	.8465710

#1	.0999074
#2	.1002550
#3	.1015247

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2129.052	2582.523	49064.45	5041.276	3718.706
Stddev	8.206	6.456	68.03	36.277	7.200
%RSD	.3854104	.2499940	.1386581	.7196089	.1936036

#1	2129.482	2575.947	49003.61	4999.530	3710.423
#2	2120.640	2582.769	49051.82	5059.140	3722.240
#3	2137.034	2588.852	49137.91	5065.157	3723.456

Sample Name: ICB Acquired: 9/13/2018 12:16:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v646) 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	-.005205	-.000387	-.001428	-.001928	-.000707	-.002043	-.000507
Stddev	.002704	.000692	.000978	.002418	.001221	.008828	.001011
%RSD	51.95503	178.9410	68.48534	125.4163	172.8286	432.1217	199.2945

#1	-.003702	.000412	-.002106	-.002690	.000703	.006627	.000607
#2	-.008327	-.000757	-.000307	-.003874	-.001387	-.001736	-.001367
#3	-.003586	-.000815	-.001872	.000779	-.001435	-.011020	-.000763

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000036	-.000059	.0046920	.0003663	.0000053	-.004952	-.012576
Stddev	.000010	.000042	.0125748	.0001902	.0001178	.003596	.022656
%RSD	28.90913	71.44236	268.0020	51.91062	2206.355	72.60716	180.1574

#1	-.000048	-.000080	.0166295	.0005858	.0000158	-.000862	-.006360
#2	-.000030	-.000010	-.008435	.0002623	-.000117	-.006378	-.037691
#3	-.000030	-.000086	.005882	.0002509	.000117	-.007617	.006324

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000043	-.061280	-.000000	.0005760	-.070550	.0045729	.0144360
Stddev	.0010501	.014540	.000089	.0001391	.224544	.0061535	.0283209
%RSD	24717.09	23.72770	1380328.	24.14935	318.2764	134.5667	196.1828

#1	-.000223	-.054315	-.000079	.0004154	.149322	.0114644	.0100892
#2	.001149	-.051532	.000097	.0006525	-.061481	.0026261	-.011460
#3	-.000913	-.077992	-.000018	.0006601	-.299492	-.000372	.044679

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.092057	-.005170	-.007191	-.000041	-.009912	-.003221	-.000998
Stddev	.033499	.003262	.000267	.000062	.000988	.000759	.000601
%RSD	36.38979	63.09000	3.711919	149.3521	9.972247	23.55412	60.22206

#1	-.058438	-.008827	-.007121	-.000102	-.011049	-.002448	-.001291
#2	-.092298	-.004117	-.006965	.000022	-.009257	-.003964	-.000307
#3	-.125436	-.002564	-.007486	-.000045	-.009430	-.003250	-.001396

Sample Name: ICB Acquired: 9/13/2018 12:16:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v646) 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	.0001893	-.002958	-.000095
Stddev	.0020195	.001794	.000028
%RSD	1066.845	60.64158	29.62419

#1	.0025078	-.000944	-.000095
#2	-.001186	-.004383	-.000067
#3	-.000754	-.003548	-.000123

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2099.550	2557.861	48373.88	4975.207	3687.065
Stddev	7.261	4.833	65.73	29.331	3.374
%RSD	.3458536	.1889610	.1358800	.5895426	.0914967

#1	2091.313	2563.217	48323.66	4949.390	3688.305
#2	2102.311	2553.824	48448.27	4969.130	3689.643
#3	2105.025	2556.542	48349.70	5007.100	3683.247

Sample Name: ICSA Acquired: 9/13/2018 12:20:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v646) 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	-.009341	-.002153	-.002350	-.015487	.0046565	243.8477
Stddev	.004040	.003459	.002128	.004423	.0011390	.9400
%RSD	43.24711	160.6540	90.53639	28.55781	24.45973	.3854994

#1	-.007129	-.004901	-.002269	-.020493	.0055588	244.8142
#2	-.014004	-.003290	-.000264	-.012107	.0050341	243.7924
#3	-.006890	.001731	-.004517	-.013862	.0033767	242.9366

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070157	.0010823	.0006859	246.7659	.0524436	.0007313
Stddev	.0001285	.0000228	.0000942	.2581	.0006121	.0002089
%RSD	1.831423	2.105646	13.73334	.1045861	1.167135	28.56572

#1	.0068905	.0010964	.0005771	246.5548	.0526929	.0009544
#2	.0070094	.0010947	.0007411	247.0536	.0517462	.0005404
#3	.0071473	.0010561	.0007394	246.6892	.0528917	.0006991

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007690	102.4011	.0153019	252.0171	.0148330	.0004324
Stddev	.004957	.5657	.0018155	1.2553	.0004802	.0002449
%RSD	64.46841	.5524679	11.86459	.4981130	3.237250	56.64029

#1	-.013214	101.7639	.0133873	250.5706	.0150973	.0007032
#2	-.003628	102.8444	.0169986	252.8221	.0151230	.0002262
#3	-.006227	102.5949	.0155200	252.6585	.0142787	.0003680

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.081305	.0079141	.0332462	-.288677	-.001685	F .0921752
Stddev	.181488	.0078590	.0007374	.031600	.002468	.0029357
%RSD	223.2178	99.30303	2.218108	10.94640	146.4674	3.184912

#1	-.265552	.0002743	.0339168	-.264375	-.001050	.0887876
#2	-.075657	.0159752	.0324564	-.324400	-.004408	.0937597
#3	.097292	.0074928	.0333653	-.277258	.000403	.0939781

Sample Name: ICSA Acquired: 9/13/2018 12:20:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v646) 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	.0035695	.0018017	-.005277	-.004749	-.004361	.0019418
Stddev	.0003895	.0072096	.000407	.000298	.001338	.0011810
%RSD	10.91227	400.1611	7.711422	6.270203	30.67164	60.81959

#1	.0031211	-.005360	-.005742	-.004411	-.005045	.0014751
#2	.0037631	.001706	-.004988	-.004868	-.005220	.0032848
#3	.0038242	.009059	-.005100	-.004969	-.002820	.0010654

Elem	Sr4077
Units	ppm
Avg	.1021318
Stddev	.0003610
%RSD	.3534794

#1	.1020300
#2	.1018326
#3	.1025328

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2018.086	2411.749	47609.18	4977.032	3266.228
Stddev	9.773	3.778	97.90	11.316	4.572
%RSD	.4842862	.1566377	.2056329	.2273662	.1399755

#1	2011.018	2414.044	47628.20	4972.877	3271.507
#2	2029.239	2407.389	47696.18	4968.381	3263.619
#3	2014.000	2413.815	47503.17	4989.838	3263.559

Sample Name: ICSAB Acquired: 9/13/2018 12:24:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v646) 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	.0860695	.0989770	.0438977	.0344679	.5937691	240.6668
Stddev	.0015152	.0014297	.0026392	.0051950	.0016562	.3350
%RSD	1.760477	1.444491	6.012196	15.07195	.2789364	.1391970

#1	.0843335	.1000196	.0451560	.0321811	.5919441	240.5050
#2	.0871266	.0995643	.0456722	.0404140	.5951766	241.0520
#3	.0867483	.0973472	.0408648	.0308086	.5941867	240.4434

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5137747	.4779345	.9685939	243.4875	.5771312	.4853242
Stddev	.0022499	.0019203	.0021955	.8475	.0004388	.0015177
%RSD	.4379132	.4017809	.2266706	.3480539	.0760220	.3127250

#1	.5152779	.4794417	.9711285	243.7116	.5771266	.4870766
#2	.5111881	.4757725	.9672793	242.5505	.5775722	.4844668
#3	.5148581	.4785892	.9673740	244.2004	.5766948	.4844291

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5071240	101.1563	.5119733	249.3625	1.011086	.1963673
Stddev	.0048463	.5081	.0047294	.5779	.000687	.0009503
%RSD	.9556503	.5023145	.9237528	.2317505	.0679762	.4839624

#1	.5125287	101.7376	.5066745	249.9815	1.010658	.1972574
#2	.5056781	100.7968	.5157666	249.2688	1.010722	.1953664
#3	.5031652	100.9343	.5134788	248.8371	1.011879	.1964780

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.181172	.5343401	1.034853	-.412749	.0128988	F .0927987
Stddev	.185152	.0128772	.018743	.074636	.0015368	.0020218
%RSD	102.1971	2.409926	1.811187	18.08267	11.91430	2.178651

#1	-.109019	.5221527	1.014798	-.359076	.0122926	.0949012
#2	-.391537	.5330568	1.037833	-.381191	.0146462	.0908688
#3	-.042959	.5478110	1.051928	-.497980	.0117575	.0926262

Sample Name: ICSAB Acquired: 9/13/2018 12:24:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v646) 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	.0045328	.0049636	-.003122	-.004001	-.004310	.0006815
Stddev	.0003092	.0055705	.000732	.000977	.002096	.0002020
%RSD	6.820314	112.2273	23.45441	24.41709	48.62897	29.64032

#1	.0041927	.0092803	-.002279	-.004727	-.002016	.0004714
#2	.0046086	.0069349	-.003597	-.004386	-.006124	.0006987
#3	.0047969	-.001325	-.003489	-.002890	-.004790	.0008743

Elem	Sr4077
Units	ppm
Avg	.1013787
Stddev	.0003472
%RSD	.3425027

#1	.1015388
#2	.1016171
#3	.1009804

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2031.977	2412.034	47794.83	4970.234	3265.614
Stddev	6.026	1.431	210.26	13.484	1.679
%RSD	.2965677	.0593229	.4399274	.2712949	.0514146

#1	2025.025	2412.651	47631.46	4962.700	3263.704
#2	2035.191	2410.398	48032.05	4985.801	3266.280
#3	2035.714	2413.054	47720.96	4962.201	3266.858

Sample Name: CCV017 Acquired: 9/13/2018 12:28:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v646) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV017 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.833003	4.759952	24.44431	4.705413	4.942459	416.8380	9.853546
Stddev	.016065	.021799	.06290	.011428	.011053	1.1511	.041752
%RSD	.3324074	.4579772	.2573170	.2428634	.2236267	.2761598	.4237256

#1	4.814629	4.748698	24.39708	4.710128	4.931225	417.9591	9.900911
#2	4.839979	4.746080	24.42013	4.692382	4.942831	416.8960	9.822075
#3	4.844402	4.785078	24.51571	4.713729	4.953321	415.6590	9.837651

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4704014	2.401394	400.2691	14.99159	2.429757	14.93331	412.0692
Stddev	.0041280	.004661	1.1946	.00910	.005822	.02461	1.1241
%RSD	.8775371	.1940999	.2984470	.0607183	.2396055	.1647714	.2727966

#1	.4688181	2.399830	401.4602	14.98206	2.429514	14.96064	411.9031
#2	.4672994	2.397717	399.0711	14.99251	2.424060	14.92638	411.0374
#3	.4750866	2.406636	400.2761	15.00019	2.435696	14.91291	413.2671

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.51617	397.5059	2.478505	1.215632	414.3729	2.517486	14.97925
Stddev	.01349	1.3507	.004894	.003676	.5086	.019890	.28596
%RSD	.0929162	.3397893	.1974460	.3023693	.1227379	.7900781	1.909053

#1	14.51579	397.7108	2.475956	1.212285	414.9492	2.528110	15.02844
#2	14.50287	396.0644	2.475412	1.215044	413.9867	2.529808	15.23743
#3	14.52984	398.7424	2.484147	1.219566	414.1830	2.494540	14.67189

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.3344	5.290004	4.915671	4.783641	5.002785	4.702635	4.943165
Stddev	.0224	.019739	.032703	.009213	.008583	.037739	.015124
%RSD	.0145306	.3731375	.6652841	.1926018	.1715593	.8025010	.3059661

#1	154.3125	5.291575	4.901582	4.777036	4.997814	4.689420	4.935770
#2	154.3573	5.269526	4.892374	4.779722	4.997847	4.673282	4.933162
#3	154.3334	5.308910	4.953057	4.794167	5.012696	4.745204	4.960565

Sample Name: CCV017 Acquired: 9/13/2018 12:28:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v646) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV017 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.004295	5.023060	4.930812
Stddev	.007691	.012931	.012196
%RSD	.1536782	.2574326	.2473344

#1	5.012809	5.037119	4.935372
#2	5.002227	5.020388	4.916993
#3	4.997851	5.011675	4.940070

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1905.189	2202.391	46778.49	4906.106	2938.100
Stddev	16.508	5.148	197.38	14.668	8.223
%RSD	.8664592	.2337681	.4219466	.2989749	.2798734

#1	1895.917	2205.713	46720.35	4893.593	2940.459
#2	1895.402	2205.000	46616.71	4922.248	2944.886
#3	1924.248	2196.460	46998.41	4902.478	2928.956

Sample Name: CCB017 Acquired: 9/13/2018 12:32:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v646) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB017 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003869	-.001939	-.000604	.0014078	-.000420	.0086194	.0000812
Stddev	.001754	.000807	.000363	.0029110	.000998	.0047818	.0002109
%RSD	45.33488	41.63225	60.07869	206.7798	237.6511	55.47735	259.5748

#1	-.001888	-.001353	-.001021	.0045813	.000644	.0038270	-.000059
#2	-.004495	-.002860	-.000368	.0007805	-.000568	.0086406	.000324
#3	-.005225	-.001605	-.000422	-.001138	-.001335	.0133906	-.000021

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000023	.0000168	.0200979	.0005932	-.000039	-.005752	-.000725
Stddev	.000046	.0000335	.0305656	.0001356	.000247	.003999	.017182
%RSD	198.7226	199.0678	152.0832	22.86699	628.5201	69.52745	2368.785

#1	-.000062	.0000314	.0547822	.0006925	-.000041	-.002028	-.020293
#2	-.000036	.0000405	-.002901	.0006485	-.000285	-.005248	.011894
#3	.000028	-.000021	.008413	.0004387	.000208	-.009979	.006223

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020987	.0318777	.0000651	.0008934	-.408330	.0096016	.0158019
Stddev	.0015640	.0108558	.0001005	.0001943	.077097	.0015585	.0071957
%RSD	74.52335	34.05436	154.2161	21.74544	18.88103	16.23204	45.53715

#1	.0022102	.0432072	.0001632	.0006718	-.460247	.0112539	.0108884
#2	.0036040	.0308585	.0000699	.0009740	-.319742	.0093930	.0124559
#3	.0004819	.0215676	-.000038	.0010343	-.445000	.0081579	.0240614

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.101791	-.004749	.0013905	.0000987	-.011096	-.003264	-.000900
Stddev	.055273	.001138	.0019723	.0000670	.003509	.001409	.000326
%RSD	54.30018	23.95912	141.8425	67.88253	31.62435	43.14815	36.21754

#1	-.088211	-.005706	.0030037	.0001569	-.008858	-.002302	-.001019
#2	-.162589	-.003491	.0019762	.0000255	-.015140	-.002610	-.000531
#3	-.054574	-.005049	-.000808	.0001137	-.009289	-.004881	-.001148

Sample Name: CCB017 Acquired: 9/13/2018 12:32:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v646) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB017 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001463	.0008965	-.000117
Stddev	.003543	.0022460	.000135
%RSD	242.1381	250.5469	115.8825

#1	-.003629	.0018855	-.000200
#2	.002625	-.001674	-.000189
#3	-.003386	.002478	.000039

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2120.162	2569.061	48827.87	5051.890	3705.305
Stddev	12.013	4.861	237.16	3.099	4.994
%RSD	.5666096	.1891995	.4857035	.0613351	.1347752

#1	2109.266	2564.574	48573.03	5054.110	3699.558
#2	2118.176	2574.225	48868.45	5053.210	3708.594
#3	2133.044	2568.385	49042.11	5048.350	3707.762

Sample Name: J4752-05 Acquired: 9/13/2018 12:37:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FM1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1423881	-.007203	2.116171	-.019845	.0100955	80.95633	1.027437
Stddev	.0073275	.002319	.003318	.000896	.0010462	.28435	.001362
%RSD	5.146129	32.19462	.1568133	4.515182	10.36331	.3512350	.1326089

#1	.1339978	-.007176	2.115657	-.019137	.0099319	80.64460	1.028084
#2	.1456375	-.004898	2.113140	-.020852	.0112139	81.20147	1.028356
#3	.1475290	-.009535	2.119717	-.019545	.0091408	81.02293	1.025872

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051224	.0471903	148.0789	.1319434	.0757858	.8272597	165.0249
Stddev	.0000837	.0001226	.5107	.0008931	.0002038	.0050914	.8040
%RSD	1.634683	.2598612	.3448662	.6769082	.2689186	.6154535	.4871764

#1	.0050846	.0472081	148.2902	.1312375	.0759312	.8253971	165.7556
#2	.0052184	.0473031	148.4500	.1316454	.0758734	.8330201	165.1555
#3	.0050643	.0470597	147.4965	.1329475	.0755528	.8233619	164.1636

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.985031	60.75128	.1066905	.0123299	1.860525	.3729571	3.083213
Stddev	.031773	.28228	.0001514	.0003563	.193461	.0079881	.014171
%RSD	.5308794	.4646515	.1418760	2.889626	10.39818	2.141834	.4596185

#1	6.002763	60.91500	.1065512	.0124557	1.915721	.3637605	3.072703
#2	6.003980	60.91352	.1066686	.0119277	1.645464	.3781699	3.077606
#3	5.948349	60.42533	.1068516	.0126062	2.020389	.3769409	3.099329

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.58977	9.970176	.2024489	.0091755	5.486281	8.094409	.0099435
Stddev	.02315	.006102	.0022218	.0002981	.013194	.096069	.0004222
%RSD	.0732868	.0612017	1.097462	3.248799	.2404906	1.186856	4.245864

#1	31.59084	9.976820	.2049482	.0094974	5.484221	8.059254	.0094691
#2	31.61236	9.964823	.2006975	.0089089	5.500384	8.203103	.0100836
#3	31.56610	9.968885	.2017012	.0091203	5.474238	8.020869	.0102778

Sample Name: J4752-05 Acquired: 9/13/2018 12:37:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FM1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.683826	.1084597	.3510637
Stddev	.017323	.0006676	.0005445
%RSD	.4702404	.6155462	.1551145

#1	3.669297	.1077018	.3516584
#2	3.702997	.1087169	.3509430
#3	3.679185	.1089605	.3505895

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2326.202	2767.529	54918.01	5749.728	3473.858
Stddev	13.004	6.353	81.97	39.926	8.756
%RSD	.5590251	.2295452	.1492572	.6943909	.2520507

#1	2336.118	2763.354	54973.09	5765.675	3467.984
#2	2311.479	2774.840	54957.13	5704.293	3483.922
#3	2331.008	2764.393	54823.81	5779.215	3469.669

Sample Name: J4752-06 Acquired: 9/13/2018 12:41:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FM2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1824535	-.006585	2.613271	-.022842	.0150197	90.66949	1.282947
Stddev	.0028995	.000927	.006193	.002016	.0003373	.69389	.003502
%RSD	1.589164	14.07278	.2369882	8.826797	2.245963	.7652996	.2729665

#1	.1848919	-.005569	2.610690	-.025040	.0146858	91.23108	1.286261
#2	.1792474	-.006803	2.608786	-.021079	.0150130	89.89377	1.279284
#3	.1832212	-.007384	2.620337	-.022406	.0153604	90.88362	1.283295

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067212	.0559088	123.4523	.1491407	.0913055	.8939233	194.5110
Stddev	.0001960	.0001736	.1621	.0006847	.0003272	.0052333	.5136
%RSD	2.915994	.3105847	.1313319	.4591118	.3584055	.5854350	.2640356

#1	.0067457	.0557520	123.6137	.1496279	.0909463	.8998797	194.1205
#2	.0069038	.0558791	123.4537	.1483579	.0915866	.8900624	195.0928
#3	.0065141	.0560954	123.2894	.1494364	.0913837	.8918278	194.3198

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.321355	63.40765	.1229499	.0153974	1.516537	.4062544	3.126376
Stddev	.005722	.20699	.0003130	.0003314	.135890	.0098853	.021720
%RSD	.0905259	.3264494	.2545869	2.152143	8.960546	2.433278	.6947217

#1	6.326883	63.32935	.1232714	.0151194	1.392580	.4174659	3.147397
#2	6.321726	63.64237	.1229320	.0153088	1.495197	.3987923	3.127712
#3	6.315456	63.25123	.1226461	.0157641	1.661834	.4025051	3.104020

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.25294	12.08571	.2240486	.0082354	5.174195	10.31668	.0175151
Stddev	.19067	.04751	.0045722	.0001473	.003629	.13438	.0020812
%RSD	.4984577	.3931331	2.040704	1.788203	.0701429	1.302576	11.88245

#1	38.30458	12.03333	.2188249	.0080956	5.178298	10.43573	.0182649
#2	38.04176	12.12602	.2259976	.0083891	5.171403	10.34336	.0151629
#3	38.41247	12.09779	.2273234	.0082214	5.172885	10.17096	.0191176

Sample Name: J4752-06 Acquired: 9/13/2018 12:41:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FM2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.405799	.1263987	.5229138
Stddev	.038072	.0016901	.0003532
%RSD	.8641361	1.337131	.0675525

#1	4.433057	.1278831	.5232451
#2	4.362300	.1245593	.5229542
#3	4.422041	.1267538	.5225421

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2422.052	2869.000	56899.96	5926.077	3484.729
Stddev	4.601	2.142	94.32	38.537	4.650
%RSD	.1899460	.0746428	.1657708	.6502925	.1334535

#1	2418.496	2866.527	57008.80	5881.690	3481.301
#2	2420.412	2870.248	56848.99	5945.542	3490.022
#3	2427.247	2870.224	56842.09	5950.997	3482.862

Sample Name: J4752-07 Acquired: 9/13/2018 12:45:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FM3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1387285	-.006635	1.693853	-.023871	.0106534	77.33279	1.097308
Stddev	.0010959	.000835	.003732	.002770	.0009768	.23174	.001039
%RSD	.7899518	12.59117	.2203277	11.60590	9.169175	.2996713	.0946816

#1	.1374644	-.006067	1.691877	-.026241	.0116202	77.15764	1.097172
#2	.1394106	-.006245	1.698157	-.020825	.0096668	77.59557	1.098409
#3	.1393105	-.007595	1.691524	-.024546	.0106731	77.24516	1.096344

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052276	.0399927	288.8671	.1572601	.0756396	.6420727	176.1479
Stddev	.0000073	.0001207	.4788	.0006663	.0001945	.0055917	.4503
%RSD	.1394997	.3016827	.1657495	.4236735	.2571955	.8708780	.2556263

#1	.0052341	.0398601	289.4156	.1573383	.0754540	.6482134	176.4874
#2	.0052290	.0400220	288.6530	.1578838	.0756228	.6372745	175.6371
#3	.0052198	.0400960	288.5327	.1565582	.0758420	.6407302	176.3192

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.386779	73.44462	.1216492	.0086174	2.177989	.4226384	2.637205
Stddev	.016000	.14317	.0005129	.0003270	.186658	.0086306	.031307
%RSD	.2970198	.1949332	.4216546	3.794405	8.570223	2.042085	1.187110

#1	5.404871	73.60509	.1220652	.0089944	2.357068	.4300750	2.616233
#2	5.380970	73.32999	.1218064	.0084102	2.192321	.4246656	2.622190
#3	5.374494	73.39877	.1210761	.0084477	1.984577	.4131746	2.673190

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.31575	18.89062	.2102282	.0098216	5.359651	9.507910	.0093177
Stddev	.02884	.01257	.0025708	.0003846	.005197	.061546	.0014388
%RSD	.1055746	.0665468	1.222875	3.915658	.0969578	.6473140	15.44163

#1	27.28245	18.88369	.2091193	.0102657	5.353868	9.539913	.0096627
#2	27.33252	18.88304	.2083979	.0096019	5.361155	9.436956	.0077377
#3	27.33228	18.90513	.2131674	.0095973	5.363930	9.546860	.0105526

Sample Name: J4752-07 Acquired: 9/13/2018 12:45:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FM3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.062762	.1117140	.5653418
Stddev	.005180	.0007644	.0008045
%RSD	.1691208	.6842150	.1423012

#1	3.066213	.1109472	.5653254
#2	3.065267	.1124759	.5661543
#3	3.056806	.1117188	.5645456

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2293.422	2719.898	54211.12	5695.222	3402.245
Stddev	14.317	5.516	102.81	40.649	8.392
%RSD	.6242741	.2027836	.1896424	.7137446	.2466503

#1	2290.409	2725.155	54124.32	5654.413	3411.549
#2	2309.006	2720.383	54324.66	5735.710	3395.247
#3	2280.851	2714.156	54184.38	5695.543	3399.940

Sample Name: J4752-08 Acquired: 9/13/2018 12:49:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FM4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1602131	-.005736	1.902878	-.023457	.0113564	97.00658	1.338658
Stddev	.0018783	.001458	.004200	.002829	.0015008	.62732	.002895
%RSD	1.172372	25.42328	.2207138	12.05889	13.21509	.6466802	.2162827

#1	.1595360	-.004567	1.901462	-.026672	.0108262	96.49678	1.339663
#2	.1587673	-.005270	1.899570	-.022345	.0130503	97.70714	1.340916
#3	.1623361	-.007370	1.907603	-.021353	.0101927	96.81581	1.335393

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075672	.0411279	176.2077	.1465304	.1010575	.6538909	194.3889
Stddev	.0000256	.0000377	.1813	.0004191	.0002782	.0063905	.3872
%RSD	.3382051	.0915798	.1028940	.2860192	.2753096	.9773040	.1991698

#1	.0075709	.0410941	176.2171	.1464832	.1013782	.6470723	194.5565
#2	.0075400	.0411212	176.3842	.1469711	.1009140	.6548571	193.9462
#3	.0075908	.0411685	176.0219	.1461369	.1008804	.6597433	194.6640

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.886334	73.47052	.1315052	.0095734	3.122515	.4134521	3.150214
Stddev	.012135	.14846	.0007328	.0003106	.190368	.0055347	.050385
%RSD	.2061572	.2020667	.5572580	3.244386	6.096610	1.338650	1.599410

#1	5.874281	73.46157	.1314682	.0099002	3.206934	.4076214	3.152280
#2	5.898550	73.32674	.1307916	.0092821	3.256075	.4186334	3.098828
#3	5.886170	73.62325	.1322558	.0095379	2.904536	.4141016	3.199534

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.35992	12.69003	.2204155	.0072465	5.248652	6.868408	.0111100
Stddev	.34747	.05792	.0045971	.0000430	.043074	.020759	.0013446
%RSD	.8202810	.4564201	2.085668	.5937676	.8206743	.3022450	12.10270

#1	42.22274	12.64048	.2225754	.0072607	5.216859	6.846252	.0119774
#2	42.75504	12.67591	.2151361	.0071981	5.231422	6.887411	.0095611
#3	42.10198	12.75371	.2235349	.0072806	5.297674	6.871560	.0117914

Sample Name: J4752-08 Acquired: 9/13/2018 12:49:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FM4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.874683	.1450183	.4679117
Stddev	.022248	.0017869	.0020049
%RSD	.5741833	1.232165	.4284699

#1	3.867408	.1459909	.4662915
#2	3.899657	.1461080	.4701538
#3	3.856983	.1429562	.4672898

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2429.258	2885.266	57369.33	5952.842	3432.763
Stddev	13.930	3.832	110.07	46.711	4.124
%RSD	.5734379	.1328181	.1918595	.7846864	.1201250

#1	2434.894	2881.412	57259.38	5963.204	3430.793
#2	2439.486	2885.310	57479.51	5901.820	3437.502
#3	2413.392	2889.076	57369.10	5993.502	3429.994

Sample Name: J4752-09 Acquired: 9/13/2018 12:53:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FM5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1436071	-.008809	1.727596	-.024199	.0080670	92.14438	1.234913
Stddev	.0038850	.002533	.002114	.004263	.0008781	.19821	.002367
%RSD	2.705291	28.75804	.1223667	17.61608	10.88450	.2151057	.1916947

#1	.1399269	-.011292	1.728436	-.025730	.0089716	91.93160	1.237405
#2	.1476688	-.006229	1.725191	-.019382	.0080112	92.17776	1.232694
#3	.1432258	-.008905	1.729161	-.027486	.0072182	92.32377	1.234639

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060308	.0353738	255.2085	.1387736	.0856742	.7530145	174.7862
Stddev	.0000981	.0001705	.3101	.0008530	.0001510	.0025513	.7571
%RSD	1.627175	.4820916	.1215103	.6146994	.1762752	.3388120	.4331822

#1	.0059290	.0354674	254.8716	.1388919	.0857437	.7509449	173.9823
#2	.0061248	.0351770	255.2719	.1378676	.0857779	.7558650	175.4857
#3	.0060387	.0354771	255.4820	.1395613	.0855009	.7522337	174.8906

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.055566	73.31679	.1218186	.0094826	3.130080	.3674459	2.489743
Stddev	.020154	.18771	.0004754	.0003827	.113688	.0025643	.016647
%RSD	.3328182	.2560309	.3902945	4.036263	3.632097	.6978718	.6686302

#1	6.042190	73.11548	.1219675	.0091680	3.068917	.3692101	2.479106
#2	6.078747	73.48702	.1222018	.0093709	3.060068	.3645043	2.508928
#3	6.045763	73.34789	.1212865	.0099087	3.261256	.3686232	2.481195

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.41366	14.27227	.2088677	.0082424	5.012303	5.344018	.0135151
Stddev	.13948	.04486	.0023920	.0002597	.006302	.026292	.0005908
%RSD	.4053067	.3142896	1.145217	3.150651	.1257237	.4919906	4.371370

#1	34.37238	14.31938	.2081881	.0085347	5.018520	5.319322	.0138647
#2	34.29948	14.23007	.2115260	.0081545	5.005920	5.371658	.0138478
#3	34.56912	14.26736	.2068891	.0080381	5.012469	5.341073	.0128330

Sample Name: J4752-09 Acquired: 9/13/2018 12:53:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FM5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.534162	.1365156	.6126371
Stddev	.007235	.0009512	.0004762
%RSD	.2047205	.6967532	.0777252

#1	3.538439	.1357483	.6124379
#2	3.538238	.1362185	.6122928
#3	3.525808	.1375798	.6131805

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2310.874	2749.405	54647.44	5722.604	3369.980
Stddev	8.587	2.636	44.52	32.600	1.182
%RSD	.3715906	.0958826	.0814636	.5696722	.0350787

#1	2304.492	2750.574	54600.14	5757.875	3368.645
#2	2307.493	2746.386	54653.65	5693.579	3370.400
#3	2320.637	2751.255	54688.52	5716.358	3370.895

Sample Name: J4752-10 Acquired: 9/13/2018 12:57:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GA7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0738458	-.008864	.5790391	-.014347	.0078017	81.18095
Stddev	.0038796	.000598	.0012843	.003999	.0031987	.54165
%RSD	5.253613	6.742028	.2218032	27.87198	41.00054	.6672185

#1	.0695878	-.008466	.5800451	-.018579	.0113590	81.19308
#2	.0747692	-.009551	.5794798	-.013830	.0051622	81.71644
#3	.0771803	-.008575	.5775925	-.010632	.0068838	80.63333

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.633103	.0044917	.0222376	F 859.9044	.1029357	.0456819
Stddev	.008378	.0000880	.0000896	2.8426	.0009295	.0002399
%RSD	.5130183	1.958397	.4028560	.3305719	.9029810	.5250961

#1	1.635379	.0043995	.0221511	860.3704	.1024133	.0459175
#2	1.640109	.0045747	.0222318	862.4852	.1040088	.0454380
#3	1.623823	.0045009	.0223300	856.8576	.1023849	.0456903

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.047446	122.0104	3.456779	141.2400	.0807742	.0054521
Stddev	.007164	.3234	.008856	.3205	.0002077	.0001997
%RSD	.6839099	.2650820	.2561929	.2269149	.2571874	3.662695

#1	1.054935	122.3806	3.464652	141.4686	.0810079	.0055011
#2	1.046741	121.7830	3.458495	141.3776	.0806106	.0052324
#3	1.040660	121.8675	3.447191	140.8737	.0807040	.0056227

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.014377	.2439607	1.137793	29.25255	14.26257	.3128356
Stddev	.339338	.0049956	.021303	.15783	.03064	.0027783
%RSD	11.25731	2.047723	1.872347	.5395345	.2148605	.8880931

#1	3.142716	.2480463	1.115588	29.31092	14.29785	.3149858
#2	3.270828	.2454445	1.139727	29.37288	14.24254	.3096986
#3	2.629588	.2383912	1.158063	29.07385	14.24733	.3138224

Sample Name: J4752-10 Acquired: 9/13/2018 12:57:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GA7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042705	13.34522	11.48859	.0088985	1.920918	.2657135
Stddev	.0002524	.00131	.09739	.0012469	.008998	.0008845
%RSD	5.911044	.0098308	.8476950	14.01255	.4684051	.3328651

#1	.0045483	13.34394	11.55321	.0096183	1.923274	.2664974
#2	.0042082	13.34656	11.53599	.0096185	1.928503	.2658885
#3	.0040551	13.34516	11.37658	.0074587	1.910976	.2647546

Elem	Sr4077
Units	ppm
Avg	3.744875
Stddev	.019840
%RSD	.5298038

#1	3.764529
#2	3.745242
#3	3.724854

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2154.390	2537.323	51776.83	5449.496	3135.244
Stddev	19.847	11.493	230.01	27.496	12.936
%RSD	.9212418	.4529497	.4442273	.5045572	.4125892

#1	2139.266	2537.223	51737.43	5452.045	3131.811
#2	2176.863	2548.866	52023.99	5420.815	3149.550
#3	2147.040	2525.881	51569.06	5475.629	3124.371

Sample Name: J4752-11 Acquired: 9/13/2018 13:01:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GA8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1046910	-.009323	1.064223	-.011884	.0091033	83.20188	1.652151
Stddev	.0080469	.003680	.005067	.003486	.0031344	.20841	.005028
%RSD	7.686346	39.47805	.4761577	29.33507	34.43106	.2504831	.3043248

#1	.0959435	-.009200	1.063661	-.015890	.0095645	83.00928	1.648231
#2	.1063509	-.005706	1.059461	-.009540	.0119816	83.17322	1.650403
#3	.1117785	-.013063	1.069549	-.010222	.0057639	83.42313	1.657820

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048673	.0305832	701.8570	.1062242	.0553591	1.528414	134.3365
Stddev	.0000491	.0000827	1.9914	.0004803	.0002654	.000418	.4271
%RSD	1.009598	.2704968	.2837302	.4521278	.4794713	.0273213	.3179119

#1	.0048188	.0305834	700.4679	.1060776	.0556106	1.528715	133.9157
#2	.0049171	.0305004	700.9646	.1058343	.0550817	1.528590	134.7696
#3	.0048661	.0306659	704.1385	.1067607	.0553851	1.527938	134.3241

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.581369	102.0871	.0963436	.0171137	2.622349	.2970463	1.581761
Stddev	.009773	.1614	.0001460	.0004549	.307165	.0046613	.019179
%RSD	.2133299	.1580532	.1515040	2.658364	11.71335	1.569204	1.212500

#1	4.570740	101.9113	.0962776	.0175435	2.282278	.2991559	1.568763
#2	4.583399	102.1214	.0962423	.0171603	2.879643	.2917032	1.603788
#3	4.589968	102.2285	.0965109	.0166372	2.705124	.3002797	1.572733

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.98371	21.32154	.2553550	.0078695	12.06312	10.49586	.0085705
Stddev	.15365	.04153	.0008213	.0004142	.03599	.06900	.0011622
%RSD	.4804111	.1948017	.3216144	5.262955	.2983144	.6574210	13.56083

#1	31.82193	21.30777	.2547923	.0076243	12.03367	10.46447	.0092793
#2	32.00154	21.28864	.2562974	.0076365	12.05246	10.57498	.0092030
#3	32.12768	21.36821	.2549753	.0083477	12.10323	10.44813	.0072292

Sample Name: J4752-11 Acquired: 9/13/2018 13:01:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GA8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.989785	.1922511	2.561055
Stddev	.009024	.0016439	.005799
%RSD	.4535157	.8551002	.2264298

#1	1.993481	.1906399	2.555075
#2	1.979499	.1921874	2.566655
#3	1.996374	.1939259	2.561434

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2212.089	2610.965	52864.93	5521.501	3221.898
Stddev	16.100	1.943	57.46	25.032	5.374
%RSD	.7278002	.0744291	.1086873	.4533619	.1667940

#1	2204.709	2610.524	52807.24	5550.080	3221.018
#2	2201.003	2613.091	52865.42	5503.464	3227.657
#3	2230.556	2609.280	52922.15	5510.958	3217.018

Sample Name: J4752-12 Acquired: 9/13/2018 13:05:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GA9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0600766	-.006147	.4190811	-.011048	.0064704	65.67626
Stddev	.0013993	.001070	.0025456	.000197	.0022590	.32001
%RSD	2.329229	17.40910	.6074346	1.780436	34.91195	.4872539

#1	.0614908	-.004961	.4213698	-.010925	.0049369	65.44179
#2	.0600464	-.007040	.4195340	-.011275	.0090645	65.54616
#3	.0586926	-.006441	.4163393	-.010943	.0054098	66.04083

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.534590	.0039760	.0162630	F 865.6210	.0812418	.0417951
Stddev	.005999	.0001409	.0001796	.3962	.0002905	.0001105
%RSD	.3909504	3.543839	1.104273	.0457737	.3575948	.2642567

#1	1.528164	.0039779	.0160917	865.5269	.0812779	.0417663
#2	1.535562	.0038341	.0162475	865.2803	.0815125	.0417019
#3	1.540044	.0041159	.0164499	866.0558	.0809349	.0419171

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8797214	105.5037	3.087104	119.0217	.0675835	.0046498
Stddev	.0038346	.5111	.009827	.2138	.0007753	.0001238
%RSD	.4358899	.4844517	.3183336	.1795939	1.147241	2.661855

#1	.8772524	105.9992	3.097755	119.2013	.0678493	.0045596
#2	.8777728	105.5336	3.085167	119.0785	.0681910	.0045989
#3	.8841390	104.9783	3.078389	118.7852	.0667102	.0047909

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.681678	.2231382	.9606200	26.67924	14.93071	.2827517
Stddev	.528337	.0069832	.0447990	.13247	.00413	.0021475
%RSD	19.70174	3.129541	4.663553	.4965289	.0276553	.7595167

#1	3.291708	.2279359	.9726862	26.68688	14.93547	.2850703
#2	2.370525	.2263519	.9110236	26.54311	14.92806	.2823542
#3	2.382800	.2151267	.9981501	26.80772	14.92862	.2808307

Sample Name: J4752-12 Acquired: 9/13/2018 13:05:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GA9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040883	12.21711	10.98473	.0056236	1.898607	.2087535
Stddev	.0003293	.03198	.06604	.0001992	.007171	.0011111
%RSD	8.054061	.2617560	.6012091	3.541970	.3777204	.5322630

#1	.0044631	12.25339	10.95128	.0057385	1.897649	.2075724
#2	.0038457	12.19303	10.94210	.0057387	1.891963	.2089101
#3	.0039560	12.20490	11.06080	.0053936	1.906210	.2097780

Elem	Sr4077
Units	ppm
Avg	3.339254
Stddev	.004325
%RSD	.1295150

#1	3.344174
#2	3.337534
#3	3.336054

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2171.970	2552.626	52116.61	5478.238	3184.670
Stddev	9.298	1.763	287.90	17.948	1.739
%RSD	.4281101	.0690553	.5524138	.3276259	.0545987

#1	2161.587	2551.949	51784.64	5459.914	3186.241
#2	2179.529	2554.627	52267.31	5495.785	3182.802
#3	2174.796	2551.303	52297.88	5479.015	3184.969

Sample Name: J4752-13 Acquired: 9/13/2018 13:09:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GB0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0923931	-.009047	1.001221	-.010701	.0090704	67.74634
Stddev	.0044627	.001317	.002418	.002848	.0019978	.35924
%RSD	4.830076	14.55958	.2415170	26.61653	22.02512	.5302727

#1	.0966322	-.009221	1.000108	-.010265	.0111034	67.48355
#2	.0928110	-.010269	.999559	-.008096	.0089979	68.15569
#3	.0877362	-.007652	1.003995	-.013742	.0071099	67.59978

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.609010	.0038219	.0324287	F 850.4285	.0842505	.0423655
Stddev	.000199	.0000184	.0001976	.7049	.0005138	.0005361
%RSD	.0123939	.4803923	.6092747	.0828859	.6098384	1.265457

#1	1.608832	.0038045	.0323837	849.6387	.0836775	.0425912
#2	1.608974	.0038411	.0322576	850.9936	.0846700	.0417534
#3	1.609226	.0038202	.0326449	850.6533	.0844041	.0427519

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.204923	109.7560	3.370376	116.7172	.0684404	.0077330
Stddev	.009613	.1710	.016735	.4202	.0001009	.0002641
%RSD	.7977699	.1558371	.4965334	.3600393	.1474544	3.414927

#1	1.195189	109.6032	3.351125	116.2483	.0685459	.0076169
#2	1.214409	109.9408	3.381452	116.8435	.0683448	.0080353
#3	1.205172	109.7240	3.378552	117.0598	.0684306	.0075469

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.094418	.2439415	1.336859	24.27901	10.58150	.2604637
Stddev	.229118	.0062547	.024117	.06158	.01430	.0004875
%RSD	7.404227	2.564006	1.804013	.2536235	.1351313	.1871670

#1	3.007698	.2407161	1.323464	24.21503	10.57687	.2607460
#2	3.354238	.2399580	1.364700	24.28415	10.57009	.2607443
#3	2.921319	.2511505	1.322412	24.33786	10.59754	.2599008

Sample Name: J4752-13 Acquired: 9/13/2018 13:09:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GB0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059390	11.07850	13.90261	.0045073	2.128660	.2141089
Stddev	.0005691	.00606	.10375	.0008472	.006659	.0005891
%RSD	9.581648	.0547117	.7462888	18.79676	.3128381	.2751393

#1	.0060447	11.07298	13.84782	.0036283	2.125021	.2136461
#2	.0053245	11.07754	14.02227	.0053187	2.136345	.2139086
#3	.0064479	11.08498	13.83773	.0045750	2.124613	.2147721

Elem	Sr4077
Units	ppm
Avg	3.488096
Stddev	.003997
%RSD	.1145864

#1	3.490915
#2	3.489851
#3	3.483522

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2134.459	2511.833	51198.92	5366.952	3155.573
Stddev	13.666	2.782	218.71	30.276	8.522
%RSD	.6402786	.1107754	.4271720	.5641278	.2700696

#1	2130.612	2508.690	51020.48	5382.853	3147.822
#2	2123.128	2512.828	51133.39	5332.038	3164.699
#3	2149.636	2513.981	51442.91	5385.965	3154.197

Sample Name: J4752-14 Acquired: 9/13/2018 13:13:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GB0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0949916	-.006593	1.025400	-.009295	.0067706	69.48863
Stddev	.0019320	.000825	.002713	.002997	.0003655	.14543
%RSD	2.033820	12.50905	.2645623	32.23851	5.397813	.2092928

#1	.0931643	-.006045	1.026399	-.005947	.0065134	69.49275
#2	.0970135	-.006192	1.022330	-.010213	.0066095	69.34118
#3	.0947969	-.007541	1.027472	-.011725	.0071890	69.63196

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.591019	.0038218	.0333238	F 856.9339	.0856076	.0430718
Stddev	.001327	.0000306	.0001235	2.5931	.0005554	.0003056
%RSD	.0834020	.7999209	.3706786	.3026071	.6487893	.7094396

#1	1.589745	.0037876	.0334643	856.0869	.0851647	.0428173
#2	1.592393	.0038466	.0332324	859.8446	.0862307	.0429876
#3	1.590919	.0038311	.0332747	854.8701	.0854273	.0434107

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.237707	109.8509	3.330559	116.9897	.0696254	.0078464
Stddev	.011981	.1309	.011647	.3723	.0004717	.0005174
%RSD	.9679604	.1191601	.3497091	.3182463	.6775101	6.594664

#1	1.235238	109.7004	3.319589	116.8895	.0693924	.0074154
#2	1.227153	109.9385	3.342783	117.4018	.0693155	.0084202
#3	1.250729	109.9138	3.329305	116.6777	.0701683	.0077035

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.745903	.2543359	1.378097	24.86176	10.77482	.2606202
Stddev	.250504	.0071417	.031893	.15985	.02501	.0018232
%RSD	9.122828	2.807974	2.314243	.6429476	.2320689	.6995543

#1	2.496957	.2504305	1.414088	24.69740	10.74730	.2611116
#2	2.742817	.2625786	1.366855	25.01668	10.79615	.2586017
#3	2.997936	.2499986	1.353348	24.87121	10.78100	.2621473

Sample Name: J4752-14 Acquired: 9/13/2018 13:13:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GB0D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056559	11.14907	11.79977	.0072030	2.146967	.2157737
Stddev	.0001491	.03339	.09438	.0004001	.001818	.0008603
%RSD	2.636488	.2994593	.7998503	5.554867	.0846574	.3987206

#1	.0058206	11.11395	11.69289	.0076533	2.148721	.2154874
#2	.0055300	11.18040	11.83478	.0070670	2.145092	.2150930
#3	.0056172	11.15286	11.87165	.0068886	2.147087	.2167407

Elem	Sr4077
Units	ppm
Avg	3.504439
Stddev	.006497
%RSD	.1854049

#1	3.497272
#2	3.509944
#3	3.506101

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2126.083	2505.858	50971.81	5374.934	3147.788
Stddev	16.553	3.993	286.93	25.864	6.447
%RSD	.7785539	.1593621	.5629218	.4811920	.2048252

#1	2107.107	2501.829	50663.06	5392.461	3142.950
#2	2133.586	2505.929	51022.11	5345.230	3145.307
#3	2137.555	2509.815	51230.27	5387.113	3155.108

Sample Name: J4752-15 Acquired: 9/13/2018 13:17:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GB0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1520414	.0753597	1.032891	.0665529	.1796310	71.07181
Stddev	.0058918	.0025943	.002416	.0022517	.0012596	.36103
%RSD	3.875151	3.442496	.2339456	3.383254	.7011934	.5079767

#1	.1475640	.0781590	1.032494	.0639731	.1785286	71.14784
#2	.1498441	.0748835	1.035481	.0681224	.1810038	70.67882
#3	.1587162	.0730365	1.030697	.0675633	.1793605	71.38877

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.144631	.0835557	.1196031	F 838.9622	.4371842	.9498467
Stddev	.012805	.0002484	.0002822	.9127	.0011855	.0015384
%RSD	.2489020	.2973510	.2359627	.1087853	.2711643	.1619611

#1	5.159230	.0836683	.1193312	839.3297	.4382766	.9488528
#2	5.135301	.0832709	.1195833	837.9231	.4373523	.9490686
#3	5.139361	.0837279	.1198946	839.6339	.4359236	.9516187

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.651283	110.3169	4.146580	115.5138	.9913982	.0891426
Stddev	.005620	.1244	.001404	.1738	.0007651	.0003403
%RSD	.3403132	.1127722	.0338653	.1504782	.0771776	.3816945

#1	1.649040	110.1755	4.146494	115.3151	.9905289	.0890684
#2	1.647131	110.4094	4.145221	115.6378	.9916961	.0888456
#3	1.657678	110.3659	4.148025	115.5885	.9919696	.0895138

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.876634	1.166015	2.219877	24.17422	10.51490	.2580181
Stddev	.164967	.000704	.016164	.09445	.03498	.0008851
%RSD	5.734728	.0604189	.7281518	.3907141	.3326668	.3430447

#1	2.703300	1.166614	2.212782	24.23273	10.48173	.2570581
#2	3.031716	1.165239	2.208474	24.06526	10.51154	.2588018
#3	2.894887	1.166193	2.238376	24.22467	10.55144	.2581944

Sample Name: J4752-15 Acquired: 9/13/2018 13:17:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GB0S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057392	10.93417	12.77932	.0053118	2.105243	.2132984
Stddev	.0002131	.01856	.02197	.0019305	.014555	.0013558
%RSD	3.712855	.1697782	.1719459	36.34414	.6913777	.6356420

#1	.0057919	10.95561	12.77841	.0053850	2.109875	.2140078
#2	.0055047	10.92323	12.75782	.0072046	2.088936	.2117351
#3	.0059210	10.92368	12.80174	.0033457	2.116919	.2141523

Elem	Sr4077
Units	ppm
Avg	3.441254
Stddev	.012295
%RSD	.3572839

#1	3.438557
#2	3.430531
#3	3.454674

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2113.245	2499.390	50970.50	5334.843	3152.561
Stddev	6.807	5.476	77.95	13.213	3.488
%RSD	.3221161	.2190761	.1529277	.2476654	.1106299

#1	2109.441	2495.455	50883.35	5329.718	3153.470
#2	2109.191	2505.644	50994.58	5349.850	3155.503
#3	2121.104	2497.072	51033.57	5324.960	3148.708

Sample Name: J4752-13LX5 Acquired: 9/13/2018 13:21:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GB0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0231957	-.001542	.2111088	-.000760	.0013045	13.26227	.3150935
Stddev	.0008279	.002931	.0355108	.002197	.0014153	.07424	.0005539
%RSD	3.569330	190.0683	16.82111	289.2745	108.4975	.5597725	.1757795

#1	.0228688	.001512	.1912510	.000781	-.000257	13.30861	.3150119
#2	.0225812	-.001805	.1899688	.000217	.001668	13.17665	.3145849
#3	.0241372	-.004333	.2521065	-.003276	.002503	13.30156	.3156836

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007638	.0069713	168.2187	.0184876	.0076352	.2431578	22.36254
Stddev	.0000443	.0013311	.4898	.0001357	.0017992	.0079165	.09398
%RSD	5.799302	19.09441	.2911881	.7338327	23.56415	3.255706	.4202493

#1	.0007251	.0062182	167.7958	.0186127	.0068541	.2356274	22.28434
#2	.0008121	.0061874	168.1049	.0185067	.0063587	.2424350	22.33647
#3	.0007542	.0085082	168.7555	.0183434	.0096930	.2514109	22.46680

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6811432	23.13791	.0141093	.0023567	.0745408	.0539385	.2750507
Stddev	.0018419	.27360	.0018506	.0003346	.4022272	.0084489	.0113554
%RSD	.2704078	1.182489	13.11616	14.19593	539.6067	15.66387	4.128458

#1	.6796542	22.93591	.0128630	.0021141	.3248852	.0550766	.2758858
#2	.6805726	23.02853	.0132290	.0027384	-.389427	.0617606	.2859654
#3	.6832029	23.44928	.0162357	.0022177	.288164	.0449782	.2633008

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.391284	2.099667	.0451981	.0012389	2.150202	2.601093	-.003539
Stddev	.057875	.348393	.0015899	.0004398	.353582	.022353	.000663
%RSD	1.317954	16.59279	3.517673	35.49870	16.44414	.8593759	18.73448

#1	4.439319	1.898902	.0442446	.0010816	1.950379	2.583075	-.003056
#2	4.327030	1.898142	.0443161	.0008995	1.941774	2.594095	-.003267
#3	4.407504	2.501957	.0470335	.0017358	2.558453	2.626107	-.004295

Sample Name: J4752-13LX5 Acquired: 9/13/2018 13:21:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GB0L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4242320	.0366336	.6864367
Stddev	.0086681	.0004971	.0023014
%RSD	2.043253	1.356964	.3352612

#1	.4293919	.0365630	.6861751
#2	.4142245	.0371622	.6842773
#3	.4290796	.0361756	.6888576

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2127.531	2353.138	49651.09	5113.433	3297.930
Stddev	5.409	298.475	107.09	29.215	431.670
%RSD	.2542230	12.68414	.2156773	.5713415	13.08913

#1	2126.172	2523.717	49565.81	5131.958	3544.671
#2	2122.932	2527.203	49616.20	5128.587	3549.632
#3	2133.490	2008.494	49771.27	5079.755	2799.488

Sample Name: J4752-16 Acquired: 9/13/2018 13:25:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GB1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1144275	-.006953	.9065463	-.010206	.0105751	75.09942	1.601427
Stddev	.0016444	.003014	.0028602	.003974	.0012114	.14610	.003212
%RSD	1.437090	43.34425	.3155017	38.93461	11.45493	.1945442	.2005673

#1	.1147667	-.005929	.9042259	-.006160	.0094587	75.03919	1.599497
#2	.1158758	-.004585	.9056713	-.014104	.0104034	74.99305	1.599649
#3	.1126399	-.010345	.9097418	-.010354	.0118631	75.26600	1.605135

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059983	.0310025	361.1481	.0854586	.0472020	1.160328	105.8537
Stddev	.0000826	.0000752	.9994	.0009864	.0002788	.001369	.4232
%RSD	1.376685	.2425530	.2767191	1.154195	.5906385	.1179521	.3997816

#1	.0059085	.0309163	360.4510	.0859634	.0469259	1.161614	105.4339
#2	.0060710	.0310361	360.7003	.0860905	.0474834	1.160481	105.8472
#3	.0060155	.0310550	362.2931	.0843221	.0471968	1.158890	106.2802

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.828826	79.68298	.0801421	.0081296	1.350556	.1840349	1.448756
Stddev	.010964	.51912	.0001584	.0002544	.158043	.0050339	.037830
%RSD	.2863604	.6514878	.1975920	3.128963	11.70205	2.735305	2.611206

#1	3.816745	79.22691	.0802641	.0082392	1.446621	.1898384	1.405207
#2	3.831590	79.57413	.0799631	.0078388	1.168151	.1808510	1.473488
#3	3.838145	80.24790	.0801990	.0083108	1.436897	.1814153	1.467572

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.25613	15.13090	.1945382	.0045108	9.894475	15.89427	.0095723
Stddev	.09246	.04957	.0033420	.0002533	.013299	.06693	.0013164
%RSD	.3811858	.3276401	1.717897	5.614387	.1344119	.4210756	13.75239

#1	24.15451	15.11016	.1907852	.0043460	9.901065	15.87073	.0081305
#2	24.27859	15.09506	.1956369	.0043839	9.879168	15.84230	.0098762
#3	24.33529	15.18747	.1971925	.0048024	9.903193	15.96979	.0107102

Sample Name: J4752-16 Acquired: 9/13/2018 13:25:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GB1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.550271	.1496457	1.105082
Stddev	.005574	.0001355	.002776
%RSD	.3595647	.0905465	.2511664

#1	1.546854	.1496254	1.102342
#2	1.547256	.1497901	1.105012
#3	1.556703	.1495214	1.107892

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2343.765	2759.220	56028.17	5870.371	3397.973
Stddev	12.303	9.678	69.06	24.153	6.736
%RSD	.5249069	.3507573	.1232627	.4114344	.1982323

#1	2341.713	2767.978	56107.71	5863.210	3405.133
#2	2332.618	2760.851	55993.36	5897.295	3397.025
#3	2356.965	2748.829	55983.44	5850.609	3391.762

Sample Name: J4752-17 Acquired: 9/13/2018 13:29:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GB2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1663511	-.005512	.7712514	-.009752	.0122156	76.20441	1.989248
Stddev	.0021244	.005978	.0017750	.000493	.0018320	.21536	.002515
%RSD	1.277064	108.4368	.2301482	5.059240	14.99733	.2826129	.1264133

#1	.1654004	-.004162	.7701189	-.010219	.0143291	76.20850	1.988110
#2	.1648680	-.012050	.7703381	-.009802	.0110809	76.41770	1.992130
#3	.1687848	-.000326	.7732971	-.009236	.0112367	75.98703	1.987503

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059171	.0335816	696.2107	.0749484	.0444689	1.003293	99.10531
Stddev	.0000649	.0000511	.8644	.0004599	.0006480	.007657	.27673
%RSD	1.096258	.1520976	.1241594	.6136243	1.457133	.7632036	.2792267

#1	.0058757	.0335623	696.9103	.0753605	.0444608	1.001846	99.15728
#2	.0059918	.0335429	696.4774	.0750324	.0438250	1.011571	99.35237
#3	.0058836	.0336395	695.2443	.0744523	.0451209	.996463	98.80628

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.037666	115.1232	.0812929	.0152403	2.178345	.1698939	1.073957
Stddev	.007308	.1090	.0004233	.0002327	.136483	.0023571	.031401
%RSD	.1810005	.0946757	.5206819	1.526666	6.265441	1.387414	2.923832

#1	4.045462	115.1474	.0809005	.0151238	2.142429	.1695848	1.049782
#2	4.036566	115.2180	.0812367	.0155082	2.063411	.1677066	1.062643
#3	4.030971	115.0041	.0817414	.0150888	2.329194	.1723903	1.109447

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.66922	9.966666	.1880962	.0039257	10.72329	8.164954	.0075162
Stddev	.09536	.018202	.0010070	.0003960	.01002	.030831	.0017828
%RSD	.4613466	.1826281	.5353829	10.08771	.0934798	.3776031	23.71865

#1	20.71367	9.949459	.1872518	.0040182	10.71871	8.176835	.0073510
#2	20.73423	9.985721	.1892108	.0042673	10.71637	8.188077	.0093759
#3	20.55975	9.964817	.1878260	.0034916	10.73478	8.129950	.0058219

Sample Name: J4752-17 Acquired: 9/13/2018 13:29:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GB2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.158100	.2031185	1.923124
Stddev	.004484	.0010335	.003748
%RSD	.3872134	.5088045	.1949078

#1	1.163114	.2035218	1.924429
#2	1.156715	.2019442	1.926046
#3	1.154472	.2038895	1.918898

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2261.217	2667.714	54419.08	5684.748	3216.954
Stddev	12.878	4.499	70.19	42.691	7.984
%RSD	.5694975	.1686611	.1289894	.7509772	.2481767

#1	2275.940	2667.950	54386.20	5638.678	3214.065
#2	2255.666	2672.090	54371.36	5692.593	3225.980
#3	2252.047	2663.101	54499.68	5722.973	3210.817

Sample Name: J4752-18 Acquired: 9/13/2018 13:33:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GB3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1276771	-.007075	.6117492	-.005869	.0074973	63.60002	1.635414
Stddev	.0052658	.002554	.0032006	.003227	.0007780	.05312	.001892
%RSD	4.124299	36.09653	.5231906	54.97861	10.37680	.0835298	.1156744

#1	.1216029	-.004340	.6131809	-.005005	.0080949	63.57218	1.633244
#2	.1309518	-.009397	.6139839	-.003162	.0066176	63.56660	1.636711
#3	.1304766	-.007487	.6080826	-.009440	.0077795	63.66127	1.636288

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052922	.0246948	573.0411	.0668049	.0388163	.7174895	86.63167
Stddev	.0000384	.0000990	1.4793	.0003967	.0003050	.0056922	.37427
%RSD	.7259014	.4009205	.2581409	.5938437	.7858146	.7933558	.4320284

#1	.0053050	.0245841	571.3338	.0663563	.0385069	.7209457	86.38428
#2	.0052490	.0247748	573.9409	.0671095	.0391168	.7109196	87.06225
#3	.0053225	.0247256	573.8486	.0669489	.0388254	.7206031	86.44848

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.309316	105.6604	.0677497	.0066121	1.455135	.1542964	.8744555
Stddev	.015630	.2205	.0001497	.0002645	.291552	.0118895	.0291547
%RSD	.4722981	.2087066	.2209463	3.999411	20.03606	7.705621	3.334034

#1	3.302070	105.4331	.0675940	.0065982	1.161368	.1674122	.8922394
#2	3.327253	105.8734	.0677627	.0063550	1.459618	.1512514	.8903183
#3	3.298624	105.6747	.0678925	.0068833	1.744420	.1442255	.8408089

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.91150	8.179841	.1587691	.0028382	7.968122	5.647398	.0036451
Stddev	.10563	.009119	.0007865	.0003810	.026322	.009349	.0014453
%RSD	.6245854	.1114786	.4953917	13.42452	.3303415	.1655404	39.64924

#1	16.99355	8.169341	.1579687	.0025538	7.940861	5.639073	.0021699
#2	16.79232	8.184415	.1587975	.0032711	7.993392	5.645609	.0037069
#3	16.94863	8.185768	.1595410	.0026898	7.970114	5.657512	.0050585

Sample Name: J4752-18 Acquired: 9/13/2018 13:33:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GB3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9659821	.1766263	1.637587
Stddev	.0023483	.0005710	.001128
%RSD	.2430976	.3232968	.0688798

#1	.9681101	.1772709	1.637347
#2	.9663736	.1761839	1.638816
#3	.9634627	.1764240	1.636598

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2261.170	2664.061	53580.83	5612.995	3268.563
Stddev	6.865	6.423	49.27	5.301	2.433
%RSD	.3035977	.2410814	.0919520	.0944381	.0744358

#1	2253.342	2657.024	53524.49	5606.969	3266.667
#2	2264.000	2665.550	53602.13	5615.080	3267.716
#3	2266.167	2669.607	53615.86	5616.936	3271.307

Sample Name: J4752-19 Acquired: 9/13/2018 13:37:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GB4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1946820	-.005934	.8018145	-.015123	.0097624	90.61539	1.718620
Stddev	.0032781	.002689	.0030014	.001728	.0024637	.23646	.005279
%RSD	1.683840	45.31450	.3743272	11.42344	25.23676	.2609542	.3071546

#1	.1981962	-.003976	.8009315	-.015200	.0120719	90.34272	1.714201
#2	.1917067	-.004825	.7993536	-.013358	.0100463	90.76412	1.717194
#3	.1941430	-.009000	.8051584	-.016811	.0071690	90.73932	1.724466

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079460	.0260376	323.5155	.0986925	.0587393	.7062958	131.8394
Stddev	.0000594	.0002115	.1946	.0003185	.0002450	.0013340	.4216
%RSD	.7477678	.8122893	.0601401	.3226883	.4171521	.1888722	.3198208

#1	.0080131	.0258176	323.3110	.0987628	.0584721	.7078109	132.1380
#2	.0079249	.0260557	323.6983	.0983447	.0587924	.7052978	131.3570
#3	.0079000	.0262395	323.5371	.0989699	.0589534	.7057785	132.0231

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.125421	86.99818	.0976666	.0063958	1.081899	.2464093	1.534524
Stddev	.012682	.33028	.0007767	.0005212	.285953	.0017243	.038923
%RSD	.2474298	.3796384	.7952645	8.149666	26.43068	.6997505	2.536474

#1	5.122513	87.10514	.0972207	.0067331	1.094970	.2471983	1.498718
#2	5.114447	86.62768	.0972155	.0057955	.789634	.2475980	1.575952
#3	5.139305	87.26173	.0985634	.0066588	1.361093	.2444318	1.528904

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.48294	14.44807	.2101756	.0038076	9.859430	5.064165	.0058349
Stddev	.21852	.02923	.0015068	.0002829	.012237	.007799	.0007898
%RSD	.7951018	.2023044	.7169405	7.430523	.1241105	.1540061	13.53532

#1	27.24065	14.41433	.2098383	.0035947	9.861051	5.060348	.0060909
#2	27.54306	14.46561	.2088660	.0041286	9.846464	5.073137	.0064649
#3	27.66510	14.46427	.2118225	.0036994	9.870775	5.059009	.0049489

Sample Name: J4752-19 Acquired: 9/13/2018 13:37:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GB4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.373216	.1761395	1.010048
Stddev	.005617	.0007808	.001861
%RSD	.4090583	.4432944	.1842054

#1	1.367876	.1753297	1.010761
#2	1.379074	.1768877	1.007937
#3	1.372699	.1762011	1.011447

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2405.421	2868.364	57192.06	6057.785	3333.981
Stddev	9.700	5.537	111.49	20.329	4.947
%RSD	.4032442	.1930213	.1949433	.3355845	.1483953

#1	2409.104	2863.773	57263.24	6066.065	3328.626
#2	2394.419	2866.806	57063.57	6034.622	3334.937
#3	2412.739	2874.512	57249.38	6072.667	3338.382

Sample Name: J4752-20 Acquired: 9/13/2018 13:41:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GE8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1404951	-.006436	1.620244	-.007821	.0174594	85.00642	1.784696
Stddev	.0028323	.002752	.005517	.002730	.0025363	.40551	.007077
%RSD	2.015922	42.75987	.3405160	34.90647	14.52708	.4770374	.3965149

#1	.1427952	-.008852	1.618256	-.004691	.0165560	84.92085	1.783768
#2	.1373316	-.003441	1.615995	-.009710	.0203237	85.44788	1.792191
#3	.1413583	-.007015	1.626479	-.009063	.0154984	84.65051	1.778129

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064332	.0835830	733.2471	.0885977	.0555461	3.847370	119.7048
Stddev	.0001070	.0002437	2.5334	.0002678	.0002903	.017770	.2955
%RSD	1.663347	.2916248	.3455078	.3022401	.5226637	.4618655	.2468266

#1	.0065160	.0833032	732.9003	.0889002	.0552768	3.857360	119.9282
#2	.0064712	.0837494	735.9360	.0883911	.0558537	3.857896	119.3698
#3	.0063123	.0836963	730.9049	.0885017	.0555078	3.826853	119.8165

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.164453	134.6940	.1002785	.0210747	1.813489	.1659512	2.384178
Stddev	.010781	.0978	.0007814	.0004513	.183782	.0044188	.041177
%RSD	.2588701	.0726262	.7792469	2.141536	10.13419	2.662686	1.727094

#1	4.175984	134.6794	.0994040	.0206860	1.968507	.1652719	2.350241
#2	4.154626	134.7983	.1009082	.0209684	1.861491	.1706703	2.429987
#3	4.162748	134.6043	.1005232	.0215696	1.610469	.1619115	2.372307

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.15164	12.93815	.2495423	.0065206	9.233895	6.088719	.0185744
Stddev	.07948	.03165	.0034383	.0004676	.021530	.062489	.0014661
%RSD	.3039303	.2446027	1.377833	7.170699	.2331628	1.026309	7.893192

#1	26.06693	12.92220	.2521336	.0069558	9.226618	6.122175	.0202585
#2	26.22459	12.91766	.2508516	.0065796	9.216947	6.127357	.0175833
#3	26.16339	12.97460	.2456417	.0060263	9.258121	6.016624	.0178813

Sample Name: J4752-20 Acquired: 9/13/2018 13:41:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GE8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.301553	.2661399	1.950224
Stddev	.005900	.0016981	.004582
%RSD	.4533135	.6380509	.2349255

#1	1.299834	.2653786	1.945507
#2	1.308121	.2680855	1.950509
#3	1.296703	.2649557	1.954656

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2250.415	2653.170	53656.07	5678.354	3130.614
Stddev	17.608	4.577	144.93	28.402	4.850
%RSD	.7824243	.1724948	.2701031	.5001826	.1549350

#1	2253.816	2654.156	53533.72	5656.366	3132.134
#2	2231.355	2648.181	53618.36	5668.275	3134.523
#3	2266.074	2657.174	53816.12	5710.421	3125.186

Sample Name: J4752-21 Acquired: 9/13/2018 13:45:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GE9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1247302	-.004539	1.303413	-.008323	.0131901	69.97750	1.615930
Stddev	.0052063	.001881	.002052	.002394	.0003208	.28857	.001830
%RSD	4.174047	41.44224	.1574260	28.76305	2.431785	.4123734	.1132225

#1	.1286420	-.006128	1.305524	-.008646	.0128648	69.65194	1.615375
#2	.1188210	-.002462	1.303289	-.010539	.0131995	70.20179	1.617972
#3	.1267276	-.005028	1.301426	-.005784	.0135061	70.07876	1.614441

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056341	.0607240	658.2772	.0649319	.0432578	3.252698	105.5956
Stddev	.0000635	.0000770	1.9400	.0002370	.0003268	.010426	.6468
%RSD	1.126667	.1267231	.2947125	.3649157	.7554392	.3205457	.6124839

#1	.0056718	.0606402	660.0008	.0650287	.0435400	3.243634	106.2987
#2	.0056696	.0607914	658.6548	.0646619	.0428998	3.264093	105.4622
#3	.0055608	.0607405	656.1762	.0651050	.0433335	3.250368	105.0260

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.373639	119.3872	.0787139	.0167152	1.743714	.1607841	1.682626
Stddev	.021573	.9040	.0003692	.0001796	.214395	.0124171	.018143
%RSD	.6394649	.7572373	.4690178	1.074542	12.29532	7.722808	1.078274

#1	3.396815	120.4291	.0782883	.0165370	1.987062	.1527352	1.665697
#2	3.369959	118.9228	.0789050	.0168962	1.582647	.1750845	1.680402
#3	3.354142	118.8098	.0789483	.0167123	1.661434	.1545325	1.701779

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.28551	11.64170	.2323696	.0066324	9.082409	17.51841	.0164696
Stddev	.09588	.03999	.0032852	.0001047	.047312	.14425	.0016104
%RSD	.4726689	.3435031	1.413791	1.578570	.5209172	.8234268	9.778175

#1	20.17962	11.66012	.2361602	.0065866	9.099956	17.53638	.0157996
#2	20.31046	11.59582	.2306019	.0067522	9.028830	17.36601	.0183069
#3	20.36645	11.66915	.2303467	.0065585	9.118441	17.65283	.0153024

Sample Name: J4752-21 Acquired: 9/13/2018 13:45:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GE9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.383253	.2324494	1.885758
Stddev	.001204	.0003119	.008409
%RSD	.0870715	.1341974	.4459128

#1	1.384633	.2327639	1.894744
#2	1.382415	.2324444	1.884448
#3	1.382711	.2321401	1.878080

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2276.954	2680.235	53982.69	5712.105	3200.211
Stddev	8.185	8.252	99.09	27.600	5.029
%RSD	.3594597	.3078864	.1835644	.4831824	.1571422

#1	2268.206	2676.823	53868.27	5703.058	3200.841
#2	2284.426	2689.646	54040.43	5743.093	3204.895
#3	2278.229	2674.236	54039.37	5690.164	3194.896

Sample Name: J4752-22 Acquired: 9/13/2018 13:49:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GG8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1780701	-.006620	.8334748	-.009829	.0119004	85.22606	2.023091
Stddev	.0026704	.000684	.0043539	.003619	.0014814	.23716	.004772
%RSD	1.499659	10.33152	.5223738	36.81942	12.44790	.2782695	.2358670

#1	.1806047	-.006171	.8287250	-.013732	.0113651	84.98916	2.027985
#2	.1783238	-.006282	.8344229	-.009170	.0135751	85.22554	2.018451
#3	.1752819	-.007407	.8372765	-.006585	.0107612	85.46348	2.022836

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065850	.0344812	678.9753	.0846782	.0493985	1.053303	111.6181
Stddev	.0001346	.0001049	1.3819	.0005735	.0002093	.007455	.1559
%RSD	2.044051	.3043404	.2035336	.6772323	.4236375	.7077427	.1396781

#1	.0067332	.0343893	680.5649	.0849291	.0495037	1.045276	111.6207
#2	.0064704	.0344588	678.3009	.0850835	.0491575	1.060009	111.7727
#3	.0065515	.0345956	678.0600	.0840221	.0495344	1.054624	111.4609

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.296933	116.5682	.0897907	.0089437	1.849510	.1964737	1.159309
Stddev	.019793	.2370	.0009340	.0000936	.178963	.0034014	.004377
%RSD	.4606349	.2032754	1.040202	1.046790	9.676224	1.731200	.3775664

#1	4.316501	116.7653	.0900769	.0089757	2.055733	.1926117	1.158625
#2	4.297376	116.6340	.0887471	.0090172	1.734924	.1977859	1.163987
#3	4.276922	116.3053	.0905482	.0088383	1.757873	.1990234	1.155313

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.41614	10.44091	.2067608	.0040084	11.07099	6.645539	.0085018
Stddev	.13199	.04798	.0009531	.0005412	.06498	.082559	.0012815
%RSD	.5887972	.4595723	.4609792	13.50241	.5869562	1.242317	15.07290

#1	22.27490	10.43104	.2056615	.0045187	11.03266	6.740478	.0089803
#2	22.53634	10.39863	.2072634	.0040658	11.03429	6.590591	.0094751
#3	22.43719	10.49307	.2073574	.0034408	11.14602	6.605548	.0070499

Sample Name: J4752-22 Acquired: 9/13/2018 13:49:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GG8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.335642	.2123517	1.868329
Stddev	.000359	.0016491	.005786
%RSD	.0268972	.7765970	.3096819

#1	1.335922	.2122951	1.871744
#2	1.335767	.2140284	1.871594
#3	1.335237	.2107316	1.861649

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2273.488	2673.671	54055.44	5654.413	3191.913
Stddev	3.712	9.704	72.62	1.623	8.120
%RSD	.1632609	.3629488	.1343453	.0286985	.2544014

#1	2269.492	2662.477	54123.13	5652.621	3183.700
#2	2276.828	2679.714	53978.73	5655.783	3199.937
#3	2274.143	2678.821	54064.46	5654.835	3192.101

Sample Name: J4766-01A Acquired: 9/13/2018 13:53:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AE3A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008680	.0011083	.0096348	.0721848	.0029708	.1293797	.2329957
Stddev	.003081	.0006704	.0009600	.0012814	.0013690	.0132496	.0015924
%RSD	35.49836	60.49381	9.963317	1.775211	46.08122	10.24082	.6834362

#1	-.006234	.0010175	.0107420	.0736478	.0041101	.1151965	.2344503
#2	-.012141	.0018195	.0091262	.0712617	.0033500	.1414389	.2332424
#3	-.007665	.0004879	.0090361	.0716448	.0014521	.1315038	.2312944

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013643	-.000561	80.71388	-.012961	.0163645	-.014241	154.0552
Stddev	.0000226	.000064	.28648	.000326	.0003251	.004596	.4049
%RSD	1.656055	11.38266	.3549388	2.518241	1.986893	32.27327	.2628146

#1	.0013901	-.000613	80.91175	-.012617	.0167112	-.009049	154.0735
#2	.0013483	-.000581	80.84453	-.012999	.0160664	-.017791	154.4507
#3	.0013545	-.000490	80.38536	-.013266	.0163159	-.015881	153.6415

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4319988	40.03915	.0185285	.0001344	87.91473	.0074725	.0123342
Stddev	.0030794	.36971	.0003297	.0004265	.52850	.0035915	.0161426
%RSD	.7128354	.9233614	1.779547	317.4375	.6011532	48.06277	130.8774

#1	.4306339	39.99503	.0181874	-.000358	88.45579	.0097636	.0172079
#2	.4298377	40.42893	.0185525	.000392	87.39975	.0033333	-.005684
#3	.4355248	39.69348	.0188455	.000369	87.88866	.0093207	.025478

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.652298	.1867858	1.120968	.0004140	25.86860	8.166768	-.005005
Stddev	.056779	.0019831	.010885	.0003299	.09183	.097879	.000223
%RSD	1.554597	1.061718	.9710062	79.68043	.3549982	1.198499	4.449805

#1	3.648656	.1868614	1.122637	.0007917	25.95987	8.198296	-.004789
#2	3.710810	.1847660	1.130922	.0002682	25.86971	8.244997	-.004991
#3	3.597428	.1887301	1.109346	.0001821	25.77622	8.057011	-.005234

Sample Name: J4766-01A Acquired: 9/13/2018 13:53:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AE3A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0019187	.0056438	.2111850
Stddev	.0029744	.0009110	.0006578
%RSD	155.0222	16.14070	.3114607

#1	.0053489	.0046379	.2112066
#2	.0000534	.0064131	.2105167
#3	.0003538	.0058805	.2118317

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2229.763	2625.168	51157.00	5207.574	3711.512
Stddev	14.643	7.149	286.49	31.014	9.349
%RSD	.6566994	.2723251	.5600167	.5955490	.2518997

#1	2216.089	2630.548	50983.63	5191.172	3718.740
#2	2245.212	2627.900	51487.68	5188.206	3714.842
#3	2227.988	2617.056	50999.70	5243.345	3700.954

Sample Name: CCV018 Acquired: 9/13/2018 13:57:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.825095	4.744335	24.28376	4.725069	4.917927	414.5842
Stddev	.009857	.007579	.06315	.006196	.012606	1.1228
%RSD	.2042792	.1597424	.2600591	.1311248	.2563368	.2708362

#1	4.818114	4.735653	24.26040	4.730191	4.904664	413.5109
#2	4.820801	4.747723	24.23562	4.718183	4.919363	415.7507
#3	4.836370	4.749629	24.35527	4.726833	4.929754	414.4909

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.810617	.4641201	2.396320	398.0205	14.99438	2.425251
Stddev	.013201	.0075875	.003664	1.1375	.01319	.002262
%RSD	.1345555	1.634819	.1529072	.2857802	.0879516	.0932821

#1	9.795785	.4560088	2.392895	396.7276	14.98302	2.423829
#2	9.821078	.4710437	2.395883	398.8671	15.00884	2.424064
#3	9.814987	.4653077	2.400184	398.4668	14.99128	2.427860

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.85915	408.2621	14.39226	393.4634	2.456043	1.210139
Stddev	.03009	1.9474	.04349	1.5667	.004862	.008806
%RSD	.2025101	.4769991	.3021954	.3981905	.1979606	.7276867

#1	14.82668	406.0359	14.34397	391.6547	2.453620	1.204682
#2	14.88610	409.6500	14.40444	394.3336	2.452869	1.220298
#3	14.86467	409.1003	14.42836	394.4019	2.461640	1.205437

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	412.2672	2.511313	15.14242	152.8320	F 5.530565	4.918603
Stddev	1.8598	.013090	.21134	.7212	.008250	.050317
%RSD	.4511084	.5212521	1.395652	.4718927	.1491705	1.023000

#1	410.1907	2.520550	15.37889	152.0047	5.521888	4.861240
#2	413.7795	2.517056	15.07637	153.3285	5.531499	4.955281
#3	412.8314	2.496333	14.97200	153.1628	5.538308	4.939287

Sample Name: CCV018 Acquired: 9/13/2018 13:57:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV018 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.774918	5.059906	4.641096	4.900080	4.996187	4.994048
Stddev	.006512	.007023	.058396	.011786	.025486	.024660
%RSD	.1363823	.1387998	1.258235	.2405339	.5101128	.4937934

#1	4.767683	5.066771	4.575530	4.896352	4.976184	4.966085
#2	4.776763	5.052735	4.687512	4.890608	5.024882	5.012686
#3	4.780309	5.060211	4.660247	4.913279	4.987495	5.003373

Elem	Sr4077
Units	ppm
Avg	4.914818
Stddev	.036915
%RSD	.7510969

#1	4.872292
#2	4.938605
#3	4.933557

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1886.153	2189.243	46241.87	4891.898	2930.229
Stddev	10.137	.790	256.46	44.936	2.781
%RSD	.5374315	.0360973	.5545967	.9185771	.0949142

#1	1890.450	2189.999	46346.55	4943.526	2928.625
#2	1874.576	2188.422	45949.63	4861.598	2933.441
#3	1893.434	2189.307	46429.43	4870.568	2928.621

Sample Name: CCB018 Acquired: 9/13/2018 14:01:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013234	-.002384	.0006177	.0012076	-.000199	-.000888	.0002091
Stddev	.0023656	.001707	.0013286	.0039291	.000622	.000752	.0006041
%RSD	178.7544	71.59767	215.0995	325.3509	312.2528	84.66685	288.9391

#1	.0022238	-.000917	-.000144	-.001527	-.000471	-.001618	.0002162
#2	-.001360	-.001977	.002152	.005710	.000512	-.000931	-.000399
#3	.003106	-.004257	-.000155	-.000560	-.000639	-.000116	.000810

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000030	.0000331	.0048014	.0003808	.0001372	.0008231	.0024588
Stddev	.000067	.0000268	.0052717	.0004869	.0001739	.0025713	.0123356
%RSD	225.9153	80.96028	109.7947	127.8571	126.7167	312.4100	501.6902

#1	-.000105	.0000587	-.001176	.0003364	.0003370	.0026872	-.005468
#2	.000024	.0000354	.008787	.0008884	.0000201	.0018924	.016671
#3	-.000008	.0000052	.006794	-.000082	.0000545	-.002110	-.003827

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011198	-.029642	-.000128	.0009366	-.594940	.0039817	.0119012
Stddev	.0014227	.072715	.000316	.0001155	.140675	.0011192	.0108048
%RSD	127.0496	245.3080	245.7662	12.33068	23.64524	28.10912	90.78757

#1	.0023363	.052467	-.000085	.0009727	-.513214	.0049580	.0196768
#2	.0014676	-.055499	.000163	.0008073	-.514230	.0042271	.0164631
#3	-.000445	-.085896	-.000463	.0010297	-.757377	.0027602	-.000436

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.086043	-.008145	.0010049	.0001774	.0109797	-.002671	-.001193
Stddev	.009544	.002051	.0006712	.0001959	.0009158	.001065	.001292
%RSD	11.09220	25.18571	66.78949	110.4249	8.341029	39.88407	108.2918

#1	-.093509	-.007590	.0009762	.0003897	.0116675	-.001637	-.000577
#2	-.089331	-.006427	.0003486	.0001390	.0113314	-.002609	-.000324
#3	-.075290	-.010416	.0016901	.0000036	.0099401	-.003765	-.002677

Sample Name: CCB018 Acquired: 9/13/2018 14:01:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v645) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB018 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005783	-.002051	-.000119
Stddev	.0009628	.000346	.000064
%RSD	166.4939	16.88979	53.33008

#1	.0012253	-.002217	-.000139
#2	.0010378	-.002283	-.000048
#3	-.000528	-.001653	-.000171

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2152.124	2583.273	49175.77	5039.007	3719.573
Stddev	18.121	5.593	158.89	22.257	5.938
%RSD	.8420059	.2165034	.3230985	.4417020	.1596501

#1	2135.069	2576.815	49014.02	5061.450	3713.182
#2	2150.154	2586.485	49181.66	5038.630	3724.920
#3	2171.150	2586.519	49331.63	5016.940	3720.617