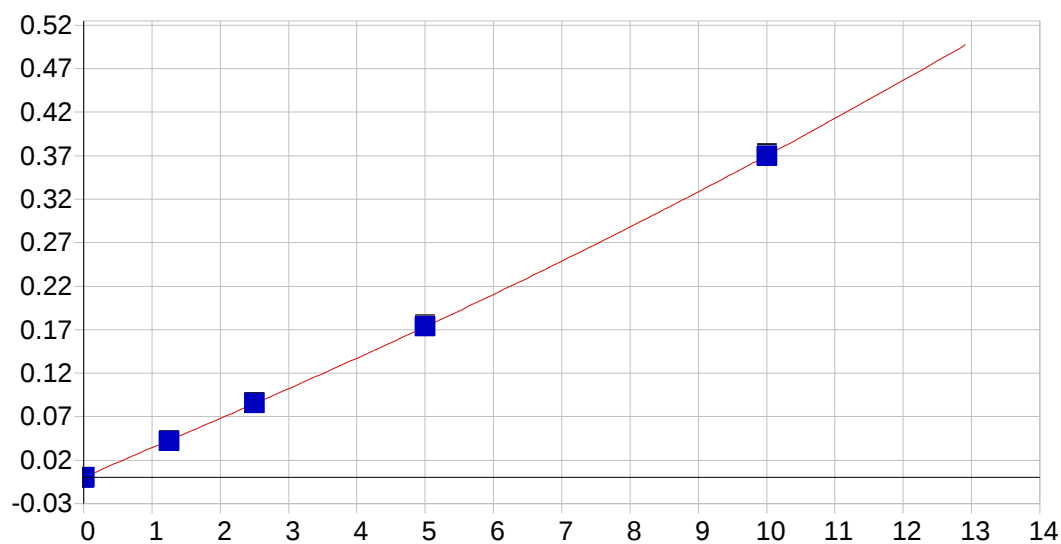




As 189.042 {479}

Date of Fit: 7/30/2018 21:27:11

Type of Fit: Full Fit

Weighting: 1/Conc

A0 (Offset): -0.000307

Re-Slope: 1.000000

A1 (Gain): 0.033599

Y-int: 0.000000

A2 (Curvature): 0.001026

n (Exponent): 0.940000

Correlation: 0.999985

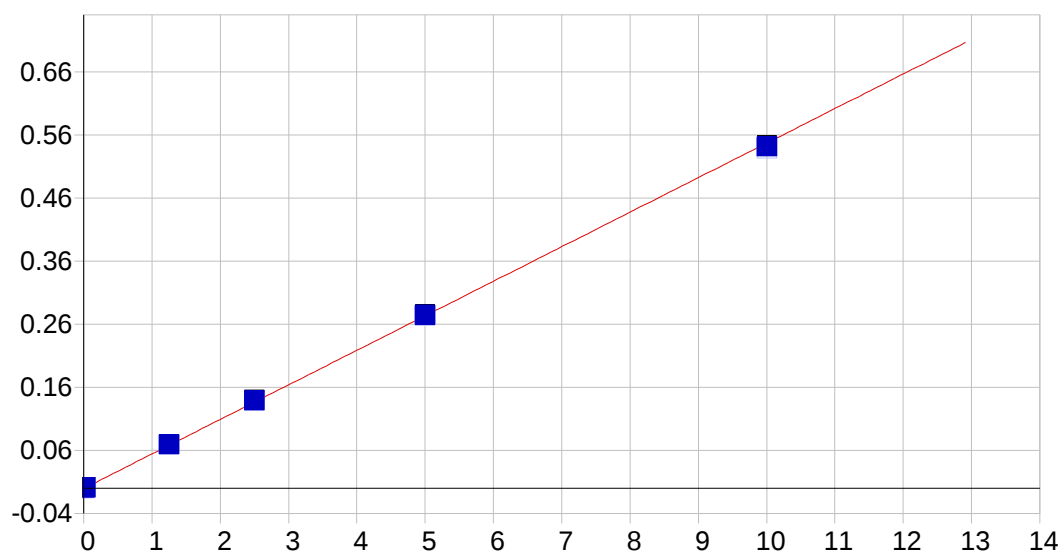
Status: Warning Positive Curvature

Std Error of Est: 0.000005

Predicted MDL: 0.004453

Predicted MQL: 0.014844

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00031	.000	1
S1	.01000	.01139	.001	13.9	.00019	.000	1
S2	1.2500	1.2315	-.018	-1.48	.04217	.000	1
S3	2.5000	2.5129	.013	.516	.08558	.000	1
S4	5.0000	5.0090	.009	.181	.17410	.002	1
S5	10.000	9.9950	-.005	-.050	.37073	.002	1

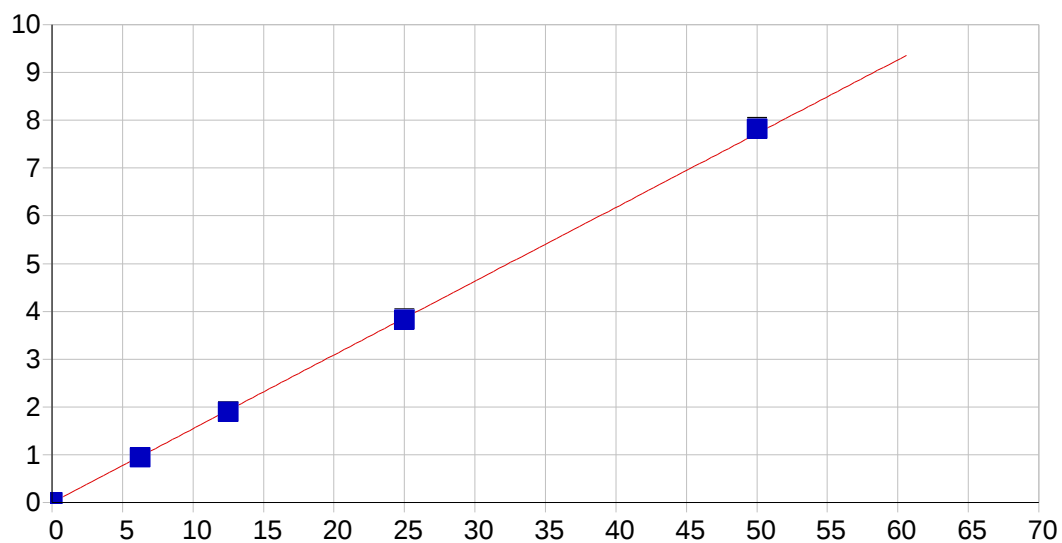


TI 190.856 {477}

Date of Fit: 7/30/2018 21:27:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000423 Re-Slope: 1.000000
 A1 (Gain): 0.054724 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999922 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.002561
 Predicted MQL: 0.008537

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00042	.000	1
S1	.02500	.02732	.002	9.27	.00105	.000	1
S2	1.2500	1.2768	.027	2.14	.06903	.000	1
S3	2.5000	2.5490	.049	1.96	.13824	.001	1
S4	5.0000	5.0233	.023	.466	.27282	.001	1
S5	10.000	9.8986	-.101	-1.01	.53796	.002	1

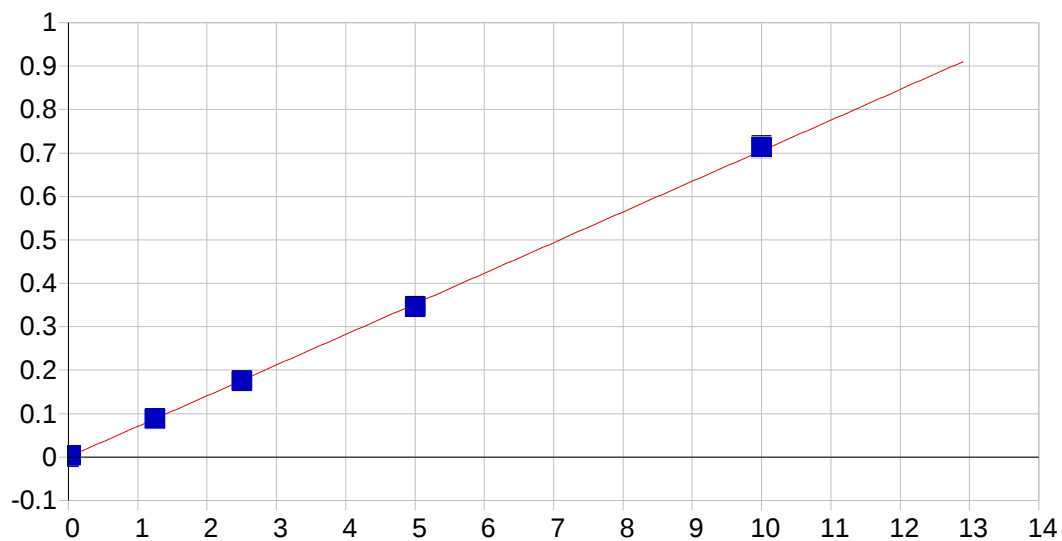


Pb 220.353 {453}

Date of Fit: 7/30/2018 21:27:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000139 Re-Slope: 1.000000
 A1 (Gain): 0.154399 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999908 Status: OK.
 Std Error of Est: 0.000079
 Predicted MDL: 0.002103
 Predicted MQL: 0.007011

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00014	.000	1
S1	.01000	.01009	.000	.919	.00171	.000	1
S2	6.2500	6.0998	-.150	-2.40	.94328	.003	1
S3	12.500	12.263	-.237	-1.90	1.8962	.010	1
S4	25.000	24.783	-.217	-.867	3.8320	.013	1
S5	50.000	50.604	.604	1.21	7.8240	.026	1

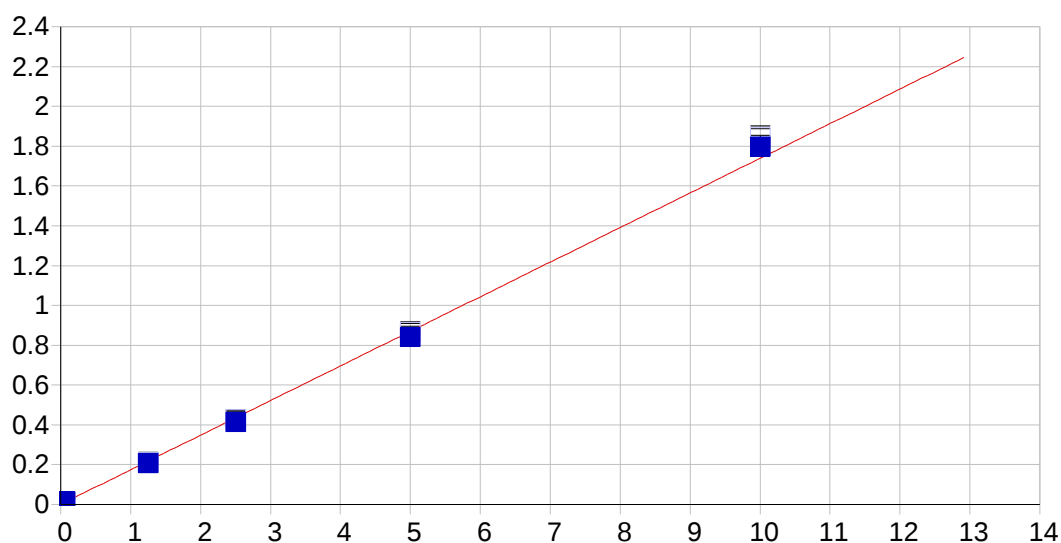


Se 196.090 {472}

Date of Fit: 7/30/2018 21:27:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000181	Re-Slope: 1.000000
A1 (Gain):	0.070508	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999861	Status: OK.
Std Error of Est:	0.000037	
Predicted MDL:	0.003476	
Predicted MQL:	0.011586	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00018	.000	1
S1	.03500	.04291	.008	22.6	.00320	.000	1
S2	1.2500	1.2449	-.005	-.412	.08754	.000	1
S3	2.5000	2.4804	-.020	-.784	.17424	.001	1
S4	5.0000	4.9022	-.098	-1.96	.34417	.001	1
S5	10.000	10.115	.115	1.15	.71003	.004	1

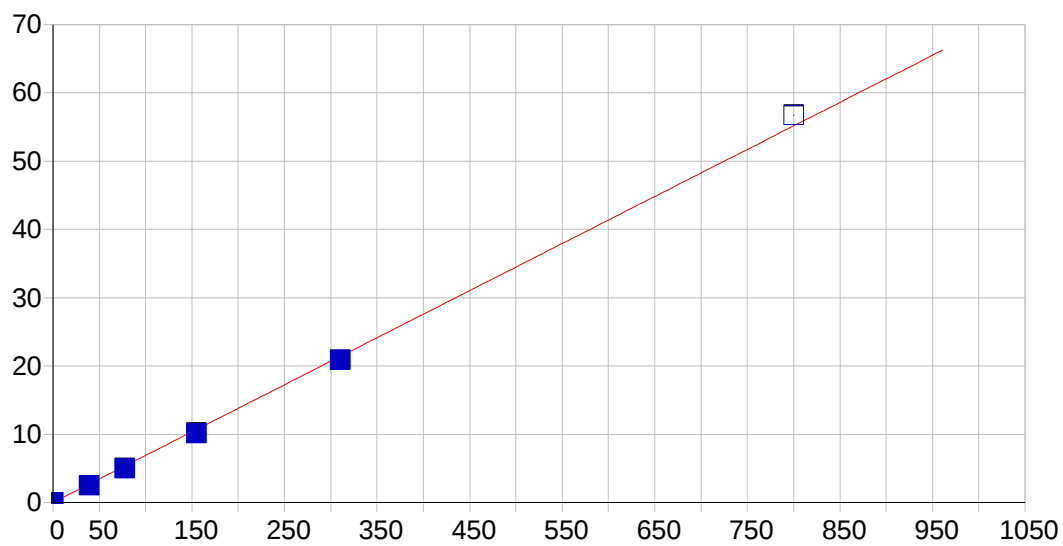


Sb 206.833 {463}

Date of Fit: 7/30/2018 21:27:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000623 Re-Slope: 1.000000
 A1 (Gain): 0.173816 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999322 Status: OK.
 Std Error of Est: 0.000271
 Predicted MDL: 0.001800
 Predicted MQL: 0.005999

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00062	.000	1
S1	.06000	.07003	.010	16.7	.01279	.000	1
S2	1.2500	1.1889	-.061	-4.89	.21318	.000	1
S3	2.5000	2.3806	-.119	-4.78	.42624	.001	1
S4	5.0000	4.8361	-.164	-3.28	.86488	.004	1
S5	10.000	10.335	.335	3.35	1.8443	.006	1

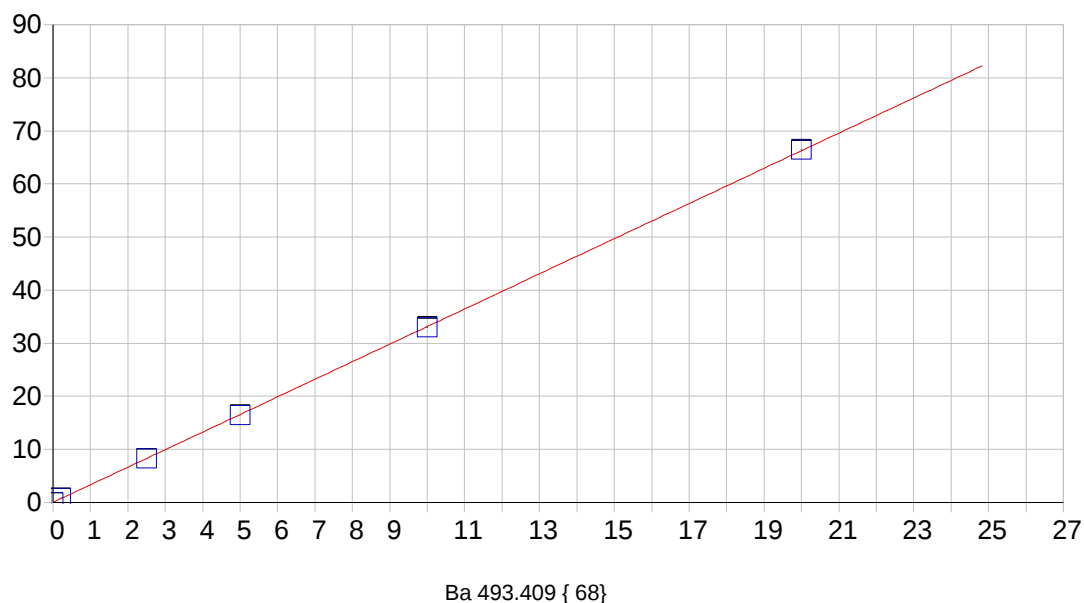


AI 396.152 { 85}

Date of Fit: 7/30/2018 21:27:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005463 Re-Slope: 1.000000
 A1 (Gain): 0.068962 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999389 Status: OK.
 Std Error of Est: 0.001500
 Predicted MDL: 0.018328
 Predicted MQL: 0.061092

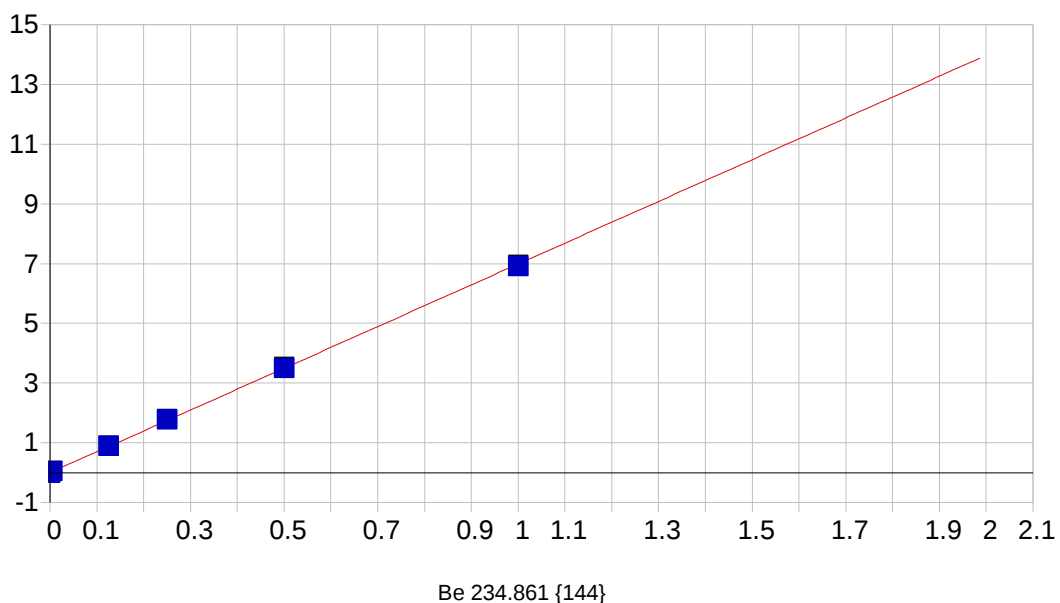
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00546	.001	1
S1	.20000	.21607	.016	8.04	.02038	.001	1
S2	38.750	36.347	-2.40	-6.20	2.5145	.002	1
S3	77.500	72.673	-4.83	-6.23	5.0221	.003	1
S4	155.00	147.06	-7.94	-5.13	10.157	.059	1
S5	310.00	302.42	-7.58	-2.44	20.881	.046	1
S6	800.00	822.76	22.8	2.84	56.744	.098	1



Date of Fit: 7/30/2018 21:27:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.023660 Re-Slope: 1.000000
 A1 (Gain): 3.311600 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999904 Status: OK.
 Std Error of Est: 0.004879
 Predicted MDL: 0.000917
 Predicted MQL: 0.003056

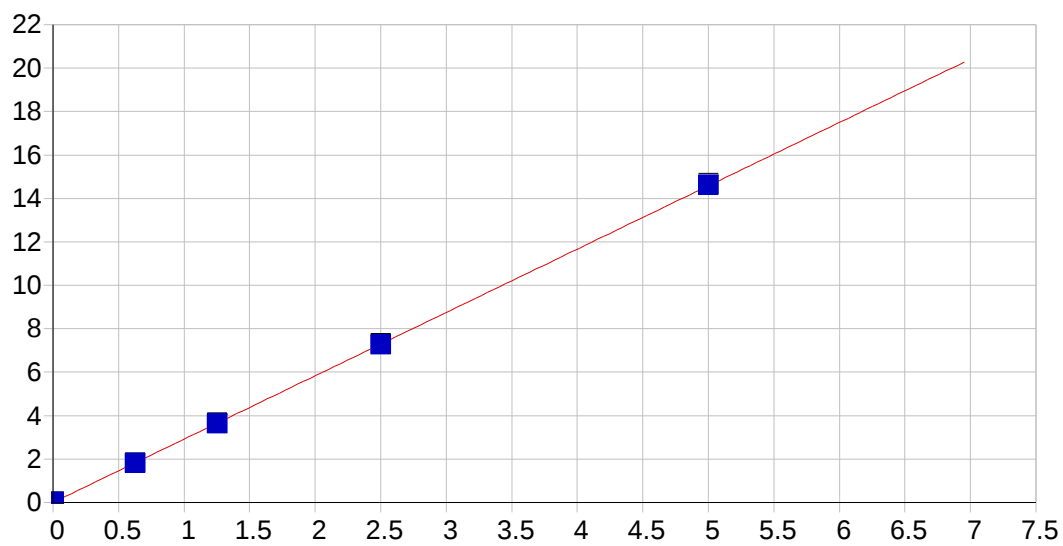
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.02355	.001	1
S1	.20000	.23633	.036	18.2	.80630	.001	1
S2	2.5000	2.4868	-.013	-.529	8.2588	.015	1
S3	5.0000	4.9652	-.035	-.695	16.467	.024	1
S4	10.000	9.9576	-.042	-.424	32.999	.140	1
S5	20.000	20.054	.054	.270	66.435	.068	1



Date of Fit: 7/30/2018 21:27:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001452 Re-Slope: 1.000000
 A1 (Gain): 6.987098 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999826 Status: OK.
 Std Error of Est: 0.000487
 Predicted MDL: 0.000076
 Predicted MQL: 0.000255

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00146	.000	1
S1	.00500	.00639	.001	27.8	.04317	.000	1
S2	.12500	.12798	.003	2.39	.88895	.005	1
S3	.25000	.25446	.004	1.78	1.7688	.009	1
S4	.50000	.50145	.001	.289	3.4869	.032	1
S5	1.0000	.98972	-.010	-1.03	6.8833	.045	1

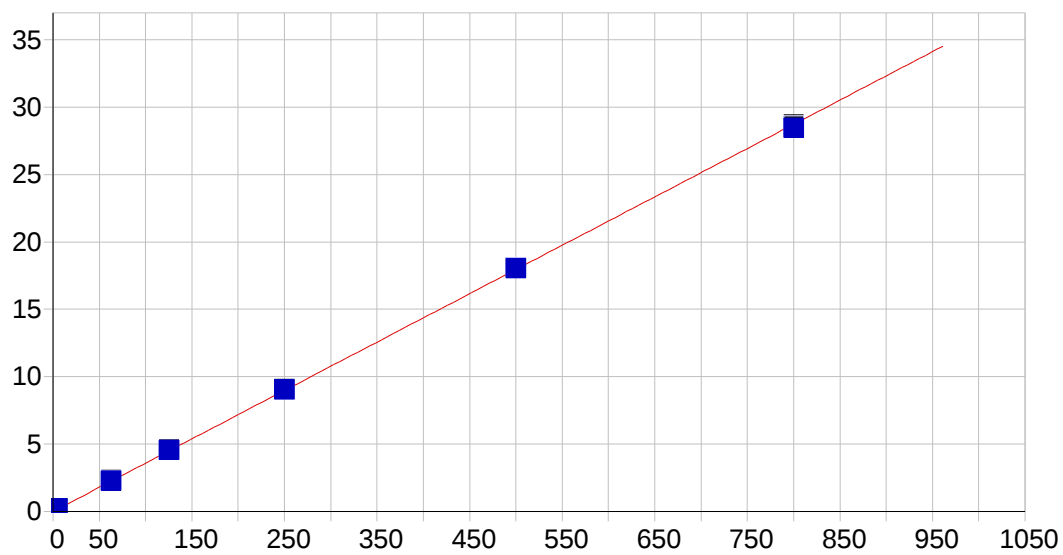


Cd 214.438 {457}

Date of Fit: 7/30/2018 21:27:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000897 Re-Slope: 1.000000
 A1 (Gain): 2.916215 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983 Status: OK.
 Std Error of Est: 0.000142
 Predicted MDL: 0.000088
 Predicted MQL: 0.000295

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00089	.000	1
S1	.00500	.00597	.001	19.5	.01833	.000	1
S2	.62500	.62069	-.004	-.689	1.8147	.007	1
S3	1.2500	1.2447	-.005	-.425	3.6382	.022	1
S4	2.5000	2.4926	-.007	-.297	7.2848	.028	1
S5	5.0000	5.0161	.016	.321	14.659	.032	1

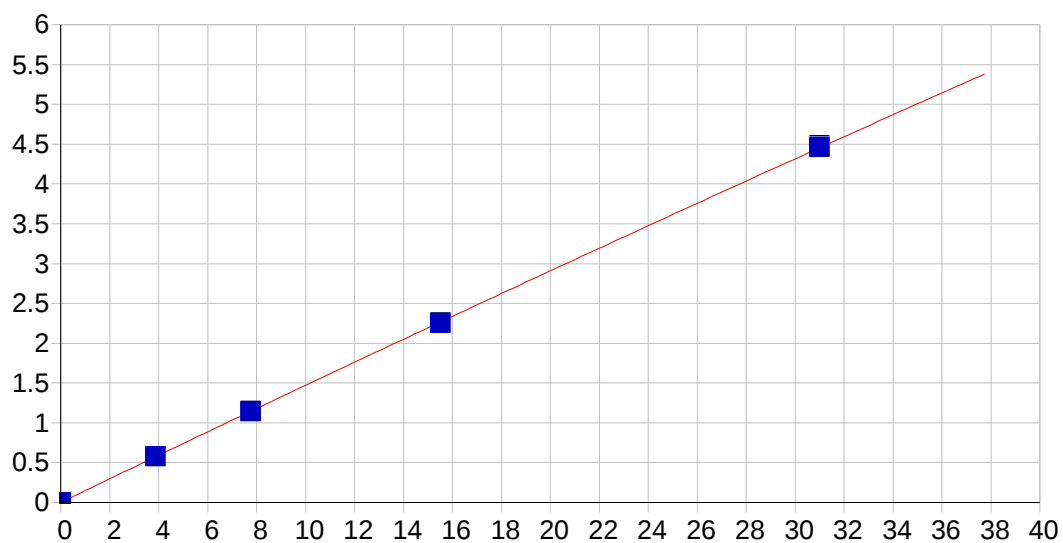


Ca 373.690 { 90}

Date of Fit: 7/30/2018 21:27:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001070 Re-Slope: 1.000000
 A1 (Gain): 0.035911 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999910 Status: OK.
 Std Error of Est: 0.001692
 Predicted MDL: 0.025979
 Predicted MQL: 0.086598

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00110	-.001	.000	.00103	.000	1
S1	5.0000	5.9199	.920	18.4	.21368	.002	1
S2	62.500	63.981	1.48	2.37	2.3067	.007	1
S3	125.00	126.68	1.68	1.34	4.5662	.007	1
S4	250.00	251.14	1.14	.454	9.0517	.025	1
S5	500.00	502.45	2.45	.491	18.109	.015	1
S6	800.00	792.35	-7.65	-.956	28.626	.050	1

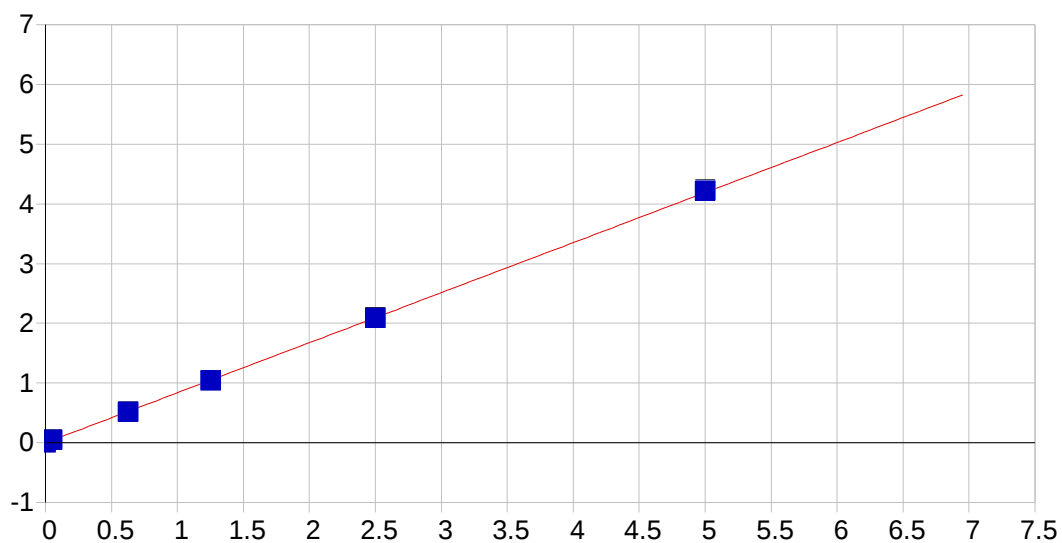


Cr 267.716 {126}

Date of Fit: 7/30/2018 21:27:11 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000054 Re-Slope: 1.000000
 A1 (Gain): 0.148646 Y-int: 0.000000
 A2 (Curvature): -0.000160
 n (Exponent): 1.000000
 Correlation: 0.999983 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.000570
 Predicted MQL: 0.001901

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00005	.000	1
S1	.01000	.01224	.002	22.4	.00188	.000	1
S2	3.8750	3.9192	.044	1.14	.58118	.001	1
S3	7.7500	7.7688	.019	.242	1.1472	.000	1
S4	15.500	15.387	-.113	-.727	2.2534	.003	1
S5	31.000	31.048	.048	.153	4.4686	.013	1

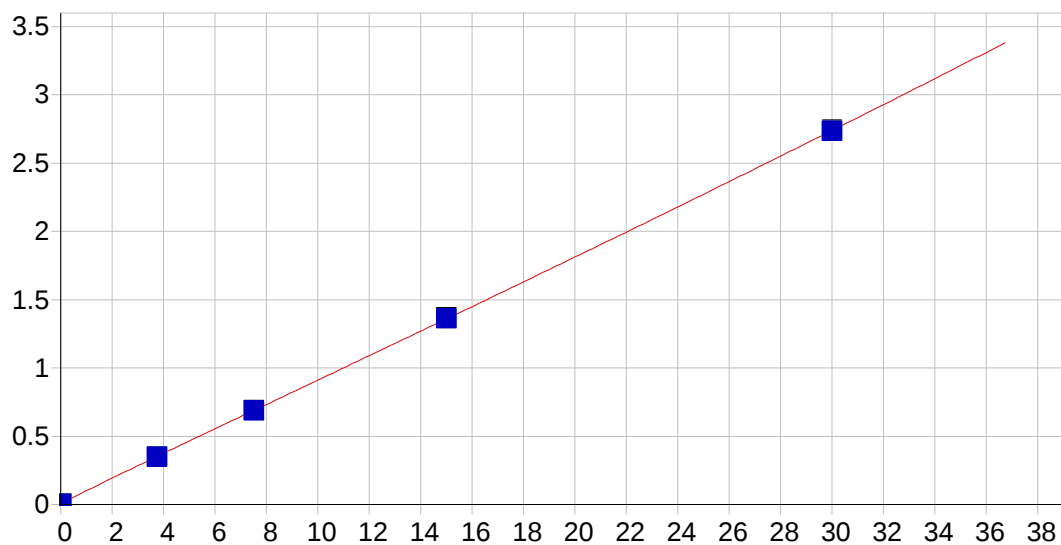


Co 228.616 {448}

Date of Fit: 7/30/2018 21:27:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000124 Re-Slope: 1.000000
 A1 (Gain): 0.837788 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999915 Status: OK.
 Std Error of Est: 0.000291
 Predicted MDL: 0.000302
 Predicted MQL: 0.001008

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00013	.000	1
S1	.05000	.05658	.007	13.2	.04743	.000	1
S2	.62500	.61228	-.013	-2.03	.51388	.003	1
S3	1.2500	1.2355	-.015	-1.16	1.0370	.006	1
S4	2.5000	2.4862	-.014	-.550	2.0870	.012	1
S5	5.0000	5.0344	.034	.689	4.2260	.009	1

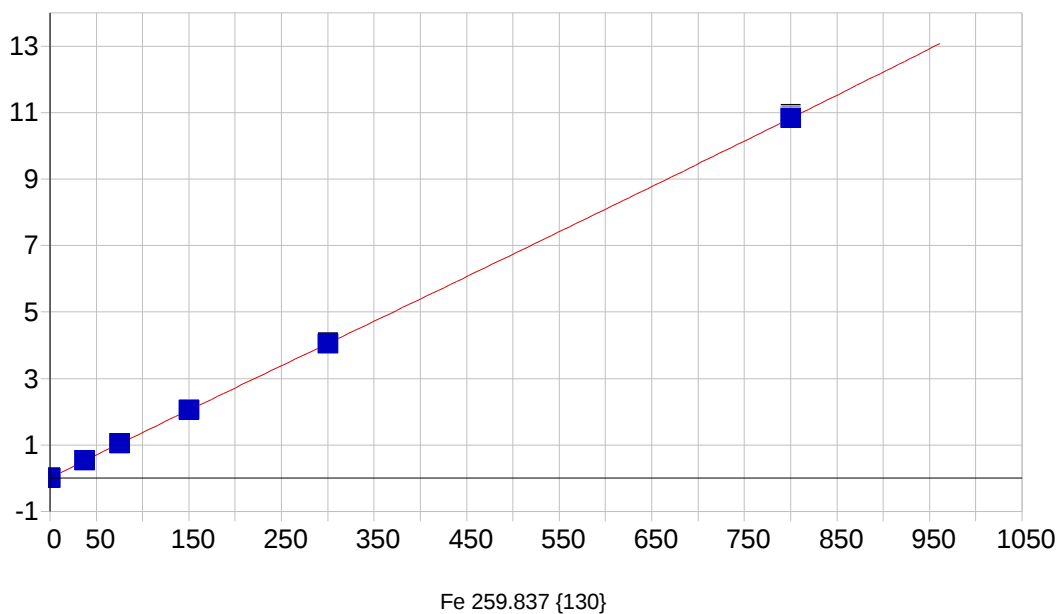


Cu 324.754 {104}

Date of Fit: 7/30/2018 21:27:11 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.001127 Re-Slope: 1.000000
 A1 (Gain): 0.098766 Y-int: 0.000000
 A2 (Curvature): 0.000372
 n (Exponent): 0.950000
 Correlation: 0.999987 Status: Warning Positive Curvature
 Std Error of Est: 0.000031
 Predicted MDL: 0.005869
 Predicted MQL: 0.019563

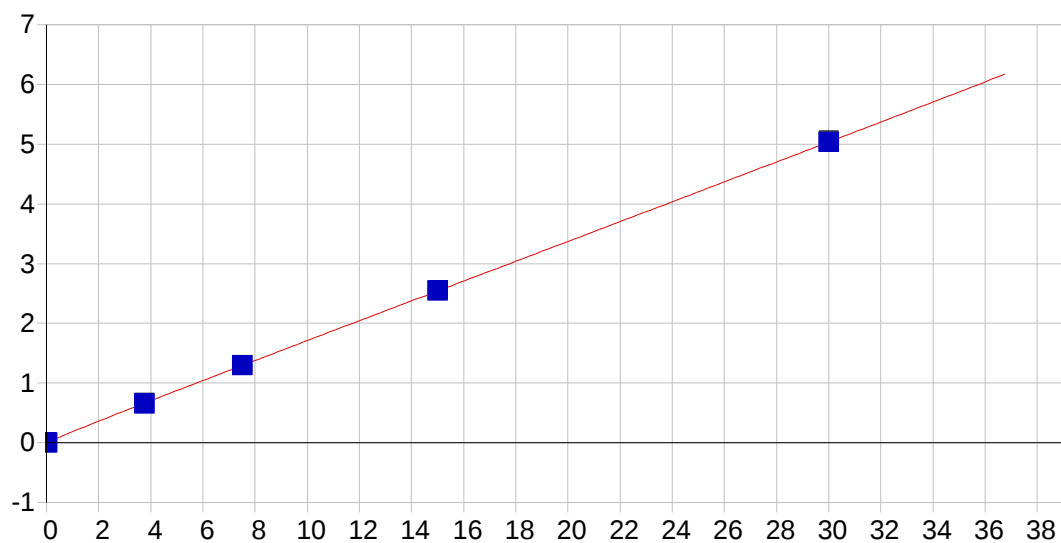
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00113	.000	1
S1	.02500	.02881	.004	15.3	.00452	.000	1
S2	3.7500	3.7100	-.040	-1.07	.34856	.001	1
S3	7.5000	7.5075	.008	.100	.68821	.001	1
S4	15.000	15.051	.051	.343	1.3626	.008	1
S5	30.000	29.978	-.022	-.075	2.7353	.006	1



Date of Fit: 7/30/2018 21:27:11 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000014 Re-Slope: 1.000000
 A1 (Gain): 0.015709 Y-int: 0.000000
 A2 (Curvature): 0.000001
 n (Exponent): 0.970000
 Correlation: 0.999999 Status: Warning Positive Curvature
 Std Error of Est: 0.000012
 Predicted MDL: 0.019455
 Predicted MQL: 0.064850

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00001	.000	1
S1	.10000	.11182	.012	11.8	.00192	.000	1
S2	37.500	37.522	.022	.057	.53329	.002	1
S3	75.000	75.252	.252	.336	1.0503	.001	1
S4	150.00	149.98	-.022	-.015	2.0611	.008	1
S5	300.00	299.57	-.426	-.142	4.0728	.006	1
S6	800.00	800.14	.141	.018	10.891	.056	1



Mn 257.610 {131}

Date of Fit: 7/30/2018 21:27:11

Type of Fit: Full Fit

Weighting: 1/Conc

A0 (Offset): -0.000062

Re-Slope: 1.000000

A1 (Gain): 0.185054

Y-int: 0.000000

A2 (Curvature): 0.000278

n (Exponent): 0.960000

Correlation: 0.999996

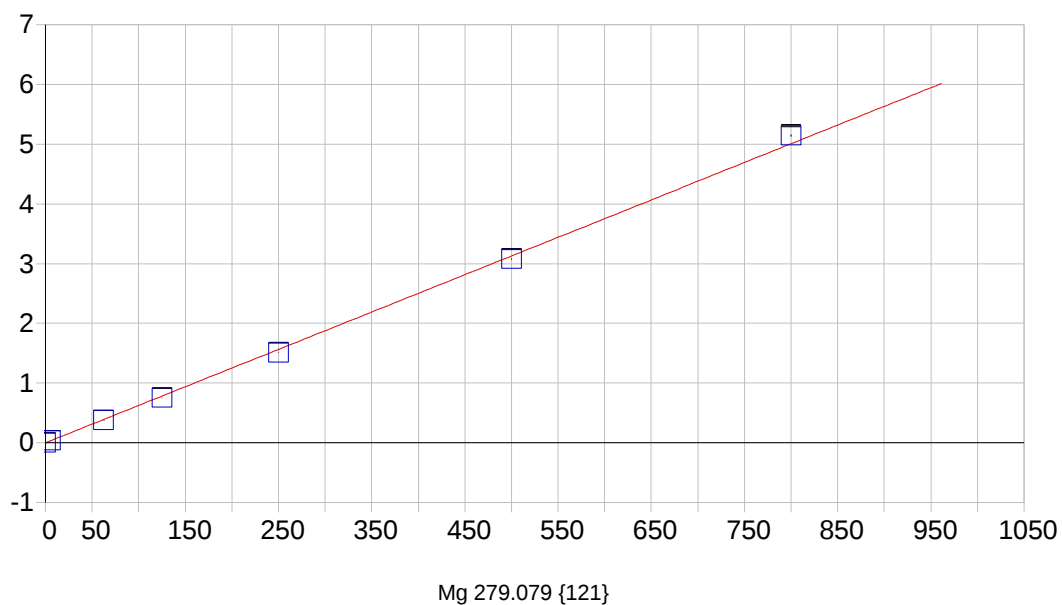
Status: Warning Positive Curvature

Std Error of Est: 0.000024

Predicted MDL: 0.001458

Predicted MQL: 0.004861

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00006	.000	1
S1	.01500	.01642	.001	9.47	.00352	.000	1
S2	3.7500	3.7250	-.025	-.665	.65758	.001	1
S3	7.5000	7.5196	.020	.262	1.2973	.001	1
S4	15.000	15.012	.012	.083	2.5438	.006	1
S5	30.000	29.992	-.008	-.028	5.0358	.014	1



Date of Fit: 7/30/2018 21:27:11

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000304

Re-Slope: 1.000000

A1 (Gain): 0.006257

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999592

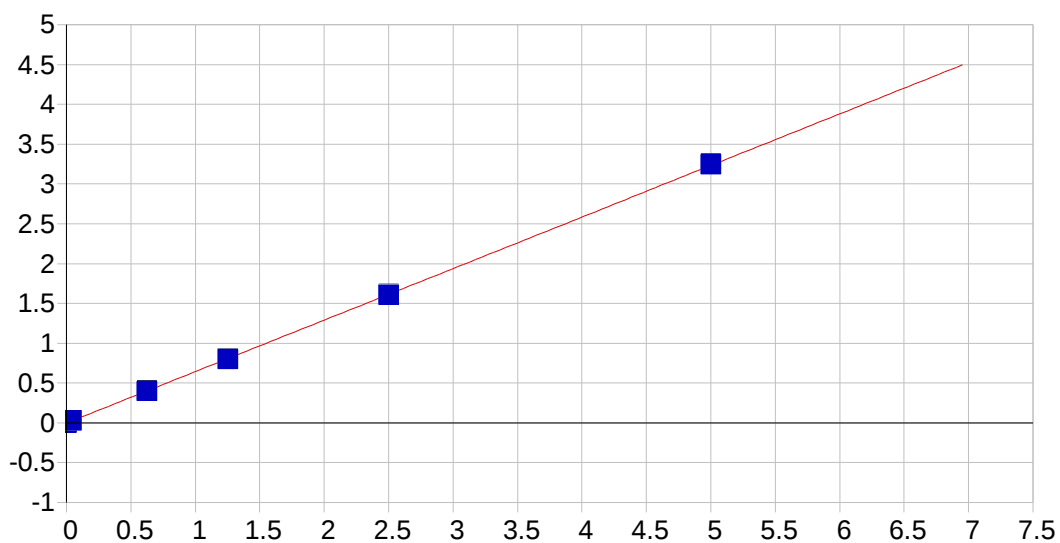
Status: OK.

Std Error of Est: 0.000624

Predicted MDL: 0.061164

Predicted MQL: 0.203881

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00027	.000	.000	-.00031	.000	1
S1	5.0000	5.7462	.746	14.9	.03565	.001	1
S2	62.500	60.282	-2.22	-3.55	.37688	.001	1
S3	125.00	120.28	-4.72	-3.77	.75230	.003	1
S4	250.00	241.50	-8.50	-3.40	1.5107	.005	1
S5	500.00	492.08	-7.92	-1.58	3.0786	.007	1
S6	800.00	822.60	22.6	2.83	5.1466	.018	1

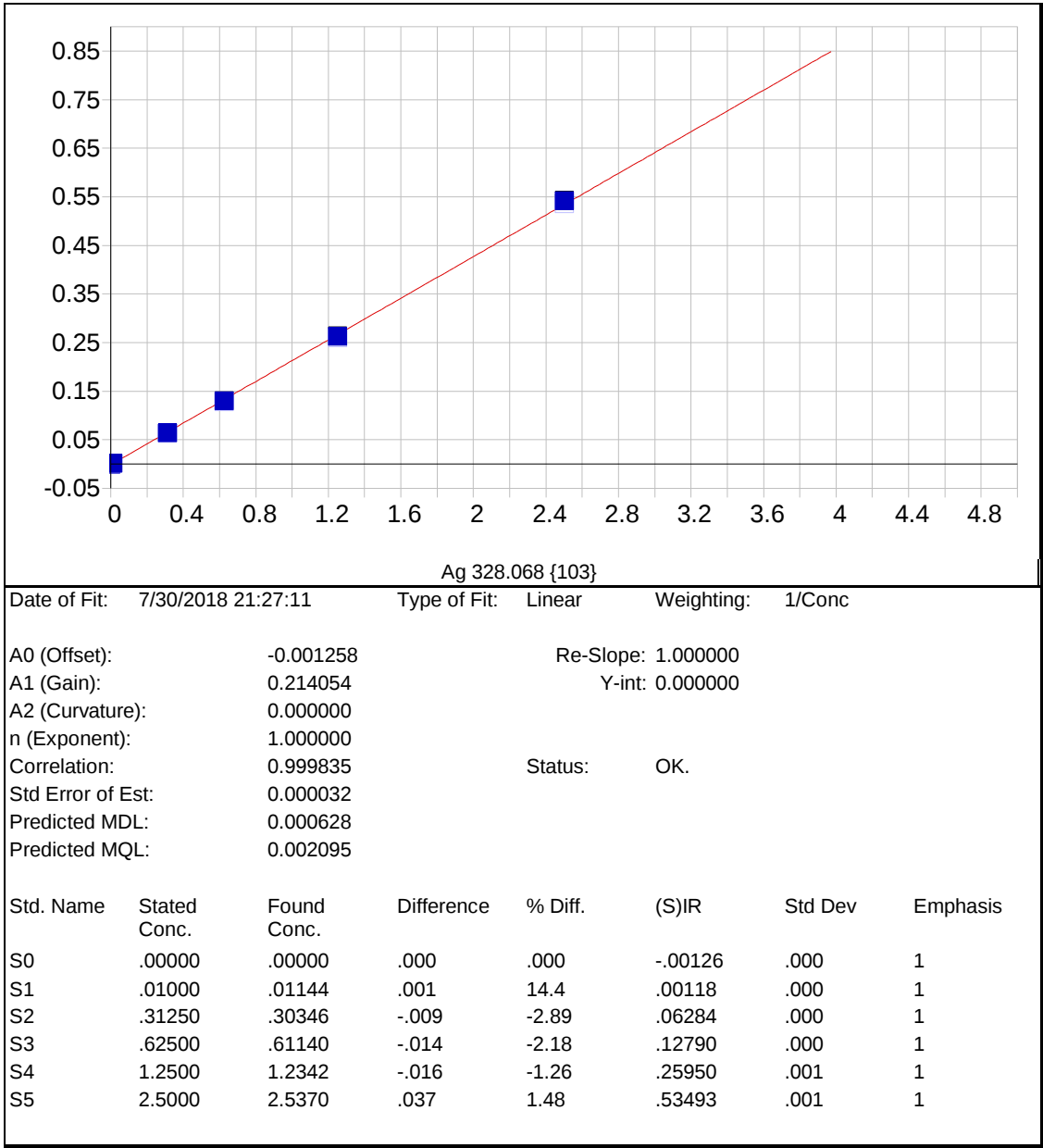


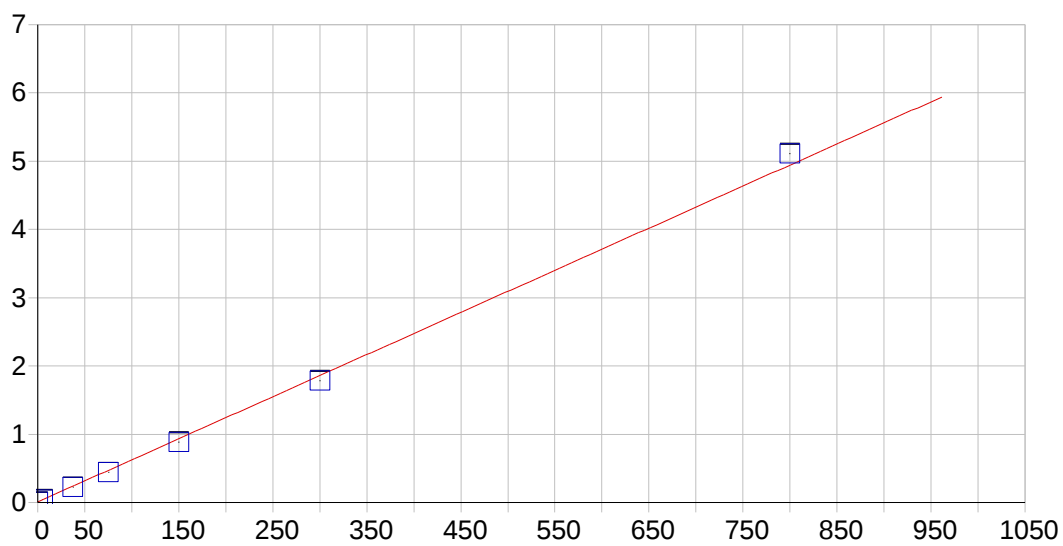
Ni 231.604 {446}

Date of Fit: 7/30/2018 21:27:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002882 Re-Slope: 1.000000
 A1 (Gain): 0.646913 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999928 Status: OK.
 Std Error of Est: 0.000184
 Predicted MDL: 0.000454
 Predicted MQL: 0.001513

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00289	.000	1
S1	.04000	.04675	.007	16.9	.02738	.000	1
S2	.62500	.62087	-.004	-.661	.39960	.002	1
S3	1.2500	1.2425	-.007	-.598	.80258	.004	1
S4	2.5000	2.4864	-.014	-.544	1.6089	.007	1
S5	5.0000	5.0185	.018	.369	3.2503	.009	1



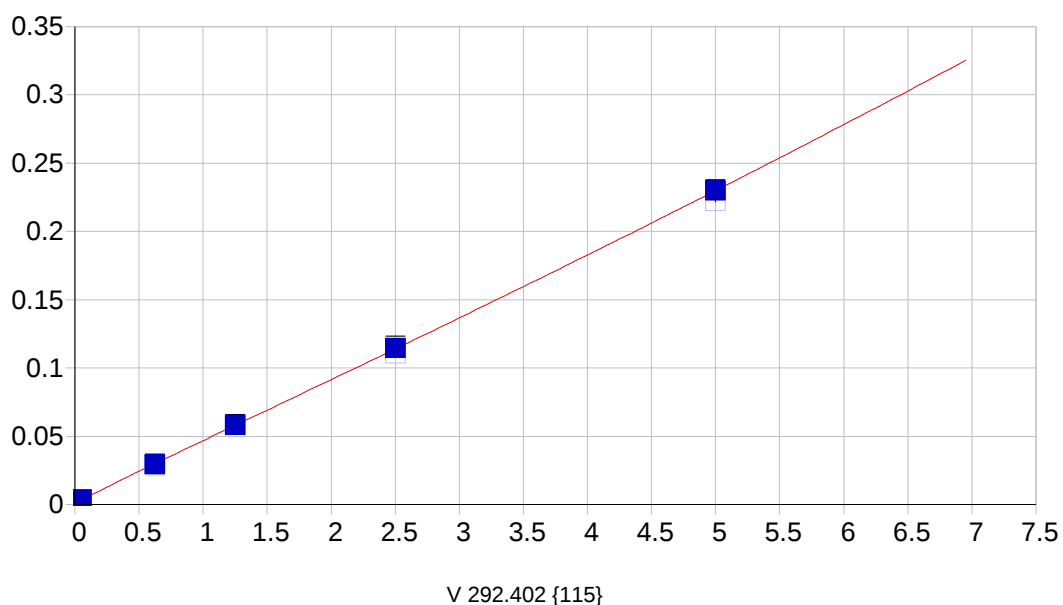


Na 818.326 { 41}

Date of Fit: 7/30/2018 21:27:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007737 Re-Slope: 1.000000
 A1 (Gain): 0.006171 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999122 Status: OK.
 Std Error of Est: 0.000800
 Predicted MDL: 0.425556
 Predicted MQL: 1.418521

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00026	.000	.000	.00774	.001	1
S1	5.0000	5.6566	.657	13.1	.04264	.003	1
S2	37.500	35.318	-2.18	-5.82	.22569	.003	1
S3	75.000	70.348	-4.65	-6.20	.44185	.002	1
S4	150.00	141.72	-8.28	-5.52	.88230	.006	1
S5	300.00	287.39	-12.6	-4.20	1.7812	.008	1
S6	800.00	827.07	27.1	3.38	5.1115	.006	1



Date of Fit: 7/30/2018 21:27:11

Type of Fit: Full Fit

Weighting: 1/Conc

A0 (Offset): 0.000435

Re-Slope: 1.000000

A1 (Gain): 0.045193

Y-int: 0.000000

A2 (Curvature): 0.001181

n (Exponent): 0.940000

Correlation: 0.999972

Status: Warning

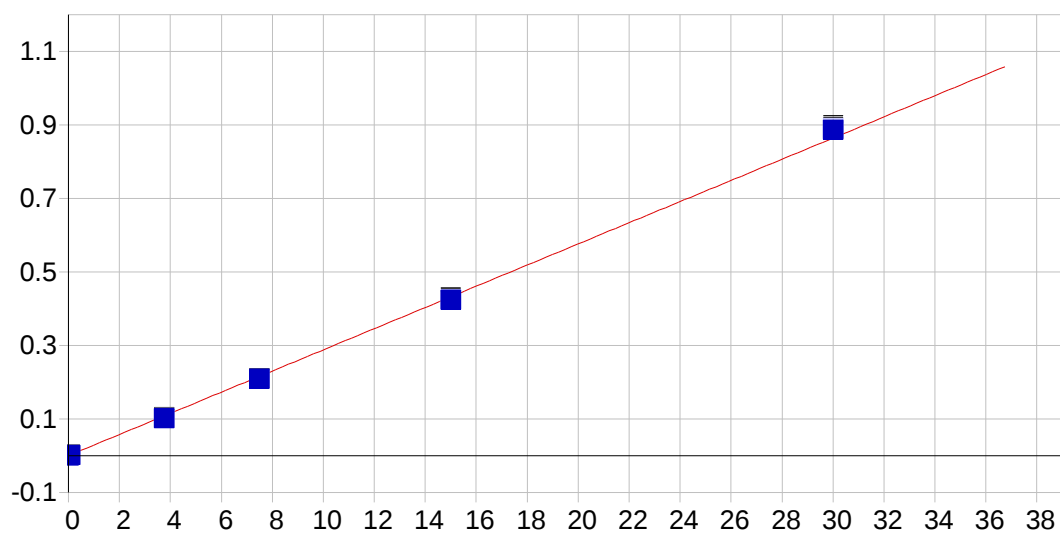
Positive Curvature

Std Error of Est: 0.000012

Predicted MDL: 0.008986

Predicted MQL: 0.029954

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00044	.000	1
S1	.05000	.05168	.002	3.36	.00323	.000	1
S2	.62500	.61057	-.014	-2.31	.02839	.000	1
S3	1.2500	1.2600	.010	.798	.05655	.000	1
S4	2.5000	2.5074	.007	.298	.11060	.002	1
S5	5.0000	4.9956	-.004	-.088	.22228	.001	1

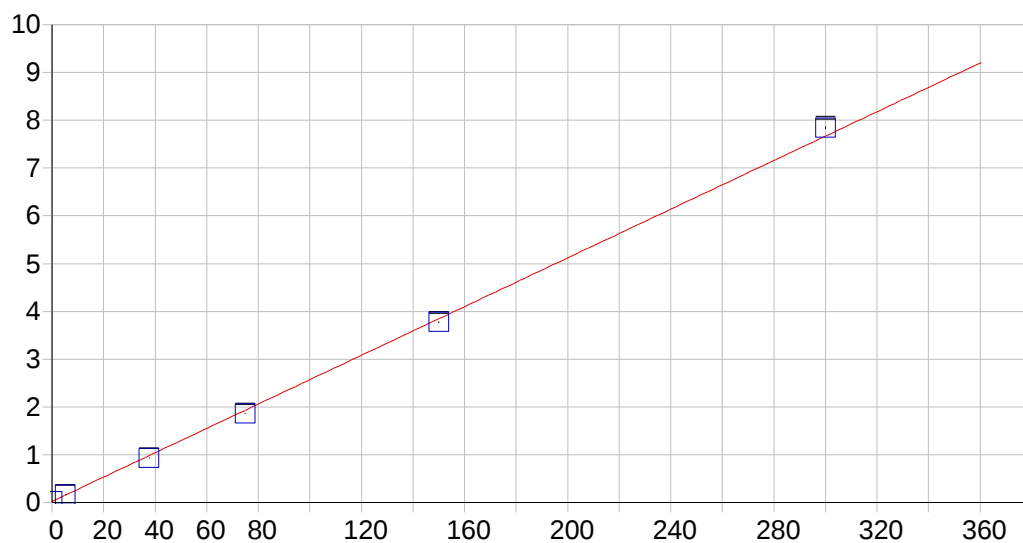


Zn 213.856 {158}

Date of Fit: 7/30/2018 21:27:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000017 Re-Slope: 1.000000
 A1 (Gain): 0.028811 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999577 Status: OK.
 Std Error of Est: 0.000060
 Predicted MDL: 0.013282
 Predicted MQL: 0.044275

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00002	.000	1
S1	.06000	.05581	-.004	-6.98	.00163	.000	1
S2	3.7500	3.5409	-.209	-5.58	.10254	.002	1
S3	7.5000	7.2296	-.270	-3.60	.20933	.001	1
S4	15.000	14.701	-.299	-1.99	.42560	.004	1
S5	30.000	30.783	.783	2.61	.89096	.008	1



K 769.896 { 44}

Date of Fit: 7/30/2018 21:27:11

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.021984

Re-Slope: 1.000000

A1 (Gain): 0.025488

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999615

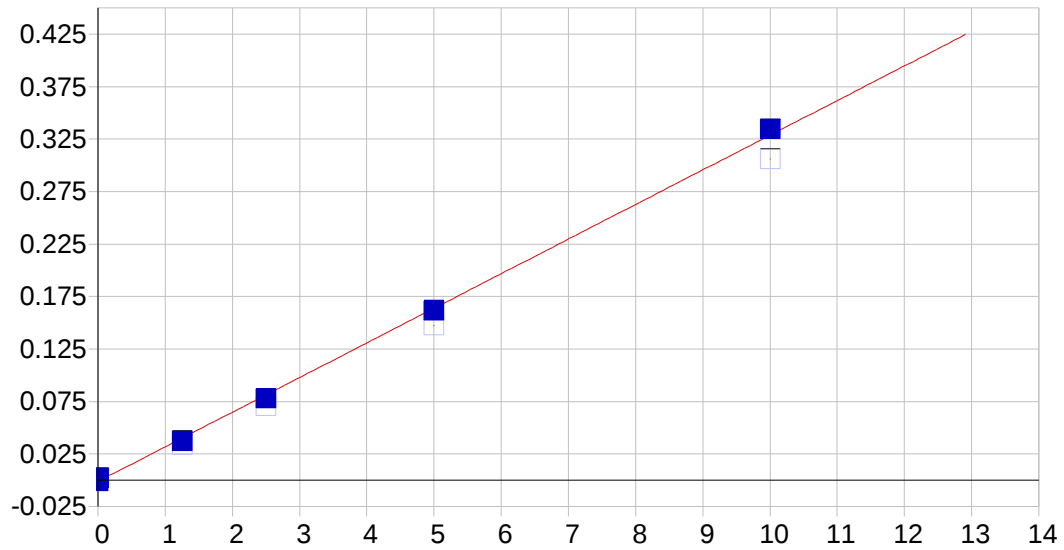
Status: OK.

Std Error of Est: 0.001458

Predicted MDL: 0.089182

Predicted MQL: 0.297274

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.02198	.001	1
S1	5.0000	5.3827	.383	7.65	.15917	.001	1
S2	37.500	35.653	-1.85	-4.93	.93068	.001	1
S3	75.000	72.225	-2.77	-3.70	1.8628	.009	1
S4	150.00	147.24	-2.76	-1.84	3.7748	.017	1
S5	300.00	307.00	7.00	2.33	7.8467	.029	1



P 177.495 {490}

Date of Fit: 7/30/2018 21:27:11

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001135

Re-Slope: 1.000000

A1 (Gain): 0.032981

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.974267

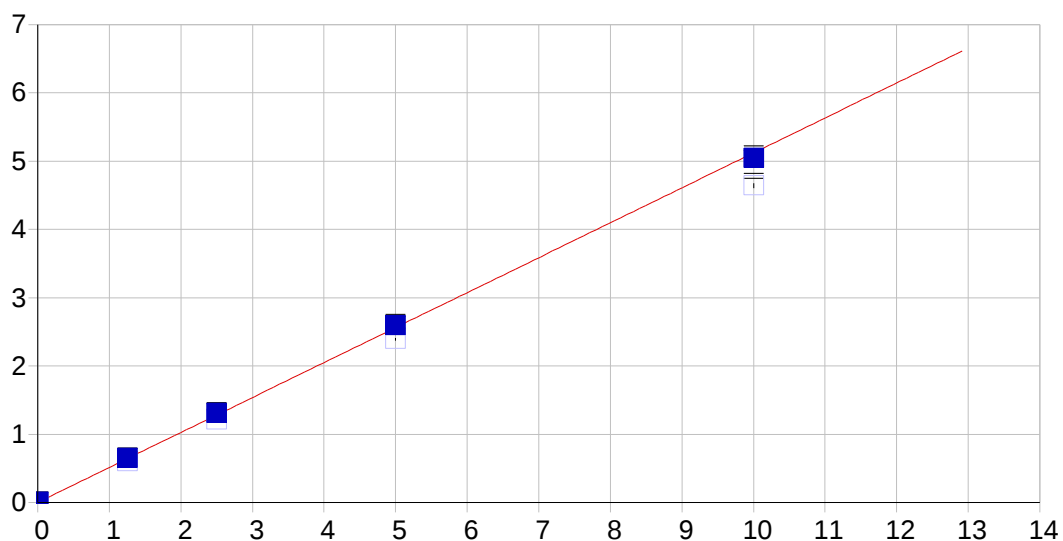
Status: OK.

Std Error of Est: 0.000117

Predicted MDL: 0.003169

Predicted MQL: 0.010563

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00009	.000	.000	-.00114	.000	1
S1	.01000	.10071	.091	907.	.00217	.000	1
S2	1.2500	1.1652	-.085	-6.78	.03374	.000	1
S3	2.5000	2.3899	-.110	-4.40	.07058	.000	1
S4	5.0000	4.9286	-.071	-1.43	.14719	.000	1
S5	10.000	10.173	.173	1.73	.30596	.000	1

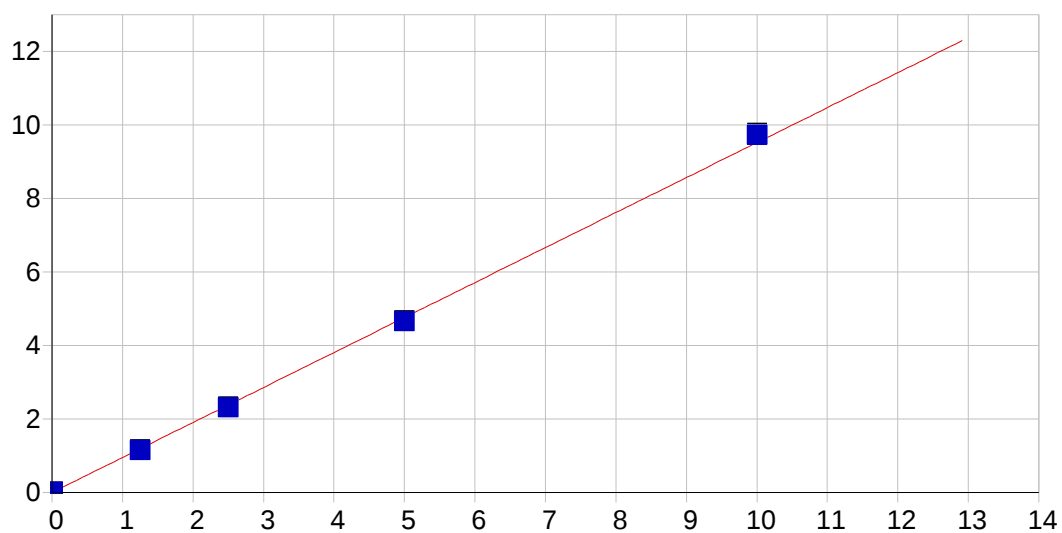


B 249.678 {135}

Date of Fit: 7/30/2018 21:27:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001824 Re-Slope: 1.000000
 A1 (Gain): 0.512008 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999852 Status: OK.
 Std Error of Est: 0.000136
 Predicted MDL: 0.001261
 Predicted MQL: 0.004203

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00182	.000	1
S1	.01000	.01091	.001	9.07	.00731	.001	1
S2	1.2500	1.2696	.020	1.57	.60117	.002	1
S3	2.5000	2.5593	.059	2.37	1.2108	.010	1
S4	5.0000	5.0647	.065	1.29	2.3922	.017	1
S5	10.000	9.8554	-.145	-1.45	4.6423	.035	1



Mo 202.030 {467}

Date of Fit: 7/30/2018 21:27:11

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000518

Re-Slope: 1.000000

A1 (Gain): 0.951906

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999718

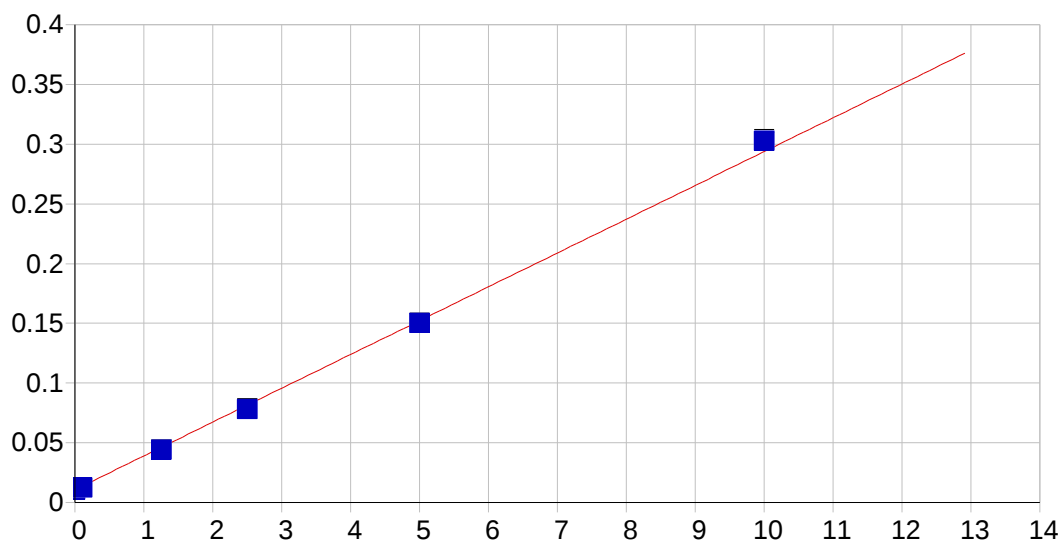
Status: OK.

Std Error of Est: 0.000379

Predicted MDL: 0.000291

Predicted MQL: 0.000969

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00052	.000	1
S1	.01000	.01145	.001	14.5	.01141	.000	1
S2	1.2500	1.2101	-.040	-3.19	1.1524	.006	1
S3	2.5000	2.4309	-.069	-2.76	2.3144	.009	1
S4	5.0000	4.8897	-.110	-2.21	4.6548	.014	1
S5	10.000	10.218	.218	2.18	9.7266	.043	1



S 182.034 {485}

Date of Fit: 7/30/2018 21:27:11

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.010715

Re-Slope: 1.000000

A1 (Gain): 0.028302

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999019

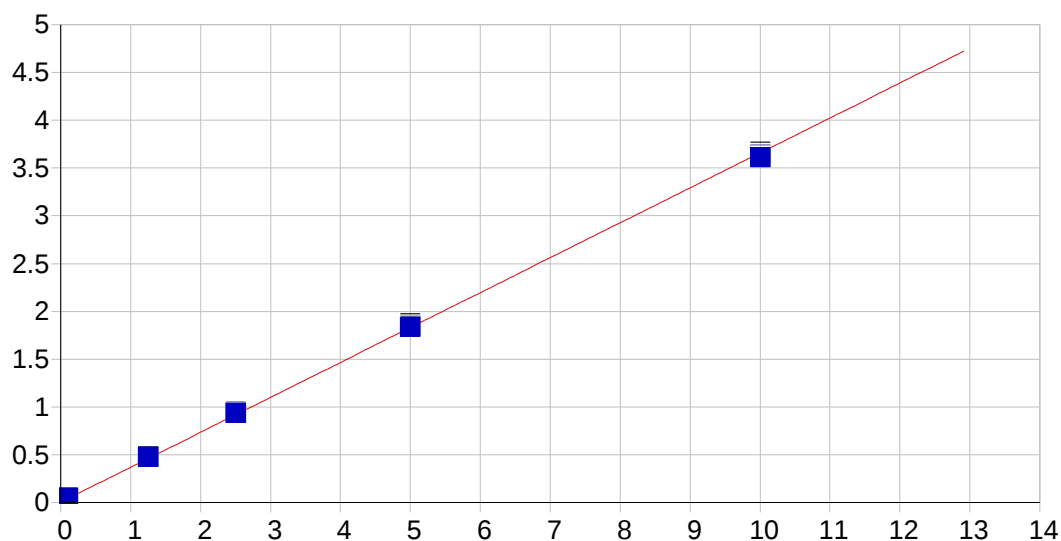
Status: OK.

Std Error of Est: 0.000067

Predicted MDL: 0.004609

Predicted MQL: 0.015364

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00005	.000	.000	.01072	.000	1
S1	.10000	.06160	-.038	-38.4	.01246	.000	1
S2	1.2500	1.1742	-.076	-6.06	.04396	.000	1
S3	2.5000	2.3754	-.125	-4.99	.07797	.001	1
S4	5.0000	4.9195	-.080	-1.61	.15000	.000	1
S5	10.000	10.319	.319	3.19	.30287	.001	1

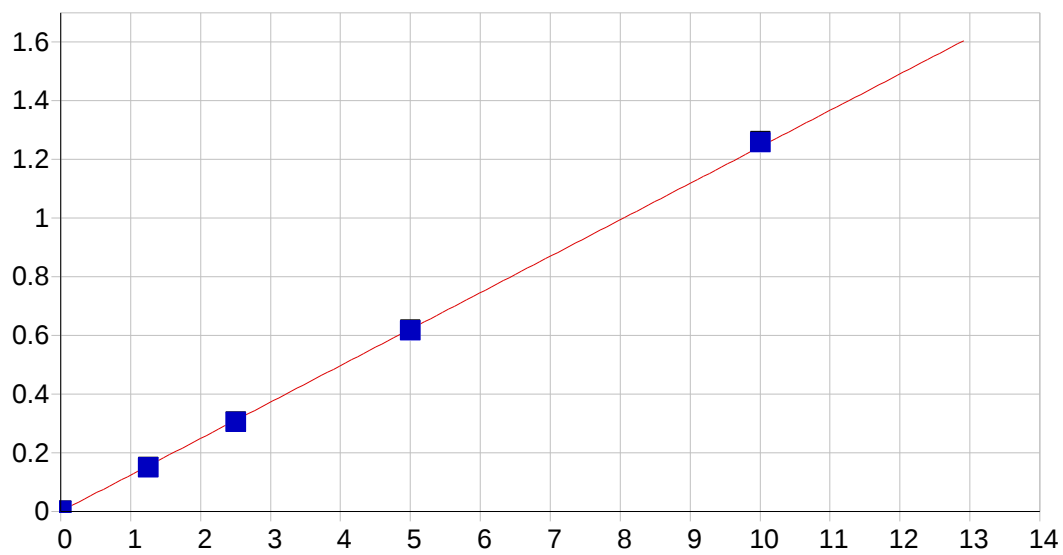


Si 251.611 {134}

Date of Fit: 7/30/2018 21:27:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003569 Re-Slope: 1.000000
 A1 (Gain): 0.365478 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999815 Status: OK.
 Std Error of Est: 0.000377
 Predicted MDL: 0.001559
 Predicted MQL: 0.005198

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00356	.000	1
S1	.10000	.11758	.018	17.6	.04667	.001	1
S2	1.2500	1.2910	.041	3.28	.47916	.003	1
S3	2.5000	2.5473	.047	1.89	.94204	.007	1
S4	5.0000	5.0228	.023	.456	1.8543	.015	1
S5	10.000	9.8713	-.129	-1.29	3.6413	.028	1

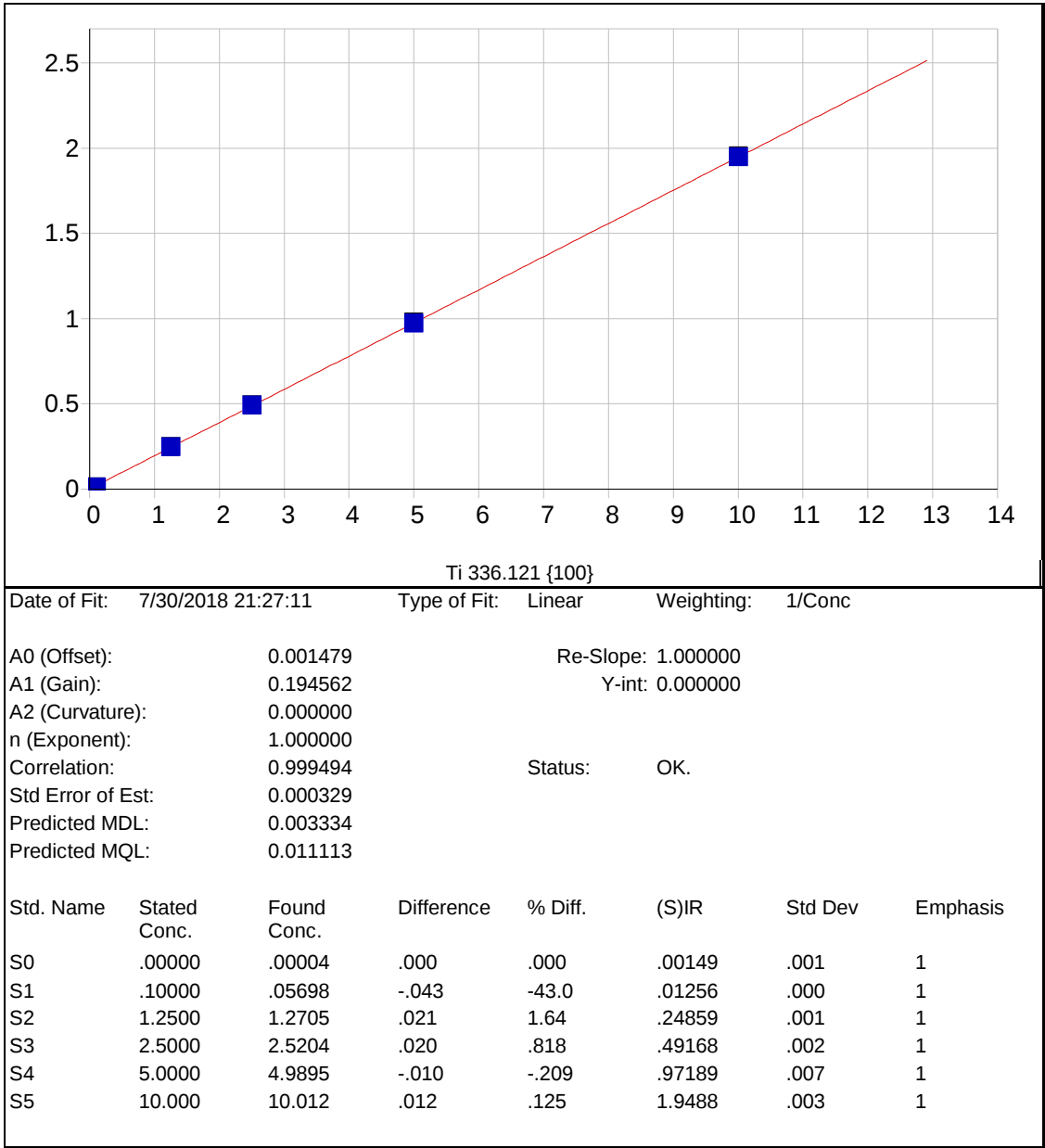


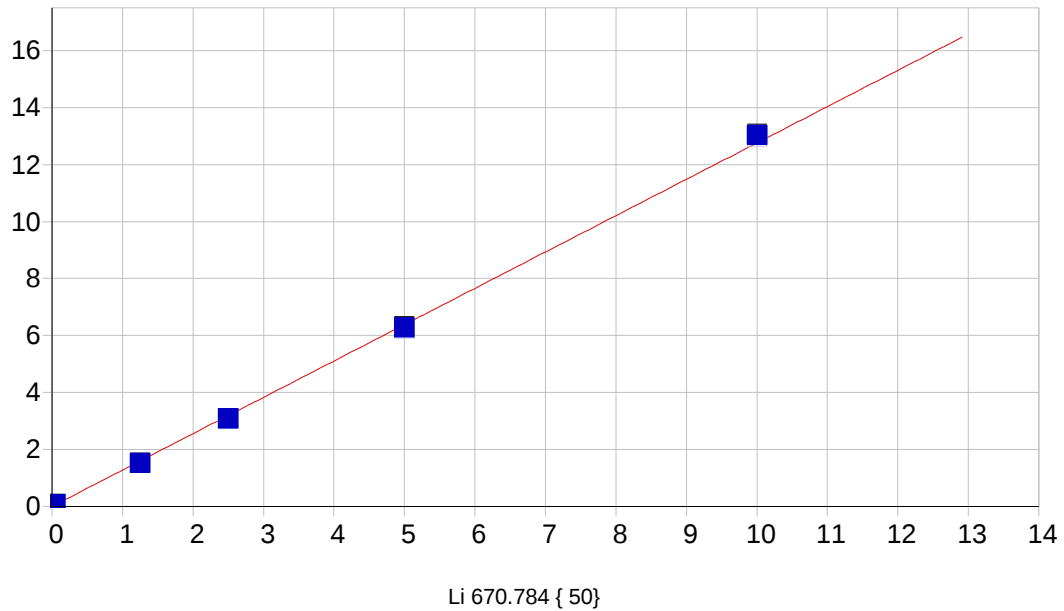
Sn 189.989 {478}

Date of Fit: 7/30/2018 21:27:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000179 Re-Slope: 1.000000
 A1 (Gain): 0.124292 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999873 Status: OK.
 Std Error of Est: 0.000028
 Predicted MDL: 0.001074
 Predicted MQL: 0.003579

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00018	.000	1
S1	.00700	.00857	.002	22.4	.00121	.000	1
S2	1.2500	1.2063	-.044	-3.49	.14978	.001	1
S3	2.5000	2.4493	-.051	-2.03	.30392	.002	1
S4	5.0000	4.9658	-.034	-.685	.61601	.002	1
S5	10.000	10.127	.127	1.27	1.2562	.004	1

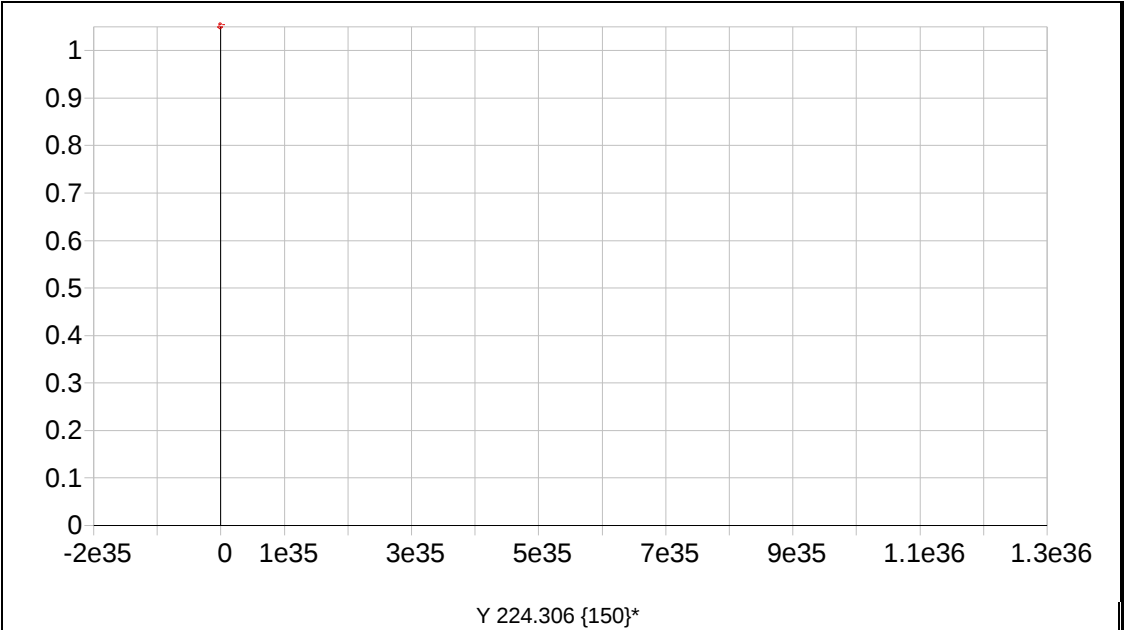




Date of Fit: 7/30/2018 21:27:11 Type of Fit: Linear Weighting: 1/Conc

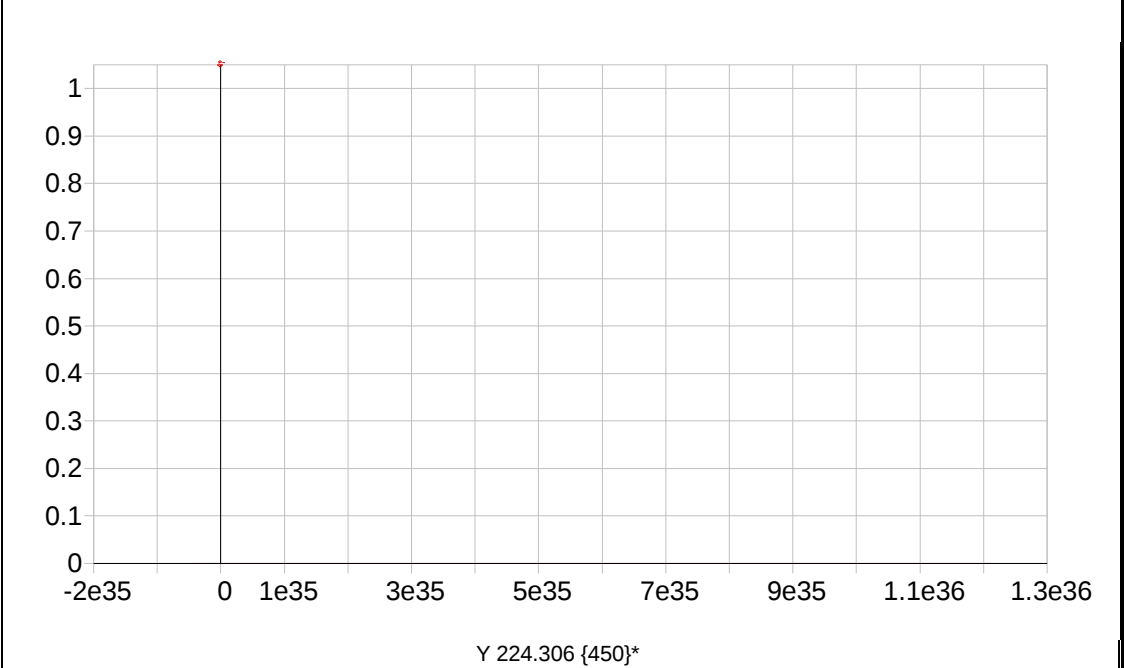
A0 (Offset): 0.004959 Re-Slope: 1.000000
 A1 (Gain): 1.275208 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999667 Status: OK.
 Std Error of Est: 0.001229
 Predicted MDL: 0.002080
 Predicted MQL: 0.006933

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00496	.003	1
S5	10.000	10.220	.220	2.20	12.966	.041	1
S4	5.0000	4.9224	-.078	-1.55	6.2462	.023	1
S3	2.5000	2.4107	-.089	-3.57	3.0611	.005	1
S2	1.2500	1.1919	-.058	-4.65	1.5159	.006	1
S1	.05000	.05474	.005	9.49	.07464	.003	1

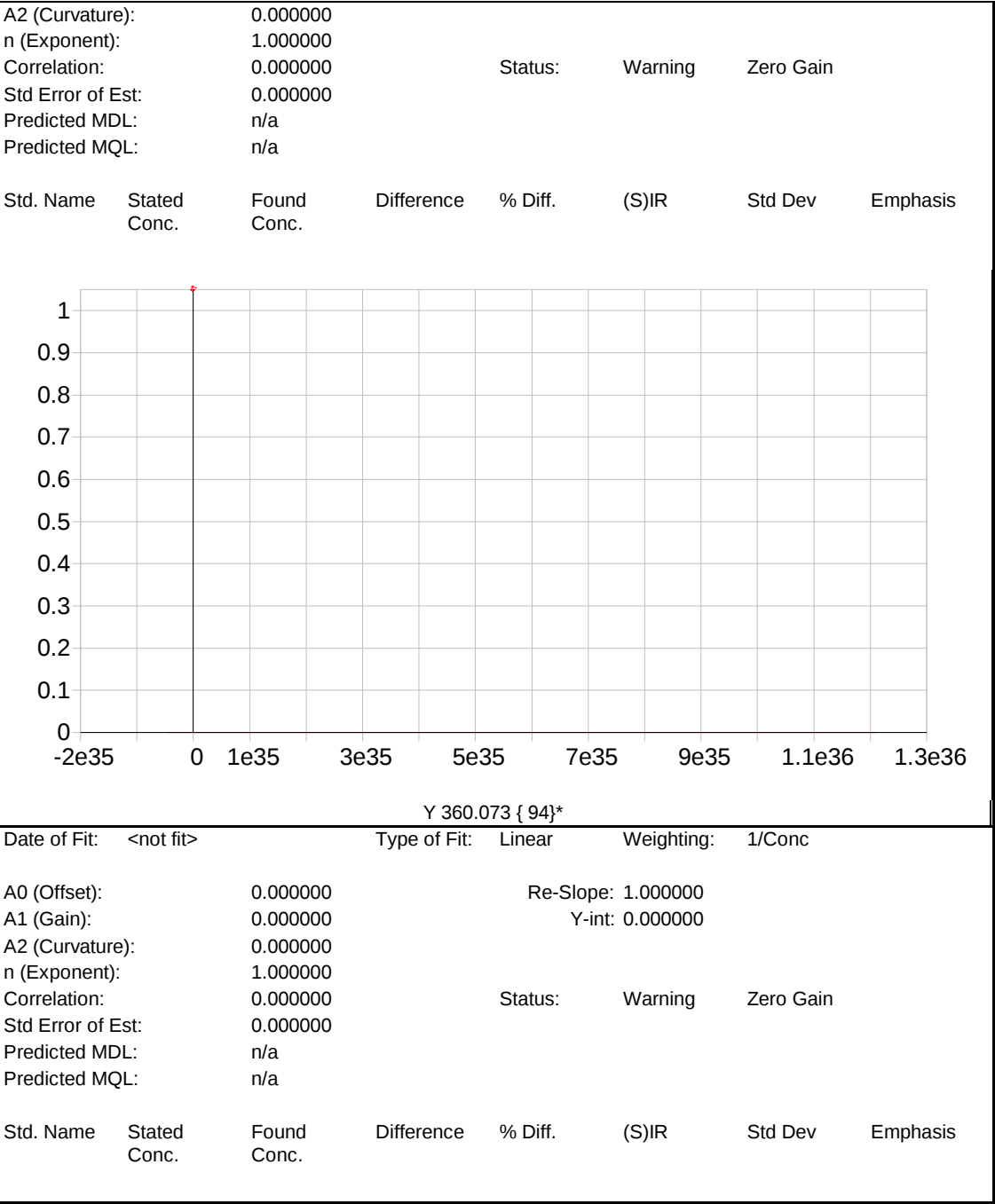


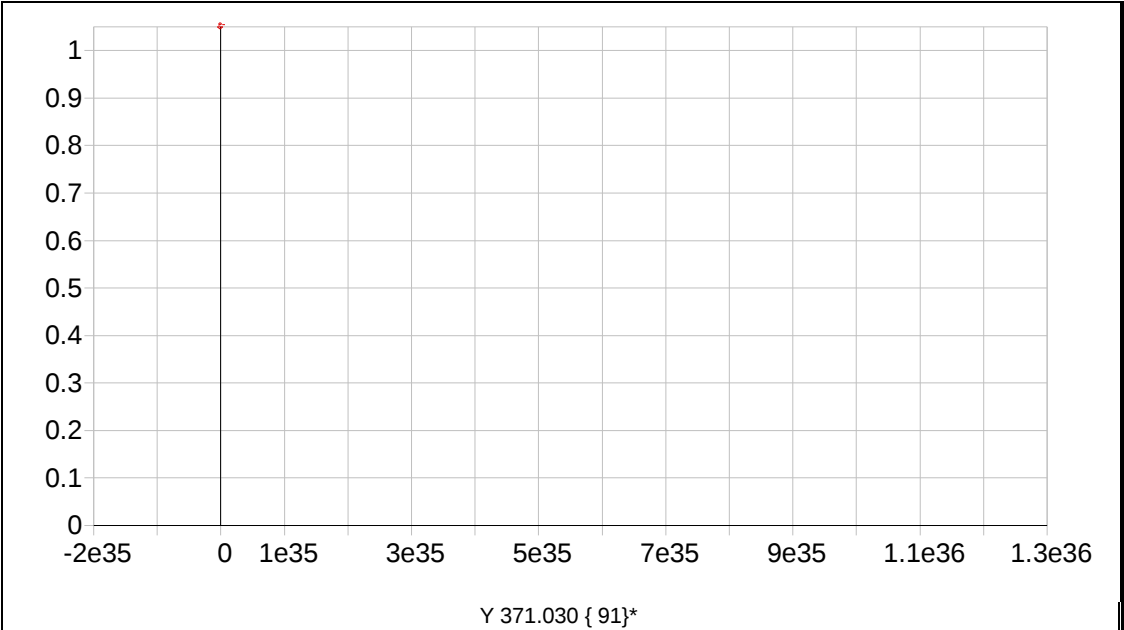
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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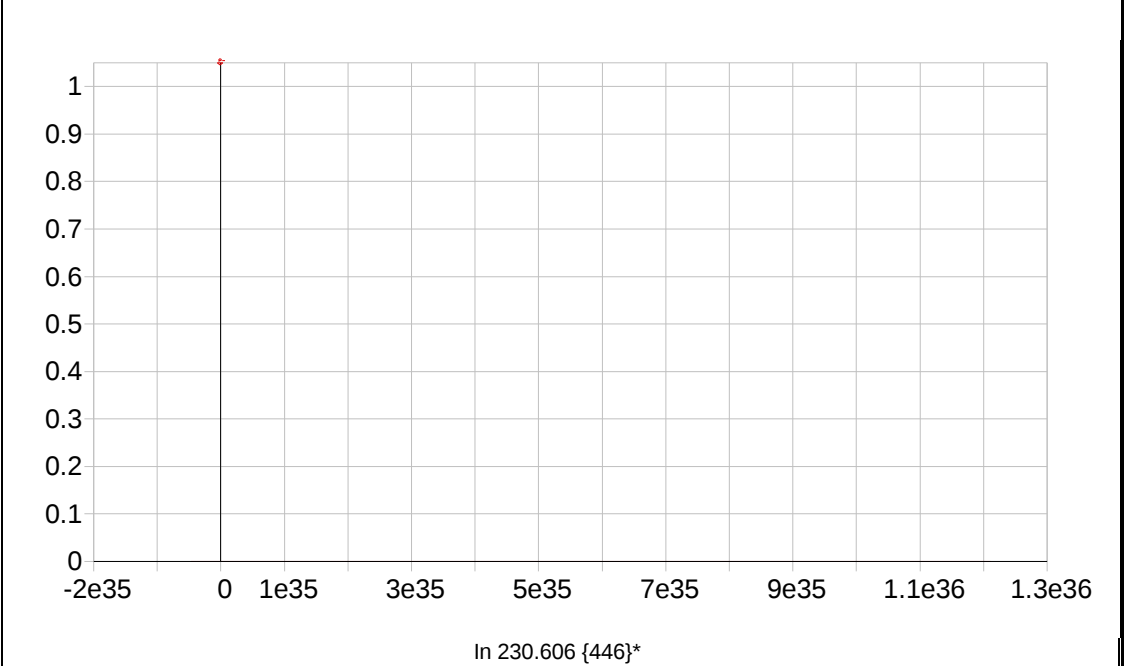
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



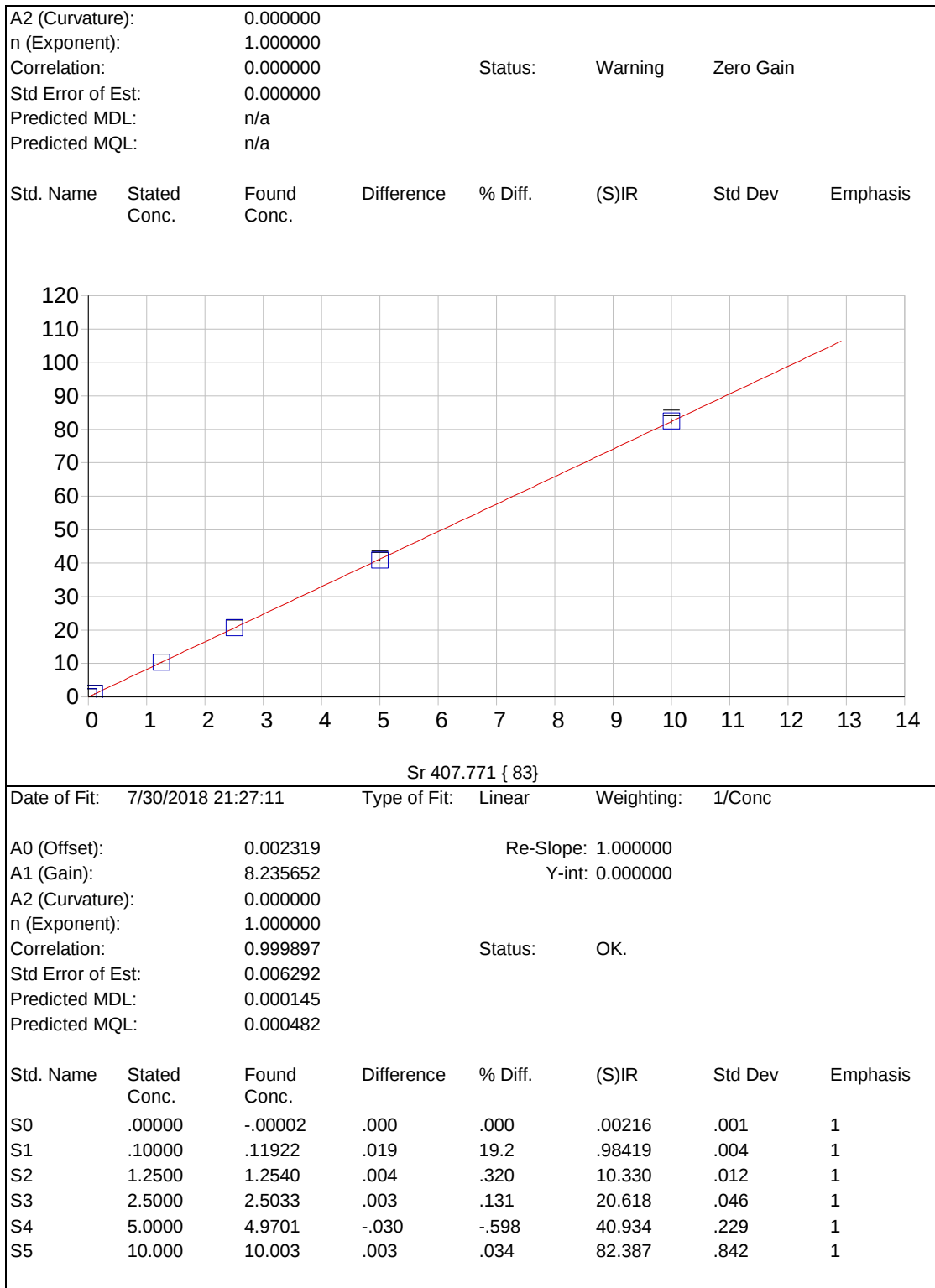


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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: 7/30/2018 18:17:40 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) 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	-.00031	-.00042	.00014	.00018	.00062	.00546	.02355	-.00146
Stddev	.00007	.00010	.00010	.00024	.00035	.00081	.00132	.00009
%RSD	23.249	22.968	74.185	132.59	56.634	14.775	5.5885	6.3819

#1	-.00037	-.00052	.00025	-.00003	.00023	.00499	.02428	-.00156
#2	-.00023	-.00032	.00005	.00013	.00071	.00501	.02433	-.00145
#3	-.00032	-.00043	.00011	.00044	.00092	.00640	.02203	-.00138

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	.00089	.00103	.00005	-.00013	.00113	.00001	-.00006	-.00031
Stddev	.00008	.00030	.00004	.00009	.00049	.00035	.00030	.00027
%RSD	8.8489	28.866	67.633	70.488	43.248	2601.6	482.42	88.810

#1	.00089	.00090	.00009	-.00022	.00138	-.00033	.00028	.00000
#2	.00082	.00082	.00003	-.00013	.00143	.00001	-.00022	-.00052
#3	.00098	.00137	.00003	-.00004	.00056	.00036	-.00025	-.00039

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	-.00289	-.00126	.00774	.00044	.00002	.02198	-.00114	.00182
Stddev	.00034	.00005	.00096	.00007	.00039	.00098	.00004	.00007
%RSD	11.643	4.2135	12.439	17.165	2217.8	4.4564	3.3211	3.6664

#1	-.00323	-.00131	.00885	.00035	.00039	.02306	-.00110	.00186
#2	-.00256	-.00121	.00724	.00049	-.00039	.02174	-.00115	.00186
#3	-.00287	-.00126	.00713	.00046	.00005	.02115	-.00117	.00175

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	.00052	.01072	.00356	.00018	.00149	.00496	.00216	
Stddev	.00013	.00008	.00027	.00013	.00070	.00328	.00101	
%RSD	25.401	.74435	7.6184	72.638	47.241	66.191	46.568	

#1	.00059	.01063	.00387	.00006	.00118	.00758	.00112	
#2	.00037	.01075	.00344	.00032	.00229	.00601	.00224	
#3	.00059	.01077	.00337	.00017	.00099	.00128	.00313	

Sample Name: S0 Acquired: 7/30/2018 18:17:40 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) 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	2025.6	2414.8	46380.	4864.2	3430.3
Stddev	16.3	5.6	183.	21.2	10.9
%RSD	.80289	.23378	.39385	.43652	.31729
#1	2008.6	2408.6	46320.	4887.8	3429.6
#2	2027.2	2419.6	46234.	4858.1	3441.6
#3	2041.0	2416.3	46585.	4846.6	3419.8

Sample Name: S1 Acquired: 7/30/2018 18:21:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) 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	.00019	.00105	.00171	.00320	.01279	.02038	.80630	.04317
Stddev	.00011	.00003	.00020	.00013	.00017	.00137	.00118	.00049
%RSD	55.854	2.8721	11.455	3.9933	1.3038	6.7415	.14602	1.1301

#1	.00032	.00106	.00148	.00333	.01274	.02194	.80547	.04327
#2	.00014	.00108	.00182	.00321	.01298	.01934	.80578	.04360
#3	.00012	.00102	.00181	.00307	.01266	.01986	.80765	.04264

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	.01833	.21368	.00188	.04743	.00452	.00192	.00352	.03565
Stddev	.00023	.00181	.00004	.00010	.00009	.00039	.00002	.00077
%RSD	1.2687	.84736	2.1754	.22078	1.9475	20.291	.53402	2.1663

#1	.01859	.21518	.00192	.04732	.00459	.00206	.00354	.03617
#2	.01828	.21167	.00187	.04745	.00442	.00222	.00351	.03476
#3	.01813	.21420	.00184	.04753	.00455	.00148	.00351	.03601

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	.02738	.00118	.04264	.00323	.00163	.15917	.00217	.00731
Stddev	.00006	.00008	.00312	.00038	.00048	.00051	.00003	.00077
%RSD	.20617	6.4957	7.3198	11.837	29.114	.31773	1.3596	10.553

#1	.02733	.00126	.04611	.00353	.00115	.15958	.00214	.00813
#2	.02737	.00113	.04176	.00280	.00165	.15861	.00220	.00660
#3	.02744	.00114	.04006	.00335	.00210	.15934	.00216	.00718

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	.01141	.01246	.04667	.00121	.01256	.07464	.98419	
Stddev	.00032	.00006	.00095	.00008	.00018	.00329	.00413	
%RSD	2.8460	.47221	2.0425	6.7601	1.4347	4.4079	.41984	

#1	.01179	.01241	.04668	.00125	.01236	.07422	.98772	
#2	.01124	.01244	.04571	.00126	.01271	.07812	.97965	
#3	.01121	.01252	.04762	.00112	.01261	.07158	.98521	

Sample Name: S1 Acquired: 7/30/2018 18:21:49 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) 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	2019.3	2416.9	46142.	4927.6	3451.0
Stddev	19.1	1.1	228.	48.5	2.7
%RSD	.94781	.04424	.49431	.98414	.07824
#1	2005.4	2418.0	46150.	4923.5	3450.0
#2	2041.1	2415.9	46366.	4978.1	3454.1
#3	2011.3	2416.6	45910.	4881.3	3448.9

Sample Name: S2 Acquired: 7/30/2018 18:25:59 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) 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	.04217	.06903	.94328	.08754	.21318	2.5145	8.2588	.88895
Stddev	.00022	.00029	.00340	.00034	.00032	.0021	.0154	.00491
%RSD	.51513	.41810	.36045	.39130	.14856	.08365	.18642	.55228

#1	.04196	.06906	.94233	.08768	.21310	2.5143	8.2659	.88539
#2	.04239	.06873	.94046	.08715	.21291	2.5126	8.2412	.88690
#3	.04217	.06931	.94706	.08779	.21353	2.5168	8.2694	.89455

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	1.8147	2.3067	.58118	.51388	.34856	.53329	.65758	.37688
Stddev	.0074	.0071	.00075	.00268	.00111	.00222	.00105	.00118
%RSD	.41009	.30893	.12860	.52062	.31734	.41548	.15931	.31346

#1	1.8126	2.3005	.58073	.51383	.34968	.53190	.65743	.37690
#2	1.8085	2.3052	.58205	.51122	.34854	.53212	.65661	.37568
#3	1.8230	2.3145	.58077	.51657	.34747	.53585	.65869	.37804

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	.39960	.06284	.22569	.02839	.10254	.93068	.03374	.60117
Stddev	.00233	.00029	.00332	.00046	.00241	.00085	.00017	.00211
%RSD	.58386	.46303	1.4697	1.6052	2.3548	.09093	.50002	.35084

#1	.39852	.06251	.22188	.02788	.10012	.93166	.03365	.59943
#2	.39800	.06305	.22793	.02856	.10495	.93014	.03363	.60057
#3	.40227	.06296	.22726	.02874	.10256	.93025	.03393	.60351

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	1.1524	.04396	.47916	.14978	.24859	1.5159	10.330	
Stddev	.0056	.00025	.00253	.00061	.00073	.0056	.012	
%RSD	.48126	.56308	.52861	.40887	.29428	.36728	.12069	

#1	1.1505	.04389	.47764	.14931	.24940	1.5170	10.339	
#2	1.1480	.04375	.47776	.14955	.24799	1.5098	10.316	
#3	1.1586	.04423	.48209	.15047	.24837	1.5207	10.335	

Sample Name: S2 Acquired: 7/30/2018 18:25:59 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) 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	1944.4	2307.8	44877.	4850.7	3188.4
Stddev	4.9	4.7	153.	20.4	9.2
%RSD	.25171	.20208	.34098	.42080	.29008
#1	1941.6	2312.7	44823.	4839.4	3193.8
#2	1941.6	2307.0	44758.	4874.2	3193.7
#3	1950.1	2303.5	45049.	4838.4	3177.7

Sample Name: S3 Acquired: 7/30/2018 18:29:55 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) 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	.08558	.13824	1.8962	.17424	.42624	5.0221	16.467	1.7688
Stddev	.00044	.00068	.0097	.00078	.00106	.0032	.024	.0090
%RSD	.51606	.49000	.51043	.44666	.24937	.06302	.14604	.50767

#1	.08578	.13850	1.8909	.17385	.42558	5.0194	16.489	1.7636
#2	.08508	.13747	1.8904	.17374	.42567	5.0256	16.469	1.7637
#3	.08589	.13875	1.9074	.17514	.42747	5.0213	16.441	1.7792

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	3.6382	4.5662	1.1472	1.0370	.68821	1.0503	1.2973	.75230
Stddev	.0219	.0071	.0003	.0063	.00067	.0008	.0006	.00297
%RSD	.60148	.15605	.02356	.60334	.09759	.07101	.04460	.39525

#1	3.6230	4.5684	1.1473	1.0322	.68882	1.0495	1.2979	.74953
#2	3.6283	4.5719	1.1469	1.0347	.68749	1.0505	1.2970	.75192
#3	3.6633	4.5582	1.1474	1.0441	.68832	1.0509	1.2969	.75544

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	.80258	.12790	.44185	.05655	.20933	1.8628	.07058	1.2108
Stddev	.00430	.00044	.00205	.00023	.00094	.0094	.00043	.0097
%RSD	.53526	.34342	.46479	.39866	.44752	.50499	.61519	.80043

#1	.80019	.12832	.44017	.05646	.21032	1.8615	.07059	1.2027
#2	.80002	.12744	.44125	.05681	.20846	1.8542	.07014	1.2082
#3	.80754	.12794	.44414	.05639	.20921	1.8728	.07100	1.2215

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	2.3144	.07797	.94204	.30392	.49168	3.0611	20.618	
Stddev	.0092	.00051	.00686	.00167	.00216	.0051	.046	
%RSD	.39902	.65501	.72819	.55015	.44027	.16534	.22409	

#1	2.3084	.07815	.93812	.30359	.49406	3.0638	20.665	
#2	2.3098	.07739	.93804	.30244	.49114	3.0643	20.617	
#3	2.3250	.07836	.94996	.30573	.48984	3.0553	20.573	

Sample Name: S3 Acquired: 7/30/2018 18:29:55 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) 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	1878.3	2228.7	43955.	4789.7	3036.9
Stddev	11.5	7.9	350.	26.5	14.5
%RSD	.61463	.35449	.79516	.55299	.47744
#1	1865.0	2235.9	43552.	4795.5	3048.4
#2	1886.0	2229.9	44148.	4812.8	3041.6
#3	1883.9	2220.2	44167.	4760.8	3020.6

Sample Name: S4 Acquired: 7/30/2018 18:33:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) 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	.17410	.27282	3.8320	.34417	.86488	10.157	32.999	3.4869
Stddev	.00156	.00088	.0128	.00129	.00429	.059	.140	.0316
%RSD	.89515	.32096	.33497	.37347	.49565	.58216	.42290	.90642

#1	.17415	.27252	3.8277	.34454	.86354	10.223	33.127	3.5100
#2	.17251	.27213	3.8219	.34274	.86142	10.110	33.020	3.4998
#3	.17563	.27380	3.8464	.34523	.86967	10.136	32.851	3.4509

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	7.2848	9.0517	2.2534	2.0870	1.3626	2.0611	2.5438	1.5107
Stddev	.0282	.0253	.0032	.0117	.0075	.0084	.0057	.0047
%RSD	.38751	.27892	.14120	.56264	.55191	.40848	.22480	.31419

#1	7.2788	9.0641	2.2548	2.0842	1.3691	2.0631	2.5447	1.5122
#2	7.2601	9.0683	2.2498	2.0768	1.3643	2.0683	2.5490	1.5146
#3	7.3156	9.0226	2.2556	2.0998	1.3544	2.0518	2.5377	1.5054

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	1.6089	.25950	.88230	.11060	.42560	3.7748	.14719	2.3922
Stddev	.0072	.00056	.00641	.00188	.00379	.0174	.00041	.0175
%RSD	.44726	.21622	.72641	1.7023	.89148	.46178	.27541	.72989

#1	1.6069	.25931	.88947	.11117	.42757	3.7917	.14674	2.4067
#2	1.6029	.26013	.87713	.10850	.42123	3.7756	.14731	2.3972
#3	1.6169	.25906	.88030	.11213	.42801	3.7569	.14753	2.3728

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	4.6548	.15000	1.8543	.61601	.97189	6.2462	40.934	
Stddev	.0144	.00016	.0151	.00237	.00705	.0234	.229	
%RSD	.31035	.10848	.81378	.38513	.72548	.37476	.56019	

#1	4.6548	.15017	1.8638	.61686	.97961	6.2700	41.119	
#2	4.6404	.14997	1.8621	.61333	.96579	6.2455	41.006	
#3	4.6693	.14985	1.8369	.61785	.97027	6.2232	40.678	

Sample Name: S4 Acquired: 7/30/2018 18:33:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) 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	1823.4	2141.3	43528.	4808.3	2879.4
Stddev	5.9	8.3	86.	26.2	10.1
%RSD	.32436	.38977	.19753	.54483	.35003
#1	1819.1	2140.9	43615.	4783.0	2877.9
#2	1830.2	2149.9	43527.	4806.5	2890.1
#3	1821.1	2133.2	43443.	4835.3	2870.1

Sample Name: S5 Acquired: 7/30/2018 18:37:36 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) 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	.37073	.53796	7.8240	.71003	1.8443	20.881	66.435	6.8833
Stddev	.00186	.00165	.0260	.00380	.0065	.046	.068	.0447
%RSD	.50215	.30663	.33285	.53549	.35162	.22065	.10171	.64933

#1	.37080	.53685	7.8119	.70748	1.8399	20.828	66.482	6.8597
#2	.36884	.53716	7.8062	.70822	1.8413	20.910	66.357	6.9348
#3	.37256	.53985	7.8539	.71440	1.8517	20.905	66.464	6.8552

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	14.659	18.109	4.4686	4.2260	2.7353	4.0728	5.0358	3.0786
Stddev	.032	.015	.0131	.0089	.0062	.0060	.0145	.0070
%RSD	.21928	.08348	.29278	.21096	.22808	.14706	.28771	.22892

#1	14.655	18.094	4.4585	4.2282	2.7283	4.0706	5.0286	3.0758
#2	14.629	18.125	4.4641	4.2161	2.7402	4.0795	5.0525	3.0866
#3	14.693	18.108	4.4834	4.2336	2.7374	4.0681	5.0264	3.0733

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	3.2503	.53493	1.7812	.22228	.89096	7.8467	.30596	4.6423
Stddev	.0091	.00060	.0085	.00096	.00758	.0292	.00029	.0349
%RSD	.27875	.11282	.47564	.43039	.85079	.37186	.09404	.75198

#1	3.2439	.53451	1.7722	.22166	.89971	7.8138	.30563	4.6213
#2	3.2463	.53562	1.7824	.22339	.88685	7.8566	.30604	4.6826
#3	3.2606	.53465	1.7890	.22181	.88633	7.8696	.30619	4.6231

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	9.7266	.30287	3.6413	1.2562	1.9488	12.966	82.387	
Stddev	.0429	.00093	.0280	.0035	.0032	.041	.842	
%RSD	.44093	.30689	.76802	.27959	.16283	.31669	1.0222	

#1	9.7073	.30272	3.6223	1.2548	1.9456	12.928	81.460	
#2	9.6967	.30203	3.6734	1.2535	1.9519	12.961	83.105	
#3	9.7757	.30387	3.6282	1.2601	1.9489	13.010	82.595	

Sample Name: S5 Acquired: 7/30/2018 18:37:36 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) 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	1677.3	1932.3	41125.	4671.0	2637.2
Stddev	5.0	6.8	104.	27.9	4.2
%RSD	.30014	.35247	.25326	.59747	.16042
#1	1671.5	1933.5	41142.	4699.0	2636.6
#2	1680.1	1938.4	41219.	4643.2	2641.7
#3	1680.3	1925.0	41013.	4670.9	2633.3

Sample Name: S6 Acquired: 7/30/2018 18:41:32 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) 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	56.744	28.626	10.891	5.1466	5.1115
Stddev	.098	.050	.056	.0181	.0055
%RSD	.17183	.17584	.51209	.35264	.10777

#1	56.813	28.682	10.953	5.1662	5.1170
#2	56.787	28.584	10.845	5.1304	5.1060
#3	56.632	28.612	10.874	5.1433	5.1117

Int. Std.	Y_3710
Units	Cts/S
Avg	4606.3
Stddev	15.2
%RSD	.32962

#1	4589.2
#2	4618.3
#3	4611.5

Sample Name: ICV Acquired: 7/30/2018 19:02:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) 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	1.015463	1.095460	1.006158	1.022640	.9608927	2.396739
Stddev	.003218	.003281	.003465	.007921	.0031336	.030093
%RSD	.3168547	.2994932	.3443678	.7745440	.3261108	1.255576

#1	1.014119	1.091698	1.002393	1.029709	.9615962	2.431313
#2	1.013135	1.097724	1.009213	1.014080	.9574672	2.376449
#3	1.019134	1.096958	1.006867	1.024132	.9636148	2.382453

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5274837	.5252564	.5071241	10.38722	.5323647	.5029498
Stddev	.0010325	.0033929	.0020374	.05385	.0011308	.0014634
%RSD	.1957404	.6459474	.4017601	.5184227	.2124061	.2909610

#1	.5282954	.5291672	.5062950	10.38186	.5315742	.5024118
#2	.5278342	.5235038	.5056319	10.44355	.5318599	.5018316
#3	.5263216	.5230984	.5094453	10.33625	.5336599	.5046060

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4871003	4.996033	.4847338	5.855409	.5202151	.5073539
Stddev	.0037880	.030213	.0050188	.052516	.0015366	.0050082
%RSD	.7776673	.6047407	1.035372	.8968881	.2953769	.9871147

#1	.4879771	4.968552	.4795786	5.840602	.5203346	.5131269
#2	.4903730	5.028386	.4896040	5.913739	.5186222	.5041743
#3	.4829508	4.991162	.4850188	5.811885	.5216884	.5047605

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.305571	.5290370	.9821084	9.464423	F .0127730	F .0071838
Stddev	.033319	.0115148	.0328954	.070738	.0032047	.0005232
%RSD	.3580574	2.176557	3.349469	.7474135	25.08954	7.283357

#1	9.276311	.5178799	1.017500	9.531300	.0092457	.0070937
#2	9.341836	.5283522	.952467	9.390370	.0155054	.0067115
#3	9.298566	.5408789	.976359	9.471599	.0135679	.0077463

Sample Name: ICV Acquired: 7/30/2018 19:02:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) 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 .0001142	-.209187	.0046874	F -.000336	-.001021	.0036537
Stddev	.0000911	.003035	.0005256	.001119	.001822	.0021989
%RSD	79.74175	1.451064	11.21351	333.0455	178.3347	60.18176

#1	.0000852	-.210236	.0052122	.000580	.000047	.0014223
#2	.0000412	-.211559	.0046890	-.000004	-.003125	.0037204
#3	.0002163	-.205766	.0041609	-.001583	.000014	.0058185

Elem	Sr4077
Units	ppm
Avg	.0118470
Stddev	.0001213
%RSD	1.023926

#1	.0118284
#2	.0117360
#3	.0119765

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2040.957	2413.576	46463.44	4922.297	3433.933
Stddev	15.577	5.566	188.44	24.978	9.163
%RSD	.7632047	.2306137	.4055722	.5074510	.2668366

#1	2023.116	2414.109	46274.09	4930.114	3432.798
#2	2047.906	2418.856	46465.26	4894.346	3443.611
#3	2051.851	2407.763	46650.96	4942.433	3425.391

Sample Name: ICB Acquired: 7/30/2018 19:10:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) 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	.0017438	-.000179	-.001036	.0017867	-.000025	-.014239	-.000315
Stddev	.0003280	.002344	.002772	.0044064	.000661	.007235	.000794
%RSD	18.81107	1312.548	267.7182	246.6178	2658.250	50.80946	252.1324

#1	.0014313	-.001898	.001641	-.001904	-.000398	-.022169	-.001076
#2	.0020854	-.001129	-.003895	.000599	.000739	-.012554	.000509
#3	.0017148	.002491	-.000852	.006665	-.000415	-.007996	-.000378

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000006	-.000119	.0035968	.0000570	-.000132	.0030464	.0176845
Stddev	.000076	.000018	.0122765	.0003566	.000361	.0026714	.0182716
%RSD	1294.884	15.48399	341.3214	625.6268	274.0894	87.69065	103.3199

#1	.000036	-.000117	-.010571	.0001197	.000163	.0010929	-.002442
#2	-.000094	-.000102	.011088	.0003781	-.000534	.0060906	.033228
#3	.000041	-.000138	.010274	-.000327	-.000024	.0019557	.022267

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000267	.0385237	.0009321	.0004647	-.234613	-.003701	-.016163
Stddev	.0008717	.0664235	.0000278	.0002418	.337001	.004933	.008789
%RSD	3265.666	172.4223	2.986537	52.04622	143.6412	133.2925	54.38008

#1	.0006464	.0113218	.0009503	.0007203	-.398195	-.007167	-.021967
#2	.0004037	.1142304	.0009459	.0002395	-.458600	.001947	-.020471
#3	-.000970	-.009981	.0009000	.0004342	.152956	-.005884	-.006051

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.034878	.0014211	.0014007	.0001333	-.214100	.0011353	.0009551
Stddev	.029775	.0038600	.0010036	.0001227	.004007	.0017470	.0009312
%RSD	85.36967	271.6162	71.64867	92.07260	1.871653	153.8831	97.49674

#1	-.005458	-.001403	.0017297	.0000611	-.216090	-.000871	.0009839
#2	-.064996	.005820	.0002739	.0002750	-.209487	.002321	.0018715
#3	-.034180	-.000153	.0021985	.0000638	-.216722	.001955	.0000098

Sample Name: ICB Acquired: 7/30/2018 19:10:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) 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	.0006292	.0015111	-.000073
Stddev	.0023368	.0022176	.000081
%RSD	371.3927	146.7490	110.6978

#1	-.001969	.0036110	.000013
#2	.001297	.0017305	-.000147
#3	.002560	-.000808	-.000085

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2033.991	2437.303	46494.49	4929.423	3458.110
Stddev	10.693	8.966	110.20	14.828	9.073
%RSD	.5257315	.3678789	.2370091	.3008014	.2623629

#1	2021.793	2439.927	46377.62	4933.690	3461.139
#2	2041.750	2444.664	46509.36	4941.650	3465.280
#3	2038.431	2427.317	46596.50	4912.930	3447.910

Sample Name: ICSA Acquired: 7/30/2018 19:14:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) 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	.0004446	-.000655	-.002859	-.019514	.0044003	243.0841
Stddev	.0072398	.001614	.002054	.003226	.0020576	.2678
%RSD	1628.260	246.4746	71.84459	16.53397	46.75956	.1101604

#1	-.007404	-.002348	-.000511	-.019019	.0041531	243.0840
#2	.006861	.000865	-.003745	-.022960	.0024775	242.8164
#3	.001878	-.000481	-.004321	-.016564	.0065703	243.3519

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056191	.0008971	-.000783	248.1650	.0531544	.0004321
Stddev	.0007622	.0001453	.000136	1.0163	.0007669	.0000334
%RSD	13.56404	16.19640	17.33191	.4095432	1.442708	7.731229

#1	.0052178	.0009583	-.000627	247.4349	.0523335	.0004039
#2	.0051415	.0010019	-.000843	249.3258	.0538524	.0004234
#3	.0064981	.0007313	-.000877	247.7343	.0532774	.0004690

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002027	102.3450	.0085252	251.5282	.0027895	-.004954
Stddev	.001704	.7295	.0003272	1.7226	.0005165	.000562
%RSD	84.08040	.7128189	3.837711	.6848487	18.51653	11.34268

#1	-.000521	101.5766	.0088436	249.8842	.0031411	-.005506
#2	-.003877	103.0281	.0081899	253.3199	.0021965	-.004383
#3	-.001682	102.4304	.0085420	251.3804	.0030308	-.004973

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3325268	-.006453	-.026415	-.229719	.0008702	F .1013478
Stddev	.4260494	.006103	.012680	.028896	.0022829	.0013188
%RSD	128.1248	94.56941	48.00128	12.57870	262.3431	1.301243

#1	.8242034	-.013409	-.027630	-.198215	.0034270	.0998255
#2	.0722419	-.003954	-.013172	-.235956	.0001477	.1020780
#3	.1011351	-.001997	-.038444	-.254988	-.000964	.1021401

Sample Name: ICSA Acquired: 7/30/2018 19:14:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) 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	.0017711	-.200242	-.003537	-.003347	-.004245	.0022639
Stddev	.0005939	.011203	.000816	.000493	.002516	.0009867
%RSD	33.53384	5.594599	23.07081	14.73415	59.27449	43.58382

#1	.0016100	-.206101	-.003903	-.003801	-.005242	.0014854
#2	.0024289	-.187325	-.002602	-.002822	-.001383	.0033736
#3	.0012743	-.207301	-.004107	-.003419	-.006110	.0019328

Elem	Sr4077
Units	ppm
Avg	.1039764
Stddev	.0005043
%RSD	.4849972

#1	.1035051
#2	.1039160
#3	.1045082

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1908.940	2281.195	43569.64	4869.636	3017.629
Stddev	27.156	5.258	276.48	29.065	3.738
%RSD	1.422583	.2304920	.6345674	.5968616	.1238696

#1	1877.623	2279.755	43262.57	4903.052	3014.845
#2	1925.983	2287.023	43798.81	4855.638	3021.878
#3	1923.213	2276.808	43647.53	4850.219	3016.165

Sample Name: ICSAB Acquired: 7/30/2018 19:18:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) 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	.0921038	.1061790	.0469013	.0264766	.5895795	244.6325
Stddev	.0057149	.0006585	.0016920	.0020695	.0030481	.6632
%RSD	6.204894	.6202111	3.607477	7.816159	.5169896	.2710954

#1	.0867573	.1060022	.0456248	.0277578	.5870230	245.3093
#2	.0914271	.1056269	.0462587	.0275830	.5887629	243.9838
#3	.0981270	.1069079	.0488204	.0240892	.5929527	244.6044

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5336569	.5254288	1.031938	249.6557	.5884853	.5134982
Stddev	.0010117	.0017052	.002445	.4230	.0013589	.0025275
%RSD	.1895825	.3245401	.2369478	.1694261	.2309103	.4922063

#1	.5336556	.5262980	1.030545	250.1250	.5872861	.5116420
#2	.5326459	.5265243	1.030508	249.3038	.5899613	.5124758
#3	.5346693	.5234641	1.034762	249.5382	.5882085	.5163767

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4661930	102.8909	.4835900	253.2262	1.039812	.1752724
Stddev	.0066553	.0700	.0005799	.3385	.001007	.0009390
%RSD	1.427579	.0680723	.1199097	.1336767	.0968247	.5357508

#1	.4720606	102.8921	.4837363	252.9772	1.039970	.1762880
#2	.4589614	102.8203	.4829510	253.0897	1.038736	.1744357
#3	.4675570	102.9604	.4840828	253.6116	1.040730	.1750935

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1244991	.5184679	1.001172	-.243885	.0106565	F .1014447
Stddev	.4218465	.0169239	.006924	.022437	.0010880	.0020777
%RSD	338.8350	3.264216	.6916292	9.199728	10.20961	2.048154

#1	.2435811	.5353203	.998285	-.267207	.0099032	.1025246
#2	-.344088	.5186099	.996158	-.222453	.0119038	.0990494
#3	.474005	.5014734	1.009073	-.241996	.0101624	.1027601

Sample Name: ICSAB Acquired: 7/30/2018 19:18:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) 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	.0032549	-.214232	-.002247	-.001977	-.001846	.0046515
Stddev	.0001014	.001538	.002091	.000985	.002935	.0008170
%RSD	3.116150	.7180985	93.06233	49.84449	158.9606	17.56334

#1	.0033714	-.215850	-.001996	-.001149	.000651	.0055211
#2	.0031858	-.212788	-.000293	-.001715	-.005079	.0039000
#3	.0032076	-.214058	-.004453	-.003067	-.001110	.0045334

Elem	Sr4077
Units	ppm
Avg	.1047577
Stddev	.0002827
%RSD	.2698872

#1	.1045717
#2	.1046183
#3	.1050831

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1916.265	2276.024	43808.55	4870.919	3013.777
Stddev	16.085	10.105	252.83	18.706	9.926
%RSD	.8394044	.4439724	.5771203	.3840285	.3293385

#1	1905.389	2287.130	43572.53	4868.504	3024.263
#2	1934.742	2273.571	44075.36	4853.538	3012.540
#3	1908.664	2267.371	43777.75	4890.715	3004.528

Sample Name: CCV080 Acquired: 7/30/2018 19:22:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV080 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.017691	4.864105	24.75969	4.754830	4.875063	411.2958	10.01459
Stddev	.034595	.027087	.13158	.027617	.018767	2.5224	.03357
%RSD	.6894523	.5568774	.5314087	.5808204	.3849691	.6132738	.3351946

#1	4.995953	4.849494	24.70152	4.736015	4.869650	408.3837	10.04177
#2	4.999537	4.847460	24.66724	4.741940	4.859598	412.8001	9.97707
#3	5.057584	4.895360	24.91033	4.786536	4.895943	412.7036	10.02494

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5022268	2.488544	413.4181	15.22560	2.515569	15.17770	422.3150
Stddev	.0028027	.013743	1.2076	.01753	.013741	.02431	2.5025
%RSD	.5580522	.5522576	.2921057	.1151621	.5462303	.1601615	.5925661

#1	.4989925	2.482468	414.1385	15.20972	2.509331	15.16188	424.4422
#2	.5037448	2.478887	412.0239	15.22267	2.506053	15.16552	419.5577
#3	.5039430	2.504278	414.0919	15.24442	2.531322	15.20569	422.9451

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.95737	412.9886	2.506950	1.259788	407.9900	2.489807	14.87626
Stddev	.06985	2.6286	.015696	.003550	3.7648	.033138	.06830
%RSD	.4670210	.6364935	.6261081	.2818203	.9227663	1.330931	.4591444

#1	15.00737	415.1673	2.499250	1.262179	403.6521	2.453550	14.89610
#2	14.87756	410.0690	2.496590	1.261476	410.4054	2.497344	14.93244
#3	14.98719	413.7294	2.525009	1.255708	409.9125	2.518526	14.80023

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.0973	5.032536	5.226744	4.860397	4.899274	4.959397	5.010511
Stddev	.8525	.023351	.009550	.028403	.027864	.021026	.022759
%RSD	.5532198	.4639939	.1827229	.5843706	.5687465	.4239702	.4542223

#1	153.1285	5.009356	5.217771	4.850658	4.885262	4.936336	5.007418
#2	154.4306	5.032198	5.236782	4.838145	4.881197	4.977505	4.989456
#3	154.7327	5.056053	5.225678	4.892388	4.931363	4.964349	5.034658

Sample Name: CCV080 Acquired: 7/30/2018 19:22:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV080 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.007151	5.122797	5.031543
Stddev	.021030	.012879	.009954
%RSD	.4199969	.2514073	.1978377

#1	4.982868	5.107940	5.029570
#2	5.019450	5.130794	5.022722
#3	5.019134	5.129656	5.042336

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1729.939	2034.223	41303.05	4663.808	2670.002
Stddev	7.173	8.681	125.45	24.372	10.444
%RSD	.4146401	.4267274	.3037211	.5225869	.3911783

#1	1723.296	2041.150	41171.53	4691.922	2676.991
#2	1728.976	2037.033	41316.24	4648.654	2675.019
#3	1737.545	2024.485	41421.38	4650.847	2657.995

Sample Name: CCB080 Acquired: 7/30/2018 19:26:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB080 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000185	.0006348	-.001597	.0001639	.0007787	-.000075	-.000396
Stddev	.002215	.0024782	.001512	.0003488	.0016234	.016891	.001080
%RSD	1197.841	390.3789	94.67049	212.8258	208.4818	22608.26	272.7984

#1	-.002728	.0010220	-.003285	.0005545	.0026061	-.010655	-.001596
#2	.001322	-.002014	-.001141	.0000539	.0002265	-.008974	.000500
#3	.000851	.002897	-.000365	-.000117	-.000497	.019405	-.000093

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000707	-.000122	.0184720	-.000406	.0002263	.0019338	-.006350
Stddev	.0000394	.000021	.0058081	.000489	.0002022	.0072573	.021310
%RSD	55.73803	17.30483	31.44246	120.3917	89.37154	375.2944	335.5771

#1	.0001097	-.000098	.0145147	-.000593	.0004574	.0077361	-.011282
#2	.0000308	-.000135	.0157615	.000149	.0000819	.0042689	-.024762
#3	.0000717	-.000134	.0251398	-.000775	.0001395	-.006204	.016993

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000082	.0265802	.0006396	.0001555	-.196564	-.006732	-.024585
Stddev	.0011831	.0297848	.0002407	.0004203	.148264	.007962	.006215
%RSD	14491.90	112.0564	37.63915	270.2594	75.42776	118.2573	25.28077

#1	.0013741	.0210143	.0008983	-.000195	-.029905	-.003200	-.028745
#2	-.000695	.0587553	.0004221	.000040	-.245971	-.015849	-.027570
#3	-.000655	-.000029	.0005984	.000621	-.313816	-.001148	-.017440

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.018522	.0007697	.0072246	.0001890	-.236315	.0021096	.0013490
Stddev	.019145	.0048821	.0006299	.0002635	.001618	.0011262	.0004486
%RSD	103.3602	634.2953	8.719208	139.4112	.6846545	53.38482	33.25336

#1	-.002698	.0061783	.0079419	-.000071	-.234809	.0022578	.0016367
#2	-.013067	-.000558	.0069705	.000456	-.238025	.0031543	.0008321
#3	-.039803	-.003311	.0067613	.000181	-.236112	.0009166	.0015781

Sample Name: CCB080 Acquired: 7/30/2018 19:26:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB080 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000442	.0020702	-.000134
Stddev	.002372	.0012436	.000087
%RSD	537.1095	60.07074	65.07319

#1	-.001183	.0010239	-.000092
#2	-.002354	.0017416	-.000234
#3	.002213	.0034452	-.000075

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2046.867	2433.004	46510.99	4868.247	3472.247
Stddev	9.881	8.347	114.41	2.462	11.528
%RSD	.4827158	.3430556	.2459821	.0505701	.3320059

#1	2050.145	2436.847	46383.10	4871.080	3478.915
#2	2035.764	2438.737	46546.22	4867.030	3478.889
#3	2054.692	2423.428	46603.63	4866.630	3458.935

Sample Name: J3963-01 Acquired: 7/30/2018 19:30:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2D57 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0254203	.0475935	.0962878	-.000709	.0014688	2.536189	-.000802
Stddev	.0024461	.0014687	.0014017	.002820	.0029151	.025934	.000376
%RSD	9.622552	3.085872	1.455717	397.6685	198.4681	1.022568	46.82605

#1	.0262048	.0492182	.0953867	-.002062	.0027090	2.506402	-.000463
#2	.0273779	.0472023	.0955739	-.002599	-.001861	2.548404	-.000737
#3	.0226783	.0463600	.0979027	.002533	.003559	2.553759	-.001206

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0737705	.0259834	13.70591	.1437883	.1494732	.1047639	.0029255
Stddev	.0010896	.0002926	.06706	.0003322	.0002261	.0030221	.0108966
%RSD	1.477016	1.125976	.4892823	.2310636	.1512980	2.884662	372.4731

#1	.0734385	.0257842	13.67165	.1434834	.1492315	.1049180	-.008141
#2	.0728855	.0258468	13.66291	.1441424	.1495083	.1016676	.003273
#3	.0749875	.0263193	13.78318	.1437392	.1496797	.1077059	.013644

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000622	11.62551	.1843251	.0495784	12.08817	.1855235	-.006228
Stddev	.000904	.12589	.0002544	.0002820	.10293	.0028131	.009313
%RSD	145.2504	1.082896	.1380383	.5688726	.8515313	1.516333	149.5310

#1	-.000791	11.48200	.1841465	.0494621	12.04897	.1875475	-.009730
#2	.000354	11.71733	.1842124	.0499000	12.20495	.1823112	.004328
#3	-.001430	11.67720	.1846165	.0493731	12.01060	.1867118	-.013282

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.087732	.0033923	.0042194	-.000003	-.244926	.0013871	-.000061
Stddev	.019579	.0033010	.0013150	.000328	.003244	.0001643	.001170
%RSD	22.31630	97.30942	31.16636	11096.69	1.324553	11.84767	1919.246

#1	-.091822	.0062369	.0055263	.000194	-.248517	.0013574	.001274
#2	-.066432	-.000227	.0028964	-.000382	-.242207	.0015642	-.000910
#3	-.104943	.004167	.0042354	.000179	-.244053	.0012396	-.000547

Sample Name: J3963-01 Acquired: 7/30/2018 19:30:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2D57 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002064	.0016709	.0019114
Stddev	.001967	.0008354	.0001899
%RSD	95.29616	49.99390	9.937331

#1	-.001012	.0025299	.0016926
#2	-.000847	.0016216	.0020344
#3	-.004334	.0008613	.0020070

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2040.263	2422.596	46726.66	4917.563	3451.338
Stddev	22.621	4.323	185.74	18.123	.574
%RSD	1.108741	.1784301	.3975107	.3685431	.0166374

#1	2023.366	2422.355	46516.47	4910.020	3450.930
#2	2065.963	2427.034	46868.70	4938.240	3451.089
#3	2031.462	2418.399	46794.81	4904.430	3451.994

Sample Name: J3963-13 Acquired: 7/30/2018 19:46:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2D61 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4752373	-.007861	5.009045	-.013068	.0739320	1.808092
Stddev	.0022945	.002583	.014361	.008479	.0024124	.051000
%RSD	.4828155	32.85737	.2867054	64.87928	3.262972	2.820641

#1	.4777296	-.008625	5.001231	-.014985	.0767025	1.854410
#2	.4747698	-.009977	5.000286	-.020425	.0727975	1.816428
#3	.4732126	-.004983	5.025619	-.003796	.0722959	1.753438

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0325192	.0022459	.0316187	F 1822.549	.0601930	.1189238
Stddev	.0004880	.0000542	.0002077	11.796	.0005591	.0004232
%RSD	1.500699	2.413800	.6570057	.6472164	.9288291	.3558332

#1	.0330420	.0021954	.0315966	1823.762	.0607401	.1186397
#2	.0320756	.0023032	.0314229	1833.692	.0596226	.1194101
#3	.0324401	.0022392	.0318366	1810.193	.0602162	.1187215

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.092844	167.1114	4.030999	F 1075.996	.1168961	-.008887
Stddev	.011702	.7279	.019551	4.863	.0008118	.000745
%RSD	1.070772	.4355667	.4850114	.4519741	.6944481	8.378783

#1	1.093704	167.3300	4.034199	1078.992	.1164355	-.008472
#2	1.104093	166.2993	4.010046	1070.385	.1178335	-.009746
#3	1.080736	167.7050	4.048753	1078.612	.1164194	-.008442

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.275621	.2909117	3.130568	-.393434	1.389797	.1842972
Stddev	.483403	.0042068	.037213	.019803	.001955	.0012411
%RSD	37.89551	1.446058	1.188687	5.033307	.1406879	.6734348

#1	1.414688	.2869933	3.091877	-.415687	1.389043	.1857242
#2	1.674247	.2953571	3.166102	-.377753	1.388332	.1834686
#3	.737927	.2903845	3.133725	-.386862	1.392018	.1836990

Sample Name: J3963-13 Acquired: 7/30/2018 19:46:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2D61 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0329301	.5898826	2.302251	-.001563	.0017426	.0265246
Stddev	.0003379	.0110216	.006989	.000745	.0010294	.0006230
%RSD	1.026223	1.868437	.3035793	47.67870	59.07665	2.348845

#1	.0331483	.5960614	2.304911	-.002354	.0008629	.0258102
#2	.0325409	.5771578	2.294322	-.001462	.0014900	.0269552
#3	.0331012	.5964287	2.307520	-.000873	.0028748	.0268083

Elem	Sr4077
Units	ppm
Avg	.2542498
Stddev	.0003997
%RSD	.1572056

#1	.2543975
#2	.2537973
#3	.2545547

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1871.430	2223.454	44070.41	5020.778	2532.221
Stddev	12.167	6.308	134.79	8.746	7.082
%RSD	.6501280	.2837085	.3058601	.1742055	.2796589

#1	1871.882	2220.272	44117.57	5023.143	2533.739
#2	1883.365	2230.719	44175.29	5028.099	2538.421
#3	1859.044	2219.369	43918.37	5011.092	2524.504

Sample Name: PB111428BL Acquired: 7/30/2018 19:51:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) 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	.0013781	-.000592	.0007890	.0005983	.0012513	-.016433	-.000349
Stddev	.0019767	.001816	.0010605	.0021447	.0017970	.005520	.000153
%RSD	143.4353	306.7657	134.4096	358.4465	143.6095	33.59306	43.83534

#1	.0000266	.001447	.0018352	-.001844	.0027943	-.019101	-.000251
#2	.0036467	-.001187	.0008170	.002173	.0016814	-.020112	-.000525
#3	.0004610	-.002035	-.000285	.001467	-.000722	-.010085	-.000270

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000001	-.000051	.0404400	-.000621	.0000712	.0087236	.0075910
Stddev	.000009	.000066	.0043074	.000061	.0003984	.0025471	.0304886
%RSD	1156.399	129.8773	10.65136	9.770991	559.8813	29.19809	401.6399

#1	-.000002	-.000044	.0392097	-.000647	.0000487	.0115108	.0339102
#2	.000009	-.000121	.0368815	-.000665	.0004804	.0081435	.0146806
#3	-.000010	.000011	.0452287	-.000552	-.000316	.0065166	-.025818

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005712	.0429845	.0007509	-.000318	-.531270	-.006447	-.012020
Stddev	.0003988	.0480967	.0002151	.000278	.220273	.001799	.022480
%RSD	69.81300	111.8931	28.63944	87.16985	41.46160	27.90546	187.0236

#1	.0009807	.0161726	.0008693	-.000329	-.707129	-.004550	-.012090
#2	.0005487	.0985110	.0005027	-.000036	-.602480	-.006662	-.034465
#3	.0001841	.0142700	.0008808	-.000591	-.284201	-.008129	.010495

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.051813	-.000541	-.001108	.0000411	-.247144	.0038651	-.000393
Stddev	.051057	.001683	.000687	.0001707	.002795	.0018652	.000241
%RSD	98.54021	311.2457	61.98952	415.7571	1.130745	48.25684	61.34408

#1	-.043817	-.002172	-.000819	.0002353	-.247293	.0017243	-.000672
#2	-.005226	.001189	-.001892	-.000027	-.244277	.0047318	-.000245
#3	-.106396	-.000639	-.000613	-.000085	-.249861	.0051392	-.000264

Sample Name: PB111428BL Acquired: 7/30/2018 19:51:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) 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	-.000940	.0000705	-.000089
Stddev	.002778	.0017805	.000025
%RSD	295.4847	2524.989	28.29065

#1	.002194	.0013736	-.000060
#2	-.003100	.0007962	-.000104
#3	-.001914	-.001958	-.000104

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2062.049	2439.111	46963.31	4928.393	3497.909
Stddev	12.402	5.719	205.12	34.755	11.440
%RSD	.6014418	.2344616	.4367614	.7052072	.3270417

#1	2054.508	2443.364	46772.27	4932.420	3499.413
#2	2055.276	2441.360	46937.59	4960.960	3508.521
#3	2076.362	2432.610	47180.08	4891.800	3485.791

Sample Name: PB111469BL Acquired: 7/30/2018 19:55:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) 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	-.000403	.0002623	-.000366	.0011518	.0013146	-.009808	.0005369
Stddev	.002085	.0011429	.001820	.0055908	.0002823	.007519	.0004529
%RSD	516.8181	435.6603	497.3506	485.4065	21.47386	76.66160	84.35441

#1	.001477	-.000012	.000994	-.002623	.0013051	-.011656	.0000719
#2	-.000041	-.000718	-.002433	.007575	.0016015	-.001537	.0009767
#3	-.002646	.001518	.000341	-.001497	.0010371	-.016230	.0005622

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000448	-.000104	.0136303	-.000193	.0002660	.0021872	-.006065
Stddev	.0000444	.000076	.0050904	.000232	.0001719	.0031088	.023164
%RSD	99.03378	72.77066	37.34594	120.2091	64.61822	142.1379	381.9242

#1	-.000004	-.000034	.0077574	.000035	.0001928	-.001038	.007614
#2	.000082	-.000185	.0163568	-.000429	.0001429	.002435	.007001
#3	.000056	-.000093	.0167765	-.000186	.0004625	.005165	-.032810

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005463	.0139487	.0005208	-.000073	-.500236	-.009307	-.000076
Stddev	.0006157	.0563927	.0003649	.000679	.120363	.010080	.009218
%RSD	112.7065	404.2866	70.06942	925.5363	24.06123	108.3012	12131.34

#1	.0001779	-.033386	.0002171	-.000032	-.436037	-.012279	.008443
#2	.0002038	-.001110	.0004196	.000585	-.425583	-.017567	-.009862
#3	.0012571	.076342	.0009256	-.000772	-.639088	.001924	.001191

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.068375	.0033196	-.001570	-.000234	-.256906	.0030339	-.000049
Stddev	.084947	.0028983	.001082	.000105	.002435	.0003650	.000617
%RSD	124.2364	87.30961	68.89210	45.08325	.9477038	12.02997	1259.204

#1	.023853	.0066363	-.000540	-.000353	-.259320	.0026348	.000042
#2	-.085569	.0012746	-.001473	-.000195	-.256948	.0033508	-.000707
#3	-.143409	.0020478	-.002697	-.000153	-.254451	.0031161	.000518

Sample Name: PB111469BL Acquired: 7/30/2018 19:55:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) 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	.0025957	.0016609	-.000140
Stddev	.0016575	.0009997	.000127
%RSD	63.85366	60.18988	90.80947

#1	.0014012	.0027942	-.000232
#2	.0044880	.0009040	-.000193
#3	.0018980	.0012847	.000005

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2078.325	2445.151	47358.47	4892.177	3508.335
Stddev	10.103	9.573	98.25	2.548	10.124
%RSD	.4860999	.3915272	.2074682	.0520789	.2885624

#1	2068.184	2450.100	47441.91	4894.480	3511.444
#2	2088.389	2451.237	47383.32	4889.440	3516.541
#3	2078.402	2434.116	47250.17	4892.610	3497.022

Sample Name: PB111428BS Acquired: 7/30/2018 19:59:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) 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	.0200798	.0474598	.0200759	.0700328	.1171041	.3884357
Stddev	.0016588	.0003345	.0018693	.0018835	.0013484	.0039265
%RSD	8.261193	.7049021	9.311113	2.689480	1.151485	1.010846

#1	.0188617	.0477413	.0205154	.0686593	.1185935	.3842336
#2	.0219691	.0475481	.0180261	.0692592	.1159664	.3890622
#3	.0194087	.0470899	.0216864	.0721799	.1167523	.3920112

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3968232	.0107574	.0100326	9.987799	.0213738	.0971994
Stddev	.0019194	.0001005	.0001211	.017520	.0008953	.0002058
%RSD	.4836895	.9340794	1.207247	.1754109	4.188632	.2117084

#1	.3948797	.0107290	.0099763	9.973680	.0206775	.0970238
#2	.3987175	.0106741	.0101716	10.00741	.0223837	.0974258
#3	.3968723	.0108690	.0099499	9.98231	.0210602	.0971486

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0423456	.1689290	.0265011	9.713791	.0794973	.0197362
Stddev	.0023449	.0133029	.0013320	.081157	.0000772	.0002396
%RSD	5.537567	7.874862	5.026072	.8354852	.0970712	1.214077

#1	.0448039	.1573993	.0264613	9.718759	.0794166	.0197904
#2	.0420997	.1834841	.0278526	9.630264	.0795703	.0199441
#3	.0401334	.1659037	.0251895	9.792351	.0795051	.0194741

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.592322	.0919194	.1137336	9.056667	F .1687899	F .0157942
Stddev	.222338	.0065389	.0032328	.147733	.0029627	.0006701
%RSD	2.317880	7.113707	2.842440	1.631203	1.755246	4.242493

#1	9.486208	.0955071	.1140801	9.207005	.1697450	.0150669
#2	9.442921	.0843720	.1103415	9.051309	.1711573	.0163865
#3	9.847837	.0958790	.1167792	8.911686	.1654675	.0159292

Sample Name: PB111428BS Acquired: 7/30/2018 19:59:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) 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	.0196625	-.084736	.2036398	F .0139779	.1021653	.0935123
Stddev	.0002289	.005947	.0029257	.0003741	.0043149	.0003841
%RSD	1.164349	7.017901	1.436713	2.676055	4.223473	.4107785

#1	.0197545	-.091045	.2048820	.0135485	.0974246	.0933301
#2	.0194019	-.079234	.2002979	.0142333	.1058635	.0932532
#3	.0198311	-.083929	.2057394	.0141519	.1032076	.0939537

Elem	Sr4077
Units	ppm
Avg	.2030549
Stddev	.0002085
%RSD	.1026878

#1	.2029991
#2	.2028800
#3	.2032857

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2052.276	2425.825	46599.21	4897.727	3492.271
Stddev	20.799	7.079	225.12	20.699	4.784
%RSD	1.013485	.2918049	.4831069	.4226270	.1369927

#1	2070.258	2427.997	46819.66	4882.570	3490.908
#2	2057.072	2431.564	46608.28	4889.300	3497.589
#3	2029.497	2417.915	46369.68	4921.310	3488.316

Sample Name: PB111469BS Acquired: 7/30/2018 20:03:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) 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	.0203636	.0509881	.0194599	.0731779	.1166434	.3819128
Stddev	.0025475	.0030543	.0005812	.0018242	.0011769	.0082041
%RSD	12.51025	5.990276	2.986722	2.492783	1.008936	2.148162

#1	.0212162	.0542982	.0198995	.0752324	.1161752	.3839070
#2	.0174992	.0482789	.0188009	.0717484	.1157727	.3728955
#3	.0223755	.0503871	.0196792	.0725528	.1179823	.3889360

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3972278	.0106938	.0100267	9.968784	.0220869	.0966472
Stddev	.0006347	.0000538	.0000335	.044012	.0001335	.0004266
%RSD	.1597752	.5030864	.3340186	.4415020	.6044613	.4414113

#1	.3965029	.0107434	.0100502	9.922664	.0220210	.0968834
#2	.3976833	.0106366	.0100415	9.973354	.0222406	.0969033
#3	.3974972	.0107014	.0099883	10.01033	.0219992	.0961547

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0468011	.1813395	.0271815	9.641777	.0793086	.0199657
Stddev	.0023724	.0098881	.0004887	.039154	.0001198	.0006609
%RSD	5.069199	5.452806	1.797945	.4060888	.1510654	3.310329

#1	.0459298	.1851170	.0276044	9.627608	.0792814	.0199128
#2	.0449874	.1701195	.0266465	9.611680	.0794397	.0206515
#3	.0494860	.1887819	.0272936	9.686043	.0792048	.0193328

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.704038	.0922533	.1075226	9.084582	F .1691192	F .0169893
Stddev	.437583	.0075682	.0236633	.031830	.0006574	.0014620
%RSD	4.509287	8.203747	22.00772	.3503709	.3887156	8.605261

#1	10.17660	.0964125	.0948434	9.053662	.1697890	.0154957
#2	9.62266	.0835176	.1348235	9.117249	.1690935	.0184174
#3	9.31286	.0968299	.0929008	9.082834	.1684750	.0170549

Sample Name: PB111469BS Acquired: 7/30/2018 20:03:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) 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	.0196189	-.091776	.2023338	F .0128231	.1020480	.0919635
Stddev	.0003128	.002259	.0027426	.0017384	.0022381	.0003765
%RSD	1.594248	2.461055	1.355483	13.55712	2.193153	.4093598

#1	.0192686	-.094070	.2028882	.0129757	.1031263	.0920694
#2	.0197180	-.089554	.2047569	.0144802	.0994749	.0922757
#3	.0198701	-.091705	.1993564	.0110134	.1035428	.0915454

Elem	Sr4077
Units	ppm
Avg	.2039524
Stddev	.0005468
%RSD	.2681187

#1	.2034801
#2	.2038256
#3	.2045515

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2052.320	2420.566	46810.58	4913.627	3495.083
Stddev	15.257	.873	149.37	9.278	5.211
%RSD	.7433881	.0360619	.3190977	.1888227	.1490813

#1	2069.733	2421.320	46960.35	4903.670	3497.682
#2	2041.301	2420.770	46661.61	4915.180	3498.483
#3	2045.926	2419.610	46809.77	4922.030	3489.084

Sample Name: J3963-14 Acquired: 7/30/2018 20:11:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2D61D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4718952	-.015626	4.992654	-.014055	.0758782	1.832825
Stddev	.0040904	.002872	.016847	.003645	.0026735	.022594
%RSD	.8668007	18.37954	.3374436	25.93649	3.523471	1.232768

#1	.4765581	-.016498	4.982001	-.018100	.0788695	1.837574
#2	.4702152	-.017961	4.983884	-.013044	.0737213	1.852667
#3	.4689122	-.012419	5.012078	-.011022	.0750439	1.808233

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0331461	.0023238	.0312578	F 1812.613	.0590798	.1189211
Stddev	.0006463	.0000977	.0003253	6.017	.0010299	.0013383
%RSD	1.949859	4.205332	1.040673	.3319320	1.743263	1.125404

#1	.0329457	.0023489	.0308846	1807.363	.0582492	.1177803
#2	.0326236	.0024065	.0314070	1811.298	.0587580	.1185885
#3	.0338688	.0022160	.0314816	1819.179	.0602322	.1203943

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.103868	167.8630	4.057507	F 1084.009	.1160688	-.009400
Stddev	.008040	.9899	.023384	5.599	.0001666	.000508
%RSD	.7283310	.5897236	.5763223	.5164810	.1435620	5.402692

#1	1.095369	168.7113	4.073842	1088.408	.1158796	-.008817
#2	1.111352	166.7753	4.030720	1077.707	.1161938	-.009643
#3	1.104883	168.1024	4.067960	1085.912	.1161329	-.009741

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.303437	.2950546	3.187012	-.460056	1.386323	.1880154
Stddev	.323801	.0056957	.032326	.083859	.011519	.0025562
%RSD	24.84211	1.930400	1.014320	18.22795	.8308708	1.359569

#1	1.677193	.2966391	3.151032	-.435983	1.382459	.1887352
#2	1.125325	.2997903	3.213608	-.553318	1.377234	.1851765
#3	1.107792	.2887344	3.196395	-.390866	1.399277	.1901345

Sample Name: J3963-14 Acquired: 7/30/2018 20:11:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2D61D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0329593	.5518610	2.298604	-.001033	.0024533	.0250163
Stddev	.0003871	.0116085	.011772	.001308	.0014016	.0011073
%RSD	1.174383	2.103524	.5121326	126.6769	57.12921	4.426433

#1	.0328894	.5594565	2.310143	-.001702	.0040534	.0241060
#2	.0326119	.5384982	2.286612	-.001872	.0018635	.0246937
#3	.0333765	.5576282	2.299058	.000475	.0014431	.0262490

Elem	Sr4077
Units	ppm
Avg	.2559800
Stddev	.0002928
%RSD	.1143734

#1	.2559945
#2	.2556802
#3	.2562652

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1880.611	2222.490	44177.47	5012.115	2539.173
Stddev	4.001	5.102	109.31	20.521	4.223
%RSD	.2127509	.2295557	.2474294	.4094365	.1663332

#1	1876.750	2223.976	44301.76	5002.716	2542.342
#2	1880.344	2226.684	44096.31	5035.653	2540.800
#3	1884.738	2216.811	44134.34	4997.977	2534.378

Sample Name: J3963-01LX5 Acquired: 7/30/2018 20:20:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2D57L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052322	.0106457	.0185238	.0002209	.0012033	.4835413	.0006701
Stddev	.0052000	.0023160	.0024003	.0015784	.0018426	.0172565	.0005467
%RSD	99.38348	21.75493	12.95803	714.5519	153.1319	3.568764	81.59623

#1	.0038217	.0124372	.0191281	-.001470	-.000797	.4637182	.0013012
#2	.0008830	.0080304	.0158791	.000476	.002832	.4952045	.0003669
#3	.0109919	.0114694	.0205642	.001656	.001575	.4917012	.0003420

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0146161	.0051884	2.793138	.0288868	.0301238	.0213503	.0064999
Stddev	.0001964	.0000378	.015481	.0003507	.0001714	.0013833	.0124894
%RSD	1.343780	.7289116	.5542574	1.214034	.5690106	6.479131	192.1473

#1	.0144318	.0051997	2.809138	.0292743	.0299317	.0214596	.0177645
#2	.0145940	.0051462	2.778234	.0285912	.0302610	.0199155	-.006931
#3	.0148227	.0052193	2.792041	.0287949	.0301786	.0226757	.008666

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001506	2.381976	.0371356	.0095228	1.875273	.0307568	-.027095
Stddev	.002458	.060473	.0003475	.0005823	.553984	.0060472	.008572
%RSD	163.1715	2.538784	.9357236	6.114741	29.54150	19.66141	31.63590

#1	-.004301	2.379017	.0374892	.0098540	1.333902	.0239388	-.020577
#2	.000320	2.443874	.0371231	.0088505	1.850854	.0328601	-.023903
#3	-.000538	2.323037	.0367946	.0098640	2.441062	.0354715	-.036804

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.065966	.0036422	-.002571	-.000211	-.277472	.0023440	.0003822
Stddev	.043440	.0009614	.000683	.000267	.002138	.0012703	.0010482
%RSD	65.85211	26.39682	26.57869	126.4865	.7704289	54.19272	274.2540

#1	-.108774	.0027470	-.001910	-.000518	-.279618	.0013362	.0001111
#2	-.067206	.0046585	-.003275	-.000030	-.275343	.0019249	-.000504
#3	-.021920	.0035212	-.002529	-.000086	-.277454	.0037709	.001539

Sample Name: J3963-01LX5 Acquired: 7/30/2018 20:20:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2D57L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002002	.0007085	.0003966
Stddev	.003985	.0006277	.0001018
%RSD	199.0797	88.59194	25.67723

#1	-.006565	.0004588	.0004343
#2	-.000238	.0002441	.0004742
#3	.000797	.0014226	.0002813

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2042.522	2432.083	46637.83	4889.637	3503.548
Stddev	20.816	12.044	280.98	4.637	11.442
%RSD	1.019113	.4952174	.6024757	.0948261	.3265804

#1	2027.329	2438.149	46329.24	4886.410	3511.699
#2	2066.248	2439.887	46878.91	4887.550	3508.477
#3	2033.989	2418.212	46705.33	4894.950	3490.467

Sample Name: J3963-13LX5 Acquired: 7/30/2018 20:28:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2D61L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0976091	-.003657	.9951666	-.000702	.0152305	.3990161	.0074290
Stddev	.0073558	.000989	.0022966	.001453	.0019361	.0212134	.0003428
%RSD	7.535995	27.05516	.2307809	207.0654	12.71200	5.316430	4.614241

#1	.0897182	-.002527	.9935288	.000801	.0170177	.4056324	.0071438
#2	.1042764	-.004365	.9941793	-.000808	.0155000	.4161329	.0078093
#3	.0988326	-.004080	.9977919	-.002098	.0131738	.3752831	.0073339

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006066	.0059526	400.4470	.0131737	.0225085	.2234912	35.93167
Stddev	.0000245	.0000931	.7408	.0005532	.0000898	.0037049	.17710
%RSD	4.032797	1.563377	.1849863	4.199291	.3989336	1.657752	.4928809

#1	.0006154	.0060383	401.1309	.0126913	.0225901	.2192787	36.04637
#2	.0005790	.0058536	399.6602	.0137775	.0225231	.2262437	35.72770
#3	.0006255	.0059659	400.5500	.0130522	.0224123	.2249511	36.02094

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8499626	226.9270	.0229258	-.001644	.2356970	.0555326	.6422086
Stddev	.0032109	.8811	.0003343	.000560	.1075383	.0022124	.0077923
%RSD	.3777689	.3882806	1.457976	34.07179	45.62565	3.983935	1.213360

#1	.8534368	227.0054	.0226591	-.001189	.3496771	.0574222	.6511897
#2	.8493467	226.0093	.0228175	-.001473	.2213790	.0560767	.6372440
#3	.8471042	227.7663	.0233007	-.002270	.1360350	.0530990	.6381921

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.190797	.2551647	.0376578	.0072080	-.119170	.5043900	-.003640
Stddev	.055792	.0036740	.0016780	.0005971	.007659	.0024589	.000488
%RSD	29.24135	1.439850	4.455786	8.284461	6.426654	.4874929	13.41377

#1	-.134441	.2580717	.0392184	.0078968	-.119252	.5057947	-.004203
#2	-.246006	.2563872	.0358830	.0068354	-.111471	.5058246	-.003391
#3	-.191943	.2510354	.0378719	.0068919	-.126787	.5015508	-.003327

Sample Name: J3963-13LX5 Acquired: 7/30/2018 20:28:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2D61L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000458	.0055119	.0550216
Stddev	.004854	.0011164	.0002179
%RSD	1059.882	20.25467	.3959980

#1	-.004677	.0048086	.0549465
#2	.004847	.0067992	.0548511
#3	-.001544	.0049279	.0552670

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1928.624	2270.954	44423.60	4841.636	3019.105
Stddev	33.467	3.523	320.42	16.785	3.290
%RSD	1.735289	.1551321	.7212857	.3466869	.1089589

#1	1900.785	2274.841	44301.02	4831.932	3022.236
#2	1965.755	2267.971	44787.21	4861.018	3019.401
#3	1919.332	2270.051	44182.56	4831.959	3015.677

Sample Name: J3963-03 Acquired: 7/30/2018 20:33:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2D57S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0655806	.1018902	.1174063	.0559463	.1031286	4.591914	2.237819
Stddev	.0029203	.0006549	.0018484	.0013540	.0012838	.008598	.003844
%RSD	4.453007	.6426998	1.574380	2.420141	1.244863	.1872446	.1717854

#1	.0655622	.1025282	.1194738	.0563985	.1016955	4.600433	2.236088
#2	.0685100	.1019227	.1159135	.0544241	.1041737	4.592070	2.242225
#3	.0626695	.1012197	.1168315	.0570164	.1035165	4.583239	2.235145

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1302761	.0820332	13.63990	.3771483	.7112434	.3738593	1.011884
Stddev	.0001730	.0002822	.03102	.0010112	.0041268	.0010890	.031667
%RSD	.1327558	.3439643	.2274442	.2681194	.5802240	.2912753	3.129476

#1	.1300769	.0817718	13.65863	.3771722	.7069608	.3729895	.976995
#2	.1303874	.0819954	13.65698	.3761254	.7115750	.3735079	1.038806
#3	.1303641	.0823324	13.60409	.3781474	.7151944	.3750806	1.019852

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5317335	11.53397	.7265244	.1022275	12.28961	.7985326	.5332874
Stddev	.0050584	.09484	.0023320	.0004918	.33134	.0120503	.0166109
%RSD	.9512954	.8222346	.3209832	.4810578	2.696131	1.509055	3.114815

#1	.5336346	11.63627	.7249960	.1019287	12.11853	.8005147	.5418922
#2	.5260001	11.44899	.7253686	.1019587	12.07877	.7856141	.5141394
#3	.5355659	11.51665	.7292086	.1027951	12.67152	.8094690	.5438304

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.201646	.0118605	-.003583	.0000505	-.280806	.0028129	-.000508
Stddev	.092501	.0010952	.000194	.0002599	.001637	.0016365	.000762
%RSD	45.87314	9.233602	5.413596	514.8046	.5828231	58.18070	149.9826

#1	-.183295	.0107640	-.003419	.0003285	-.278938	.0032823	.000259
#2	-.301947	.0118632	-.003534	.0000093	-.281492	.0009929	-.000518
#3	-.119696	.0129543	-.003797	-.000186	-.281988	.0041634	-.001264

Sample Name: J3963-03 Acquired: 7/30/2018 20:33:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2D57S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000036	.0011369	.0018269
Stddev	.002449	.0020395	.0000950
%RSD	6869.860	179.3904	5.199695

#1	-.001830	.0027432	.0019328
#2	.002754	-.001158	.0017991
#3	-.001031	.001825	.0017490

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2049.526	2430.130	46765.52	4898.592	3480.639
Stddev	9.509	7.478	164.13	5.342	11.193
%RSD	.4639393	.3077370	.3509544	.1090597	.3215777

#1	2052.663	2427.154	46777.53	4895.326	3480.905
#2	2038.846	2438.638	46595.72	4904.757	3491.696
#3	2057.070	2424.597	46923.31	4895.692	3469.315

Sample Name: J3963-02 Acquired: 7/30/2018 20:46:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2D57D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0236673	.0495159	.0972102	.0006186	.0007057	2.505499	.0003683
Stddev	.0004592	.0012295	.0015850	.0008251	.0016769	.009539	.0015576
%RSD	1.940311	2.482967	1.630510	133.3700	237.6266	.3807385	422.9139

#1	.0232317	.0508845	.0968914	.0008928	-.001008	2.496678	.0004371
#2	.0236231	.0485049	.0958088	.0012717	.002343	2.515623	-.001223
#3	.0241470	.0491583	.0989304	-.000309	.000783	2.504197	.001890

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0721195	.0258934	13.46169	.1422975	.1497450	.1029995	.0033050
Stddev	.0002475	.0002483	.03943	.0004231	.0015066	.0008988	.0049116
%RSD	.3431902	.9588441	.2928979	.2973553	1.006122	.8726363	148.6110

#1	.0723974	.0257907	13.48225	.1418933	.1495269	.1031813	.0075038
#2	.0720385	.0257131	13.41623	.1427373	.1483593	.1020237	.0045074
#3	.0719227	.0261766	13.48659	.1422619	.1513488	.1037935	-.002096

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010493	11.54477	.1810943	.0480100	11.81812	.1851903	-.009095
Stddev	.0003390	.09961	.0022558	.0003254	.59439	.0040028	.007950
%RSD	32.30446	.8628266	1.245626	.6777403	5.029505	2.161426	87.41560

#1	.0010971	11.55860	.1791550	.0482243	11.41861	.1831585	-.004914
#2	.0013619	11.43897	.1805581	.0481702	12.50120	.1826111	-.018263
#3	.0006890	11.63674	.1835699	.0476356	11.53456	.1898015	-.004107

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.198110	.0059515	-.004047	-.000333	-.287443	.0033465	-.000796
Stddev	.008054	.0012651	.001165	.000267	.003958	.0005415	.000113
%RSD	4.065564	21.25637	28.79765	80.14204	1.376937	16.18172	14.19742

#1	-.204660	.0056401	-.004718	-.000435	-.291366	.0039600	-.000874
#2	-.189117	.0048712	-.004720	-.000030	-.287511	.0029352	-.000847
#3	-.200553	.0073432	-.002701	-.000534	-.283451	.0031442	-.000666

Sample Name: J3963-02 Acquired: 7/30/2018 20:46:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2D57D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001124	.0011785	.0017101
Stddev	.001253	.0018159	.0001444
%RSD	111.4666	154.0804	8.444148

#1	-.000141	.0030790	.0017992
#2	-.002534	.0009956	.0015435
#3	-.000696	-.000539	.0017876

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2091.121	2456.926	47378.99	4953.900	3517.927
Stddev	21.814	7.312	279.46	5.869	11.594
%RSD	1.043173	.2976275	.5898453	.1184750	.3295622

#1	2070.512	2465.370	47255.59	4958.990	3531.297
#2	2088.883	2452.714	47182.46	4955.230	3510.664
#3	2113.968	2452.695	47698.91	4947.480	3511.819

Sample Name: J3963-13DLX4 Acquired: 7/30/2018 20:50:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2D61 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1242119	-.001340	1.293089	-.003770	.0203217	.5370378	.0095035
Stddev	.0051963	.002254	.008329	.000256	.0018352	.0215699	.0006210
%RSD	4.183371	168.1325	.6441145	6.797793	9.030528	4.016454	6.534733

#1	.1183520	-.003942	1.289380	-.003486	.0224257	.5187061	.0100116
#2	.1260253	-.000011	1.287258	-.003837	.0190517	.5608058	.0088112
#3	.1282585	-.000068	1.302628	-.003985	.0194875	.5316015	.0096877

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007179	.0079168	541.1159	.0142298	.0298305	.2695445	46.73449
Stddev	.0001230	.0001339	2.1308	.0004325	.0001822	.0022366	.32693
%RSD	17.13300	1.690695	.3937730	3.039394	.6107746	.8297650	.6995483

#1	.0007746	.0079206	540.3060	.0142776	.0296210	.2716550	46.68274
#2	.0008022	.0077811	543.5329	.0146365	.0299524	.2697783	47.08421
#3	.0005767	.0080487	539.5089	.0137755	.0299179	.2672002	46.43652

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.105453	296.3759	.0305399	-.002605	.3501249	.0532139	.8443846
Stddev	.004760	1.2641	.0003688	.000336	.1101920	.0070146	.0167691
%RSD	.4306238	.4265068	1.207537	12.88716	31.47221	13.18190	1.985960

#1	1.100946	296.3930	.0307007	-.002964	.2505695	.0520644	.8357035
#2	1.110432	297.6314	.0301180	-.002299	.3312816	.0607322	.8637146
#3	1.104982	295.1035	.0308009	-.002551	.4685235	.0468450	.8337358

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.120557	.3428486	.0493338	.0094040	-.092672	.6959922	-.002820
Stddev	.027993	.0018640	.0024966	.0002443	.003142	.0025235	.001721
%RSD	23.21941	.5436792	5.060705	2.597289	3.390796	.3625714	61.03643

#1	-.142423	.3423109	.0470209	.0092067	-.094967	.6972607	-.001601
#2	-.130240	.3413125	.0519806	.0093281	-.089091	.6930862	-.004789
#3	-.089008	.3449223	.0489999	.0096772	-.093958	.6976298	-.002070

Sample Name: J3963-13DLX4 Acquired: 7/30/2018 20:50:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2D61 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000294	.0060744	.0716698
Stddev	.001814	.0004665	.0003007
%RSD	616.5153	7.680193	.4195435

#1	.000651	.0064294	.0716862
#2	.000851	.0055460	.0719620
#3	-.002385	.0062477	.0713613

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1952.459	2287.933	45014.43	4877.013	2982.978
Stddev	16.639	8.390	276.91	12.581	14.887
%RSD	.8522115	.3666857	.6151515	.2579583	.4990633

#1	1945.090	2288.424	44931.68	4868.580	2988.822
#2	1940.778	2296.066	44788.33	4870.985	2994.057
#3	1971.510	2279.308	45323.28	4891.473	2966.056

Sample Name: J3963-15 Acquired: 7/30/2018 20:54:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2D61S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5473201	.0900683	4.913742	.0774282	.2591636	5.618119
Stddev	.0115903	.0054846	.016361	.0020146	.0015583	.015887
%RSD	2.117656	6.089330	.3329726	2.601901	.6012922	.2827881

#1	.5514801	.0911585	4.904438	.0782064	.2585891	5.614035
#2	.5562563	.0949259	4.904154	.0751405	.2579741	5.604673
#3	.5342238	.0841205	4.932633	.0789376	.2609277	5.635650

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.039792	.0962058	.1384782	F 1779.141	.4596070	1.226946
Stddev	.001180	.0005786	.0004824	11.698	.0013041	.004590
%RSD	.0291977	.6013652	.3483639	.6574840	.2837408	.3741162

#1	4.038443	.0959049	.1384627	1767.595	.4585887	1.224811
#2	4.040307	.0968727	.1380037	1790.985	.4610768	1.223813
#3	4.040627	.0958396	.1389681	1778.844	.4591555	1.232215

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.535772	166.0987	4.939285	F 1060.941	1.171610	.0921360
Stddev	.002088	.7849	.029235	5.564	.005763	.0003683
%RSD	.1359467	.4725687	.5918936	.5244351	.4918752	.3997339

#1	1.534646	165.4905	4.934324	1058.974	1.168753	.0924669
#2	1.534490	166.9848	4.970683	1067.221	1.167834	.0917392
#3	1.538181	165.8207	4.912848	1056.627	1.178243	.0922021

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.383839	1.303862	4.119317	-.425844	1.372232	.1918313
Stddev	.609546	.014539	.031390	.032299	.001534	.0015846
%RSD	44.04747	1.115089	.7620200	7.584782	.1117863	.8260189

#1	1.365245	1.299977	4.147563	-.457980	1.371550	.1913879
#2	2.002470	1.291659	4.085523	-.393383	1.371157	.1935903
#3	.783803	1.319949	4.124866	-.426169	1.373988	.1905156

Sample Name: J3963-15 Acquired: 7/30/2018 20:54:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2D61S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0320022	.4765052	2.392417	-.001240	.0033091	.0255582
Stddev	.0007093	.0089525	.018774	.000920	.0038362	.0003307
%RSD	2.216406	1.878778	.7847168	74.24459	115.9278	1.293855

#1	.0322499	.4678674	2.372482	-.001723	.0033297	.0259164
#2	.0312022	.4759059	2.409760	-.000178	-.000537	.0252646
#3	.0325544	.4857423	2.395008	-.001818	.007135	.0254936

Elem	Sr4077
Units	ppm
Avg	.2521038
Stddev	.0000735
%RSD	.0291554

#1	.2520239
#2	.2521686
#3	.2521187

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1880.520	2245.895	44282.66	5043.337	2575.732
Stddev	6.337	4.687	202.77	33.808	5.109
%RSD	.3369711	.2087052	.4578984	.6703578	.1983387

#1	1876.025	2250.872	44076.12	5064.341	2576.116
#2	1877.767	2245.249	44290.41	5004.337	2580.639
#3	1887.767	2241.565	44481.44	5061.333	2570.443

Sample Name: J3963-14DLX4 Acquired: 7/30/2018 20:58:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2D61D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1243280	-.001410	1.292654	-.002841	.0196843	.5473542	.0096147
Stddev	.0063518	.002215	.003492	.002559	.0023653	.0108437	.0012218
%RSD	5.108891	157.0786	.2701337	90.07610	12.01621	1.981110	12.70783

#1	.1174449	-.003885	1.293943	-.004213	.0169934	.5355171	.0108731
#2	.1255757	-.000732	1.288700	.000112	.0206249	.5497376	.0084331
#3	.1299633	.000386	1.295317	-.004421	.0214346	.5568080	.0095379

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006287	.0078850	541.8299	.0142623	.0299686	.2668195	46.70870
Stddev	.0000961	.0001057	2.2390	.0003162	.0004471	.0013536	.31457
%RSD	15.29044	1.340568	.4132309	2.217060	1.491729	.5073137	.6734709

#1	.0007383	.0078199	541.9900	.0143468	.0300801	.2655364	46.79126
#2	.0005586	.0078281	539.5151	.0139125	.0294763	.2682341	46.36109
#3	.0005893	.0080069	543.9845	.0145277	.0303493	.2666881	46.97376

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.111739	296.5039	.0297890	-.002570	.0356450	.0615843	.8587855
Stddev	.009944	1.5060	.0002383	.000322	.3282468	.0070678	.0043988
%RSD	.8944770	.5079025	.8000335	12.53386	920.8765	11.47660	.5122136

#1	1.113385	296.6881	.0298226	-.002767	-.311054	.0546033	.8595034
#2	1.101074	294.9143	.0300087	-.002199	.341644	.0614138	.8627812
#3	1.120757	297.9093	.0295356	-.002746	.076346	.0687357	.8540719

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.112201	.3411360	.0492644	.0092346	-.091844	.7151123	-.002858
Stddev	.036156	.0024724	.0003940	.0001502	.002951	.0018627	.000837
%RSD	32.22449	.7247445	.7996850	1.627003	3.212835	.2604751	29.29260

#1	-.153801	.3429532	.0490805	.0091746	-.092540	.7171757	-.002672
#2	-.094457	.3421341	.0497167	.0091236	-.094385	.7146065	-.002129
#3	-.088344	.3383206	.0489961	.0094056	-.088608	.7135548	-.003772

Sample Name: J3963-14DLX4 Acquired: 7/30/2018 20:58:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2D61D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001358	.0053843	.0715068
Stddev	.0021304	.0018357	.0003271
%RSD	1569.108	34.09407	.4574857

#1	.0001340	.0072725	.0713729
#2	.0022671	.0052746	.0712678
#3	-.001994	.0036060	.0718796

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1928.888	2288.881	44643.93	4873.338	2985.315
Stddev	10.858	12.187	164.02	7.106	6.770
%RSD	.5628995	.5324370	.3673853	.1458172	.2267802

#1	1922.607	2299.928	44812.36	4865.216	2986.675
#2	1922.632	2290.908	44484.72	4876.389	2991.301
#3	1941.426	2275.808	44634.72	4878.409	2977.967

Sample Name: J3963-13LDLX20 Acquired: 7/30/2018 21:02:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2D61L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0242739	-.000235	.2505513	-.000110	.0035201	.1087249	.0023261
Stddev	.0034535	.002042	.0008684	.002453	.0007090	.0067907	.0009535
%RSD	14.22724	870.1012	.3465945	2230.762	20.14169	6.245770	40.98871

#1	.0279812	.001772	.2512587	.001793	.0028807	.1138405	.0028881
#2	.0211480	-.000166	.2495821	-.002878	.0033969	.1113137	.0012253
#3	.0236926	-.002310	.2508131	.000756	.0042826	.1010206	.0028651

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001289	.0014476	109.9117	.0030131	.0049970	.0537386	9.302051
Stddev	.0000321	.0000689	.3404	.0001122	.0001215	.0023256	.092469
%RSD	24.92874	4.759573	.3097021	3.722577	2.430714	4.327650	.9940756

#1	.0001099	.0013790	109.6059	.0029177	.0049663	.0538120	9.206896
#2	.0001660	.0014471	109.8508	.0031366	.0051309	.0513771	9.307678
#3	.0001108	.0015168	110.2785	.0029849	.0048939	.0560266	9.391578

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2157485	58.86532	.0063572	-.000685	-.003420	.0071343	.1618227
Stddev	.0006499	.36069	.0002662	.000281	.374398	.0075407	.0083053
%RSD	.3012444	.6127293	4.188152	40.97608	10946.38	105.6965	5.132331

#1	.2154598	58.47205	.0060765	-.000391	-.137772	.0053752	.1714126
#2	.2164928	58.94324	.0066061	-.000951	.419616	.0006286	.1569678
#3	.2152930	59.18069	.0063891	-.000712	-.292105	.0153990	.1570877

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.241258	.0654123	.0048826	.0015124	-.256532	.1510839	-.002491
Stddev	.046158	.0038163	.0005086	.0000209	.002623	.0012094	.000587
%RSD	19.13231	5.834260	10.41590	1.381246	1.022647	.8004951	23.57320

#1	-.208364	.0644558	.0052137	.0015358	-.254967	.1513557	-.002097
#2	-.221385	.0621651	.0042971	.0015057	-.255067	.1521343	-.002210
#3	-.294024	.0696158	.0051372	.0014956	-.259560	.1497617	-.003166

Sample Name: J3963-13LDLX20 Acquired: 7/30/2018 21:02:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2D61L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001769	.0016210	.0144761
Stddev	.0002096	.0009620	.0001163
%RSD	118.4864	59.34839	.8031579

#1	.0003567	.0019883	.0145378
#2	-.000053	.0023454	.0145485
#3	.000227	.0005294	.0143420

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2053.057	2455.477	47232.97	5024.999	3435.499
Stddev	9.167	1.674	160.97	21.211	6.219
%RSD	.4464837	.0681618	.3407911	.4221036	.1810294

#1	2042.624	2453.932	47362.68	5000.560	3442.016
#2	2056.723	2457.255	47283.39	5038.603	3434.854
#3	2059.823	2455.244	47052.82	5035.836	3429.628

Sample Name: J3963-15DLX4 Acquired: 7/30/2018 21:07:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2D61S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1457895	.0262670	1.278602	.0219350	.0717833	1.541729	1.104876
Stddev	.0069238	.0025454	.006205	.0059298	.0004305	.041782	.005444
%RSD	4.749192	9.690335	.4853208	27.03354	.5997873	2.710062	.4927243

#1	.1444520	.0243877	1.275723	.0171260	.0722785	1.550861	1.111134
#2	.1396320	.0252495	1.274359	.0201183	.0714976	1.496137	1.102259
#3	.1532845	.0291637	1.285723	.0285606	.0715738	1.578190	1.101234

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0270319	.0359768	529.5757	.1331554	.3139576	.4048618	46.29790
Stddev	.0002026	.0000349	2.3275	.0012183	.0011028	.0043090	.21822
%RSD	.7496141	.0969829	.4395059	.9149440	.3512706	1.064310	.4713296

#1	.0272623	.0359388	532.0743	.1338792	.3138444	.4098369	46.51778
#2	.0268813	.0359841	529.1839	.1317489	.3129158	.4024327	46.08139
#3	.0269521	.0360074	527.4690	.1338382	.3151128	.4023158	46.29452

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.350914	288.8340	.3080119	.0243178	.2814163	.3467145	1.092669
Stddev	.007882	1.4068	.0016129	.0001425	.3618473	.0160827	.031533
%RSD	.5834730	.4870582	.5236573	.5860663	128.5808	4.638586	2.885844

#1	1.359218	290.4535	.3079210	.0244167	.1353755	.3391785	1.079468
#2	1.349988	288.1330	.3064463	.0241545	.0154123	.3357836	1.069881
#3	1.343536	287.9153	.3096683	.0243823	.6934611	.3651814	1.128656

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.200111	.3392025	.0496799	.0090406	-.101639	.6611693	-.002602
Stddev	.013281	.0052222	.0017618	.0004306	.007241	.0033666	.001202
%RSD	6.636571	1.539540	3.546325	4.763308	7.124018	.5091942	46.20070

#1	-.199915	.3342778	.0506843	.0086983	-.109921	.6605567	-.003076
#2	-.186930	.3386514	.0507098	.0095241	-.096505	.6581511	-.003494
#3	-.213489	.3446784	.0476456	.0088994	-.098490	.6648002	-.001235

Sample Name: J3963-15DLX4 Acquired: 7/30/2018 21:07:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2D61S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001437	.0056430	.0697753
Stddev	.001161	.0010100	.0001444
%RSD	80.80487	17.89871	.2069459

#1	-.000243	.0045581	.0697512
#2	-.001505	.0065561	.0699303
#3	-.002562	.0058148	.0696445

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1938.753	2281.261	44672.19	4925.028	2970.727
Stddev	5.167	5.785	129.65	32.295	6.313
%RSD	.2664936	.2535689	.2902251	.6557241	.2125162

#1	1943.731	2281.172	44739.21	4944.650	2972.548
#2	1939.111	2287.089	44522.75	4887.754	2975.930
#3	1933.417	2275.521	44754.62	4942.678	2963.703

Sample Name: CCV081 Acquired: 7/30/2018 21:11:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV081 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.959534	4.756117	24.27354	4.696898	4.723290	407.4519	9.727640
Stddev	.008984	.018244	.08176	.012080	.014491	1.0864	.029365
%RSD	.1811540	.3835944	.3368346	.2571815	.3067913	.2666433	.3018763

#1	4.949274	4.760416	24.29315	4.700104	4.724131	406.2092	9.746917
#2	4.965998	4.736107	24.18375	4.683539	4.708397	407.9250	9.693843
#3	4.963329	4.771827	24.34371	4.707051	4.737341	408.2217	9.742160

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4870484	2.456199	404.7633	15.03310	2.497334	15.03939	409.9794
Stddev	.0041429	.009243	1.3595	.04263	.008010	.02041	2.3332
%RSD	.8506032	.3763014	.3358798	.2835906	.3207484	.1356847	.5690984

#1	.4885203	2.457050	406.1649	15.07088	2.497433	15.05689	412.6523
#2	.4902542	2.446560	403.4502	14.98688	2.489275	15.01698	408.9354
#3	.4823705	2.464987	404.6748	15.04155	2.505294	15.04430	408.3506

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.60510	401.8196	2.424593	1.232366	406.8822	2.479238	14.89919
Stddev	.06668	1.3867	.009700	.009885	.8506	.030702	.19875
%RSD	.4565305	.3451073	.4000473	.8021499	.2090643	1.238359	1.333952

#1	14.68109	403.4140	2.428548	1.230390	406.0304	2.447047	14.67008
#2	14.55637	400.8943	2.413541	1.243090	406.8845	2.482471	15.00230
#3	14.57786	401.1506	2.431690	1.223618	407.7317	2.508195	15.02520

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.2775	4.986272	5.218001	4.774607	4.718632	4.854084	4.870999
Stddev	.5183	.018328	.050806	.014740	.015097	.045363	.014569
%RSD	.3448760	.3675616	.9736630	.3087111	.3199357	.9345345	.2990953

#1	149.8934	4.978597	5.243862	4.765658	4.736061	4.856456	4.870435
#2	150.8670	4.973029	5.250674	4.766543	4.709636	4.898214	4.856720
#3	150.0722	5.007189	5.159468	4.791619	4.710199	4.807581	4.885842

Sample Name: CCV081 Acquired: 7/30/2018 21:11:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV081 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.006512	5.039786	4.991521
Stddev	.016864	.010053	.015180
%RSD	.3368454	.1994711	.3041074

#1	4.995697	5.034414	5.005682
#2	4.997895	5.033561	4.993385
#3	5.025944	5.051384	4.975495

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1776.853	2084.883	42212.95	4774.993	2752.080
Stddev	12.261	7.386	175.47	31.169	10.305
%RSD	.6900425	.3542578	.4156801	.6527639	.3744380

#1	1770.842	2086.446	42011.06	4741.016	2751.355
#2	1768.757	2091.363	42299.10	4781.698	2762.728
#3	1790.959	2076.841	42328.70	4802.263	2742.157

Sample Name: CCB081 Acquired: 7/30/2018 21:14:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB081 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002717	-.001460	.0002106	-.001376	-.000886	-.003409	.0002305
Stddev	.0024455	.002048	.0012128	.001219	.001326	.011279	.0003787
%RSD	899.9437	140.3243	575.9802	88.56964	149.7372	330.8650	164.3077

#1	-.002472	-.001853	.0011648	-.000088	.000229	.008069	.0005686
#2	.002221	-.003283	.0006211	-.002511	-.000534	-.003818	.0003017
#3	.001066	.000757	-.001154	-.001531	-.002353	-.014478	-.000179

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000022	-.000081	.0085883	-.000013	.0000621	-.000469	.0165123
Stddev	.000063	.000046	.0192838	.000689	.0002293	.003656	.0144684
%RSD	288.5535	55.89045	224.5359	5423.225	369.3365	778.7701	87.62150

#1	.000035	-.000129	-.010686	.000763	.0001855	.000985	.0016989
#2	-.000090	-.000038	.027882	-.000250	-.000202	-.004628	.0306089
#3	-.000011	-.000077	.008569	-.000552	.000203	.002235	.0172293

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005273	.0493304	.0005713	-.000180	-.633861	-.009114	-.015402
Stddev	.0005265	.0067600	.0001085	.000408	.125805	.000453	.005164
%RSD	99.85006	13.70343	18.99022	226.7783	19.84747	4.967452	33.52847

#1	.0002576	.0495420	.0005933	-.000259	-.673324	-.008817	-.015374
#2	.0001903	.0424671	.0006670	.000262	-.735203	-.009635	-.010252
#3	.0011341	.0559821	.0004534	-.000543	-.493055	-.008891	-.020580

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.146814	.0010952	.0057212	.0001544	-.307109	.0045054	.0006865
Stddev	.073866	.0009088	.0004403	.0001061	.001999	.0008083	.0009357
%RSD	50.31273	82.97621	7.696139	68.74760	.6509907	17.94052	136.2954

#1	-.061523	.0008734	.0058581	.0000522	-.309054	.0053768	-.000140
#2	-.188931	.0020943	.0060769	.0001468	-.307212	.0037801	.001702
#3	-.189988	.0003179	.0052287	.0002640	-.305060	.0043593	.000498

Sample Name: CCB081 Acquired: 7/30/2018 21:14:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v613) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB081 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000483	-.000580	-.000127
Stddev	.001150	.001410	.000063
%RSD	238.2849	243.0309	49.49934

#1	.000827	-.000975	-.000056
#2	-.000948	.000985	-.000174
#3	-.001327	-.001750	-.000150

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2094.860	2471.132	47525.12	4965.020	3556.395
Stddev	8.886	7.261	250.99	5.602	12.364
%RSD	.4242034	.2938445	.5281282	.1128382	.3476515

#1	2097.816	2475.644	47814.91	4960.630	3566.695
#2	2084.872	2474.996	47376.40	4971.330	3559.807
#3	2101.892	2462.756	47384.06	4963.100	3542.684