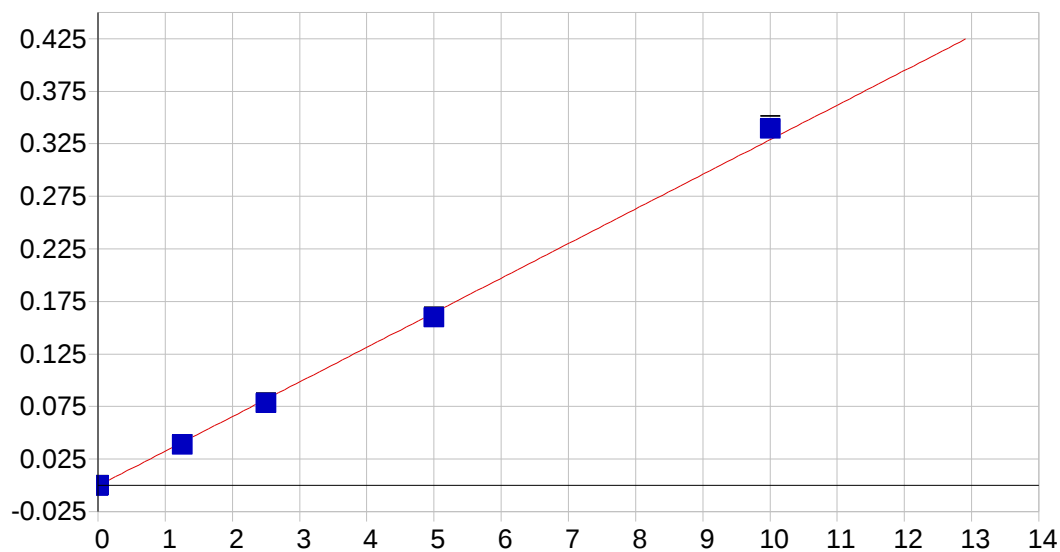


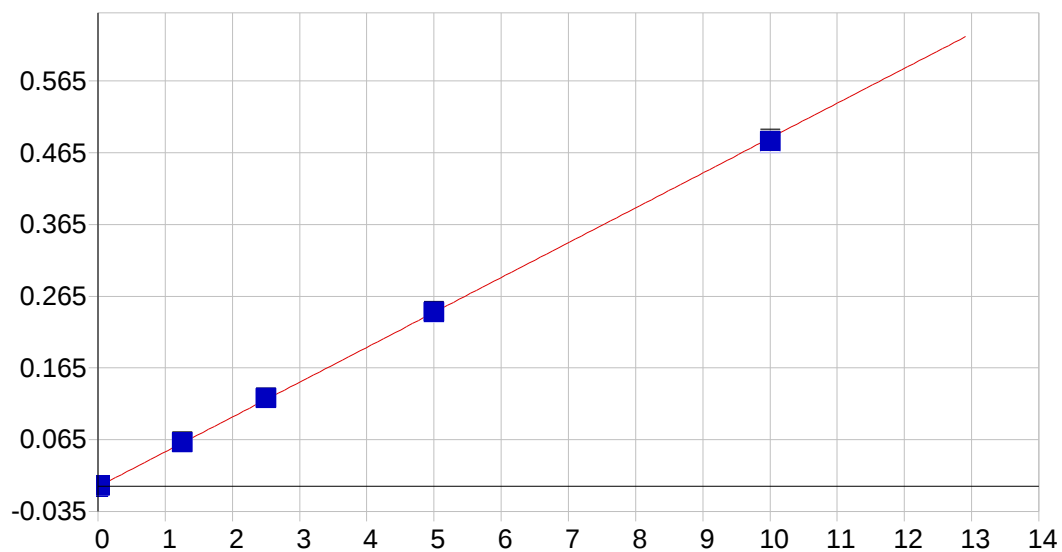


As 189.042 {479}

Date of Fit: 8/27/2018 14:54:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000346 Re-Slope: 1.000000
 A1 (Gain): 0.032921 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999405 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.004652
 Predicted MQL: 0.015507

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00035	.000	1
S1	.01000	.00952	.000	-4.82	-.00003	.000	1
S2	1.2500	1.1817	-.068	-5.46	.03866	.000	1
S3	2.5000	2.3895	-.110	-4.42	.07851	.000	1
S4	5.0000	4.8624	-.138	-2.75	.16012	.001	1
S5	10.000	10.317	.317	3.17	.34007	.002	1

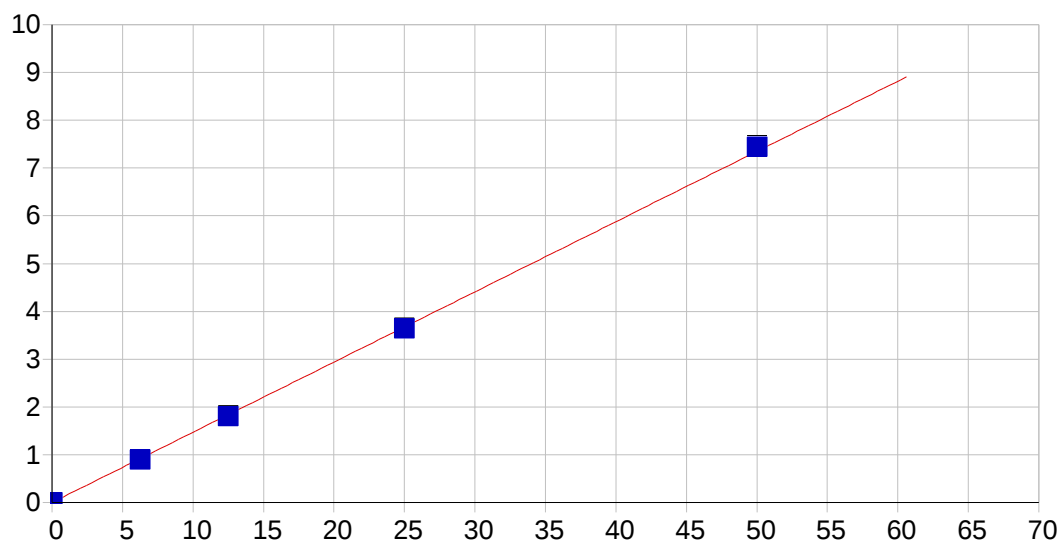


TI 190.856 {477}

Date of Fit: 8/27/2018 14:54:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000571 Re-Slope: 1.000000
 A1 (Gain): 0.048599 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999941 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.002897
 Predicted MQL: 0.009656

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00057	.000	1
S1	.02500	.02625	.001	5.01	.00069	.000	1
S2	1.2500	1.2769	.027	2.15	.06112	.000	1
S3	2.5000	2.5424	.042	1.70	.12225	.000	1
S4	5.0000	5.0165	.017	.331	.24176	.001	1
S5	10.000	9.9129	-.087	-.871	.47825	.003	1

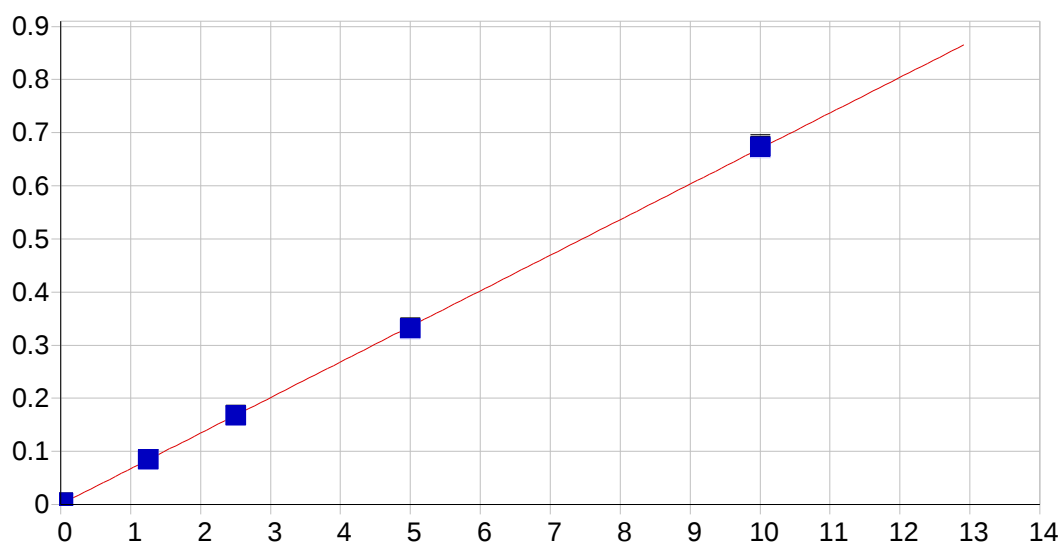


Pb 220.353 {453}

Date of Fit: 8/27/2018 14:54:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000139 Re-Slope: 1.000000
 A1 (Gain): 0.146944 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999902 Status: OK.
 Std Error of Est: 0.000077
 Predicted MDL: 0.002222
 Predicted MQL: 0.007408

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00014	.000	1
S1	.01000	.01057	.001	5.68	.00170	.000	1
S2	6.2500	6.0993	-.151	-2.41	.89767	.003	1
S3	12.500	12.263	-.237	-1.90	1.8046	.007	1
S4	25.000	24.759	-.241	-.966	3.6434	.012	1
S5	50.000	50.629	.629	1.26	7.4499	.029	1

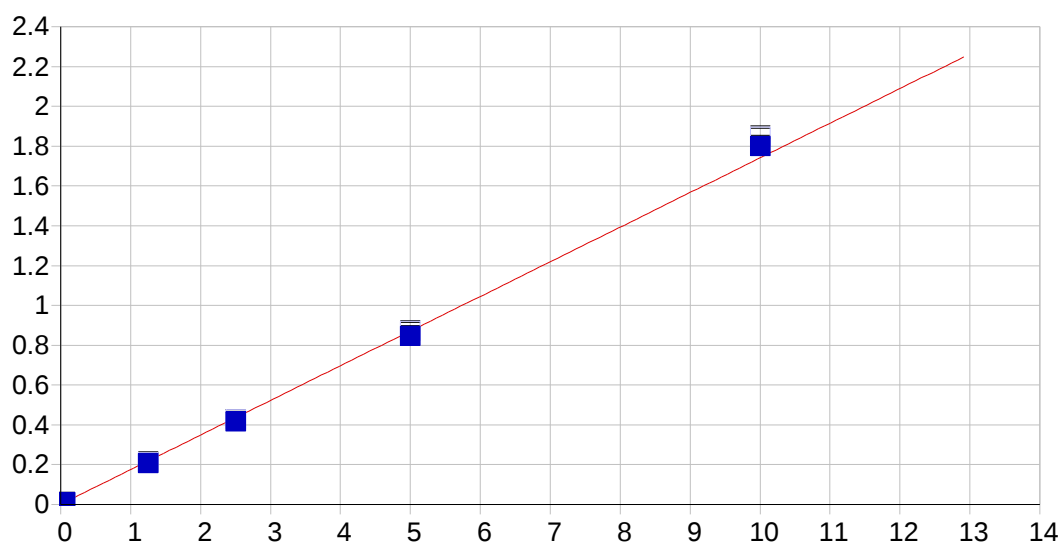


Se 196.090 {472}

Date of Fit: 8/27/2018 14:54:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000384 Re-Slope: 1.000000
 A1 (Gain): 0.066988 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.003644
 Predicted MQL: 0.012148

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00038	.000	1
S1	.03500	.03914	.004	11.8	.00300	.000	1
S2	1.2500	1.2561	.006	.487	.08413	.000	1
S3	2.5000	2.4973	-.003	-.110	.16688	.000	1
S4	5.0000	4.9410	-.059	-1.18	.32980	.001	1
S5	10.000	10.051	.051	.515	.67057	.004	1

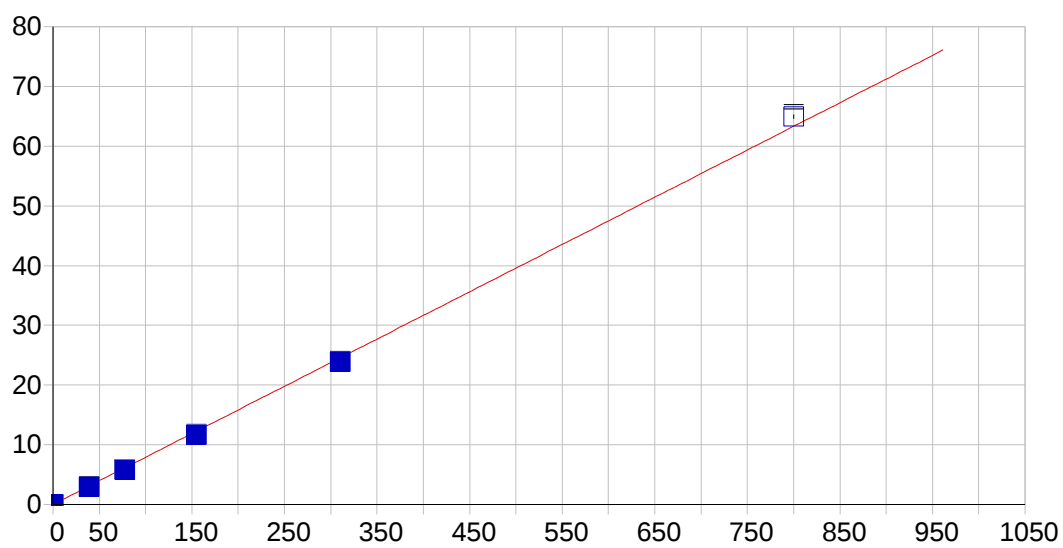


Sb 206.833 {463}

Date of Fit: 8/27/2018 14:54:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001064 Re-Slope: 1.000000
 A1 (Gain): 0.174006 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999385 Status: OK.
 Std Error of Est: 0.000258
 Predicted MDL: 0.001821
 Predicted MQL: 0.006069

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00106	.000	1
S1	.06000	.06357	.004	5.94	.01212	.000	1
S2	1.2500	1.1850	-.065	-5.20	.21318	.001	1
S3	2.5000	2.3781	-.122	-4.87	.42672	.001	1
S4	5.0000	4.8557	-.144	-2.89	.86967	.003	1
S5	10.000	10.328	.328	3.28	1.8455	.006	1



AI 396.152 { 85}

Date of Fit: 8/27/2018 14:54:53

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001585

Re-Slope: 1.000000

A1 (Gain): 0.079142

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999522

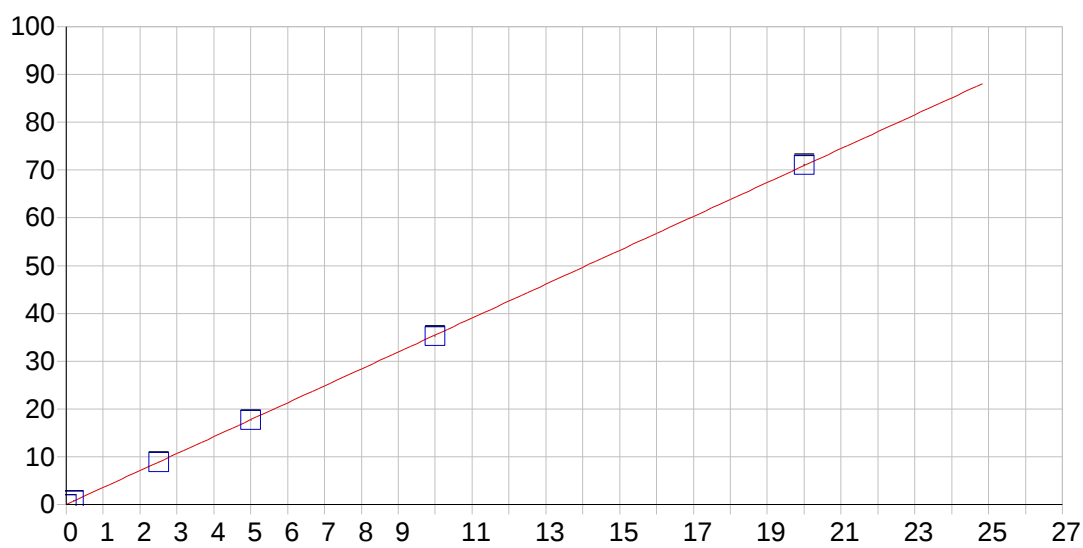
Status: OK.

Std Error of Est: 0.001522

Predicted MDL: 0.015557

Predicted MQL: 0.051856

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00159	.001	1
S1	.20000	.21683	.017	8.41	.01877	.001	1
S2	38.750	37.190	-1.56	-4.03	2.9477	.006	1
S3	77.500	73.670	-3.83	-4.94	5.8377	.016	1
S4	155.00	147.92	-7.08	-4.57	11.720	.046	1
S5	310.00	301.85	-8.15	-2.63	23.913	.050	1
S6	800.00	820.62	20.6	2.58	64.947	.349	1

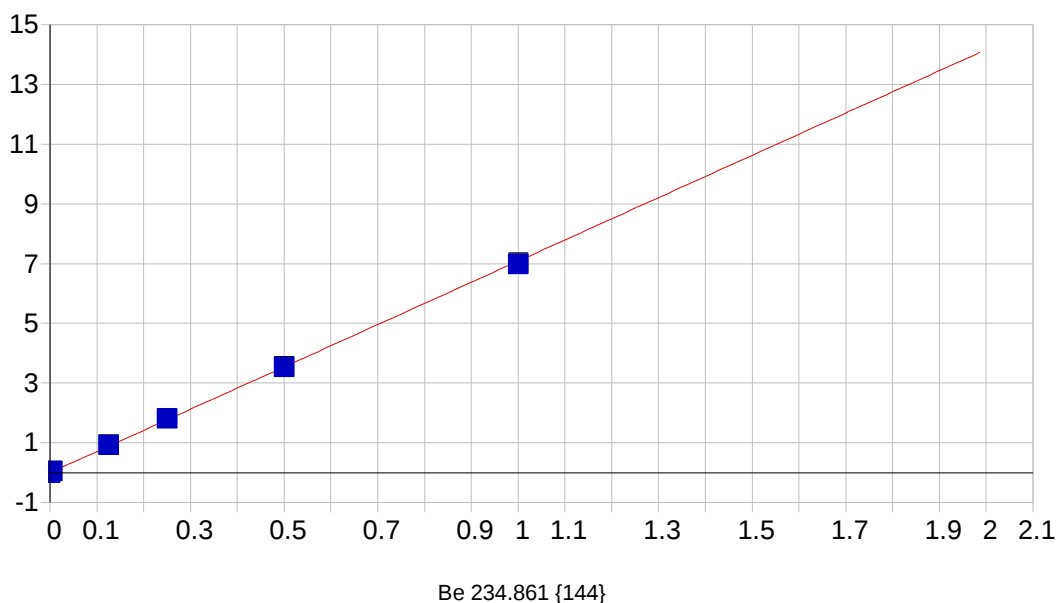


Ba 493.409 { 68}

Date of Fit: 8/27/2018 14:54:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008739 Re-Slope: 1.000000
 A1 (Gain): 3.545916 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999963 Status: OK.
 Std Error of Est: 0.003246
 Predicted MDL: 0.000787
 Predicted MQL: 0.002623

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00867	.002	1
S1	.20000	.22141	.021	10.7	.79383	.004	1
S2	2.5000	2.5054	.005	.217	8.8928	.020	1
S3	5.0000	4.9812	-.019	-.376	17.672	.033	1
S4	10.000	9.9444	-.056	-.556	35.271	.140	1
S5	20.000	20.048	.048	.238	71.096	.174	1



Date of Fit: 8/27/2018 14:54:53

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.002853

Re-Slope: 1.000000

A1 (Gain): 7.085436

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999765

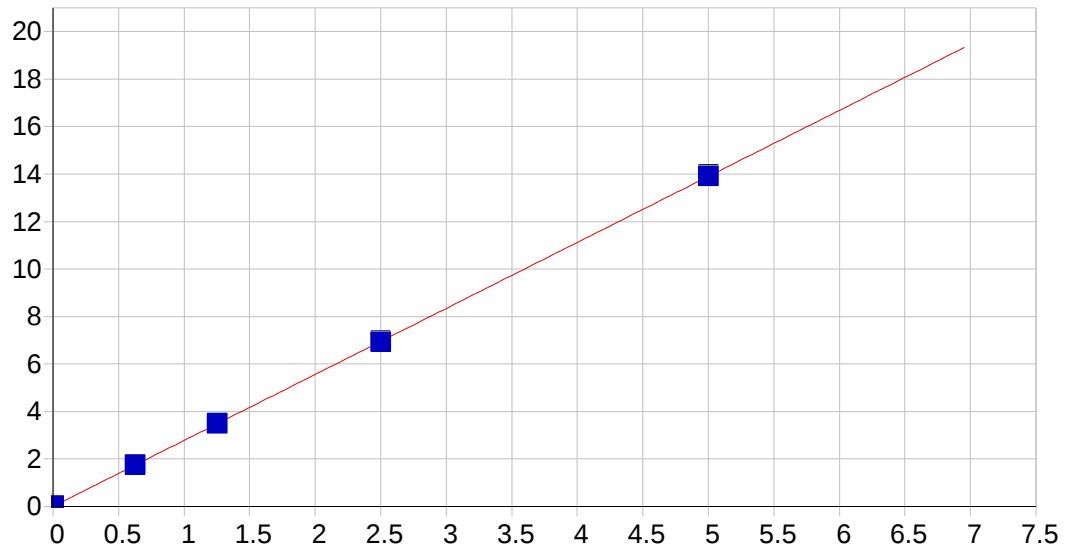
Status: OK.

Std Error of Est: 0.000575

Predicted MDL: 0.000078

Predicted MQL: 0.000260

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00286	.001	1
S1	.00500	.00608	.001	21.7	.04022	.000	1
S2	.12500	.13170	.007	5.36	.92640	.004	1
S3	.25000	.25561	.006	2.24	1.8005	.009	1
S4	.50000	.49912	-.001	-.176	3.5181	.025	1
S5	1.0000	.98749	-.013	-1.25	6.9629	.028	1

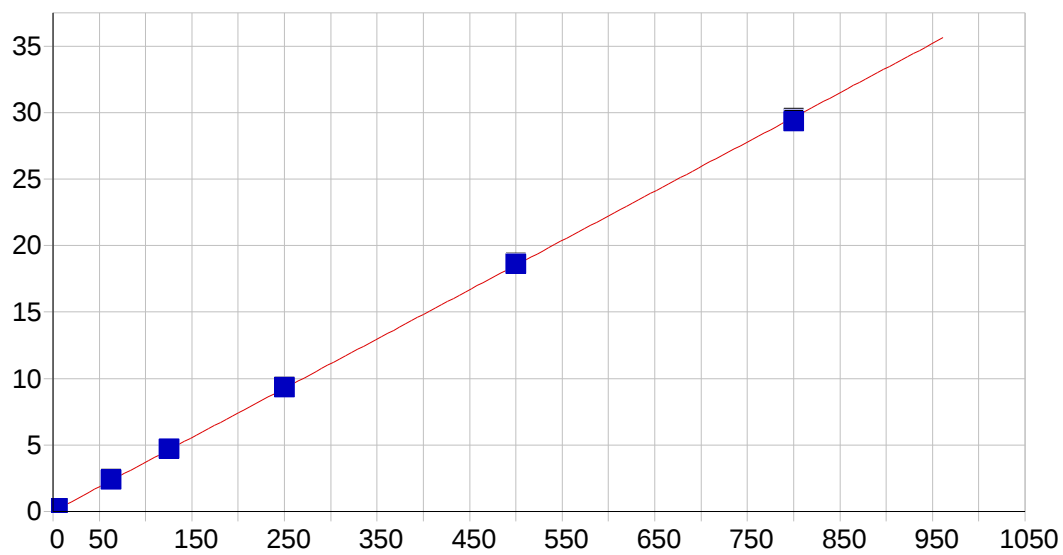


Cd 214.438 {457}

Date of Fit: 8/27/2018 14:54:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000957 Re-Slope: 1.000000
 A1 (Gain): 2.779964 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999994 Status: OK.
 Std Error of Est: 0.000080
 Predicted MDL: 0.000094
 Predicted MQL: 0.000315

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00096	.000	1
S1	.00500	.00562	.001	12.3	.01658	.000	1
S2	.62500	.62762	.003	.419	1.7493	.007	1
S3	1.2500	1.2529	.003	.233	3.4912	.009	1
S4	2.5000	2.4935	-.007	-.261	6.9470	.020	1
S5	5.0000	5.0004	.000	.008	13.930	.051	1



Ca 373.690 { 90}

Date of Fit: 8/27/2018 14:54:53

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001710

Re-Slope: 1.000000

A1 (Gain): 0.037047

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999922

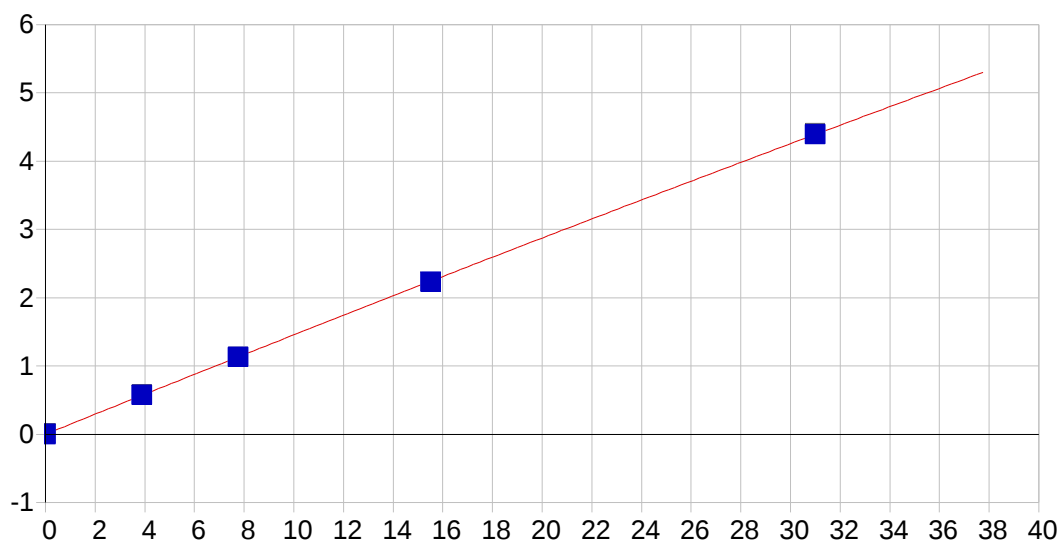
Status: OK.

Std Error of Est: 0.001618

Predicted MDL: 0.024801

Predicted MQL: 0.082671

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00079	-.001	.000	.00168	.000	1
S1	5.0000	5.5315	.532	10.6	.20666	.001	1
S2	62.500	64.751	2.25	3.60	2.4088	.006	1
S3	125.00	127.19	2.19	1.75	4.7302	.001	1
S4	250.00	251.39	1.39	.555	9.3479	.026	1
S5	500.00	501.79	1.79	.358	18.658	.035	1
S6	800.00	791.87	-8.13	-1.02	29.514	.074	1

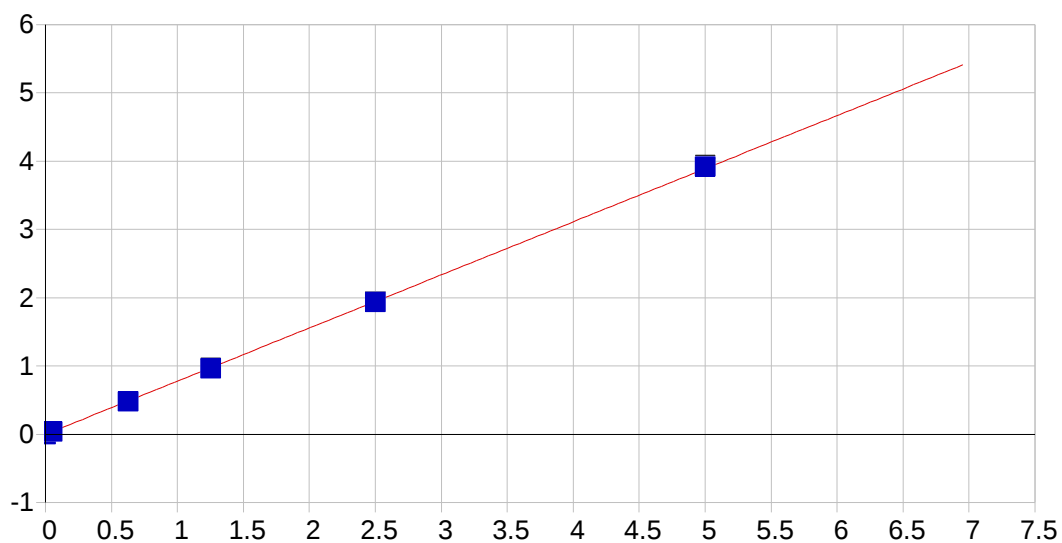


Cr 267.716 {126}

Date of Fit: 8/27/2018 14:54:53 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000009 Re-Slope: 1.000000
 A1 (Gain): 0.147525 Y-int: 0.000000
 A2 (Curvature): -0.000188
 n (Exponent): 1.000000
 Correlation: 0.999993 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.000605
 Predicted MQL: 0.002015

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.01000	.01155	.002	15.5	.00170	.000	1
S2	3.8750	3.9082	.033	.858	.57469	.001	1
S3	7.7500	7.7529	.003	.037	1.1344	.000	1
S4	15.500	15.432	-.068	-.436	2.2359	.005	1
S5	31.000	31.030	.030	.097	4.4045	.001	1

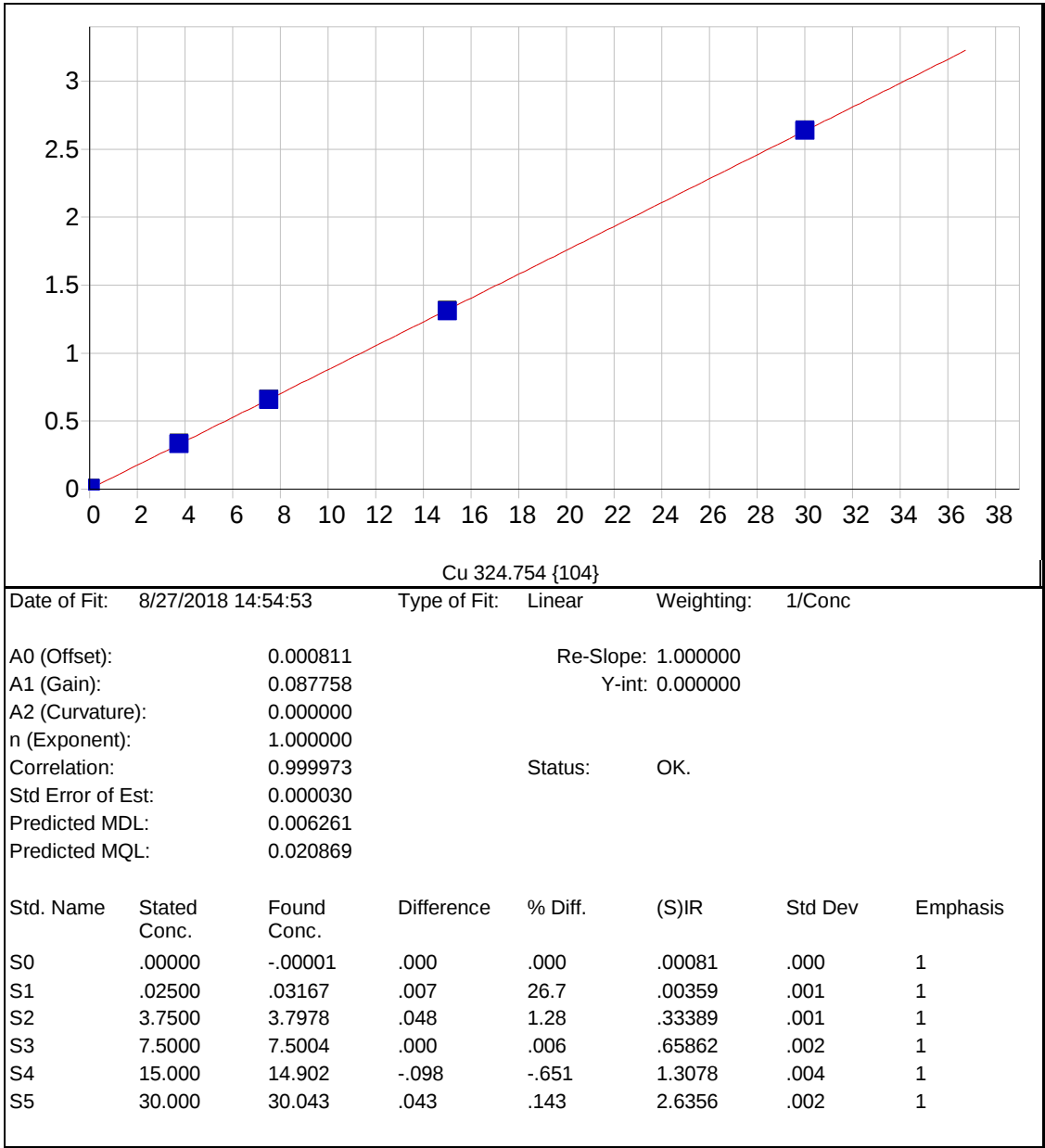


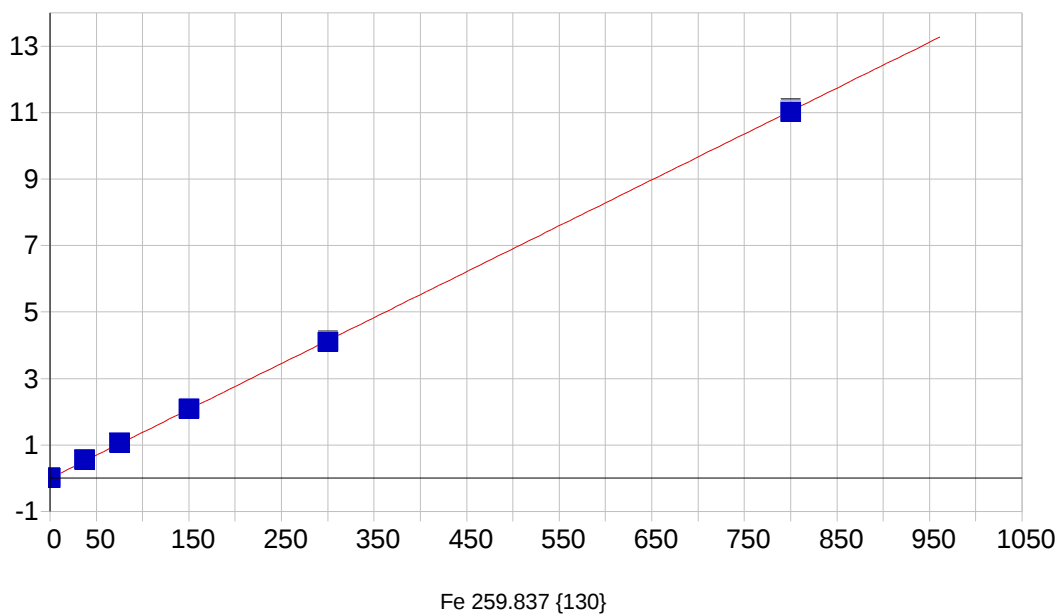
Co 228.616 {448}

Date of Fit: 8/27/2018 14:54:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000375 Re-Slope: 1.000000
 A1 (Gain): 0.778175 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968 Status: OK.
 Std Error of Est: 0.000167
 Predicted MDL: 0.000326
 Predicted MQL: 0.001086

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00038	.000	1
S1	.05000	.05227	.002	4.54	.04045	.000	1
S2	.62500	.61572	-.009	-1.48	.47973	.002	1
S3	1.2500	1.2388	-.011	-.896	.96555	.003	1
S4	2.5000	2.4867	-.013	-.534	1.9385	.006	1
S5	5.0000	5.0316	.032	.631	3.9228	.017	1

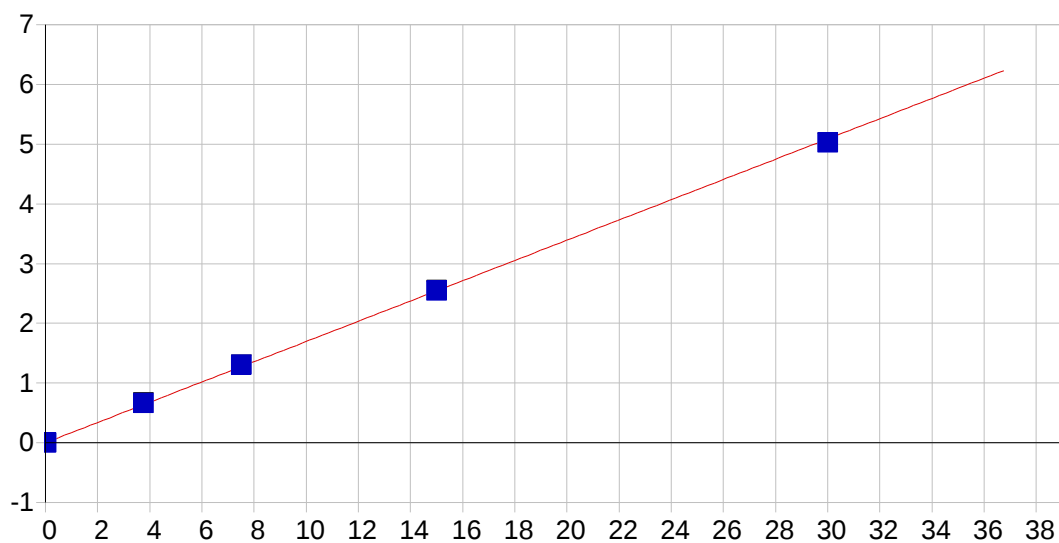




Date of Fit: 8/27/2018 14:54:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000064 Re-Slope: 1.000000
 A1 (Gain): 0.013806 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999912 Status: OK.
 Std Error of Est: 0.000081
 Predicted MDL: 0.021621
 Predicted MQL: 0.072070

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00006	.000	1
S1	.10000	.10835	.008	8.35	.00159	.000	1
S2	37.500	39.516	2.02	5.38	.54840	.001	1
S3	75.000	77.441	2.44	3.26	1.0748	.001	1
S4	150.00	151.44	1.44	.959	2.1019	.003	1
S5	300.00	296.96	-3.04	-1.01	4.1221	.011	1
S6	800.00	797.14	-2.86	-.358	11.056	.055	1

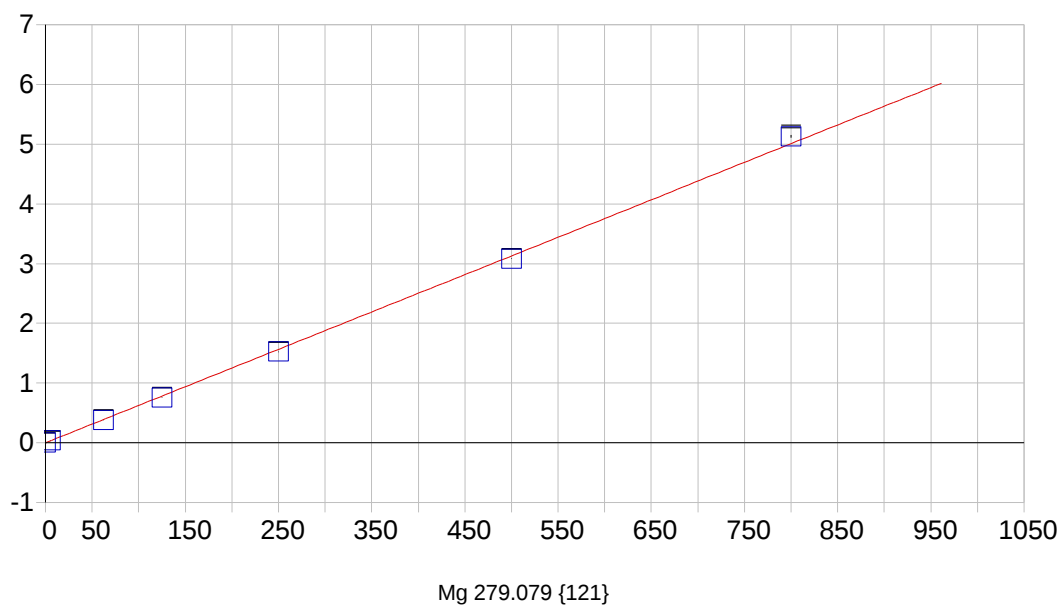


Mn 257.610 {131}

Date of Fit: 8/27/2018 14:54:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000045 Re-Slope: 1.000000
 A1 (Gain): 0.169568 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999844 Status: OK.
 Std Error of Est: 0.000107
 Predicted MDL: 0.001535
 Predicted MQL: 0.005118

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00004	.000	1
S1	.01500	.01803	.003	20.2	.00310	.000	1
S2	3.7500	3.9189	.169	4.50	.66471	.003	1
S3	7.5000	7.6811	.181	2.41	1.3028	.002	1
S4	15.000	15.031	.031	.209	2.5494	.005	1
S5	30.000	29.616	-.384	-1.28	5.0231	.006	1



Date of Fit: 8/27/2018 14:54:53

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000094

Re-Slope: 1.000000

A1 (Gain): 0.006259

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999725

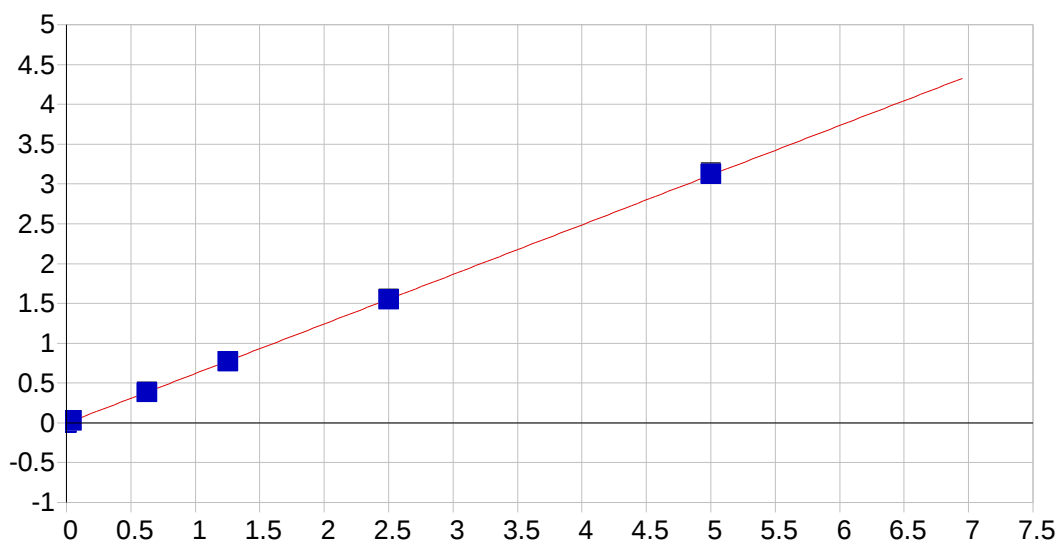
Status: OK.

Std Error of Est: 0.000512

Predicted MDL: 0.059444

Predicted MQL: 0.198148

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00009	.000	1
S1	5.0000	5.3670	.367	7.34	.03350	.000	1
S2	62.500	61.064	-1.44	-2.30	.38209	.001	1
S3	125.00	121.12	-3.88	-3.10	.75798	.002	1
S4	250.00	243.17	-6.83	-2.73	1.5218	.004	1
S5	500.00	492.32	-7.68	-1.54	3.0812	.006	1
S6	800.00	819.45	19.5	2.43	5.1286	.025	1

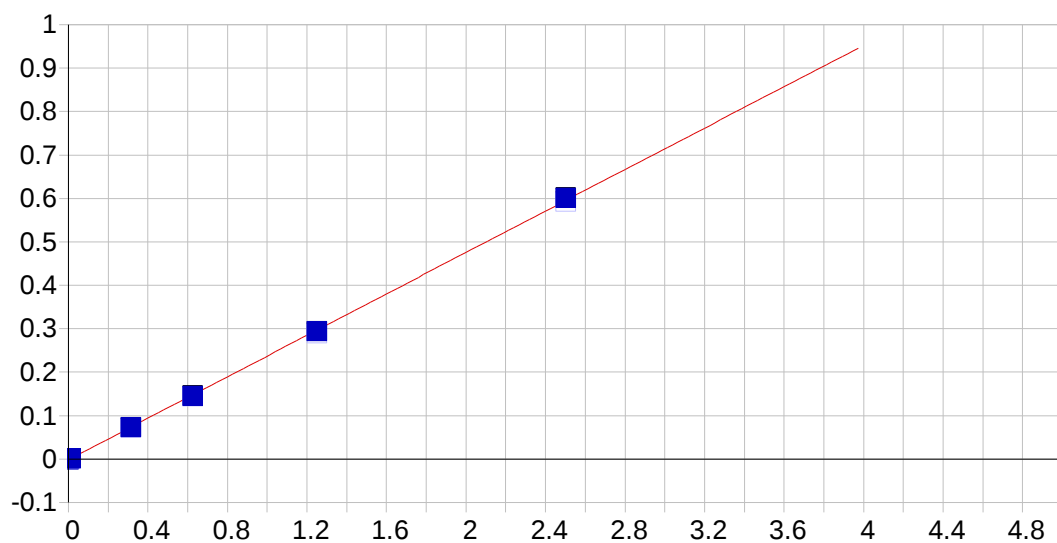


Ni 231.604 {446}

Date of Fit: 8/27/2018 14:54:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002913 Re-Slope: 1.000000
 A1 (Gain): 0.622641 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000099
 Predicted MDL: 0.000474
 Predicted MQL: 0.001579

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00291	.000	1
S1	.04000	.04286	.003	7.15	.02379	.000	1
S2	.62500	.62138	-.004	-.579	.38478	.003	1
S3	1.2500	1.2409	-.009	-.726	.77134	.002	1
S4	2.5000	2.4894	-.011	-.423	1.5503	.004	1
S5	5.0000	5.0204	.020	.408	3.1294	.010	1

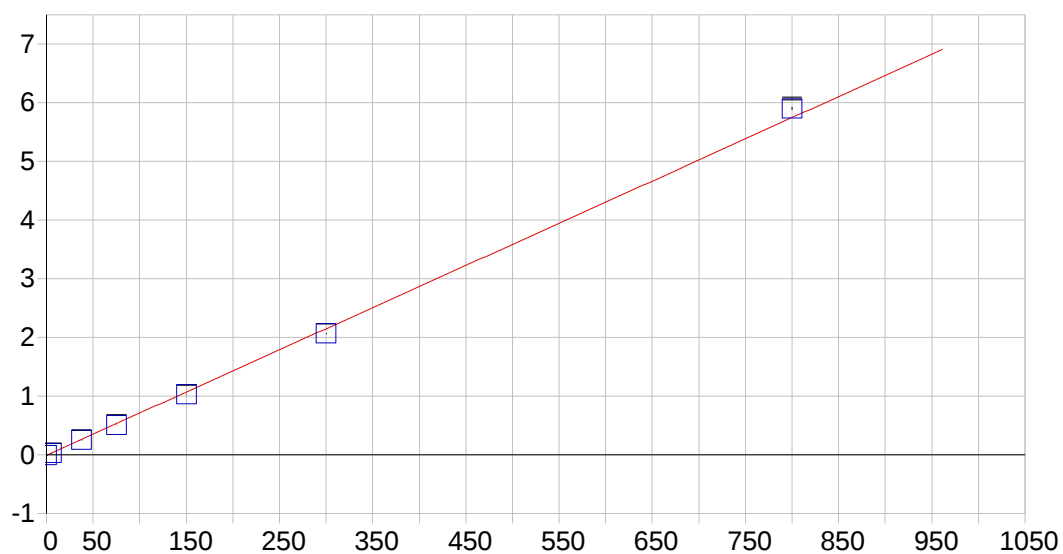


Ag 328.068 {103}

Date of Fit: 8/27/2018 14:54:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001355 Re-Slope: 1.000000
 A1 (Gain): 0.238489 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999925 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.000617
 Predicted MQL: 0.002058

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00136	.000	1
S1	.01000	.01122	.001	12.2	.00130	.000	1
S2	.31250	.30928	-.003	-1.03	.07127	.000	1
S3	.62500	.61566	-.009	-1.49	.14320	.000	1
S4	1.2500	1.2372	-.013	-1.03	.28915	.000	1
S5	2.5000	2.5242	.024	.966	.59155	.001	1



Na 818.326 { 41}

Date of Fit: 8/27/2018 14:54:53

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.006973

Re-Slope: 1.000000

A1 (Gain): 0.007191

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999464

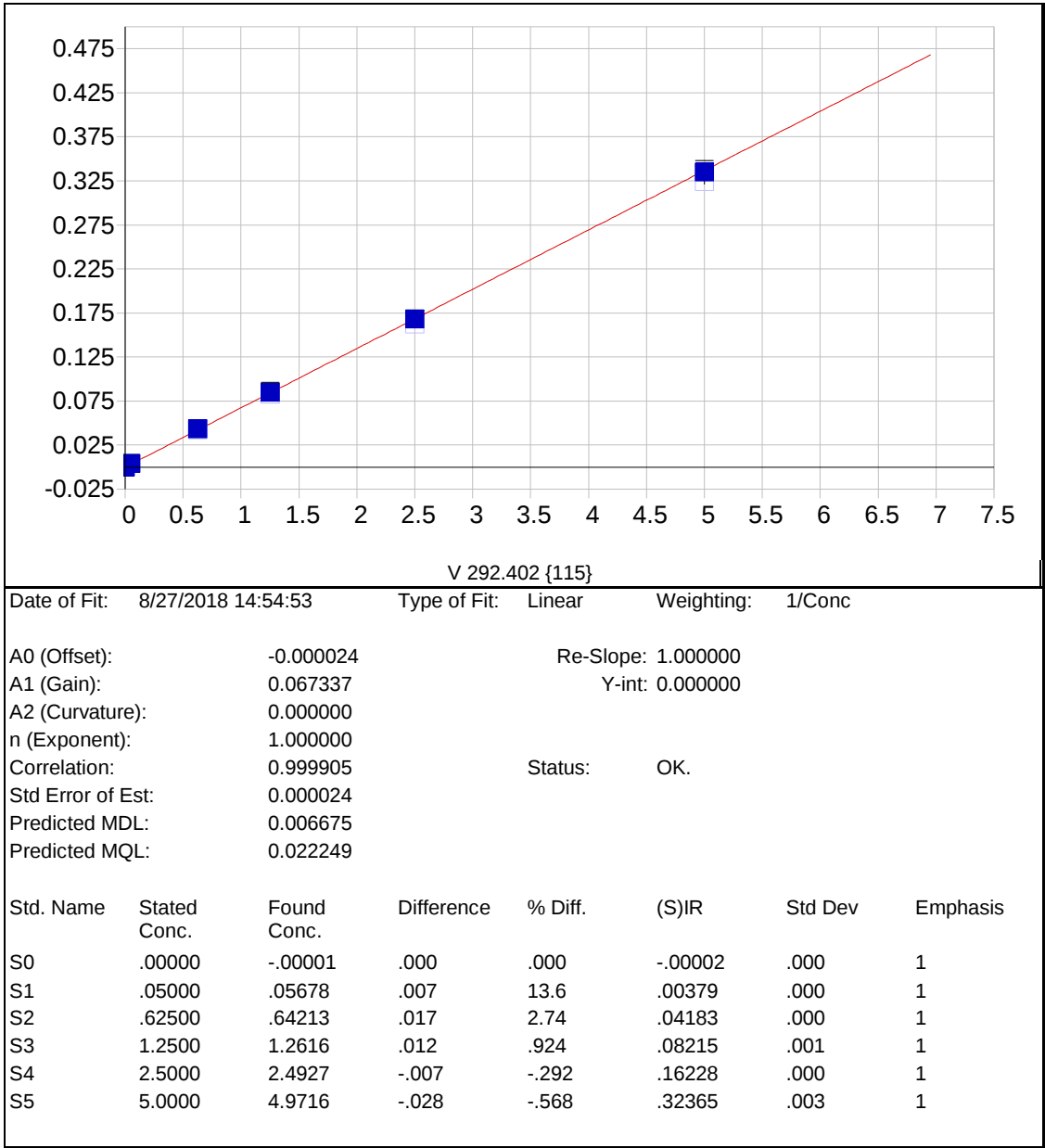
Status: OK.

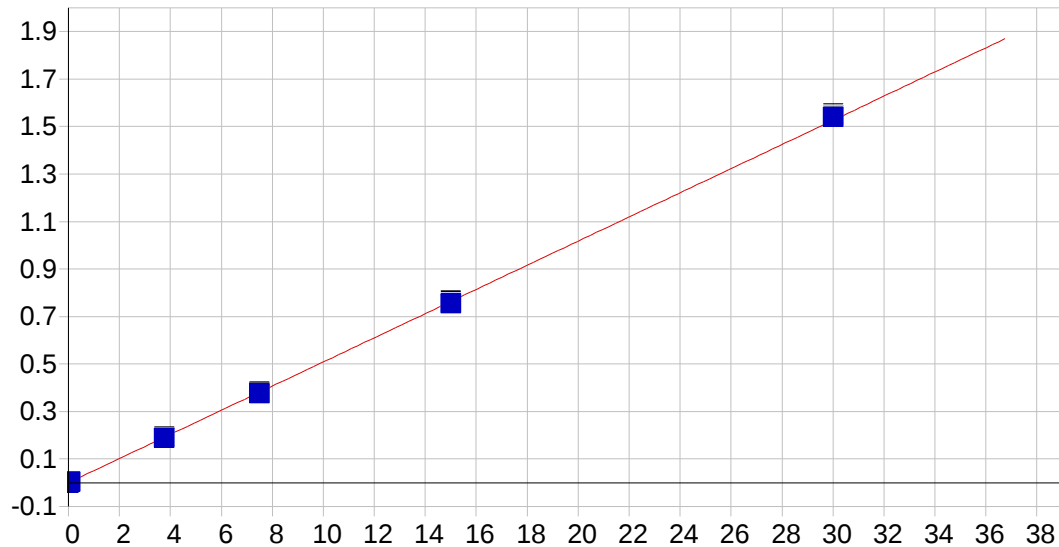
Std Error of Est: 0.000728

Predicted MDL: 0.350013

Predicted MQL: 1.166710

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00044	.000	.000	-.00697	.001	1
S1	5.0000	5.1806	.181	3.61	.03028	.001	1
S2	37.500	36.440	-1.06	-2.83	.25508	.002	1
S3	75.000	71.857	-3.14	-4.19	.50977	.003	1
S4	150.00	143.71	-6.29	-4.20	1.0265	.004	1
S5	300.00	288.51	-11.5	-3.83	2.0678	.003	1
S6	800.00	821.81	21.8	2.73	5.9029	.022	1



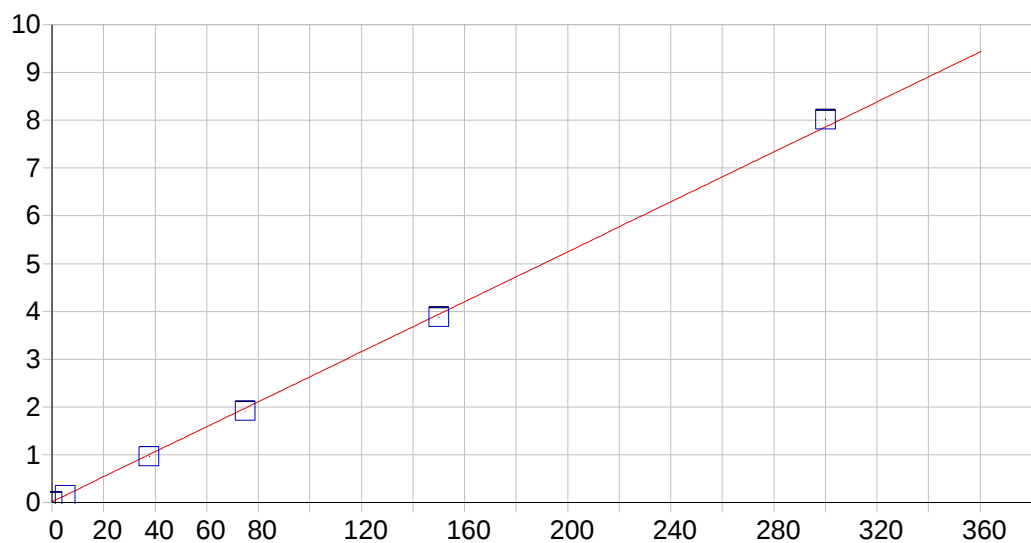


Zn 213.856 {158}

Date of Fit: 8/27/2018 14:54:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000082 Re-Slope: 1.000000
 A1 (Gain): 0.050883 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999949 Status: OK.
 Std Error of Est: 0.000037
 Predicted MDL: 0.010305
 Predicted MQL: 0.034349

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00008	.001	1
S1	.06000	.06102	.001	1.71	.00303	.000	1
S2	3.7500	3.7322	-.018	-.476	.19072	.002	1
S3	7.5000	7.3964	-.104	-1.38	.37806	.004	1
S4	15.000	14.841	-.159	-1.06	.75865	.009	1
S5	30.000	30.280	.280	.932	1.5478	.007	1

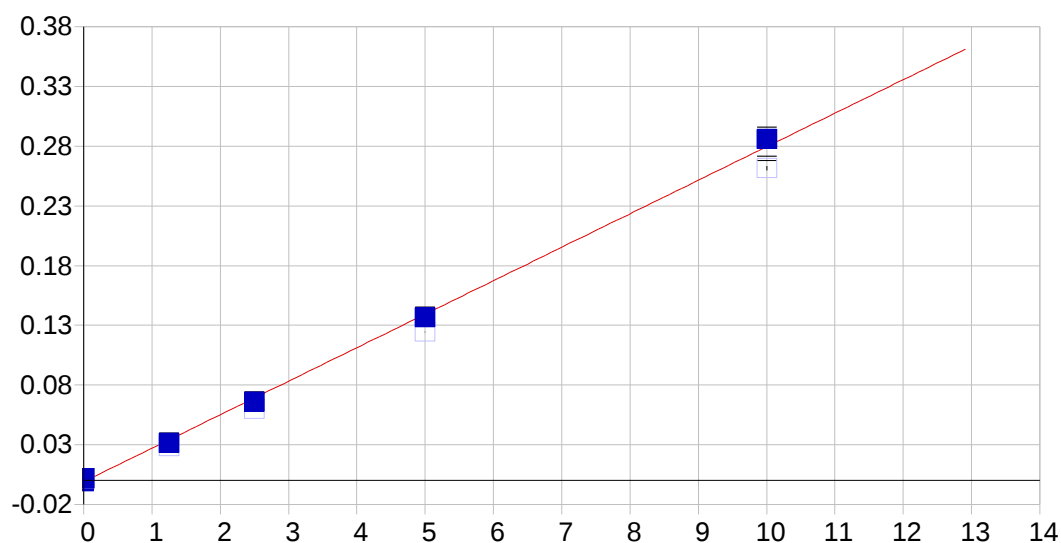


K 769.896 { 44}

Date of Fit: 8/27/2018 14:54:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.016219 Re-Slope: 1.000000
 A1 (Gain): 0.026151 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999755 Status: OK.
 Std Error of Est: 0.001193
 Predicted MDL: 0.091315
 Predicted MQL: 0.304383

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00014	.000	.000	.01622	.001	1
S1	5.0000	5.1758	.176	3.52	.15157	.000	1
S2	37.500	36.199	-1.30	-3.47	.96286	.002	1
S3	75.000	72.487	-2.51	-3.35	1.9118	.007	1
S4	150.00	147.85	-2.15	-1.43	3.8826	.010	1
S5	300.00	305.79	5.79	1.93	8.0128	.015	1



P 177.495 {490}

Date of Fit: 8/27/2018 14:54:53

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000936

Re-Slope: 1.000000

A1 (Gain): 0.028046

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.980090

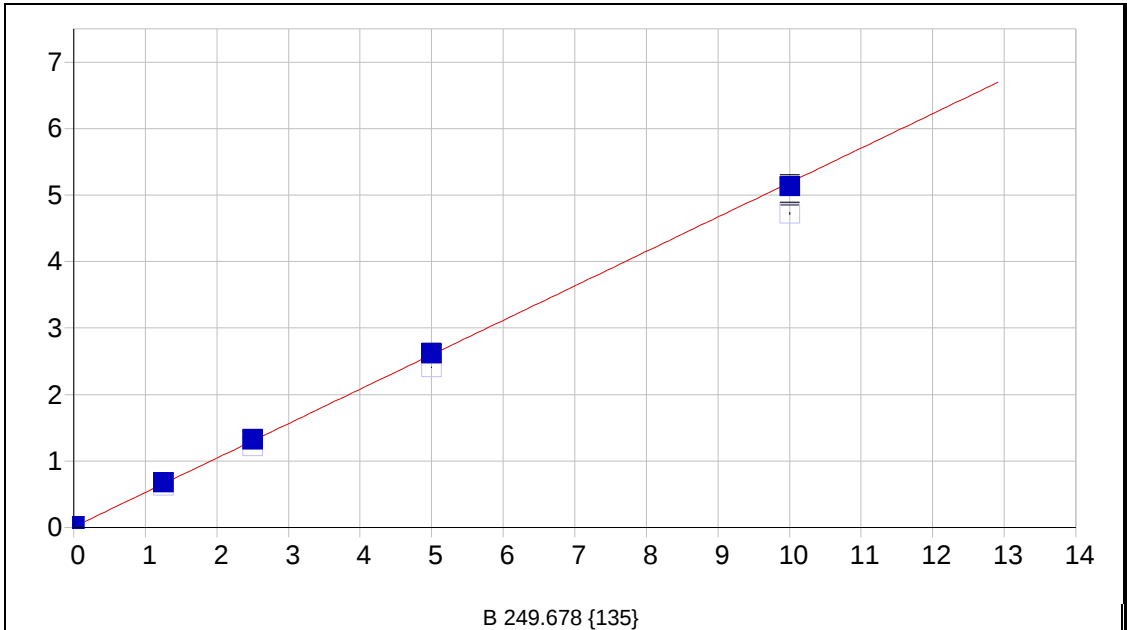
Status: OK.

Std Error of Est: 0.000087

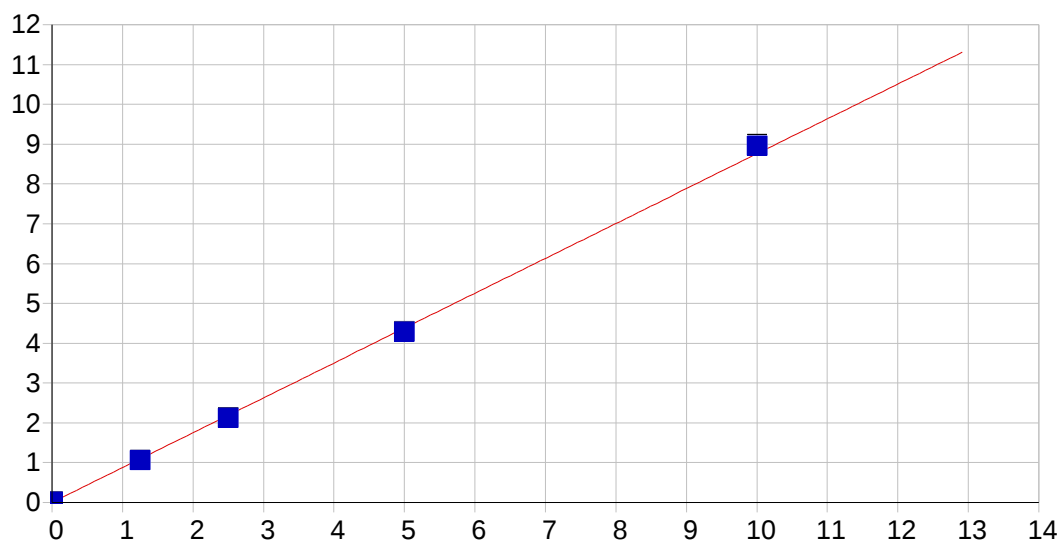
Predicted MDL: 0.003689

Predicted MQL: 0.012297

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00008	.000	.000	-.00094	.000	1
S1	.01000	.08891	.079	789.	.00154	.000	1
S2	1.2500	1.1559	-.094	-7.53	.02846	.000	1
S3	2.5000	2.3818	-.118	-4.73	.05982	.000	1
S4	5.0000	4.9056	-.094	-1.89	.12455	.000	1
S5	10.000	10.226	.226	2.26	.26167	.002	1



Date of Fit: 8/27/2018 14:54:53		Type of Fit: Linear		Weighting: 1/Conc						
A0 (Offset):	0.008665	Re-Slope: 1.000000		Y-int: 0.000000						
A1 (Gain):	0.517910									
A2 (Curvature):	0.000000									
n (Exponent):	1.000000									
Correlation:	0.999892	Status:	OK.							
Std Error of Est:	0.000118									
Predicted MDL:	0.001264									
Predicted MQL:	0.004212									
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis			
S0	.00000	.00000	.000	.000	.00867	.001	1			
S1	.01000	.00811	-.002	-18.9	.01276	.000	1			
S2	1.2500	1.2866	.037	2.93	.62375	.003	1			
S3	2.5000	2.5381	.038	1.53	1.2206	.004	1			
S4	5.0000	5.0355	.035	.709	2.4115	.009	1			
S5	10.000	9.8918	-.108	-1.08	4.7215	.021	1			

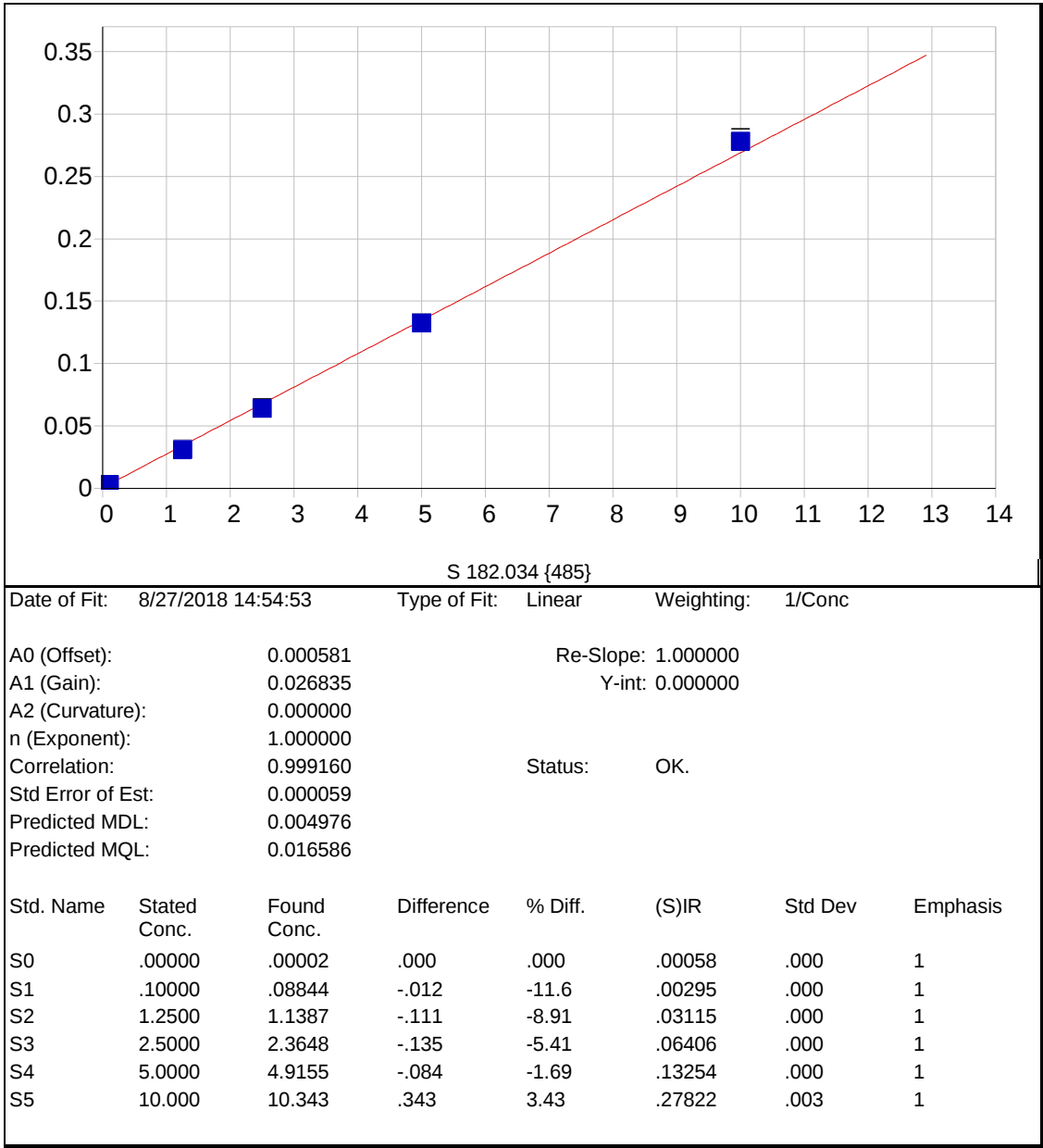


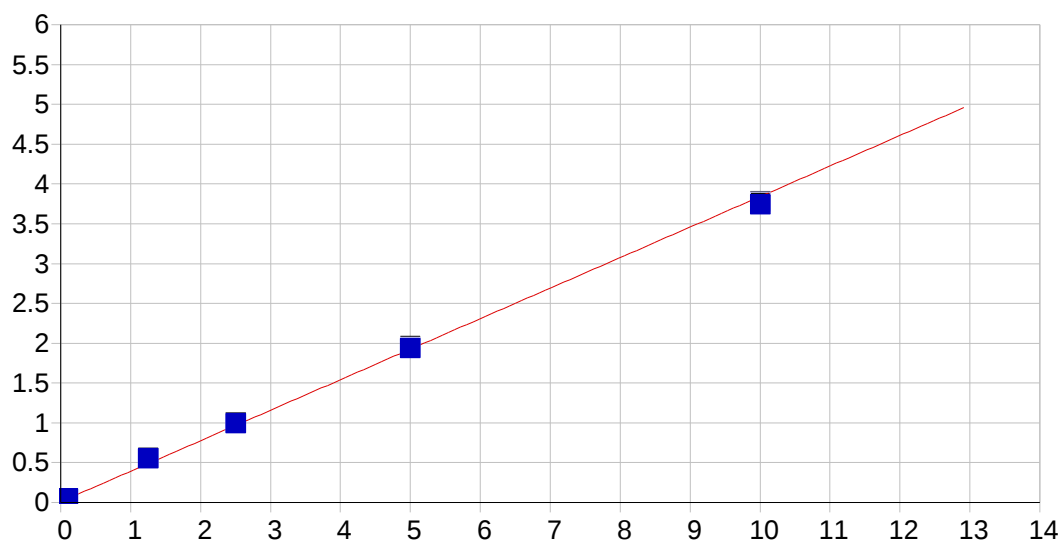
Mo 202.030 {467}

Date of Fit: 8/27/2018 14:54:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000552 Re-Slope: 1.000000
 A1 (Gain): 0.875809 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999707 Status: OK.
 Std Error of Est: 0.000356
 Predicted MDL: 0.000319
 Predicted MQL: 0.001062

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00055	.000	1
S1	.01000	.01038	.000	3.83	.00964	.000	1
S2	1.2500	1.2067	-.043	-3.46	1.0573	.004	1
S3	2.5000	2.4261	-.074	-2.95	2.1253	.005	1
S4	5.0000	4.8928	-.107	-2.14	4.2855	.018	1
S5	10.000	10.224	.224	2.24	8.9545	.042	1



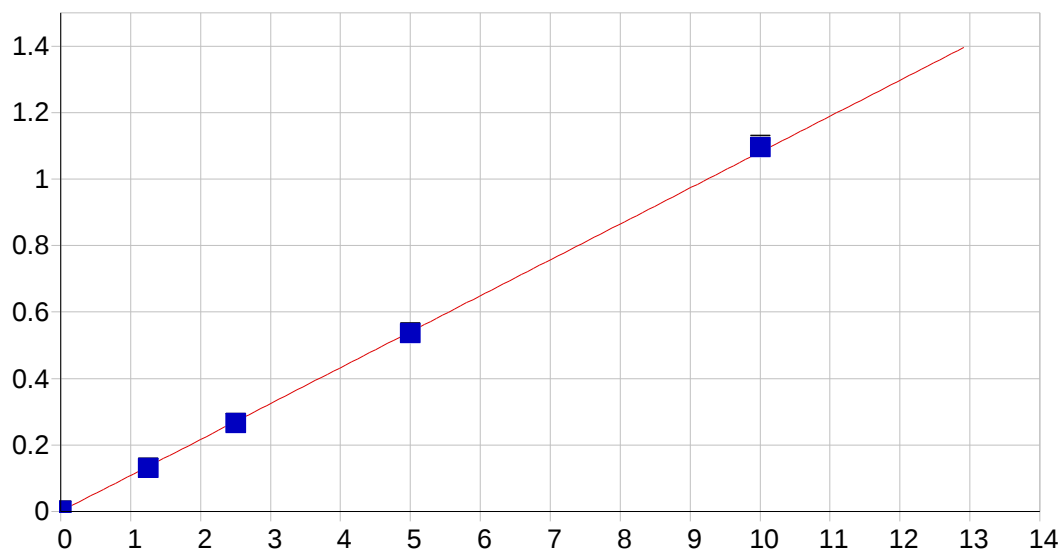


Si 251.611 {134}

Date of Fit: 8/27/2018 14:54:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.009140 Re-Slope: 1.000000
 A1 (Gain): 0.383269 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999174 Status: OK.
 Std Error of Est: 0.000835
 Predicted MDL: 0.001523
 Predicted MQL: 0.005076

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00913	.001	1
S1	.10000	.10827	.008	8.27	.05077	.000	1
S2	1.2500	1.4164	.166	13.3	.55594	.004	1
S3	2.5000	2.5673	.067	2.69	1.0009	.004	1
S4	5.0000	5.0217	.022	.433	1.9495	.012	1
S5	10.000	9.7364	-.264	-2.64	3.7722	.011	1

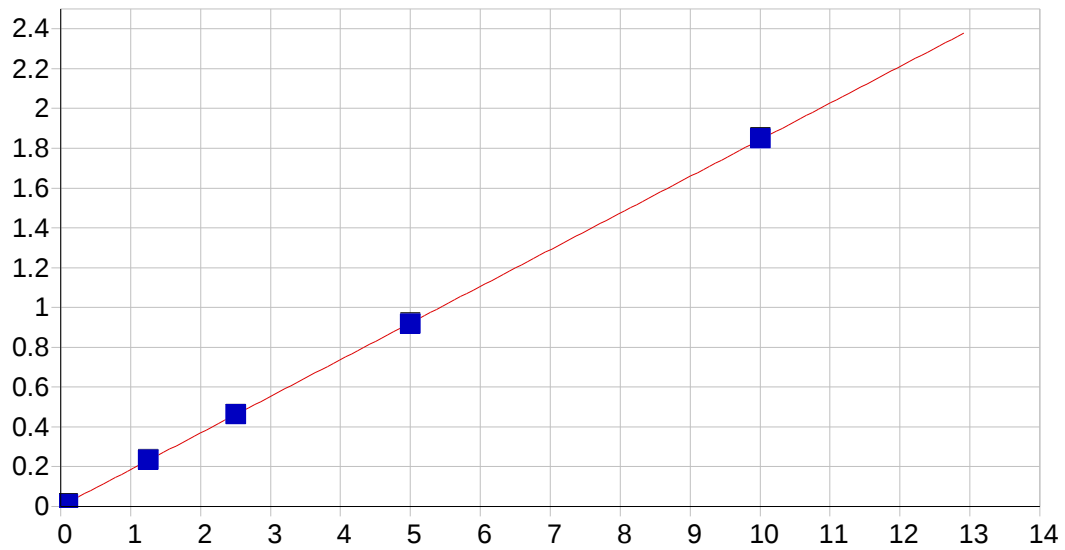


Sn 189.989 {478}

Date of Fit: 8/27/2018 14:54:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000478 Re-Slope: 1.000000
 A1 (Gain): 0.108057 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999859 Status: OK.
 Std Error of Est: 0.000025
 Predicted MDL: 0.001231
 Predicted MQL: 0.004102

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00048	.000	1
S1	.00700	.00613	-.001	-12.5	.00111	.000	1
S2	1.2500	1.2050	-.045	-3.60	.13039	.000	1
S3	2.5000	2.4472	-.053	-2.11	.26432	.000	1
S4	5.0000	4.9561	-.044	-.878	.53482	.001	1
S5	10.000	10.143	.143	1.43	1.0941	.006	1

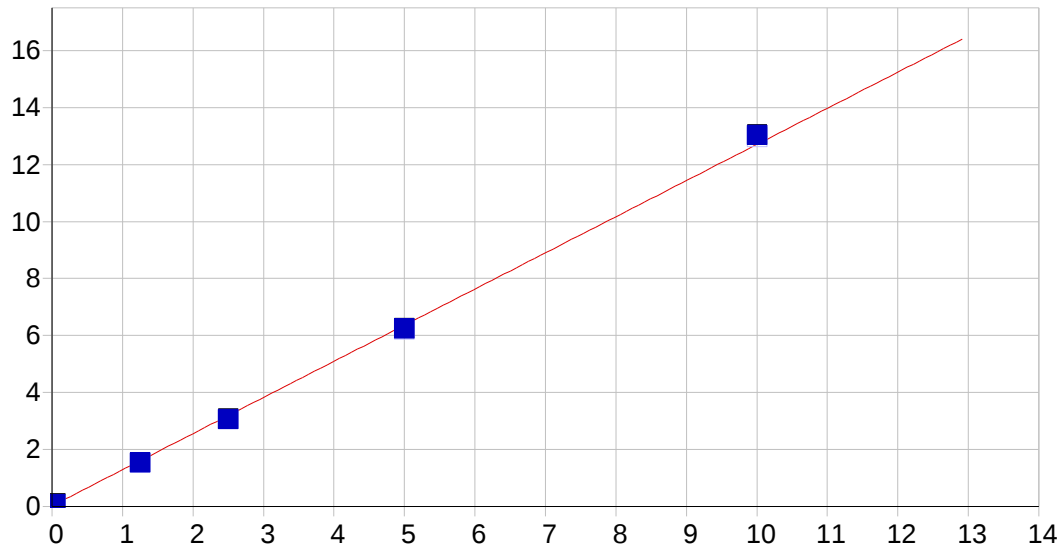


Ti 336.121 {100}

Date of Fit: 8/27/2018 14:54:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001239 Re-Slope: 1.000000
 A1 (Gain): 0.184115 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999491 Status: OK.
 Std Error of Est: 0.000312
 Predicted MDL: 0.003356
 Predicted MQL: 0.011187

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00125	.000	1
S1	.10000	.05671	-.043	-43.3	.01168	.001	1
S2	1.2500	1.2664	.016	1.31	.23431	.002	1
S3	2.5000	2.5094	.009	.374	.46308	.001	1
S4	5.0000	4.9832	-.017	-.337	.91837	.004	1
S5	10.000	10.034	.034	.344	1.8480	.005	1

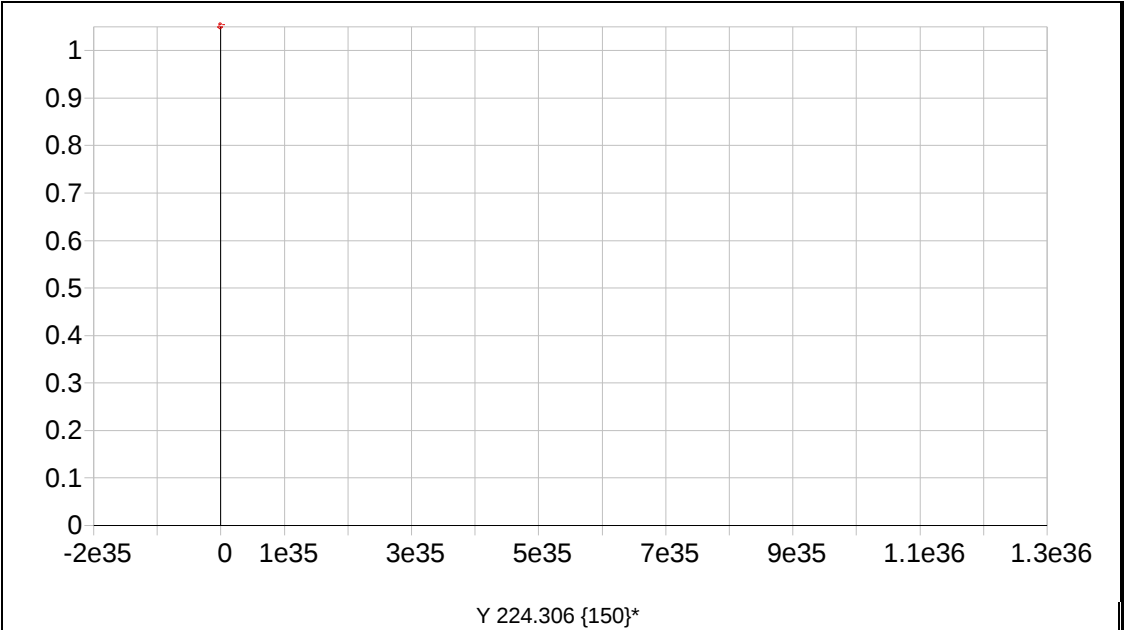


Li 670.784 { 50}

Date of Fit: 8/27/2018 14:54:53 Type of Fit: Linear Weighting: 1/Conc

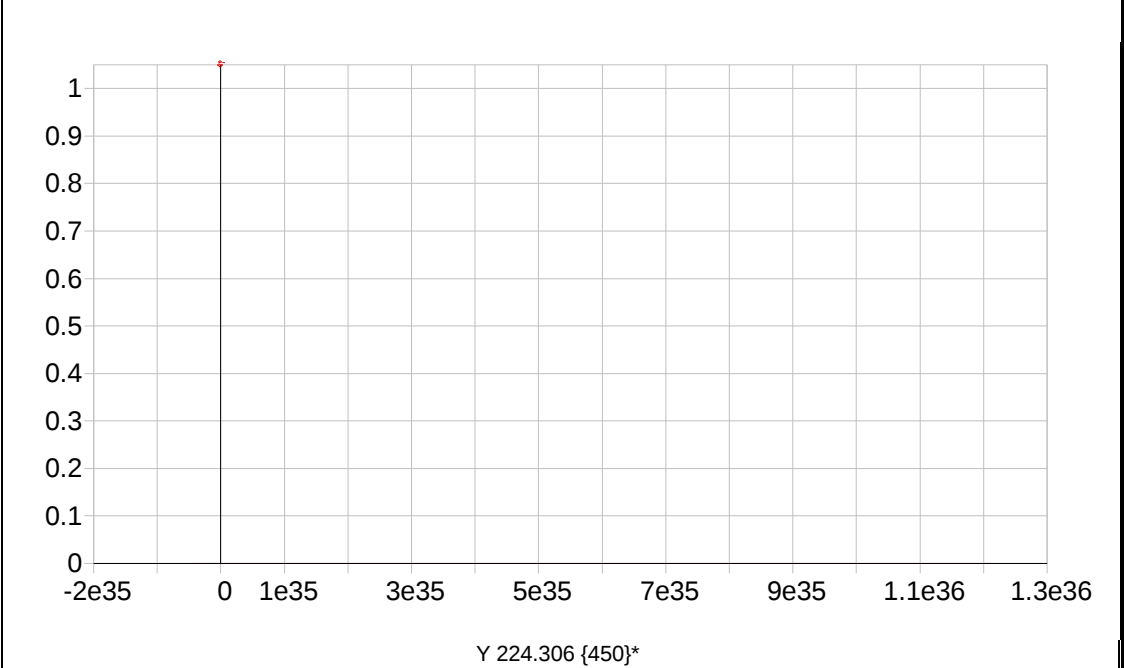
A0 (Offset): 0.021506 Re-Slope: 1.000000
 A1 (Gain): 1.268517 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999610 Status: OK.
 Std Error of Est: 0.001323
 Predicted MDL: 0.002075
 Predicted MQL: 0.006917

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.02151	.002	1
S5	10.000	10.250	.250	2.50	12.953	.028	1
S4	5.0000	4.9054	-.095	-1.89	6.2085	.008	1
S3	2.5000	2.4029	-.097	-3.88	3.0518	.006	1
S2	1.2500	1.1921	-.058	-4.63	1.5248	.005	1
S1	.05000	.04916	-.001	-1.67	.08374	.003	1



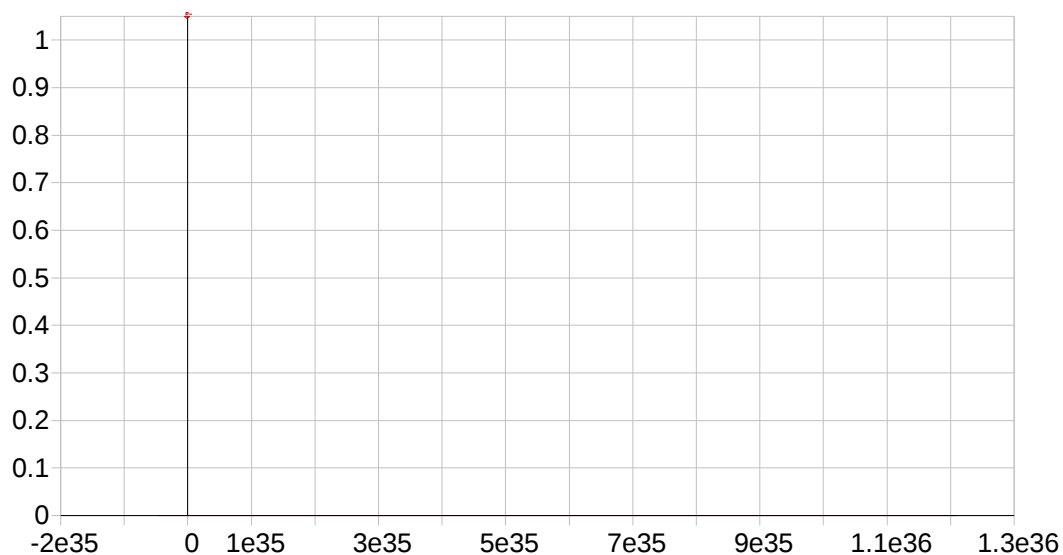
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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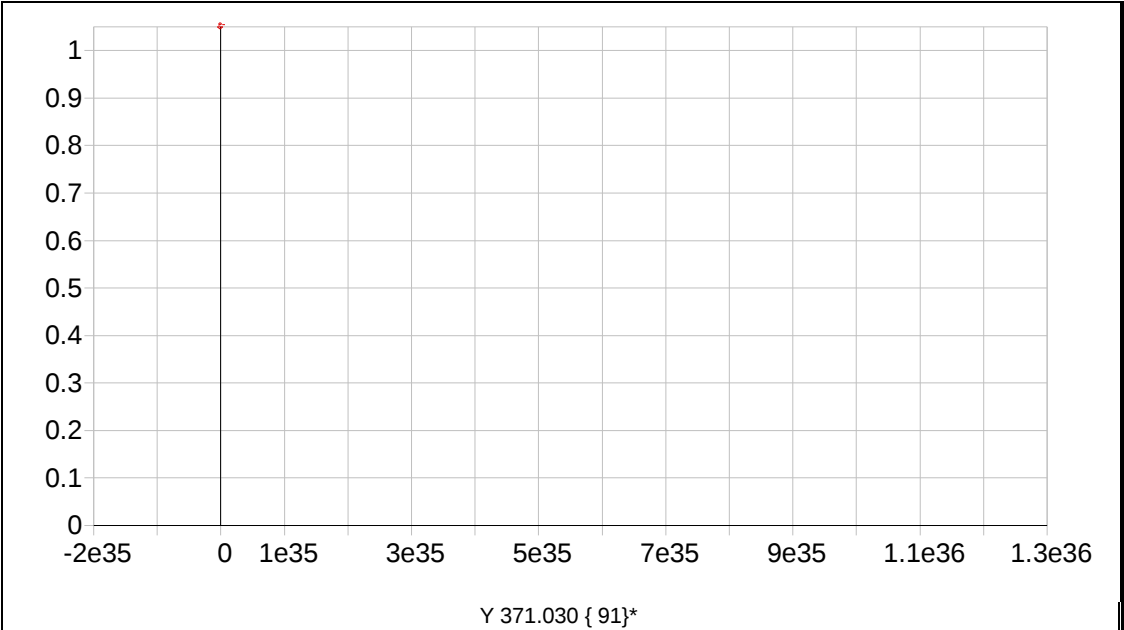
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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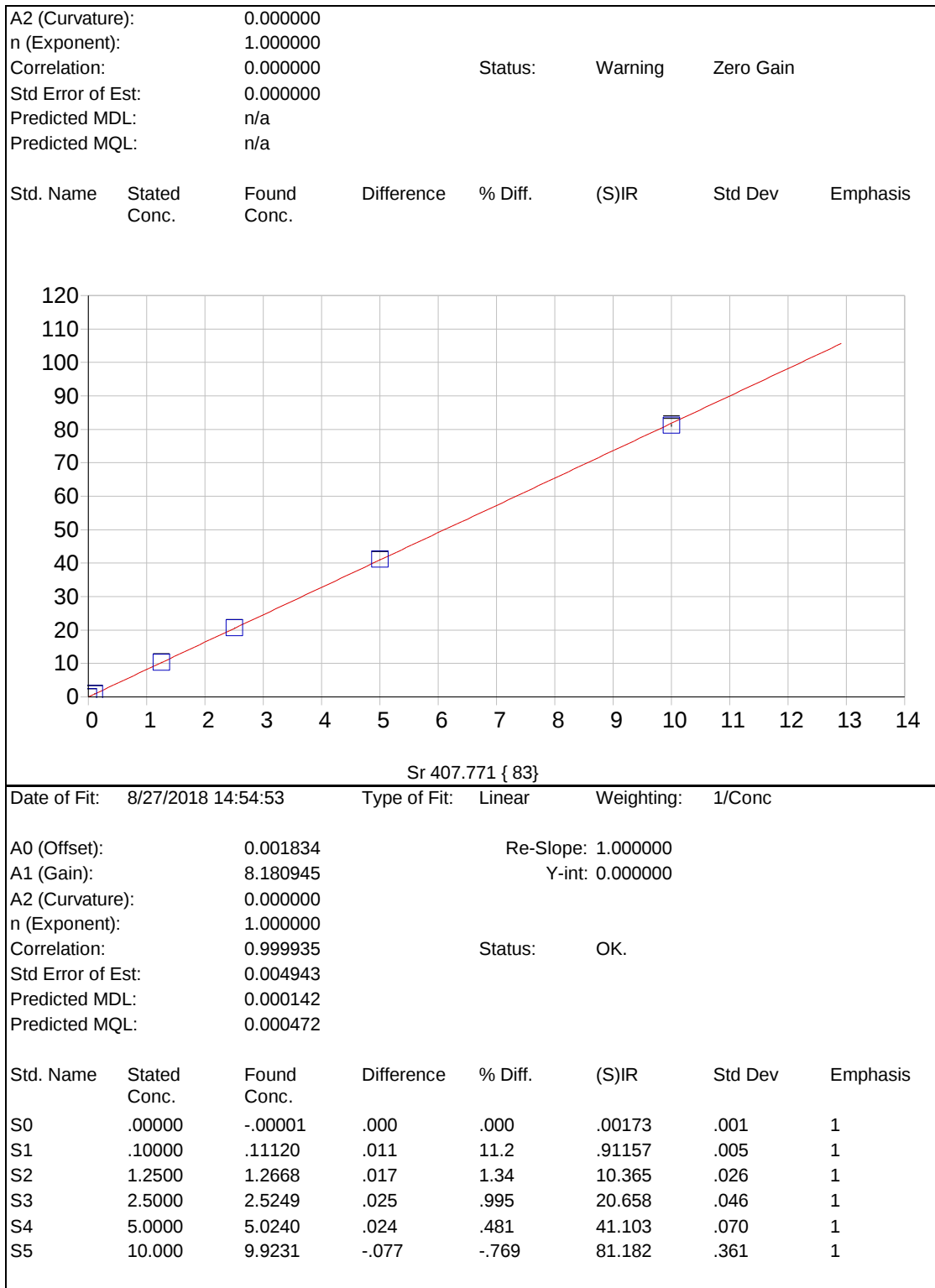
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	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: 8/27/2018 14:17:48 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00035	-.00057	.00014	.00038	.00106	.00159	.00867	-.00286
Stddev	.00010	.00006	.00010	.00002	.00018	.00061	.00155	.00070
%RSD	28.242	10.998	70.649	4.2527	16.977	38.207	17.856	24.471

#1	-.00030	-.00063	.00009	.00037	.00118	.00156	.00971	-.00328
#2	-.00046	-.00051	.00025	.00040	.00116	.00220	.00689	-.00325
#3	-.00028	-.00057	.00007	.00038	.00086	.00099	.00940	-.00205

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	.00096	.00168	-.00001	-.00038	.00081	.00006	.00004	-.00009
Stddev	.00014	.00033	.00005	.00022	.00022	.00034	.00030	.00030
%RSD	14.735	19.867	585.38	59.201	26.851	523.72	678.47	321.92

#1	.00110	.00136	-.00007	-.00040	.00068	-.00002	-.00002	.00004
#2	.00082	.00203	.00000	-.00058	.00106	-.00022	-.00022	.00012
#3	.00095	.00165	.00004	-.00014	.00069	.00043	.00037	-.00044

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	-.00291	-.00136	-.00697	-.00002	-.00008	.01622	-.00094	.00867
Stddev	.00031	.00007	.00106	.00022	.00059	.00146	.00009	.00052
%RSD	10.737	4.9010	15.169	907.12	716.45	8.9774	10.032	6.0209

#1	-.00315	-.00133	-.00798	.00005	-.00072	.01608	-.00101	.00925
#2	-.00256	-.00143	-.00706	.00015	.00002	.01775	-.00098	.00850
#3	-.00303	-.00130	-.00587	-.00027	.00045	.01484	-.00083	.00824

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	.00055	.00058	.00913	.00048	.00125	.02151	.00173	
Stddev	.00022	.00022	.00089	.00001	.00026	.00162	.00110	
%RSD	39.824	37.305	9.6939	2.7082	20.715	7.5232	63.468	

#1	.00040	.00055	.00888	.00049	.00095	.02330	.00126	
#2	.00080	.00038	.01012	.00048	.00138	.02108	.00298	
#3	.00045	.00081	.00840	.00046	.00141	.02015	.00094	

Sample Name: S0 Acquired: 8/27/2018 14:17:48 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) 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	1670.6	2263.8	40974.	4762.0	3286.0
Stddev	10.1	5.1	159.	7.1	4.1
%RSD	.60730	.22606	.38769	.14907	.12606
#1	1659.9	2259.5	40799.	4768.7	3287.2
#2	1671.7	2269.5	41011.	4754.5	3289.3
#3	1680.1	2262.5	41110.	4762.8	3281.3

Sample Name: S1 Acquired: 8/27/2018 14:21:55 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) 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	-.00003	.00069	.00170	.00300	.01212	.01877	.79383	.04022
Stddev	.00006	.00012	.00013	.00028	.00025	.00089	.00377	.00020
%RSD	183.73	17.287	7.4959	9.1968	2.0966	4.7223	.47480	.49737

#1	-.00006	.00063	.00162	.00330	.01227	.01956	.79589	.04025
#2	-.00007	.00060	.00163	.00276	.01227	.01781	.78948	.04040
#3	.00004	.00082	.00185	.00295	.01183	.01893	.79611	.04000

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	.01658	.20666	.00170	.04045	.00359	.00159	.00310	.03350
Stddev	.00040	.00143	.00009	.00009	.00053	.00031	.00032	.00046
%RSD	2.4059	.69217	5.1102	.22247	14.683	19.313	10.457	1.3836

#1	.01703	.20685	.00170	.04048	.00298	.00138	.00341	.03403
#2	.01626	.20799	.00179	.04034	.00391	.00194	.00276	.03319
#3	.01644	.20514	.00161	.04052	.00386	.00144	.00314	.03327

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	.02379	.00130	.03028	.00379	.00303	.15157	.00154	.01276
Stddev	.00014	.00002	.00140	.00030	.00042	.00032	.00010	.00044
%RSD	.57401	1.8090	4.6359	8.0019	13.959	.20813	6.4995	3.4234

#1	.02380	.00128	.03081	.00400	.00255	.15193	.00144	.01299
#2	.02391	.00130	.02869	.00345	.00331	.15135	.00164	.01303
#3	.02364	.00133	.03135	.00394	.00325	.15143	.00154	.01225

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	.00964	.00295	.05077	.00111	.01168	.08374	.91157	
Stddev	.00008	.00007	.00015	.00006	.00103	.00310	.00516	
%RSD	.87302	2.4558	.29613	5.0563	8.7890	3.7040	.56642	

#1	.00955	.00301	.05067	.00106	.01116	.08158	.91728	
#2	.00972	.00298	.05070	.00117	.01101	.08235	.91021	
#3	.00966	.00287	.05094	.00111	.01286	.08730	.90722	

Sample Name: S1 Acquired: 8/27/2018 14:21:55 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) 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	1690.4	2268.1	41587.	4805.1	3315.1
Stddev	17.5	3.9	318.	15.9	4.1
%RSD	1.0343	.16981	.76367	.33027	.12345
#1	1673.0	2268.4	41286.	4818.0	3318.4
#2	1707.9	2271.9	41919.	4810.0	3316.5
#3	1690.2	2264.2	41557.	4787.4	3310.6

Sample Name: S2 Acquired: 8/27/2018 14:26:07 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) 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	.03866	.06112	.89767	.08413	.21318	2.9477	8.8928	.92640
Stddev	.00020	.00030	.00306	.00024	.00134	.0061	.0197	.00391
%RSD	.52760	.49802	.34045	.28947	.62838	.20770	.22094	.42258

#1	.03843	.06098	.89648	.08413	.21238	2.9487	8.8964	.92588
#2	.03882	.06090	.89538	.08438	.21244	2.9412	8.8716	.92277
#3	.03871	.06147	.90114	.08389	.21473	2.9533	8.9103	.93055

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	1.7493	2.4088	.57469	.47973	.33389	.54840	.66471	.38209
Stddev	.0067	.0060	.00088	.00155	.00110	.00099	.00328	.00084
%RSD	.38069	.24967	.15279	.32314	.33068	.18057	.49401	.21926

#1	1.7458	2.4083	.57567	.47829	.33266	.54936	.66457	.38273
#2	1.7451	2.4031	.57441	.47952	.33422	.54738	.66150	.38114
#3	1.7570	2.4151	.57398	.48137	.33479	.54847	.66806	.38239

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	.38478	.07127	.25508	.04183	.19072	.96286	.02846	.62375
Stddev	.00254	.00023	.00171	.00013	.00240	.00164	.00016	.00349
%RSD	.65915	.32681	.67008	.30794	1.2609	.17041	.55835	.55925

#1	.38316	.07149	.25705	.04191	.18852	.96389	.02850	.62203
#2	.38348	.07102	.25412	.04189	.19034	.96097	.02859	.62146
#3	.38770	.07130	.25406	.04168	.19329	.96372	.02828	.62777

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	1.0573	.03115	.55594	.13039	.23431	1.5248	10.365	
Stddev	.0044	.00036	.00391	.00041	.00169	.0053	.026	
%RSD	.41998	1.1693	.70351	.31775	.72162	.35058	.25116	

#1	1.0543	.03108	.55410	.13050	.23239	1.5257	10.340	
#2	1.0553	.03082	.55328	.12993	.23560	1.5190	10.363	
#3	1.0624	.03154	.56043	.13074	.23493	1.5296	10.392	

Sample Name: S2 Acquired: 8/27/2018 14:26:07 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) 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	1669.6	2193.2	41260.	4829.5	3116.6
Stddev	13.0	2.1	88.	8.0	3.4
%RSD	.77894	.09360	.21411	.16617	.10805
#1	1660.3	2193.4	41189.	4829.4	3117.7
#2	1684.5	2195.1	41359.	4837.5	3119.3
#3	1664.0	2191.0	41232.	4821.5	3112.9

Sample Name: S3 Acquired: 8/27/2018 14:30:02 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) 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	.07851	.12225	1.8046	.16688	.42672	5.8377	17.672	1.8005
Stddev	.00040	.00032	.0074	.00021	.00089	.0159	.033	.0092
%RSD	.50769	.26297	.41019	.12622	.20907	.27213	.18751	.50829

#1	.07806	.12188	1.8030	.16705	.42614	5.8312	17.653	1.7999
#2	.07867	.12241	1.7982	.16665	.42628	5.8558	17.710	1.7917
#3	.07881	.12247	1.8127	.16695	.42775	5.8261	17.652	1.8100

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	3.4912	4.7302	1.1344	.96555	.65862	1.0748	1.3028	.75798
Stddev	.0090	.0014	.0004	.00339	.00248	.0012	.0022	.00196
%RSD	.25668	.02993	.03684	.35127	.37622	.11356	.16972	.25828

#1	3.4842	4.7307	1.1346	.96593	.65717	1.0734	1.3002	.75671
#2	3.4881	4.7313	1.1347	.96199	.65721	1.0754	1.3041	.76023
#3	3.5013	4.7286	1.1340	.96874	.66148	1.0755	1.3041	.75699

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	.77134	.14320	.50977	.08215	.37806	1.9118	.05982	1.2206
Stddev	.00226	.00020	.00333	.00093	.00374	.0070	.00019	.0043
%RSD	.29362	.14178	.65265	1.1267	.98944	.36894	.32420	.35565

#1	.77034	.14343	.50873	.08302	.37395	1.9078	.05977	1.2190
#2	.76974	.14304	.51350	.08226	.38126	1.9200	.06003	1.2173
#3	.77393	.14315	.50709	.08117	.37899	1.9077	.05965	1.2256

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	2.1253	.06406	1.0009	.26432	.46308	3.0518	20.658	
Stddev	.0047	.00016	.0045	.00049	.00116	.0062	.046	
%RSD	.22280	.25198	.44944	.18450	.25050	.20306	.22480	

#1	2.1238	.06413	1.0009	.26459	.46192	3.0524	20.631	
#2	2.1214	.06388	.99645	.26375	.46307	3.0578	20.631	
#3	2.1306	.06418	1.0054	.26460	.46424	3.0454	20.711	

Sample Name: S3 Acquired: 8/27/2018 14:30:02 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) 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	1620.5	2112.8	40615.	4835.2	2967.4
Stddev	12.0	3.3	108.	16.0	5.1
%RSD	.74339	.15708	.26516	.33043	.17084
#1	1634.1	2112.2	40715.	4839.1	2968.8
#2	1616.2	2116.4	40501.	4848.9	2971.7
#3	1611.2	2109.9	40629.	4817.7	2961.8

Sample Name: S4 Acquired: 8/27/2018 14:33:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) 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	.16012	.24176	3.6434	.32980	.86967	11.720	35.271	3.5181
Stddev	.00053	.00055	.0116	.00096	.00326	.046	.140	.0253
%RSD	.33231	.22905	.31798	.29179	.37470	.38978	.39765	.71828

#1	.15974	.24113	3.6338	.32886	.86608	11.759	35.405	3.5473
#2	.15989	.24217	3.6401	.32976	.87051	11.669	35.125	3.5034
#3	.16073	.24198	3.6562	.33078	.87243	11.731	35.283	3.5037

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.9470	9.3479	2.2359	1.9385	1.3078	2.1019	2.5494	1.5218
Stddev	.0201	.0259	.0055	.0060	.0038	.0032	.0049	.0035
%RSD	.28980	.27698	.24556	.31124	.28925	.15120	.19336	.23119

#1	6.9317	9.3716	2.2303	1.9337	1.3048	2.1005	2.5499	1.5231
#2	6.9394	9.3203	2.2413	1.9367	1.3066	2.0998	2.5443	1.5179
#3	6.9698	9.3520	2.2359	1.9453	1.3120	2.1056	2.5541	1.5246

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	1.5503	.28915	1.0265	.16228	.75865	3.8826	.12455	2.4115
Stddev	.0041	.00049	.0043	.00015	.00860	.0099	.00024	.0093
%RSD	.26438	.16831	.42048	.08939	1.1335	.25607	.19042	.38407

#1	1.5463	.28967	1.0288	.16212	.76021	3.8908	.12482	2.4217
#2	1.5502	.28870	1.0215	.16231	.74938	3.8715	.12436	2.4036
#3	1.5545	.28909	1.0291	.16240	.76636	3.8855	.12448	2.4092

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	4.2855	.13254	1.9495	.53482	.91837	6.2085	41.103	
Stddev	.0180	.00025	.0118	.00149	.00360	.0079	.070	
%RSD	.41965	.18756	.60626	.27861	.39231	.12794	.17023	

#1	4.2728	.13225	1.9631	.53343	.91530	6.2076	41.041	
#2	4.2776	.13265	1.9433	.53465	.91747	6.2010	41.090	
#3	4.3061	.13271	1.9421	.53640	.92233	6.2168	41.179	

Sample Name: S4 Acquired: 8/27/2018 14:33:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) 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	1538.8	1994.2	39611.	4767.2	2777.1
Stddev	15.4	5.1	192.	17.7	7.0
%RSD	1.0000	.25697	.48538	.37213	.25351
#1	1529.1	1996.7	39646.	4748.1	2781.4
#2	1556.5	1997.5	39784.	4783.1	2780.9
#3	1530.7	1988.3	39404.	4770.5	2769.0

Sample Name: S5 Acquired: 8/27/2018 14:37:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) 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	.34007	.47825	7.4499	.67057	1.8455	23.913	71.096	6.9629
Stddev	.00242	.00290	.0290	.00372	.0058	.050	.174	.0280
%RSD	.71219	.60637	.38994	.55493	.31610	.20767	.24464	.40225

#1	.33770	.47541	7.4238	.66677	1.8419	23.866	70.968	6.9902
#2	.33998	.47815	7.4449	.67073	1.8424	23.965	71.294	6.9343
#3	.34254	.48120	7.4812	.67421	1.8523	23.910	71.025	6.9643

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	13.930	18.658	4.4045	3.9228	2.6356	4.1221	5.0231	3.0812
Stddev	.051	.035	.0009	.0167	.0021	.0115	.0059	.0063
%RSD	.36441	.18672	.02042	.42666	.07802	.27846	.11655	.20527

#1	13.896	18.625	4.4041	3.9132	2.6348	4.1174	5.0226	3.0778
#2	13.906	18.695	4.4040	3.9130	2.6380	4.1352	5.0291	3.0885
#3	13.989	18.653	4.4056	3.9421	2.6341	4.1137	5.0174	3.0773

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	3.1294	.59155	2.0678	.32365	1.5478	8.0128	.26167	4.7215
Stddev	.0104	.00134	.0027	.00277	.0071	.0153	.00188	.0211
%RSD	.33384	.22645	.12921	.85668	.45732	.19121	.71808	.44677

#1	3.1244	.59065	2.0650	.32141	1.5397	7.9982	.25982	4.7458
#2	3.1224	.59092	2.0682	.32675	1.5524	8.0114	.26162	4.7076
#3	3.1414	.59309	2.0703	.32278	1.5514	8.0288	.26358	4.7111

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	8.9545	.27822	3.7722	1.0941	1.8480	12.953	81.182	
Stddev	.0419	.00255	.0112	.0061	.0049	.028	.361	
%RSD	.46753	.91792	.29770	.55346	.26545	.21270	.44502	

#1	8.9190	.27529	3.7831	1.0878	1.8535	12.926	81.590	
#2	8.9437	.27942	3.7607	1.0944	1.8466	12.951	80.902	
#3	9.0006	.27995	3.7728	1.0999	1.8440	12.981	81.054	

Sample Name: S5 Acquired: 8/27/2018 14:37:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) 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	1420.6	1784.1	37818.	4612.9	2521.1
Stddev	5.2	8.7	159.	10.4	10.0
%RSD	.36735	.48715	.42158	.22645	.39695
#1	1421.2	1786.7	37942.	4608.3	2523.3
#2	1425.4	1791.1	37874.	4624.9	2529.9
#3	1415.1	1774.4	37638.	4605.5	2510.2

Sample Name: S6 Acquired: 8/27/2018 14:41:42 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) 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	64.947	29.514	11.056	5.1286	5.9029
Stddev	.349	.074	.055	.0250	.0223
%RSD	.53780	.25008	.49735	.48791	.37734

#1	64.559	29.441	11.023	5.1080	5.8796
#2	65.235	29.588	11.119	5.1564	5.9240
#3	65.047	29.514	11.025	5.1214	5.9051

Int. Std.	Y_3710
Units	Cts/S
Avg	4660.3
Stddev	7.1
%RSD	.15291

#1	4664.2
#2	4652.1
#3	4664.6

Sample Name: ICV Acquired: 8/27/2018 14:45:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9899498	1.085224	1.018874	1.032891	.9633896	2.402641
Stddev	.0117615	.005209	.007694	.002246	.0046600	.003785
%RSD	1.188087	.4800334	.7551424	.2174844	.4837134	.1575376

#1	.9920979	1.083103	1.015344	1.033687	.9600525	2.406250
#2	.9772624	1.081409	1.013578	1.030355	.9614024	2.402970
#3	1.000489	1.091159	1.027699	1.034630	.9687138	2.398702

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5248941	.5166109	.5154085	10.30733	.5259187	.5092839
Stddev	.0015039	.0049215	.0017088	.04864	.0017103	.0022010
%RSD	.2865100	.9526522	.3315339	.4719195	.3252033	.4321797

#1	.5265855	.5222898	.5149479	10.33924	.5253068	.5080734
#2	.5237077	.5135865	.5139772	10.25134	.5278508	.5079538
#3	.5243891	.5139564	.5173003	10.33139	.5245985	.5118244

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5405406	5.460237	.5440267	5.803920	.5247814	.5018571
Stddev	.0081254	.020156	.0013047	.062052	.0019610	.0035091
%RSD	1.503202	.3691469	.2398327	1.069135	.3736780	.6992195

#1	.5339325	5.441293	.5453819	5.803329	.5235323	.5058727
#2	.5380765	5.458000	.5439193	5.866265	.5237704	.4993810
#3	.5496129	5.481419	.5427791	5.742166	.5270416	.5003174

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.722647	.5241703	.9564373	9.658477	F .0117140	F 2.562770
Stddev	.417885	.0054190	.0109724	.092568	.0039871	.026175
%RSD	4.298056	1.033817	1.147214	.9584080	34.03724	1.021339

#1	9.275581	.5269043	.9626793	9.761237	.0159722	2.592984
#2	9.788934	.5179290	.9437679	9.581620	.0080690	2.548318
#3	10.10343	.5276776	.9628646	9.632574	.0111008	2.547008

Sample Name: ICV Acquired: 8/27/2018 14:45:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.512664	.0030698	2.584774	F 2.532968	2.732576	.0115859
Stddev	.007738	.0029593	.030106	.004349	.000891	.0014480
%RSD	.3079657	96.40022	1.164743	.1717021	.0326001	12.49801

#1	2.508464	.0013434	2.618991	2.533147	2.733386	.0117985
#2	2.507935	.0013791	2.562349	2.528532	2.731622	.0100433
#3	2.521594	.0064869	2.572982	2.537225	2.732720	.0129158

Elem	Sr4077
Units	ppm
Avg	.0124494
Stddev	.0001857
%RSD	1.491315

#1	.0126617
#2	.0123692
#3	.0123174

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1738.585	2256.035	42828.93	4952.489	3269.105
Stddev	3.295	3.148	158.97	33.473	7.098
%RSD	.1894935	.1395172	.3711766	.6758876	.2171367

#1	1734.781	2255.061	42753.37	4914.598	3268.749
#2	1740.465	2259.554	42721.82	4964.824	3276.375
#3	1740.509	2253.489	43011.58	4978.044	3262.192

Sample Name: ICB Acquired: 8/27/2018 14:49:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030486	.0034703	-.000620	.0005798	-.001065	.0125931
Stddev	.0011531	.0016026	.002389	.0024817	.001484	.0125191
%RSD	37.82490	46.18033	385.0054	427.9898	139.4090	99.41281

#1	.0032728	.0040434	-.003081	-.001897	-.002738	.0056092
#2	.0017998	.0047076	.001689	.003066	.000095	.0270461
#3	.0040731	.0016600	-.000470	.000570	-.000552	.0051238

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000288	.0000656	.0000401	-.001065	-.000154	-.000117
Stddev	.000626	.0000520	.0000179	.023358	.000545	.000073
%RSD	217.5914	79.23704	44.61392	2193.609	353.6166	62.28226

#1	-.001008	.0000613	.0000347	-.010956	-.000733	-.000119
#2	.000129	.0001196	.0000255	-.017850	-.000077	-.000043
#3	.000016	.0000159	.0000601	.025612	.000348	-.000189

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048913	.0089828	-.000986	-.060932	.0001199	.0004876
Stddev	.0050174	.0030150	.000373	.017853	.0002816	.0002125
%RSD	102.5771	33.56398	37.77268	29.29928	234.8430	43.58521

#1	.0028685	.0073980	-.000616	-.080933	-.000132	.0002649
#2	.0106044	.0070907	-.001361	-.046609	.000424	.0005097
#3	.0012011	.0124597	-.000982	-.055253	.000068	.0006882

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.079695	-.001813	-.004884	.1014961	-.001325	F .0114328
Stddev	.332407	.000857	.008437	.0358884	.003573	.0018783
%RSD	417.0984	47.25523	172.7488	35.35940	269.6422	16.42887

#1	.222824	-.000963	-.013490	.0887065	-.004564	.0135907
#2	-.435542	-.001801	.003372	.1420274	-.001918	.0105424
#3	-.026367	-.002677	-.004534	.0737545	.002507	.0101653

Sample Name: ICB Acquired: 8/27/2018 14:49:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002688	-.000845	-.004281	.0015190	-.000679	.0024607
Stddev	.0001465	.006168	.001662	.0001776	.000480	.0016611
%RSD	54.47775	729.8510	38.82853	11.69094	70.70753	67.50417

#1	.0001085	-.000887	-.004243	.0017232	-.000703	.0042161
#2	.0003025	-.006992	-.002638	.0014325	-.001146	.0022527
#3	.0003956	.005343	-.005962	.0014011	-.000187	.0009135

Elem	Sr4077
Units	ppm
Avg	-.000028
Stddev	.000063
%RSD	225.9056

#1	-.000083
#2	.000041
#3	-.000041

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1683.413	2194.960	41412.24	4793.417	3181.050
Stddev	17.735	7.345	209.00	23.412	8.101
%RSD	1.053529	.3346159	.5046768	.4884206	.2546800

#1	1691.885	2194.020	41449.23	4792.550	3175.609
#2	1663.031	2202.729	41187.21	4817.250	3190.361
#3	1695.323	2188.130	41600.27	4770.450	3177.180

Sample Name: ICSA Acquired: 8/27/2018 14:57:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) 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	-.001358	.0022513	-.007502	-.016692	.0033857	238.0704
Stddev	.003234	.0004421	.001018	.006296	.0002204	.1472
%RSD	238.2129	19.63974	13.57350	37.71790	6.511241	.0618122

#1	-.001039	.0024314	-.006328	-.015171	.0036243	238.1719
#2	.001706	.0017475	-.008149	-.011296	.0031895	237.9016
#3	-.004739	.0025749	-.008028	-.023609	.0033435	238.1376

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055147	.0009468	-.000398	244.3375	.0534115	-.000250
Stddev	.0005779	.0000732	.000140	.1822	.0008626	.000242
%RSD	10.47987	7.728371	35.08695	.0745670	1.615003	96.83628

#1	.0048582	.0010236	-.000239	244.5191	.0540513	-.000001
#2	.0059467	.0009389	-.000502	244.1547	.0524305	-.000264
#3	.0057392	.0008779	-.000453	244.3388	.0537527	-.000486

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003921	102.1540	.0108940	248.4010	.0034362	F .0121736
Stddev	.0037623	.2451	.0000782	.7450	.0005816	.0001636
%RSD	959.4462	.2399719	.7175830	.2999026	16.92585	1.344053

#1	.0003227	102.2625	.0108869	249.2450	.0037306	.0121820
#2	-.003335	102.3262	.0109754	248.1229	.0027663	.0123329
#3	.004189	101.8733	.0108196	247.8350	.0038117	.0120060

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0760575	-.006382	-.014177	-.097974	-.001457	F .0872717
Stddev	.3461951	.008641	.009421	.047074	.007463	.0024795
%RSD	455.1757	135.4024	66.45637	48.04711	512.0959	2.841119

#1	.4342669	.002770	-.003617	-.092140	.005876	.0899090
#2	.0506263	-.007515	-.017191	-.054089	-.001204	.0869183
#3	-.256721	-.014401	-.021722	-.147693	-.009043	.0849879

Sample Name: ICSA Acquired: 8/27/2018 14:57:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) 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	.0021395	.0029252	-.011402	-.003926	-.003784	.0041325
Stddev	.0008577	.0050637	.000422	.001556	.001874	.0017643
%RSD	40.08741	173.1031	3.705126	39.62529	49.53081	42.69416

#1	.0029876	-.002893	-.011676	-.005562	-.005946	.0035061
#2	.0012725	.006333	-.011615	-.003749	-.002783	.0061245
#3	.0021585	.005337	-.010916	-.002466	-.002622	.0027668

Elem	Sr4077
Units	ppm
Avg	.1038666
Stddev	.0001228
%RSD	.1182217

#1	.1038347
#2	.1037630
#3	.1040022

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1641.564	2121.833	40627.56	4879.350	2890.202
Stddev	2.920	1.617	126.16	19.125	2.929
%RSD	.1778585	.0761937	.3105371	.3919668	.1013568

#1	1638.229	2120.660	40561.40	4900.544	2889.459
#2	1643.659	2121.162	40548.24	4863.378	2887.717
#3	1642.804	2123.677	40773.05	4874.127	2893.432

Sample Name: ICSAB Acquired: 8/27/2018 15:01:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) 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	.1024804	.1048264	.0452972	.0314713	.5827362	235.5549
Stddev	.0051995	.0027707	.0015801	.0062310	.0012973	.1350
%RSD	5.073656	2.643103	3.488221	19.79889	.2226251	.0572980

#1	.0985764	.1060518	.0468601	.0361322	.5827950	235.7018
#2	.1083826	.1016543	.0437005	.0338876	.5814105	235.4363
#3	.1004823	.1067730	.0453311	.0243941	.5840031	235.5267

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5228077	.5067165	1.006558	242.3779	.5739318	.4988683
Stddev	.0013433	.0043526	.001288	.3593	.0029476	.0009276
%RSD	.2569466	.8589744	.1280009	.1482579	.5135736	.1859411

#1	.5237380	.5023848	1.006426	242.3128	.5765309	.4984787
#2	.5212676	.5066749	1.005340	242.0555	.5745353	.4981991
#3	.5234174	.5110897	1.007907	242.7653	.5707292	.4999272

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5187669	101.2431	.5359380	246.0861	1.027673	.1641688
Stddev	.0029139	.1992	.0013532	.2881	.001233	.0003370
%RSD	.5617031	.1967338	.2524897	.1170750	.1200182	.2052559

#1	.5184035	101.4580	.5374908	246.1138	1.027796	.1643835
#2	.5160517	101.2065	.5350106	245.7852	1.026383	.1643425
#3	.5218455	101.0647	.5353126	246.3594	1.028840	.1637804

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0659873	.5028122	.9451411	-.123069	.0141381	F .0846830
Stddev	.3962147	.0079555	.0066424	.031688	.0018031	.0020152
%RSD	600.4408	1.582197	.7027893	25.74785	12.75371	2.379724

#1	.4302437	.5081030	.9469509	-.145021	.0138586	.0870059
#2	-.355878	.5066704	.9506911	-.137443	.0160646	.0836404
#3	.123597	.4936633	.9377815	-.086742	.0124910	.0834027

Sample Name: ICSAB Acquired: 8/27/2018 15:01:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) 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	.0031582	.0071724	-.007370	-.006605	-.004345	.0002383
Stddev	.0003511	.0013379	.001045	.001511	.002807	.0012805
%RSD	11.11607	18.65348	14.17941	22.86980	64.59640	537.2376

#1	.0028364	.0063333	-.008507	-.007070	-.002168	.0016795
#2	.0035326	.0087153	-.007151	-.004917	-.003355	-.000769
#3	.0031057	.0064686	-.006452	-.007829	-.007513	-.000196

Elem	Sr4077
Units	ppm
Avg	.1027846
Stddev	.0003113
%RSD	.3028833

#1	.1027281
#2	.1025054
#3	.1031203

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1646.377	2129.957	40839.52	4902.846	2906.805
Stddev	12.012	7.499	74.81	21.070	4.240
%RSD	.7296136	.3520653	.1831774	.4297537	.1458490

#1	1656.962	2130.564	40881.59	4927.166	2902.459
#2	1633.322	2137.134	40753.15	4890.104	2910.930
#3	1648.849	2122.173	40883.82	4891.267	2907.026

Sample Name: CCV004 Acquired: 8/27/2018 15:05:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.820214	4.860218	24.66137	4.711695	4.897610	408.5096	9.947305
Stddev	.025986	.026244	.13214	.025343	.023601	1.8011	.030378
%RSD	.5390958	.5399843	.5358096	.5378827	.4818811	.4408989	.3053921

#1	4.790601	4.829915	24.51408	4.683624	4.870864	409.5387	9.980097
#2	4.830826	4.875065	24.76951	4.718566	4.915506	409.5602	9.941694
#3	4.839213	4.875672	24.70053	4.732894	4.906461	406.4299	9.920123

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4886781	2.446961	406.3488	15.15393	2.471524	14.97878	416.8335
Stddev	.0036310	.011942	.9926	.03012	.013080	.01323	1.5623
%RSD	.7430357	.4880327	.2442648	.1987715	.5292453	.0883319	.3748127

#1	.4854219	2.433191	407.1391	15.13161	2.456456	14.99214	417.9801
#2	.4925936	2.453212	406.6724	15.14198	2.478157	14.96568	417.4665
#3	.4880188	2.454480	405.2348	15.18819	2.479959	14.97853	415.0540

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.71884	406.3856	2.509720	1.275093	396.2550	2.457015	14.47370
Stddev	.05209	1.3146	.013731	.004045	1.5854	.008975	.09882
%RSD	.3539259	.3234858	.5471314	.3172365	.4000883	.3652929	.6827538

#1	14.74184	406.8581	2.494181	1.277228	397.9061	2.447521	14.58700
#2	14.75547	407.3987	2.520222	1.277623	396.1142	2.458164	14.40532
#3	14.65920	404.9001	2.514756	1.270428	394.7447	2.465361	14.42878

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.2741	5.147860	5.015314	4.824100	5.070714	4.751822	5.018461
Stddev	.4102	.017093	.042055	.027227	.014184	.029338	.023624
%RSD	.2729964	.3320493	.8385267	.5643930	.2797183	.6174131	.4707490

#1	150.2451	5.129299	4.984508	4.792864	5.084991	4.725649	4.999455
#2	150.6980	5.151327	5.063226	4.836634	5.056626	4.783536	5.044911
#3	149.8791	5.162954	4.998208	4.842803	5.070525	4.746280	5.011017

Sample Name: CCV004 Acquired: 8/27/2018 15:05:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV004 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.994220	5.053165	5.002015
Stddev	.013635	.006558	.009216
%RSD	.2730139	.1297724	.1842554

#1	4.995545	5.060691	5.011638
#2	4.979971	5.050128	5.001141
#3	5.007144	5.048677	4.993268

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1519.761	1929.238	39130.22	4773.755	2611.574
Stddev	5.608	10.003	143.74	17.142	11.558
%RSD	.3689886	.5184883	.3673497	.3590984	.4425752

#1	1513.553	1940.507	39018.07	4785.600	2624.816
#2	1524.460	1925.795	39080.33	4754.098	2603.511
#3	1521.269	1921.411	39292.26	4781.568	2606.396

Sample Name: CCB004 Acquired: 8/27/2018 15:09:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003259	.0012983	.0001814	.0008900	-.001102	.0071187	-.000844
Stddev	.002712	.0021210	.0010731	.0021710	.002446	.0053000	.000755
%RSD	83.21184	163.3747	591.6120	243.9299	221.9479	74.45157	89.45094

#1	-.003337	.0007082	.0013537	.0033968	-.002070	.0013108	-.001705
#2	-.000509	-.000465	-.000057	-.000378	.001680	.0116934	-.000530
#3	-.005932	.003652	-.000752	-.000349	-.002916	.0083518	-.000296

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000867	-.000102	.0147011	.0003970	.0002727	.0074317	.0001289
Stddev	.0000461	.000038	.0099279	.0002054	.0001361	.0010508	.0097718
%RSD	53.13060	37.48868	67.53190	51.74773	49.88914	14.13915	7581.255

#1	.0000344	-.000093	.0100276	.0001623	.0001588	.0086396	.0096364
#2	.0001214	-.000069	.0079723	.0004846	.0002360	.0069274	-.009887
#3	.0001043	-.000144	.0261032	.0005441	.0004234	.0067282	.000638

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000003	-.010451	.0002254	.0008548	-.197179	-.001787	.0029720
Stddev	.001289	.062565	.0003364	.0003734	.352584	.012126	.0112478
%RSD	51029.10	598.6625	149.2370	43.67911	178.8143	678.6188	378.4547

#1	.000465	-.061280	.0006077	.0008268	-.123466	-.001631	-.009206
#2	-.001460	-.029496	-.000025	.0012414	.112721	.010260	.005152
#3	.000988	.059424	.000094	.0004962	-.580791	-.013990	.012970

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1033308	-.001201	.0072826	-.000018	-.007565	-.008302	-.000512
Stddev	.0497829	.003198	.0004936	.000199	.004124	.001891	.000208
%RSD	48.17823	266.2784	6.777058	1125.816	54.51319	22.77859	40.66688

#1	.1009614	-.003610	.0073482	.000206	-.008369	-.008121	-.000746
#2	.0547748	-.002421	.0077401	-.000175	-.003098	-.006507	-.000440
#3	.1542560	.002428	.0067595	-.000084	-.011227	-.010276	-.000349

Sample Name: CCB004 Acquired: 8/27/2018 15:09:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB004 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003993	.0012921	.0000634
Stddev	.001747	.0028301	.0001222
%RSD	43.75479	219.0352	192.7575

#1	-.001993	.0045094	-.000078
#2	-.004767	.0001794	.000138
#3	-.005221	-.000813	.000130

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1708.016	2203.141	42112.78	4876.383	3190.247
Stddev	15.052	5.987	211.66	29.782	5.725
%RSD	.8812627	.2717599	.5025949	.6107486	.1794523

#1	1691.303	2201.437	41893.68	4854.275	3191.456
#2	1720.503	2209.795	42316.11	4910.250	3195.271
#3	1712.243	2198.190	42128.57	4864.625	3184.014

Sample Name: PB112359BL Acquired: 8/27/2018 15:18:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002762	.0001450	-.002100	.0014073	-.001713	.0152985	-.000797
Stddev	.0050812	.0005395	.001384	.0023917	.001435	.0090148	.000303
%RSD	1839.559	372.1126	65.92161	169.9489	83.77701	58.92587	37.99711

#1	.0046204	-.000463	-.000687	.0004308	-.000545	.0168171	-.000723
#2	.0015195	.000333	-.002159	.0041327	-.003315	.0234575	-.000538
#3	-.005311	.000565	-.003453	-.000342	-.001280	.0056209	-.001130

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000469	.0000307	.0135728	.0003154	-.000065	.0063980	-.010448
Stddev	.0000216	.0000262	.0333008	.0001160	.000140	.0050215	.011619
%RSD	46.03057	85.40749	245.3482	36.77235	214.3772	78.48622	111.2130

#1	.0000369	.0000511	-.006946	.0003624	-.000040	.0108278	-.003870
#2	.0000321	.0000011	.051996	.0001833	.000060	.0074231	-.003610
#3	.0000716	.0000400	-.004332	.0004006	-.000216	.0009430	-.023864

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000385	-.063616	-.000245	.0007442	-.111850	-.000168	-.008926
Stddev	.000944	.020172	.000528	.0006606	.268896	.004027	.010025
%RSD	245.0773	31.70876	215.1606	88.76285	240.4072	2395.126	112.3107

#1	-.001267	-.048758	-.000614	.0000572	-.414600	.002229	-.011320
#2	-.000498	-.055509	.000360	.0013747	.099206	.002084	-.017539
#3	.000610	-.086579	-.000482	.0008006	-.020157	-.004817	.002079

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0258555	-.001493	-.006038	.0000302	-.004080	-.008453	-.000162
Stddev	.0730885	.002884	.001077	.0000320	.007757	.004077	.000617
%RSD	282.6801	193.1671	17.84000	106.0730	190.1152	48.22989	381.1203

#1	-.057870	-.004770	-.006864	.0000177	-.012795	-.011150	-.000873
#2	.076908	-.000364	-.004820	.0000063	.002069	-.003763	.000154
#3	.058529	.000656	-.006431	.0000666	-.001515	-.010447	.000233

Sample Name: PB112359BL Acquired: 8/27/2018 15:18:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003330	-.001575	-.000045
Stddev	.001553	.003253	.000200
%RSD	46.64963	206.5995	441.7987

#1	-.003020	-.004630	-.000145
#2	-.005014	.001846	.000185
#3	-.001954	-.001940	-.000177

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1722.689	2225.807	42431.44	4735.525	3225.718
Stddev	4.099	5.050	58.32	376.793	11.501
%RSD	.2379253	.2268920	.1374422	7.956740	.3565279

#1	1717.994	2220.399	42498.75	4955.425	3216.110
#2	1724.520	2230.400	42399.46	4300.450	3238.461
#3	1725.553	2226.621	42396.11	4950.700	3222.582

Sample Name: PB112359BS Acquired: 8/27/2018 15:22:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0185480	.0531613	.0200423	.0745165	.1212141	.3899624
Stddev	.0037979	.0024614	.0008418	.0029563	.0019362	.0092824
%RSD	20.47614	4.630025	4.200108	3.967339	1.597329	2.380339

#1	.0212578	.0532095	.0199447	.0759844	.1206634	.3872495
#2	.0201792	.0506761	.0209287	.0711135	.1196129	.3823387
#3	.0142070	.0555981	.0192536	.0764517	.1233659	.4002990

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4073248	.0109620	.0103172	10.02247	.0223250	.0975598
Stddev	.0003875	.0001096	.0001168	.03836	.0005003	.0002505
%RSD	.0951199	1.000087	1.131798	.3827118	2.240787	.2567475

#1	.4073652	.0108600	.0103180	10.03215	.0218219	.0972762
#2	.4069188	.0110779	.0102001	9.98021	.0228224	.0977510
#3	.4076905	.0109482	.0104336	10.05507	.0223308	.0976521

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0605346	.2175726	.0326977	9.682482	.0830411	.0210438
Stddev	.0043957	.0184507	.0014383	.065523	.0006996	.0001554
%RSD	7.261509	8.480265	4.398911	.6767167	.8425096	.7385666

#1	.0623875	.2384102	.0315307	9.723026	.0823344	.0210486
#2	.0555158	.2033100	.0322578	9.717531	.0837334	.0208861
#3	.0637005	.2109977	.0343046	9.606889	.0830556	.0211968

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.391398	.1046596	.1003829	9.061872	F .1833259	.0113832
Stddev	.193550	.0066599	.0051202	.073923	.0008502	.0015881
%RSD	2.060928	6.363418	5.100617	.8157599	.4637444	13.95107

#1	9.220555	.1003497	.0990797	8.996575	.1827866	.0117259
#2	9.352035	.1123303	.0960403	9.046910	.1843059	.0127720
#3	9.601604	.1012989	.1060287	9.142132	.1828850	.0096518

Sample Name: PB112359BS Acquired: 8/27/2018 15:22:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0202434	.1800258	.1857362	F .0118236	.1017215	.0895445
Stddev	.0002026	.0044752	.0008359	.0019694	.0012133	.0006616
%RSD	1.001080	2.485883	.4500691	16.65643	1.192733	.7388436

#1	.0202608	.1851847	.1847766	.0139225	.1019788	.0902938
#2	.0204368	.1771866	.1861257	.0100162	.1027854	.0892991
#3	.0200326	.1777062	.1863064	.0115320	.1004002	.0890407

Elem	Sr4077
Units	ppm
Avg	.2047764
Stddev	.0001377
%RSD	.0672561

#1	.2046174
#2	.2048588
#3	.2048531

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1740.425	2217.280	42829.41	4961.558	3227.667
Stddev	7.357	3.840	213.51	23.558	5.515
%RSD	.4226860	.1731643	.4985198	.4748157	.1708655

#1	1739.667	2217.425	42946.74	4977.700	3228.215
#2	1733.478	2221.045	42582.96	4972.450	3232.888
#3	1748.132	2213.370	42958.53	4934.525	3221.899

Sample Name: J4600-01 Acquired: 8/27/2018 15:26:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB63 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0597413	-.000868	4.630733	-.014177	.0036270	63.92084	1.553072
Stddev	.0066834	.002942	.021218	.004156	.0009778	.17047	.003291
%RSD	11.18721	339.0566	.4581989	29.31101	26.95856	.2666895	.2118866

#1	.0637150	.001373	4.617879	-.014568	.0043603	63.86085	1.550318
#2	.0634837	.000223	4.619097	-.009840	.0025169	64.11319	1.556716
#3	.0520251	-.004199	4.655223	-.018124	.0040038	63.78847	1.552182

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049702	.0129328	59.95489	.0924630	.0658263	.5055388	120.0790
Stddev	.0001428	.0001176	.06513	.0004790	.0001090	.0039905	.1711
%RSD	2.872932	.9090321	.1086382	.5180100	.1655237	.7893568	.1424531

#1	.0049272	.0129128	59.89415	.0928622	.0659503	.5089602	120.2701
#2	.0051296	.0128265	60.02367	.0919319	.0657458	.5065010	119.9401
#3	.0048539	.0130591	59.94685	.0925948	.0657829	.5011552	120.0267

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.938959	29.01989	.0701603	.0011373	-.044599	.2199043	1.039796
Stddev	.009513	.04402	.0002279	.0006284	.222272	.0030908	.013858
%RSD	.2415182	.1517006	.3248653	55.25559	498.3747	1.405513	1.332720

#1	3.931785	29.05976	.0699193	.0018058	.011976	.2233585	1.024610
#2	3.949751	28.97264	.0701891	.0010475	.143917	.2189547	1.043022
#3	3.935342	29.02726	.0703724	.0005586	-.289692	.2173998	1.051756

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.610209	3.339134	.1131504	.0078172	3.849430	8.984462	.0030927
Stddev	.134229	.018028	.0013917	.0002882	.016592	.051705	.0013595
%RSD	2.030627	.5399078	1.229974	3.686925	.4310179	.5754885	43.95642

#1	6.488305	3.321321	.1122679	.0081103	3.833524	8.936685	.0016451
#2	6.754058	3.338711	.1124286	.0078071	3.848134	9.039357	.0043422
#3	6.588265	3.357371	.1147548	.0075342	3.866632	8.977344	.0032909

Sample Name: J4600-01 Acquired: 8/27/2018 15:26:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAB63 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7063801	.0407932	.1244791
Stddev	.0013782	.0015237	.0003648
%RSD	.1951091	3.735280	.2930714

#1	.7078403	.0402802	.1243370
#2	.7061980	.0425073	.1248936
#3	.7051019	.0395922	.1242067

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1803.380	2311.850	45114.83	5297.284	3186.754
Stddev	5.547	10.122	173.26	1.564	14.401
%RSD	.3075859	.4378290	.3840368	.0295179	.4518909

#1	1808.052	2313.923	44915.71	5295.488	3188.725
#2	1797.249	2320.775	45231.15	5298.021	3200.067
#3	1804.839	2300.852	45197.63	5298.344	3171.469

Sample Name: J4600-02 Acquired: 8/27/2018 15:30:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB63D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0617476	-.002005	4.579450	-.011607	.0047164	62.83135	1.525864
Stddev	.0027576	.002277	.014078	.004101	.0027189	.61254	.011655
%RSD	4.465879	113.5365	.3074204	35.33263	57.64814	.9749021	.7638188

#1	.0587560	.000605	4.572417	-.009257	.0047099	62.17534	1.515212
#2	.0622991	-.003037	4.570273	-.009221	.0074385	62.93035	1.524066
#3	.0641877	-.003583	4.595658	-.016342	.0020007	63.38837	1.538313

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049105	.0126665	58.84915	.0919842	.0654866	.5022256	118.4685
Stddev	.0000733	.0000703	.54908	.0005032	.0001312	.0035735	1.1557
%RSD	1.492246	.5550365	.9330371	.5470049	.2003766	.7115270	.9755555

#1	.0049683	.0126538	58.32691	.0918457	.0655060	.5002859	117.3462
#2	.0048281	.0127423	58.79890	.0915648	.0653468	.5000414	118.4044
#3	.0049352	.0126034	59.42163	.0925421	.0656071	.5063494	119.6550

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.882431	28.72285	.0692792	.0012406	.1713542	.2154344	1.035605
Stddev	.030924	.19424	.0003721	.0004716	.3575910	.0075679	.006834
%RSD	.7965227	.6762666	.5371088	38.01649	208.6852	3.512852	.6599008

#1	3.852958	28.51675	.0695203	.0007495	-.198617	.2098485	1.039139
#2	3.879708	28.74927	.0688507	.0012823	.515124	.2124074	1.039948
#3	3.914627	28.90253	.0694667	.0016899	.197555	.2240472	1.027727

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.431189	3.308460	.1130161	.0075598	3.807463	8.721533	.0035127
Stddev	.027487	.012469	.0024727	.0003673	.021500	.110383	.0022092
%RSD	.4273954	.3768838	2.187957	4.858682	.5646928	1.265636	62.89241

#1	6.417737	3.302212	.1101692	.0071494	3.806408	8.625623	.0026202
#2	6.462810	3.300350	.1146285	.0076722	3.786510	8.696789	.0060286
#3	6.413019	3.322818	.1142506	.0078577	3.829472	8.842188	.0018894

Sample Name: J4600-02 Acquired: 8/27/2018 15:30:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB63D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7018821	.0372569	.1223790
Stddev	.0094563	.0018736	.0009363
%RSD	1.347283	5.028940	.7651086

#1	.6929934	.0366679	.1214570
#2	.7008342	.0393542	.1223510
#3	.7118188	.0357485	.1233291

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1823.305	2334.303	45443.74	5381.111	3222.664
Stddev	6.927	4.358	79.21	68.308	6.723
%RSD	.3799322	.1867148	.1743103	1.269402	.2086074

#1	1824.272	2334.316	45375.65	5429.702	3220.635
#2	1829.697	2338.655	45530.68	5410.622	3230.167
#3	1815.944	2329.938	45424.89	5303.008	3217.190

Sample Name: J4600-03 Acquired: 8/27/2018 15:34:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB63S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1498384	.1136705	4.544334	.0982243	.2340127	66.43411	6.462187
Stddev	.0019282	.0009405	.011556	.0028126	.0008954	.02241	.011810
%RSD	1.286868	.8273548	.2542950	2.863433	.3826258	.0337259	.1827522

#1	.1499385	.1129898	4.531256	.0950392	.2330068	66.41233	6.464212
#2	.1478620	.1147436	4.548575	.1003665	.2343090	66.43293	6.449496
#3	.1517145	.1132781	4.553170	.0992672	.2347224	66.45709	6.472854

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1195462	.1327712	58.08821	.5723434	1.281722	1.122608	119.1585
Stddev	.0003970	.0002924	.12464	.0013867	.005413	.003328	.1689
%RSD	.3321297	.2202135	.2145665	.2422791	.4223064	.2964080	.1417493

#1	.1191580	.1325682	58.02023	.5731534	1.276761	1.119697	119.3530
#2	.1195290	.1326391	58.01234	.5707422	1.280910	1.121894	119.0493
#3	.1199515	.1331064	58.23206	.5731345	1.287494	1.126235	119.0730

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.067419	28.18489	1.326441	.1108288	.3572577	1.440397	2.135305
Stddev	.016495	.12981	.003623	.0005474	.1667061	.002477	.038946
%RSD	.3255192	.4605657	.2731036	.4938811	46.66271	.1719705	1.823900

#1	5.085733	28.28406	1.323964	.1114425	.2571900	1.438137	2.179954
#2	5.053728	28.03797	1.324759	.1103912	.2648809	1.443046	2.108331
#3	5.062796	28.23265	1.330598	.1106525	.5497021	1.440009	2.117630

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.387097	3.250479	.1117283	.0072417	3.729656	8.568420	.0046320
Stddev	.056432	.026658	.0027119	.0003024	.033676	.025664	.0008585
%RSD	.8835262	.8201132	2.427270	4.175547	.9029351	.2995214	18.53413

#1	6.379824	3.225026	.1108725	.0074382	3.700738	8.540973	.0041487
#2	6.334654	3.248215	.1095475	.0073935	3.766630	8.591822	.0041240
#3	6.446813	3.278197	.1147649	.0068935	3.721601	8.572465	.0056232

Sample Name: J4600-03 Acquired: 8/27/2018 15:34:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAB63S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6800276	.0406173	.1204501
Stddev	.0048584	.0007447	.0003022
%RSD	.7144467	1.833423	.2509144

#1	.6802960	.0398621	.1201534
#2	.6750405	.0413510	.1204392
#3	.6847463	.0406389	.1207576

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1822.317	2334.956	45544.03	5370.455	3226.127
Stddev	15.893	6.003	235.37	23.626	6.904
%RSD	.8721543	.2571019	.5168025	.4399223	.2139941

#1	1807.700	2335.608	45321.24	5387.931	3231.097
#2	1839.236	2340.606	45790.24	5343.576	3229.041
#3	1820.015	2328.653	45520.61	5379.859	3218.244

Sample Name: J4600-01LX5 Acquired: 8/27/2018 15:38:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB63L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0146099	-.001362	.9688488	-.004560	.0005968	13.56998	.3301256
Stddev	.0019438	.001324	.0048567	.002667	.0015958	.08077	.0007631
%RSD	13.30448	97.17775	.5012834	58.48746	267.3900	.5951808	.2311706

#1	.0123677	-.002151	.9724207	-.002782	-.001142	13.47676	.3299872
#2	.0156438	.000166	.9633187	-.007627	.001994	13.61905	.3294412
#3	.0158182	-.002102	.9708070	-.003271	.000939	13.61412	.3309485

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011088	.0026611	12.89846	.0197851	.0134108	.1066102	25.94996
Stddev	.0000929	.0001140	.06771	.0003254	.0001550	.0037960	.02801
%RSD	8.376383	4.284451	.5249716	1.644764	1.155792	3.560644	.1079447

#1	.0011953	.0026373	12.83033	.0194383	.0133308	.1066241	25.95681
#2	.0011203	.0025609	12.89931	.0200838	.0135894	.1028073	25.97391
#3	.0010107	.0027852	12.96575	.0198333	.0133121	.1103993	25.91915

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8532561	6.235333	.0140395	.0010780	-.149847	.0414678	.2110218
Stddev	.0063007	.074398	.0001182	.0003203	.303786	.0016338	.0071192
%RSD	.7384304	1.193162	.8420925	29.71033	202.7310	3.939850	3.373686

#1	.8460248	6.152958	.0140366	.0008128	-.157833	.0406869	.2028551
#2	.8561788	6.297634	.0141591	.0009872	.157853	.0433454	.2159189
#3	.8575647	6.255407	.0139227	.0014338	-.449561	.0403710	.2142914

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.249400	.7014778	.0154253	.0016158	.8021125	1.947080	-.001301
Stddev	.015792	.0031699	.0004807	.0001331	.0051211	.023536	.001010
%RSD	1.263989	.4518820	3.116236	8.240186	.6384557	1.208804	77.67099

#1	1.232877	.7049026	.0149161	.0016388	.7969989	1.924953	-.002259
#2	1.264343	.6986468	.0158711	.0017359	.8020974	1.944478	-.000246
#3	1.250978	.7008840	.0154888	.0014726	.8072412	1.971810	-.001397

Sample Name: J4600-01LX5 Acquired: 8/27/2018 15:38:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAB63L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1541619	.0040705	.0264211
Stddev	.0040399	.0008555	.0001181
%RSD	2.620565	21.01821	.4470155

#1	.1562659	.0041348	.0264503
#2	.1567156	.0031846	.0265219
#3	.1495043	.0048921	.0262912

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1730.985	2209.177	42779.97	5006.367	3176.197
Stddev	11.837	8.060	99.08	35.627	5.834
%RSD	.6838113	.3648245	.2316072	.7116334	.1836723

#1	1744.122	2210.468	42780.29	5041.775	3176.581
#2	1721.150	2216.512	42878.89	5006.800	3181.829
#3	1727.684	2200.549	42680.73	4970.525	3170.180

Sample Name: J4600-04 Acquired: 8/27/2018 15:42:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB64 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0710956	-.002594	2.605846	-.017583	.0068862	68.35858	1.749252
Stddev	.0028117	.001490	.011533	.006120	.0020706	.09817	.004366
%RSD	3.954753	57.45456	.4425843	34.80449	30.06815	.1436120	.2495893

#1	.0720944	-.004180	2.598544	-.010582	.0077875	68.40235	1.753414
#2	.0732715	-.002378	2.599851	-.020252	.0083535	68.42726	1.749634
#3	.0679209	-.001223	2.619142	-.021914	.0045178	68.24614	1.744708

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056913	.0122899	83.70790	.1112676	.0760436	.4622307	145.4607
Stddev	.0001737	.0000884	.12237	.0007297	.0010087	.0056747	.1533
%RSD	3.052934	.7189234	.1461843	.6558247	1.326437	1.227669	.1054090

#1	.0058522	.0123357	83.66125	.1114482	.0751139	.4610219	145.3152
#2	.0055071	.0121881	83.84673	.1104646	.0759008	.4572578	145.6208
#3	.0057146	.0123460	83.61572	.1118901	.0771160	.4684123	145.4461

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.011537	42.44950	.0774392	.0008595	.3193353	.2439899	1.263905
Stddev	.011018	.06425	.0012559	.0002462	.3092714	.0088039	.014105
%RSD	.2746524	.1513650	1.621729	28.64351	96.84849	3.608313	1.115950

#1	4.003821	42.50368	.0760202	.0005768	.3627161	.2338241	1.250466
#2	4.024155	42.37852	.0778898	.0009749	-.009336	.2490350	1.262658
#3	4.006636	42.46631	.0784076	.0010269	.604626	.2491106	1.278592

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.879550	4.838242	.1383456	.0084855	5.018743	6.572131	.0101567
Stddev	.069165	.035259	.0006725	.0001325	.021232	.043593	.0008167
%RSD	1.005370	.7287596	.4861273	1.561420	.4230521	.6633000	8.041407

#1	6.808756	4.799303	.1375835	.0085320	4.994356	6.551304	.0108539
#2	6.946961	4.847413	.1388559	.0085885	5.028760	6.622231	.0103582
#3	6.882933	4.868009	.1385973	.0083360	5.033114	6.542858	.0092581

Sample Name: J4600-04 Acquired: 8/27/2018 15:42:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB64 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8057496	.0377909	.1194289
Stddev	.0042777	.0003759	.0004212
%RSD	.5308940	.9946229	.3526778

#1	.8101719	.0374836	.1197175
#2	.8016330	.0376790	.1189456
#3	.8054438	.0382100	.1196237

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1787.659	2296.745	44640.80	5285.662	3120.345
Stddev	4.000	5.121	202.21	5.865	2.190
%RSD	.2237588	.2229563	.4529766	.1109623	.0701775

#1	1792.149	2291.522	44705.91	5292.290	3118.342
#2	1786.351	2301.757	44802.45	5283.551	3122.683
#3	1784.476	2296.956	44414.06	5281.144	3120.011

Sample Name: J4600-05 Acquired: 8/27/2018 15:46:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB65 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0584413	.0003159	6.111250	-.018294	.0063293	58.34061	1.516844
Stddev	.0027650	.0011690	.006410	.005182	.0014770	.15351	.003531
%RSD	4.731197	370.0205	.1048867	28.32673	23.33589	.2631217	.2327551

#1	.0614137	-.000569	6.107511	-.021890	.0076850	58.29717	1.520582
#2	.0559457	.001641	6.107588	-.012354	.0065478	58.51115	1.516382
#3	.0579646	-.000124	6.118651	-.020637	.0047553	58.21350	1.513566

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057136	.0195035	66.20234	.0907575	.1124568	.4072657	127.9541
Stddev	.0000403	.0000068	.14655	.0007803	.0003393	.0061346	.2525
%RSD	.7051274	.0347868	.2213627	.8597356	.3017230	1.506291	.1973386

#1	.0056996	.0195076	66.18130	.0903326	.1128250	.4093389	127.6628
#2	.0056822	.0194957	66.35828	.0902819	.1123888	.4120950	128.1111
#3	.0057590	.0195073	66.06746	.0916580	.1121567	.4003631	128.0884

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.319614	34.69417	.0898845	.0010642	.2110625	.2202950	1.346564
Stddev	.015944	.09775	.0005099	.0005676	.1503595	.0036114	.034938
%RSD	.2178277	.2817589	.5672340	53.33703	71.23933	1.639349	2.594590

#1	7.301958	34.58148	.0904021	.0009835	.1056326	.2243728	1.311612
#2	7.323924	34.75613	.0898688	.0005412	.1443146	.2175003	1.346592
#3	7.332960	34.74490	.0893827	.0016678	.3832403	.2190120	1.381488

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.289402	3.662506	.1158591	.0074386	3.969894	2.797733	.0063935
Stddev	.024667	.016255	.0012394	.0000667	.022490	.018441	.0020150
%RSD	.3921956	.4438355	1.069743	.8963505	.5665032	.6591367	31.51551

#1	6.265072	3.646839	.1153304	.0074774	3.976310	2.793535	.0053897
#2	6.288742	3.661387	.1172752	.0074768	3.988478	2.817912	.0050777
#3	6.314392	3.679292	.1149718	.0073616	3.944893	2.781754	.0087133

Sample Name: J4600-05 Acquired: 8/27/2018 15:46:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB65 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6791948	.0303823	.0701187
Stddev	.0032643	.0014683	.0001486
%RSD	.4806176	4.832868	.2119709

#1	.6829064	.0312355	.0702264
#2	.6779085	.0286869	.0699491
#3	.6767696	.0312246	.0701804

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1858.870	2380.220	46510.16	5477.519	3168.819
Stddev	14.561	3.076	181.29	37.944	6.215
%RSD	.7833492	.1292355	.3897795	.6927178	.1961243

#1	1873.029	2379.742	46569.92	5445.505	3169.313
#2	1843.937	2383.507	46306.53	5467.622	3174.773
#3	1859.643	2377.411	46654.01	5519.431	3162.373

Sample Name: J4600-06 Acquired: 8/27/2018 15:50:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB66 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0414512	-.001489	1.142758	-.009753	.0028687	46.69832	1.550872
Stddev	.0031466	.001339	.003443	.002932	.0015542	.10853	.002866
%RSD	7.591135	89.94534	.3013175	30.06250	54.17796	.2324006	.1848226

#1	.0450611	-.000076	1.146688	-.009218	.0037925	46.82356	1.553201
#2	.0400036	-.002739	1.141313	-.007126	.0037391	46.63183	1.551743
#3	.0392889	-.001652	1.140272	-.012916	.0010743	46.63958	1.547671

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039547	.0064249	121.0017	.0941620	.0537715	.2091023	115.1999
Stddev	.0001383	.0000444	.1684	.0001890	.0001918	.0023851	.1927
%RSD	3.497843	.6908804	.1391936	.2007582	.3567578	1.140626	.1672668

#1	.0038491	.0063740	121.1778	.0943467	.0538564	.2083785	115.2979
#2	.0041113	.0064458	120.9852	.0939689	.0539062	.2117655	115.3240
#3	.0039039	.0064551	120.8422	.0941705	.0535518	.2071630	114.9779

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.291370	48.99526	.0571702	.0009627	.4498154	.1726404	1.194205
Stddev	.011345	.04521	.0003597	.0002336	.2133452	.0031349	.033014
%RSD	.1803227	.0922787	.6291065	24.26225	47.42951	1.815874	2.764545

#1	6.304071	49.03481	.0574455	.0007489	.4088855	.1754891	1.223999
#2	6.282242	49.00500	.0573017	.0009272	.6806603	.1731503	1.158712
#3	6.287795	48.94597	.0567632	.0012120	.2599003	.1692818	1.199904

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.446535	6.643704	.1121275	.0068861	4.342267	3.002565	.0240647
Stddev	.048247	.030298	.0005593	.0002459	.017588	.011294	.0009560
%RSD	.7484125	.4560476	.4987807	3.571093	.4050523	.3761515	3.972734

#1	6.392705	6.627577	.1127584	.0071636	4.334708	2.989538	.0235017
#2	6.461021	6.678654	.1116926	.0066951	4.362371	3.009597	.0235240
#3	6.485880	6.624879	.1119316	.0067997	4.329722	3.008561	.0251686

Sample Name: J4600-06 Acquired: 8/27/2018 15:50:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAB66 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5288438	.0194527	.2373281
Stddev	.0031137	.0007588	.0003882
%RSD	.5887712	3.900589	.1635529

#1	.5256492	.0189728	.2376267
#2	.5290123	.0190579	.2374683
#3	.5318697	.0203275	.2368893

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1801.955	2307.670	45092.32	5326.073	3195.260
Stddev	14.623	9.111	28.13	9.224	10.864
%RSD	.8115146	.3948302	.0623751	.1731907	.3399905

#1	1788.815	2298.338	45063.56	5316.736	3184.210
#2	1817.708	2308.128	45119.77	5326.300	3195.641
#3	1799.341	2316.543	45093.64	5335.181	3205.927

Sample Name: J4600-07 Acquired: 8/27/2018 15:54:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB67 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0772397	.0058274	1.779324	-.007220	.0078475	38.15418	3.454645
Stddev	.0048083	.0016305	.009893	.002574	.0014450	.06711	.002282
%RSD	6.225118	27.98076	.5559980	35.65145	18.41313	.1758975	.0660612

#1	.0827356	.0075599	1.779354	-.004363	.0072863	38.08434	3.452554
#2	.0738091	.0055994	1.769416	-.007939	.0067673	38.16001	3.457079
#3	.0751745	.0043228	1.789202	-.009359	.0094889	38.21818	3.454301

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054413	.0115584	58.87415	.1152827	.1566415	2.090423	79.66852
Stddev	.0000497	.0000909	.11509	.0005884	.0002902	.001319	.30636
%RSD	.9133472	.7862507	.1954909	.5104135	.1852673	.0631029	.3845494

#1	.0054313	.0116485	58.74132	.1146032	.1564917	2.091025	79.32906
#2	.0053973	.0115600	58.93680	.1156276	.1564568	2.088911	79.75204
#3	.0054952	.0114668	58.94432	.1156171	.1569760	2.091335	79.92447

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.20140	8.422926	.1275507	.0061230	1.502263	.1459923	4.063272
Stddev	.02956	.109013	.0003448	.0003420	.279956	.0053247	.028672
%RSD	.2238802	1.294244	.2703314	5.584748	18.63563	3.647269	.7056411

#1	13.17025	8.353887	.1271531	.0058979	1.627682	.1402610	4.088756
#2	13.20490	8.366291	.1277685	.0059547	1.697581	.1507860	4.032227
#3	13.22905	8.548599	.1277305	.0065165	1.181526	.1469298	4.068833

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.347682	7.181030	.1029828	.0076632	4.699898	2.410527	.0908077
Stddev	.103122	.059214	.0003324	.0004624	.038735	.025166	.0009610
%RSD	1.928353	.8245906	.3228158	6.034068	.8241641	1.044013	1.058314

#1	5.231746	7.186877	.1028401	.0079013	4.697976	2.436232	.0897442
#2	5.429172	7.119110	.1027456	.0071303	4.662160	2.409412	.0916139
#3	5.382129	7.237104	.1033628	.0079580	4.739558	2.385936	.0910651

Sample Name: J4600-07 Acquired: 8/27/2018 15:54:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB67 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6984274	.0184629	.1774776
Stddev	.0068408	.0018139	.0003313
%RSD	.9794564	9.824577	.1866861

#1	.7012897	.0205374	.1772420
#2	.7033721	.0176764	.1778565
#3	.6906203	.0171751	.1773344

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1972.742	2499.854	48867.81	5754.718	3076.825
Stddev	24.514	4.667	109.23	21.374	4.088
%RSD	1.242658	.1866866	.2235199	.3714216	.1328556

#1	1944.636	2504.479	48741.83	5759.137	3075.825
#2	1989.712	2499.936	48935.95	5731.480	3081.320
#3	1983.877	2495.146	48925.66	5773.537	3073.330

Sample Name: I5150-13RE Acquired: 8/27/2018 16:13:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2B03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4190194	-.009334	.0337978	.0872964	-.001161	9.488890	.0073990
Stddev	.0027314	.001134	.0024614	.0061088	.000461	.049487	.0012116
%RSD	.6518454	12.14810	7.282739	6.997819	39.73204	.5215288	16.37536

#1	.4161110	-.008153	.0366134	.0830111	-.001560	9.431784	.0067578
#2	.4194169	-.009435	.0327263	.0845866	-.000656	9.515665	.0066428
#3	.4215302	-.010414	.0320538	.0942914	-.001267	9.519222	.0087965

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1903207	.0968171	22.53337	.0039507	.2938108	.1314060	.8617031
Stddev	.0015726	.0003293	.01405	.0003317	.0010127	.0017019	.0269258
%RSD	.8263075	.3400889	.0623521	8.396043	.3446751	1.295123	3.124723

#1	.1891076	.0964818	22.52775	.0038709	.2934320	.1300660	.8308510
#2	.1897570	.0968295	22.54936	.0036661	.2930422	.1308311	.8737961
#3	.1920975	.0971400	22.52300	.0043150	.2949583	.1333208	.8804623

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3027840	34.50045	.2925185	.1129982	13.51757	.5876740	.0102752
Stddev	.0005039	.09646	.0007192	.0002507	.18168	.0080646	.0056495
%RSD	.1664252	.2795941	.2458595	.2218547	1.344025	1.372282	54.98204

#1	.3028359	34.40379	.2927234	.1127330	13.68361	.5806496	.0099215
#2	.3022561	34.59671	.2917190	.1130301	13.54558	.5964806	.0048109
#3	.3032599	34.50085	.2931129	.1132313	13.32351	.5858920	.0160933

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076728	.0169125	.0002431	.0001931	.1616484	.9118632	-.003470
Stddev	.0187514	.0034273	.0007326	.0002620	.0014469	.0434949	.000748
%RSD	244.3861	20.26498	301.2950	135.6797	.8951136	4.769895	21.57160

#1	-.009905	.0139108	-.000464	.0000265	.1599984	.8714517	-.003762
#2	.005513	.0161799	.000999	.0004950	.1622457	.9062429	-.004028
#3	.027411	.0206469	.000195	.0000576	.1627010	.9578951	-.002619

Sample Name: I5150-13RE Acquired: 8/27/2018 16:13:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2B03 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0138859	-.008148	.0182636
Stddev	.0019437	.001562	.0000734
%RSD	13.99753	19.16725	.4016691

#1	.0122648	-.008415	.0183286
#2	.0133522	-.009560	.0181840
#3	.0160407	-.006470	.0182781

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1750.582	2250.168	43439.76	5085.725	3209.530
Stddev	7.765	4.673	84.32	13.026	11.471
%RSD	.4435815	.2076876	.1940980	.2561373	.3574020

#1	1746.165	2251.730	43352.26	5093.850	3215.647
#2	1759.548	2253.861	43446.54	5070.700	3216.645
#3	1746.033	2244.914	43520.48	5092.625	3196.297

Sample Name: I5150-13 Acquired: 8/27/2018 16:17:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2B03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4785856	-.008987	.0375047	.0967092	-.000010	10.54311	.0083357
Stddev	.0060029	.001600	.0018388	.0025519	.000771	.01636	.0004767
%RSD	1.254304	17.80232	4.902788	2.638757	7506.652	.1551272	5.719178

#1	.4829669	-.009103	.0388519	.0955977	.000007	10.55262	.0087125
#2	.4717433	-.010525	.0382523	.0949016	.000752	10.55249	.0084949
#3	.4810468	-.007332	.0354099	.0996284	-.000790	10.52423	.0077998

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2122955	.1080959	26.86959	.0037376	.3279916	.1469613	1.209838
Stddev	.0014876	.0004612	.02380	.0005894	.0013149	.0060473	.030266
%RSD	.7007102	.4266435	.0885762	15.76836	.4009027	4.114870	2.501630

#1	.2112872	.1077329	26.87768	.0041810	.3266774	.1537546	1.244373
#2	.2140039	.1079400	26.88830	.0039630	.3279902	.1421656	1.197210
#3	.2115953	.1086149	26.84280	.0030688	.3293072	.1449636	1.187932

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3370795	37.78283	.3285898	.1260899	15.80745	.6682297	.0149489
Stddev	.0029445	.31228	.0013254	.0005503	.16077	.0076380	.0078758
%RSD	.8735452	.8265082	.4033455	.4364537	1.017042	1.143022	52.68511

#1	.3389045	37.81055	.3281160	.1262282	15.93708	.6596038	.0211890
#2	.3386514	38.08032	.3275664	.1265579	15.85771	.6741346	.0060995
#3	.3336826	37.45761	.3300869	.1254836	15.62756	.6709507	.0175582

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1558756	.0193795	.0018800	.0000454	.1834152	1.067246	-.003159
Stddev	.0754752	.0040210	.0007133	.0004582	.0011711	.033038	.000862
%RSD	48.42017	20.74873	37.94388	1008.334	.6384815	3.095643	27.28278

#1	.2413152	.0238204	.0020934	.0000330	.1822825	1.044127	-.002512
#2	.0982706	.0159855	.0024622	.0005097	.1833420	1.105086	-.002827
#3	.1280411	.0183325	.0010843	-.000406	.1846212	1.052526	-.004137

Sample Name: I5150-13 Acquired: 8/27/2018 16:17:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2B03 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0174442	-.008144	.0211231
Stddev	.0040336	.001095	.0001264
%RSD	23.12314	13.44719	.5985806

#1	.0128919	-.009296	.0210441
#2	.0188671	-.007116	.0210563
#3	.0205735	-.008019	.0212689

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1758.426	2247.011	43502.63	5092.875	3202.836
Stddev	13.441	.749	86.89	25.135	6.657
%RSD	.7643616	.0333117	.1997346	.4935255	.2078439

#1	1767.115	2246.888	43451.68	5089.875	3201.416
#2	1765.219	2247.813	43602.96	5069.375	3210.088
#3	1742.945	2246.331	43453.26	5119.375	3197.004

Sample Name: J4600-08 Acquired: 8/27/2018 16:21:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB68 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8469467	-.013068	.4109267	.1656378	.4946928	17.15306	.0572023
Stddev	.0012580	.001701	.0024590	.0039460	.0032032	.05273	.0001659
%RSD	.1485347	13.01363	.5984072	2.382332	.6475149	.3074278	.2900054

#1	.8483853	-.011600	.4083381	.1626464	.4917631	17.12083	.0570822
#2	.8464021	-.014931	.4132316	.1701101	.4942023	17.12444	.0571331
#3	.8460527	-.012672	.4112104	.1641571	.4981130	17.21392	.0573916

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2571684	.1802710	8.920455	.0293596	.3268465	.2992632	40.67461
Stddev	.0014814	.0006128	.055786	.0002588	.0007634	.0040708	.11942
%RSD	.5760315	.3399350	.6253709	.8815530	.2335686	1.360269	.2936001

#1	.2570960	.1797186	8.893639	.0291515	.3265377	.2964413	40.61411
#2	.2557245	.1801643	8.883140	.0292779	.3262860	.2974184	40.59754
#3	.2586846	.1809302	8.984585	.0296494	.3277160	.3039297	40.81217

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3968259	65.27043	.3762496	.0938031	42.04189	1.360997	.0423315
Stddev	.0013778	.13955	.0012083	.0005190	.14532	.008249	.0078057
%RSD	.3472058	.2138035	.3211523	.5532981	.3456625	.6061167	18.43943

#1	.3963120	65.39726	.3766915	.0941130	41.87872	1.368475	.0378102
#2	.3983868	65.29309	.3748825	.0940924	42.08956	1.362367	.0378395
#3	.3957789	65.12094	.3771748	.0932039	42.15739	1.352148	.0513447

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.318903	.1230835	.0833438	.0033946	.6718185	1.704960	.0006389
Stddev	.022809	.0041633	.0006523	.0003059	.0127760	.013731	.0004058
%RSD	.9835914	3.382502	.7827069	9.010282	1.901708	.8053791	63.51460

#1	2.297962	.1265336	.0828023	.0036008	.6603782	1.698808	.0003317
#2	2.343206	.1242577	.0831612	.0030432	.6856051	1.695381	.0010990
#3	2.315540	.1184592	.0840680	.0035399	.6694723	1.720692	.0004862

Sample Name: J4600-08 Acquired: 8/27/2018 16:21:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAB68 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5732663	-.001571	.0219513
Stddev	.0014215	.002184	.0000728
%RSD	.2479653	139.0589	.3316418

#1	.5716250	-.002974	.0219375
#2	.5740720	-.002684	.0218864
#3	.5741021	.000946	.0220300

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1780.370	2269.565	43888.06	5155.117	3158.863
Stddev	2.060	4.588	109.85	32.761	5.814
%RSD	.1157075	.2021637	.2502888	.6355140	.1840481

#1	1779.432	2273.307	43761.54	5152.800	3164.936
#2	1782.732	2270.941	43959.20	5188.975	3158.307
#3	1778.946	2264.446	43943.43	5123.575	3153.348

Sample Name: CCV005 Acquired: 8/27/2018 16:54:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.734641	4.723367	24.13135	4.586358	4.815062	394.3440	9.665137
Stddev	.013130	.010046	.04144	.015847	.010525	2.2321	.047430
%RSD	.2773256	.2126823	.1717140	.3455255	.2185885	.5660265	.4907324

#1	4.730028	4.713397	24.09415	4.570694	4.818251	392.1474	9.620923
#2	4.724439	4.723216	24.12388	4.585996	4.803311	396.6099	9.715234
#3	4.749455	4.733487	24.17601	4.602382	4.823623	394.2746	9.659252

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4656005	2.365436	391.7138	14.64480	2.383348	14.55238	401.7714
Stddev	.0027540	.003042	2.5103	.01715	.003338	.10727	2.5197
%RSD	.5915026	.1285933	.6408513	.1171392	.1400501	.7370982	.6271560

#1	.4631230	2.363814	389.3017	14.62501	2.380914	14.46060	399.9659
#2	.4685659	2.363549	394.3120	14.65555	2.381976	14.67030	404.6501
#3	.4651126	2.368945	391.5275	14.65383	2.387153	14.52624	400.6984

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.17054	383.4791	2.457248	1.183648	390.4378	2.376505	13.51404
Stddev	.07886	2.6866	.001377	.004036	2.6952	.012584	.03600
%RSD	.5564720	.7005753	.0560557	.3409532	.6903074	.5295160	.2663602

#1	14.09728	381.3119	2.457080	1.185032	387.7061	2.364713	13.49148
#2	14.25400	386.4849	2.455962	1.186811	393.0950	2.389754	13.49509
#3	14.16035	382.6404	2.458702	1.179103	390.5122	2.375048	13.55556

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	143.9675	5.261948	4.723075	4.695047	4.929471	4.528073	4.902249
Stddev	.7006	.022809	.031632	.013699	.011785	.039063	.005271
%RSD	.4866679	.4334638	.6697395	.2917733	.2390703	.8626775	.1075264

#1	143.1668	5.240024	4.701969	4.701746	4.933933	4.493696	4.897634
#2	144.4684	5.285549	4.759444	4.679288	4.916106	4.570551	4.901121
#3	144.2671	5.260271	4.707811	4.704107	4.938373	4.519972	4.907993

Sample Name: CCV005 Acquired: 8/27/2018 16:54:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV005 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.877582	4.904015	4.825136
Stddev	.029958	.019554	.029975
%RSD	.6141971	.3987428	.6212188

#1	4.859913	4.883529	4.800917
#2	4.912172	4.922481	4.858660
#3	4.860661	4.906035	4.815831

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1540.399	1917.498	39620.54	4802.981	2593.603
Stddev	6.141	4.999	78.15	26.158	1.527
%RSD	.3986537	.2606908	.1972426	.5446298	.0588737

#1	1543.708	1915.254	39560.28	4828.724	2593.869
#2	1544.176	1923.225	39708.84	4776.426	2594.980
#3	1533.313	1914.014	39592.51	4803.793	2591.961

Sample Name: CCB005 Acquired: 8/27/2018 16:58:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000426	-.001505	.0012601	.0042471	.0001684	.0107690	-.000792
Stddev	.001468	.002017	.0012497	.0022889	.0008474	.0044739	.000777
%RSD	344.4708	134.0077	99.17616	53.89209	503.1873	41.54389	98.03835

#1	.000513	-.001432	.0013039	.0051373	-.000762	.0123306	-.000034
#2	.000326	.000474	.0024872	.0016469	.000371	.0057237	-.001586
#3	-.002117	-.003558	-.000011	.0059572	.000896	.0142528	-.000757

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000241	.0000411	.0154086	-.000076	-.000015	-.000715	-.000229
Stddev	.0000593	.0000492	.0186294	.000681	.000413	.001316	.008918
%RSD	246.0537	119.7819	120.9025	893.4321	2771.883	184.1163	3892.991

#1	.0000817	.0000537	-.006006	-.000236	-.000452	-.000947	.008928
#2	-.000037	.0000827	.024354	.000671	.000038	.000702	-.008888
#3	.000027	-.000013	.027878	-.000664	.000369	-.001900	-.000727

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000497	.0093096	-.000112	.0010513	-.038933	-.005397	-.003639
Stddev	.000479	.0470848	.000415	.0005294	.224772	.008313	.002540
%RSD	96.49935	505.7650	370.7805	50.35964	577.3280	154.0400	69.79054

#1	-.001050	.0227690	-.000486	.0005136	.198469	-.014828	-.000710
#2	-.000219	.0481992	-.000183	.0015720	-.066790	-.002232	-.005236
#3	-.000222	-.043039	.000334	.0010682	-.248479	.000869	-.004971

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0133078	-.003164	-.002484	-.000023	-.009424	-.009012	-.000152
Stddev	.0856758	.001711	.000438	.000186	.001933	.001120	.001251
%RSD	643.8016	54.07001	17.62691	804.1025	20.51753	12.43127	820.6425

#1	-.084287	-.005139	-.002210	-.000156	-.007195	-.010230	.000717
#2	.076132	-.002172	-.002254	-.000102	-.010649	-.008025	-.001586
#3	.048079	-.002181	-.002989	.000189	-.010427	-.008782	.000412

Sample Name: CCB005 Acquired: 8/27/2018 16:58:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB005 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003002	.0013023	-.000043
Stddev	.003610	.0019581	.000092
%RSD	120.2403	150.3533	216.3998

#1	-.001251	-.000464	-.000062
#2	-.007153	.003408	.000058
#3	-.000602	.000963	-.000123

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1770.599	2250.527	43544.67	5021.700	3260.729
Stddev	9.228	2.452	50.65	34.644	1.674
%RSD	.5211867	.1089509	.1163120	.6898919	.0513356

#1	1773.961	2249.947	43491.25	4989.200	3262.173
#2	1777.675	2253.217	43550.76	5017.750	3261.121
#3	1760.161	2248.418	43592.00	5058.150	3258.894

Sample Name: PBS Acquired: 8/27/2018 17:34:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001222	.0014014	-.000429	.0028213	-.003303	.0077294
Stddev	.002176	.0045907	.002067	.0014186	.000675	.0051351
%RSD	178.1289	327.5795	481.7853	50.27977	20.44505	66.43588

#1	-.001043	.0016535	.001805	.0042338	-.004083	.0120932
#2	.000860	.0058608	-.000820	.0028335	-.002910	.0020708
#3	-.003481	-.003310	-.002272	.0013967	-.002916	.0090241

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000582	.0001143	.0000657	.0213538	.0002129	.0001344
Stddev	.000487	.0001023	.0001089	.0034189	.0002342	.0003691
%RSD	83.75567	89.47446	165.6638	16.01074	110.0130	274.6808

#1	-.000056	.0001758	-.000059	.0176936	.0004551	.0005510
#2	-.001017	.0001709	.000118	.0219029	-.000012	.0000037
#3	-.000672	-.000004	.000138	.0244649	.000196	-.000152

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051177	-.005502	.0002047	-.055821	.0005302	.0012458
Stddev	.0025898	.015372	.0001868	.013415	.0002759	.0005204
%RSD	50.60563	279.3820	91.26390	24.03208	52.02304	41.77151

#1	.0055794	.003501	.0003850	-.064709	.0003792	.0016828
#2	.0023281	.003245	.0002171	-.062363	.0003629	.0013843
#3	.0074457	-.023251	.0000120	-.040390	.0008486	.0006701

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.544725	-.003109	.0062749	-.086355	-.004477	F -.013318
Stddev	.142012	.004294	.0052276	.040575	.002892	.000157
%RSD	26.07046	138.1303	83.30955	46.98595	64.59569	1.177326

#1	-.455911	-.007855	.0077264	-.131552	-.001530	-.013477
#2	-.469752	.000507	.0106233	-.074444	-.007311	-.013315
#3	-.708512	-.001979	.0004749	-.053069	-.004591	-.013163

Sample Name: PBS Acquired: 8/27/2018 17:34:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001506	-.005040	-.008692	-.001902	-.003799	.0009593
Stddev	.0000880	.004300	.000409	.000566	.001383	.0011611
%RSD	58.45717	85.32010	4.702237	29.76502	36.41358	121.0477

#1	.0002439	-.009167	-.008264	-.001526	-.004284	.0012714
#2	.0001389	-.005368	-.009078	-.002553	-.002238	.0019324
#3	.0000690	-.000585	-.008734	-.001627	-.004874	-.000326

Elem	Sr4077
Units	ppm
Avg	-.000055
Stddev	.000075
%RSD	135.4731

#1	-.000063
#2	-.000125
#3	.000023

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1736.494	2213.445	42679.80	4927.325	3206.197
Stddev	7.055	6.642	109.94	2.985	15.152
%RSD	.4062542	.3000580	.2575920	.0605861	.4725957

#1	1734.132	2214.042	42569.65	4925.950	3212.370
#2	1744.426	2206.526	42680.21	4930.750	3188.933
#3	1730.923	2219.769	42789.53	4925.275	3217.289

Sample Name: LCSS Acquired: 8/27/2018 17:38:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCSS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0165300	.0499551	.0178756	.0769074	.1205188	.3954099
Stddev	.0015330	.0019912	.0010503	.0024907	.0019852	.0120425
%RSD	9.273904	3.986039	5.875442	3.238612	1.647174	3.045578

#1	.0150726	.0477026	.0179961	.0756753	.1224874	.3875611
#2	.0163887	.0514809	.0188604	.0797740	.1205515	.4092751
#3	.0181287	.0506820	.0167703	.0752728	.1185175	.3893936

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3998543	.0107169	.0100371	9.765237	.0218951	.0941000
Stddev	.0015822	.0000751	.0000648	.009443	.0003013	.0007461
%RSD	.3956979	.7008235	.6454469	.0967019	1.376087	.7928336

#1	.3994589	.0107760	.0100658	9.754767	.0222385	.0942021
#2	.4015968	.0107423	.0100826	9.773110	.0217721	.0933082
#3	.3985073	.0106324	.0099629	9.767832	.0216749	.0947898

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0525335	.2267640	.0319769	9.447556	.0818407	.0205636
Stddev	.0032712	.0060212	.0003699	.042664	.0005630	.0002965
%RSD	6.226794	2.655295	1.156823	.4515881	.6879061	1.442057

#1	.0528838	.2336455	.0319791	9.408189	.0820246	.0206402
#2	.0556155	.2241836	.0316059	9.441591	.0812087	.0202363
#3	.0491013	.2224631	.0323457	9.492889	.0822887	.0208144

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.345706	.0937472	.1016468	8.937859	F .1851127	F .0037955
Stddev	.332839	.0018039	.0073619	.114572	.0018795	.0017074
%RSD	3.561407	1.924249	7.242601	1.281874	1.015310	44.98479

#1	9.547757	.0936234	.1060463	9.021780	.1829781	.0046235
#2	9.527812	.0956098	.0931478	8.807328	.1858408	.0018320
#3	8.961550	.0920083	.1057462	8.984470	.1865192	.0049310

Sample Name: LCSS Acquired: 8/27/2018 17:38:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCSS Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0197502	.1768078	.1809455	F .0118791	.1006820	.0893394
Stddev	.0001391	.0008989	.0014191	.0014707	.0033699	.0017238
%RSD	.7044943	.5083874	.7842697	12.38080	3.347031	1.929504

#1	.0196583	.1772113	.1825571	.0110592	.1007704	.0908760
#2	.0196821	.1774343	.1803965	.0135771	.0972689	.0896669
#3	.0199103	.1757779	.1798830	.0110011	.1040069	.0874754

Elem	Sr4077
Units	ppm
Avg	.1988946
Stddev	.0004739
%RSD	.2382821

#1	.1994298
#2	.1987259
#3	.1985281

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1764.331	2266.848	43583.19	5083.183	3297.269
Stddev	7.633	6.464	134.98	8.432	4.090
%RSD	.4326339	.2851397	.3097082	.1658778	.1240381

#1	1759.245	2274.233	43673.40	5073.950	3301.907
#2	1773.108	2262.216	43648.16	5085.125	3295.721
#3	1760.642	2264.097	43428.01	5090.475	3294.179

Sample Name: CCV006 Acquired: 8/27/2018 18:04:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.880636	4.897701	24.92839	4.735776	4.985540	381.7920
Stddev	.027176	.027755	.09020	.019860	.025370	2.1067
%RSD	.5568056	.5667001	.3618253	.4193619	.5088777	.5517939

#1	4.879070	4.890383	24.89985	4.723900	4.971695	380.9852
#2	4.854278	4.874337	24.85592	4.724725	4.970105	380.2079
#3	4.908561	4.928382	25.02941	4.758704	5.014821	384.1828

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.956840	.4807347	2.436189	388.4070	15.10746	2.454014
Stddev	.042920	.0033118	.009856	1.8561	.05273	.008356
%RSD	.4310555	.6888929	.4045822	.4778713	.3490027	.3405230

#1	9.953559	.4805862	2.430860	387.6711	15.05052	2.452713
#2	9.915655	.4774997	2.430144	387.0318	15.11726	2.446384
#3	10.00131	.4841182	2.447562	390.5183	15.15460	2.462944

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.98825	388.1446	14.59413	380.9377	2.537350	1.226676
Stddev	.05778	1.4429	.04212	1.9217	.007053	.004672
%RSD	.3854726	.3717470	.2885870	.5044603	.2779710	.3808340

#1	15.02315	387.9907	14.59011	379.9726	2.535473	1.231911
#2	14.92157	386.7848	14.55416	379.6898	2.531424	1.222933
#3	15.02005	389.6583	14.63811	383.1506	2.545151	1.225184

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	376.5587	2.444160	14.00626	148.3874	F 5.546138	4.848302
Stddev	2.3137	.014482	.23677	.8645	.029314	.027288
%RSD	.6144448	.5925291	1.690493	.5826126	.5285435	.5628423

#1	376.5628	2.441437	14.27470	148.1163	5.525288	4.842477
#2	374.2430	2.431232	13.91698	147.6910	5.533472	4.824396
#3	378.8705	2.459810	13.82711	149.3550	5.579655	4.878032

Sample Name: CCV006 Acquired: 8/27/2018 18:04:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV006 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.855224	5.130430	4.665221	5.074234	5.013227	5.047717
Stddev	.026105	.030777	.030740	.031602	.009433	.016203
%RSD	.5376741	.5998877	.6589235	.6227974	.1881614	.3209936

#1	4.843087	5.114004	4.679875	5.061350	5.023506	5.055644
#2	4.837398	5.111350	4.629896	5.051108	5.004968	5.029077
#3	4.885189	5.165935	4.685892	5.110243	5.011205	5.058430

Elem	Sr4077
Units	ppm
Avg	4.955722
Stddev	.011959
%RSD	.2413123

#1	4.966060
#2	4.942625
#3	4.958482

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1562.637	1954.977	40263.20	4896.026	2645.648
Stddev	11.003	4.149	101.13	29.992	6.045
%RSD	.7041488	.2122171	.2511605	.6125785	.2284923

#1	1550.903	1952.075	40254.59	4919.473	2639.691
#2	1564.284	1959.729	40166.65	4906.375	2651.777
#3	1572.724	1953.127	40368.35	4862.230	2645.477

Sample Name: CCB006 Acquired: 8/27/2018 18:07:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001356	.0012748	.0001170	.0010551	-.000078	.0083670	-.000466
Stddev	.001391	.0024476	.0004808	.0013599	.001165	.0144466	.000747
%RSD	102.5691	191.9994	410.9922	128.8893	1489.000	172.6622	160.1606

#1	-.002720	.0003823	.0006402	.0023103	-.001128	.0042424	-.001298
#2	.000060	-.000601	.0000162	-.000390	.001174	.0244274	.000144
#3	-.001408	.004043	-.000305	.001245	-.000281	-.003569	-.000244

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000411	-.000057	.0145726	.0002076	.0001120	.0038798	.0068922
Stddev	.0001589	.000034	.0056627	.0002003	.0004461	.0070096	.0116677
%RSD	386.7398	59.86226	38.85807	96.48542	398.1989	180.6725	169.2883

#1	.0000694	-.000021	.0193466	.0002962	-.000203	.0011197	-.004118
#2	.0001840	-.000060	.0083162	.0003484	.000623	.0118493	.005672
#3	-.000130	-.000089	.0160551	-.000022	-.000084	-.001330	.019122

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000526	-.005758	.0002396	.0009176	-.357563	-.008687	-.011428
Stddev	.001738	.025907	.0002066	.0003094	.305887	.006873	.010772
%RSD	330.4193	449.9172	86.21214	33.72365	85.54761	79.11807	94.25564

#1	.001175	.024062	.0000208	.0012275	-.033076	-.000833	-.020454
#2	-.000454	-.022730	.0004312	.0009167	-.640629	-.011628	-.014328
#3	-.002299	-.018607	.0002669	.0006086	-.398985	-.013601	.000497

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0229997	-.007666	-.001481	.0004071	-.012147	-.010003	-.000958
Stddev	.0925542	.001149	.000353	.0002632	.002028	.001101	.001710
%RSD	402.4149	14.98591	23.84223	64.64769	16.69542	11.00243	178.5597

#1	.0898702	-.007240	-.001238	.0004010	-.014058	-.009005	.001013
#2	.0617624	-.006791	-.001886	.0006733	-.012362	-.011183	-.002050
#3	-.082633	-.008967	-.001318	.0001470	-.010019	-.009822	-.001836

Sample Name: CCB006 Acquired: 8/27/2018 18:07:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v635) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB006 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000723	.0000541	-.000066
Stddev	.003462	.0017979	.000176
%RSD	478.5641	3322.472	265.2475

#1	.000297	.0011959	.000029
#2	.002114	-.002018	-.000270
#3	-.004582	.000985	.000041

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1771.146	2269.585	43562.99	4998.633	3289.700
Stddev	6.272	5.077	99.40	24.801	6.254
%RSD	.3541430	.2237138	.2281796	.4961612	.1901192

#1	1772.118	2265.395	43567.28	4982.600	3285.798
#2	1776.877	2275.231	43660.19	4986.100	3296.914
#3	1764.445	2268.128	43461.52	5027.200	3286.389