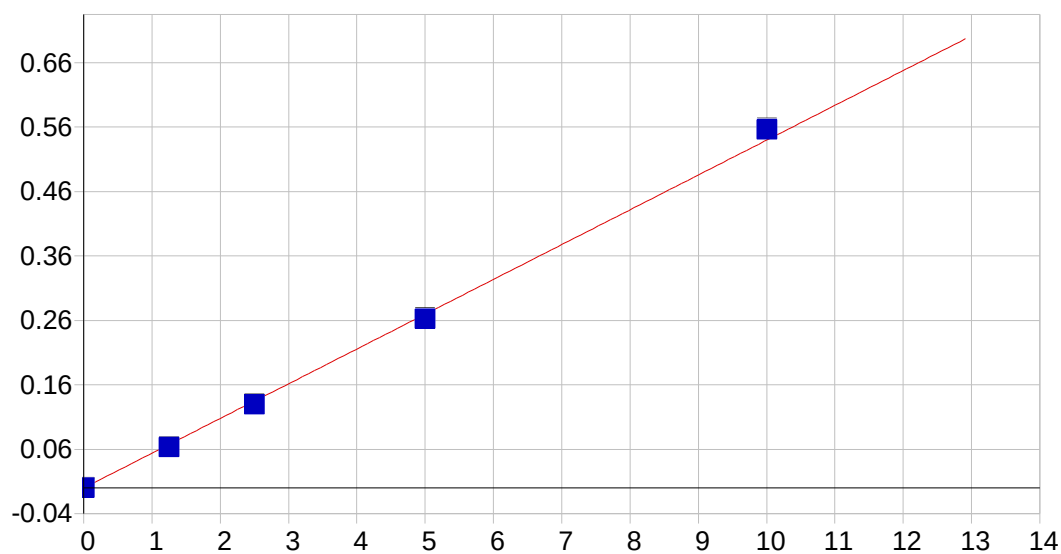




As 189.042 {479}

Date of Fit: 9/14/2018 15:09:27

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000287

Re-Slope: 1.000000

A1 (Gain): 0.054005

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999453

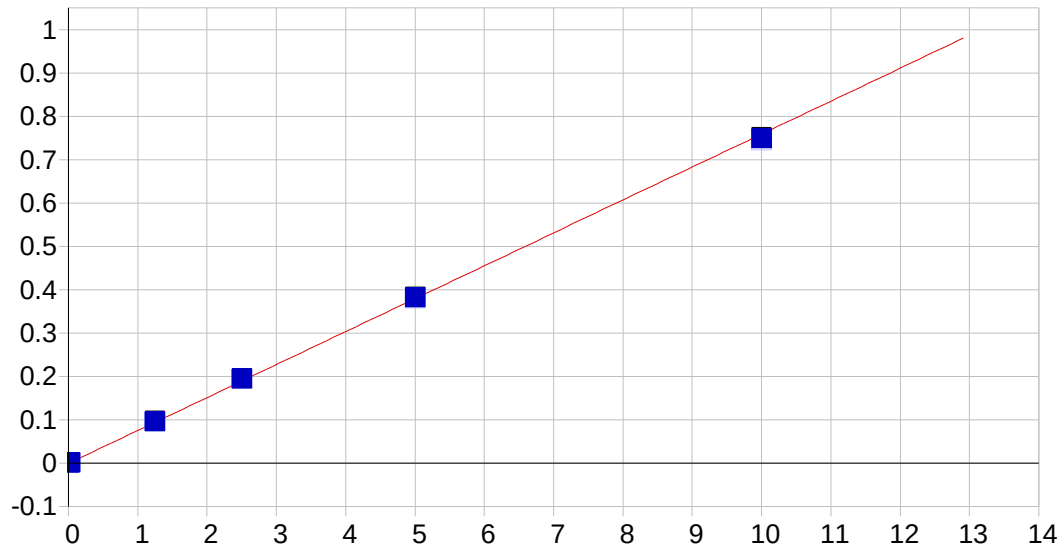
Status: OK.

Std Error of Est: 0.000030

Predicted MDL: 0.003011

Predicted MQL: 0.010035

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00029	.000	1
S1	.01000	.01111	.001	11.1	.00031	.000	1
S2	1.2500	1.1790	-.071	-5.68	.06357	.000	1
S3	2.5000	2.4021	-.098	-3.92	.12980	.000	1
S4	5.0000	4.8663	-.134	-2.67	.26323	.000	1
S5	10.000	10.302	.302	3.02	.55749	.001	1

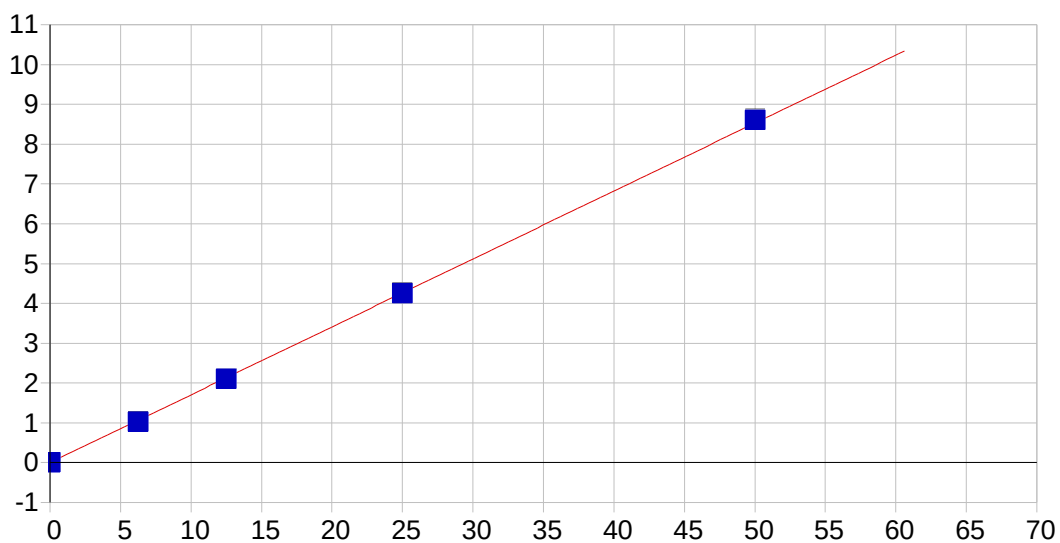


TI 190.856 {477}

Date of Fit: 9/14/2018 15:09:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000586 Re-Slope: 1.000000
 A1 (Gain): 0.075948 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999857 Status: OK.
 Std Error of Est: 0.000034
 Predicted MDL: 0.001827
 Predicted MQL: 0.006090

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00059	.000	1
S1	.02500	.02871	.004	14.8	.00157	.000	1
S2	1.2500	1.2811	.031	2.49	.09614	.000	1
S3	2.5000	2.5659	.066	2.64	.19314	.001	1
S4	5.0000	5.0390	.039	.780	.37982	.001	1
S5	10.000	9.8603	-.140	-1.40	.74369	.003	1

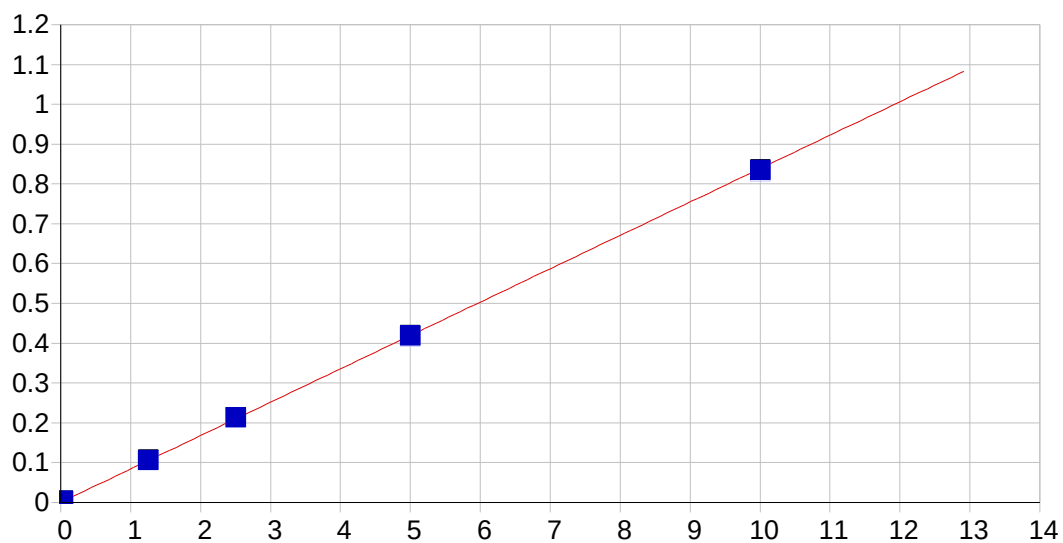


Pb 220.353 {453}

Date of Fit: 9/14/2018 15:09:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000375 Re-Slope: 1.000000
 A1 (Gain): 0.170554 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999904 Status: OK.
 Std Error of Est: 0.000089
 Predicted MDL: 0.001684
 Predicted MQL: 0.005614

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00037	.000	1
S1	.01000	.01019	.000	1.85	.00137	.000	1
S2	6.2500	5.9820	-.268	-4.29	1.0214	.003	1
S3	12.500	12.352	-.148	-1.18	2.1093	.007	1
S4	25.000	24.938	-.062	-.248	4.2588	.004	1
S5	50.000	50.478	.478	.956	8.6207	.010	1

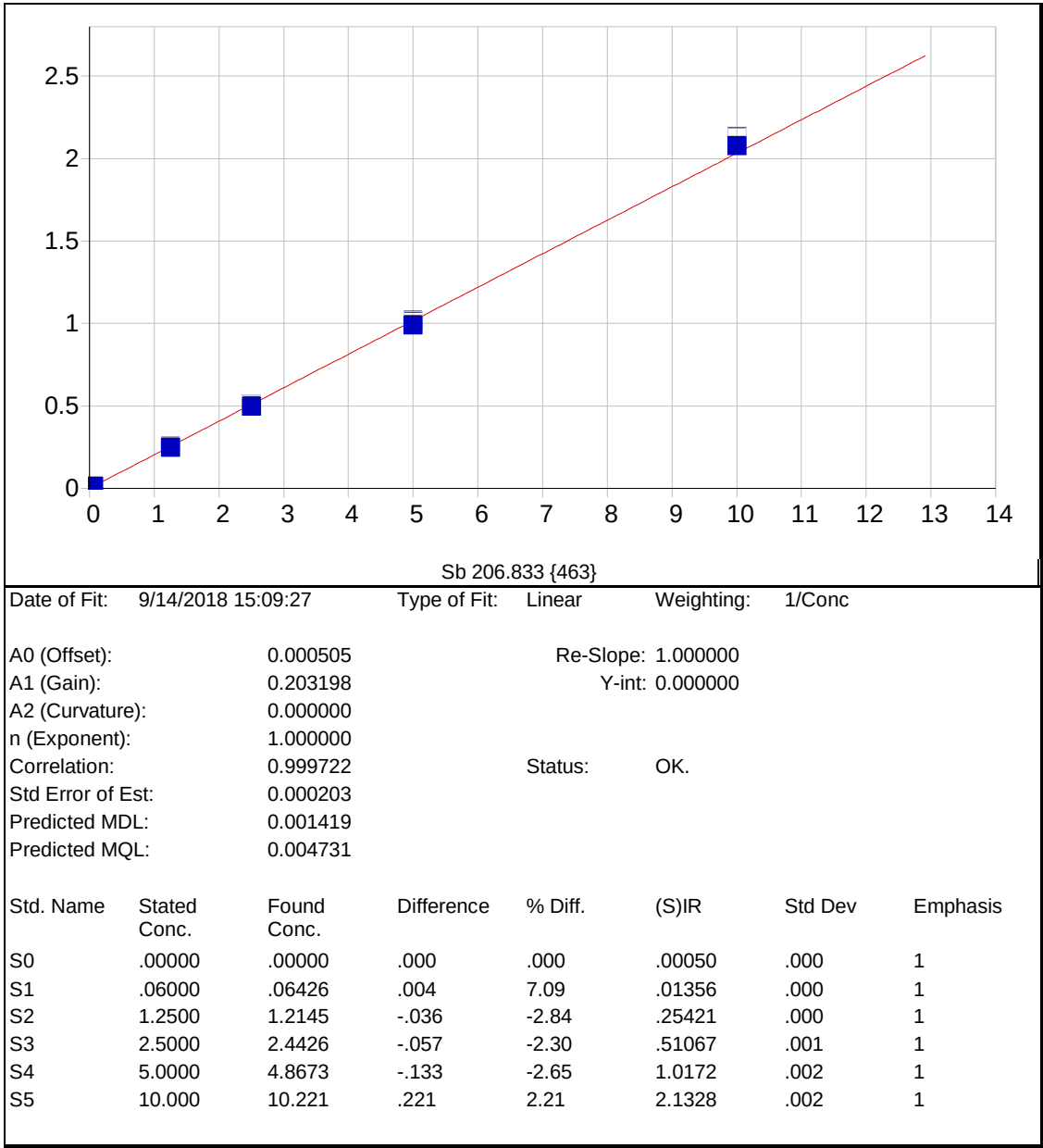


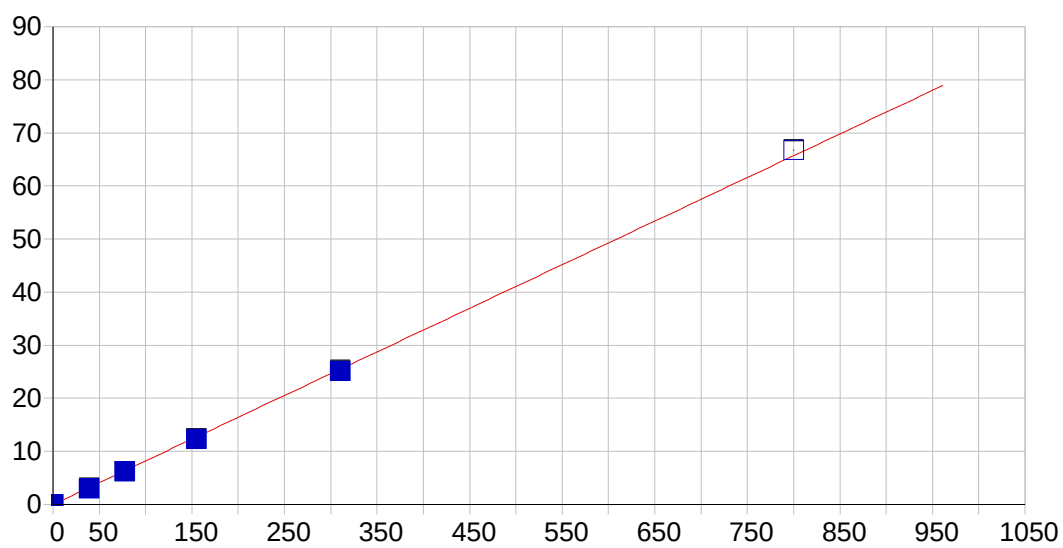
Se 196.090 {472}

Date of Fit: 9/14/2018 15:09:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000317 Re-Slope: 1.000000
 A1 (Gain): 0.083832 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.002723
 Predicted MQL: 0.009077

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00032	.000	1
S1	.03500	.04046	.005	15.6	.00371	.000	1
S2	1.2500	1.2638	.014	1.10	.10577	.001	1
S3	2.5000	2.5424	.042	1.70	.21247	.000	1
S4	5.0000	4.9893	-.011	-.215	.41661	.001	1
S5	10.000	9.9491	-.051	-.509	.83044	.002	1



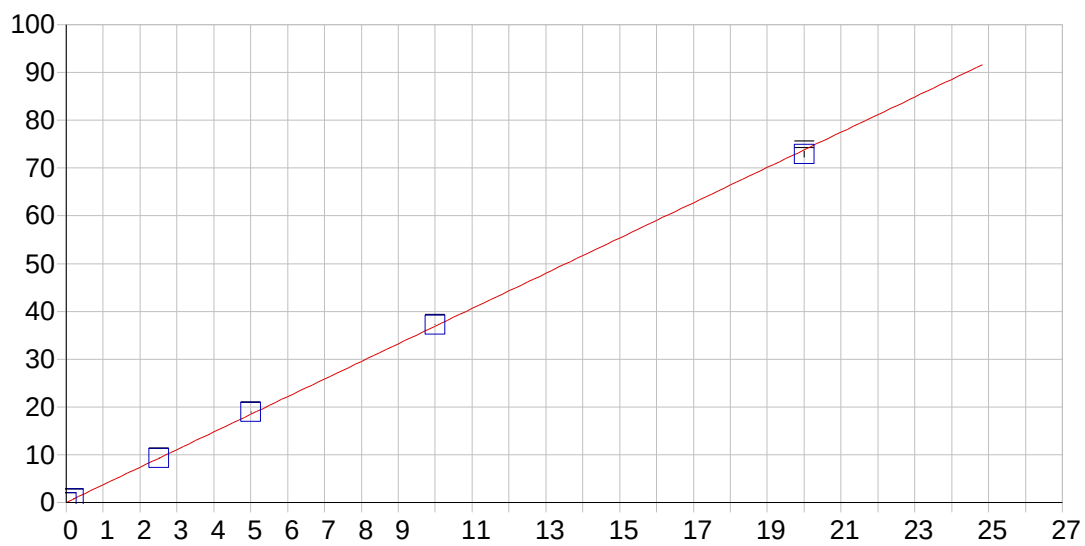


AI 396.152 { 85}

Date of Fit: 9/14/2018 15:09:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004413 Re-Slope: 1.000000
 A1 (Gain): 0.082109 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999806 Status: OK.
 Std Error of Est: 0.001006
 Predicted MDL: 0.013396
 Predicted MQL: 0.044654

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00441	.000	1
S1	.20000	.19413	-.006	-2.93	.02038	.001	1
S2	38.750	37.021	-1.73	-4.46	3.0471	.012	1
S3	77.500	75.608	-1.89	-2.44	6.2185	.021	1
S4	155.00	150.14	-4.86	-3.14	12.344	.033	1
S5	310.00	305.76	-4.24	-1.37	25.134	.167	1
S6	800.00	812.74	12.7	1.59	66.737	.087	1

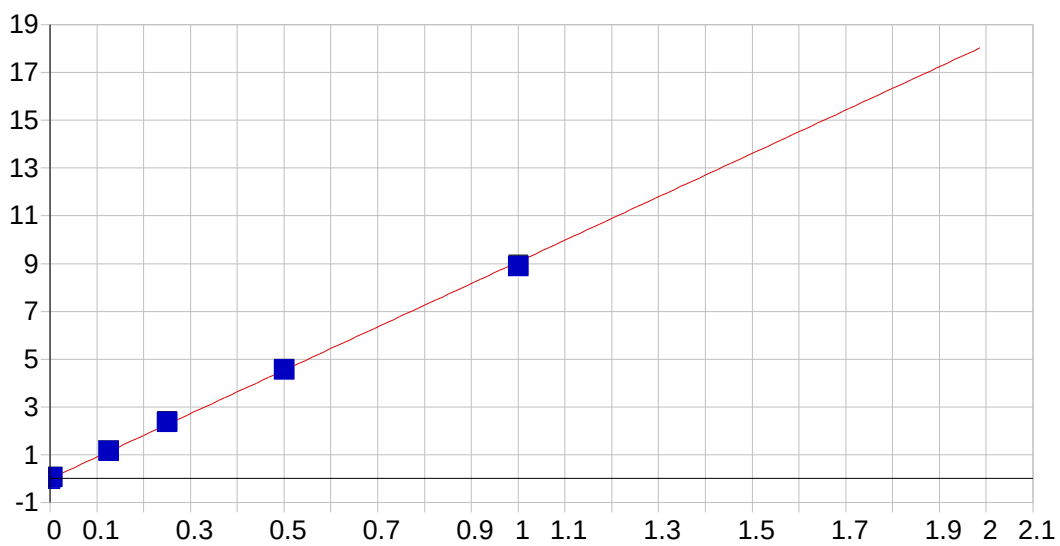


Ba 493.409 { 68}

Date of Fit: 9/14/2018 15:09:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.009184 Re-Slope: 1.000000
 A1 (Gain): 3.689501 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999895 Status: OK.
 Std Error of Est: 0.005687
 Predicted MDL: 0.000876
 Predicted MQL: 0.002919

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00912	.002	1
S1	.20000	.21165	.012	5.83	.79008	.003	1
S2	2.5000	2.5191	.019	.764	9.3034	.024	1
S3	5.0000	5.1251	.125	2.50	18.918	.030	1
S4	10.000	10.093	.093	.932	37.248	.080	1
S5	20.000	19.751	-.249	-1.25	72.880	.672	1

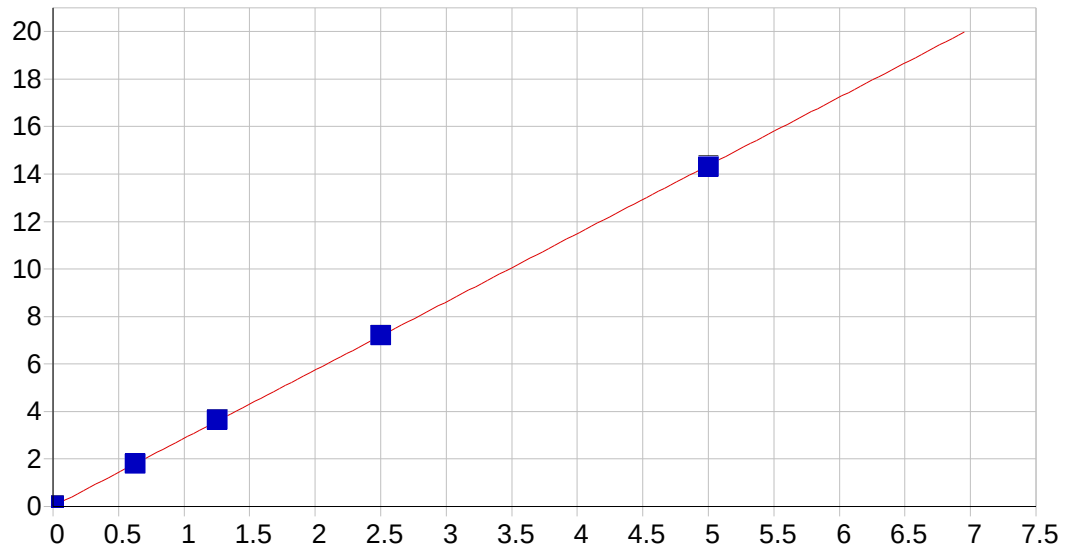


Be 234.861 {144}

Date of Fit: 9/14/2018 15:09:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003247 Re-Slope: 1.000000
 A1 (Gain): 9.075671 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999708 Status: OK.
 Std Error of Est: 0.000820
 Predicted MDL: 0.000061
 Predicted MQL: 0.000204

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00325	.000	1
S1	.00500	.00556	.001	11.2	.04715	.000	1
S2	.12500	.12879	.004	3.03	1.1606	.011	1
S3	.25000	.26162	.012	4.65	2.3612	.007	1
S4	.50000	.50290	.003	.579	4.5410	.018	1
S5	1.0000	.98114	-.019	-1.89	8.8615	.031	1

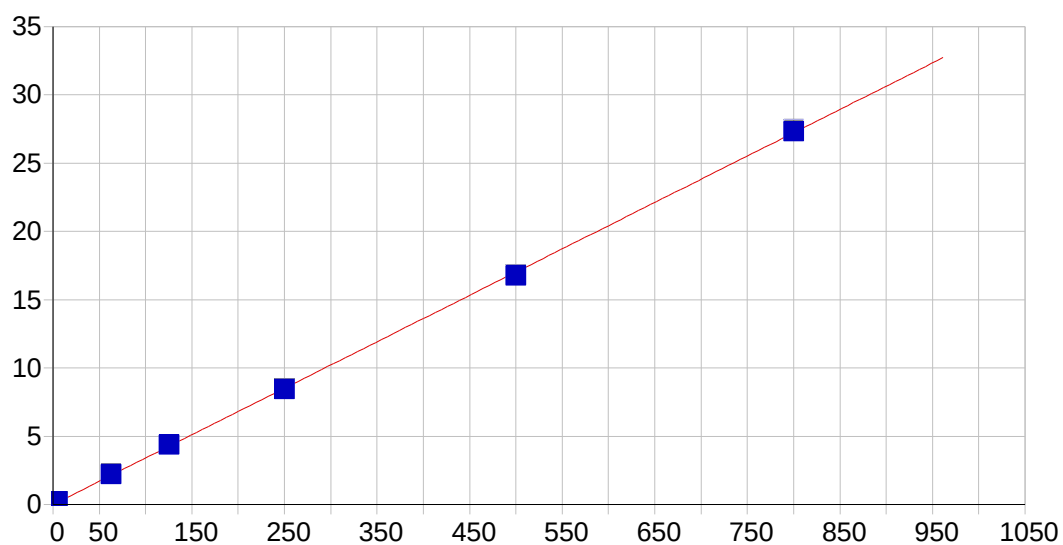


Cd 214.438 {457}

Date of Fit: 9/14/2018 15:09:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000465 Re-Slope: 1.000000
 A1 (Gain): 2.872981 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000159
 Predicted MDL: 0.000079
 Predicted MQL: 0.000263

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00046	.000	1
S1	.00500	.00543	.000	8.69	.01609	.000	1
S2	.62500	.62400	-.001	-.160	1.7969	.004	1
S3	1.2500	1.2680	.018	1.44	3.6508	.009	1
S4	2.5000	2.5050	.005	.202	7.2122	.007	1
S5	5.0000	4.9775	-.022	-.450	14.330	.006	1

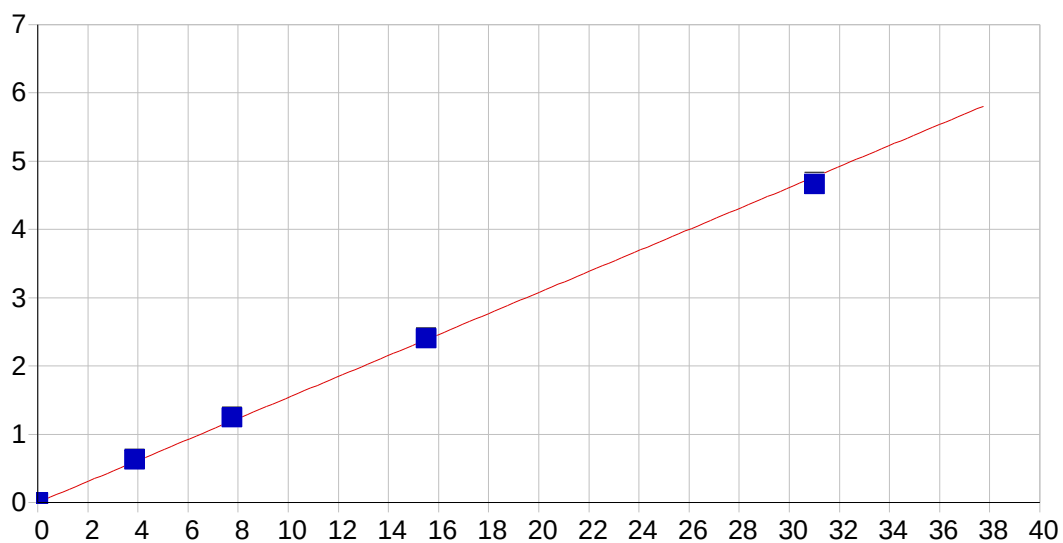


Ca 373.690 { 90}

Date of Fit: 9/14/2018 15:09:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003055 Re-Slope: 1.000000
 A1 (Gain): 0.034036 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999897 Status: OK.
 Std Error of Est: 0.001717
 Predicted MDL: 0.022590
 Predicted MQL: 0.075301

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00056	-.001	.000	.00304	.000	1
S1	5.0000	5.2842	.284	5.68	.18293	.000	1
S2	62.500	65.221	2.72	4.35	2.2305	.008	1
S3	125.00	128.63	3.63	2.91	4.3964	.002	1
S4	250.00	248.32	-1.68	-.673	8.4852	.005	1
S5	500.00	492.73	-7.27	-1.45	16.834	.016	1
S6	800.00	802.32	2.32	.290	27.473	.008	1

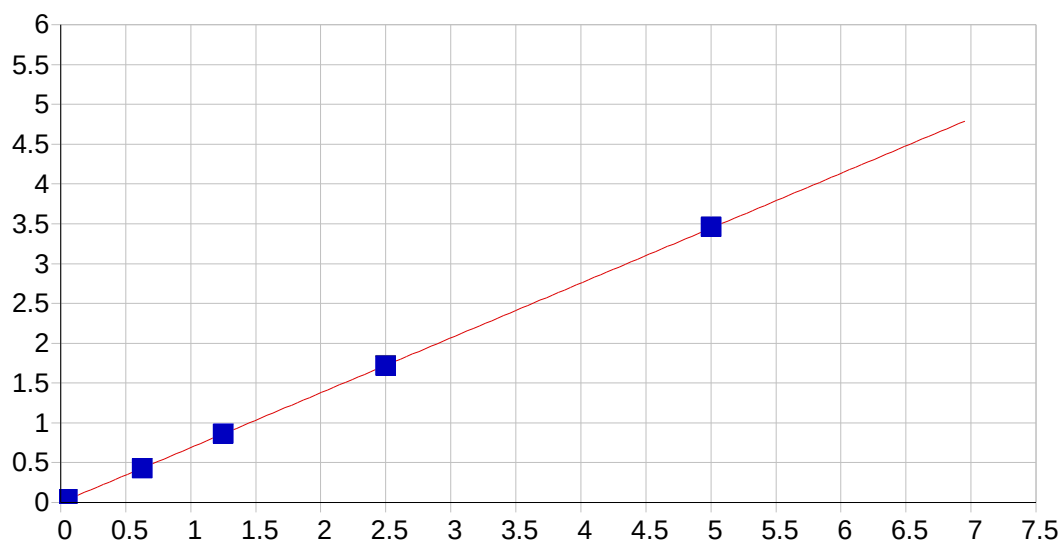


Cr 267.716 {126}

Date of Fit: 9/14/2018 15:09:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000035 Re-Slope: 1.000000
 A1 (Gain): 0.153825 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999626 Status: OK.
 Std Error of Est: 0.000125
 Predicted MDL: 0.000512
 Predicted MQL: 0.001708

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.01000	.01203	.002	20.3	.00189	.000	1
S2	3.8750	4.0912	.216	5.58	.63140	.002	1
S3	7.7500	8.0960	.346	4.47	1.2495	.003	1
S4	15.500	15.617	.117	.753	2.4104	.008	1
S5	31.000	30.319	-.681	-2.20	4.6801	.015	1

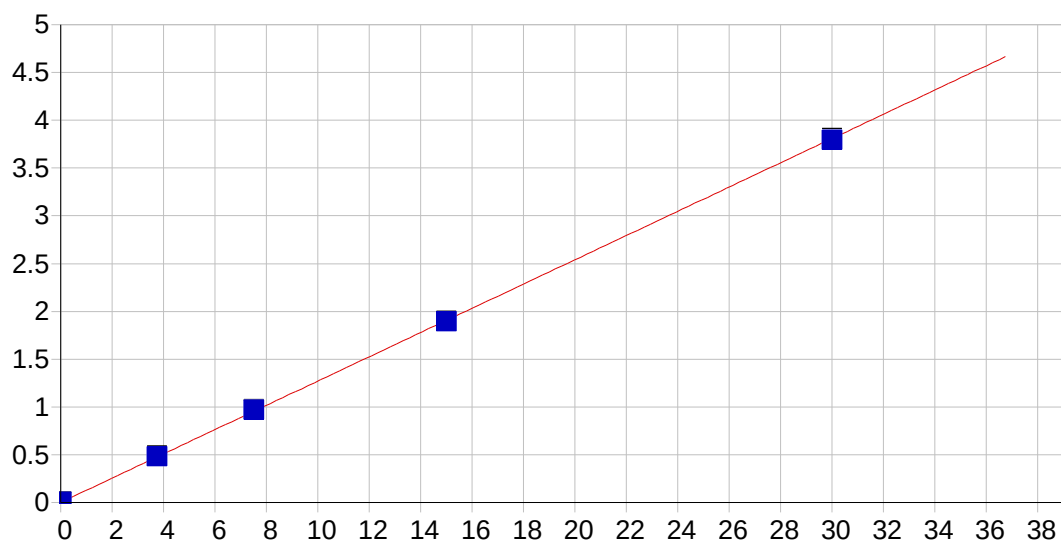


Co 228.616 {448}

Date of Fit: 9/14/2018 15:09:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000131 Re-Slope: 1.000000
 A1 (Gain): 0.688857 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999987 Status: OK.
 Std Error of Est: 0.000093
 Predicted MDL: 0.000280
 Predicted MQL: 0.000934

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00013	.000	1
S1	.05000	.05032	.000	.636	.03492	.000	1
S2	.62500	.61572	-.009	-1.49	.42512	.000	1
S3	1.2500	1.2526	.003	.206	.86468	.002	1
S4	2.5000	2.4897	-.010	-.412	1.7186	.002	1
S5	5.0000	5.0167	.017	.334	3.4627	.002	1

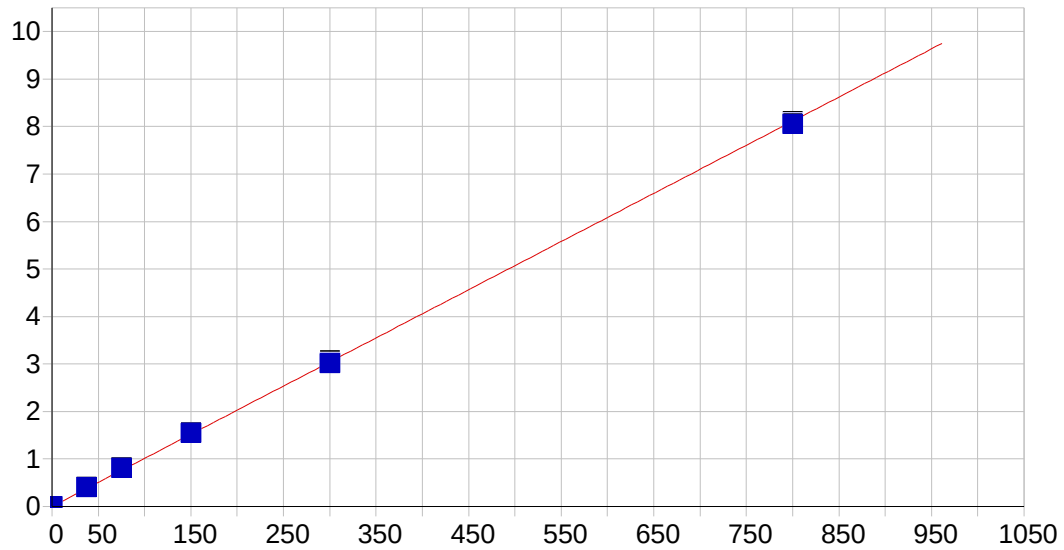


Cu 324.754 {104}

Date of Fit: 9/14/2018 15:09:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000889 Re-Slope: 1.000000
 A1 (Gain): 0.126933 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999959 Status: OK.
 Std Error of Est: 0.000053
 Predicted MDL: 0.004378
 Predicted MQL: 0.014593

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00089	.000	1
S1	.02500	.02763	.003	10.5	.00439	.000	1
S2	3.7500	3.8093	.059	1.58	.48412	.001	1
S3	7.5000	7.6353	.135	1.80	.96947	.003	1
S4	15.000	14.907	-.093	-.623	1.8918	.005	1
S5	30.000	29.896	-.104	-.346	3.7933	.017	1

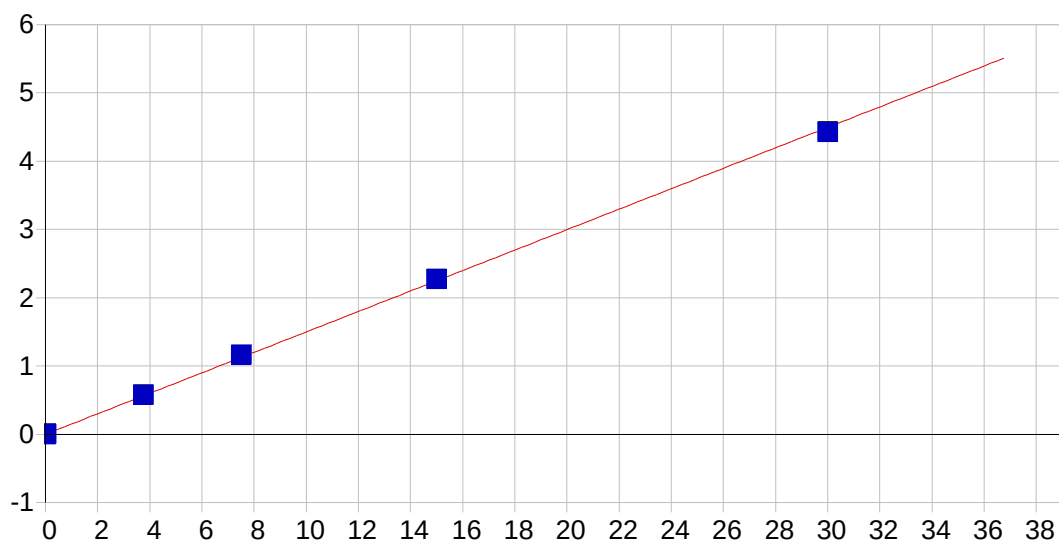


Fe 259.837 {130}

Date of Fit: 9/14/2018 15:09:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000154 Re-Slope: 1.000000
 A1 (Gain): 0.010142 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999822 Status: OK.
 Std Error of Est: 0.000084
 Predicted MDL: 0.024216
 Predicted MQL: 0.080720

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00015	.000	1
S1	.10000	.11330	.013	13.3	.00132	.000	1
S2	37.500	39.582	2.08	5.55	.40362	.001	1
S3	75.000	79.487	4.49	5.98	.81037	.005	1
S4	150.00	152.25	2.25	1.50	1.5524	.003	1
S5	300.00	297.78	-2.22	-.741	3.0364	.033	1
S6	800.00	793.38	-6.62	-.827	8.0833	.031	1

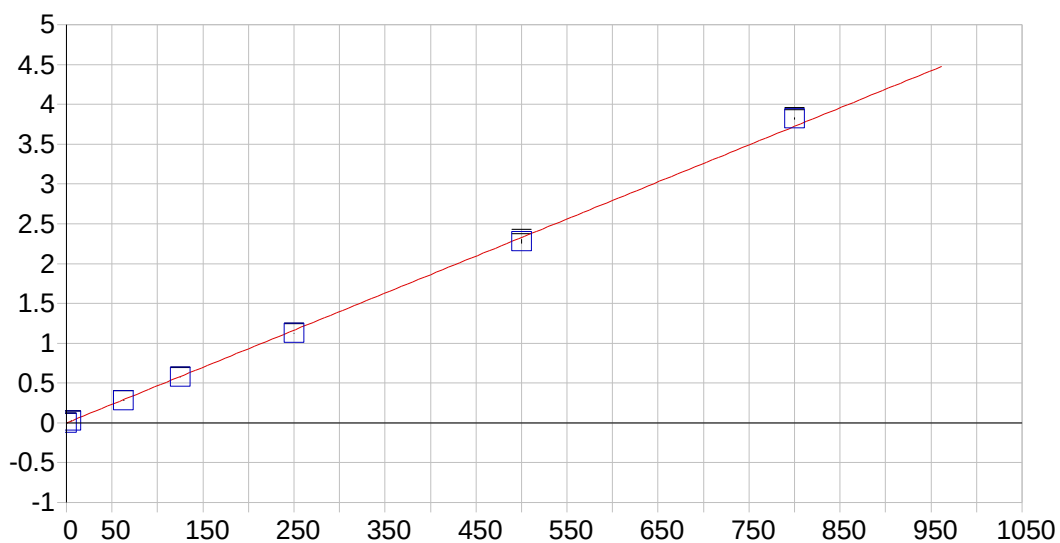


Mn 257.610 {131}

Date of Fit: 9/14/2018 15:09:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000117 Re-Slope: 1.000000
 A1 (Gain): 0.149873 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999804 Status: OK.
 Std Error of Est: 0.000105
 Predicted MDL: 0.001480
 Predicted MQL: 0.004933

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00012	.000	1
S1	.01500	.01615	.001	7.64	.00254	.000	1
S2	3.7500	3.8396	.090	2.39	.57569	.002	1
S3	7.5000	7.7768	.277	3.69	1.1659	.006	1
S4	15.000	15.134	.134	.895	2.2688	.003	1
S5	30.000	29.498	-.502	-1.67	4.4221	.015	1

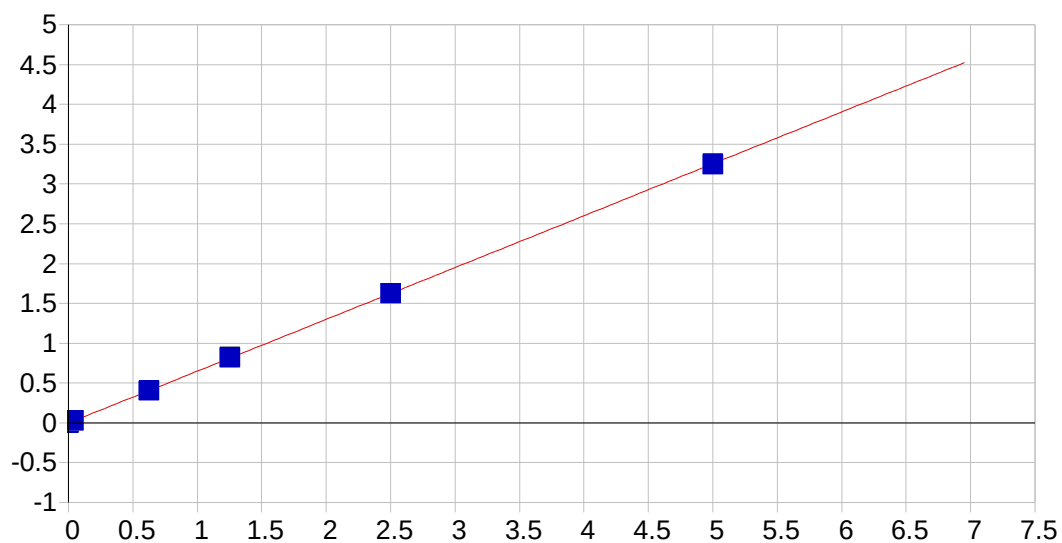


Mg 279.079 {121}

Date of Fit: 9/14/2018 15:09:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000296 Re-Slope: 1.000000
 A1 (Gain): 0.004655 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999689 Status: OK.
 Std Error of Est: 0.000406
 Predicted MDL: 0.065166
 Predicted MQL: 0.217220

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00024	.000	.000	-.00030	.000	1
S1	5.0000	5.0765	.076	1.53	.02333	.000	1
S2	62.500	60.832	-1.67	-2.67	.28285	.002	1
S3	125.00	123.59	-1.41	-1.13	.57495	.003	1
S4	250.00	242.04	-7.96	-3.19	1.1263	.003	1
S5	500.00	489.78	-10.2	-2.04	2.2794	.025	1
S6	800.00	821.19	21.2	2.65	3.8220	.012	1

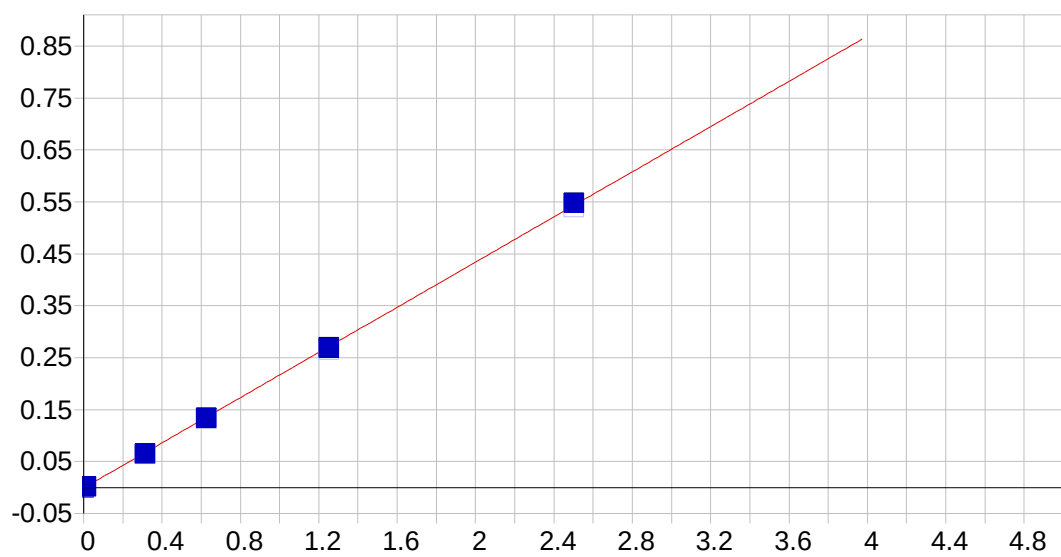


Ni 231.604 {446}

Date of Fit: 9/14/2018 15:09:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001747 Re-Slope: 1.000000
 A1 (Gain): 0.650844 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980 Status: OK.
 Std Error of Est: 0.000097
 Predicted MDL: 0.000389
 Predicted MQL: 0.001296

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00175	.000	1
S1	.04000	.04248	.002	6.20	.02591	.000	1
S2	.62500	.62730	.002	.368	.40736	.000	1
S3	1.2500	1.2641	.014	1.13	.82268	.002	1
S4	2.5000	2.4942	-.006	-.233	1.6249	.002	1
S5	5.0000	4.9869	-.013	-.262	3.2506	.003	1

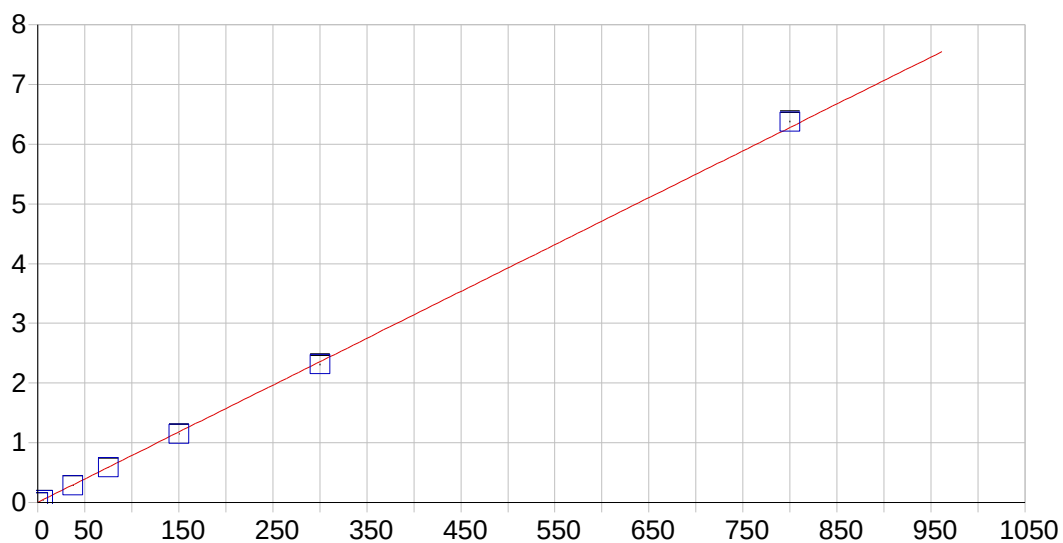


Ag 328.068 {103}

Date of Fit: 9/14/2018 15:09:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000838	Re-Slope: 1.000000
A1 (Gain):	0.217411	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999942	Status: OK.
Std Error of Est:	0.000019	
Predicted MDL:	0.000511	
Predicted MQL:	0.001705	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00084	.000	1
S1	.01000	.00999	.000	-.075	.00132	.000	1
S2	.31250	.30410	-.008	-2.69	.06424	.000	1
S3	.62500	.61966	-.005	-.854	.13181	.000	1
S4	1.2500	1.2415	-.009	-.684	.26493	.001	1
S5	2.5000	2.5223	.022	.892	.53926	.000	1

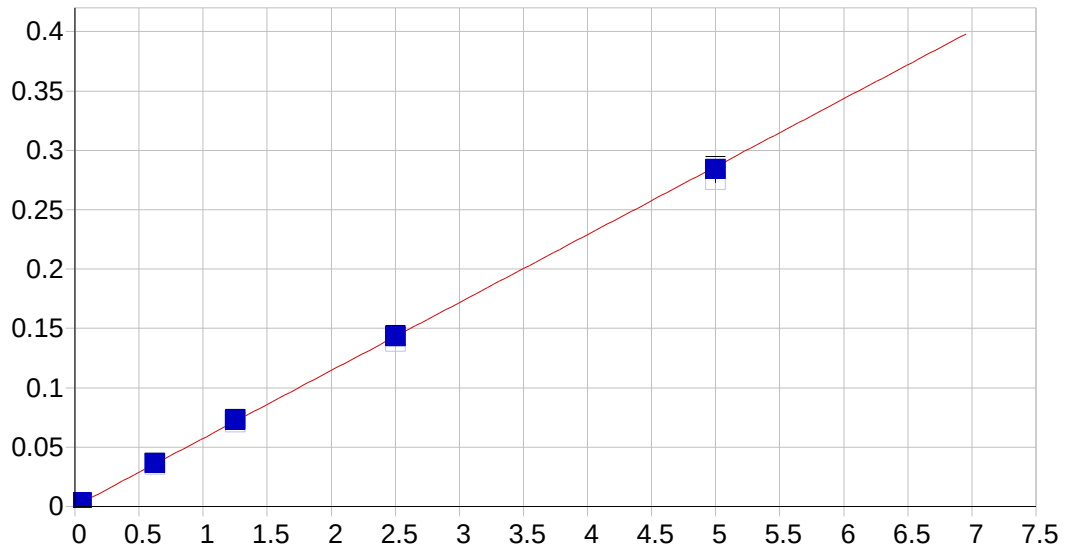


Na 818.326 { 41}

Date of Fit: 9/14/2018 15:09:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002028 Re-Slope: 1.000000
 A1 (Gain): 0.007848 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999820 Status: OK.
 Std Error of Est: 0.000460
 Predicted MDL: 0.292962
 Predicted MQL: 0.976539

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00071	.001	.000	.00203	.001	1
S1	5.0000	4.6863	-.314	-6.27	.03881	.001	1
S2	37.500	36.057	-1.44	-3.85	.28500	.002	1
S3	75.000	74.151	-.849	-1.13	.58397	.001	1
S4	150.00	146.11	-3.89	-2.59	1.1488	.004	1
S5	300.00	294.13	-5.87	-1.96	2.3104	.017	1
S6	800.00	812.36	12.4	1.54	6.3775	.012	1

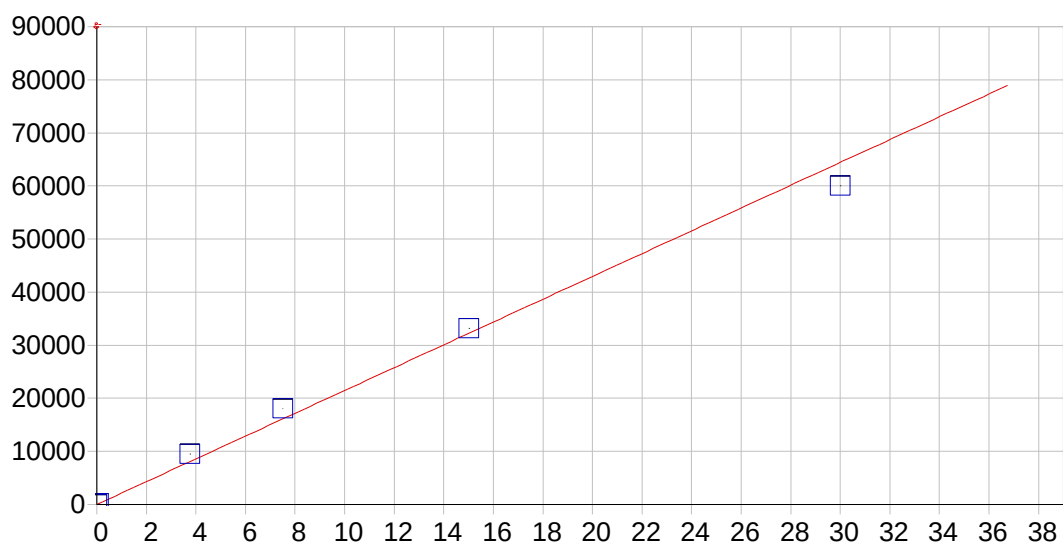


V 292.402 {115}

Date of Fit: 9/14/2018 15:09:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000140 Re-Slope: 1.000000
 A1 (Gain): 0.057214 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999947 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.006549
 Predicted MQL: 0.021830

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00014	.000	1
S1	.05000	.05066	.001	1.31	.00303	.000	1
S2	.62500	.63306	.008	1.29	.03518	.000	1
S3	1.2500	1.2766	.027	2.13	.07082	.000	1
S4	2.5000	2.5005	.001	.021	.13849	.001	1
S5	5.0000	4.9641	-.036	-.717	.27472	.002	1

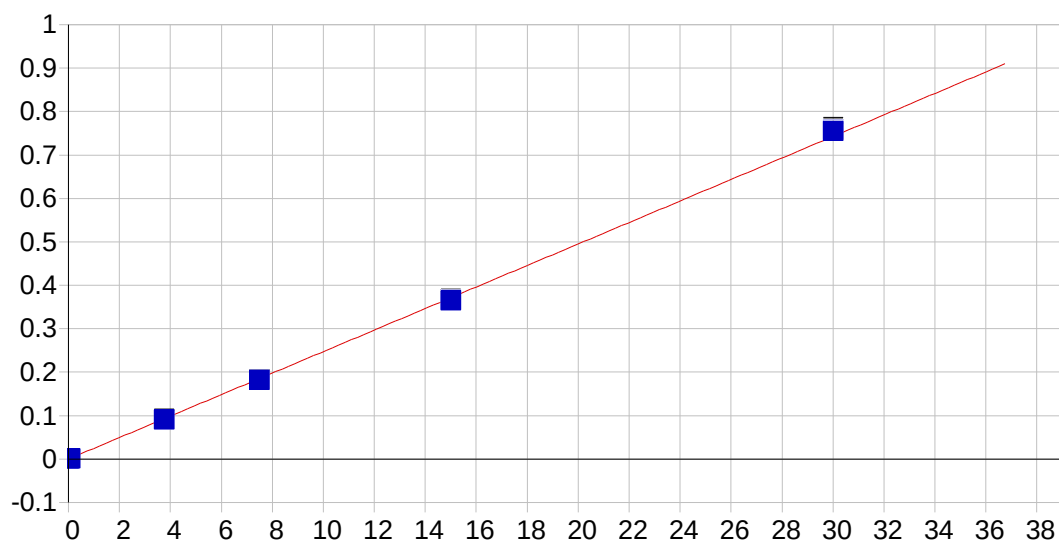


Zn 206.200 {464}

Date of Fit: 9/14/2018 15:09:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 2.324328 Re-Slope: 1.000000
 A1 (Gain): 2147.829446 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.996536 Status: OK.
 Std Error of Est: 12.753285
 Predicted MDL: 0.000289
 Predicted MQL: 0.000963

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	2.2486	.302	1
S1	.06000	.07941	.019	32.4	172.89	1.91	1
S2	3.7500	4.4361	.686	18.3	9530.2	5.77	1
S3	7.5000	8.4017	.902	12.0	18048.	27.9	1
S4	15.000	15.437	.437	2.91	33157.	9.45	1
S5	30.000	27.956	-2.04	-6.81	60048.	21.9	1

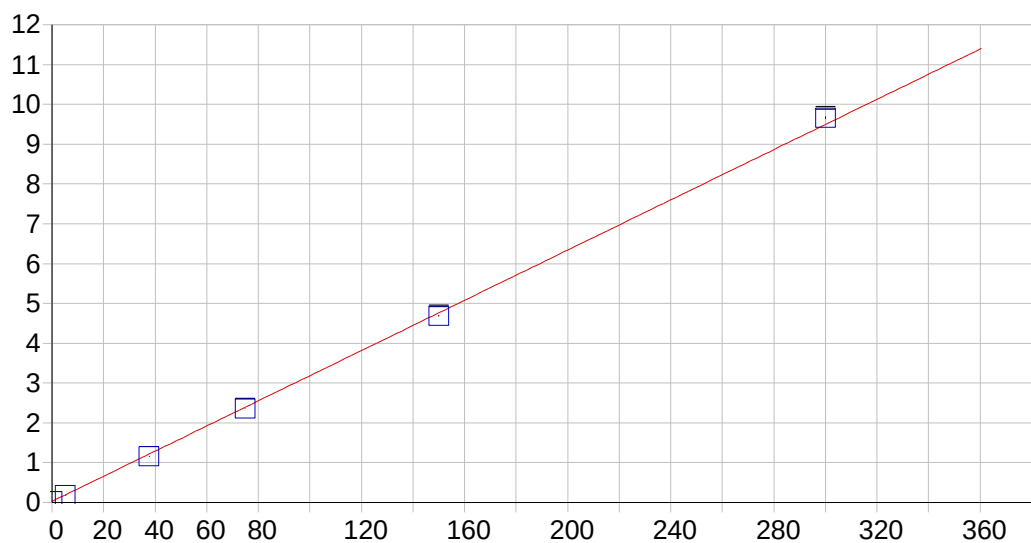


Zn 213.856 {158}

Date of Fit: 9/14/2018 15:09:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000219 Re-Slope: 1.000000
 A1 (Gain): 0.024763 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999832 Status: OK.
 Std Error of Est: 0.000032
 Predicted MDL: 0.013758
 Predicted MQL: 0.045862

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00022	.000	1
S1	.06000	.05048	-.010	-15.9	.00104	.000	1
S2	3.7500	3.6563	-.094	-2.50	.09076	.001	1
S3	7.5000	7.3560	-.144	-1.92	.18281	.001	1
S4	15.000	14.748	-.252	-1.68	.36675	.002	1
S5	30.000	30.499	.499	1.66	.75852	.006	1

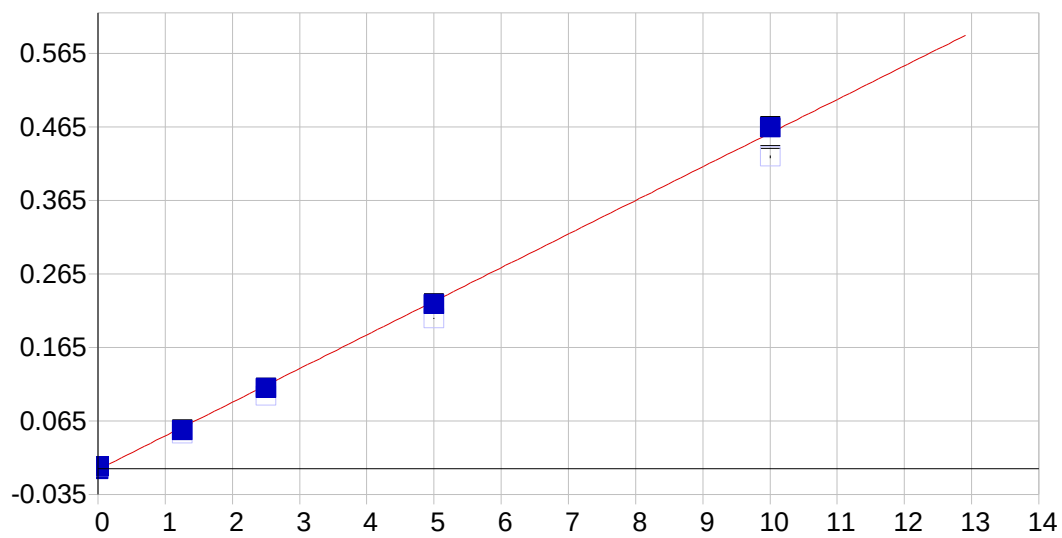


K 769.896 { 44}

Date of Fit: 9/14/2018 15:09:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.028443 Re-Slope: 1.000000
 A1 (Gain): 0.031554 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999803 Status: OK.
 Std Error of Est: 0.001290
 Predicted MDL: 0.065400
 Predicted MQL: 0.218001

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00047	.000	.000	.02846	.002	1
S1	5.0000	4.8130	-.187	-3.74	.18032	.004	1
S2	37.500	35.843	-1.66	-4.42	1.1594	.004	1
S3	75.000	73.875	-1.12	-1.50	2.3595	.008	1
S4	150.00	147.73	-2.27	-1.51	4.6899	.019	1
S5	300.00	305.24	5.24	1.75	9.6601	.033	1

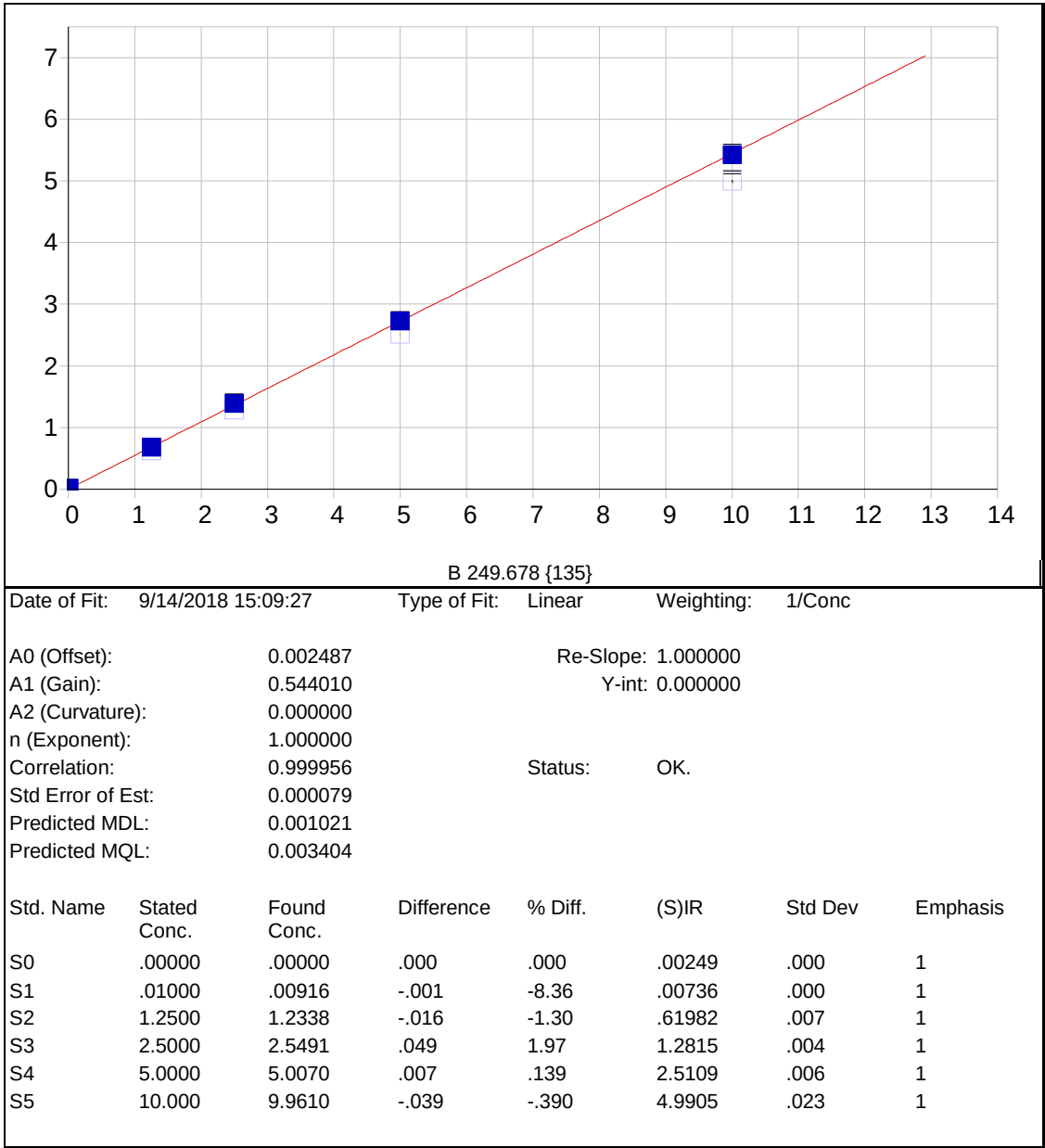


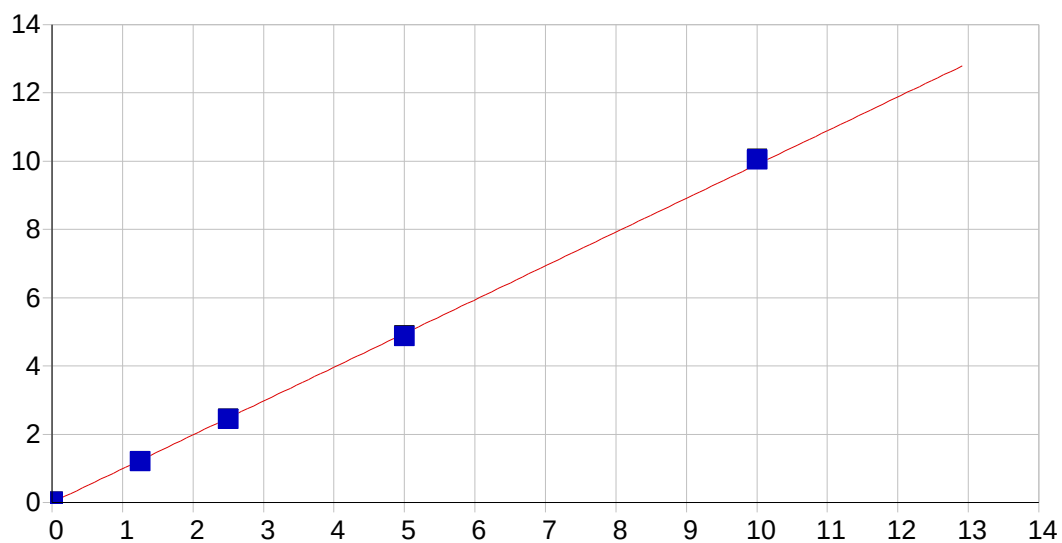
P 177.495 {490}

Date of Fit: 9/14/2018 15:09:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001049 Re-Slope: 1.000000
 A1 (Gain): 0.045750 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.981277 Status: OK.
 Std Error of Est: 0.000138
 Predicted MDL: 0.002371
 Predicted MQL: 0.007903

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00008	.000	.000	-.00105	.000	1
S1	.01000	.08691	.077	769.	.00290	.000	1
S2	1.2500	1.1736	-.076	-6.11	.04771	.000	1
S3	2.5000	2.4164	-.084	-3.35	.09963	.000	1
S4	5.0000	4.9189	-.081	-1.62	.20426	.001	1
S5	10.000	10.162	.162	1.62	.42442	.002	1



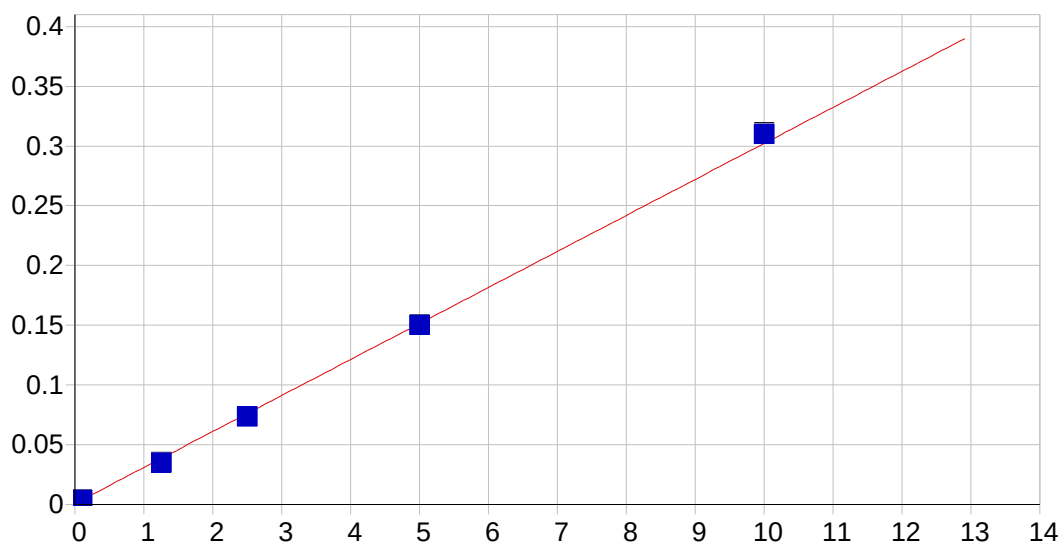


Mo 202.030 {467}

Date of Fit: 9/14/2018 15:09:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000840 Re-Slope: 1.000000
 A1 (Gain): 0.990210 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999867 Status: OK.
 Std Error of Est: 0.000271
 Predicted MDL: 0.000256
 Predicted MQL: 0.000855

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00084	.000	1
S1	.01000	.00999	.000	-.095	.01073	.000	1
S2	1.2500	1.2154	-.035	-2.76	1.2043	.002	1
S3	2.5000	2.4653	-.035	-1.39	2.4419	.003	1
S4	5.0000	4.9194	-.081	-1.61	4.8718	.007	1
S5	10.000	10.150	.150	1.50	10.051	.013	1

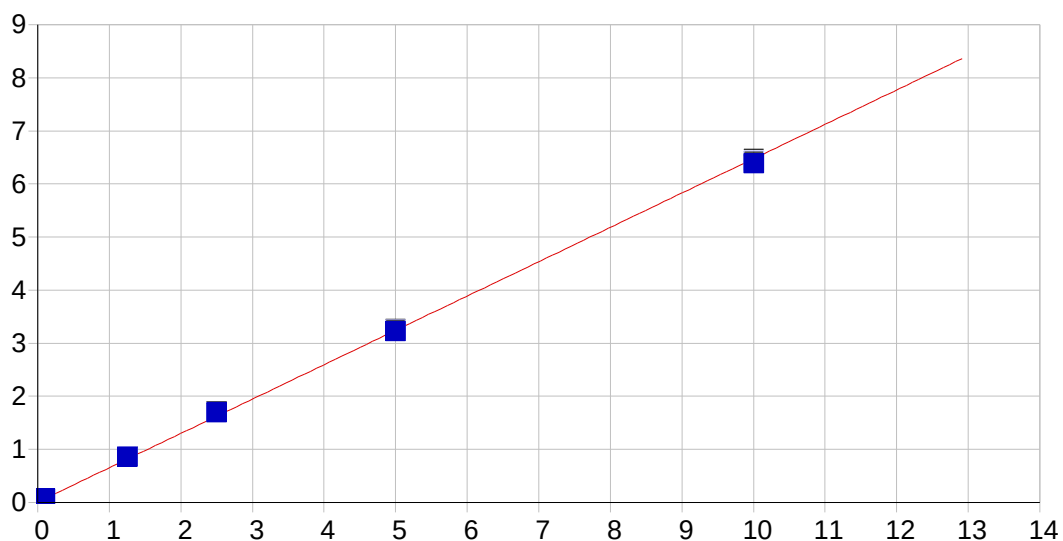


S 182.034 {485}

Date of Fit: 9/14/2018 15:09:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000800 Re-Slope: 1.000000
 A1 (Gain): 0.030141 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999418 Status: OK.
 Std Error of Est: 0.000055
 Predicted MDL: 0.003949
 Predicted MQL: 0.013162

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00080	.000	1
S1	.10000	.08942	-.011	-10.6	.00349	.000	1
S2	1.2500	1.1380	-.112	-8.96	.03511	.000	1
S3	2.5000	2.4052	-.095	-3.79	.07332	.000	1
S4	5.0000	4.9563	-.044	-.875	.15024	.000	1
S5	10.000	10.261	.261	2.61	.31018	.001	1

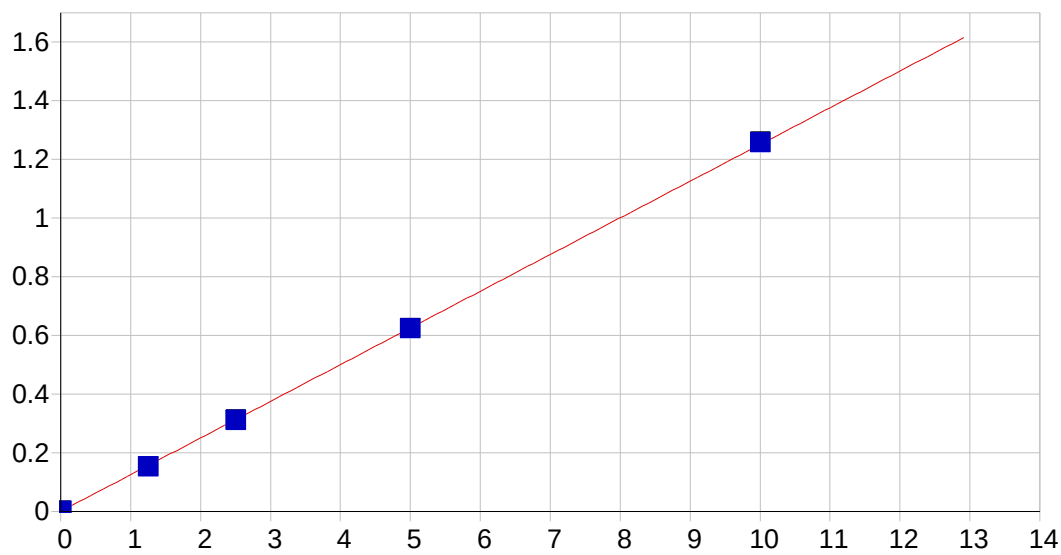


Si 251.611 {134}

Date of Fit: 9/14/2018 15:09:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008044 Re-Slope: 1.000000
 A1 (Gain): 0.646782 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999730 Status: OK.
 Std Error of Est: 0.000806
 Predicted MDL: 0.001003
 Predicted MQL: 0.003344

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00804	.001	1
S1	.10000	.09927	-.001	-.725	.07248	.001	1
S2	1.2500	1.3128	.063	5.03	.86378	.007	1
S3	2.5000	2.6108	.111	4.43	1.7099	.007	1
S4	5.0000	4.9737	-.026	-.527	3.2514	.016	1
S5	10.000	9.8535	-.147	-1.47	6.4341	.034	1

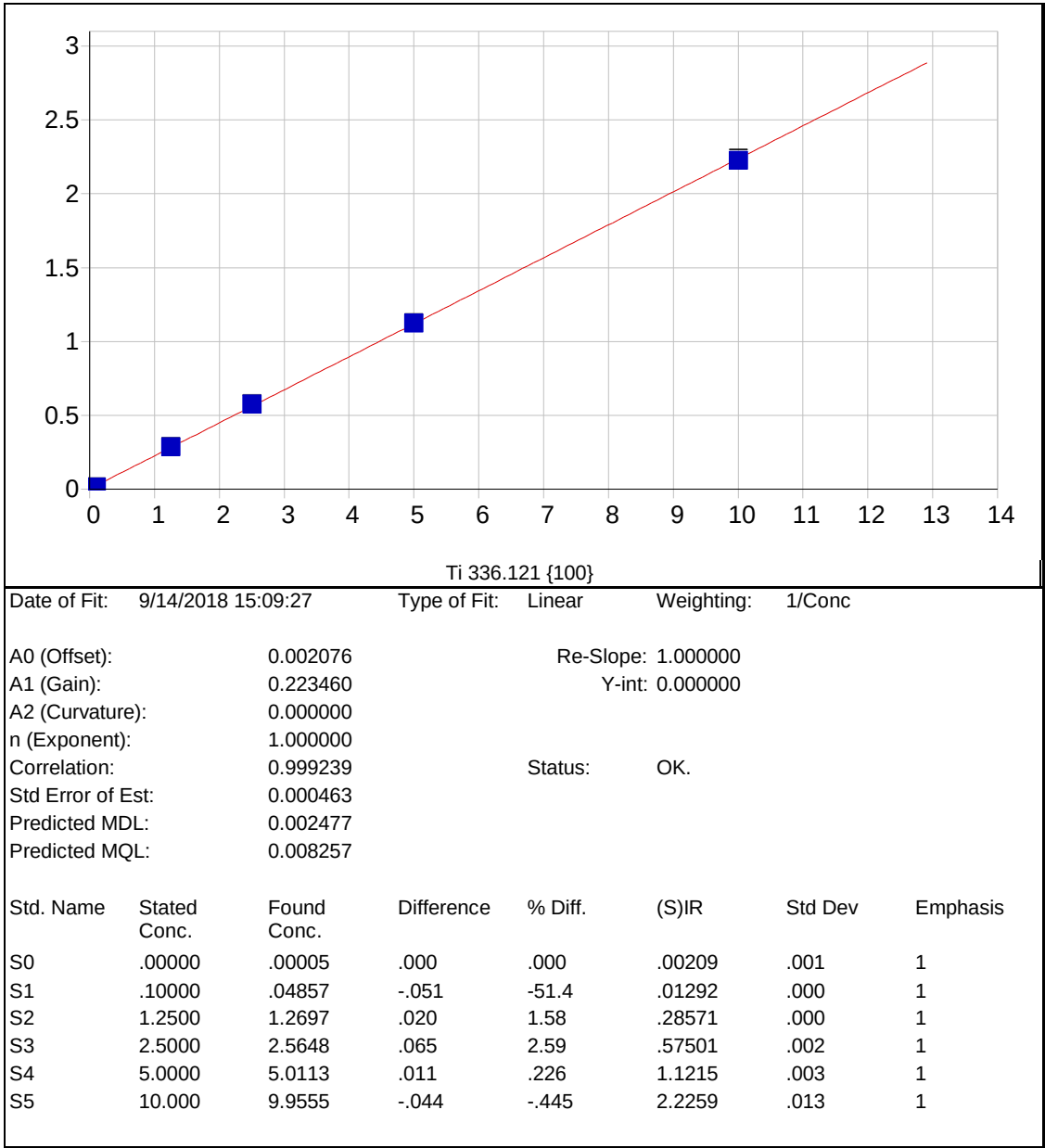


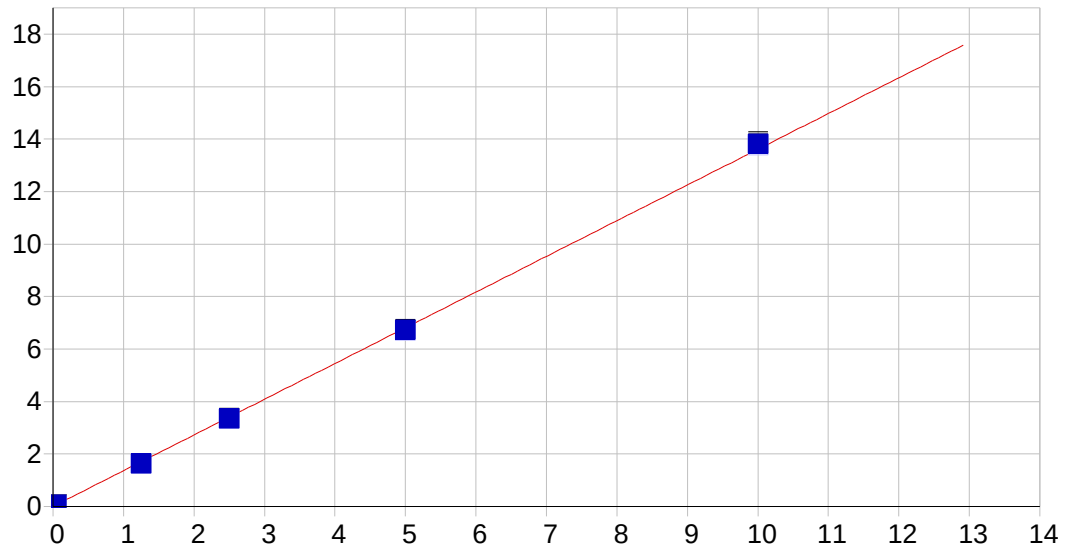
Sn 189.989 {478}

Date of Fit: 9/14/2018 15:09:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000337 Re-Slope: 1.000000
 A1 (Gain): 0.125096 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.000952
 Predicted MQL: 0.003174

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00034	.000	1
S1	.00700	.00697	.000	-.359	.00117	.000	1
S2	1.2500	1.2167	-.033	-2.66	.15219	.001	1
S3	2.5000	2.4882	-.012	-.474	.31090	.001	1
S4	5.0000	4.9864	-.014	-.272	.62273	.001	1
S5	10.000	10.059	.059	.588	1.2559	.001	1



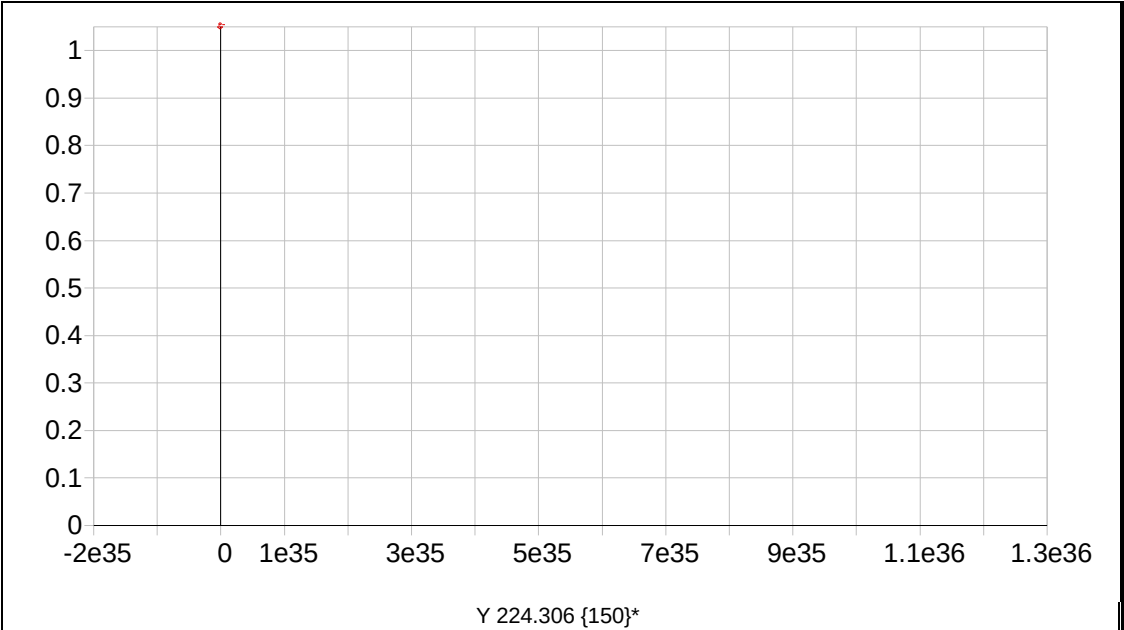


Li 670.784 { 50}

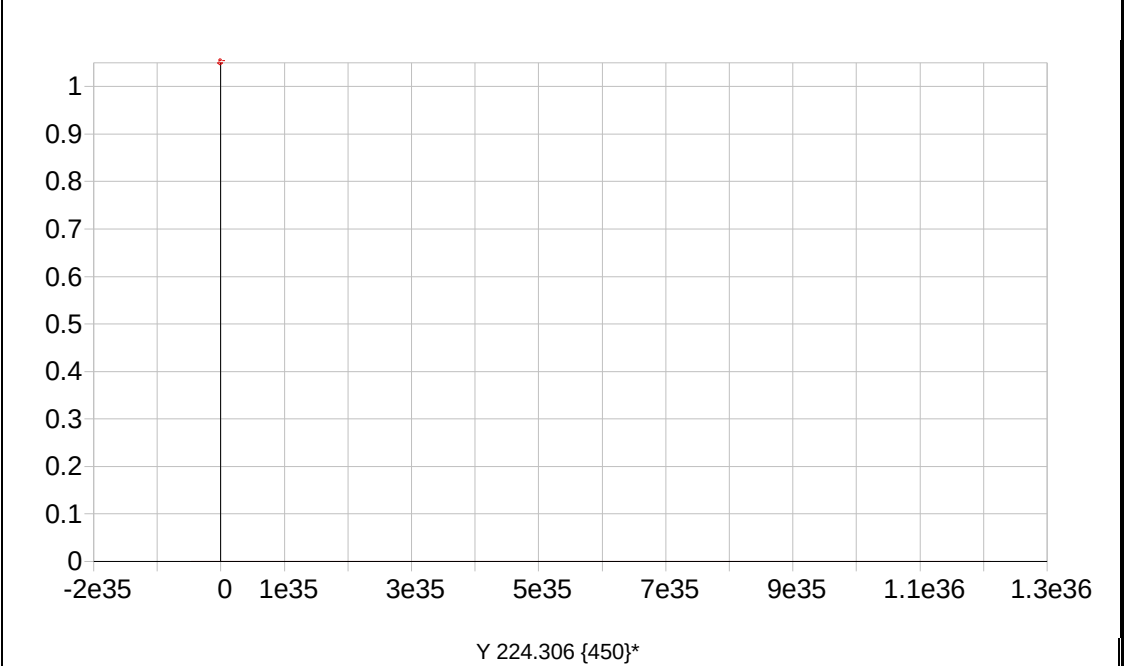
Date of Fit: 9/14/2018 15:09:27 Type of Fit: Linear Weighting: 1/Conc

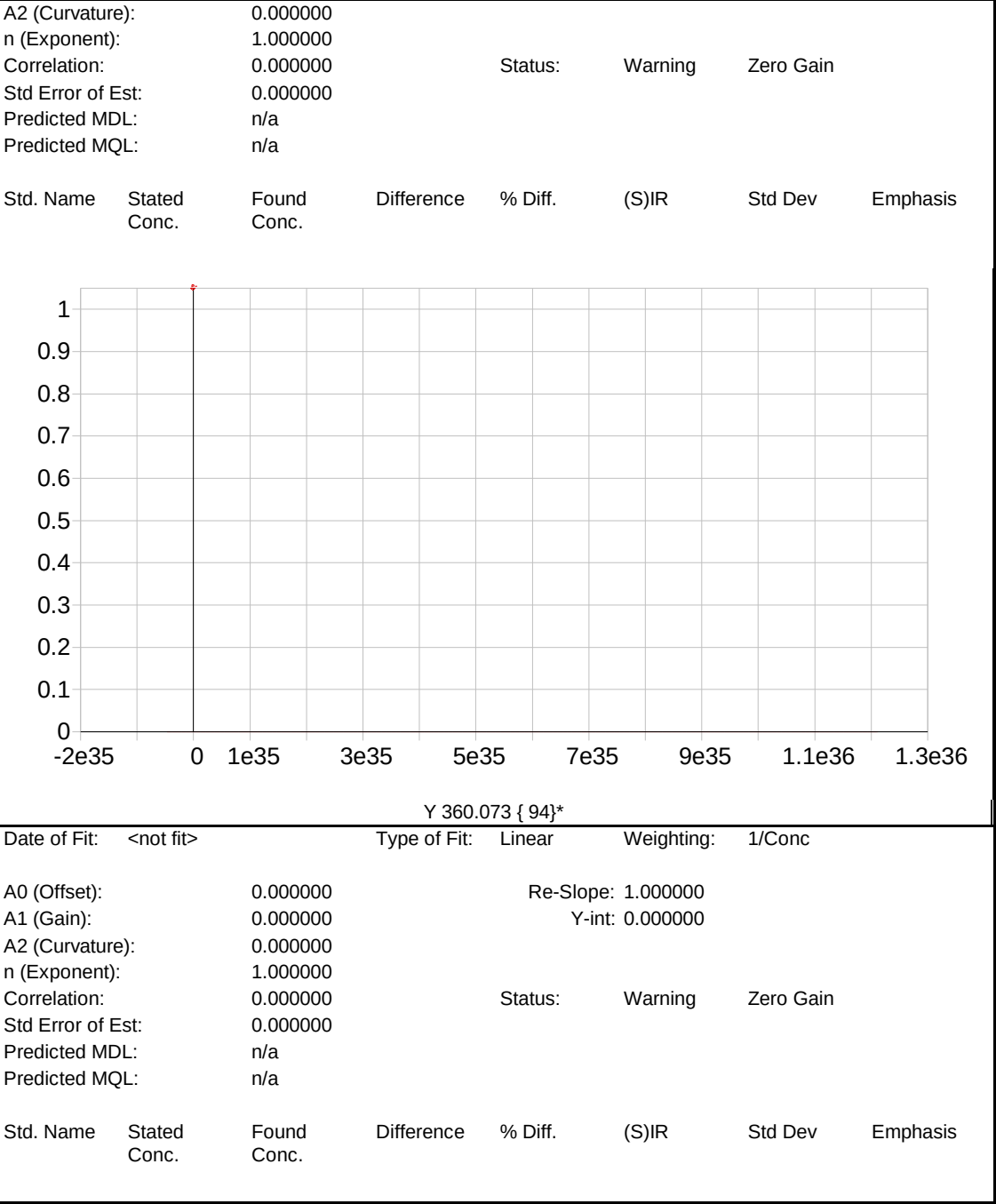
A0 (Offset): 0.005877 Re-Slope: 1.000000
 A1 (Gain): 1.360563 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999833 Status: OK.
 Std Error of Est: 0.000928
 Predicted MDL: 0.001751
 Predicted MQL: 0.005838

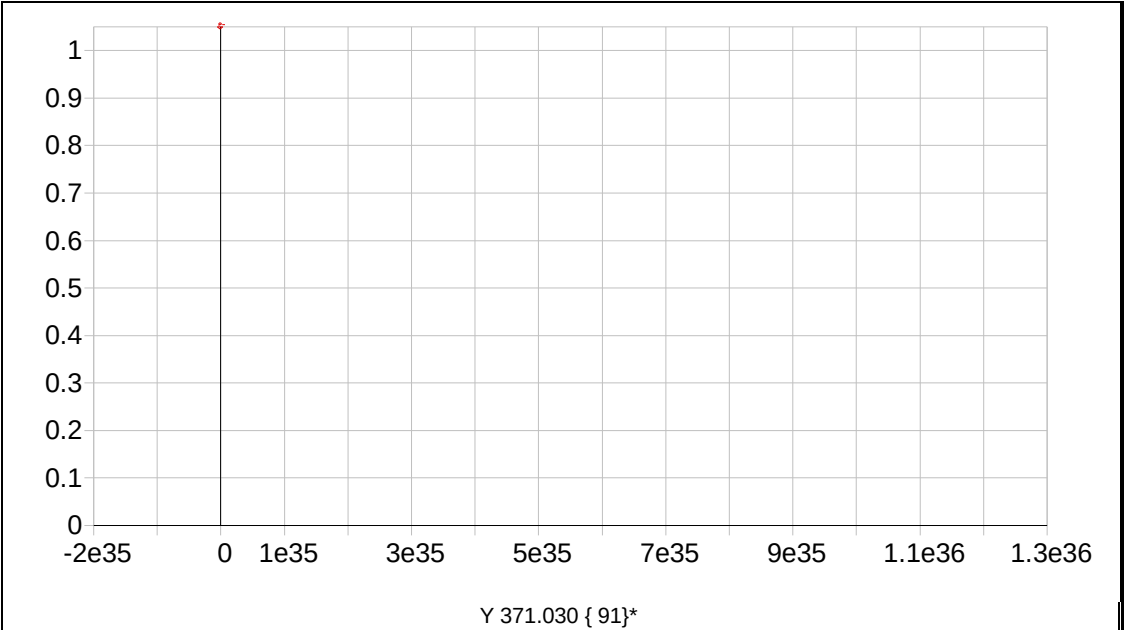
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00588	.000	1
S5	10.000	10.156	.156	1.56	13.747	.066	1
S4	5.0000	4.9393	-.061	-1.21	6.6878	.018	1
S3	2.5000	2.4610	-.039	-1.56	3.3351	.010	1
S2	1.2500	1.1961	-.054	-4.32	1.6236	.004	1
S1	.05000	.04771	-.002	-4.58	.07065	.002	1



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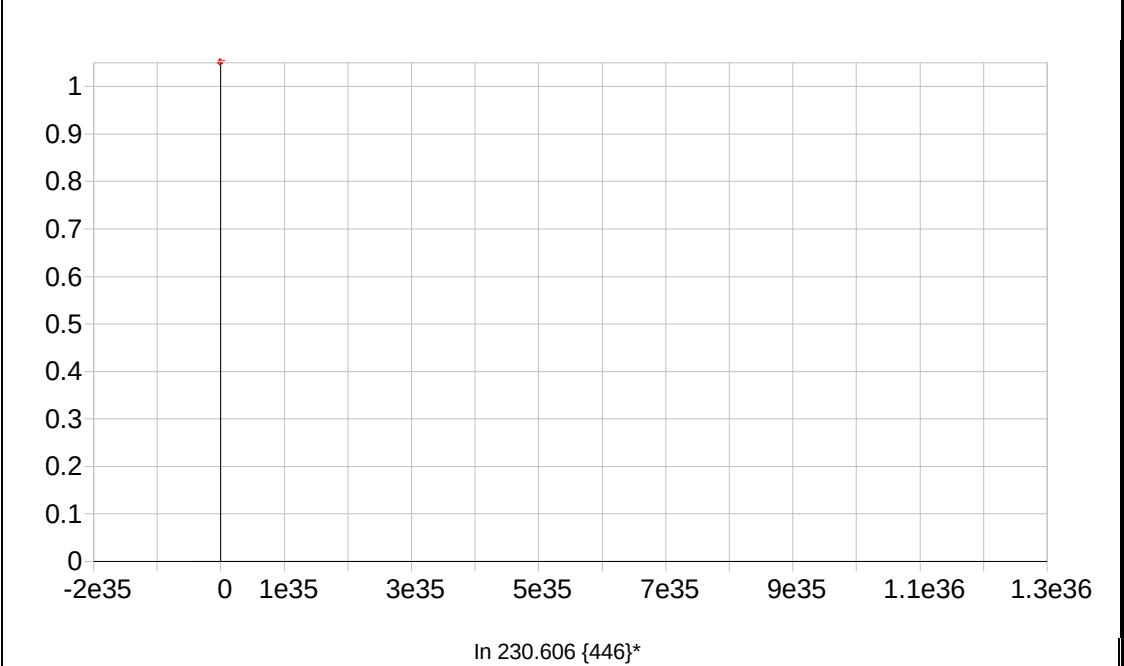




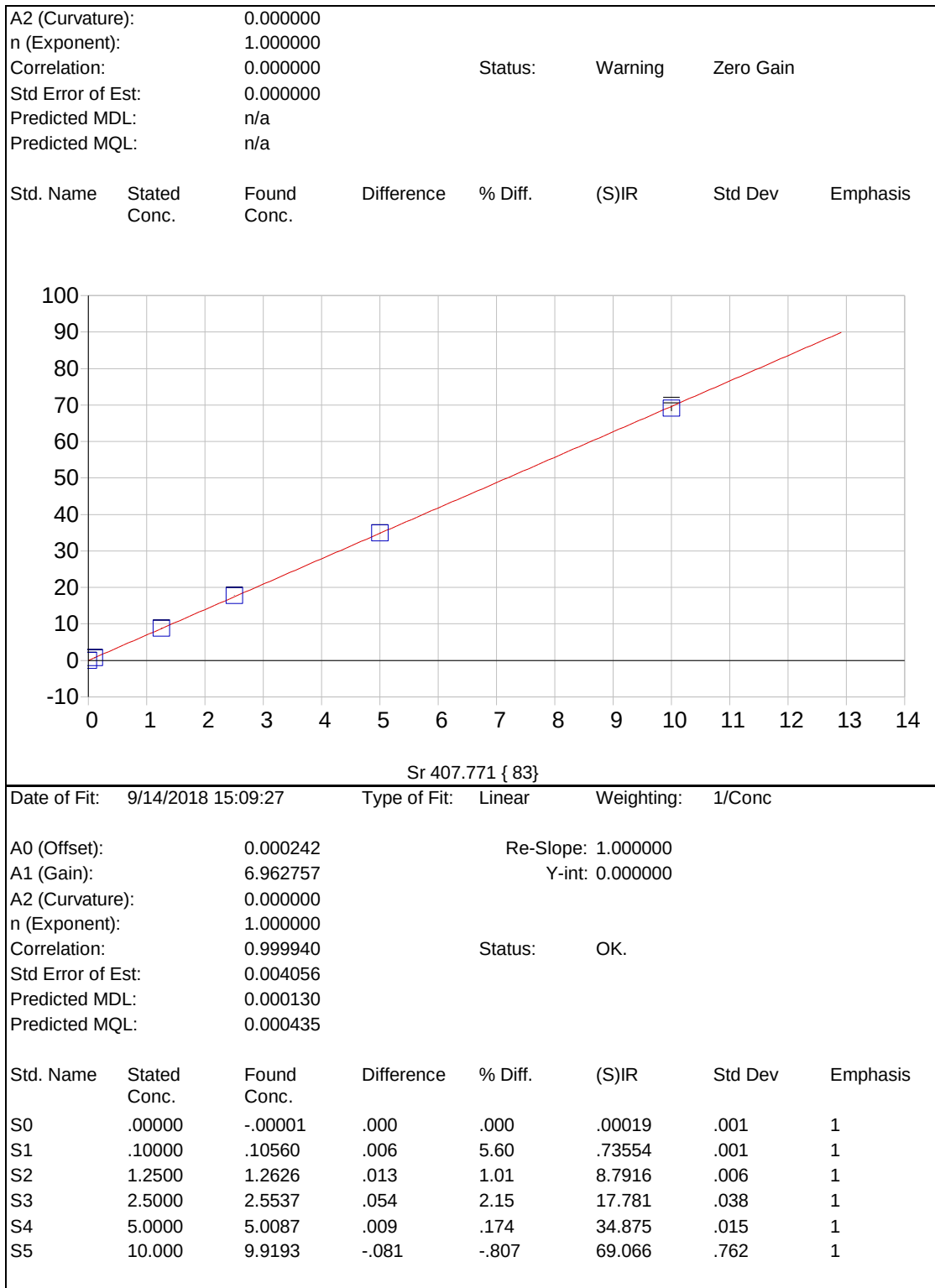


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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



Sample Name: S0 Acquired: 9/14/2018 13:04:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) 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	-.00029	-.00059	-.00037	.00032	.00050	.00441	.00912	-.00325
Stddev	.00013	.00005	.00033	.00010	.00016	.00038	.00214	.00039
%RSD	43.802	8.3776	88.646	31.186	32.197	8.6988	23.487	12.125

#1	-.00035	-.00062	-.00019	.00024	.00049	.00474	.00771	-.00283
#2	-.00014	-.00061	-.00076	.00043	.00035	.00399	.01158	-.00333
#3	-.00037	-.00053	-.00017	.00029	.00067	.00452	.00807	-.00361

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	.00046	.00304	.00003	.00013	.00089	.00015	.00012	-.00030
Stddev	.00021	.00025	.00002	.00012	.00034	.00015	.00014	.00045
%RSD	45.076	8.2224	48.605	91.639	38.184	94.828	122.89	153.92

#1	.00028	.00311	.00004	.00022	.00072	.00028	-.00004	-.00081
#2	.00069	.00276	.00002	.00018	.00066	.00019	.00024	-.00010
#3	.00042	.00324	.00005	-.00001	.00128	-.00001	.00016	.00003

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	-.00175	-.00084	.00203	.00014	-.00022	.02846	-.00105	.00249
Stddev	.00002	.00011	.00147	.00005	.00010	.00173	.00012	.00020
%RSD	1.2764	12.942	72.388	38.996	43.810	6.0790	11.587	8.1944

#1	-.00173	-.00076	.00333	.00010	-.00013	.02902	-.00094	.00225
#2	-.00175	-.00079	.00044	.00020	-.00032	.02984	-.00118	.00261
#3	-.00177	-.00096	.00233	.00011	-.00021	.02652	-.00103	.00260

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	.00084	.00080	.00804	.00034	.00209	.00588	.00019	
Stddev	.00015	.00009	.00050	.00011	.00058	.00028	.00073	
%RSD	18.108	11.762	6.2344	33.099	27.744	4.8229	394.86	

#1	.00100	.00070	.00781	.00033	.00144	.00586	-.00053	
#2	.00070	.00081	.00769	.00023	.00226	.00618	.00015	
#3	.00082	.00089	.00861	.00045	.00256	.00561	.00094	

Sample Name: S0 Acquired: 9/14/2018 13:04:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) 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	2234.3	2514.4	50420.	5051.1	3769.0
Stddev	16.8	3.1	221.	29.9	3.7
%RSD	.75015	.12236	.43824	.59200	.09881
#1	2215.2	2511.2	50205.	5083.2	3766.3
#2	2241.1	2517.3	50410.	5046.2	3773.3
#3	2246.6	2514.8	50647.	5024.0	3767.5

Sample Name: S1 Acquired: 9/14/2018 13:08:47 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) 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	.00031	.00157	.00137	.00371	.01356	.02038	.79008	.04715
Stddev	.00019	.00002	.00009	.00025	.00005	.00089	.00306	.00047
%RSD	60.146	.99480	6.4955	6.6288	.35929	4.3435	.38682	1.0015

#1	.00029	.00156	.00127	.00379	.01350	.02067	.79357	.04750
#2	.00014	.00155	.00141	.00343	.01358	.02108	.78785	.04662
#3	.00051	.00158	.00143	.00390	.01359	.01938	.78883	.04735

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	.01609	.18293	.00189	.03492	.00439	.00132	.00254	.02333
Stddev	.00007	.00026	.00004	.00015	.00030	.00009	.00011	.00020
%RSD	.46194	.14402	2.0072	.43746	6.7883	6.7647	4.2825	.85760

#1	.01603	.18268	.00185	.03504	.00405	.00130	.00260	.02311
#2	.01617	.18290	.00192	.03498	.00462	.00142	.00260	.02350
#3	.01607	.18321	.00191	.03475	.00450	.00125	.00241	.02338

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	.02591	.00132	.03881	.00303	.00104	.18032	.00290	.00736
Stddev	.00021	.00006	.00129	.00019	.00036	.00407	.00011	.00043
%RSD	.81987	4.8086	3.3346	6.2589	34.958	2.2562	3.9132	5.7974

#1	.02591	.00129	.04021	.00283	.00112	.18301	.00284	.00706
#2	.02613	.00139	.03767	.00320	.00135	.17564	.00303	.00718
#3	.02571	.00128	.03854	.00308	.00064	.18230	.00282	.00785

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	.01073	.00349	.07248	.00117	.01292	.07065	.73554	
Stddev	.00015	.00004	.00109	.00003	.00010	.00181	.00096	
%RSD	1.3872	1.2005	1.5021	2.5267	.75736	2.5650	.13046	

#1	.01071	.00345	.07369	.00114	.01284	.07227	.73625	
#2	.01059	.00353	.07159	.00118	.01290	.07099	.73592	
#3	.01089	.00350	.07215	.00120	.01303	.06870	.73445	

Sample Name: S1 Acquired: 9/14/2018 13:08:47 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) 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	2221.8	2500.1	50375.	5016.0	3778.0
Stddev	4.1	2.8	127.	37.1	6.6
%RSD	.18311	.11123	.25299	.73972	.17427
#1	2223.9	2499.9	50257.	4973.2	3778.3
#2	2224.4	2503.0	50510.	5037.7	3771.2
#3	2217.1	2497.5	50359.	5037.2	3784.4

Sample Name: S2 Acquired: 9/14/2018 13:12:55 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) 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	.06357	.09614	1.0214	.10577	.25421	3.0471	9.3034	1.1606
Stddev	.00022	.00026	.0026	.00078	.00029	.0118	.0239	.0111
%RSD	.33839	.27504	.25703	.73629	.11459	.38635	.25655	.95873

#1	.06381	.09622	1.0192	.10523	.25400	3.0585	9.3306	1.1709
#2	.06348	.09636	1.0205	.10542	.25408	3.0350	9.2862	1.1488
#3	.06341	.09585	1.0243	.10666	.25454	3.0480	9.2933	1.1621

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	1.7969	2.2305	.63140	.42512	.48412	.40362	.57569	.28285
Stddev	.0038	.0076	.00212	.00032	.00132	.00133	.00154	.00163
%RSD	.21290	.34043	.33599	.07538	.27225	.33044	.26740	.57474

#1	1.7959	2.2367	.63355	.42533	.48564	.40494	.57421	.28385
#2	1.7937	2.2220	.62931	.42528	.48325	.40228	.57558	.28097
#3	1.8011	2.2328	.63134	.42476	.48348	.40365	.57728	.28372

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	.40736	.06424	.28500	.03518	.09076	1.1594	.04771	.61982
Stddev	.00038	.00022	.00228	.00035	.00112	.0044	.00025	.00652
%RSD	.09444	.34257	.80031	.98832	1.2292	.37566	.51714	1.0519

#1	.40692	.06416	.28546	.03558	.09105	1.1564	.04744	.62701
#2	.40755	.06449	.28253	.03498	.09170	1.1575	.04793	.61430
#3	.40761	.06408	.28702	.03498	.08953	1.1644	.04776	.61815

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	1.2043	.03511	.86378	.15219	.28571	1.6236	8.7916	
Stddev	.0021	.00007	.00680	.00053	.00048	.0043	.0061	
%RSD	.16993	.19671	.78704	.34830	.16801	.26615	.06913	

#1	1.2058	.03510	.86875	.15158	.28622	1.6267	8.7962	
#2	1.2020	.03519	.85603	.15244	.28528	1.6187	8.7847	
#3	1.2052	.03505	.86656	.15255	.28562	1.6255	8.7939	

Sample Name: S2 Acquired: 9/14/2018 13:12:55 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) 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	2166.4	2410.2	50020.	4989.1	3555.5
Stddev	13.3	.6	31.	24.2	2.0
%RSD	.61228	.02597	.06174	.48427	.05625
#1	2169.8	2409.5	50010.	4966.0	3556.2
#2	2151.7	2410.4	50055.	5014.2	3553.2
#3	2177.6	2410.6	49996.	4987.1	3557.0

Sample Name: S3 Acquired: 9/14/2018 13:16:47 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) 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	.12980	.19314	2.1093	.21247	.51067	6.2185	18.918	2.3612
Stddev	.00037	.00096	.0070	.00035	.00065	.0212	.030	.0073
%RSD	.28557	.49956	.33421	.16535	.12663	.34141	.16076	.30828

#1	.13015	.19237	2.1040	.21287	.51084	6.2357	18.936	2.3570
#2	.12941	.19283	2.1065	.21222	.50995	6.1948	18.883	2.3696
#3	.12982	.19423	2.1173	.21232	.51121	6.2249	18.935	2.3570

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	3.6508	4.3964	1.2495	.86468	.96947	.81037	1.1659	.57495
Stddev	.0090	.0022	.0031	.00234	.00337	.00485	.0064	.00270
%RSD	.24736	.04967	.24903	.27009	.34713	.59889	.55042	.47008

#1	3.6408	4.3943	1.2528	.86371	.97247	.81476	1.1596	.57527
#2	3.6532	4.3987	1.2466	.86299	.96583	.80516	1.1657	.57210
#3	3.6584	4.3962	1.2490	.86734	.97012	.81118	1.1724	.57747

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	.82268	.13181	.58397	.07082	.18281	2.3595	.09963	1.2815
Stddev	.00243	.00041	.00141	.00032	.00064	.0080	.00041	.0039
%RSD	.29550	.30797	.24209	.45098	.34847	.34059	.41113	.30142

#1	.82168	.13228	.58558	.07104	.18344	2.3667	.09925	1.2779
#2	.82090	.13156	.58343	.07097	.18217	2.3508	.09959	1.2856
#3	.82545	.13160	.58291	.07046	.18283	2.3610	.10006	1.2811

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	2.4419	.07332	1.7099	.31090	.57501	3.3351	17.781	
Stddev	.0031	.00026	.0075	.00066	.00237	.0097	.038	
%RSD	.12792	.35152	.43699	.21223	.41252	.29043	.21369	

#1	2.4413	.07307	1.7067	.31022	.57693	3.3445	17.801	
#2	2.4452	.07358	1.7184	.31096	.57236	3.3251	17.738	
#3	2.4391	.07331	1.7045	.31153	.57574	3.3358	17.805	

Sample Name: S3 Acquired: 9/14/2018 13:16:47 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) 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	2110.5	2317.7	49392.	4901.7	3377.0
Stddev	2.1	3.7	20.	14.5	7.1
%RSD	.09754	.15775	.04101	.29583	.20878
#1	2110.6	2313.6	49379.	4902.4	3382.0
#2	2108.3	2320.6	49382.	4886.9	3380.1
#3	2112.4	2319.0	49415.	4915.8	3369.0

Sample Name: S4 Acquired: 9/14/2018 13:20:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) 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	.26323	.37982	4.2588	.41661	1.0172	12.344	37.248	4.5410
Stddev	.00042	.00058	.0036	.00100	.0024	.033	.080	.0176
%RSD	.15966	.15346	.08492	.23896	.23984	.26457	.21351	.38872

#1	.26300	.37977	4.2547	.41559	1.0149	12.317	37.159	4.5575
#2	.26372	.38042	4.2602	.41666	1.0197	12.380	37.313	4.5431
#3	.26298	.37926	4.2615	.41758	1.0170	12.334	37.273	4.5224

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.2122	8.4852	2.4104	1.7186	1.8918	1.5524	2.2688	1.1263
Stddev	.0068	.0048	.0085	.0022	.0049	.0034	.0033	.0030
%RSD	.09420	.05637	.35191	.12609	.25891	.21822	.14602	.26872

#1	7.2068	8.4907	2.4202	1.7166	1.8862	1.5543	2.2726	1.1290
#2	7.2100	8.4821	2.4060	1.7182	1.8941	1.5545	2.2663	1.1268
#3	7.2198	8.4827	2.4050	1.7209	1.8952	1.5485	2.2676	1.1230

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	1.6249	.26493	1.1488	.13849	.36675	4.6899	.20426	2.5109
Stddev	.0024	.00060	.0039	.00088	.00199	.0186	.00068	.0057
%RSD	.14741	.22552	.34182	.63203	.54223	.39722	.33291	.22904

#1	1.6225	.26427	1.1469	.13776	.36632	4.6685	.20372	2.5175
#2	1.6250	.26544	1.1533	.13824	.36501	4.7025	.20502	2.5073
#3	1.6273	.26508	1.1461	.13946	.36892	4.6988	.20404	2.5078

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	4.8718	.15024	3.2514	.62273	1.1215	6.6878	34.875	
Stddev	.0068	.00012	.0159	.00083	.0030	.0182	.015	
%RSD	.13984	.07738	.48918	.13264	.27066	.27248	.04202	

#1	4.8698	.15033	3.2697	.62178	1.1211	6.6682	34.860	
#2	4.8662	.15027	3.2410	.62324	1.1247	6.7042	34.889	
#3	4.8794	.15011	3.2436	.62318	1.1187	6.6911	34.875	

Sample Name: S4 Acquired: 9/14/2018 13:20:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) 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	2018.2	2195.7	48657.	4895.6	3172.2
Stddev	8.1	2.4	208.	9.4	1.9
%RSD	.40077	.11033	.42755	.19205	.06033
#1	2021.9	2198.0	48545.	4885.1	3172.3
#2	2023.8	2193.2	48897.	4898.7	3170.3
#3	2008.9	2195.9	48528.	4903.1	3174.1

Sample Name: S5 Acquired: 9/14/2018 13:24:27 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) 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	.55749	.74369	8.6207	.83044	2.1328	25.134	72.880	8.8615
Stddev	.00146	.00278	.0105	.00212	.0018	.167	.672	.0314
%RSD	.26122	.37331	.12163	.25538	.08580	.66271	.92147	.35492

#1	.55917	.74607	8.6096	.83186	2.1340	25.325	73.302	8.8781
#2	.55669	.74064	8.6219	.83145	2.1338	25.055	72.106	8.8812
#3	.55660	.74436	8.6305	.82800	2.1307	25.021	73.232	8.8253

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	14.330	16.834	4.6801	3.4627	3.7933	3.0364	4.4221	2.2794
Stddev	.006	.016	.0149	.0018	.0167	.0331	.0146	.0249
%RSD	.03855	.09445	.31928	.05305	.43974	1.0909	.33031	1.0927

#1	14.334	16.848	4.6899	3.4630	3.8122	3.0747	4.4057	2.3068
#2	14.333	16.838	4.6629	3.4608	3.7808	3.0163	4.4268	2.2580
#3	14.324	16.817	4.6876	3.4645	3.7870	3.0184	4.4338	2.2734

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	3.2506	.53926	2.3104	.27472	.75852	9.6601	.42442	4.9905
Stddev	.0033	.00048	.0168	.00235	.00551	.0329	.00185	.0229
%RSD	.10159	.08872	.72881	.85441	.72596	.34030	.43685	.45825

#1	3.2476	.53885	2.3298	.27731	.76270	9.6944	.42616	5.0042
#2	3.2501	.53979	2.3016	.27272	.75228	9.6570	.42247	5.0032
#3	3.2542	.53915	2.2998	.27415	.76058	9.6289	.42463	4.9641

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	10.051	.31018	6.4341	1.2559	2.2259	13.747	69.066	
Stddev	.013	.00096	.0337	.0010	.0134	.066	.762	
%RSD	.13340	.30964	.52408	.08225	.60058	.47963	1.1032	

#1	10.064	.31074	6.4523	1.2559	2.2412	13.810	68.710	
#2	10.052	.31073	6.4548	1.2548	2.2202	13.753	69.941	
#3	10.037	.30907	6.3952	1.2569	2.2164	13.679	68.547	

Sample Name: S5 Acquired: 9/14/2018 13:24:27 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) 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	1898.7	2002.3	47800.	4865.3	2925.1
Stddev	2.7	1.5	184.	21.5	4.5
%RSD	.14365	.07411	.38452	.44238	.15408
#1	1895.6	2001.3	47607.	4849.3	2925.8
#2	1899.6	2004.0	47973.	4856.8	2929.2
#3	1900.8	2001.5	47818.	4889.8	2920.3

Sample Name: S6 Acquired: 9/14/2018 13:28:33 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	66.737	27.473	8.0833	3.8220	6.3775
Stddev	.087	.008	.0313	.0121	.0118
%RSD	.12963	.02832	.38765	.31749	.18526

#1	66.752	27.480	8.1114	3.8336	6.3741
#2	66.815	27.465	8.0891	3.8230	6.3907
#3	66.644	27.472	8.0495	3.8094	6.3678

Int. Std.	Y_3710
Units	Cts/S
Avg	4717.4
Stddev	7.7
%RSD	.16400

#1	4725.9
#2	4710.8
#3	4715.6

Sample Name: ICV Acquired: 9/14/2018 13:32:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) 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	.9254917	1.040614	.9389004	.9960453	.9283202	2.297896
Stddev	.0061456	.002050	.0019858	.0069014	.0027653	.011813
%RSD	.6640391	.1969938	.2115005	.6928850	.2978832	.5140856

#1	.9188544	1.038753	.9411624	.9940654	.9290711	2.298062
#2	.9266360	1.040277	.9380948	.9903501	.9252570	2.309625
#3	.9309848	1.042811	.9374440	1.003720	.9306325	2.286000

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5080774	.4927151	.4942015	10.17199	.5291651	.4910776
Stddev	.0011740	.0031656	.0012998	.02947	.0007308	.0004967
%RSD	.2310660	.6424902	.2630114	.2897616	.1381079	.1011423

#1	.5084758	.4931359	.4936296	10.15583	.5289889	.4907803
#2	.5090004	.4956493	.4932858	10.15413	.5299679	.4908016
#3	.5067561	.4893601	.4956892	10.20601	.5285385	.4916510

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5174808	5.352797	.5095686	5.670209	.5036089	.4576034
Stddev	.0043554	.005194	.0023321	.068591	.0007472	.0010666
%RSD	.8416501	.0970326	.4576674	1.209680	.1483604	.2330869

#1	.5127305	5.356973	.5069121	5.639462	.5038137	.4563906
#2	.5212860	5.346981	.5112794	5.622372	.5027807	.4583957
#3	.5184259	5.354436	.5105142	5.748795	.5042322	.4580239

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.787393	.5096027	.9657794	9.280844	F .0119333	F 2.460097
Stddev	.281903	.0066595	.0305735	.054349	.0008287	.022742
%RSD	2.880265	1.306803	3.165677	.5856038	6.944140	.9244395

#1	10.10398	.5033922	.9456170	9.232110	.0128760	2.462828
#2	9.56352	.5087808	1.000957	9.339454	.0113201	2.481350
#3	9.69468	.5166349	.950764	9.270968	.0116037	2.436113

Sample Name: ICV Acquired: 9/14/2018 13:32:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) 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 2.401054	.0008982	2.402427	F 2.412252	2.579849	.0120362
Stddev	.004360	.0016832	.022691	.004020	.003971	.0012739
%RSD	.1815890	187.3957	.9445177	.1666596	.1539427	10.58431

#1	2.400251	-.000230	2.402421	2.414207	2.579610	.0130525
#2	2.397151	.002833	2.425122	2.407629	2.576003	.0124490
#3	2.405759	.000092	2.379739	2.414922	2.583935	.0106070

Elem	Sr4077
Units	ppm
Avg	.0118200
Stddev	.0000230
%RSD	.1944187

#1	.0117960
#2	.0118418
#3	.0118221

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2250.825	2527.216	51133.43	5079.472	3800.278
Stddev	8.637	7.314	116.13	24.892	6.323
%RSD	.3837108	.2894094	.2271142	.4900567	.1663782

#1	2242.673	2534.039	51098.58	5068.887	3805.236
#2	2259.876	2519.494	51262.99	5061.621	3793.158
#3	2249.925	2528.115	51038.71	5107.907	3802.441

Sample Name: ICB Acquired: 9/14/2018 13:36:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017499	.0017928	.0015760	.0018649	.0016353	-.005589	.0005775
Stddev	.0020919	.0017480	.0009328	.0029964	.0013225	.015007	.0005722
%RSD	119.5473	97.50151	59.18666	160.6691	80.87196	268.5011	99.09291

#1	.0036657	-.000066	.0016985	.0049338	.0002590	.004770	.0004280
#2	-.000482	.003404	.0005880	-.001053	.0028965	-.022800	.0012096
#3	.002066	.002040	.0024415	.001714	.0017505	.001262	.0000948

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000053	-.000011	-.030615	-.000147	-.000130	.0013740	.0131368
Stddev	.000052	.000058	.016389	.000617	.000203	.0015377	.0239909
%RSD	97.91604	529.5449	53.53321	419.2737	155.4640	111.9110	182.6230

#1	-.000100	-.000011	-.048427	.000174	.000103	-.000356	-.013830
#2	-.000062	.000047	-.016174	.000243	-.000227	.002586	.032111
#3	.000003	-.000069	-.027243	-.000859	-.000266	.001892	.021129

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006191	-.013869	-.000096	-.000252	.1352744	-.003178	-.005443
Stddev	.0002940	.057538	.000178	.000398	.2850769	.000555	.005933
%RSD	47.48210	414.8593	184.9861	157.5228	210.7397	17.46974	108.9974

#1	.0003242	.045643	-.000072	.000055	.4622755	-.003413	-.004641
#2	.0006211	-.069206	.000068	-.000110	.0045083	-.002544	.000047
#3	.0009122	-.018045	-.000285	-.000702	-.060961	-.003578	-.011737

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009974	-.001119	.0122228	-.000128	-.006283	.0014897	.0033830
Stddev	.0682334	.001586	.0009950	.000276	.002135	.0008568	.0008539
%RSD	6841.174	141.7551	8.140255	215.7970	33.98103	57.51394	25.24034

#1	-.020292	-.001320	.0130558	.000001	-.004415	.0011291	.0033621
#2	.077337	-.002594	.0124914	-.000445	-.005823	.0008722	.0042471
#3	-.054053	.000558	.0111211	.000060	-.008610	.0024679	.0025397

Sample Name: ICB Acquired: 9/14/2018 13:36:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002280	.0034219	-.000030
Stddev	.002125	.0009747	.000038
%RSD	93.20554	28.48478	127.8254

#1	-.002241	.0034935	-.000073
#2	-.000175	.0043589	-.000003
#3	-.004424	.0024134	-.000013

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2247.330	2536.338	50540.34	5022.053	3808.317
Stddev	11.153	3.341	111.81	22.789	7.853
%RSD	.4962639	.1317248	.2212366	.4537853	.2061951

#1	2256.054	2536.881	50651.71	5005.730	3807.864
#2	2234.765	2539.374	50541.22	5012.340	3816.386
#3	2251.172	2532.759	50428.09	5048.090	3800.701

Sample Name: ICSA Acquired: 9/14/2018 13:40:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) 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	.0001474	.0061059	-.001314	-.011284	.0068260	239.3410
Stddev	.0045221	.0006434	.002399	.004887	.0004977	.5746
%RSD	3067.907	10.53687	182.4863	43.30486	7.290747	.2400960

#1	.0015317	.0067071	.000220	-.014541	.0074007	238.6794
#2	-.004905	.0061833	-.000084	-.005665	.0065411	239.7155
#3	.003816	.0054274	-.004078	-.013647	.0065363	239.6281

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059602	.0008417	-.000157	251.0987	.0589769	.0001852
Stddev	.0003793	.0001051	.000082	.5694	.0003223	.0005469
%RSD	6.364552	12.48063	52.01539	.2267578	.5464550	295.3920

#1	.0055561	.0008541	-.000072	251.2202	.0593465	.0003696
#2	.0063086	.0009400	-.000235	250.4783	.0588291	-.000430
#3	.0060160	.0007310	-.000165	251.5975	.0587549	.000616

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028778	103.1037	.0119752	251.4395	.0155237	-.001109
Stddev	.0012357	.7712	.0009246	1.4237	.0003086	.000289
%RSD	42.93970	.7479388	7.720927	.5662046	1.988210	26.10672

#1	.0037430	102.7452	.0122960	250.2185	.0151725	-.001150
#2	.0014626	103.9888	.0126967	253.0033	.0157520	-.001376
#3	.0034279	102.5770	.0109329	251.0967	.0156464	-.000801

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3773605	-.002310	.0003612	-.164841	.0025989	F .0580972
Stddev	.1861173	.002617	.0075908	.048027	.0013813	.0015163
%RSD	49.32082	113.3052	2101.505	29.13506	53.14927	2.609989

#1	.5808132	.000103	.0003107	-.216580	.0011533	.0563552
#2	.3355919	-.001940	-.007204	-.156260	.0027382	.0591211
#3	.2156765	-.005092	.007977	-.121684	.0039053	.0588153

Sample Name: ICSA Acquired: 9/14/2018 13:40:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) 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	.0040152	.0059887	.0001151	-.000950	-.007532	.0074098
Stddev	.0006057	.0027330	.0009654	.000203	.002383	.0013454
%RSD	15.08567	45.63678	838.7846	21.39074	31.63333	18.15713

#1	.0045969	.0075249	-.000351	-.001054	-.006593	.0070223
#2	.0033880	.0076080	.001225	-.001081	-.005761	.0063006
#3	.0040606	.0028332	-.000529	-.000716	-.010241	.0089064

Elem	Sr4077
Units	ppm
Avg	.1029425
Stddev	.0003390
%RSD	.3292691

#1	.1025654
#2	.1030401
#3	.1032219

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2120.550	2361.749	48990.23	4959.761	3350.349
Stddev	2.959	2.919	78.93	19.224	2.979
%RSD	.1395567	.1235869	.1611183	.3875977	.0889015

#1	2118.559	2360.551	48906.66	4941.667	3346.967
#2	2119.140	2365.076	49063.51	4957.673	3352.583
#3	2123.951	2359.619	49000.53	4979.944	3351.496

Sample Name: ICSAB Acquired: 9/14/2018 13:44:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) 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	.0848953	.1065991	.0464771	.0328334	.5704229	238.4601
Stddev	.0004103	.0033287	.0017928	.0014462	.0065589	.6362
%RSD	.4833111	3.122624	3.857325	4.404529	1.149834	.2667823

#1	.0853501	.1030656	.0485448	.0344613	.5642355	238.0470
#2	.0847832	.1070556	.0453566	.0316971	.5697340	239.1927
#3	.0845528	.1096759	.0455298	.0323419	.5772990	238.1405

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5002187	.4870971	.9776424	249.7416	.5571345	.4867166
Stddev	.0030113	.0037183	.0082002	.8388	.0011748	.0037897
%RSD	.6020006	.7633626	.8387768	.3358629	.2108585	.7786321

#1	.5016191	.4834755	.9701770	249.6466	.5571495	.4829921
#2	.5022747	.4909051	.9763308	250.6237	.5559523	.4865895
#3	.4967622	.4869108	.9864194	248.9543	.5583017	.4905683

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4849978	102.9138	.4958916	251.1945	.9849845	.1685758
Stddev	.0017503	.7539	.0032598	1.5685	.0085927	.0001587
%RSD	.3608851	.7325160	.6573691	.6244043	.8723657	.0941256

#1	.4829945	102.3429	.4963601	249.8835	.9766276	.1687560
#2	.4862313	103.7683	.4988918	252.9322	.9845311	.1684569
#3	.4857675	102.6300	.4924228	250.7679	.9937949	.1685145

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0769075	.4874619	.9454541	-.212666	.0120143	F .0552092
Stddev	.1259973	.0036594	.0131735	.039457	.0012038	.0005886
%RSD	163.8296	.7507023	1.393355	18.55349	10.01966	1.066204

#1	-.047340	.4897329	.9560858	-.179168	.0120127	.0547948
#2	.204584	.4832404	.9307166	-.256160	.0132188	.0558830
#3	.073479	.4894124	.9495598	-.202671	.0108113	.0549498

Sample Name: ICSAB Acquired: 9/14/2018 13:44:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) 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	.0025352	.0050433	-.000679	-.001813	-.005915	.0077098
Stddev	.0001229	.0065808	.001258	.001028	.001946	.0010816
%RSD	4.846238	130.4854	185.1226	56.70719	32.90426	14.02828

#1	.0025849	.0061273	-.001547	-.001643	-.005979	.0070513
#2	.0023953	.0110149	.000763	-.000881	-.003938	.0089581
#3	.0026255	-.002012	-.001254	-.002916	-.007829	.0071201

Elem	Sr4077
Units	ppm
Avg	.1018912
Stddev	.0003918
%RSD	.3845031

#1	.1019247
#2	.1022652
#3	.1014838

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2144.342	2362.486	49220.04	4968.023	3350.815
Stddev	4.963	1.900	82.14	24.961	5.629
%RSD	.2314528	.0804057	.1668812	.5024268	.1679900

#1	2143.249	2360.385	49265.36	4989.044	3344.365
#2	2149.760	2362.991	49269.54	4940.436	3354.735
#3	2140.016	2364.082	49125.22	4974.590	3353.346

Sample Name: CCV019 Acquired: 9/14/2018 13:48:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.710817	4.781538	24.38479	4.650664	4.745049	403.8692	9.953103
Stddev	.008911	.017647	.03893	.019510	.008808	.8001	.002103
%RSD	.1891648	.3690715	.1596311	.4195134	.1856302	.1981082	.0211247

#1	4.705844	4.762402	24.34848	4.658175	4.736183	403.1789	9.953235
#2	4.705503	4.797171	24.38001	4.628515	4.745167	404.7461	9.950937
#3	4.721105	4.785040	24.42589	4.665303	4.753798	403.6827	9.955136

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4945428	2.467370	399.2404	15.08496	2.466170	14.74853	410.9733
Stddev	.0015179	.004229	.1711	.02489	.002786	.03397	1.9929
%RSD	.3069310	.1714140	.0428577	.1650238	.1129745	.2303577	.4849155

#1	.4940366	2.464818	399.0947	15.07212	2.463837	14.78424	409.8384
#2	.4962491	2.465039	399.4288	15.06910	2.465419	14.74473	413.2744
#3	.4933426	2.472252	399.1977	15.11365	2.469255	14.71661	409.8072

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.70218	402.6355	2.466762	1.251680	404.9716	2.449388	14.66730
Stddev	.01550	1.7819	.001663	.000137	1.2453	.009809	.07166
%RSD	.1054071	.4425656	.0674355	.0109598	.3075082	.4004496	.4885711

#1	14.70344	401.1149	2.465299	1.251702	403.7218	2.460158	14.61695
#2	14.71701	404.5963	2.468571	1.251804	406.2124	2.440969	14.63561
#3	14.68609	402.1955	2.466416	1.251533	404.9806	2.447036	14.74934

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.6943	4.912028	5.060680	4.783118	4.971694	4.886401	4.904149
Stddev	.2463	.026628	.015959	.009106	.019098	.008666	.012738
%RSD	.1634738	.5420906	.3153526	.1903788	.3841394	.1773491	.2597479

#1	150.4619	4.881578	5.047372	4.782254	4.961998	4.883242	4.892795
#2	150.6683	4.930943	5.078373	4.774475	4.959389	4.896203	4.901727
#3	150.9526	4.923563	5.056294	4.792625	4.993695	4.879757	4.917924

Sample Name: CCV019 Acquired: 9/14/2018 13:48:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV019 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.928278	5.030747	4.940626
Stddev	.012259	.010908	.003210
%RSD	.2487529	.2168191	.0649740

#1	4.915723	5.022226	4.937771
#2	4.940219	5.043040	4.944101
#3	4.928890	5.026975	4.940006

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1976.832	2136.147	47795.03	4842.558	3001.641
Stddev	14.697	2.252	268.76	1.783	2.656
%RSD	.7434699	.1054364	.5623273	.0368160	.0884777

#1	1975.609	2135.844	47875.52	4843.235	3004.523
#2	1992.102	2138.535	48014.35	4840.536	3001.107
#3	1962.784	2134.061	47495.22	4843.903	2999.293

Sample Name: CCB019 Acquired: 9/14/2018 13:52:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006885	.0030794	.0021371	.0006850	.0015185	-.000632	.0006431
Stddev	.0017127	.0018331	.0004244	.0019001	.0009309	.009556	.0001719
%RSD	248.7626	59.52766	19.86057	277.3645	61.30358	1511.714	26.72597

#1	.0005007	.0012790	.0025740	.0013249	.0005068	-.010943	.0004836
#2	.0024874	.0030157	.0021111	.0021826	.0017097	.001122	.0006205
#3	-.000923	.0049435	.0017263	-.001452	.0023389	.007925	.0008251

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000035	.0000198	-.039453	.0000158	-.000050	.0022832	.0144335
Stddev	.0000311	.0000145	.013417	.0001106	.000210	.0025876	.0195914
%RSD	902.9945	73.27701	34.00814	701.5807	422.5930	113.3331	135.7361

#1	-.000001	.0000086	-.030447	.0000863	.000038	-.000369	-.007966
#2	.000037	.0000362	-.054873	-.000112	-.000289	.004800	.022892
#3	-.000025	.0000146	-.033038	.000073	.000103	.002418	.028374

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014814	.0319948	.0001329	-.000176	-.147880	-.000374	.0017649
Stddev	.0018985	.0466511	.0001644	.000164	.251770	.001695	.0062184
%RSD	128.1530	145.8087	123.6590	92.94347	170.2525	453.4709	352.3288

#1	.0027285	-.019708	.0001434	-.000005	-.140622	.001163	-.003289
#2	-.000703	.070941	.0002918	-.000331	-.403200	-.002191	-.000125
#3	.002419	.044751	-.000036	-.000194	.100182	-.000093	.008709

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.037332	-.001375	.0111531	.0000459	-.005712	.0007857	.0010992
Stddev	.027597	.000659	.0002876	.0002041	.002125	.0004819	.0006338
%RSD	73.92161	47.91307	2.579029	444.5861	37.20034	61.32587	57.66151

#1	-.019892	-.001866	.0112952	.0000390	-.007610	.0011690	.0015257
#2	-.022955	-.001632	.0108221	.0002534	-.006109	.0002448	.0014009
#3	-.069149	-.000626	.0113420	-.000155	-.003417	.0009434	.0003709

Sample Name: CCB019 Acquired: 9/14/2018 13:52:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB019 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000194	.0047614	.0000636
Stddev	.000231	.0006968	.0000961
%RSD	119.1910	14.63511	151.0904

#1	.000057	.0043055	.0001617
#2	-.000239	.0044151	.0000595
#3	-.000400	.0055635	-.000030

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2264.433	2544.148	51095.27	5031.943	3834.087
Stddev	15.508	5.644	150.12	40.497	7.063
%RSD	.6848327	.2218603	.2938068	.8048043	.1842072

#1	2252.666	2539.186	50956.20	5076.260	3835.409
#2	2282.006	2550.289	51254.42	5022.710	3840.395
#3	2258.628	2542.968	51075.20	4996.860	3826.457

Sample Name: CCV020 Acquired: 9/14/2018 15:29:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV020 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.857559	4.891249	25.24407	4.838888	4.930040	408.3285	10.39917
Stddev	.007736	.003814	.02828	.002508	.006684	.7036	.01239
%RSD	.1592608	.0779739	.1120169	.0518393	.1355856	.1723228	.1191885

#1	4.858736	4.895128	25.26804	4.836030	4.922321	408.4241	10.39216
#2	4.864639	4.891115	25.21288	4.839906	4.933906	407.5819	10.41348
#3	4.849302	4.887504	25.25128	4.840727	4.933892	408.9794	10.39188

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5031678	2.554797	408.3976	15.61205	2.558368	15.25063	412.6021
Stddev	.0046042	.002335	.6581	.05800	.002882	.03154	2.9265
%RSD	.9150438	.0913807	.1611505	.3714959	.1126679	.2068051	.7092760

#1	.5076401	2.557289	408.1474	15.66855	2.559435	15.25923	413.0333
#2	.4984421	2.552660	409.1442	15.55266	2.555104	15.21568	409.4840
#3	.5034211	2.554442	407.9013	15.61493	2.560565	15.27697	415.2891

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.17625	407.7291	2.554942	1.305354	410.4380	2.529485	15.36352
Stddev	.06294	3.1176	.005768	.009608	1.5204	.011484	.11195
%RSD	.4146975	.7646346	.2257722	.7360670	.3704260	.4539964	.7287031

#1	15.10474	407.8226	2.559913	1.294774	411.2372	2.537247	15.23941
#2	15.22320	404.5658	2.548617	1.313536	408.6847	2.516293	15.39427
#3	15.20081	410.7990	2.556294	1.307752	411.3921	2.534915	15.45689

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	156.0072	5.183083	5.172867	4.981671	5.173921	4.949312	5.063563
Stddev	.3444	.004568	.041804	.004861	.004187	.060283	.008947
%RSD	.2207667	.0881361	.8081304	.0975843	.0809344	1.217998	.1766859

#1	155.9706	5.186225	5.202247	4.976421	5.169793	5.008084	5.067138
#2	155.6825	5.177842	5.125009	4.982576	5.178166	4.887625	5.053381
#3	156.3684	5.185180	5.191346	4.986016	5.173804	4.952228	5.070169

Sample Name: CCV020 Acquired: 9/14/2018 15:29:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV020 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.098667	5.255160	5.142049
Stddev	.015558	.002543	.011225
%RSD	.3051297	.0483858	.2182947

#1	5.113322	5.257669	5.129415
#2	5.082342	5.252584	5.145862
#3	5.100337	5.255227	5.150871

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1969.050	2128.583	47952.61	4917.556	2992.809
Stddev	18.466	1.715	68.58	12.387	5.541
%RSD	.9378041	.0805706	.1430176	.2518949	.1851322

#1	1989.475	2128.411	48017.56	4924.083	2986.704
#2	1953.536	2126.960	47959.37	4925.314	2997.518
#3	1964.139	2130.377	47880.90	4903.270	2994.204

Sample Name: CCB020 Acquired: 9/14/2018 15:33:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB020 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000525	.0024841	.0009137	.0019039	.0028956	-.000023	.0008686
Stddev	.002448	.0000482	.0006911	.0014731	.0003888	.001653	.0000105
%RSD	465.9585	1.941823	75.63459	77.37093	13.42658	7346.177	1.205112

#1	-.002063	.0025169	.0017088	.0029011	.0033282	-.000394	.0008761
#2	-.001811	.0024287	.0004566	.0002119	.0025752	.001784	.0008567
#3	.002298	.0025068	.0005759	.0025987	.0027835	-.001458	.0008731

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000263	-.000010	-.031964	.0002151	-.000184	.0042164	.0120250
Stddev	.0000295	.000050	.012778	.0002611	.000171	.0027614	.0288759
%RSD	111.9782	496.5340	39.97613	121.3828	93.03703	65.49206	240.1323

#1	.0000073	.000039	-.017617	.0004692	-.000203	.0029605	-.021165
#2	.0000603	-.000060	-.042121	.0002285	-.000345	.0073825	.031381
#3	.0000114	-.000009	-.036153	-.000052	-.000004	.0023061	.025859

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002361	.0299281	.0001076	-.000069	-.085005	-.006551	-.008243
Stddev	.0012834	.0721278	.0000715	.000256	.259470	.002291	.010478
%RSD	543.5329	241.0035	66.40475	371.7184	305.2414	34.97498	127.1137

#1	-.000621	.1115199	.0001707	.000037	-.149808	-.004246	-.013083
#2	.001712	.0036065	.0001221	.000117	.200725	-.006579	.003780
#3	-.000382	-.025342	.0000300	-.000361	-.305932	-.008828	-.015427

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.016526	-.000918	.0093520	-.000033	-.009483	.0013083	.0014652
Stddev	.051582	.000236	.0002088	.000146	.002234	.0006789	.0004427
%RSD	312.1216	25.74659	2.232670	443.7982	23.56157	51.89112	30.21264

#1	-.076074	-.001128	.0092786	-.000106	-.011885	.0012944	.0016971
#2	.014359	-.000965	.0095875	.000135	-.009097	.0006365	.0017437
#3	.012136	-.000662	.0091898	-.000128	-.007467	.0019940	.0009547

Sample Name: CCB020 Acquired: 9/14/2018 15:33:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB020 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003159	.0058654	-.000026
Stddev	.000983	.0014035	.000065
%RSD	31.12925	23.92825	245.2756

#1	-.002069	.0072609	.000010
#2	-.003978	.0058812	-.000102
#3	-.003431	.0044541	.000012

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2225.772	2531.224	50669.19	5112.970	3816.636
Stddev	3.908	3.656	111.19	31.259	7.565
%RSD	.1755743	.1444428	.2194381	.6113608	.1982018

#1	2230.253	2527.579	50542.99	5118.460	3808.229
#2	2223.070	2534.891	50752.72	5079.330	3822.892
#3	2223.993	2531.203	50711.87	5141.120	3818.789

Sample Name: J4752-13DLX2 Acquired: 9/14/2018 15:37:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GB0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0519927	.0038894	.5268456	-.005307	.0077218	35.06396	.8666755
Stddev	.0005716	.0028335	.0014490	.001790	.0008534	.13453	.0030969
%RSD	1.099451	72.85195	.2750287	33.72202	11.05137	.3836645	.3573255

#1	.0522031	.0035617	.5285091	-.007014	.0084981	35.07291	.8689028
#2	.0513457	.0012339	.5261692	-.003445	.0068081	35.19379	.8679845
#3	.0524293	.0068724	.5258584	-.005461	.0078593	34.92518	.8631391

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021963	.0172979	459.7730	.0463196	.0214201	.6434086	60.11376
Stddev	.0000595	.0001411	1.3340	.0004574	.0001752	.0089862	.37056
%RSD	2.708561	.8158366	.2901462	.9876000	.8180690	1.396652	.6164264

#1	.0021374	.0172079	461.3134	.0459968	.0216223	.6535814	60.18209
#2	.0021953	.0172252	459.0107	.0468431	.0213266	.6365509	60.44540
#3	.0022563	.0174605	458.9949	.0461189	.0213114	.6400936	59.71379

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.826561	60.73827	.0355307	.0036626	1.620620	.1202610	.6959614
Stddev	.009447	.66788	.0004824	.0002444	.251645	.0044383	.0215336
%RSD	.5172021	1.099601	1.357781	6.673999	15.52769	3.690533	3.094075

#1	1.837034	61.03212	.0353440	.0033808	1.490023	.1235977	.6948314
#2	1.818683	61.20885	.0360786	.0038180	1.461122	.1219613	.7180376
#3	1.823966	59.97385	.0351696	.0037890	1.910715	.1152240	.6750150

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.31154	5.007454	.1296190	.0029206	5.645296	7.255225	.0033912
Stddev	.09932	.004012	.0015686	.0000072	.015654	.043765	.0005468
%RSD	.8067572	.0801182	1.210134	.2461601	.2772908	.6032177	16.12390

#1	12.42023	5.003068	.1278360	.0029289	5.656174	7.305757	.0040225
#2	12.28890	5.010938	.1307866	.0029160	5.627355	7.230502	.0030830
#3	12.22549	5.008356	.1302343	.0029170	5.652359	7.229417	.0030681

Sample Name: J4752-13DLX2 Acquired: 9/14/2018 15:37:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GB0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.106521	.1170802	1.859237
Stddev	.009221	.0013232	.005961
%RSD	.8333765	1.130145	.3206297

#1	1.109057	.1167182	1.865837
#2	1.114209	.1159757	1.854245
#3	1.096297	.1185467	1.857627

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2216.702	2448.645	51882.91	5385.195	3398.406
Stddev	12.651	1.413	158.28	49.978	3.396
%RSD	.5707229	.0577177	.3050803	.9280584	.0999330

#1	2202.585	2448.571	51715.81	5328.167	3395.641
#2	2227.014	2450.093	51902.32	5421.363	3402.197
#3	2220.508	2447.270	52030.59	5406.057	3397.379

Sample Name: J4752-14DLX2 Acquired: 9/14/2018 15:41:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GB0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0513462	.0019088	.5245303	-.002173	.0072004	35.25672	.8638328
Stddev	.0040970	.0011421	.0035837	.001127	.0016450	.14957	.0011970
%RSD	7.979073	59.83414	.6832274	51.85872	22.84538	.4242342	.1385714

#1	.0473257	.0019539	.5203938	-.000907	.0075134	35.08758	.8630393
#2	.0555156	.0007448	.5264995	-.002548	.0054214	35.31099	.8652097
#3	.0511974	.0030278	.5266977	-.003065	.0086664	35.37157	.8632494

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022272	.0173199	459.4800	.0462293	.0212927	.6437619	60.47851
Stddev	.0000637	.0001341	.5426	.0007562	.0001379	.0104576	.37816
%RSD	2.861929	.7742100	.1180826	1.635794	.6476983	1.624449	.6252768

#1	.0021756	.0173955	458.8848	.0470603	.0212021	.6329631	60.04930
#2	.0022075	.0173990	459.6081	.0455814	.0214514	.6538411	60.76270
#3	.0022985	.0171651	459.9470	.0460463	.0212245	.6444816	60.62351

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.827644	61.39314	.0354331	.0036886	1.650032	.1302073	.7190721
Stddev	.004642	.32284	.0007153	.0002380	.178298	.0049519	.0156719
%RSD	.2540138	.5258532	2.018729	6.452943	10.80572	3.803055	2.179463

#1	1.832557	61.03789	.0351506	.0036559	1.855205	.1244895	.7331667
#2	1.827043	61.66861	.0349023	.0034686	1.532674	.1330442	.7218540
#3	1.823330	61.47291	.0362466	.0039412	1.562218	.1330883	.7021955

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.44786	4.996867	.1271191	.0031913	5.606142	7.414677	.0011868
Stddev	.04609	.015118	.0006022	.0000364	.012272	.038495	.0010400
%RSD	.3702735	.3025509	.4737619	1.140847	.2189010	.5191780	87.63469

#1	12.45482	4.988561	.1264310	.0032219	5.592185	7.370584	.0002114
#2	12.39868	4.987723	.1273760	.0032009	5.615241	7.431852	.0010676
#3	12.49007	5.014317	.1275503	.0031510	5.611000	7.441596	.0022812

Sample Name: J4752-14DLX2 Acquired: 9/14/2018 15:41:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GB0D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.113257	.1171001	1.859126
Stddev	.005593	.0007902	.001769
%RSD	.5024237	.6747926	.0951583

#1	1.108331	.1173058	1.861149
#2	1.119337	.1162275	1.858355
#3	1.112102	.1177672	1.857873

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2208.160	2438.211	51693.96	5302.180	3392.704
Stddev	17.800	5.322	355.51	42.865	2.946
%RSD	.8061069	.2182799	.6877256	.8084424	.0868330

#1	2227.391	2432.083	52044.25	5349.650	3389.464
#2	2204.827	2440.877	51704.20	5290.582	3393.428
#3	2192.262	2441.674	51333.44	5266.307	3395.222

Sample Name: J4752-15DLX2 Acquired: 9/14/2018 15:45:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GB0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0859497	.0501213	.5513794	.0417454	.0974652	37.57977	2.820701
Stddev	.0031753	.0022243	.0007880	.0028574	.0021958	.28733	.016254
%RSD	3.694390	4.437829	.1429112	6.844782	2.252898	.7645777	.5762413

#1	.0861900	.0482168	.5522874	.0444069	.0995069	37.87395	2.835625
#2	.0826611	.0495812	.5509752	.0387259	.0951424	37.56552	2.823096
#3	.0889981	.0525660	.5508755	.0421033	.0977463	37.29983	2.803382

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0483234	.0655170	466.0913	.2439668	.5110725	.8965270	62.34591
Stddev	.0004330	.0002844	1.6215	.0013953	.0006871	.0014550	.46952
%RSD	.8961509	.4341340	.3479008	.5719303	.1344405	.1622895	.7530924

#1	.0484151	.0656296	466.9177	.2451522	.5103547	.8979044	62.65999
#2	.0487033	.0651935	467.1330	.2443191	.5111386	.8950052	62.57159
#3	.0478519	.0657280	464.2230	.2424291	.5117241	.8966715	61.80616

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.321785	62.17814	.5272479	.0487123	1.786356	.6078248	1.175361
Stddev	.008860	.40631	.0009477	.0004136	.079414	.0049679	.019698
%RSD	.3815864	.6534688	.1797478	.8491494	4.445564	.8173299	1.675947

#1	2.321720	62.64730	.5282869	.0491162	1.752098	.6131999	1.195643
#2	2.330677	61.94083	.5270259	.0487312	1.877148	.6034019	1.174136
#3	2.312958	61.94629	.5264308	.0482895	1.729821	.6068724	1.156303

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.63867	5.041370	.1305024	.0030480	5.654291	7.303411	.0009534
Stddev	.05140	.018727	.0008892	.0003225	.040495	.061718	.0011125
%RSD	.4067026	.3714613	.6813459	10.58046	.7161783	.8450508	116.6905

#1	12.60692	5.028137	.1297767	.0032476	5.631118	7.332705	.0018618
#2	12.69797	5.033175	.1302363	.0032204	5.630704	7.345027	.0012857
#3	12.61112	5.062797	.1314943	.0026759	5.701049	7.232502	-.000287

Sample Name: J4752-15DLX2 Acquired: 9/14/2018 15:45:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GB0S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.124699	.1211436	1.879079
Stddev	.014976	.0014360	.008251
%RSD	1.331540	1.185351	.4390783

#1	1.141295	.1224018	1.884227
#2	1.120610	.1214497	1.883448
#3	1.112193	.1195792	1.869563

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2184.693	2423.357	51115.60	5233.547	3368.780
Stddev	2.957	4.626	43.46	41.239	4.923
%RSD	.1353404	.1909074	.0850235	.7879655	.1461382

#1	2187.438	2418.043	51165.78	5236.368	3363.162
#2	2185.078	2425.545	51090.07	5190.970	3372.341
#3	2181.562	2426.484	51090.94	5273.302	3370.838

Sample Name: J4752-13LDLX10 Acquired: 9/14/2018 15:49:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GB0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100431	.0018318	.0990856	-.001510	.0013939	6.601510	.1633996
Stddev	.0006727	.0004583	.0013107	.001088	.0009873	.020652	.0012793
%RSD	6.698308	25.02091	1.322772	72.03921	70.83002	.3128412	.7829362

#1	.0099333	.0021188	.1005436	-.002605	.0002602	6.619966	.1619279
#2	.0094320	.0020733	.0980052	-.001498	.0018569	6.605362	.1642459
#3	.0107640	.0013032	.0987079	-.000429	.0020647	6.579203	.1640250

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004237	.0031669	87.42362	.0094897	.0026204	.1242787	11.76229
Stddev	.0000180	.0000185	.33725	.0004843	.0001828	.0023957	.06046
%RSD	4.242821	.5849088	.3857609	5.103438	6.975953	1.927721	.5140249

#1	.0004434	.0031529	87.10831	.0100248	.0024505	.1269532	11.82666
#2	.0004081	.0031600	87.77919	.0093631	.0025968	.1235539	11.75353
#3	.0004198	.0031879	87.38336	.0090813	.0028138	.1223290	11.70670

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3544174	11.77115	.0065396	-.000082	.1727447	.0163936	.1224685
Stddev	.0010312	.03951	.0003954	.000788	.3883078	.0031461	.0105199
%RSD	.2909536	.3356618	6.046771	959.4429	224.7871	19.19139	8.589875

#1	.3550530	11.77057	.0064742	.000458	-.085330	.0179400	.1104864
#2	.3532276	11.81095	.0069637	.000282	.619321	.0127735	.1301886
#3	.3549716	11.73193	.0061810	-.000987	-.015757	.0184672	.1267306

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.194455	.8833770	.0258813	.0003306	.9830954	1.359230	-.002109
Stddev	.026498	.0045713	.0012280	.0000938	.0018341	.007071	.001217
%RSD	1.207519	.5174837	4.744803	28.36261	.1865665	.5202479	57.69843

#1	2.192941	.8789727	.0246464	.0002603	.9842042	1.361660	-.002195
#2	2.168746	.8830597	.0258950	.0004371	.9841037	1.364767	-.000852
#3	2.221678	.8880988	.0271024	.0002946	.9809783	1.351265	-.003281

Sample Name: J4752-13LDLX10 Acquired: 9/14/2018 15:49:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GB0L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2090313	.0222816	.3537360
Stddev	.0026814	.0012251	.0008731
%RSD	1.282774	5.498380	.2468376

#1	.2117752	.0230475	.3530628
#2	.2089017	.0208686	.3547226
#3	.2064171	.0229285	.3534225

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2212.872	2489.845	50809.54	5153.269	3692.678
Stddev	8.238	5.468	186.34	2.294	3.787
%RSD	.3722741	.2195977	.3667443	.0445090	.1025415

#1	2203.359	2483.681	50670.99	5154.323	3689.626
#2	2217.672	2494.111	51021.39	5150.638	3691.492
#3	2217.583	2491.742	50736.25	5154.847	3696.915

Sample Name: PB112631BL Acquired: 9/14/2018 15:53:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000437	.0008163	.0014429	-.001204	.0022230	-.004959	.0001720
Stddev	.002478	.0013081	.0008259	.003825	.0011831	.006817	.0004080
%RSD	567.7515	160.2333	57.23757	317.7969	53.22105	137.4711	237.1704

#1	.001809	.0011471	.0004960	-.000320	.0035404	.002898	.0002162
#2	-.000023	.0019273	.0018185	-.005393	.0018774	-.008471	-.000256
#3	-.003096	-.000625	.0020143	.002102	.0012512	-.009303	.000556

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000005	-.000019	-.019151	-.000057	-.000070	.0018592	.0158178
Stddev	.000084	.000059	.004038	.000246	.000111	.0015259	.0162736
%RSD	1579.789	308.9294	21.08583	428.7665	159.2294	82.07026	102.8813

#1	-.000017	-.000082	-.015701	.000227	.000025	.0019775	.0146384
#2	-.000083	.000036	-.018159	-.000199	-.000042	.0033225	.0326491
#3	.000084	-.000011	-.023593	-.000200	-.000192	.0002777	.0001660

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000105	.0311195	.0001293	-.000512	.1190535	-.000731	-.009464
Stddev	.001016	.0289898	.0006311	.000459	.0892325	.004018	.004856
%RSD	968.3251	93.15658	488.1094	89.63485	74.95162	549.7916	51.31137

#1	.000486	.0032763	-.000279	-.000501	.0873077	-.005370	-.006829
#2	-.001278	.0289483	-.000189	-.000976	.0500347	.001593	-.006494
#3	.000478	.0611338	.000856	-.000058	.2198180	.001585	-.015067

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.052127	-.000341	-.001856	-.000087	-.009340	.0007418	-.000878
Stddev	.015069	.001066	.000477	.000147	.003641	.0005828	.000516
%RSD	28.90863	312.2333	25.69987	168.9550	38.98730	78.57157	58.81067

#1	-.062113	-.000952	-.002402	.000074	-.008929	.0013916	-.000485
#2	-.034793	.000889	-.001646	-.000121	-.005921	.0002653	-.000686
#3	-.059474	-.000961	-.001520	-.000214	-.013169	.0005685	-.001463

Sample Name: PB112631BL Acquired: 9/14/2018 15:53:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004484	.0007630	.0000569
Stddev	.001176	.0001111	.0001017
%RSD	26.21736	14.56116	178.6925

#1	-.005781	.0006724	.0001358
#2	-.003490	.0007296	.0000929
#3	-.004180	.0008869	-.000058

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2212.767	2521.700	50311.72	5081.813	3784.739
Stddev	7.416	5.971	242.43	6.949	9.027
%RSD	.3351353	.2368029	.4818590	.1367477	.2385115

#1	2219.429	2518.276	50199.35	5087.130	3776.682
#2	2214.097	2528.595	50589.95	5073.950	3794.495
#3	2204.777	2518.229	50145.86	5084.360	3783.041

Sample Name: PB112631BS Acquired: 9/14/2018 15:57:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0198753	.0501307	.0202243	.0710607	.1216939	.3829586
Stddev	.0030084	.0004206	.0008551	.0009860	.0013468	.0114357
%RSD	15.13650	.8390396	4.228106	1.387603	1.106732	2.986155

#1	.0212057	.0499730	.0192577	.0718613	.1231945	.3740814
#2	.0164310	.0506074	.0208821	.0699593	.1205899	.3958632
#3	.0219892	.0498117	.0205332	.0713616	.1212974	.3789311

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4035211	.0104663	.0103291	10.11898	.0219905	.0959698
Stddev	.0013100	.0000562	.0000616	.04869	.0002290	.0000506
%RSD	.3246483	.5371627	.5965828	.4811490	1.041474	.0527646

#1	.4030085	.0104922	.0102624	10.08232	.0221290	.0959479
#2	.4050100	.0105050	.0103410	10.10039	.0221163	.0960278
#3	.4025449	.0104018	.0103839	10.17422	.0217261	.0959339

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0502581	.2261106	.0315326	9.644633	.0798545	.0196472
Stddev	.0024654	.0242362	.0012960	.101871	.0003039	.0001016
%RSD	4.905438	10.71874	4.110150	1.056248	.3805795	.5168430

#1	.0530989	.2041324	.0312546	9.542887	.0798692	.0197645
#2	.0489977	.2521035	.0303982	9.644383	.0801508	.0195875
#3	.0486777	.2220960	.0329451	9.746629	.0795435	.0195897

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.588129	.0961141	.1156801	9.187850	F .1711706	F .0166218
Stddev	.208611	.0066078	.0075387	.018118	.0019607	.0010667
%RSD	2.175718	6.874918	6.516856	.1971977	1.145468	6.417273

#1	9.348859	.1010587	.1122593	9.194355	.1690547	.0153979
#2	9.683664	.0886094	.1243228	9.167378	.1729262	.0173539
#3	9.731863	.0986744	.1104583	9.201818	.1715309	.0171135

Sample Name: PB112631BS Acquired: 9/14/2018 15:57:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193746	.1697575	.1884140	F .0112589	.0997621	.0915595
Stddev	.0000288	.0036320	.0004720	.0006328	.0004196	.0011693
%RSD	.1487107	2.139541	.2505133	5.620097	.4205622	1.277053

#1	.0193459	.1739462	.1884922	.0115675	.1002062	.0920122
#2	.0194035	.1678448	.1879077	.0116782	.0997078	.0902315
#3	.0193742	.1674815	.1888419	.0105311	.0993724	.0924347

Elem	Sr4077
Units	ppm
Avg	.2009221
Stddev	.0004032
%RSD	.2006503

#1	.2011087
#2	.2004595
#3	.2011983

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2235.780	2515.360	50966.22	5129.333	3813.924
Stddev	7.715	2.056	71.13	16.606	3.256
%RSD	.3450630	.0817337	.1395677	.3237366	.0853771

#1	2244.444	2513.338	51030.22	5148.446	3810.174
#2	2229.653	2515.295	50889.64	5121.110	3815.567
#3	2233.244	2517.448	50978.81	5118.444	3816.032

Sample Name: PB112631TB Acquired: 9/14/2018 16:05:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AE3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052994	.0003148	.0021423	-.000019	-.000914	.0156579
Stddev	.0013416	.0013803	.0012252	.000578	.001465	.0093437
%RSD	25.31665	438.4341	57.19274	3011.168	160.1711	59.67414

#1	.0062327	-.001241	.0033147	.000476	-.000601	.0239192
#2	.0037619	.000792	.0022419	-.000654	-.002511	.0055174
#3	.0059036	.001393	.0008703	.000120	.000368	.0175371

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015878	.0001231	-.000039	.0165921	.0010043	.0001909
Stddev	.0007240	.0000304	.000102	.0052272	.0002930	.0002488
%RSD	45.59510	24.72687	260.2741	31.50427	29.17132	130.3787

#1	.0023303	.0001479	-.000099	.0115254	.0006688	-.000066
#2	.0008839	.0000891	.000079	.0219663	.0012092	.000207
#3	.0015493	.0001324	-.000097	.0162848	.0011350	.000431

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007473	.0064175	-.001255	.0422605	.0091213	-.000251
Stddev	.0040821	.0212180	.001047	.0267349	.0001058	.000149
%RSD	546.2594	330.6261	83.42679	63.26215	1.160027	59.37541

#1	-.001201	.0137521	-.002407	.0270909	.0089991	-.000111
#2	.005438	-.017495	-.000993	.0731298	.0091791	-.000234
#3	-.001995	.022995	-.000364	.0265608	.0091855	-.000408

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1560.821	-.004037	.0060249	-.437845	.0053959	-.001262
Stddev	9.702	.004498	.0104890	.030756	.0017324	.000701
%RSD	.6215674	111.4208	174.0926	7.024510	32.10625	55.53268

#1	1553.458	-.002288	-.001452	-.420807	.0050602	-.000678
#2	1557.191	-.009147	.018015	-.473349	.0072717	-.002038
#3	1571.814	-.000676	.001511	-.419377	.0038560	-.001068

Sample Name: PB112631TB Acquired: 9/14/2018 16:05:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AE3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000475	.0196304	.0023433	.0029780	-.002577	-.002693
Stddev	.000160	.0024276	.0006084	.0007932	.000285	.000386
%RSD	33.78915	12.36628	25.96336	26.63396	11.04772	14.33695

#1	-.000358	.0170785	.0022878	.0023737	-.002902	-.002626
#2	-.000408	.0199021	.0017646	.0026842	-.002372	-.002345
#3	-.000657	.0219107	.0029776	.0038761	-.002457	-.003108

Elem	Sr4077
Units	ppm
Avg	.0003210
Stddev	.0000377
%RSD	11.74673

#1	.0003531
#2	.0002795
#3	.0003305

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2240.534	2408.423	50918.24	5193.482	3303.766
Stddev	13.722	9.217	424.06	37.416	11.543
%RSD	.6124247	.3827007	.8328303	.7204324	.3493798

#1	2252.197	2410.177	51312.46	5220.142	3308.626
#2	2225.415	2416.637	50469.59	5209.595	3312.085
#3	2243.991	2398.455	50972.67	5150.710	3290.589

Sample Name: J4766-05 Acquired: 9/14/2018 16:09:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AE3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019526	.0011031	.0036372	-.001905	-.001216	.0520667	.2010429
Stddev	.0020015	.0016387	.0011580	.002452	.000533	.0074041	.0007470
%RSD	102.5041	148.5566	31.83753	128.7364	43.80440	14.22050	.3715779

#1	.0027785	-.000431	.0025793	-.002271	-.001575	.0444395	.2019052
#2	-.000330	.000911	.0034579	.000710	-.000604	.0525350	.2005925
#3	.003409	.002829	.0048744	-.004153	-.001468	.0592256	.2006310

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000389	-.000089	79.37587	.0010036	.0011213	.0094630	.1105635
Stddev	.0000792	.000030	.04430	.0004763	.0001950	.0023990	.0294435
%RSD	203.4354	34.03696	.0558133	47.45364	17.38845	25.35179	26.63040

#1	.0001230	-.000107	79.42700	.0004537	.0013439	.0083496	.1346096
#2	.0000280	-.000105	79.35170	.0012761	.0009805	.0122165	.1193554
#3	-.000034	-.000054	79.34890	.0012811	.0010397	.0078230	.0777256

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1951394	40.89272	.0093119	-.000049	90.53413	-.000478	.0795974
Stddev	.0008987	.30394	.0000700	.000545	.47593	.004321	.0125750
%RSD	.4605293	.7432561	.7522783	1117.325	.5256912	903.6019	15.79831

#1	.1959064	40.97313	.0092808	.000505	89.99122	.003504	.0701062
#2	.1941506	40.55666	.0093922	-.000585	90.73178	.000134	.0938598
#3	.1953612	41.14837	.0092629	-.000066	90.87938	-.005072	.0748261

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.187846	.0077279	1.116555	.0011405	28.37472	5.333866	.0004324
Stddev	.049745	.0021218	.009954	.0002069	.05359	.060036	.0004464
%RSD	1.187841	27.45664	.8914974	18.14056	.1888725	1.125563	103.2285

#1	4.155367	.0055689	1.119437	.0010640	28.42206	5.378097	.0008330
#2	4.245115	.0098105	1.124750	.0009828	28.38556	5.357979	-.000049
#3	4.163057	.0078042	1.105478	.0013748	28.31653	5.265523	.000513

Sample Name: J4766-05 Acquired: 9/14/2018 16:09:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AE3D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004283	.0125368	.1834014
Stddev	.001904	.0011069	.0004005
%RSD	44.44912	8.829259	.2183644

#1	-.004787	.0134593	.1836131
#2	-.002178	.0128418	.1829395
#3	-.005885	.0113094	.1836516

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2236.685	2479.045	50966.16	5092.655	3688.372
Stddev	13.330	2.917	281.68	32.577	.524
%RSD	.5959734	.1176770	.5526861	.6396934	.0141995

#1	2251.196	2482.233	51091.28	5067.273	3688.023
#2	2233.873	2476.509	51163.62	5081.301	3688.974
#3	2224.985	2478.393	50643.60	5129.390	3688.118

Sample Name: J4766-04 Acquired: 9/14/2018 16:13:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AE3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031700	.0025833	.0033401	-.001183	-.000701	.0542428	.2007389
Stddev	.0017254	.0003689	.0009451	.000410	.001083	.0116247	.0006347
%RSD	54.42827	14.28162	28.29689	34.65285	154.5596	21.43078	.3161875

#1	.0044926	.0021576	.0034569	-.000780	-.000663	.0444729	.2013619
#2	.0012184	.0028111	.0023420	-.001600	-.001803	.0670992	.2000931
#3	.0037991	.0027811	.0042214	-.001170	.000363	.0511563	.2007617

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000148	-.000055	79.19525	.0011066	.0015255	.0133788	.1015006
Stddev	.0000439	.000040	.03053	.0002992	.0003293	.0048163	.0160567
%RSD	297.0036	73.86852	.0385506	27.03576	21.58630	36.00000	15.81936

#1	.0000570	-.000085	79.22642	.0013935	.0011531	.0144914	.0994388
#2	-.000031	-.000009	79.16540	.0007965	.0017782	.0081034	.1184886
#3	.000018	-.000070	79.19394	.0011299	.0016452	.0175414	.0865743

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1922700	40.36981	.0092706	-.000611	90.26716	-.004691	.0739186
Stddev	.0027779	.20700	.0006223	.000441	.30763	.006297	.0094623
%RSD	1.444770	.5127527	6.712461	72.25054	.3407997	134.2253	12.80096

#1	.1949219	40.27949	.0099595	-.001089	90.60683	-.003548	.0725967
#2	.1925069	40.22332	.0091029	-.000525	90.00730	-.011482	.0651867
#3	.1893814	40.60662	.0087492	-.000219	90.18736	.000956	.0839723

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.223852	.0071870	1.106213	.0011882	28.40755	5.284487	.0005839
Stddev	.050367	.0012379	.000713	.0003603	.08323	.018647	.0007767
%RSD	1.192437	17.22466	.0644336	30.32651	.2930016	.3528594	133.0266

#1	4.256132	.0062680	1.106895	.0015916	28.36483	5.304138	.0000546
#2	4.249609	.0066984	1.106270	.0008983	28.35436	5.267041	.0014756
#3	4.165816	.0085947	1.105473	.0010746	28.50347	5.282283	.0002215

Sample Name: J4766-04 Acquired: 9/14/2018 16:13:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AE3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.005111	.0110843	.1830905
Stddev	.002658	.0020640	.0006113
%RSD	52.00209	18.62088	.3338705

#1	-.003688	.0112668	.1833703
#2	-.003468	.0089351	.1823894
#3	-.008178	.0130510	.1835117

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2226.658	2479.650	51006.90	5115.283	3691.507
Stddev	11.692	5.304	229.10	15.246	.946
%RSD	.5250748	.2138847	.4491562	.2980566	.0256299

#1	2214.282	2473.538	50831.93	5101.646	3690.464
#2	2228.174	2482.363	50922.56	5112.458	3691.748
#3	2237.517	2483.048	51266.22	5131.744	3692.309

Sample Name: J4766-06 Acquired: 9/14/2018 16:17:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AE3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0421191	.0540247	.0229513	.0568541	.1020499	2.010242	2.345661
Stddev	.0027873	.0020541	.0002068	.0012697	.0003618	.005545	.007094
%RSD	6.617751	3.802099	.9010614	2.233181	.3545114	.2758477	.3024239

#1	.0404986	.0546959	.0227129	.0581240	.1016648	2.016251	2.351305
#2	.0405211	.0556593	.0230593	.0568535	.1023826	2.009150	2.337698
#3	.0453376	.0517190	.0230818	.0555847	.1021023	2.005323	2.347981

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0548023	.0529955	78.42596	.2285919	.5232267	.2770714	1.216412
Stddev	.0002920	.0000658	.24810	.0004569	.0010921	.0013817	.032397
%RSD	.5327575	.1242083	.3163465	.1998596	.2087282	.4986940	2.663318

#1	.0545055	.0530651	78.52739	.2287136	.5226681	.2769851	1.235342
#2	.0548123	.0529869	78.14321	.2289756	.5225269	.2757348	1.179004
#3	.0550892	.0529343	78.60726	.2280865	.5244851	.2784942	1.234889

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7333479	39.93884	.5383411	.0505958	88.99468	.5515022	.6001373
Stddev	.0002043	.07212	.0003378	.0001456	.17186	.0043507	.0231104
%RSD	.0278614	.1805826	.0627397	.2878025	.1931150	.7888793	3.850860

#1	.7335657	39.95062	.5384810	.0506369	89.17694	.5557112	.6091944
#2	.7331604	40.00435	.5379559	.0507164	88.97153	.5517727	.6173474
#3	.7333176	39.86155	.5385865	.0504340	88.83557	.5470225	.5738701

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.137134	.0137990	1.105147	.0012210	28.27311	5.241552	.0006621
Stddev	.044763	.0018543	.006404	.0001680	.05611	.029078	.0009216
%RSD	1.081979	13.43801	.5794824	13.76011	.1984571	.5547505	139.1909

#1	4.091062	.0158965	1.097761	.0013618	28.33386	5.208293	.0003755
#2	4.139877	.0131231	1.108526	.0012663	28.22324	5.262167	.0016929
#3	4.180462	.0123775	1.109154	.0010350	28.26223	5.254196	-.000082

Sample Name: J4766-06 Acquired: 9/14/2018 16:17:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AE3S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004690	.0118325	.1813161
Stddev	.001161	.0011033	.0002113
%RSD	24.75623	9.324108	.1165490

#1	-.004912	.0119991	.1814244
#2	-.005724	.0128429	.1810725
#3	-.003434	.0106553	.1814512

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2224.928	2468.653	50675.52	5109.719	3667.615
Stddev	15.493	4.209	320.86	38.961	7.141
%RSD	.6963183	.1704902	.6331670	.7624844	.1947164

#1	2237.328	2467.217	51010.85	5153.878	3666.036
#2	2207.561	2473.392	50371.41	5080.194	3675.414
#3	2229.894	2465.351	50644.31	5095.085	3661.396

Sample Name: J4766-04LX5 Acquired: 9/14/2018 16:21:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AE3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001911	-.000295	.0012027	-.000996	.0007753	.0131791	.0400112
Stddev	.001643	.003364	.0001191	.002912	.0004803	.0024212	.0009272
%RSD	85.94428	1141.616	9.899248	292.2893	61.94864	18.37187	2.317354

#1	-.001817	-.004117	.0012891	.001600	.0013269	.0156022	.0401289
#2	-.003599	.001015	.0010669	-.004146	.0005493	.0107597	.0408740
#3	-.000318	.002218	.0012522	-.000443	.0004496	.0131754	.0390308

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000019	-.000036	15.64462	-.000289	-.000306	.0031180	.0323475
Stddev	.000030	.000087	.04914	.000112	.000266	.0040870	.0246544
%RSD	152.7640	238.8208	.3140861	38.81779	86.85370	131.0761	76.21734

#1	.000001	-.000131	15.58928	-.000410	-.000027	.0010468	.0512418
#2	-.000005	-.000019	15.66144	-.000188	-.000556	.0004813	.0413420
#3	-.000053	.000041	15.68314	-.000268	-.000336	.0078259	.0044587

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0387922	7.860452	.0015159	-.000348	17.83286	-.000241	.0021967
Stddev	.0011884	.097398	.0002410	.000532	.33361	.003258	.0087687
%RSD	3.063408	1.239089	15.89551	152.7557	1.870734	1350.592	399.1677

#1	.0401108	7.970361	.0015591	-.000786	17.67137	-.003303	-.007747
#2	.0378040	7.826148	.0012563	-.000502	17.61073	.003182	.008821
#3	.0384617	7.784848	.0017323	.000244	18.21648	-.000603	.005517

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7453920	.0020784	.2188562	.0000110	5.375254	1.032760	-.000998
Stddev	.0241080	.0011877	.0008461	.0001929	.009053	.007009	.000892
%RSD	3.234274	57.14471	.3866073	1760.147	.1684263	.6786258	89.46642

#1	.7542341	.0024848	.2197832	.0001859	5.376025	1.033840	-.000907
#2	.7181114	.0007408	.2186598	-.000196	5.365839	1.025274	-.000154
#3	.7638305	.0030095	.2181255	.000043	5.383896	1.039166	-.001932

Sample Name: J4766-04LX5 Acquired: 9/14/2018 16:21:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AE3L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002397	.0097692	.0364279
Stddev	.002896	.0011187	.0000570
%RSD	120.8200	11.45156	.1565238

#1	.000851	.0110599	.0363796
#2	-.003331	.0090783	.0364908
#3	-.004710	.0091693	.0364134

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2175.675	2450.737	49567.73	5033.823	3726.686
Stddev	10.822	3.333	130.18	24.231	6.289
%RSD	.4974197	.1360179	.2626334	.4813617	.1687427

#1	2188.162	2446.949	49701.99	5041.840	3721.735
#2	2169.856	2453.219	49559.16	5053.030	3733.762
#3	2169.008	2452.045	49442.04	5006.600	3724.562

Sample Name: PB112725BL Acquired: 9/14/2018 16:27:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) 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	.0006791	.0007508	.0018532	.0001040	.0010637	-.004144	-.000236
Stddev	.0014808	.0009721	.0015163	.0018775	.0014212	.011030	.000557
%RSD	218.0671	129.4870	81.82054	1804.463	133.6121	266.1538	236.2019

#1	.0018264	.0008190	.0032940	.0022281	-.000575	-.016697	.000407
#2	.0012035	.0016869	.0002713	-.001334	.001955	.000269	-.000561
#3	-.000993	-.000254	.0019944	-.000582	.001812	.003996	-.000554

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000015	-.000036	-.033666	-.000230	-.000180	.0017441	.0043010
Stddev	.000038	.000043	.010880	.000224	.000271	.0041884	.0257672
%RSD	263.3933	118.9854	32.31869	97.21823	150.7696	240.1535	599.0971

#1	-.000006	-.000013	-.042725	-.000107	-.000234	.0061521	.0202326
#2	-.000057	-.000086	-.021598	-.000095	.000114	-.002183	-.025427
#3	.000019	-.000009	-.036675	-.000489	-.000419	.001263	.018097

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000812	.0540016	.0000698	-.000637	.1953630	.0040493	.0017777
Stddev	.000980	.0183948	.0002631	.000099	.0330085	.0089830	.0141971
%RSD	120.7464	34.06343	377.1104	15.61033	16.89600	221.8391	798.6203

#1	-.001943	.0367336	.0002117	-.000705	.1979376	.0002027	-.003896
#2	-.000228	.0733468	.0002314	-.000683	.1611425	.0143152	.017934
#3	-.000264	.0519243	-.000234	-.000523	.2270088	-.002370	-.008705

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.063603	-.000773	-.000656	-.000144	-.008712	.0008888	-.001355
Stddev	.050822	.002010	.001022	.000295	.004854	.0002782	.000525
%RSD	79.90519	260.2462	155.8656	204.8119	55.71599	31.30245	38.71444

#1	-.004949	-.002284	.000158	.000179	-.009262	.0010490	-.000765
#2	-.091286	-.001542	-.001803	-.000398	-.013267	.0005676	-.001768
#3	-.094575	.001509	-.000322	-.000213	-.003606	.0010499	-.001532

Sample Name: PB112725BL Acquired: 9/14/2018 16:27:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) 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	-.003429	.0030719	.0000200
Stddev	.002872	.0018808	.0000951
%RSD	83.76568	61.22470	474.1901

#1	-.005783	.0052194	-.000074
#2	-.000229	.0022783	.000116
#3	-.004275	.0017180	.000018

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2190.464	2484.831	49872.14	5110.903	3727.489
Stddev	23.513	2.665	161.21	9.561	5.535
%RSD	1.073426	.1072641	.3232372	.1870738	.1485029

#1	2185.046	2485.913	49780.85	5104.770	3729.972
#2	2170.133	2481.795	49777.30	5106.020	3721.146
#3	2216.213	2486.785	50058.27	5121.920	3731.348

Sample Name: PB112725BS Acquired: 9/14/2018 16:31:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) 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	.0194494	.0505959	.0189484	.0741649	.1234110	.3748322
Stddev	.0019378	.0009291	.0007229	.0029595	.0005906	.0074894
%RSD	9.963437	1.836336	3.815156	3.990364	.4785888	1.998072

#1	.0214221	.0495358	.0191355	.0737061	.1240446	.3834386
#2	.0193776	.0509833	.0181504	.0714617	.1228756	.3697948
#3	.0175485	.0512686	.0195594	.0773270	.1233129	.3712633

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4045997	.0105475	.0103044	10.12271	.0225227	.0967804
Stddev	.0015122	.0001399	.0000224	.06002	.0001827	.0003395
%RSD	.3737634	1.326669	.2175389	.5929294	.8112221	.3507579

#1	.4062135	.0105669	.0103210	10.16122	.0226651	.0967445
#2	.4043703	.0103989	.0103131	10.05355	.0223167	.0964603
#3	.4032153	.0106768	.0102789	10.15335	.0225861	.0971363

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0522210	.2161436	.0307605	9.674412	.0807214	.0195939
Stddev	.0031581	.0094201	.0009422	.102471	.0002754	.0002623
%RSD	6.047491	4.358257	3.062918	1.059192	.3411201	1.338742

#1	.0486171	.2053109	.0299428	9.718090	.0804036	.0198721
#2	.0545050	.2207071	.0305479	9.747807	.0808884	.0193511
#3	.0535408	.2224128	.0317908	9.557340	.0808723	.0195585

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.646706	.1056219	.1114831	9.284622	F .1785387	F .0176649
Stddev	.131879	.0114511	.0079497	.011663	.0014720	.0012625
%RSD	1.367090	10.84161	7.130832	.1256177	.8244611	7.146854

#1	9.663539	.1140434	.1032699	9.286856	.1802005	.0163789
#2	9.769361	.1102393	.1191400	9.272004	.1780171	.0177133
#3	9.507219	.0925830	.1120395	9.295007	.1773986	.0189025

Sample Name: PB112725BS Acquired: 9/14/2018 16:31:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) 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	.0194179	.1706616	.1922366	F .0128203	.0969808	.0948874
Stddev	.0002424	.0039035	.0008111	.0005103	.0021236	.0014705
%RSD	1.248479	2.287260	.4219425	3.980686	2.189691	1.549785

#1	.0195568	.1664589	.1931672	.0133601	.0987844	.0936587
#2	.0191379	.1713522	.1916799	.0123457	.0975177	.0944867
#3	.0195588	.1741737	.1918626	.0127552	.0946403	.0965168

Elem	Sr4077
Units	ppm
Avg	.2026575
Stddev	.0001235
%RSD	.0609521

#1	.2027971
#2	.2025621
#3	.2026134

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2213.512	2478.842	50357.44	5091.429	3752.205
Stddev	19.430	5.070	238.01	7.771	5.545
%RSD	.8778078	.2045230	.4726368	.1526227	.1477706

#1	2204.779	2477.515	50341.41	5093.018	3752.909
#2	2199.980	2474.568	50127.85	5098.283	3746.342
#3	2235.776	2484.444	50603.05	5082.987	3757.364

Sample Name: J4755-01 Acquired: 9/14/2018 16:35:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0H01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0982151	.0037780	.6996991	-.021308	.0089457	100.7147	1.173792
Stddev	.0032306	.0012642	.0014012	.004317	.0002309	.4181	.001542
%RSD	3.289268	33.46131	.2002643	20.25949	2.581327	.4151473	.1314072

#1	.1018121	.0023465	.6983186	-.026291	.0086888	101.1165	1.174639
#2	.0955605	.0047412	.6996584	-.018932	.0091361	100.7455	1.174726
#3	.0972727	.0042462	.7011202	-.018701	.0090123	100.2820	1.172012

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063532	.0208592	184.7114	.1512530	.0896228	.7581525	210.9062
Stddev	.0000175	.0002477	.5709	.0005206	.0006392	.0062010	2.2774
%RSD	.2760428	1.187348	.3090572	.3442030	.7131562	.8179032	1.079820

#1	.0063655	.0206088	184.2785	.1507223	.0889769	.7649854	212.8284
#2	.0063611	.0208647	185.3583	.1517630	.0896365	.7565896	211.4993
#3	.0063331	.0211041	184.4973	.1512737	.0902550	.7528825	208.3909

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.961027	60.97200	.1169026	.0028296	3.207975	.4751650	1.986665
Stddev	.032809	.36132	.0002604	.0004835	.100998	.0085044	.015707
%RSD	.6613344	.5925953	.2227178	17.08787	3.148325	1.789775	.7906276

#1	4.936214	61.21708	.1171938	.0033606	3.106142	.4845682	2.001959
#2	4.998226	61.14187	.1166922	.0024147	3.308116	.4729148	1.970575
#3	4.948640	60.55705	.1168218	.0027135	3.209668	.4680120	1.987462

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.48019	7.703977	.1533668	.0082481	3.221790	3.702099	.0103009
Stddev	.16714	.035602	.0030833	.0003168	.022356	.018975	.0005529
%RSD	.5868515	.4621221	2.010429	3.840543	.6939075	.5125346	5.367843

#1	28.50238	7.738417	.1550507	.0086021	3.219085	3.714760	.0097622
#2	28.63512	7.667317	.1552415	.0081508	3.200909	3.711253	.0108670
#3	28.30307	7.706198	.1498082	.0079914	3.245375	3.680282	.0102733

Sample Name: J4755-01 Acquired: 9/14/2018 16:35:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0H01 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.811837	.1429117	.5134329
Stddev	.027146	.0015246	.0024454
%RSD	.5641533	1.066801	.4762756

#1	4.836814	.1426540	.5126467
#2	4.815750	.1415324	.5161747
#3	4.782946	.1445488	.5114774

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2414.397	2683.411	56249.26	5777.563	3429.886
Stddev	15.567	1.253	137.20	13.234	6.424
%RSD	.6447397	.0466951	.2439157	.2290608	.1873045

#1	2420.194	2682.631	56404.10	5778.735	3427.143
#2	2426.234	2684.856	56200.89	5763.781	3437.227
#3	2396.764	2682.745	56142.80	5790.172	3425.289

Sample Name: J4755-02 Acquired: 9/14/2018 16:39:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0H02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0809779	.0032514	.7931368	-.021878	.0090012	95.85976	1.362554
Stddev	.0036326	.0018404	.0023423	.004406	.0011886	.38805	.002794
%RSD	4.485985	56.60335	.2953190	20.13807	13.20476	.4048109	.2050848

#1	.0828125	.0011652	.7911552	-.026907	.0101964	95.98366	1.362935
#2	.0767938	.0039439	.7925333	-.020031	.0089880	96.17073	1.365138
#3	.0833273	.0046450	.7957217	-.018697	.0078193	95.42489	1.359588

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073856	.0193083	48.68316	.1472804	.1001290	.4563328	207.9178
Stddev	.0000570	.0001665	.12967	.0008011	.0003433	.0083470	1.7134
%RSD	.7722518	.8622381	.2663486	.5439234	.3428512	1.829156	.8240873

#1	.0073466	.0194344	48.55532	.1482042	.0999431	.4492908	208.2225
#2	.0073591	.0191196	48.81458	.1467769	.1005252	.4655529	209.4584
#3	.0074511	.0193708	48.67957	.1468602	.0999188	.4541545	206.0724

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.879546	56.47533	.1261678	-.000059	2.136043	.4275414	1.284575
Stddev	.015860	.42701	.0004597	.000688	.091727	.0099795	.020130
%RSD	.2697431	.7561071	.3643817	1168.186	4.294234	2.334156	1.567023

#1	5.885263	56.64769	.1257646	-.000056	2.051323	.4231715	1.279684
#2	5.861620	56.78922	.1266684	.000628	2.123350	.4389605	1.306700
#3	5.891754	55.98907	.1260702	-.000749	2.233455	.4204923	1.267343

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.68346	9.534237	.1509673	.0101505	2.401162	4.498799	.0127518
Stddev	.04210	.012289	.0027480	.0000714	.005600	.013193	.0010721
%RSD	.1088334	.1288911	1.820262	.7031519	.2332038	.2932469	8.407582

#1	38.63668	9.520632	.1538276	.0101116	2.397884	4.496600	.0116045
#2	38.71830	9.537549	.1507270	.0102328	2.407628	4.512952	.0129228
#3	38.69541	9.544531	.1483473	.0101070	2.397975	4.486844	.0137282

Sample Name: J4755-02 Acquired: 9/14/2018 16:39:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0H02 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.916381	.1538864	.3675568
Stddev	.019651	.0008238	.0001929
%RSD	.3321423	.5353204	.0524853

#1	5.913097	.1538408	.3674516
#2	5.937467	.1530864	.3674394
#3	5.898579	.1547321	.3677794

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2481.919	2800.546	57461.16	5925.933	3536.433
Stddev	8.166	4.201	158.23	11.160	7.466
%RSD	.3290302	.1499964	.2753768	.1883302	.2111248

#1	2488.693	2801.005	57576.48	5930.444	3537.949
#2	2484.213	2804.499	57526.23	5913.224	3543.025
#3	2472.851	2796.135	57280.76	5934.132	3528.325

Sample Name: J4755-03 Acquired: 9/14/2018 16:43:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0H03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0639289	.0059907	.3195812	-.021768	.0067547	89.68882	1.293069
Stddev	.0043062	.0012699	.0006019	.001437	.0023042	.12697	.004839
%RSD	6.735921	21.19721	.1883318	6.601550	34.11250	.1415721	.3741930

#1	.0611722	.0054334	.3199305	-.023201	.0073902	89.77935	1.298043
#2	.0617234	.0074439	.3188863	-.021778	.0086745	89.54368	1.288378
#3	.0688910	.0050947	.3199270	-.020327	.0041995	89.74344	1.292784

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071186	.0101221	57.32821	.1319524	.1011899	.4192584	193.2636
Stddev	.0000759	.0001023	.12910	.0009159	.0003578	.0077143	.4019
%RSD	1.066254	1.010705	.2251885	.6941477	.3536255	1.839987	.2079536

#1	.0070345	.0100486	57.47465	.1328417	.1009306	.4280340	192.8227
#2	.0071391	.0102389	57.23086	.1310120	.1015982	.4135468	193.3586
#3	.0071820	.0100787	57.27912	.1320036	.1010409	.4161944	193.6095

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.744240	54.06428	.1251928	-.001522	2.575140	.3932918	1.045819
Stddev	.008416	.19978	.0007445	.000592	.053174	.0072608	.012553
%RSD	.1247808	.3695291	.5946651	38.92504	2.064883	1.846171	1.200277

#1	6.752739	53.87853	.1256436	-.001104	2.546961	.4007022	1.055569
#2	6.744070	54.27563	.1243335	-.002199	2.636472	.3861904	1.031656
#3	6.735911	54.03868	.1256013	-.001261	2.541985	.3929826	1.050234

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.97389	8.031547	.1355733	.0084252	1.398625	2.760533	.0111502
Stddev	.06998	.011563	.0033355	.0002386	.001899	.020090	.0014916
%RSD	.2259451	.1439742	2.460294	2.831865	.1357801	.7277399	13.37695

#1	31.05344	8.022309	.1317769	.0086981	1.398641	2.783551	.0099961
#2	30.94646	8.027818	.1369095	.0083211	1.396718	2.751517	.0106202
#3	30.92178	8.044515	.1380336	.0082563	1.400516	2.746530	.0128344

Sample Name: J4755-03 Acquired: 9/14/2018 16:43:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0H03 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.895394	.1609377	.3839883
Stddev	.017007	.0000350	.0007655
%RSD	.2884787	.0217383	.1993480

#1	5.889250	.1609096	.3848611
#2	5.882314	.1609265	.3834313
#3	5.914620	.1609769	.3836724

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2502.995	2829.088	57922.87	5947.260	3504.168
Stddev	6.914	1.780	122.07	30.110	1.680
%RSD	.2762443	.0629235	.2107414	.5062797	.0479513

#1	2510.955	2831.043	58051.81	5918.046	3504.795
#2	2498.479	2828.662	57907.73	5945.542	3505.444
#3	2499.551	2827.559	57809.09	5978.192	3502.264

Sample Name: J4755-04 Acquired: 9/14/2018 16:47:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0H04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0624362	.0045218	.4315887	-.023999	.0063522	100.0308	1.374309
Stddev	.0027805	.0008055	.0016478	.003873	.0020481	.2947	.003547
%RSD	4.453282	17.81358	.3817955	16.13634	32.24265	.2945838	.2581005

#1	.0620753	.0054507	.4296861	-.028281	.0039954	99.6909	1.372420
#2	.0598539	.0040158	.4325183	-.022974	.0077008	100.2147	1.378400
#3	.0653795	.0040990	.4325616	-.020742	.0073603	100.1868	1.372105

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080337	.0107325	55.11660	.1474417	.1185466	.4380988	214.6183
Stddev	.0000674	.0001256	.15757	.0005686	.0004876	.0056346	.3290
%RSD	.8391737	1.170424	.2858887	.3856645	.4112714	1.286141	.1533178

#1	.0081049	.0108486	55.15197	.1479327	.1183861	.4423858	214.3301
#2	.0080252	.0105991	55.25349	.1475738	.1181595	.4401938	214.5480
#3	.0079709	.0107496	54.94436	.1468187	.1190941	.4317168	214.9768

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.304184	60.90692	.1375323	-.001691	3.014447	.4245607	1.115007
Stddev	.008877	.11586	.0005362	.000191	.156575	.0125309	.006751
%RSD	.1408045	.1902253	.3898621	11.28811	5.194155	2.951502	.6054518

#1	6.306939	60.85753	.1370051	-.001571	3.165003	.4390013	1.114924
#2	6.311357	61.03929	.1380770	-.001591	3.025861	.4181322	1.121799
#3	6.294257	60.82394	.1375147	-.001911	2.852477	.4165487	1.108298

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.55641	8.500076	.1413058	.0071314	1.598326	2.832633	.0137834
Stddev	.08925	.043808	.0060109	.0003428	.003542	.017552	.0012227
%RSD	.2582698	.5153787	4.253811	4.806425	.2215772	.6196419	8.870589

#1	34.45343	8.467454	.1350264	.0072541	1.602011	2.852867	.0124824
#2	34.61123	8.482906	.1418847	.0073959	1.598019	2.823527	.0139593
#3	34.60459	8.549868	.1470062	.0067442	1.594948	2.821505	.0149087

Sample Name: J4755-04 Acquired: 9/14/2018 16:47:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0H04 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.867986	.1782720	.4181428
Stddev	.026564	.0008529	.0007254
%RSD	.3867872	.4784351	.1734688

#1	6.839347	.1791734	.4173888
#2	6.891820	.1774777	.4188357
#3	6.872791	.1781649	.4182040

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2557.306	2860.049	58869.95	6045.536	3541.184
Stddev	19.425	3.198	253.68	13.824	4.444
%RSD	.7595937	.1118125	.4309159	.2286715	.1254818

#1	2573.446	2859.227	59153.64	6048.256	3537.487
#2	2562.724	2863.578	58791.28	6057.798	3546.114
#3	2535.746	2857.343	58664.92	6030.554	3539.950

Sample Name: J4755-05 Acquired: 9/14/2018 16:51:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0H14 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1208885	.0058673	1.643525	-.017337	.0148142	64.58618	.9399264
Stddev	.0061031	.0011275	.004262	.000718	.0004758	.23151	.0012879
%RSD	5.048502	19.21719	.2593464	4.142753	3.211582	.3584526	.1370195

#1	.1200502	.0067496	1.648426	-.016623	.0142669	64.36335	.9388530
#2	.1152480	.0045970	1.640678	-.017331	.0150473	64.82549	.9413544
#3	.1273674	.0062552	1.641472	-.018059	.0151285	64.56968	.9395717

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042975	.0494857	116.8294	.1277480	.0680898	1.146725	173.1562
Stddev	.0000202	.0001499	.2371	.0007596	.0004849	.007092	.1832
%RSD	.4703455	.3029079	.2029152	.5946434	.7121719	.6184629	.1057729

#1	.0043135	.0493174	116.6118	.1285330	.0684002	1.144116	172.9447
#2	.0043041	.0496051	117.0820	.1270165	.0683381	1.154753	173.2634
#3	.0042748	.0495345	116.7945	.1276947	.0675310	1.141308	173.2604

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.077792	47.56375	.0877478	.0104763	2.439850	.3771518	1.291172
Stddev	.012993	.26450	.0002290	.0003235	.187481	.0109776	.013692
%RSD	.3186266	.5560989	.2609744	3.088126	7.684140	2.910644	1.060452

#1	4.071340	47.30152	.0875561	.0103523	2.598423	.3646821	1.282366
#2	4.092748	47.55926	.0876859	.0108434	2.488196	.3814155	1.306947
#3	4.069288	47.83046	.0880014	.0102330	2.232930	.3853579	1.284203

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.81967	7.872795	.1364939	.0112247	3.329023	2.728193	.0114722
Stddev	.02052	.021213	.0027192	.0001612	.005217	.010380	.0008054
%RSD	.0985474	.2694509	1.992183	1.436601	.1567221	.3804881	7.020618

#1	20.80011	7.848301	.1375254	.0110513	3.323332	2.716384	.0123324
#2	20.84102	7.884894	.1334099	.0113701	3.330156	2.735879	.0107360
#3	20.81788	7.885191	.1385465	.0112529	3.333580	2.732314	.0113481

Sample Name: J4755-05 Acquired: 9/14/2018 16:51:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0H14 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.635017	.0995079	.3585456
Stddev	.009134	.0027167	.0013815
%RSD	.3466460	2.730157	.3852968

#1	2.624656	.0967799	.3587278
#2	2.641909	.1022133	.3598270
#3	2.638485	.0995305	.3570822

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2365.587	2644.201	54577.22	5577.354	3574.101
Stddev	6.800	2.131	158.45	29.109	1.932
%RSD	.2874714	.0805991	.2903146	.5219096	.0540461

#1	2366.116	2642.665	54526.90	5610.753	3574.454
#2	2358.538	2646.634	54450.04	5557.385	3575.832
#3	2372.108	2643.303	54754.71	5563.924	3572.018

Sample Name: J4755-06 Acquired: 9/14/2018 16:55:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0H15 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3726240	.0173603	7.477024	-.018379	.0294241	111.9600	1.734198
Stddev	.0021223	.0008478	.016601	.001318	.0013054	.3623	.004222
%RSD	.5695689	4.883348	.2220325	7.169741	4.436571	.3235849	.2434545

#1	.3749448	.0170476	7.477889	-.016902	.0309172	112.3292	1.738710
#2	.3721452	.0183200	7.460007	-.019435	.0288567	111.6050	1.730343
#3	.3707819	.0167133	7.493176	-.018799	.0284984	111.9457	1.733541

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078613	.1967363	82.18477	.1676692	.0970249	1.260837	212.0716
Stddev	.0000725	.0000988	.07574	.0005039	.0001739	.007384	1.3439
%RSD	.9227812	.0502326	.0921536	.3005471	.1792191	.5856281	.6336822

#1	.0077791	.1966901	82.25216	.1673337	.0971873	1.267391	213.5405
#2	.0078885	.1966691	82.10281	.1674253	.0968414	1.252838	210.9038
#3	.0079164	.1968498	82.19935	.1682487	.0970462	1.262283	211.7706

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.459411	48.69372	.1334182	.0291249	1.201078	.4174199	2.856550
Stddev	.007180	.20858	.0001541	.0004916	.188532	.0054686	.010761
%RSD	.1111526	.4283433	.1154996	1.687845	15.69693	1.310091	.3767191

#1	6.461155	48.93136	.1334261	.0285762	1.138345	.4223192	2.858719
#2	6.465559	48.54099	.1335681	.0295251	1.051909	.4115202	2.866061
#3	6.451520	48.60882	.1332603	.0292735	1.412979	.4184204	2.844870

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	43.01094	13.84553	.1776566	.0095037	5.859491	4.884847	.0206603
Stddev	.10839	.03680	.0033246	.0000308	.008027	.022985	.0014462
%RSD	.2520011	.2658116	1.871379	.3238504	.1369919	.4705406	6.999657

#1	43.02606	13.85682	.1814635	.0094684	5.851356	4.874006	.0203491
#2	42.89578	13.87536	.1761814	.0095247	5.859711	4.869287	.0193951
#3	43.11097	13.80440	.1753248	.0095181	5.867406	4.911247	.0222367

Sample Name: J4755-06 Acquired: 9/14/2018 16:55:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0H15 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.861594	.1207967	.4551288
Stddev	.010727	.0012620	.0002436
%RSD	.3748460	1.044742	.0535316

#1	2.873117	.1217140	.4550869
#2	2.851898	.1213188	.4553907
#3	2.859767	.1193575	.4549088

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2527.580	2816.756	58867.11	6017.924	3535.798
Stddev	3.232	9.325	237.51	9.339	4.149
%RSD	.1278681	.3310380	.4034684	.1551868	.1173444

#1	2527.421	2807.574	58978.18	6020.220	3531.057
#2	2524.430	2816.476	59028.73	6025.902	3538.764
#3	2530.888	2826.217	58594.41	6007.652	3537.574

Sample Name: J4752-13A Acquired: 9/14/2018 16:59:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GB0A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0934541	.0008096	1.035231	.0729456	.0085430	69.34890
Stddev	.0021863	.0025240	.001303	.0029903	.0022009	.19849
%RSD	2.339458	311.7727	.1258951	4.099308	25.76284	.2862262

#1	.0953981	.0031241	1.033735	.0705579	.0084441	69.22305
#2	.0910872	.0011862	1.036121	.0762995	.0063933	69.24593
#3	.0938770	-.001882	1.035837	.0719794	.0107918	69.57772

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.668002	.0041150	.0342475	F 881.5673	.0872781	.0445101
Stddev	.000194	.0000290	.0001609	.9857	.0007792	.0006130
%RSD	.0116461	.7040635	.4699021	.1118116	.8927280	1.377260

#1	1.667866	.0041457	.0344279	881.8077	.0864527	.0441779
#2	1.667916	.0040881	.0341185	882.4105	.0880008	.0441349
#3	1.668225	.0041112	.0341961	880.4836	.0873808	.0452176

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.232758	113.3963	3.452029	116.6197	.0703895	.0063330
Stddev	.002894	.8722	.007024	.9338	.0002903	.0001967
%RSD	.2347817	.7691717	.2034818	.8007226	.4124888	3.106005

#1	1.230659	113.4223	3.460101	117.0036	.0706946	.0061607
#2	1.231556	112.5113	3.448679	115.5552	.0701167	.0065473
#3	1.236060	114.2552	3.447307	117.3004	.0703571	.0062910

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.273668	.2274685	1.290507	24.71347	10.22796	.2345857
Stddev	.210484	.0039367	.007534	.08278	.02143	.0055968
%RSD	6.429592	1.730660	.5837834	.3349480	.2095644	2.385829

#1	3.031494	.2247403	1.297787	24.80870	10.20548	.2356450
#2	3.412560	.2319814	1.290992	24.65868	10.24817	.2285350
#3	3.376952	.2256837	1.282743	24.67304	10.23022	.2395772

Sample Name: J4752-13A Acquired: 9/14/2018 16:59:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GB0A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053953	11.36886	16.67062	.0082297	2.279786	.2311926
Stddev	.0003113	.05390	.07954	.0009237	.007828	.0024252
%RSD	5.770280	.4740740	.4771365	11.22417	.3433598	1.048995

#1	.0053120	11.33081	16.66826	.0086252	2.279722	.2291540
#2	.0057398	11.43054	16.75132	.0071741	2.271990	.2305492
#3	.0051341	11.34524	16.59229	.0088898	2.287646	.2338746

Elem	Sr4077
Units	ppm
Avg	3.574401
Stddev	.008495
%RSD	.2376565

#1	3.584166
#2	3.570327
#3	3.568711

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2188.006	2419.684	51850.07	5347.013	3161.976
Stddev	8.516	3.297	91.52	18.951	1.451
%RSD	.3892098	.1362671	.1765037	.3544180	.0458788

#1	2178.372	2416.066	51922.94	5325.140	3160.552
#2	2191.115	2422.520	51879.91	5358.505	3163.452
#3	2194.530	2420.467	51747.36	5357.394	3161.923

Sample Name: CCV021 Acquired: 9/14/2018 17:03:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV021 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.990817	5.001634	25.65616	4.917015	5.049446	413.3615	10.55198
Stddev	.009932	.005227	.03084	.004744	.002001	1.0224	.01657
%RSD	.1990041	.1045106	.1202081	.0964818	.0396354	.2473346	.1569849

#1	4.981305	5.004680	25.62696	4.913072	5.048879	413.5588	10.55468
#2	4.990025	5.004624	25.65312	4.915693	5.047789	414.2710	10.56702
#3	5.001121	4.995598	25.68841	4.922279	5.051669	412.2549	10.53422

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5116177	2.589903	414.4042	15.89761	2.602343	15.54013	417.9935
Stddev	.0018712	.005622	.7287	.02367	.003754	.03794	1.2086
%RSD	.3657376	.2170853	.1758368	.1489039	.1442621	.2441473	.2891546

#1	.5135309	2.585633	414.2041	15.90948	2.601697	15.51160	418.8598
#2	.5115306	2.587802	415.2120	15.87035	2.598954	15.58319	418.5080
#3	.5097916	2.596273	413.7965	15.91299	2.606378	15.52560	416.6128

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.44452	412.6118	2.603427	1.324084	414.7158	2.567060	15.51816
Stddev	.02989	1.4593	.004670	.005060	1.6394	.012624	.08090
%RSD	.1935245	.3536658	.1793917	.3821653	.3952965	.4917507	.5213281

#1	15.45184	413.1378	2.598972	1.329927	414.8911	2.574820	15.43724
#2	15.47008	413.7351	2.603023	1.321204	416.2605	2.573866	15.51820
#3	15.41166	410.9624	2.608286	1.321122	412.9959	2.552494	15.59904

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	158.4479	5.361579	5.243443	5.050072	5.264510	5.074559	5.159476
Stddev	.3684	.010814	.020454	.007225	.022000	.016260	.004846
%RSD	.2325111	.2016918	.3900827	.1430689	.4178948	.3204285	.0939210

#1	158.4057	5.368748	5.254297	5.054520	5.274943	5.088069	5.153999
#2	158.8356	5.349140	5.256181	5.041735	5.279352	5.079097	5.163206
#3	158.1024	5.366848	5.219850	5.053960	5.239234	5.056512	5.161224

Sample Name: CCV021 Acquired: 9/14/2018 17:03:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV021 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.183764	5.304343	5.223113
Stddev	.021277	.012411	.018079
%RSD	.4104580	.2339774	.3461345

#1	5.184260	5.301134	5.231093
#2	5.204790	5.318044	5.235829
#3	5.162244	5.293852	5.202417

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1940.985	2089.409	46927.89	4814.787	2941.130
Stddev	5.526	1.711	170.84	25.870	4.229
%RSD	.2846852	.0818861	.3640510	.5373133	.1437863

#1	1947.294	2091.234	47095.74	4797.996	2945.678
#2	1937.002	2087.842	46754.21	4801.787	2940.396
#3	1938.661	2089.150	46933.72	4844.580	2937.316

Sample Name: CCB021 Acquired: 9/14/2018 17:07:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB021 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019263	.0009228	.0007873	.0012053	.0013307	-.004547	.0009233
Stddev	.0004996	.0010017	.0006711	.0012380	.0006784	.005151	.0009187
%RSD	25.93310	108.5492	85.23607	102.7111	50.98192	113.2651	99.50704

#1	.0019414	.0017816	.0012826	.0025297	.0017129	-.009978	-.000125
#2	.0014194	.0011645	.0000236	.0010089	.0005474	.000268	.001309
#3	.0024182	-.000178	.0010557	.0000772	.0017317	-.003932	.001586

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000018	.0000072	-.043597	.0001773	-.000027	.0007749	.0057000
Stddev	.000037	.0000209	.015308	.0001786	.000286	.0019978	.0145642
%RSD	206.8708	292.2349	35.11166	100.7840	1073.920	257.8155	255.5096

#1	.000002	-.000007	-.031690	.0002114	.000252	-.000290	.0182679
#2	-.000061	-.000002	-.038237	.0003364	-.000320	-.000465	-.010261
#3	.000005	.000031	-.060864	-.000016	-.000012	.003080	.009093

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000299	.0438051	.0001454	-.000168	.1397107	-.002806	-.014839
Stddev	.000676	.0549863	.0001832	.000273	.1406608	.004629	.007069
%RSD	226.0923	125.5250	126.0032	162.6215	100.6801	164.9246	47.63774

#1	-.000924	.0075674	.0000259	.000134	.1015587	.001730	-.021214
#2	.000418	.1070750	.0003563	-.000239	.2955119	-.007522	-.016066
#3	-.000390	.0167729	.0000539	-.000399	.0220614	-.002627	-.007237

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.010360	-.002681	.0066553	.0000254	-.009446	.0011594	.0003129
Stddev	.021574	.001103	.0008581	.0001365	.004118	.0004419	.0003218
%RSD	208.2328	41.15278	12.89291	537.0202	43.59929	38.11177	102.8297

#1	-.023323	-.003904	.0067230	.0001823	-.007700	.0014838	.0001723
#2	-.022302	-.002377	.0074775	-.000040	-.006489	.0013383	.0000854
#3	.014544	-.001761	.0057653	-.000066	-.014150	.0006561	.0006811

Sample Name: CCB021 Acquired: 9/14/2018 17:07:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v647) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB021 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002365	.0026193	.0000563
Stddev	.000511	.0015980	.0000924
%RSD	21.61995	61.00665	164.0988

#1	-.002687	.0029942	.0000241
#2	-.001775	.0039965	.0001605
#3	-.002632	.0008672	-.000016

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2215.554	2481.153	50089.81	5018.407	3737.440
Stddev	11.553	4.190	228.46	20.170	1.878
%RSD	.5214369	.1688912	.4560963	.4019177	.0502547

#1	2205.153	2485.348	49859.80	5016.690	3739.573
#2	2227.988	2481.144	50316.69	4999.150	3736.034
#3	2213.522	2476.967	50092.94	5039.380	3736.713