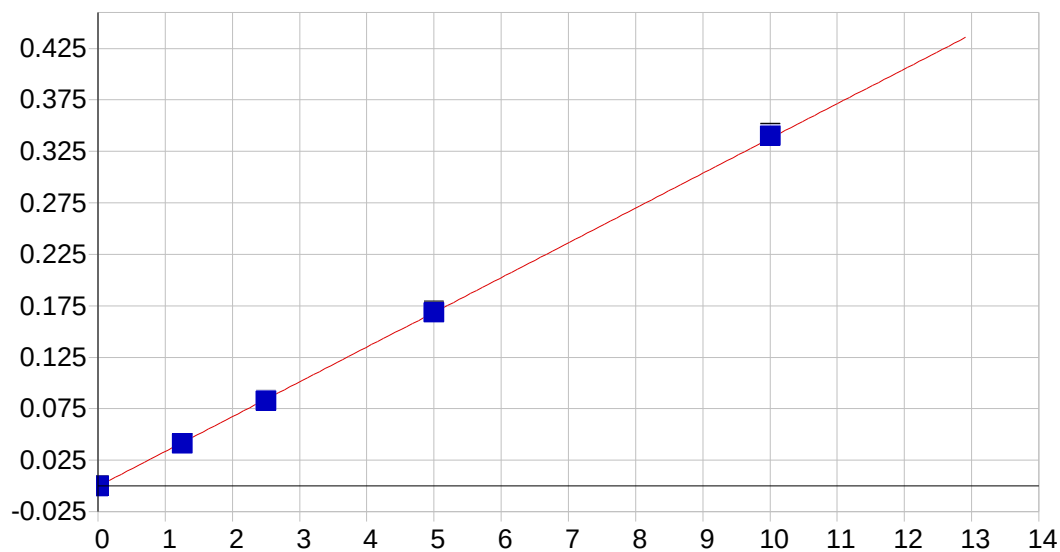


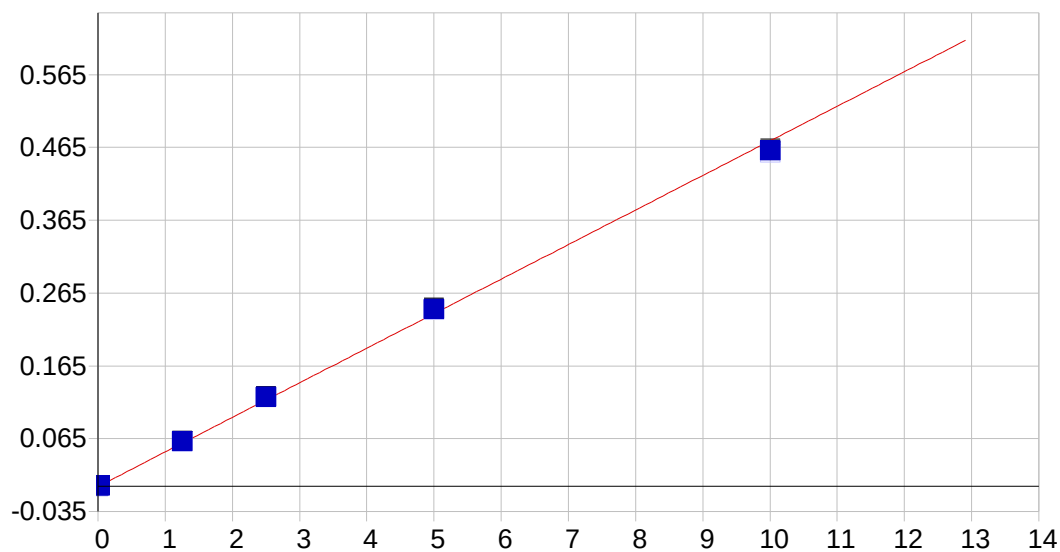


As 189.042 {479}

Date of Fit: 8/22/2018 14:17:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000302 Re-Slope: 1.000000
 A1 (Gain): 0.033783 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999942 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.004393
 Predicted MQL: 0.014644

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00030	.000	1
S1	.01000	.01151	.002	15.1	.00009	.000	1
S2	1.2500	1.2211	-.029	-2.31	.04105	.000	1
S3	2.5000	2.4580	-.042	-1.68	.08294	.000	1
S4	5.0000	4.9927	-.007	-.146	.16876	.001	1
S5	10.000	10.077	.077	.767	.34092	.002	1

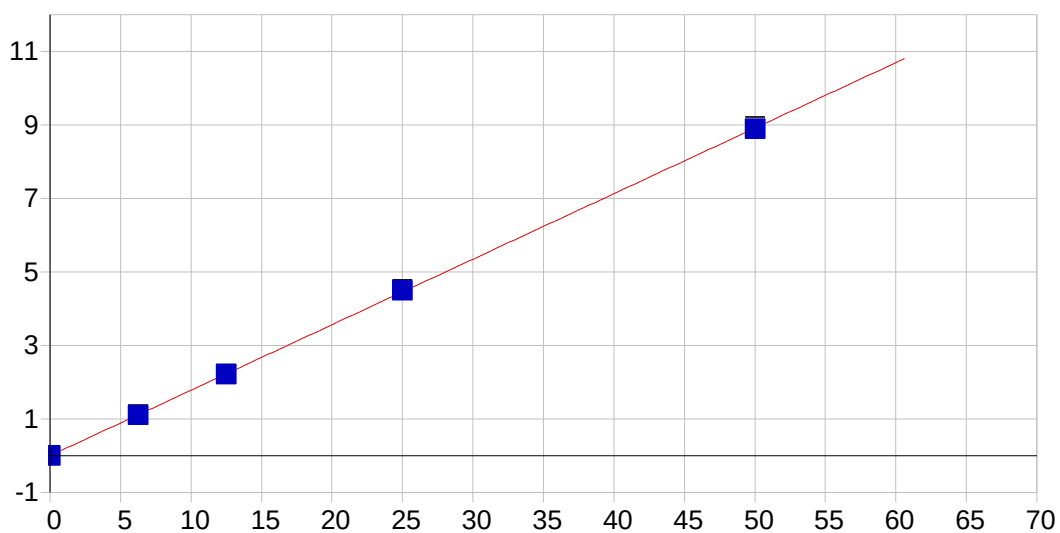


TI 190.856 {477}

Date of Fit: 8/22/2018 14:17:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000664 Re-Slope: 1.000000
 A1 (Gain): 0.047481 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999531 Status: OK.
 Std Error of Est: 0.000038
 Predicted MDL: 0.003012
 Predicted MQL: 0.010040

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00066	.000	1
S1	.02500	.02574	.001	2.95	.00054	.000	1
S2	1.2500	1.3068	.057	4.54	.06103	.000	1
S3	2.5000	2.5914	.091	3.66	.12166	.000	1
S4	5.0000	5.1329	.133	2.66	.24162	.002	1
S5	10.000	9.7182	-.282	-2.82	.45790	.002	1

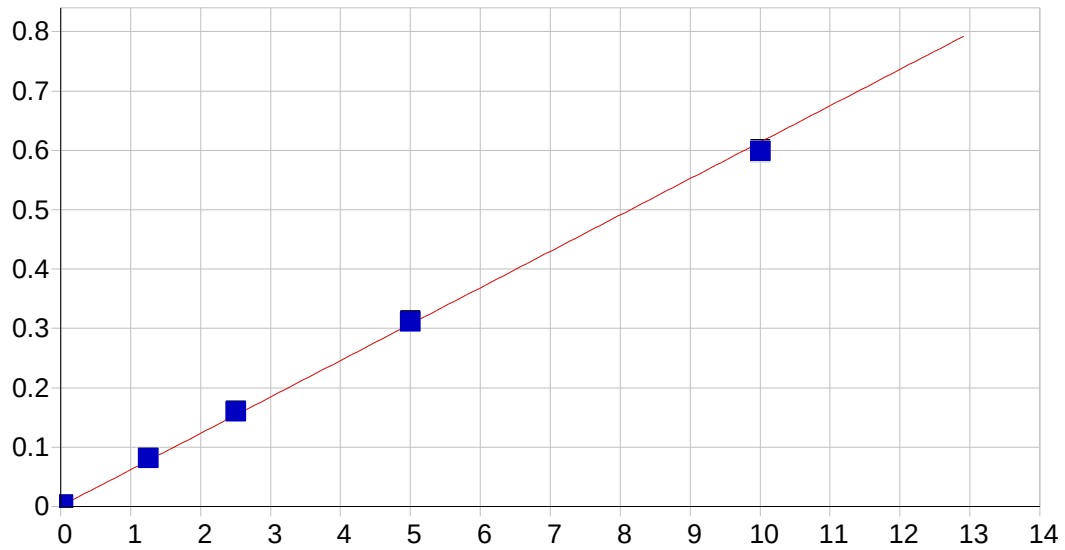


Pb 220.353 {453}

Date of Fit: 8/22/2018 14:17:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000261 Re-Slope: 1.000000
 A1 (Gain): 0.178276 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983 Status: OK.
 Std Error of Est: 0.000039
 Predicted MDL: 0.002085
 Predicted MQL: 0.006950

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00026	.000	1
S1	.01000	.01285	.003	28.5	.00204	.000	1
S2	6.2500	6.2130	-.037	-.593	1.1089	.004	1
S3	12.500	12.422	-.078	-.623	2.2174	.011	1
S4	25.000	25.199	.199	.798	4.4984	.018	1
S5	50.000	49.913	-.087	-.175	8.9103	.041	1



Date of Fit: 8/22/2018 14:17:45

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000599

Re-Slope: 1.000000

A1 (Gain): 0.061315

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999605

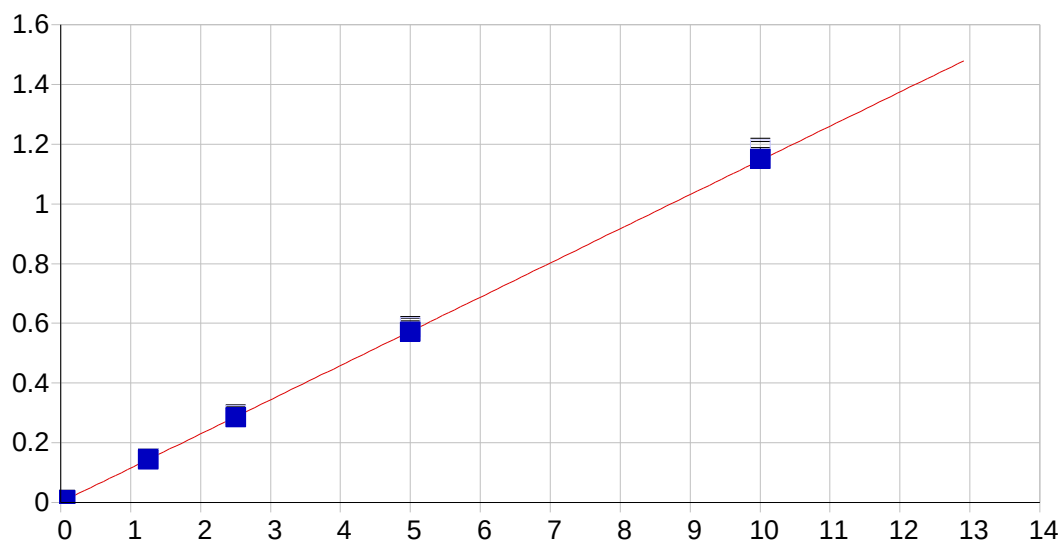
Status: OK.

Std Error of Est: 0.000054

Predicted MDL: 0.003352

Predicted MQL: 0.011172

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00060	.000	1
S1	.03500	.03780	.003	8.00	.00291	.000	1
S2	1.2500	1.3154	.065	5.23	.08089	.000	1
S3	2.5000	2.6021	.102	4.08	.15943	.001	1
S4	5.0000	5.0719	.072	1.44	.31014	.001	1
S5	10.000	9.7579	-.242	-2.42	.59603	.003	1

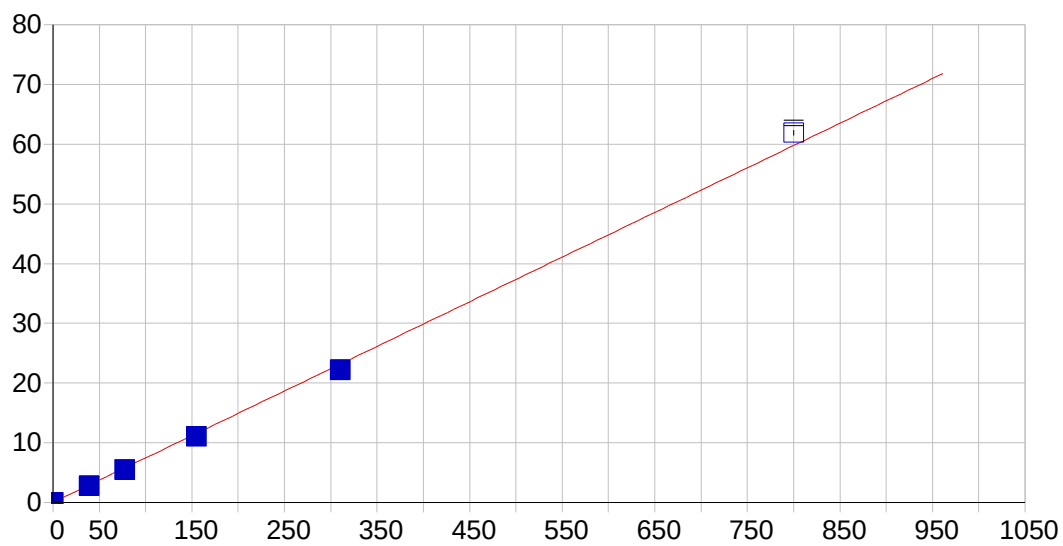


Sb 206.833 {463}

Date of Fit: 8/22/2018 14:17:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000668 Re-Slope: 1.000000
 A1 (Gain): 0.114490 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 0.002046
 Predicted MQL: 0.006820

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00067	.000	1
S1	.06000	.06438	.004	7.30	.00804	.000	1
S2	1.2500	1.2439	-.006	-.485	.14698	.001	1
S3	2.5000	2.4784	-.022	-.864	.29221	.001	1
S4	5.0000	4.9836	-.016	-.329	.58682	.003	1
S5	10.000	10.040	.040	.398	1.1813	.006	1

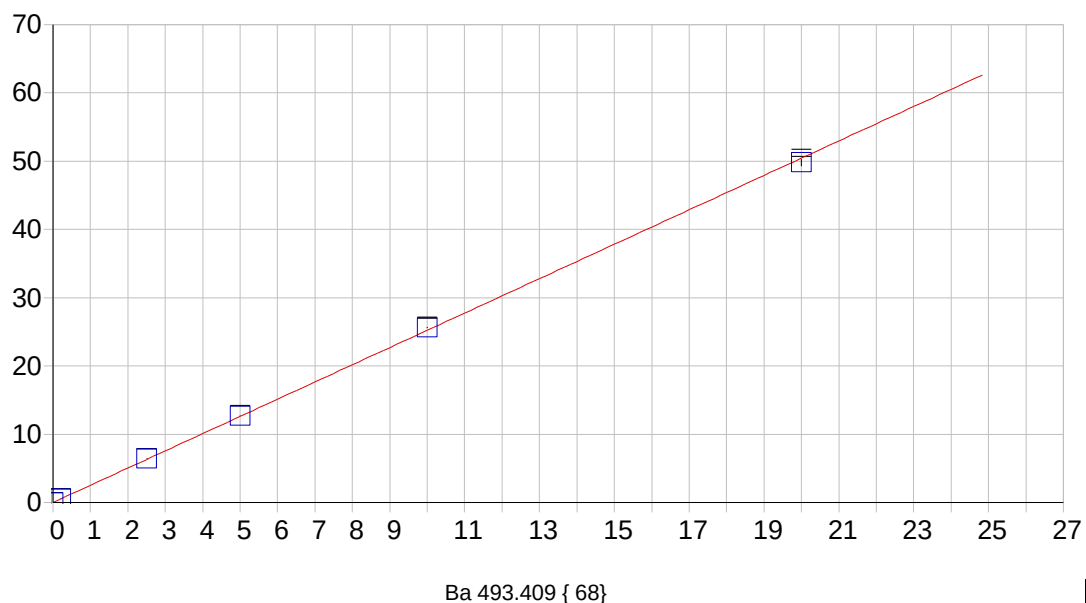


AI 396.152 { 85}

Date of Fit: 8/22/2018 14:17:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.002040	Re-Slope: 1.000000
A1 (Gain):	0.074703	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999130	Status: OK.
Std Error of Est:	0.001939	
Predicted MDL:	0.014934	
Predicted MQL:	0.049781	

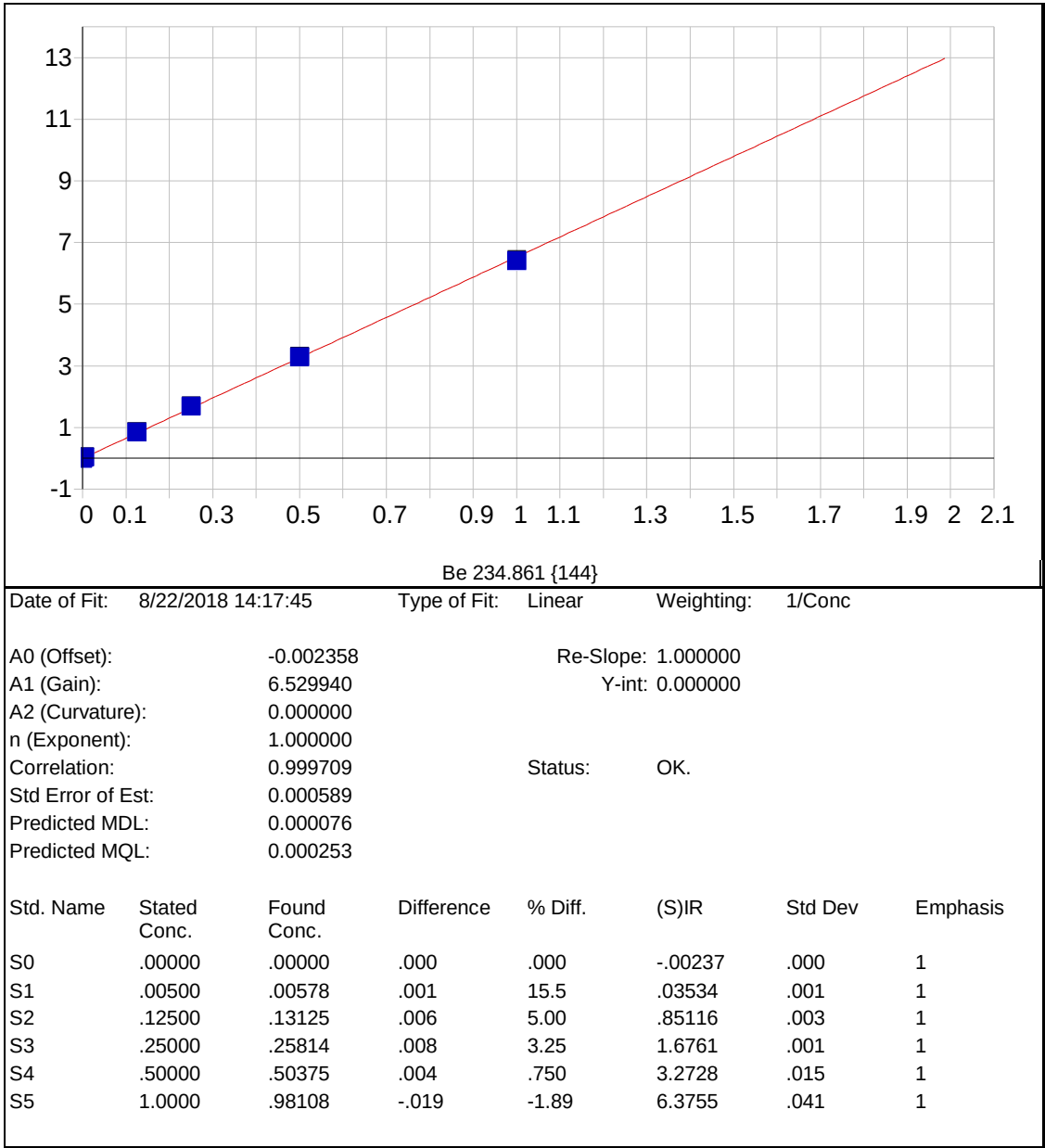
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00204	.001	1
S1	.20000	.20999	.010	5.00	.01775	.001	1
S2	38.750	36.515	-2.23	-5.77	2.7325	.009	1
S3	77.500	72.836	-4.66	-6.02	5.4485	.026	1
S4	155.00	147.33	-7.67	-4.95	11.019	.049	1
S5	310.00	296.22	-13.8	-4.45	22.152	.036	1
S6	800.00	828.37	28.4	3.55	61.883	.478	1

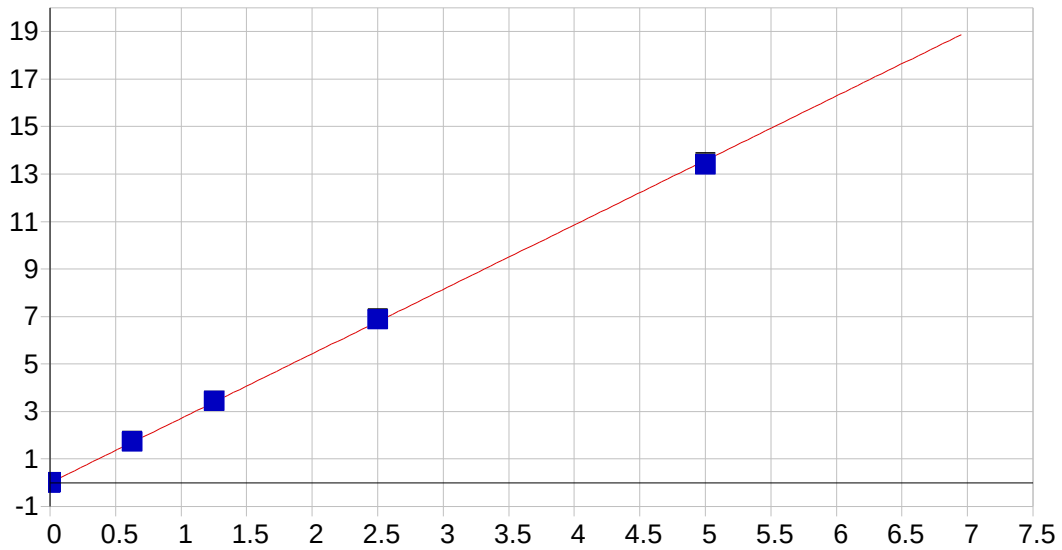


Date of Fit: 8/22/2018 14:17:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003534 Re-Slope: 1.000000
 A1 (Gain): 2.522015 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999885 Status: OK.
 Std Error of Est: 0.004064
 Predicted MDL: 0.000922
 Predicted MQL: 0.003073

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00347	.001	1
S1	.20000	.21999	.020	9.99	.55834	.001	1
S2	2.5000	2.5355	.036	1.42	6.3981	.008	1
S3	5.0000	5.0452	.045	.904	12.728	.045	1
S4	10.000	10.156	.156	1.56	25.618	.063	1
S5	20.000	19.743	-.257	-1.29	49.795	.492	1



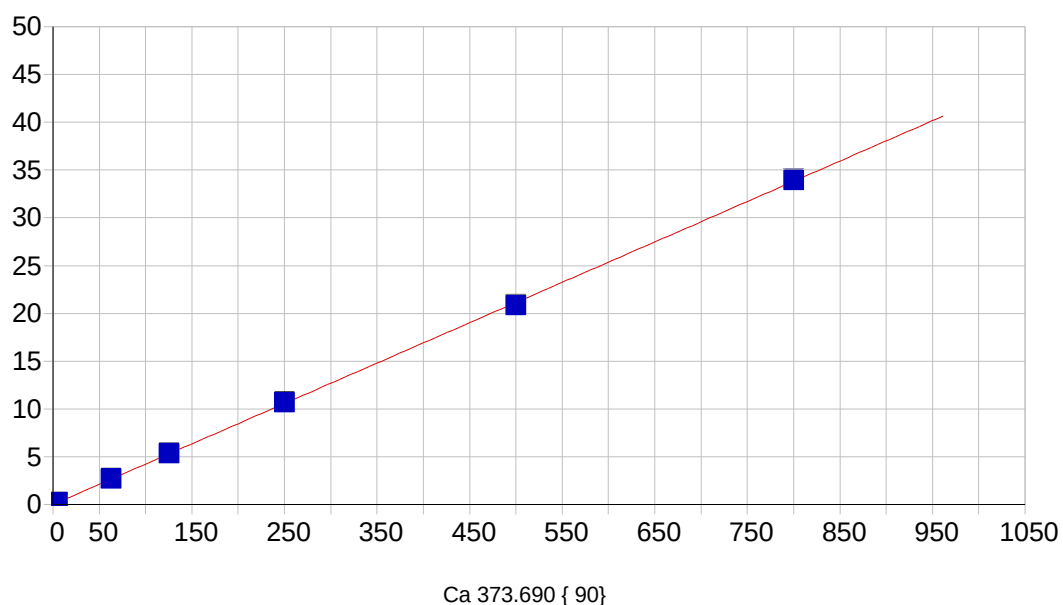


Cd 214.438 {457}

Date of Fit: 8/22/2018 14:17:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000301 Re-Slope: 1.000000
 A1 (Gain): 2.714736 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999896 Status: OK.
 Std Error of Est: 0.000328
 Predicted MDL: 0.000098
 Predicted MQL: 0.000327

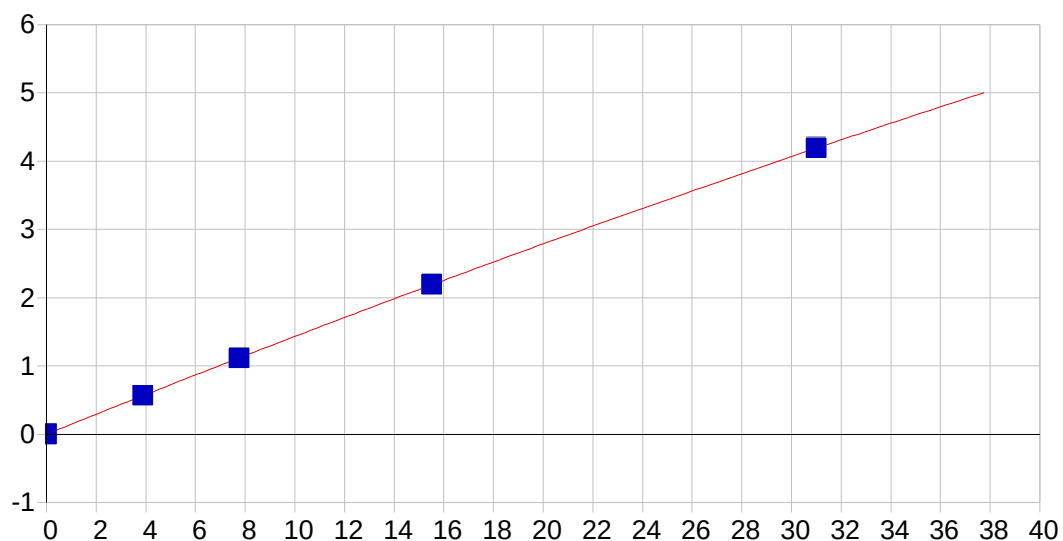
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00030	.000	1
S1	.00500	.00565	.001	12.9	.01504	.000	1
S2	.62500	.63912	.014	2.26	1.7382	.006	1
S3	1.2500	1.2691	.019	1.53	3.4519	.014	1
S4	2.5000	2.5316	.032	1.27	6.8864	.024	1
S5	5.0000	4.9345	-.065	-1.31	13.424	.051	1



Date of Fit: 8/22/2018 14:17:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003522 Re-Slope: 1.000000
 A1 (Gain): 0.042268 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999939 Status: OK.
 Std Error of Est: 0.001640
 Predicted MDL: 0.022388
 Predicted MQL: 0.074627

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00052	-.001	.000	.00350	.001	1
S1	5.0000	5.3501	.350	7.00	.22969	.000	1
S2	62.500	64.178	1.68	2.69	2.7256	.005	1
S3	125.00	126.46	1.46	1.17	5.3677	.026	1
S4	250.00	251.95	1.95	.780	10.691	.055	1
S5	500.00	492.62	-7.38	-1.48	20.901	.064	1
S6	800.00	801.93	1.93	.241	34.101	.015	1

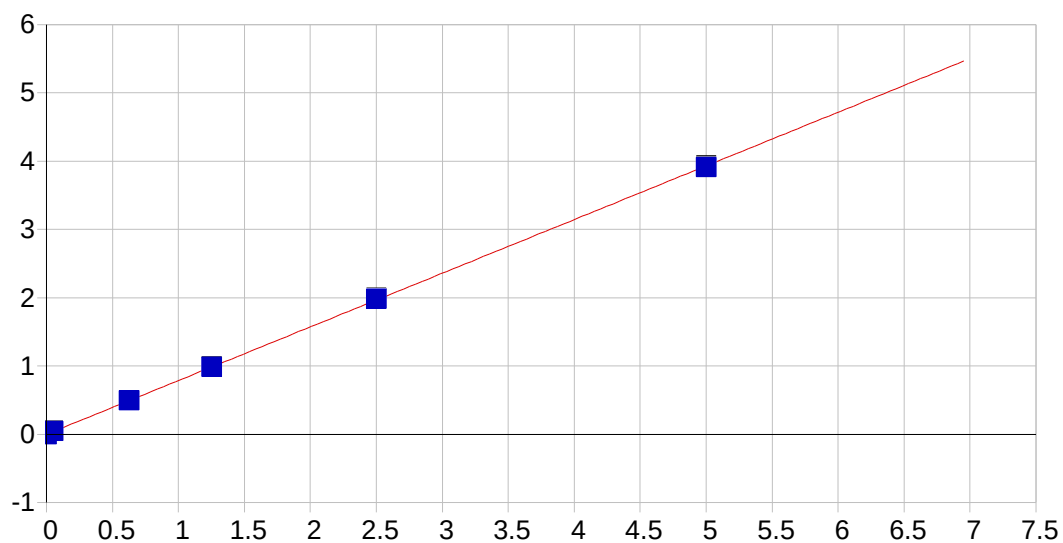


Cr 267.716 {126}

Date of Fit: 8/22/2018 14:17:45 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000020 Re-Slope: 1.000000
 A1 (Gain): 0.147196 Y-int: 0.000000
 A2 (Curvature): -0.000388
 n (Exponent): 1.000000
 Correlation: 0.999995 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.000714
 Predicted MQL: 0.002381

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00002	.000	1
S1	.01000	.01134	.001	13.4	.00169	.000	1
S2	3.8750	3.8948	.020	.510	.56844	.000	1
S3	7.7500	7.7067	-.043	-.559	1.1134	.002	1
S4	15.500	15.528	.028	.181	2.1962	.005	1
S5	31.000	30.994	-.006	-.019	4.1979	.009	1

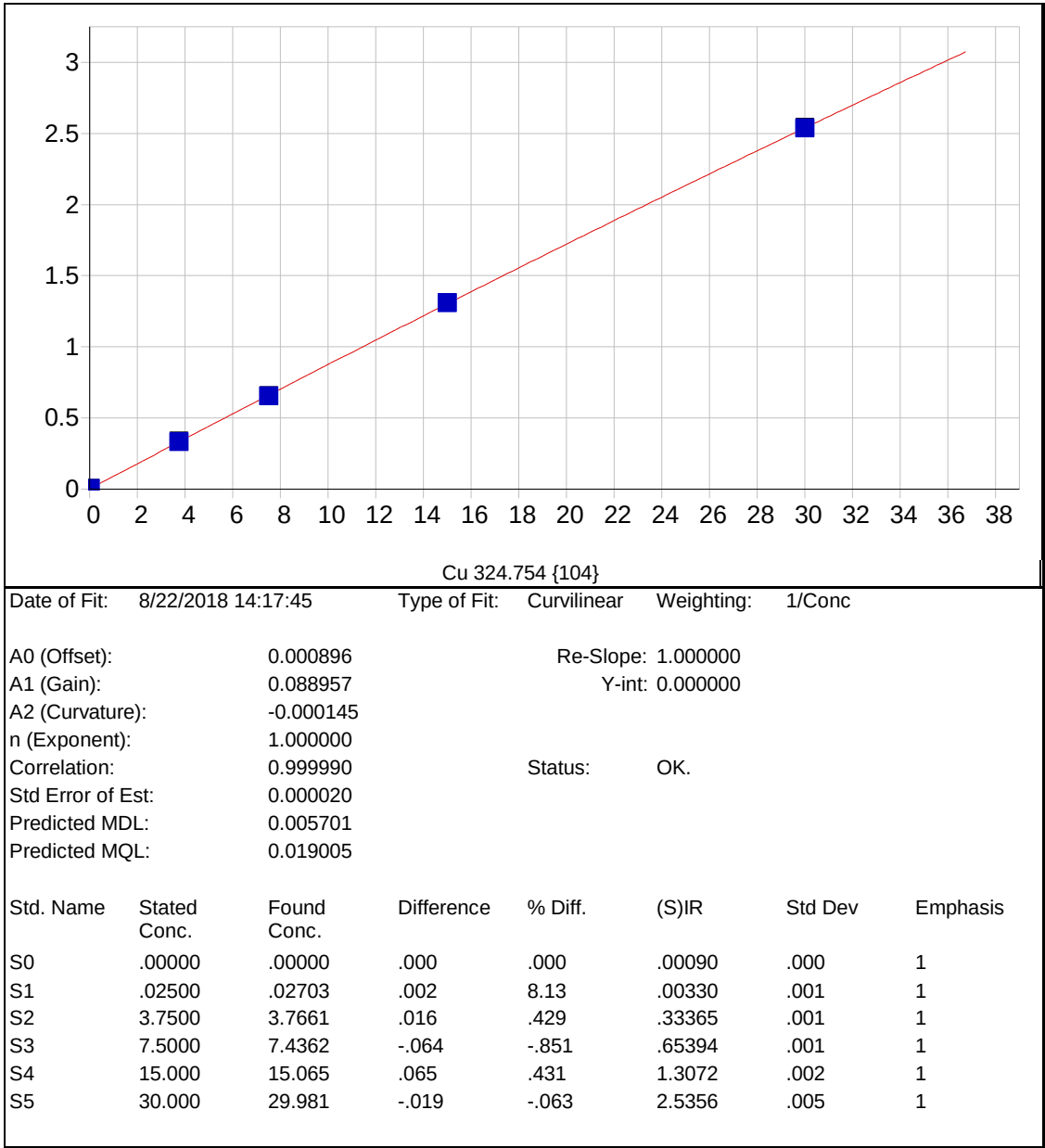


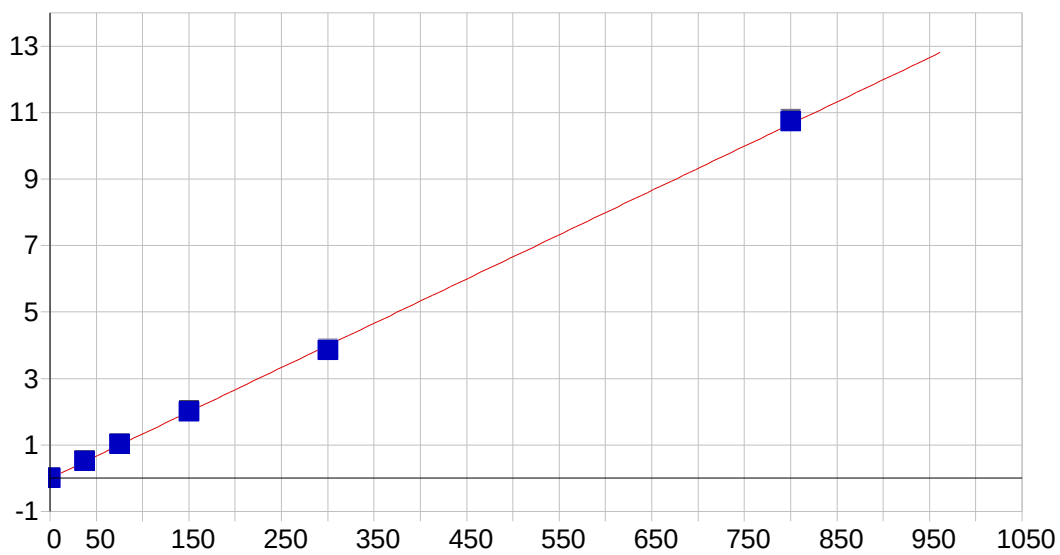
Co 228.616 {448}

Date of Fit: 8/22/2018 14:17:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000551 Re-Slope: 1.000000
 A1 (Gain): 0.786299 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968 Status: OK.
 Std Error of Est: 0.000166
 Predicted MDL: 0.000322
 Predicted MQL: 0.001073

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00055	.000	1
S1	.05000	.05305	.003	6.10	.04131	.000	1
S2	.62500	.62538	.000	.061	.49216	.002	1
S3	1.2500	1.2504	.000	.031	.98457	.005	1
S4	2.5000	2.5249	.025	.995	1.9886	.009	1
S5	5.0000	4.9713	-.029	-.574	3.9162	.019	1



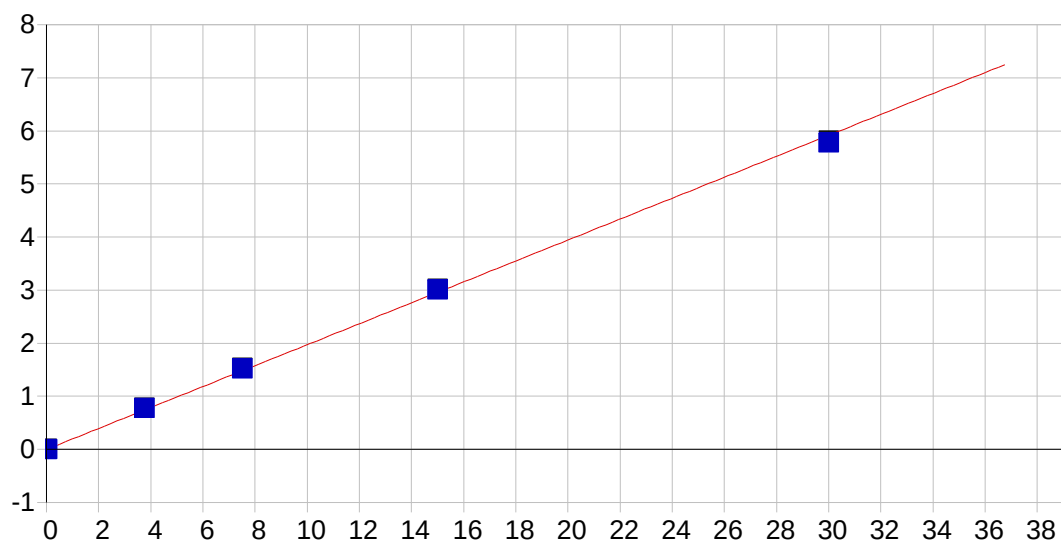


Fe 259.837 {130}

Date of Fit: 8/22/2018 14:17:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000088 Re-Slope: 1.000000
 A1 (Gain): 0.013317 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999816 Status: OK.
 Std Error of Est: 0.000112
 Predicted MDL: 0.020537
 Predicted MQL: 0.068456

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00009	.000	1
S1	.10000	.12482	.025	24.8	.00178	.000	1
S2	37.500	39.054	1.55	4.14	.52286	.000	1
S3	75.000	76.719	1.72	2.29	1.0271	.006	1
S4	150.00	150.97	.971	.647	2.0213	.012	1
S5	300.00	289.80	-10.2	-3.40	3.8808	.011	1
S6	800.00	805.94	5.94	.743	10.782	.012	1

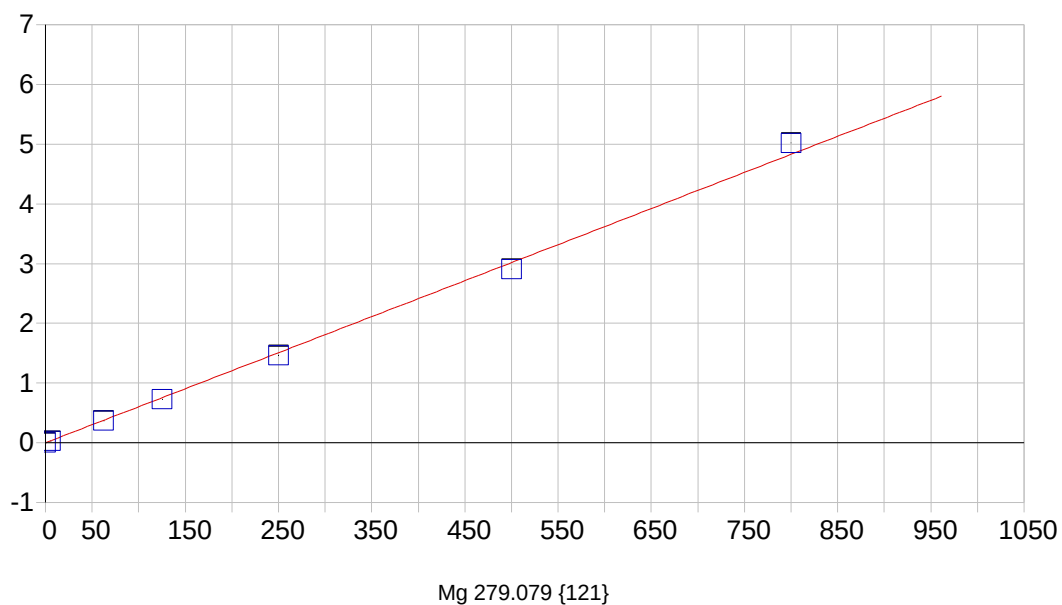


Mn 257.610 {131}

Date of Fit: 8/22/2018 14:17:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000064 Re-Slope: 1.000000
 A1 (Gain): 0.197183 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999668 Status: OK.
 Std Error of Est: 0.000181
 Predicted MDL: 0.001369
 Predicted MQL: 0.004562

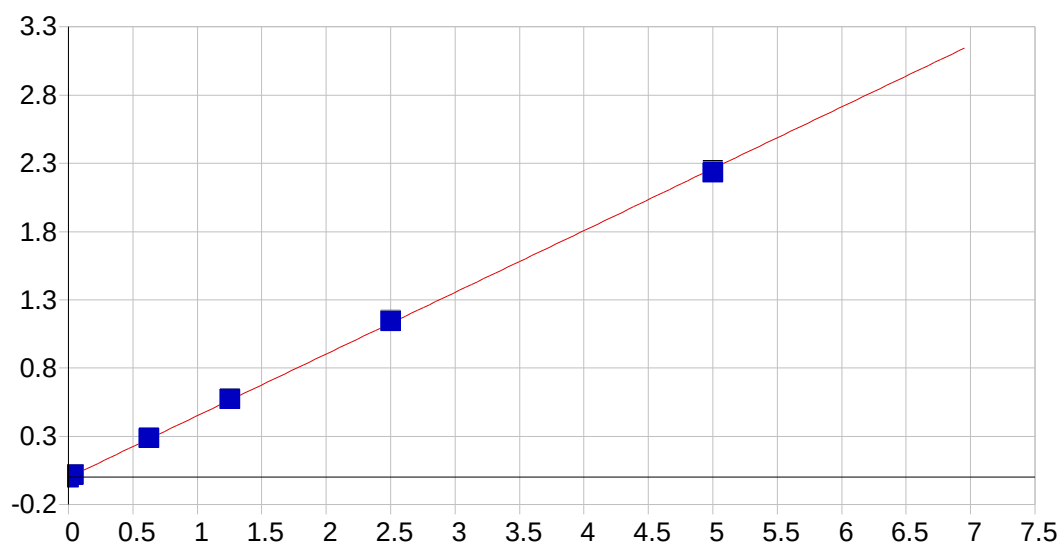
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00006	.000	1
S1	.01500	.01746	.002	16.4	.00351	.000	1
S2	3.7500	3.9500	.200	5.33	.77910	.001	1
S3	7.5000	7.7286	.229	3.05	1.5243	.007	1
S4	15.000	15.246	.246	1.64	3.0071	.017	1
S5	30.000	29.323	-.677	-2.26	5.7833	.025	1



Date of Fit: 8/22/2018 14:17:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000102 Re-Slope: 1.000000
 A1 (Gain): 0.006034 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999314 Status: OK.
 Std Error of Est: 0.000780
 Predicted MDL: 0.056618
 Predicted MQL: 0.188728

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00030	.000	.000	-.00010	.000	1
S1	5.0000	5.1796	.180	3.59	.03115	.000	1
S2	62.500	60.452	-2.05	-3.28	.36469	.001	1
S3	125.00	120.31	-4.69	-3.75	.72593	.003	1
S4	250.00	242.69	-7.31	-2.93	1.4644	.007	1
S5	500.00	481.93	-18.1	-3.61	2.9081	.007	1
S6	800.00	831.94	31.9	3.99	5.0202	.008	1

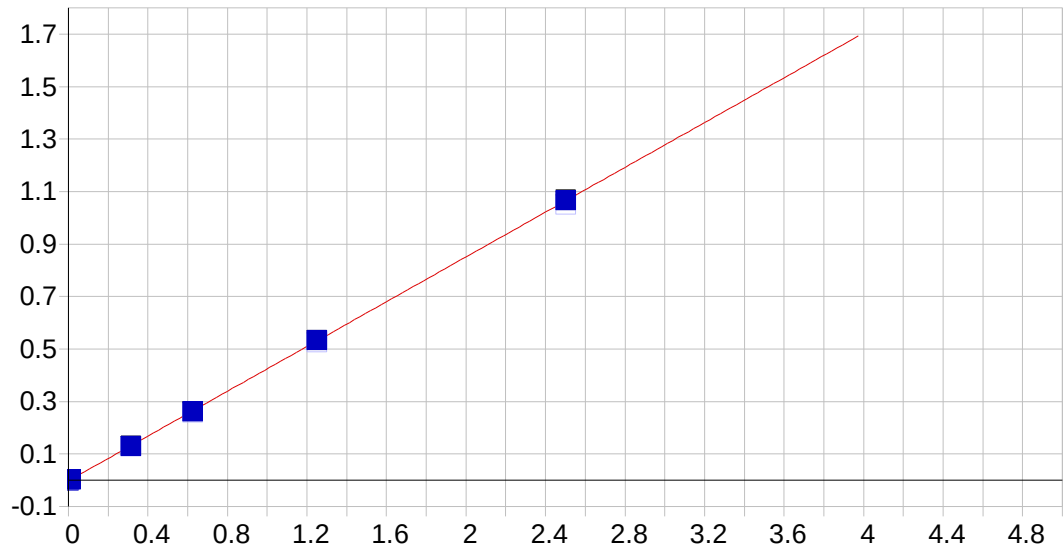


Ni 231.604 {446}

Date of Fit: 8/22/2018 14:17:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002060 Re-Slope: 1.000000
 A1 (Gain): 0.452512 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999892 Status: OK.
 Std Error of Est: 0.000158
 Predicted MDL: 0.000575
 Predicted MQL: 0.001917

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00206	.000	1
S1	.04000	.04452	.005	11.3	.01809	.000	1
S2	.62500	.63518	.010	1.63	.28595	.002	1
S3	1.2500	1.2651	.015	1.21	.57157	.002	1
S4	2.5000	2.5321	.032	1.28	1.1461	.004	1
S5	5.0000	4.9381	-.062	-1.24	2.2372	.011	1

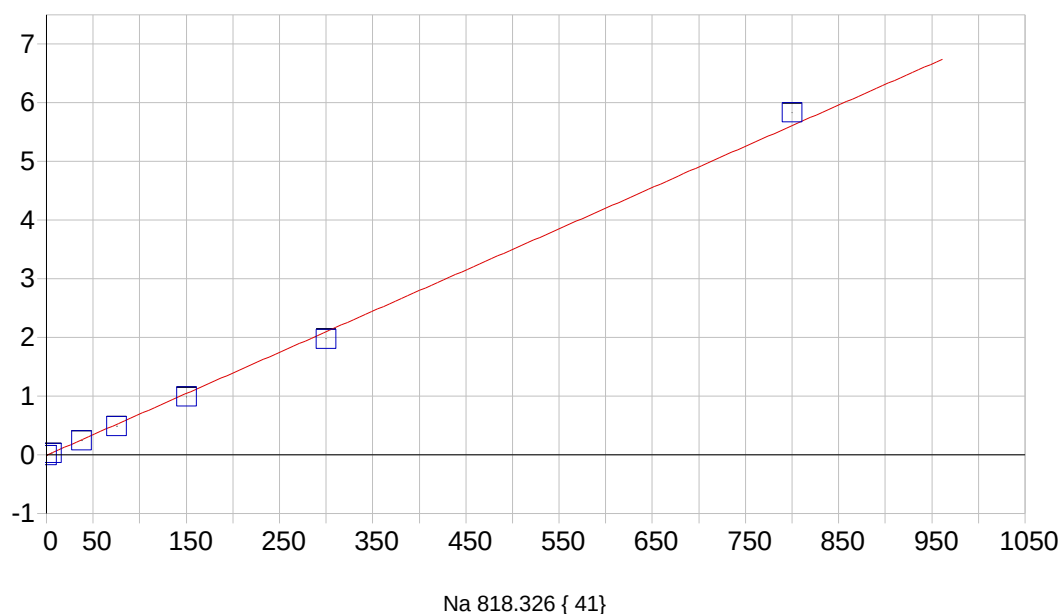


Ag 328.068 {103}

Date of Fit: 8/22/2018 14:17:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002083 Re-Slope: 1.000000
 A1 (Gain): 0.426511 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999975 Status: OK.
 Std Error of Est: 0.000025
 Predicted MDL: 0.000514
 Predicted MQL: 0.001712

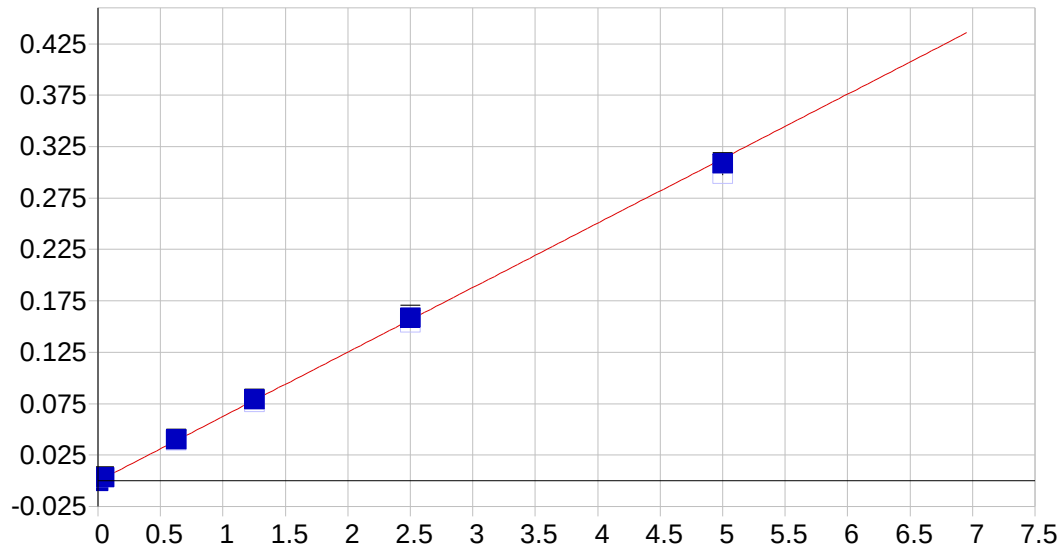
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00208	.000	1
S1	.01000	.01098	.001	9.77	.00257	.000	1
S2	.31250	.30953	-.003	-.950	.12791	.001	1
S3	.62500	.61811	-.007	-1.10	.25749	.001	1
S4	1.2500	1.2548	.005	.388	.52501	.001	1
S5	2.5000	2.5040	.004	.161	1.0497	.003	1



Date of Fit: 8/22/2018 14:17:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007892 Re-Slope: 1.000000
 A1 (Gain): 0.007022 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998887 Status: OK.
 Std Error of Est: 0.001025
 Predicted MDL: 0.324737
 Predicted MQL: 1.082458

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00073	.001	.000	-.00789	.001	1
S1	5.0000	5.1945	.195	3.89	.02858	.001	1
S2	37.500	35.399	-2.10	-5.60	.24067	.001	1
S3	75.000	70.746	-4.25	-5.67	.48888	.002	1
S4	150.00	141.79	-8.21	-5.47	.98776	.003	1
S5	300.00	282.79	-17.2	-5.74	1.9779	.005	1
S6	800.00	831.58	31.6	3.95	5.8314	.006	1

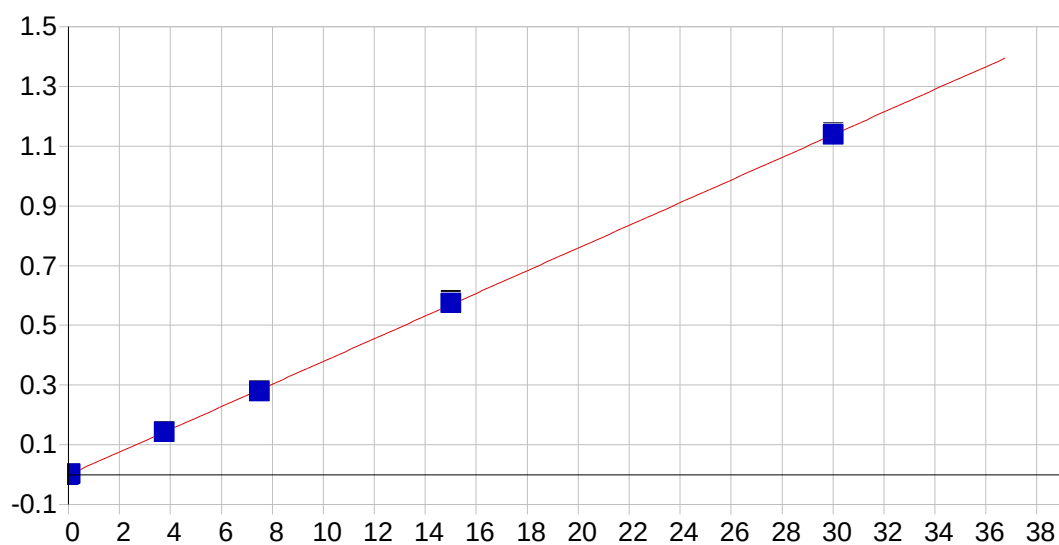


V 292.402 {115}

Date of Fit: 8/22/2018 14:17:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000200 Re-Slope: 1.000000
 A1 (Gain): 0.062708 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999813 Status: OK.
 Std Error of Est: 0.000031
 Predicted MDL: 0.006525
 Predicted MQL: 0.021749

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00020	.000	1
S1	.05000	.05651	.007	13.0	.00334	.000	1
S2	.62500	.64600	.021	3.36	.03902	.000	1
S3	1.2500	1.2638	.014	1.11	.07647	.000	1
S4	2.5000	2.5337	.034	1.35	.15351	.002	1
S5	5.0000	4.9248	-.075	-1.50	.29828	.001	1

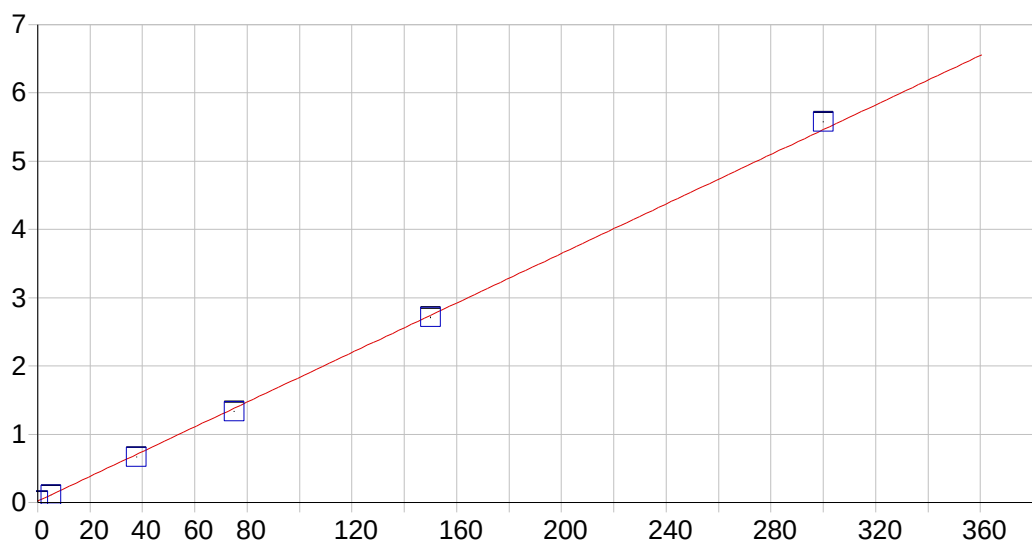


Zn 213.856 {158}

Date of Fit: 8/22/2018 14:17:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000412 Re-Slope: 1.000000
 A1 (Gain): 0.037953 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999959 Status: OK.
 Std Error of Est: 0.000025
 Predicted MDL: 0.013408
 Predicted MQL: 0.044694

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00041	.000	1
S1	.06000	.06843	.008	14.1	.00219	.000	1
S2	3.7500	3.7433	-.007	-.180	.14232	.002	1
S3	7.5000	7.3689	-.131	-1.75	.28060	.001	1
S4	15.000	15.133	.133	.886	.57660	.006	1
S5	30.000	29.997	-.003	-.012	1.1434	.002	1

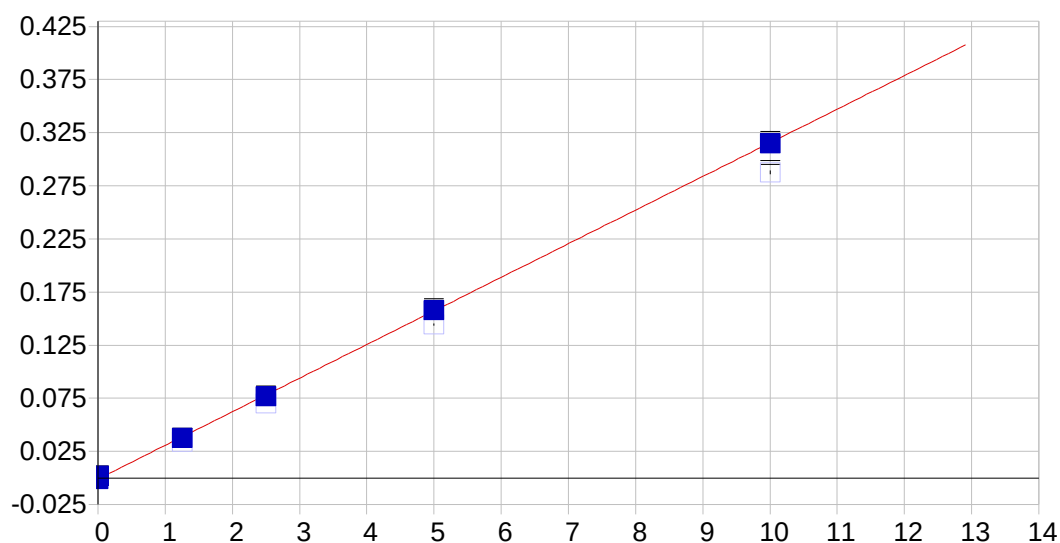


K 769.896 { 44}

Date of Fit: 8/22/2018 14:17:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.020409 Re-Slope: 1.000000
 A1 (Gain): 0.018138 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999699 Status: OK.
 Std Error of Est: 0.000918
 Predicted MDL: 0.106458
 Predicted MQL: 0.354861

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00047	.000	.000	.02042	.001	1
S1	5.0000	4.9151	-.085	-1.70	.10956	.001	1
S2	37.500	35.560	-1.94	-5.17	.66537	.001	1
S3	75.000	72.332	-2.67	-3.56	1.3323	.007	1
S4	150.00	148.46	-1.54	-1.02	2.7132	.012	1
S5	300.00	306.23	6.23	2.08	5.5747	.009	1

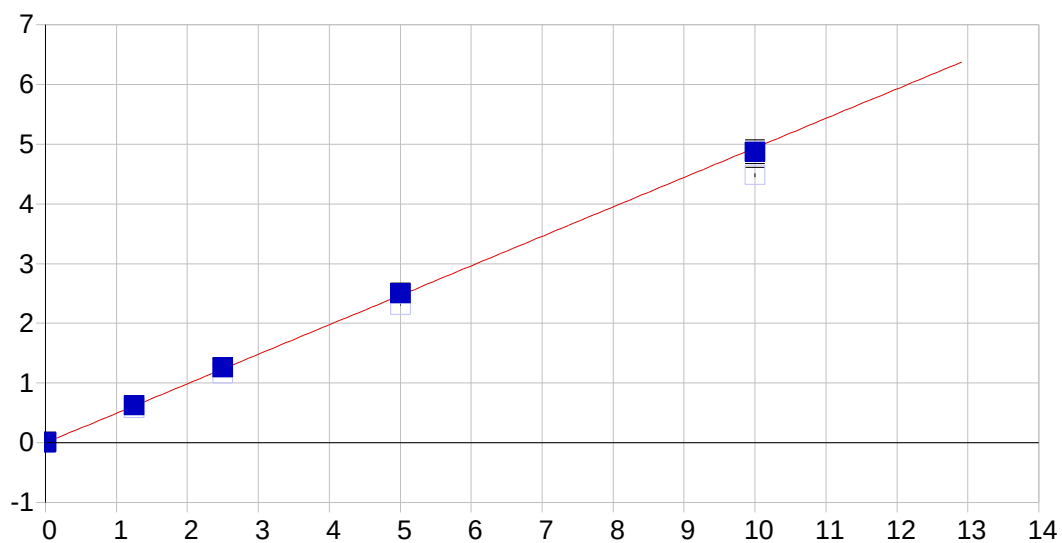


P 177.495 {490}

Date of Fit: 8/22/2018 14:17:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001002 Re-Slope: 1.000000
 A1 (Gain): 0.031650 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.979834 Status: OK.
 Std Error of Est: 0.000099
 Predicted MDL: 0.003395
 Predicted MQL: 0.011315

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00008	.000	.000	-.00100	.000	1
S1	.01000	.09052	.081	805.	.00184	.000	1
S2	1.2500	1.2082	-.042	-3.34	.03383	.000	1
S3	2.5000	2.4541	-.046	-1.84	.06985	.000	1
S4	5.0000	5.0243	.024	.486	.14437	.001	1
S5	10.000	9.9810	-.019	-.190	.28760	.002	1

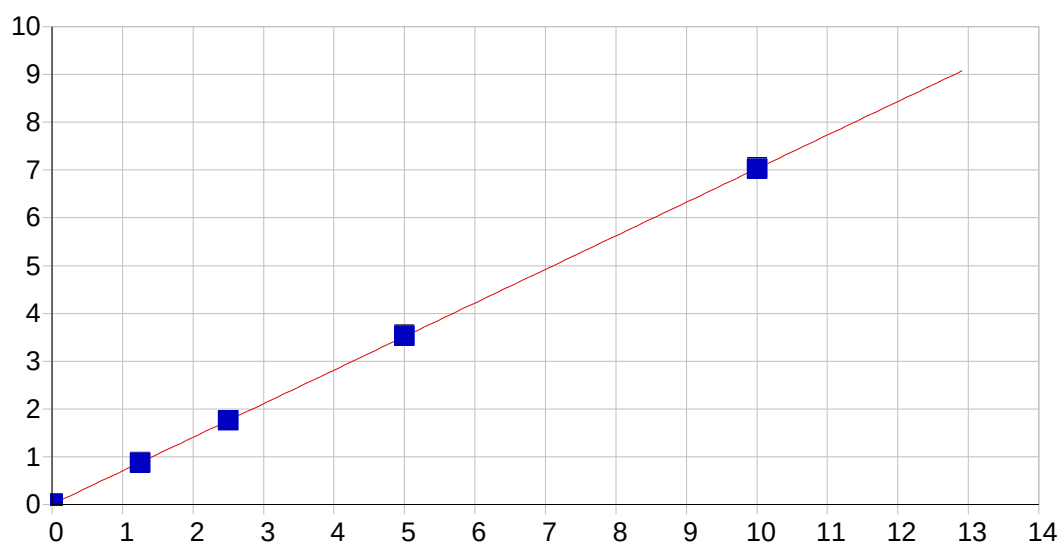


B 249.678 {135}

Date of Fit: 8/22/2018 14:17:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000023 Re-Slope: 1.000000
 A1 (Gain): 0.493746 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999869 Status: OK.
 Std Error of Est: 0.000123
 Predicted MDL: 0.001188
 Predicted MQL: 0.003958

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00002	.000	1
S1	.01000	.01220	.002	22.0	.00595	.001	1
S2	1.2500	1.2712	.021	1.70	.57881	.001	1
S3	2.5000	2.5458	.046	1.83	1.1592	.005	1
S4	5.0000	5.0617	.062	1.23	2.3037	.008	1
S5	10.000	9.8690	-.131	-1.31	4.4817	.033	1

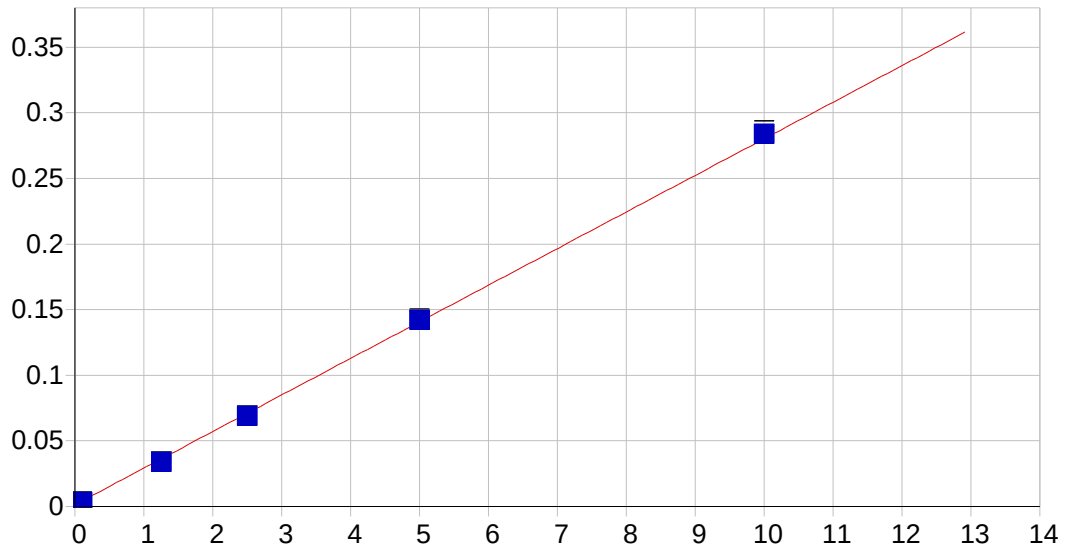


Mo 202.030 {467}

Date of Fit: 8/22/2018 14:17:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000808 Re-Slope: 1.000000
 A1 (Gain): 0.702788 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999998 Status: OK.
 Std Error of Est: 0.000022
 Predicted MDL: 0.000334
 Predicted MQL: 0.001114

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00081	.000	1
S1	.01000	.01024	.000	2.42	.00800	.000	1
S2	1.2500	1.2482	-.002	-.145	.87798	.004	1
S3	2.5000	2.4903	-.010	-.389	1.7509	.008	1
S4	5.0000	5.0104	.010	.209	3.5219	.020	1
S5	10.000	10.001	.001	.009	7.0290	.025	1

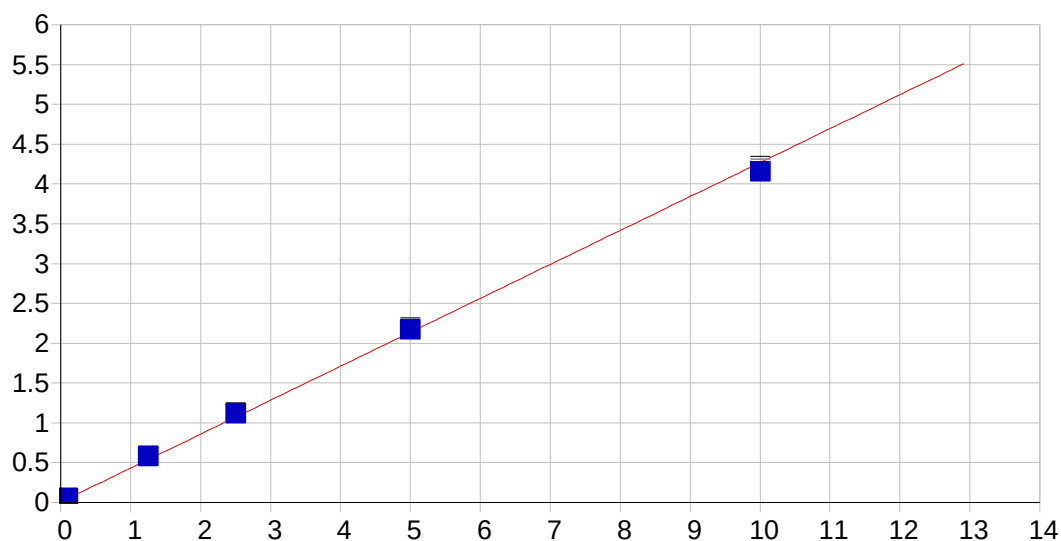


S 182.034 {485}

Date of Fit: 8/22/2018 14:17:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001338 Re-Slope: 1.000000
 A1 (Gain): 0.027886 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999622 Status: OK.
 Std Error of Est: 0.000041
 Predicted MDL: 0.004903
 Predicted MQL: 0.016344

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00134	.000	1
S1	.10000	.07856	-.021	-21.4	.00353	.000	1
S2	1.2500	1.1710	-.079	-6.32	.03400	.000	1
S3	2.5000	2.4217	-.078	-3.13	.06889	.000	1
S4	5.0000	5.0431	.043	.863	.14202	.001	1
S5	10.000	10.136	.136	1.36	.28407	.002	1

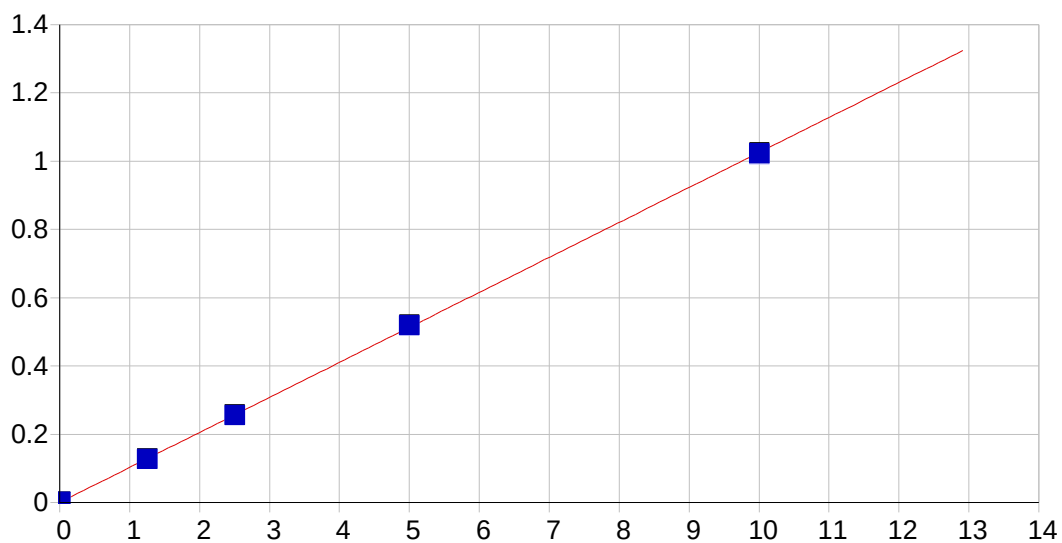


Si 251.611 {134}

Date of Fit: 8/22/2018 14:17:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006095 Re-Slope: 1.000000
 A1 (Gain): 0.426239 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999493 Status: OK.
 Std Error of Est: 0.000727
 Predicted MDL: 0.001388
 Predicted MQL: 0.004628

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00609	.001	1
S1	.10000	.10562	.006	5.62	.05126	.001	1
S2	1.2500	1.3385	.088	7.08	.58097	.003	1
S3	2.5000	2.5993	.099	3.97	1.1227	.004	1
S4	5.0000	5.0818	.082	1.64	2.1896	.009	1
S5	10.000	9.7248	-.275	-2.75	4.1861	.035	1

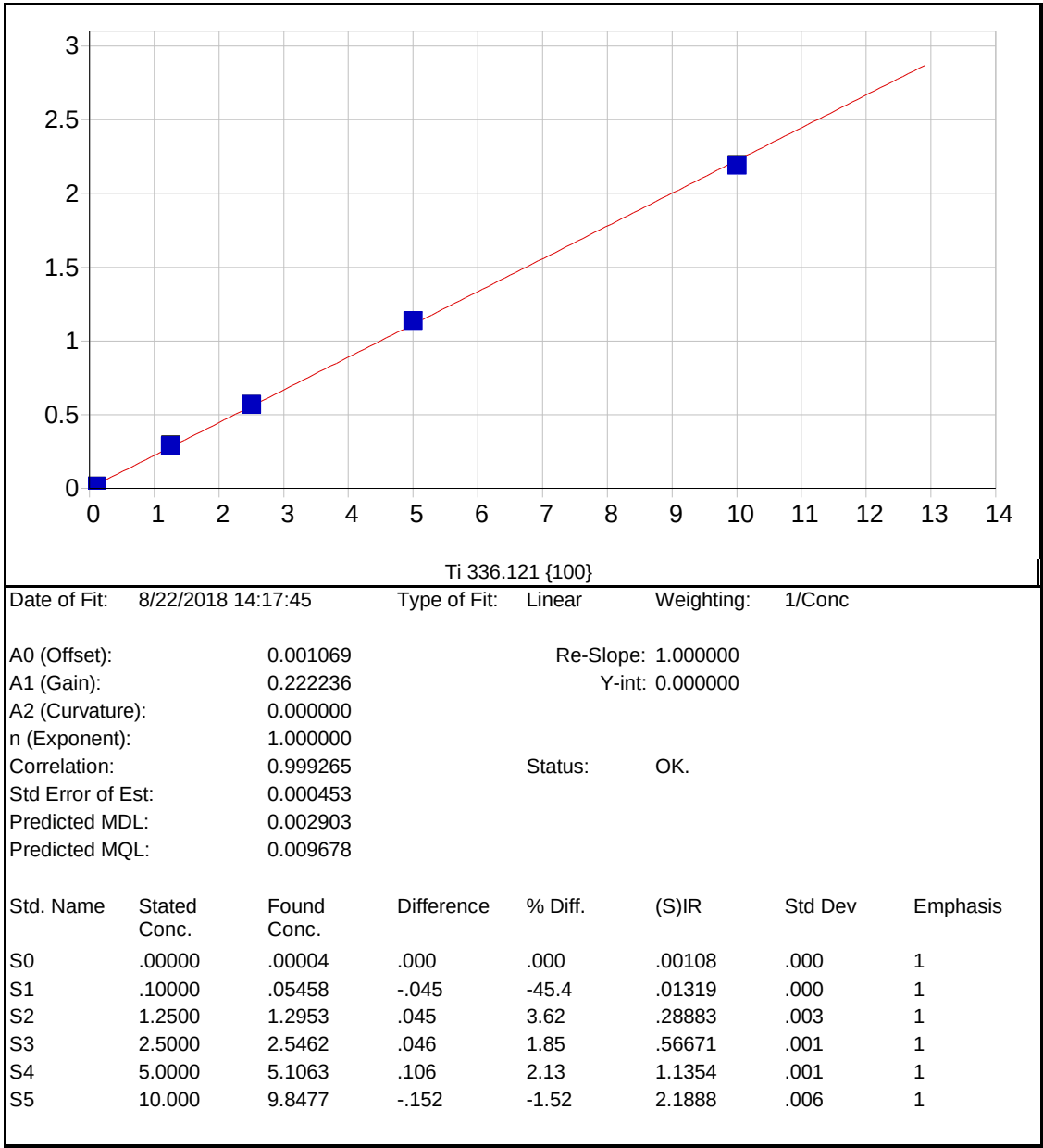


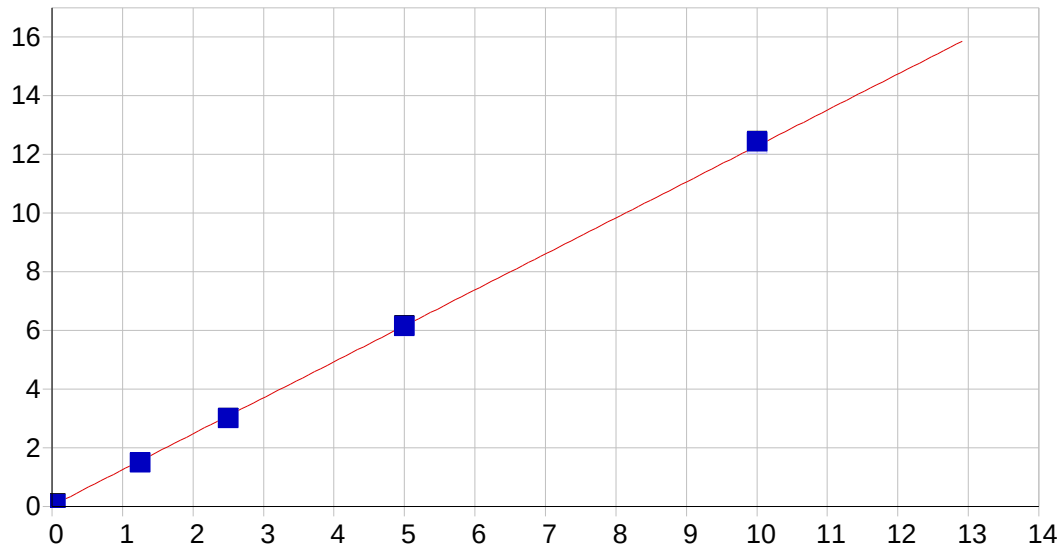
Sn 189.989 {478}

Date of Fit: 8/22/2018 14:17:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000302 Re-Slope: 1.000000
 A1 (Gain): 0.102543 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.001310
 Predicted MQL: 0.004367

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00030	.000	1
S1	.00700	.00668	.000	-4.58	.00096	.000	1
S2	1.2500	1.2422	-.008	-.622	.12740	.001	1
S3	2.5000	2.4957	-.004	-.172	.25565	.001	1
S4	5.0000	5.0530	.053	1.06	.51732	.002	1
S5	10.000	9.9594	-.041	-.406	1.0193	.004	1



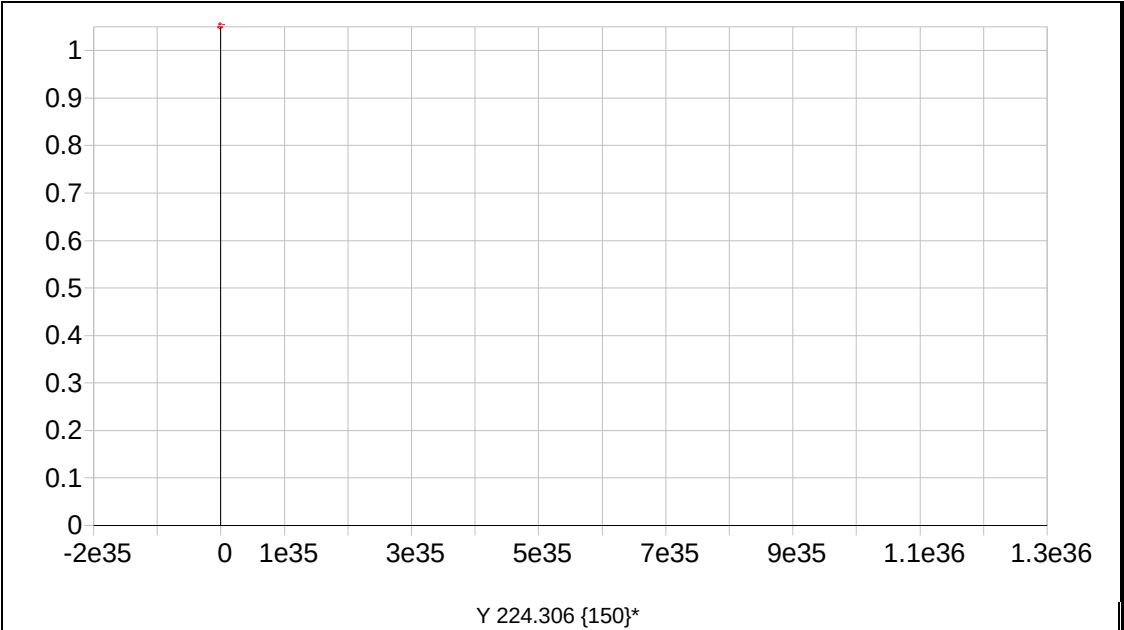


Li 670.784 { 50}

Date of Fit: 8/22/2018 14:17:45 Type of Fit: Linear Weighting: 1/Conc

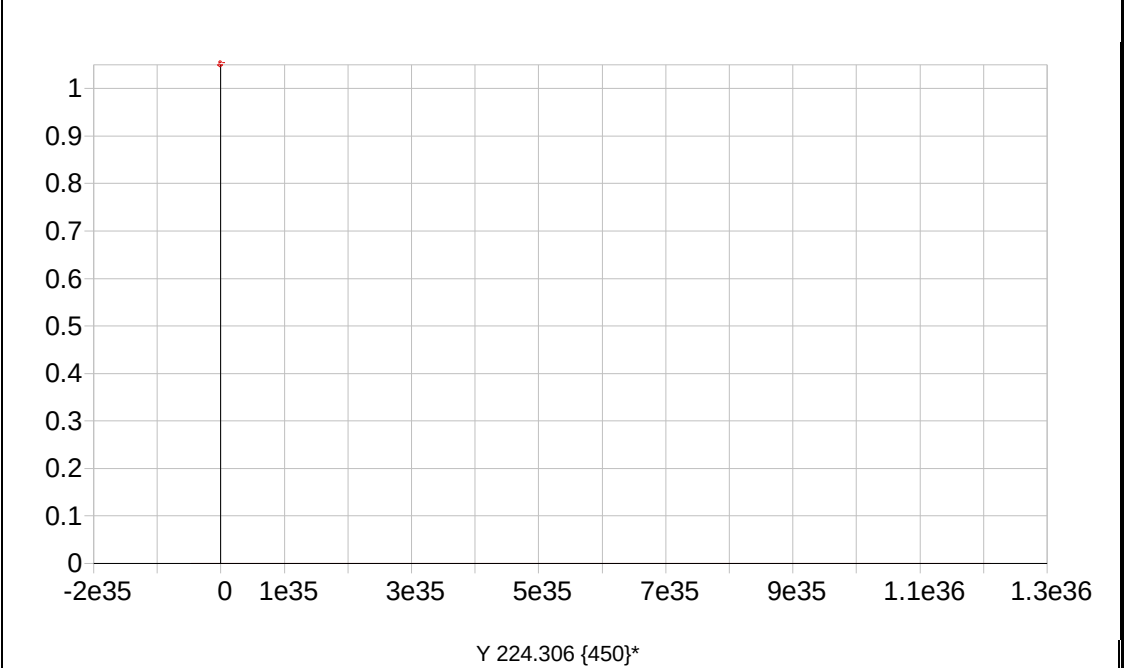
A0 (Offset): 0.026705 Re-Slope: 1.000000
 A1 (Gain): 1.226346 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999841 Status: OK.
 Std Error of Est: 0.000816
 Predicted MDL: 0.001964
 Predicted MQL: 0.006547

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.02671	.000	1
S5	10.000	10.122	.122	1.22	12.371	.022	1
S4	5.0000	5.0026	.003	.051	6.1271	.008	1
S3	2.5000	2.4302	-.070	-2.79	2.9897	.006	1
S2	1.2500	1.1998	-.050	-4.02	1.4894	.004	1
S1	.05000	.04531	-.005	-9.39	.08214	.002	1

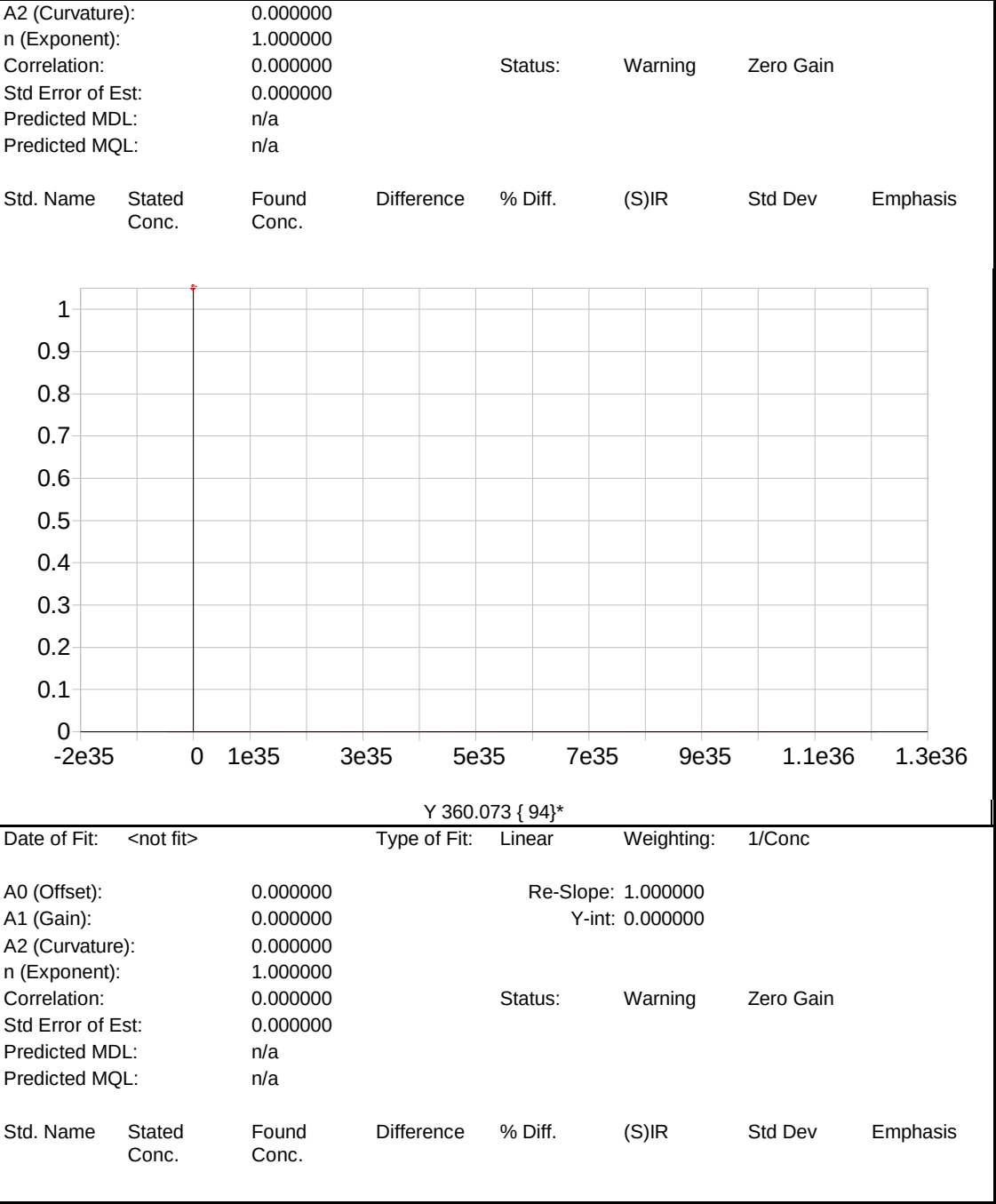


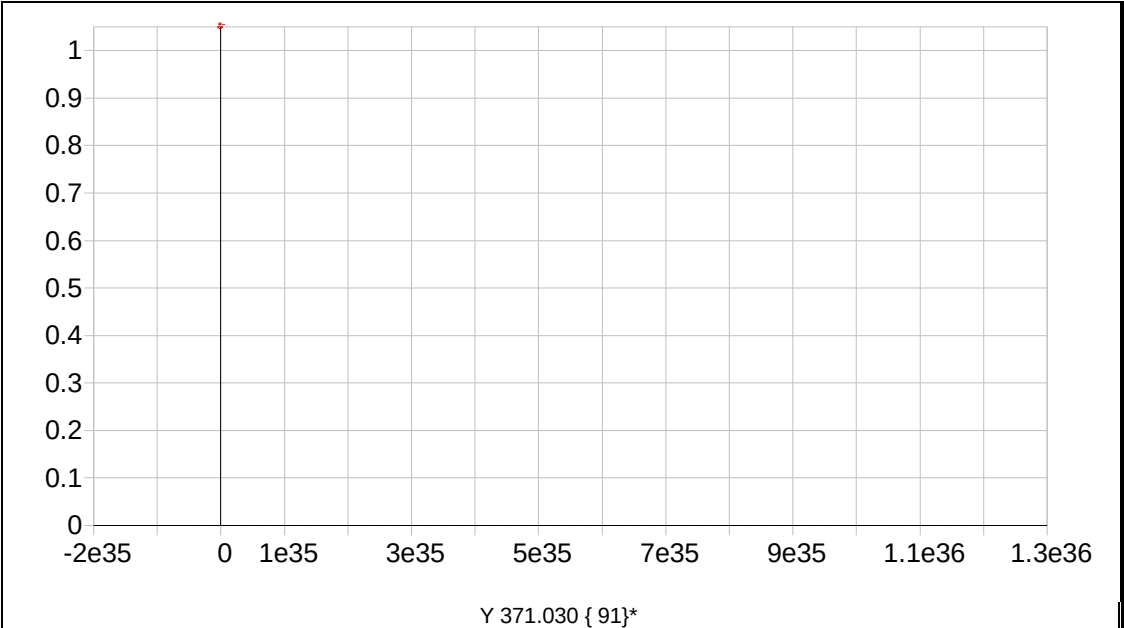
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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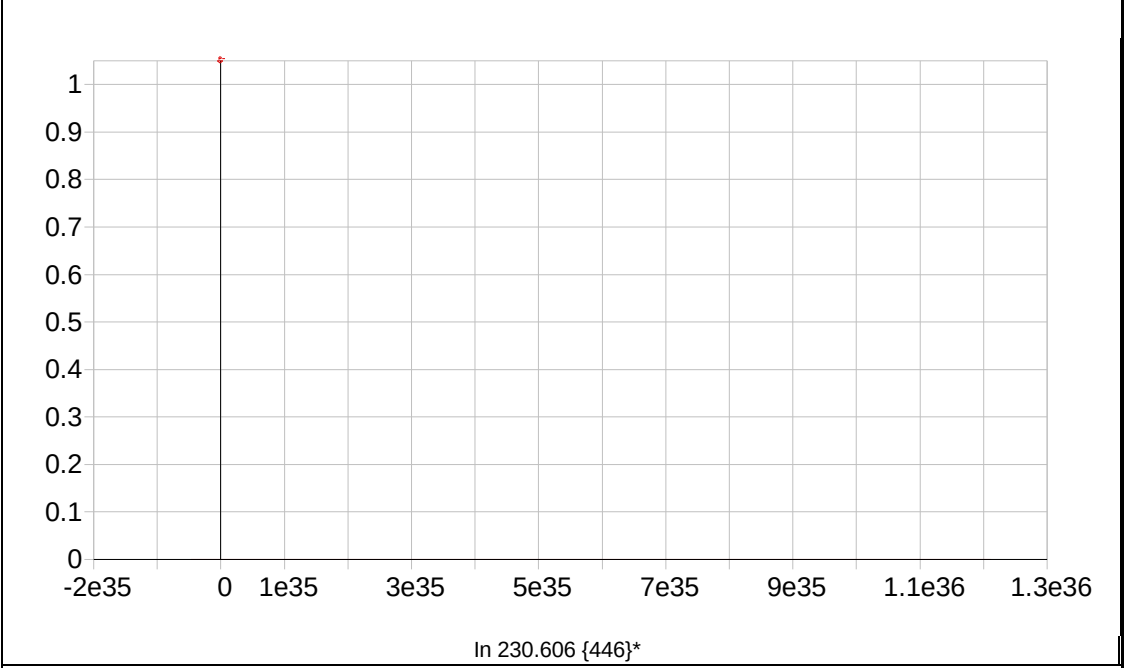
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



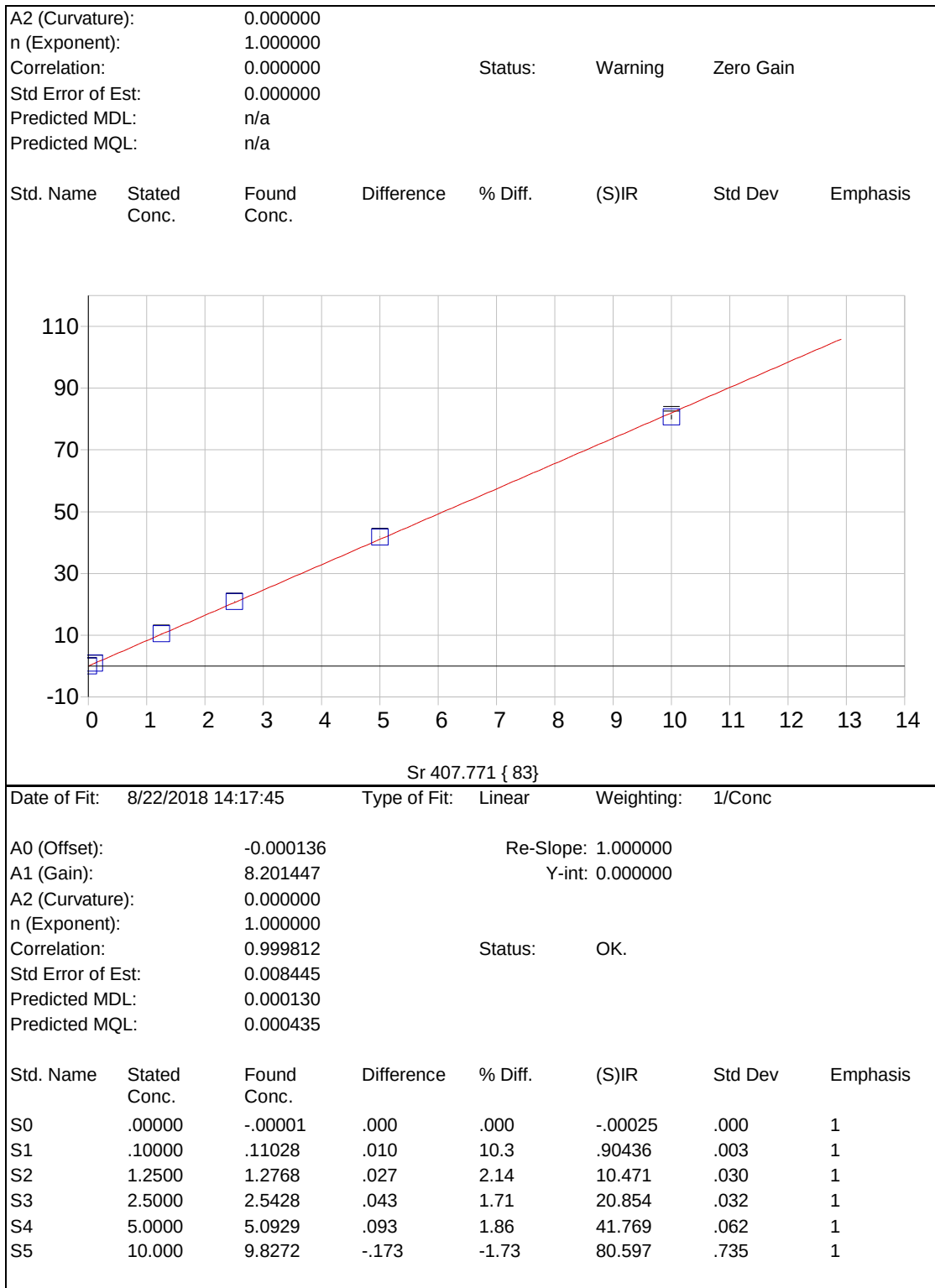


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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: 8/22/2018 13:38:40 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) 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	-.00030	-.00066	-.00026	.00060	.00067	.00204	.00347	-.00237
Stddev	.00008	.00011	.00025	.00009	.00010	.00053	.00103	.00040
%RSD	27.911	16.386	97.256	15.134	14.312	25.725	29.785	16.786

#1	-.00023	-.00078	.00000	.00065	.00071	.00165	.00401	-.00278
#2	-.00039	-.00057	-.00051	.00049	.00056	.00184	.00413	-.00199
#3	-.00029	-.00064	-.00027	.00065	.00073	.00264	.00228	-.00232

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	-.00030	.00350	.00002	-.00055	.00090	.00009	.00006	-.00010
Stddev	.00023	.00122	.00005	.00026	.00032	.00032	.00022	.00026
%RSD	76.598	34.985	240.60	47.830	35.419	365.83	341.65	255.69

#1	-.00055	.00339	.00005	-.00086	.00078	.00038	-.00019	-.00040
#2	-.00027	.00477	.00004	-.00038	.00066	.00013	.00020	.00005
#3	-.00009	.00233	-.00004	-.00043	.00126	-.00025	.00018	.00005

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	-.00206	-.00208	-.00789	-.00020	-.00041	.02042	-.00100	.00002
Stddev	.00007	.00017	.00062	.00035	.00050	.00105	.00014	.00036
%RSD	3.2540	8.0843	7.8700	176.01	121.22	5.1199	14.345	1632.1

#1	-.00199	-.00225	-.00854	-.00034	-.00055	.01964	-.00101	.00042
#2	-.00212	-.00192	-.00730	-.00046	-.00083	.02161	-.00114	-.00028
#3	-.00208	-.00208	-.00782	.00020	.00014	.02001	-.00086	-.00008

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	.00081	.00134	.00609	.00030	.00108	.02671	-.00025	
Stddev	.00025	.00008	.00051	.00008	.00030	.00049	.00010	
%RSD	30.677	6.1344	8.3098	25.260	27.472	1.8483	38.540	

#1	.00073	.00142	.00562	.00021	.00075	.02728	-.00033	
#2	.00061	.00125	.00602	.00035	.00115	.02639	-.00014	
#3	.00109	.00135	.00662	.00034	.00133	.02647	-.00029	

Sample Name: S0 Acquired: 8/22/2018 13:38:40 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) 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	1710.6	2729.7	30461.	5232.9	3273.8
Stddev	8.6	2.8	22.	1.6	7.9
%RSD	.50088	.10222	.07205	.03145	.24270
#1	1720.2	2726.5	30471.	5233.3	3278.3
#2	1707.9	2731.8	30436.	5234.4	3278.5
#3	1703.8	2730.7	30476.	5231.2	3264.7

Sample Name: S1 Acquired: 8/22/2018 13:42:47 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) 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	.00009	.00054	.00204	.00291	.00804	.01775	.55834	.03534
Stddev	.00013	.00007	.00029	.00019	.00010	.00106	.00085	.00088
%RSD	152.38	13.002	14.118	6.5567	1.2834	5.9791	.15221	2.4897

#1	-.00001	.00059	.00171	.00313	.00795	.01896	.55932	.03568
#2	.00004	.00046	.00220	.00279	.00815	.01727	.55794	.03434
#3	.00024	.00058	.00221	.00282	.00802	.01701	.55777	.03599

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	.01504	.22969	.00169	.04131	.00330	.00178	.00351	.03115
Stddev	.00027	.00023	.00005	.00021	.00051	.00016	.00011	.00020
%RSD	1.7925	.10028	3.1533	.51490	15.548	8.7458	3.2130	.65349

#1	.01509	.22991	.00172	.04111	.00270	.00181	.00347	.03103
#2	.01527	.22970	.00163	.04128	.00358	.00192	.00342	.03104
#3	.01474	.22945	.00173	.04153	.00360	.00161	.00363	.03139

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	.01809	.00257	.02858	.00334	.00219	.10956	.00184	.00595
Stddev	.00019	.00011	.00134	.00039	.00010	.00147	.00007	.00063
%RSD	1.0295	4.1651	4.7023	11.640	4.4129	1.3398	4.0458	10.514

#1	.01799	.00266	.02782	.00292	.00210	.10918	.00189	.00666
#2	.01831	.00245	.02780	.00340	.00230	.10831	.00176	.00548
#3	.01799	.00259	.03014	.00369	.00218	.11117	.00188	.00570

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	.00800	.00353	.05126	.00096	.01319	.08214	.90436	
Stddev	.00016	.00017	.00073	.00013	.00031	.00237	.00344	
%RSD	1.9415	4.8398	1.4297	13.181	2.3224	2.8839	.38069	

#1	.00818	.00347	.05105	.00108	.01290	.08449	.90039	
#2	.00788	.00339	.05208	.00096	.01351	.08218	.90645	
#3	.00795	.00372	.05066	.00083	.01317	.07976	.90624	

Sample Name: S1 Acquired: 8/22/2018 13:42:47 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) 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	1732.4	2749.5	30631.	5243.9	3317.1
Stddev	6.4	3.8	90.	11.8	7.2
%RSD	.36735	.13799	.29503	.22575	.21590
#1	1739.8	2749.4	30717.	5249.3	3318.5
#2	1729.0	2753.4	30537.	5252.2	3323.5
#3	1728.5	2745.8	30638.	5230.4	3309.4

Sample Name: S2 Acquired: 8/22/2018 13:46:55 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) 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	.04105	.06103	1.1089	.08089	.14698	2.7325	6.3981	.85116
Stddev	.00011	.00016	.0040	.00024	.00072	.0089	.0084	.00299
%RSD	.27931	.26877	.36188	.29346	.49248	.32487	.13150	.35076

#1	.04100	.06107	1.1067	.08116	.14723	2.7256	6.3894	.84840
#2	.04097	.06084	1.1065	.08071	.14617	2.7425	6.3989	.85075
#3	.04118	.06116	1.1135	.08080	.14755	2.7294	6.4061	.85433

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	1.7382	2.7256	.56844	.49216	.33365	.52286	.77910	.36469
Stddev	.0056	.0046	.00044	.00239	.00087	.00017	.00101	.00069
%RSD	.32351	.16853	.07792	.48517	.26061	.03184	.12980	.18851

#1	1.7363	2.7216	.56895	.49149	.33266	.52294	.78009	.36520
#2	1.7338	2.7246	.56814	.49018	.33429	.52297	.77807	.36391
#3	1.7446	2.7307	.56823	.49481	.33400	.52266	.77913	.36496

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	.28595	.12791	.24067	.03902	.14232	.66537	.03383	.57881
Stddev	.00188	.00087	.00106	.00012	.00221	.00109	.00009	.00125
%RSD	.65718	.67756	.44199	.30465	1.5516	.16370	.26961	.21599

#1	.28539	.12758	.24121	.03915	.14168	.66439	.03382	.57750
#2	.28441	.12725	.23945	.03892	.14051	.66654	.03374	.57999
#3	.28804	.12889	.24136	.03899	.14478	.66519	.03392	.57895

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	.87798	.03400	.58097	.12740	.28883	1.4894	10.471	
Stddev	.00356	.00021	.00347	.00056	.00327	.0041	.030	
%RSD	.40503	.60623	.59768	.43859	1.1313	.27644	.28643	

#1	.87898	.03414	.58154	.12715	.28923	1.4846	10.456	
#2	.87404	.03377	.57725	.12701	.28538	1.4919	10.452	
#3	.88094	.03411	.58413	.12804	.29188	1.4916	10.506	

Sample Name: S2 Acquired: 8/22/2018 13:46:55 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) 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	1674.2	2680.1	30208.	5249.9	3168.1
Stddev	16.5	5.0	153.	6.5	10.1
%RSD	.98822	.18780	.50577	.12341	.31933
#1	1669.7	2681.0	30072.	5244.4	3171.3
#2	1692.5	2684.6	30373.	5257.0	3176.3
#3	1660.4	2674.7	30179.	5248.1	3156.8

Sample Name: S3 Acquired: 8/22/2018 13:50:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) 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	.08294	.12166	2.2174	.15943	.29221	5.4485	12.728	1.6761
Stddev	.00046	.00049	.0106	.00102	.00145	.0257	.045	.0009
%RSD	.55753	.40019	.47579	.63789	.49754	.47204	.35438	.05616

#1	.08242	.12190	2.2131	.15925	.29122	5.4719	12.761	1.6772
#2	.08306	.12110	2.2097	.15851	.29154	5.4209	12.676	1.6755
#3	.08332	.12198	2.2294	.16052	.29388	5.4525	12.746	1.6756

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	3.4519	5.3677	1.1134	.98457	.65394	1.0271	1.5243	.72593
Stddev	.0138	.0262	.0016	.00475	.00061	.0060	.0074	.00350
%RSD	.40032	.48772	.14546	.48276	.09263	.57906	.48379	.48189

#1	3.4492	5.3890	1.1117	.98225	.65448	1.0326	1.5292	.72729
#2	3.4397	5.3385	1.1135	.98143	.65329	1.0208	1.5159	.72195
#3	3.4669	5.3756	1.1150	.99004	.65406	1.0280	1.5279	.72854

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	.57157	.25749	.48888	.07647	.28060	1.3323	.06985	1.1592
Stddev	.00163	.00055	.00218	.00048	.00116	.0070	.00045	.0051
%RSD	.28470	.21539	.44493	.63125	.41325	.52340	.64933	.43835

#1	.57126	.25784	.48653	.07610	.28181	1.3362	.06965	1.1636
#2	.57012	.25685	.48929	.07702	.27950	1.3243	.06952	1.1605
#3	.57333	.25777	.49082	.07629	.28048	1.3365	.07036	1.1536

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	1.7509	.06889	1.1227	.25565	.56671	2.9897	20.854	
Stddev	.0084	.00042	.0041	.00149	.00148	.0060	.032	
%RSD	.47883	.60682	.36166	.58268	.26176	.20010	.15417	

#1	1.7456	.06906	1.1217	.25602	.56586	2.9933	20.858	
#2	1.7465	.06842	1.1272	.25402	.56585	2.9828	20.820	
#3	1.7605	.06920	1.1193	.25693	.56843	2.9931	20.884	

Sample Name: S3 Acquired: 8/22/2018 13:50:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) 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	1642.5	2596.4	29899.	5196.0	3032.4
Stddev	.4	7.6	91.	6.5	10.2
%RSD	.02584	.29143	.30582	.12447	.33619
#1	1643.0	2599.6	29803.	5190.8	3033.4
#2	1642.2	2601.8	29985.	5193.9	3042.1
#3	1642.3	2587.7	29910.	5203.2	3021.7

Sample Name: S4 Acquired: 8/22/2018 13:54:41 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) 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	.16876	.24162	4.4984	.31014	.58682	11.019	25.618	3.2728
Stddev	.00107	.00155	.0180	.00148	.00318	.049	.063	.0154
%RSD	.63693	.63950	.40055	.47592	.54227	.44518	.24528	.47051

#1	.16839	.24095	4.4932	.30909	.58365	10.962	25.547	3.2580
#2	.16793	.24052	4.4835	.30951	.58680	11.046	25.641	3.2887
#3	.16998	.24339	4.5184	.31183	.59002	11.048	25.667	3.2718

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.8864	10.691	2.1962	1.9886	1.3072	2.0213	3.0071	1.4644
Stddev	.0243	.055	.0047	.0086	.0020	.0118	.0167	.0075
%RSD	.35261	.50980	.21563	.43200	.15340	.58179	.55363	.51075

#1	6.8742	10.631	2.2014	1.9861	1.3055	2.0091	2.9916	1.4558
#2	6.8707	10.704	2.1920	1.9816	1.3094	2.0222	3.0049	1.4675
#3	6.9144	10.737	2.1954	1.9982	1.3066	2.0326	3.0247	1.4698

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	1.1461	.52501	.98776	.15351	.57660	2.7132	.14437	2.3037
Stddev	.0043	.00113	.00344	.00229	.00609	.0122	.00115	.0085
%RSD	.37694	.21498	.34827	1.4909	1.0563	.44852	.79907	.36789

#1	1.1437	.52630	.98458	.15126	.57678	2.6992	.14377	2.2988
#2	1.1434	.52426	.98728	.15344	.57042	2.7217	.14364	2.3134
#3	1.1510	.52446	.99141	.15584	.58260	2.7186	.14570	2.2988

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	3.5219	.14202	2.1896	.51732	1.1354	6.1271	41.769	
Stddev	.0202	.00093	.0090	.00234	.0011	.0082	.062	
%RSD	.57210	.65457	.40953	.45329	.09600	.13432	.14861	

#1	3.5034	.14238	2.1870	.51605	1.1344	6.1300	41.698	
#2	3.5189	.14096	2.1996	.51589	1.1354	6.1335	41.808	
#3	3.5434	.14271	2.1823	.52003	1.1366	6.1178	41.803	

Sample Name: S4 Acquired: 8/22/2018 13:54:41 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) 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	1551.8	2480.9	29070.	5138.5	2863.2
Stddev	7.6	13.5	78.	20.4	11.9
%RSD	.49166	.54379	.26807	.39672	.41620
#1	1557.4	2492.4	29005.	5139.5	2867.5
#2	1554.9	2484.4	29156.	5117.7	2872.3
#3	1543.1	2466.1	29047.	5158.4	2849.7

Sample Name: S5 Acquired: 8/22/2018 13:58:30 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) 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	.34092	.45790	8.9103	.59603	1.1813	22.152	49.795	6.3755
Stddev	.00207	.00219	.0412	.00292	.0057	.036	.492	.0406
%RSD	.60680	.47740	.46204	.48910	.48219	.16397	.98904	.63599

#1	.33941	.45634	8.9006	.59451	1.1793	22.193	49.427	6.3653
#2	.34007	.45696	8.8748	.59418	1.1769	22.136	50.355	6.4202
#3	.34328	.46039	8.9555	.59939	1.1877	22.126	49.605	6.3410

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	13.424	20.901	4.1979	3.9162	2.5356	3.8808	5.7833	2.9081
Stddev	.051	.064	.0087	.0190	.0047	.0113	.0245	.0073
%RSD	.38056	.30801	.20650	.48449	.18544	.29090	.42403	.25184

#1	13.400	20.974	4.1923	3.9030	2.5370	3.8925	5.8104	2.9151
#2	13.388	20.879	4.1936	3.9076	2.5394	3.8800	5.7769	2.9005
#3	13.482	20.851	4.2079	3.9379	2.5303	3.8699	5.7626	2.9086

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	2.2372	1.0497	1.9779	.29828	1.1434	5.5747	.28760	4.4817
Stddev	.0106	.0030	.0053	.00082	.0020	.0088	.00175	.0328
%RSD	.47204	.28587	.26861	.27608	.17839	.15777	.60862	.73092

#1	2.2325	1.0463	1.9815	.29799	1.1425	5.5845	.28637	4.4840
#2	2.2297	1.0507	1.9804	.29921	1.1457	5.5719	.28683	4.5133
#3	2.2492	1.0520	1.9718	.29765	1.1419	5.5676	.28960	4.4479

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	7.0290	.28407	4.1861	1.0193	2.1888	12.371	80.597	
Stddev	.0248	.00224	.0350	.0036	.0058	.022	.735	
%RSD	.35259	.78914	.83679	.34984	.26319	.18151	.91209	

#1	7.0170	.28287	4.1868	1.0188	2.1849	12.369	79.915	
#2	7.0125	.28269	4.2208	1.0160	2.1954	12.394	81.376	
#3	7.0575	.28666	4.1508	1.0231	2.1860	12.350	80.502	

Sample Name: S5 Acquired: 8/22/2018 13:58:30 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) 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	1450.1	2318.3	28449.	5077.3	2685.9
Stddev	8.5	8.3	172.	27.6	9.3
%RSD	.58828	.35785	.60542	.54357	.34654
#1	1459.9	2324.7	28614.	5082.0	2691.2
#2	1444.7	2321.2	28465.	5047.7	2691.3
#3	1445.6	2308.9	28270.	5102.3	2675.1

Sample Name: S6 Acquired: 8/22/2018 14:02:34 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) 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	61.883	34.101	10.782	5.0202	5.8314
Stddev	.478	.015	.012	.0083	.0058
%RSD	.77292	.04514	.11357	.16472	.09871

#1	62.010	34.109	10.794	5.0288	5.8364
#2	62.285	34.110	10.780	5.0196	5.8326
#3	61.354	34.083	10.770	5.0123	5.8251

Int. Std.	Y_3710
Units	Cts/S
Avg	4956.8
Stddev	9.7
%RSD	.19605

#1	4948.8
#2	4967.6
#3	4953.9

Sample Name: ICV Acquired: 8/22/2018 14:20:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) 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	.9927732	1.060704	1.008822	1.011308	.9525047	2.368717
Stddev	.0031796	.006254	.004406	.004078	.0011500	.018549
%RSD	.3202761	.5896280	.4367734	.4032493	.1207391	.7830710

#1	.9953591	1.066664	1.010608	1.015873	.9515680	2.384742
#2	.9892231	1.054192	1.003803	1.008026	.9521579	2.348398
#3	.9937374	1.061254	1.012056	1.010025	.9537883	2.373011

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5244126	.5093977	.5172975	10.11228	.5078419	.5100263
Stddev	.0021309	.0018384	.0011144	.04366	.0018287	.0026619
%RSD	.4063349	.3608942	.2154286	.4317303	.3600919	.5219090

#1	.5268709	.5108242	.5170968	10.16071	.5099380	.5102178
#2	.5230930	.5073230	.5162971	10.10017	.5065728	.5072739
#3	.5232739	.5100459	.5184986	10.07595	.5070148	.5125873

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5176920	5.386980	.5345055	5.665911	.5213167	.4972478
Stddev	.0044119	.065120	.0051589	.052166	.0013816	.0011803
%RSD	.8522266	1.208831	.9651701	.9206916	.2650298	.2373576

#1	.5147098	5.450742	.5404236	5.665016	.5206444	.4958865
#2	.5156062	5.389616	.5321352	5.718519	.5203998	.4978731
#3	.5227601	5.320583	.5309578	5.614199	.5229058	.4979839

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.08064	.5319773	1.004689	9.301916	F .0171788	F 2.618355
Stddev	.13666	.0105971	.021260	.068579	.0016916	.003984
%RSD	1.355630	1.992015	2.116033	.7372572	9.847044	.1521479

#1	10.18765	.5440372	1.027873	9.380811	.0153129	2.615547
#2	9.92670	.5241538	1.000087	9.268366	.0186122	2.616603
#3	10.12757	.5277408	.986108	9.256572	.0176113	2.622915

Sample Name: ICV Acquired: 8/22/2018 14:20:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.536424	-.030622	2.531173	F 2.517042	2.700456	-.002983
Stddev	.004916	.007294	.010354	.004109	.008262	.001337
%RSD	.1937974	23.81939	.4090505	.1632388	.3059646	44.82647

#1	2.534257	-.035763	2.531406	2.518882	2.709996	-.003213
#2	2.532964	-.033828	2.520705	2.512335	2.695786	-.004190
#3	2.542050	-.022274	2.541409	2.519910	2.695585	-.001546

Elem	Sr4077
Units	ppm
Avg	.0122394
Stddev	.0001780
%RSD	1.454086

#1	.0122716
#2	.0120476
#3	.0123991

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1716.014	2754.499	30709.39	5325.104	3310.562
Stddev	.607	4.803	54.59	7.528	7.021
%RSD	.0353524	.1743524	.1777512	.1413747	.2120648

#1	1716.713	2754.883	30696.10	5316.454	3306.635
#2	1715.630	2759.098	30662.68	5330.177	3318.668
#3	1715.699	2749.516	30769.40	5328.681	3306.384

Sample Name: ICB Acquired: 8/22/2018 14:23:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003835	-.002500	.0006877	.0001802	.0012257	.0029150
Stddev	.001561	.001064	.0018331	.0027296	.0008523	.0053575
%RSD	40.70645	42.57191	266.5566	1514.581	69.53920	183.7909

#1	-.002328	-.002569	-.000498	-.000578	.0009843	-.002900
#2	-.005445	-.001403	-.000238	.003209	.0005201	.003993
#3	-.003732	-.003528	.002799	-.002090	.0021727	.007652

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003391	-.000088	-.000076	.0039650	-.000159	-.000183
Stddev	.0002835	.000041	.000006	.0085968	.000141	.000512
%RSD	83.60688	46.79692	8.152594	216.8160	89.14182	279.6726

#1	.0000217	-.000092	-.000079	.0036629	-.000321	-.000005
#2	.0004284	-.000045	-.000081	-.004477	-.000067	-.000761
#3	.0005673	-.000127	-.000069	.012709	-.000088	.000216

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029098	.0005264	-.000255	-.035237	-.000139	.0000674
Stddev	.0022830	.0174286	.001076	.023214	.000430	.0002146
%RSD	78.45997	3310.943	422.3070	65.88008	310.0422	318.3627

#1	.0002845	-.016850	.000409	-.008839	-.000249	.0002142
#2	.0044302	.018006	-.001496	-.044405	-.000502	.0001669
#3	.0040145	.000423	.000322	-.052466	.000335	-.000179

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2137391	.0042642	-.004596	-.036185	-.001735	F .0163785
Stddev	.4589305	.0066913	.005999	.058197	.002539	.0008948
%RSD	214.7153	156.9158	130.5176	160.8315	146.3212	5.462951

#1	-.276659	.0101026	-.009099	.012933	-.000579	.0169472
#2	.632863	.0057278	-.006904	-.100462	.000020	.0168412
#3	.285013	-.003038	.002214	-.021027	-.004646	.0153472

Sample Name: ICB Acquired: 8/22/2018 14:23:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000104	-.039135	.0025088	.0028522	-.002286	-.007736
Stddev	.000093	.005402	.0007745	.0009106	.002008	.000269
%RSD	89.81060	13.80456	30.86919	31.92764	87.81677	3.473794

#1	-.000022	-.044142	.0031298	.0018298	-.004599	-.007691
#2	-.000205	-.039855	.0016411	.0035763	-.001278	-.007493
#3	-.000084	-.033409	.0027556	.0031505	-.000983	-.008025

Elem	Sr4077
Units	ppm
Avg	-.000056
Stddev	.000126
%RSD	225.5430

#1	.000056
#2	-.000031
#3	-.000192

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1743.669	2756.076	30734.56	5319.092	3294.093
Stddev	10.399	4.017	43.08	15.608	10.102
%RSD	.5963861	.1457369	.1401538	.2934343	.3066794

#1	1755.599	2754.674	30752.18	5306.875	3290.269
#2	1736.521	2760.605	30766.03	5336.675	3305.549
#3	1738.888	2752.948	30685.47	5313.725	3286.461

Sample Name: ICSA Acquired: 8/22/2018 14:28:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) 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	.0016864	-.001441	-.001512	.0038986	.0045430	243.4556
Stddev	.0021035	.002607	.001445	.0078167	.0019855	1.2664
%RSD	124.7391	180.9090	95.55595	200.5011	43.70489	.5201877

#1	.0041083	.001192	-.000496	.0079758	.0033502	243.5556
#2	.0006353	-.004022	-.003166	-.005114	.0068351	242.1422
#3	.0003155	-.001495	-.000875	.008834	.0034438	244.6691

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054908	.0010877	-.000112	249.5742	.0539173	.0002356
Stddev	.0002401	.0001115	.000053	1.2888	.0005782	.0001468
%RSD	4.372306	10.24791	47.88228	.5164093	1.072451	62.32857

#1	.0052162	.0009643	-.000063	249.5168	.0543143	.0001187
#2	.0055952	.0011810	-.000102	248.3151	.0541836	.0001877
#3	.0056610	.0011179	-.000169	250.8908	.0532539	.0004004

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005295	104.1933	.0117828	254.4567	.0046331	.0012537
Stddev	.002684	.5741	.0006366	1.0377	.0003989	.0004818
%RSD	50.68702	.5509726	5.402458	.4078226	8.610548	38.42815

#1	-.002983	103.9991	.0111938	254.4291	.0050884	.0015281
#2	-.004663	103.7414	.0116967	253.4331	.0044663	.0015355
#3	-.008238	104.8392	.0124581	255.5080	.0043447	.0006974

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2549579	.0014003	-.005275	-.112728	.0000946	F -.021936
Stddev	.2551824	.0065858	.013519	.059835	.0046022	.001337
%RSD	100.0880	470.3045	256.2619	53.07905	4866.468	6.095510

#1	.4843224	.0089388	-.002710	-.047117	.0001353	-.022611
#2	-.019918	-.001502	-.019893	-.126781	-.004528	-.020396
#3	.300469	-.003236	.006777	-.164285	.004676	-.022802

Sample Name: ICSA Acquired: 8/22/2018 14:28:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) 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	.0014279	-.031219	.0009265	-.002910	-.002081	-.003946
Stddev	.0006640	.005834	.0006099	.001079	.000562	.000333
%RSD	46.50545	18.68757	65.82280	37.07847	26.99085	8.435800

#1	.0017507	-.037596	.0006681	-.001939	-.001733	-.003777
#2	.0018688	-.029911	.0016230	-.002720	-.002729	-.004329
#3	.0006641	-.026150	.0004884	-.004072	-.001782	-.003731

Elem	Sr4077
Units	ppm
Avg	.1063092
Stddev	.0002124
%RSD	.1998028

#1	.1064653
#2	.1063951
#3	.1060673

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1647.621	2610.909	29348.32	5242.810	2980.881
Stddev	4.897	7.137	7.23	24.855	9.910
%RSD	.2972225	.2733490	.0246300	.4740841	.3324543

#1	1645.971	2616.240	29342.92	5248.801	2986.828
#2	1653.129	2613.685	29345.51	5264.121	2986.375
#3	1643.761	2602.801	29356.53	5215.506	2969.441

Sample Name: ICSAB Acquired: 8/22/2018 14:32:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) 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	.1015357	.1064849	.0505443	.0521944	.5922408	236.2891
Stddev	.0038685	.0067932	.0006085	.0048182	.0014560	1.1352
%RSD	3.809963	6.379467	1.203811	9.231296	.2458435	.4804387

#1	.1049259	.0991602	.0505857	.0575209	.5911202	235.5810
#2	.0973216	.1077165	.0499161	.0509227	.5938865	235.6877
#3	.1023596	.1125781	.0511309	.0481396	.5917158	237.5984

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5319379	.5202812	1.036676	242.5664	.5682244	.5156460
Stddev	.0027696	.0010226	.002333	1.3686	.0018042	.0021028
%RSD	.5206657	.1965555	.2250621	.5642015	.3175224	.4077944

#1	.5303623	.5214604	1.034308	241.4793	.5666602	.5143727
#2	.5303156	.5197453	1.036747	242.1166	.5678147	.5144921
#3	.5351359	.5196379	1.038973	244.1032	.5701982	.5180731

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5048016	101.4755	.5433471	247.1522	1.043513	.1610138
Stddev	.0030502	.6827	.0033905	1.0941	.002994	.0005487
%RSD	.6042313	.6727661	.6240049	.4426668	.2868777	.3407848

#1	.5082996	101.2513	.5400611	246.4067	1.043014	.1610824
#2	.5034084	100.9330	.5431471	246.6417	1.040800	.1615250
#3	.5026969	102.2421	.5468332	248.4082	1.046724	.1604340

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2900961	.5181386	.9993957	-.290254	.0160939	F -.027295
Stddev	.3011676	.0063821	.0202759	.032415	.0053993	.002520
%RSD	103.8165	1.231735	2.028812	11.16762	33.54863	9.233873

#1	.1533274	.5116082	.9822974	-.312310	.0117624	-.026560
#2	.0815822	.5184463	1.021796	-.305416	.0221431	-.030102
#3	.6353787	.5243612	.994094	-.253038	.0143763	-.025225

Sample Name: ICSAB Acquired: 8/22/2018 14:32:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) 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	.0023325	-.032453	.0053653	-.000232	-.003302	-.006584
Stddev	.0005112	.002627	.0022659	.000882	.000802	.000658
%RSD	21.91516	8.093277	42.23202	380.8268	24.30028	9.987337

#1	.0028676	-.032601	.0039283	-.000534	-.002496	-.005886
#2	.0022808	-.029756	.0079774	.000762	-.004101	-.007191
#3	.0018492	-.035003	.0041903	-.000923	-.003308	-.006675

Elem	Sr4077
Units	ppm
Avg	.1042415
Stddev	.0001256
%RSD	.1205149

#1	.1041416
#2	.1042004
#3	.1043826

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1659.348	2629.245	29841.08	5259.542	3006.151
Stddev	2.246	5.118	82.05	33.453	4.508
%RSD	.1353611	.1946519	.2749495	.6360403	.1499750

#1	1657.584	2631.463	29933.02	5256.550	3010.906
#2	1658.583	2623.393	29775.30	5294.389	3005.609
#3	1661.876	2632.881	29814.92	5227.685	3001.938

Sample Name: CCV001 Acquired: 8/22/2018 14:36:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.817612	4.824715	24.66516	4.675338	4.831262	403.5746	9.937128
Stddev	.014597	.020385	.11823	.026648	.015605	2.7272	.039817
%RSD	.3029824	.4225047	.4793578	.5699701	.3229988	.6757701	.4006925

#1	4.816013	4.801191	24.56752	4.673714	4.818395	400.6475	9.903312
#2	4.803880	4.837196	24.63133	4.649540	4.826771	406.0441	9.981013
#3	4.832942	4.835757	24.79662	4.702761	4.848620	404.0322	9.927060

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4914886	2.474475	400.5106	14.99139	2.504267	14.74089	409.3565
Stddev	.0046253	.013281	2.1237	.02429	.013836	.03719	2.1622
%RSD	.9410870	.5367110	.5302514	.1620075	.5525146	.2522989	.5282068

#1	.4862321	2.463814	398.5068	15.01393	2.493086	14.73683	407.4504
#2	.4932978	2.470257	402.7367	14.99456	2.499974	14.77994	411.7061
#3	.4949359	2.489352	400.2882	14.96567	2.519741	14.70589	408.9128

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.62213	401.1331	2.503930	1.260290	391.1639	2.456358	14.87812
Stddev	.09765	2.2171	.010180	.004970	1.6246	.017016	.24861
%RSD	.6678465	.5527212	.4065699	.3943654	.4153340	.6927227	1.670992

#1	14.53960	399.5520	2.497836	1.263770	389.7327	2.446170	15.15237
#2	14.72994	403.6674	2.498272	1.254598	392.9299	2.476002	14.81446
#3	14.59686	400.1798	2.515683	1.262502	390.8292	2.446903	14.66753

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	149.8926	4.965965	4.783737	4.835710	5.000403	4.838377	4.988027
Stddev	2.0610	.021563	.048252	.021441	.017634	.055861	.026617
%RSD	1.375009	.4342159	1.008671	.4433948	.3526542	1.154534	.5336183

#1	147.5320	4.960222	4.728202	4.827228	4.999237	4.777546	4.967358
#2	151.3347	4.947855	4.807605	4.819806	4.983380	4.850215	4.978663
#3	150.8110	4.989818	4.815403	4.860094	5.018591	4.887370	5.018061

Sample Name: CCV001 Acquired: 8/22/2018 14:36:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.986945	5.052024	4.988753
Stddev	.006105	.014885	.016503
%RSD	.1224267	.2946385	.3308120

#1	4.980697	5.045717	4.975394
#2	4.992897	5.069024	5.007202
#3	4.987240	5.041331	4.983663

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1528.395	2440.377	28782.67	5168.205	2737.287
Stddev	4.979	6.571	125.33	33.062	8.310
%RSD	.3257725	.2692485	.4354436	.6397246	.3035725

#1	1524.760	2443.710	28644.76	5206.229	2745.269
#2	1526.355	2444.613	28813.63	5146.236	2737.908
#3	1534.070	2432.808	28889.63	5152.149	2728.684

Sample Name: CCB001 Acquired: 8/22/2018 14:39:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000999	-.000913	.0027160	.0017721	.0006733	.0083808
Stddev	.001502	.004284	.0009327	.0005162	.0021531	.0030973
%RSD	150.3160	469.4065	34.34072	29.12718	319.8083	36.95727

#1	-.002698	-.001824	.0016555	.0019293	.0031405	.0112467
#2	.000153	.003753	.0034087	.0011956	-.000295	.0088007
#3	-.000453	-.004667	.0030838	.0021914	-.000826	.0050949

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000688	-.000071	.0000360	-.017036	.0001803	-.000283
Stddev	.001277	.000078	.0001382	.012015	.0003164	.000066
%RSD	185.6456	110.2378	383.6984	70.52523	175.4172	23.52577

#1	-.002126	.000009	.0000946	-.029519	.0003777	-.000247
#2	.000313	-.000075	-.000122	-.005553	-.000185	-.000241
#3	-.000250	-.000147	.000135	-.016035	.000348	-.000359

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010205	-.005407	.0000595	-.037797	-.000234	.0005062
Stddev	.0056566	.030889	.0005304	.027997	.000582	.0002789
%RSD	554.2782	571.3114	891.8872	74.07265	248.5648	55.10152

#1	-.005325	-.011326	.0001017	-.068986	.000127	.0007763
#2	.005534	-.032908	.0005675	-.014835	.000077	.0005232
#3	.002852	.028014	-.000491	-.029570	-.000906	.0002192

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1400798	-.001051	.0014826	.0881409	.0008434	F .0196372
Stddev	.1700775	.001130	.0050128	.0882300	.0021579	.0012676
%RSD	121.4148	107.4655	338.1006	100.1010	255.8576	6.454847

#1	.0935639	-.001400	.0072643	.1716389	.0004337	.0209836
#2	.3285756	.000212	-.001648	-.004161	-.001080	.0184668
#3	-.001900	-.001966	-.001168	.096945	.003177	.0194612

Sample Name: CCB001 Acquired: 8/22/2018 14:39:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000626	-.035769	.0007595	.0023313	-.002121	-.004119
Stddev	.0000364	.002832	.0010374	.0004116	.001700	.001989
%RSD	58.23263	7.917449	136.5899	17.65556	80.13436	48.29598

#1	.0000733	-.033665	-.000003	.0023413	-.004016	-.001862
#2	.0000925	-.034653	.000340	.0027378	-.001620	-.004877
#3	.0000220	-.038989	.001941	.0019148	-.000729	-.005618

Elem	Sr4077
Units	ppm
Avg	-.000037
Stddev	.000037
%RSD	100.2933

#1	-.000010
#2	-.000080
#3	-.000022

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1678.126	2724.871	30123.91	5227.858	3254.262
Stddev	10.305	10.945	195.47	26.028	12.794
%RSD	.6140560	.4016564	.6488706	.4978632	.3931337

#1	1682.823	2735.937	30068.93	5208.200	3261.891
#2	1685.245	2724.625	30340.97	5218.000	3261.403
#3	1666.310	2714.052	29961.82	5257.375	3239.492

Sample Name: J4536-01DLX2 Acquired: 8/22/2018 14:44:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB32 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0373653	.0091578	9.549278	.0048728	.0060210	7.657690	.1565850
Stddev	.0029746	.0002225	.039239	.0030887	.0027761	.017692	.0001823
%RSD	7.960979	2.430113	.4109102	63.38715	46.10699	.2310311	.1164240

#1	.0339528	.0089447	9.511237	.0047860	.0089445	7.673595	.1565246
#2	.0394103	.0091399	9.546982	.0080041	.0034205	7.638635	.1567898
#3	.0387328	.0093887	9.589614	.0018284	.0056981	7.660841	.1564405

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045250	.0765183	776.1233	.0552485	.0724297	.0664650	141.5306
Stddev	.0000843	.0004722	1.4372	.0005787	.0002355	.0015966	.5956
%RSD	1.862371	.6171156	.1851817	1.047453	.3250773	2.402143	.4208352

#1	.0044359	.0765130	777.6091	.0557375	.0724440	.0648459	142.1677
#2	.0046034	.0760488	776.0209	.0546096	.0721874	.0665110	140.9877
#3	.0045357	.0769932	774.7401	.0553984	.0726577	.0680381	141.4365

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.99007	405.3867	.0655584	.0078106	1.309405	.1019586	4.826711
Stddev	.05855	1.3214	.0010994	.0004657	.101147	.0060938	.028529
%RSD	.3254636	.3259589	1.677010	5.961977	7.724623	5.976724	.5910547

#1	18.04547	406.7842	.0648101	.0074827	1.332724	.0961155	4.844600
#2	17.99594	404.1576	.0668206	.0083436	1.396856	.1082755	4.841723
#3	17.92881	405.2181	.0650444	.0076054	1.198635	.1014847	4.793811

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.063979	1.833842	-.008427	.0009779	7.540559	.7026887	-.002600
Stddev	.004547	.011586	.003163	.0001666	.050296	.0065662	.000890
%RSD	.4273604	.6317828	37.53799	17.03656	.6670120	.9344355	34.25550

#1	1.058768	1.824590	-.006723	.0011124	7.500500	.7091764	-.001732
#2	1.067139	1.830099	-.012077	.0007915	7.524171	.7028430	-.002556
#3	1.066031	1.846837	-.006481	.0010298	7.597005	.6960468	-.003511

Sample Name: J4536-01DLX2 Acquired: 8/22/2018 14:44:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB32 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1123720	.0120801	.2185203
Stddev	.0007487	.0003883	.0005315
%RSD	.6662452	3.214189	.2432119

#1	.1132093	.0123178	.2190899
#2	.1121394	.0116320	.2184335
#3	.1117672	.0122905	.2180376

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1642.410	2633.668	30295.11	5386.015	2795.304
Stddev	13.025	4.333	106.83	9.030	7.518
%RSD	.7930291	.1645208	.3526255	.1676490	.2689492

#1	1627.392	2635.640	30263.31	5384.034	2800.744
#2	1650.618	2636.665	30414.23	5378.141	2798.444
#3	1649.221	2628.700	30207.79	5395.871	2786.726

Sample Name: J4536-02DLX2 Acquired: 8/22/2018 14:48:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB32D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0374809	.0086002	9.492437	.0063382	.0057312	7.591708	.1566105
Stddev	.0032869	.0025215	.054487	.0003846	.0014497	.037753	.0012024
%RSD	8.769667	29.31916	.5740056	6.067885	25.29406	.4972906	.7677646

#1	.0360909	.0082224	9.445291	.0061091	.0044753	7.635173	.1578609
#2	.0351174	.0112893	9.479930	.0067822	.0054008	7.567082	.1554626
#3	.0412345	.0062889	9.552090	.0061233	.0073175	7.572869	.1565081

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045870	.0760233	772.1137	.0542403	.0718861	.0634203	140.9437
Stddev	.0002391	.0004491	3.4440	.0006907	.0002435	.0069933	.5498
%RSD	5.212107	.5907975	.4460426	1.273386	.3386710	11.02696	.3900843

#1	.0047306	.0756124	775.0479	.0534450	.0719676	.0639458	141.4334
#2	.0043110	.0759546	768.3220	.0545857	.0716123	.0701361	140.3489
#3	.0047193	.0765028	772.9712	.0546901	.0720783	.0561791	141.0487

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.92992	402.6854	.0645719	.0080692	1.343412	.1006753	4.801775
Stddev	.09282	1.4707	.0004771	.0002357	.121506	.0081863	.103002
%RSD	.5176918	.3652260	.7389006	2.921275	9.044585	8.131373	2.145073

#1	18.00473	403.6673	.0640312	.0083313	1.469833	.1074193	4.734339
#2	17.82604	400.9945	.0647509	.0078746	1.332899	.1030395	4.920337
#3	17.95898	403.3945	.0649336	.0080015	1.227504	.0915671	4.750647

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9645589	1.833730	-.010357	.0007674	7.489765	.6954458	-.004270
Stddev	.0704921	.007686	.002015	.0002227	.042828	.0047573	.000594
%RSD	7.308219	.4191367	19.45491	29.01626	.5718200	.6840572	13.90525

#1	1.009846	1.826284	-.010411	.0005105	7.442296	.7005512	-.004617
#2	1.000490	1.833271	-.008316	.0009046	7.501488	.6946489	-.003585
#3	.883341	1.841635	-.012345	.0008871	7.525511	.6911373	-.004609

Sample Name: J4536-02DLX2 Acquired: 8/22/2018 14:48:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAB32D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1133138	.0119196	.2178801
Stddev	.0026830	.0016424	.0005942
%RSD	2.367792	13.77900	.2727082

#1	.1105481	.0137067	.2185411
#2	.1159058	.0104763	.2177090
#3	.1134876	.0115759	.2173903

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1658.365	2647.396	30548.30	5410.566	2810.969
Stddev	10.994	4.762	129.78	25.057	8.768
%RSD	.6629483	.1798926	.4248200	.4631178	.3119133

#1	1667.115	2652.789	30685.98	5383.911	2820.617
#2	1646.025	2645.634	30428.23	5433.640	2808.802
#3	1661.956	2643.767	30530.67	5414.148	2803.487

Sample Name: J4536-03DLX2 Acquired: 8/22/2018 14:52:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB32S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0834099	.0702171	9.345364	.0549686	.1125788	9.455159	2.435013
Stddev	.0011524	.0047106	.049663	.0026707	.0014347	.017300	.004311
%RSD	1.381619	6.708644	.5314234	4.858676	1.274400	.1829698	.1770329

#1	.0822553	.0756537	9.311008	.0571072	.1109556	9.461059	2.435109
#2	.0834143	.0673491	9.322779	.0558235	.1136774	9.468737	2.439274
#3	.0845601	.0676485	9.402307	.0519751	.1131034	9.435681	2.430655

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0589400	.1323614	766.1069	.2666318	.6614991	.3325936	138.3277
Stddev	.0001609	.0006977	2.8889	.0009917	.0031667	.0004302	.5297
%RSD	.2730121	.5271128	.3770928	.3719271	.4787215	.1293601	.3829077

#1	.0589819	.1319914	764.1269	.2655264	.6595665	.3324775	138.2779
#2	.0590759	.1319266	769.4219	.2669258	.6597770	.3330700	138.8805
#3	.0587623	.1331661	764.7718	.2674433	.6651537	.3322333	137.8247

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.23480	398.8987	.6542553	.0620227	1.471250	.6717989	5.228618
Stddev	.07243	1.1340	.0038102	.0003065	.383718	.0109656	.072564
%RSD	.3971930	.2842816	.5823724	.4941332	26.08105	1.632279	1.387820

#1	18.18929	398.2642	.6506728	.0619591	1.030140	.6842098	5.299374
#2	18.31832	400.2079	.6538349	.0617530	1.727934	.6634203	5.232106
#3	18.19678	398.2240	.6582583	.0623560	1.655677	.6677665	5.154372

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9445102	1.859292	-.013984	.0008848	7.320608	.7115587	-.004557
Stddev	.0458205	.009670	.002127	.0003626	.039564	.0033973	.000774
%RSD	4.851246	.5201168	15.20999	40.97705	.5404419	.4774419	16.98607

#1	.9179617	1.848872	-.012238	.0008250	7.278601	.7146901	-.005305
#2	.9974190	1.867979	-.013361	.0012735	7.326061	.7079467	-.004606
#3	.9181498	1.861026	-.016353	.0005558	7.357163	.7120392	-.003759

Sample Name: J4536-03DLX2 Acquired: 8/22/2018 14:52:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAB32S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1089595	.0116085	.2162509
Stddev	.0015935	.0017952	.0006655
%RSD	1.462456	15.46442	.3077572

#1	.1071308	.0104152	.2169723
#2	.1096968	.0107374	.2161194
#3	.1100507	.0136731	.2156609

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1646.431	2649.722	30434.63	5404.794	2815.141
Stddev	10.550	9.118	151.65	8.996	10.088
%RSD	.6407598	.3441004	.4982932	.1664538	.3583582

#1	1635.273	2657.598	30260.08	5400.060	2821.634
#2	1656.244	2651.835	30509.73	5399.152	2820.270
#3	1647.775	2639.733	30534.08	5415.169	2803.519

Sample Name: J4536-01LDLX10 Acquired: 8/22/2018 14:56:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB32L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100610	.0001678	1.731431	.0046025	.0007143	1.417715	.0283121
Stddev	.0019404	.0022701	.009498	.0020061	.0010181	.013817	.0006858
%RSD	19.28658	1353.259	.5485697	43.58604	142.5284	.9745862	2.422153

#1	.0080485	.0026087	1.726981	.0068356	.0001902	1.418829	.0289949
#2	.0102141	-.001880	1.724975	.0040192	.0018876	1.403374	.0276234
#3	.0119203	-.000225	1.742337	.0029528	.0000650	1.430940	.0283179

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008328	.0139947	150.6117	.0127225	.0117396	.0144279	27.99507
Stddev	.0000346	.0001263	.4293	.0006060	.0000784	.0047107	.09735
%RSD	4.154191	.9026380	.2850280	4.763260	.6676485	32.64987	.3477423

#1	.0007976	.0139050	150.4864	.0133275	.0116807	.0173350	27.98909
#2	.0008341	.0139400	150.2590	.0121155	.0117095	.0089929	27.90084
#3	.0008668	.0141392	151.0897	.0127247	.0118285	.0169558	28.09527

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.600176	76.23861	.0118803	.0016112	.5773198	.0181853	.9112954
Stddev	.007138	.37523	.0002095	.0004680	.1234763	.0133407	.0218812
%RSD	.1982799	.4921802	1.763125	29.04614	21.38785	73.35982	2.401110

#1	3.594779	76.12215	.0120994	.0016023	.6445637	.0047420	.9068491
#2	3.597478	75.93542	.0116820	.0011477	.4348168	.0183928	.9350583
#3	3.608270	76.65826	.0118593	.0020836	.6525790	.0314210	.8919788

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0685955	.3279147	.0025668	-.000153	1.248994	.1443764	-.003360
Stddev	.0505290	.0031753	.0006732	.000359	.009936	.0015179	.001505
%RSD	73.66223	.9683444	26.22591	235.1785	.7955015	1.051318	44.79662

#1	.0998393	.3296099	.0019780	-.000029	1.240587	.1450954	-.001798
#2	.0102999	.3242515	.0024217	-.000557	1.259959	.1426327	-.004801
#3	.0956473	.3298826	.0033007	.000128	1.246437	.1454012	-.003482

Sample Name: J4536-01LDLX10 Acquired: 8/22/2018 14:56:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB32L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0212826	-.007019	.0425447
Stddev	.0012056	.001736	.0003138
%RSD	5.664839	24.72690	.7374724

#1	.0212974	-.005914	.0423548
#2	.0200696	-.006124	.0423725
#3	.0224807	-.009020	.0429069

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1679.002	2704.649	30347.94	5315.717	3154.899
Stddev	4.424	12.018	131.43	44.585	12.305
%RSD	.2635070	.4443484	.4330756	.8387353	.3900240

#1	1679.256	2712.465	30202.13	5303.757	3164.796
#2	1674.456	2710.672	30384.40	5365.062	3158.779
#3	1683.293	2690.811	30457.28	5278.332	3141.121

Sample Name: J4536-16DLX4 Acquired: 8/22/2018 15:00:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB45 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0196415	.0080930	6.408100	.0021473	.0060038	3.402270	.1003634
Stddev	.0067249	.0042644	.020539	.0026075	.0014538	.027723	.0004995
%RSD	34.23845	52.69215	.3205112	121.4305	24.21521	.8148273	.4977138

#1	.0222690	.0124867	6.385321	.0002865	.0051974	3.403061	.1009024
#2	.0246559	.0039710	6.413772	.0051275	.0051319	3.429589	.0999160
#3	.0119994	.0078213	6.425206	.0010278	.0076821	3.374161	.1002718

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031646	.0565816	456.6915	.0171785	.0576976	.1132207	97.12586
Stddev	.0000536	.0004340	1.1211	.0004950	.0003105	.0042175	.38624
%RSD	1.692589	.7669863	.2454820	2.881394	.5382046	3.725037	.3976721

#1	.0031769	.0563120	455.4730	.0168675	.0574499	.1099175	96.68254
#2	.0031059	.0563507	457.6792	.0169187	.0580460	.1179713	97.38975
#3	.0032109	.0570823	456.9222	.0177493	.0575970	.1117731	97.30529

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.34381	226.4665	.0577268	.0048132	1.068188	.0532737	2.804678
Stddev	.02910	.5925	.0003085	.0002416	.170825	.0037101	.035486
%RSD	.2357236	.2616083	.5344484	5.018974	15.99205	6.964243	1.265254

#1	12.32400	225.8899	.0577842	.0050201	.886084	.0504666	2.802612
#2	12.33022	226.4358	.0573936	.0045477	1.224890	.0574799	2.770269
#3	12.37722	227.0736	.0580026	.0048718	1.093588	.0518745	2.841151

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4771252	.7434362	-.010323	.0001929	4.307253	.3284836	-.000511
Stddev	.0820352	.0040407	.001238	.0000830	.010559	.0042535	.002283
%RSD	17.19364	.5435176	11.99352	43.04930	.2451523	1.294897	447.2115

#1	.5550049	.7477005	-.010465	.0002879	4.319436	.3243149	.001649
#2	.3914860	.7429438	-.011485	.0001342	4.301592	.3283188	-.000280
#3	.4848848	.7396642	-.009021	.0001567	4.300731	.3328172	-.002900

Sample Name: J4536-16DLX4 Acquired: 8/22/2018 15:00:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAB45 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0674987	.0020222	.1157860
Stddev	.0011208	.0009454	.0001162
%RSD	1.660439	46.75208	.1003638

#1	.0687626	.0021094	.1157022
#2	.0666257	.0010362	.1157372
#3	.0671080	.0029210	.1159187

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1613.763	2568.122	29280.11	5146.588	2864.302
Stddev	12.394	11.872	104.27	15.053	9.707
%RSD	.7680151	.4622834	.3561107	.2924902	.3388994

#1	1601.103	2567.920	29161.44	5158.348	2868.194
#2	1625.872	2580.093	29321.84	5129.623	2871.459
#3	1614.315	2556.352	29357.05	5151.793	2853.253

Sample Name: PB112261BL Acquired: 8/22/2018 15:04:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) 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	-.002943	-.000633	.0012417	.0024623	.0009113	-.003383	-.000812
Stddev	.001794	.003967	.0002424	.0040546	.0025700	.005615	.001064
%RSD	60.95639	626.3629	19.52514	164.6666	282.0118	165.9951	130.9892

#1	-.004172	-.001569	.0015017	-.002218	-.001896	.000986	-.000151
#2	-.003774	-.004049	.0010218	.004715	.001481	-.009716	-.002039
#3	-.000884	.003718	.0012015	.004890	.003148	-.001418	-.000246

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000108	-.000012	-.003859	.0003055	-.000079	.0018056	.0247312
Stddev	.000122	.000046	.013233	.0005423	.000367	.0019335	.0208264
%RSD	113.6905	369.4509	342.9398	177.5232	462.2773	107.0846	84.21118

#1	-.000200	-.000063	-.015946	.0005286	.000191	-.000422	.0272282
#2	.000031	.000001	.010281	.0007007	-.000497	.003043	.0441966
#3	-.000154	.000025	-.005911	-.000313	.000068	.002796	.0027688

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000302	-.056732	-.000597	.0004495	.1464421	.0005141	-.009894
Stddev	.0011075	.051035	.000177	.0001227	.3295251	.0054711	.007278
%RSD	3664.821	89.95765	29.71203	27.28538	225.0207	1064.182	73.55988

#1	.0002858	-.060919	-.000392	.0003100	.3290478	.0060969	-.018248
#2	-.001183	-.003733	-.000703	.0005402	-.233960	-.004838	-.004932
#3	.000988	-.105544	-.000695	.0004984	.344238	.000283	-.006501

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.072150	-.000307	.0045917	.0000254	-.041309	.0016038	.0003083
Stddev	.055605	.003431	.0004856	.0001683	.000930	.0004172	.0010832
%RSD	77.06872	1117.924	10.57660	662.6345	2.252161	26.01132	351.3128

#1	-.009662	-.001397	.0045261	.0001864	-.040635	.0018500	-.000774
#2	-.116176	.003537	.0051068	-.000149	-.042371	.0018393	.000308
#3	-.090612	-.003061	.0041421	.000039	-.040921	.0011222	.001392

Sample Name: PB112261BL Acquired: 8/22/2018 15:04:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) 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	-.000525	-.012749	.0000513
Stddev	.002307	.001460	.0001285
%RSD	439.3241	11.45063	250.5530

#1	.001271	-.014378	-.000002
#2	.000280	-.011559	.000198
#3	-.003127	-.012311	-.000042

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1702.055	2708.546	30095.40	5213.333	3238.507
Stddev	1.709	9.617	66.78	3.295	13.566
%RSD	.1003953	.3550614	.2218941	.0632017	.4188906

#1	1702.280	2708.086	30081.42	5215.725	3233.391
#2	1703.640	2718.386	30036.71	5214.700	3253.887
#3	1700.245	2699.168	30168.06	5209.575	3228.243

Sample Name: PB112261BS Acquired: 8/22/2018 15:08:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) 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	.0183900	.0510732	.0208261	.0775600	.1233783	.3898154
Stddev	.0017077	.0012070	.0008636	.0016086	.0036743	.0086949
%RSD	9.285804	2.363271	4.146573	2.073998	2.978089	2.230509

#1	.0199590	.0499109	.0198293	.0778631	.1229966	.3836644
#2	.0186398	.0523204	.0213452	.0789954	.1199097	.3997629
#3	.0165712	.0509882	.0213039	.0758214	.1272286	.3860188

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4103281	.0110013	.0107411	9.970262	.0218094	.0996942
Stddev	.0028353	.0001217	.0000542	.105726	.0004359	.0007653
%RSD	.6909796	1.106597	.5042082	1.060413	1.998666	.7676470

#1	.4081180	.0111176	.0107113	9.870041	.0213996	.0991911
#2	.4135249	.0108747	.0107084	10.08074	.0217612	.0993166
#3	.4093414	.0110114	.0108036	9.96000	.0222674	.1005749

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0528163	.2351445	.0322658	9.602352	.0829492	.0206243
Stddev	.0027761	.0156436	.0002106	.119524	.0004761	.0003143
%RSD	5.256085	6.652765	.6525844	1.244734	.5739858	1.523674

#1	.0540561	.2376115	.0324082	9.502988	.0824700	.0209683
#2	.0496364	.2184140	.0320239	9.734986	.0829555	.0205523
#3	.0547565	.2494081	.0323653	9.569082	.0834222	.0203523

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.765843	.1081695	.1193006	9.180462	F .1763637	F .0242646
Stddev	.117289	.0075855	.0099816	.125729	.0035053	.0008907
%RSD	1.201014	7.012593	8.366754	1.369523	1.987536	3.670946

#1	9.892697	.1001949	.1302868	9.056545	.1724308	.0239360
#2	9.661333	.1090192	.1107891	9.307927	.1775017	.0252730
#3	9.743500	.1152943	.1168261	9.176914	.1791586	.0235849

Sample Name: PB112261BS Acquired: 8/22/2018 15:08:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) 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	.0202843	.1580689	.2016441	F .0140257	.1028611	.0820623
Stddev	.0005474	.0024418	.0017763	.0012900	.0022502	.0013050
%RSD	2.698721	1.544742	.8809155	9.197202	2.187599	1.590214

#1	.0198712	.1580265	.1996021	.0129806	.1018634	.0805566
#2	.0200765	.1556486	.2028321	.0136291	.1012822	.0828664
#3	.0209052	.1605316	.2024981	.0154674	.1054376	.0827638

Elem	Sr4077
Units	ppm
Avg	.2059701
Stddev	.0005079
%RSD	.2466145

#1	.2053854
#2	.2062229
#3	.2063021

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1757.590	2781.465	31059.09	5366.867	3363.599
Stddev	7.484	12.111	111.21	21.705	12.893
%RSD	.4258358	.4354060	.3580510	.4044246	.3833062

#1	1749.225	2785.234	30937.20	5390.600	3368.228
#2	1763.654	2791.243	31155.01	5348.025	3373.539
#3	1759.891	2767.918	31085.08	5361.975	3349.031

Sample Name: J4567-01 Acquired: 8/22/2018 15:12:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB47 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0691660	-.002020	2.550852	.0149055	.0076975	80.98792	2.899444
Stddev	.0028490	.006268	.006297	.0050400	.0018080	.64283	.018868
%RSD	4.119042	310.3058	.2468744	33.81286	23.48790	.7937353	.6507468

#1	.0683354	-.009075	2.549969	.0092244	.0066455	81.56341	2.919945
#2	.0668246	.002907	2.545043	.0166529	.0066618	80.29417	2.882807
#3	.0723379	.000108	2.557544	.0188392	.0097851	81.10617	2.895580

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077836	.0156380	254.3106	.1407778	.0750569	.3740806	143.9155
Stddev	.0000627	.0001618	1.9265	.0006048	.0007778	.0048428	1.2247
%RSD	.8056351	1.034518	.7575416	.4296167	1.036240	1.294580	.8510029

#1	.0077293	.0154890	256.3910	.1413579	.0752999	.3756235	145.1221
#2	.0077692	.0158101	252.5883	.1401510	.0741866	.3686544	142.6734
#3	.0078522	.0156150	253.9525	.1408246	.0756842	.3779639	143.9510

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.205503	28.06844	.2005160	.0043730	1.537790	.1971457	3.098994
Stddev	.031996	.26916	.0007425	.0003490	.113834	.0025997	.012224
%RSD	.7608113	.9589401	.3703018	7.981493	7.402417	1.318689	.3944350

#1	4.242309	28.32535	.2006226	.0047170	1.432052	.1941510	3.099557
#2	4.184323	27.78851	.1997259	.0040192	1.658281	.1984625	3.110926
#3	4.189876	28.09144	.2011994	.0043827	1.523036	.1988235	3.086498

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.93028	10.33982	.0497185	.0083832	6.558448	1.841761	.0774599
Stddev	.28103	.02253	.0021872	.0003420	.016690	.011839	.0005693
%RSD	1.083801	.2179265	4.399066	4.079879	.2544846	.6427888	.7350098

#1	26.07749	10.33327	.0520797	.0086118	6.540614	1.834131	.0780607
#2	25.60622	10.32129	.0493138	.0079900	6.561039	1.835752	.0769284
#3	26.10712	10.36491	.0477620	.0085479	6.573691	1.855399	.0773907

Sample Name: J4567-01 Acquired: 8/22/2018 15:12:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAB47 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5508339	.0580445	.7540596
Stddev	.0023583	.0009177	.0042484
%RSD	.4281388	1.581067	.5634003

#1	.5492759	.0590029	.7585352
#2	.5535472	.0571738	.7500824
#3	.5496788	.0579567	.7535611

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1882.388	3008.227	34063.89	6058.967	3144.263
Stddev	7.385	5.434	135.52	52.124	2.652
%RSD	.3923198	.1806540	.3978410	.8602718	.0843481

#1	1878.874	3014.472	33912.47	6040.543	3142.920
#2	1890.874	3004.574	34173.81	6117.801	3147.318
#3	1877.417	3005.634	34105.39	6018.558	3142.551

Sample Name: J4567-02 Acquired: 8/22/2018 15:16:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB48 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0889464	-.003256	.9493649	.0114792	.0066929	76.33468	2.539517
Stddev	.0022373	.005326	.0021134	.0051399	.0009027	.04616	.004845
%RSD	2.515316	163.5853	.2226091	44.77557	13.48713	.0604768	.1907891

#1	.0910672	-.008393	.9493897	.0161061	.0069021	76.38670	2.536070
#2	.0866085	.002241	.9472392	.0059467	.0057040	76.29859	2.537424
#3	.0891637	-.003616	.9514658	.0123849	.0074727	76.31876	2.545057

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076661	.0107714	449.2057	.1286921	.0744404	.2812412	130.5901
Stddev	.0000936	.0002243	1.4234	.0007547	.0004405	.0043342	.0540
%RSD	1.221431	2.082384	.3168638	.5864709	.5917080	1.541106	.0413736

#1	.0077740	.0105142	450.1641	.1280810	.0748101	.2815507	130.6429
#2	.0076063	.0108732	447.5702	.1284595	.0745580	.2767606	130.5925
#3	.0076179	.0109267	449.8828	.1295357	.0739531	.2854124	130.5350

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.507461	27.56402	.1890641	.0043677	1.805837	.1882720	1.997429
Stddev	.024540	.05890	.0007416	.0004990	.127073	.0055048	.076555
%RSD	.5444333	.2136724	.3922332	11.42381	7.036811	2.923850	3.832684

#1	4.504283	27.63193	.1883445	.0041021	1.660143	.1930186	1.942533
#2	4.484665	27.53321	.1890220	.0049432	1.893768	.1895600	1.964873
#3	4.533435	27.52692	.1898259	.0040577	1.863602	.1822374	2.084881

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.54691	15.12528	.0267739	.0208443	9.735898	2.309410	.0326087
Stddev	.02968	.04759	.0026187	.0001770	.020546	.009686	.0008653
%RSD	.1316525	.3146319	9.780666	.8492428	.2110301	.4194329	2.653693

#1	22.58110	15.09253	.0238144	.0206540	9.715252	2.317110	.0318205
#2	22.53203	15.10344	.0277167	.0208749	9.736100	2.312585	.0335346
#3	22.52762	15.17987	.0287906	.0210040	9.756342	2.298534	.0324711

Sample Name: J4567-02 Acquired: 8/22/2018 15:16:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB48 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5427965	.0572287	1.144633
Stddev	.0053274	.0009268	.002222
%RSD	.9814757	1.619399	.1941258

#1	.5370732	.0566813	1.144248
#2	.5476112	.0582987	1.147023
#3	.5437051	.0567060	1.142630

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1884.712	3031.606	34201.89	6077.942	3112.113
Stddev	19.171	9.559	165.86	15.915	10.045
%RSD	1.017164	.3153229	.4849366	.2618440	.3227667

#1	1881.849	3036.213	34290.82	6071.610	3115.110
#2	1905.153	3037.989	34304.31	6066.168	3120.319
#3	1867.134	3020.615	34010.53	6096.048	3100.911

Sample Name: J4567-03 Acquired: 8/22/2018 15:20:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB49 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1278312	-.001164	7.961073	.0109793	.0074450	81.79173	3.342123
Stddev	.0045928	.002591	.020864	.0010700	.0024404	.22660	.005034
%RSD	3.592837	222.5663	.2620705	9.745321	32.77957	.2770463	.1506208

#1	.1331340	.000651	7.952576	.0118151	.0046276	82.05101	3.347564
#2	.1252406	-.004131	7.945800	.0097734	.0089022	81.63161	3.341174
#3	.1251190	-.000012	7.984845	.0113493	.0088051	81.69256	3.337631

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089625	.0223760	195.4581	.1754552	.1009765	.4465792	171.2507
Stddev	.0002560	.0001647	.3476	.0008577	.0006185	.0048091	.2667
%RSD	2.856109	.7359399	.1778635	.4888440	.6124981	1.076869	.1557233

#1	.0090574	.0225488	195.7513	.1763695	.1006269	.4508776	171.2345
#2	.0091575	.0222209	195.5489	.1753279	.1006120	.4413853	170.9924
#3	.0086727	.0223584	195.0741	.1746683	.1016906	.4474747	171.5251

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.081954	35.69219	.2505782	.0042330	6.776346	.2233858	9.471473
Stddev	.010788	.11914	.0003089	.0003894	.143199	.0022266	.071116
%RSD	.2122830	.3338087	.1232833	9.197935	2.113220	.9967400	.7508404

#1	5.083369	35.82221	.2509261	.0046372	6.872704	.2254507	9.389469
#2	5.070527	35.58823	.2503362	.0038605	6.844538	.2210267	9.508726
#3	5.091964	35.66614	.2504722	.0042011	6.611795	.2236800	9.516223

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.24740	12.82850	.0303956	.0170036	7.835079	1.932245	.0606126
Stddev	.10095	.05638	.0041803	.0001439	.040656	.014763	.0000092
%RSD	.4342615	.4394959	13.75283	.8465000	.5188918	.7640514	.0152280

#1	23.32998	12.81458	.0270891	.0171210	7.814448	1.942508	.0606209
#2	23.27736	12.78038	.0290035	.0170466	7.808876	1.938901	.0606144
#3	23.13485	12.89054	.0350943	.0168430	7.881914	1.915325	.0606027

Sample Name: J4567-03 Acquired: 8/22/2018 15:20:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAB49 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5637649	.0712819	.7257859
Stddev	.0028924	.0016507	.0014330
%RSD	.5130545	2.315677	.1974395

#1	.5604250	.0717871	.7268908
#2	.5654257	.0726209	.7241667
#3	.5654440	.0694377	.7263001

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1914.003	3071.454	34441.77	6075.371	3178.970
Stddev	4.361	2.045	81.43	28.738	3.421
%RSD	.2278422	.0665722	.2364225	.4730166	.1076261

#1	1918.515	3069.110	34529.19	6046.747	3175.798
#2	1909.811	3072.870	34428.04	6075.145	3178.517
#3	1913.682	3072.382	34368.08	6104.221	3182.595

Sample Name: J4567-04 Acquired: 8/22/2018 15:24:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB50 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0784559	-.001923	1.831905	.0078988	.0047034	50.29352	1.369064
Stddev	.0009509	.004196	.005581	.0022133	.0011140	.35512	.007105
%RSD	1.212077	218.1307	.3046598	28.02087	23.68503	.7060919	.5189317

#1	.0790325	-.003072	1.837617	.0102944	.0048035	50.31932	1.370540
#2	.0789769	-.005425	1.826465	.0074723	.0057641	50.63504	1.375315
#3	.0773583	.002727	1.831633	.0059298	.0035428	49.92621	1.361338

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056419	.0102400	278.1250	.1421247	.0517085	.2485141	105.5011
Stddev	.0001575	.0000163	2.2810	.0000339	.0002010	.0058703	.8268
%RSD	2.790950	.1594731	.8201280	.0238478	.3887864	2.362157	.7836901

#1	.0055888	.0102448	278.1392	.1421089	.0516201	.2429778	105.4952
#2	.0058190	.0102218	280.3989	.1421015	.0519386	.2546694	106.3308
#3	.0055178	.0102534	275.8370	.1421636	.0515668	.2478951	104.6772

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.918304	33.65914	.1591475	.0029926	10.60098	.1347945	4.131378
Stddev	.029270	.18567	.0006652	.0004938	.41876	.0011482	.028336
%RSD	1.002988	.5516273	.4179610	16.49991	3.950239	.8518315	.6858704

#1	2.927005	33.63366	.1595481	.0035300	10.40818	.1353530	4.148496
#2	2.942237	33.85624	.1583797	.0028889	11.08141	.1355566	4.098670
#3	2.885669	33.48753	.1595149	.0025589	10.31334	.1334739	4.146968

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.35716	5.444548	.0649984	.0115022	13.25842	2.402665	.0264808
Stddev	.24022	.016603	.0021744	.0003497	.02559	.008240	.0014115
%RSD	1.943942	.3049495	3.345326	3.040429	.1930246	.3429418	5.330099

#1	12.46529	5.458998	.0630388	.0115903	13.28556	2.408278	.0279922
#2	12.52430	5.426411	.0673376	.0117994	13.23472	2.406513	.0251970
#3	12.08188	5.448234	.0646188	.0111168	13.25496	2.393206	.0262532

Sample Name: J4567-04 Acquired: 8/22/2018 15:24:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAB50 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5547139	.0318492	.6995408
Stddev	.0011462	.0009678	.0038027
%RSD	.2066311	3.038649	.5436030

#1	.5558622	.0313746	.7006394
#2	.5535698	.0312103	.7026733
#3	.5547096	.0329627	.6953098

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1845.072	2943.688	33263.14	5871.075	3176.250
Stddev	9.026	1.853	101.95	19.113	2.918
%RSD	.4892160	.0629383	.3065097	.3255406	.0918795

#1	1848.661	2941.590	33372.63	5875.448	3172.880
#2	1851.753	2944.370	33170.92	5850.155	3177.937
#3	1834.804	2945.102	33245.88	5887.623	3177.932

Sample Name: J4567-05 Acquired: 8/22/2018 15:28:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB51 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0837350	.0007010	4.005104	.0086246	.0047983	80.86877	2.672822
Stddev	.0034712	.0034682	.020663	.0010101	.0006355	.34167	.013229
%RSD	4.145513	494.7728	.5159266	11.71158	13.24402	.4224984	.4949547

#1	.0799783	-.002804	3.993072	.0097284	.0048740	80.75792	2.675193
#2	.0868236	.004131	3.993277	.0077463	.0041284	81.25210	2.684705
#3	.0844031	.000776	4.028964	.0083992	.0053926	80.59628	2.658568

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078127	.0224548	108.2650	.1418945	.0950152	.3949779	151.6834
Stddev	.0001147	.0001486	.5053	.0004970	.0006319	.0065270	.3754
%RSD	1.468215	.6618435	.4667544	.3502636	.6650309	1.652485	.2474889

#1	.0078158	.0222851	108.1973	.1413215	.0946189	.3938949	151.5220
#2	.0076964	.0225618	108.8008	.1421537	.0946828	.3890602	152.1125
#3	.0079258	.0225175	107.7969	.1422083	.0957439	.4019786	151.4157

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.896268	26.15821	.2099241	.0057929	2.304941	.2078667	7.762456
Stddev	.028292	.22920	.0017817	.0001469	.132165	.0031555	.113571
%RSD	.5778341	.8762135	.8487103	2.535446	5.733991	1.518045	1.463077

#1	4.910315	25.92481	.2089886	.0059345	2.191893	.2044132	7.893056
#2	4.914789	26.38297	.2088050	.0058030	2.272681	.2105996	7.686856
#3	4.863702	26.16683	.2119786	.0056413	2.450250	.2085874	7.707457

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.34976	10.77632	.0189712	.0131845	7.119797	1.629736	.0801560
Stddev	.07583	.05318	.0014591	.0001352	.016958	.011576	.0015397
%RSD	.3247490	.4934714	7.691000	1.025541	.2381757	.7102732	1.920865

#1	23.35181	10.72480	.0174310	.0132360	7.119656	1.628872	.0797183
#2	23.42454	10.77314	.0191498	.0130311	7.102910	1.641720	.0788825
#3	23.27293	10.83101	.0203327	.0132863	7.136824	1.618617	.0818671

Sample Name: J4567-05 Acquired: 8/22/2018 15:28:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAB51 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5491636	.0598243	.4274762
Stddev	.0038283	.0018964	.0007343
%RSD	.6971055	3.169963	.1717837

#1	.5534420	.0579581	.4280363
#2	.5479874	.0617495	.4277474
#3	.5460615	.0597652	.4266448

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1964.116	3110.626	35268.16	6138.853	3255.691
Stddev	9.444	13.874	105.85	25.340	11.092
%RSD	.4808442	.4460192	.3001173	.4127782	.3407003

#1	1953.436	3123.265	35218.17	6163.536	3264.162
#2	1971.367	3112.834	35389.75	6112.904	3259.775
#3	1967.545	3095.781	35196.58	6140.119	3243.136

Sample Name: J4567-06 Acquired: 8/22/2018 15:32:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB52 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0977995	.0027256	.5908130	.0092327	.0027839	86.15276	2.441643
Stddev	.0011833	.0011980	.0014031	.0025446	.0005696	.26652	.005251
%RSD	1.209974	43.95265	.2374854	27.56094	20.46113	.3093598	.2150729

#1	.0983925	.0040906	.5892041	.0118849	.0029068	86.38447	2.446468
#2	.0985692	.0022371	.5914519	.0068114	.0032821	86.21231	2.442411
#3	.0964369	.0018490	.5917828	.0090018	.0021629	85.86150	2.436050

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080287	.0076073	71.84324	.1352073	.1029207	.2427450	144.0783
Stddev	.0000475	.0001883	.21463	.0006961	.0006357	.0043117	.2500
%RSD	.5921492	2.474743	.2987450	.5148457	.6176375	1.776241	.1735417

#1	.0080143	.0076962	72.08567	.1356789	.1021944	.2453182	144.3322
#2	.0079899	.0073911	71.76655	.1355351	.1033758	.2377672	144.0704
#3	.0080817	.0077347	71.67748	.1344078	.1031919	.2451496	143.8323

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.454170	30.53573	.2300375	.0038044	1.301826	.1928937	1.173235
Stddev	.014760	.05945	.0008410	.0006937	.438384	.0046557	.012922
%RSD	.2286887	.1946919	.3656142	18.23426	33.67454	2.413618	1.101406

#1	6.468786	30.47133	.2293039	.0041469	1.765350	.1952455	1.184211
#2	6.454453	30.54736	.2298532	.0030061	.893884	.1875312	1.158993
#3	6.439270	30.58851	.2309554	.0042603	1.246243	.1959045	1.176500

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.29873	7.653164	-.010628	.0036822	2.843846	1.519522	.0150295
Stddev	.05934	.023132	.002328	.0002090	.010513	.010259	.0008093
%RSD	.2661341	.3022499	21.90040	5.674901	.3696658	.6751675	5.385012

#1	22.36258	7.632594	-.010071	.0036964	2.832214	1.508519	.0147337
#2	22.28834	7.648694	-.008630	.0034666	2.846653	1.521221	.0159451
#3	22.24526	7.678205	-.013184	.0038838	2.852670	1.528825	.0144097

Sample Name: J4567-06 Acquired: 8/22/2018 15:32:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAB52 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4718044	.0656755	.4104750
Stddev	.0035628	.0024902	.0017809
%RSD	.7551493	3.791670	.4338645

#1	.4712340	.0643559	.4125308
#2	.4685612	.0685477	.4094884
#3	.4756181	.0641227	.4094057

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2014.705	3196.339	35927.42	6308.483	3260.512
Stddev	15.774	10.415	117.92	27.881	10.718
%RSD	.7829349	.3258502	.3282148	.4419615	.3287321

#1	2024.353	3203.934	35969.40	6282.359	3271.978
#2	2023.261	3200.617	35794.25	6337.839	3258.814
#3	1996.502	3184.466	36018.60	6305.253	3250.744

Sample Name: J4567-07 Acquired: 8/22/2018 15:36:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB52D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0959531	.0031099	.5922127	.0110151	.0024747	85.62385	2.447831
Stddev	.0034749	.0020179	.0006289	.0041214	.0006163	.28136	.001201
%RSD	3.621444	64.88665	.1061884	37.41565	24.90529	.3286043	.0490619

#1	.0944320	.0007943	.5915134	.0146016	.0019553	85.50914	2.448917
#2	.0999291	.0040431	.5927317	.0065129	.0031557	85.41796	2.448035
#3	.0934980	.0044922	.5923929	.0119308	.0023130	85.94445	2.446541

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079524	.0074043	71.37945	.1333911	.1029322	.2416619	142.9865
Stddev	.0001077	.0002016	.03107	.0008146	.0004465	.0039938	.4899
%RSD	1.354657	2.722506	.0435229	.6107101	.4337564	1.652648	.3426361

#1	.0078321	.0075229	71.41530	.1324872	.1032778	.2458327	142.8623
#2	.0080400	.0075184	71.36263	.1336176	.1024281	.2412806	142.5707
#3	.0079851	.0071716	71.36041	.1340686	.1030907	.2378724	143.5267

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.430254	30.31312	.2297886	.0034876	1.396811	.1946795	1.190316
Stddev	.019217	.05165	.0006878	.0001411	.371505	.0022997	.017023
%RSD	.2988508	.1703830	.2993317	4.046662	26.59668	1.181297	1.430154

#1	6.408112	30.35621	.2291533	.0033247	1.288608	.1971773	1.171312
#2	6.442585	30.25587	.2296935	.0035714	1.810406	.1942114	1.195469
#3	6.440065	30.32727	.2305190	.0035668	1.091420	.1926499	1.204168

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.21270	7.590058	-.010431	.0038909	2.829965	1.508645	.0155704
Stddev	.01606	.030251	.002431	.0004424	.005897	.005383	.0001993
%RSD	.0722807	.3985602	23.30902	11.36979	.2083909	.3568347	1.279919

#1	22.19532	7.577052	-.012330	.0038134	2.827087	1.509674	.0153566
#2	22.21579	7.568486	-.011273	.0034923	2.826058	1.502822	.0157510
#3	22.22698	7.624637	-.007691	.0043669	2.836749	1.513440	.0156038

Sample Name: J4567-07 Acquired: 8/22/2018 15:36:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB52D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4690973	.0636250	.4098491
Stddev	.0041255	.0018137	.0004245
%RSD	.8794615	2.850534	.1035793

#1	.4709110	.0615403	.4094909
#2	.4720053	.0648402	.4103180
#3	.4643757	.0644945	.4097384

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2007.905	3206.270	35904.86	6329.107	3268.165
Stddev	10.296	4.910	70.29	17.679	9.365
%RSD	.5127709	.1531508	.1957594	.2793358	.2865386

#1	2017.839	3203.954	35985.00	6309.380	3265.288
#2	2008.595	3211.910	35853.68	6334.422	3278.631
#3	1997.282	3202.946	35875.90	6343.519	3260.577

Sample Name: J4567-08 Acquired: 8/22/2018 15:40:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB52S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1682727	.1097257	.6254503	.1037576	.1957577	88.63264	6.614143
Stddev	.0024933	.0072019	.0029039	.0018926	.0007248	.02238	.012942
%RSD	1.481713	6.563562	.4642834	1.824103	.3702658	.0252459	.1956778

#1	.1668285	.1130877	.6266965	.1025425	.1949216	88.60763	6.619597
#2	.1711518	.1146318	.6221314	.1027919	.1961426	88.65074	6.623466
#3	.1668380	.1014576	.6275231	.1059382	.1962088	88.63957	6.599367

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1089771	.1242675	70.83106	.5393194	1.278493	.7504499	144.1329
Stddev	.0006137	.0003677	.09529	.0017905	.005512	.0029073	.1926
%RSD	.5631842	.2958743	.1345366	.3320020	.4311532	.3874132	.1336256

#1	.1096722	.1242847	70.84099	.5373183	1.275609	.7473994	144.0149
#2	.1085101	.1238916	70.92100	.5398699	1.275021	.7531890	144.3552
#3	.1087488	.1246263	70.73119	.5407701	1.284849	.7507612	144.0286

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.440871	30.03364	1.413133	.1005788	1.247730	1.252480	2.138397
Stddev	.032801	.03338	.005981	.0005772	.224835	.005273	.019305
%RSD	.4408240	.1111347	.4232400	.5738993	18.01954	.4210183	.9027838

#1	7.459367	30.05980	1.411704	.1012389	1.379369	1.253055	2.144443
#2	7.460246	30.04509	1.407996	.1003287	1.375701	1.246944	2.153955
#3	7.402999	29.99605	1.419699	.1001689	.988122	1.257443	2.116792

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.08128	7.463519	-.010448	.0035752	2.780249	1.743931	.0167564
Stddev	.06834	.028989	.000404	.0001452	.022535	.016561	.0013738
%RSD	.3095119	.3884051	3.864250	4.062153	.8105426	.9496140	8.198727

#1	22.10427	7.456402	-.010885	.0034122	2.800020	1.762486	.0152610
#2	22.13516	7.495403	-.010370	.0036223	2.785014	1.730649	.0179624
#3	22.00440	7.438751	-.010089	.0036910	2.755712	1.738657	.0170459

Sample Name: J4567-08 Acquired: 8/22/2018 15:40:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB52S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4660866	.0652047	.4034995
Stddev	.0011390	.0004468	.0006499
%RSD	.2443835	.6852323	.1610667

#1	.4673753	.0648017	.4039030
#2	.4652145	.0656852	.4038457
#3	.4656699	.0651272	.4027498

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2015.515	3222.613	36151.12	6325.805	3297.626
Stddev	12.466	14.258	41.60	19.094	11.480
%RSD	.6185064	.4424361	.1150596	.3018370	.3481417

#1	2002.020	3232.257	36117.32	6309.518	3301.479
#2	2026.601	3229.347	36197.57	6346.818	3306.685
#3	2017.925	3206.235	36138.46	6321.079	3284.715

Sample Name: J4567-09 Acquired: 8/22/2018 15:48:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB53 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0834954	.0024131	3.158136	.0135665	.0089482	69.85891	2.387389
Stddev	.0025585	.0020074	.009315	.0011151	.0010190	.48475	.011621
%RSD	3.064201	83.18657	.2949485	8.219493	11.38774	.6939007	.4867619

#1	.0855614	.0015857	3.148594	.0124149	.0086092	69.32261	2.373972
#2	.0806336	.0047019	3.167206	.0136436	.0081420	70.26590	2.394269
#3	.0842913	.0009517	3.158608	.0146411	.0100936	69.98821	2.393927

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087870	.0244160	118.6937	.1279328	.0995517	.3668269	160.6499
Stddev	.0000362	.0001068	.6177	.0007351	.0002666	.0016966	.7444
%RSD	.4114992	.4372697	.5203847	.5745915	.2677560	.4624938	.4633933

#1	.0087484	.0243087	117.9854	.1282594	.0998570	.3686310	159.7906
#2	.0087925	.0244170	118.9755	.1270910	.0994330	.3652637	161.0588
#3	.0088201	.0245222	119.1201	.1284480	.0993652	.3665861	161.1003

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.923646	20.99752	.2298400	.0049160	2.700938	.1963613	5.265391
Stddev	.025619	.17345	.0007338	.0001743	.233079	.0005496	.031871
%RSD	.4324807	.8260317	.3192818	3.546119	8.629574	.2798714	.6052826

#1	5.894557	20.82269	.2293527	.0051173	2.857316	.1957494	5.302122
#2	5.933528	21.16955	.2306840	.0048164	2.812448	.1968128	5.245061
#3	5.942851	21.00032	.2294834	.0048143	2.433051	.1965218	5.248991

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.51756	9.970080	.0347530	.0108526	7.976636	1.847875	.0837678
Stddev	.18223	.037192	.0034375	.0000684	.015073	.024615	.0017821
%RSD	.8881902	.3730328	9.891268	.6303619	.1889629	1.332092	2.127418

#1	20.31474	9.928482	.0314338	.0109301	7.964244	1.845635	.0821629
#2	20.57042	9.981636	.0345274	.0108005	7.972250	1.873534	.0834547
#3	20.66752	10.00012	.0382977	.0108273	7.993416	1.824457	.0856856

Sample Name: J4567-09 Acquired: 8/22/2018 15:48:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB53 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5737200	.0464152	.5566351
Stddev	.0018526	.0008592	.0009245
%RSD	.3229081	1.851008	.1660935

#1	.5757175	.0473781	.5555678
#2	.5720582	.0461409	.5571486
#3	.5733845	.0457268	.5571890

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1909.257	3083.428	34307.95	5996.677	3229.520
Stddev	10.821	5.346	120.16	32.845	5.595
%RSD	.5667756	.1733711	.3502376	.5477166	.1732441

#1	1914.655	3085.705	34419.23	6027.132	3235.509
#2	1896.799	3087.258	34324.08	5961.875	3228.624
#3	1916.318	3077.321	34180.54	6001.024	3224.427

Sample Name: J4567-10 Acquired: 8/22/2018 15:52:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB54 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1243791	.0022205	6.211327	.0124293	.0093844	86.26236	3.016735
Stddev	.0024068	.0014492	.030946	.0027098	.0008861	.29878	.012305
%RSD	1.935058	65.26359	.4982179	21.80207	9.442086	.3463596	.4078847

#1	.1266658	.0022222	6.190763	.0115434	.0083722	86.42654	3.028307
#2	.1218679	.0036689	6.196301	.0102732	.0100196	85.91749	3.003809
#3	.1246035	.0007705	6.246917	.0154712	.0097615	86.44304	3.018088

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090436	.0346219	102.0515	.1694135	.0982636	.4798547	166.4060
Stddev	.0000560	.0001571	.3546	.0006579	.0003988	.0069404	.3832
%RSD	.6196227	.4537504	.3475000	.3883330	.4058720	1.446361	.2302987

#1	.0091021	.0344456	102.3774	.1690932	.0981301	.4720839	166.7446
#2	.0090383	.0346729	101.6738	.1701702	.0979485	.4820428	165.9900
#3	.0089904	.0347472	102.1033	.1689771	.0987120	.4854374	166.4835

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.009104	35.30030	.2390337	.0055814	2.210040	.2215408	9.221543
Stddev	.008219	.10767	.0017957	.0001614	.289600	.0052643	.065978
%RSD	.1026153	.3050228	.7512244	2.892533	13.10385	2.376206	.7154775

#1	8.018093	35.40185	.2385839	.0053975	2.127324	.2209787	9.277119
#2	8.001975	35.31165	.2375056	.0056469	1.970796	.2165802	9.238884
#3	8.007244	35.18740	.2410115	.0056999	2.531998	.2270636	9.148626

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.09753	9.493402	.0252186	.0077299	5.940056	1.625373	.0971241
Stddev	.12304	.051104	.0010948	.0001393	.039480	.008996	.0021962
%RSD	.5327098	.5383147	4.341321	1.802630	.6646468	.5534818	2.261213

#1	23.21643	9.469260	.0240172	.0077051	5.908765	1.623640	.0968005
#2	22.97073	9.458841	.0254787	.0076047	5.926990	1.617370	.0951077
#3	23.10543	9.552105	.0261600	.0078800	5.984413	1.635110	.0994642

Sample Name: J4567-10 Acquired: 8/22/2018 15:52:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB54 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5690408	.0638449	.4439166
Stddev	.0026851	.0024542	.0011428
%RSD	.4718548	3.843993	.2574415

#1	.5661567	.0657070	.4452344
#2	.5714683	.0610639	.4431986
#3	.5694974	.0647639	.4433166

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1963.718	3140.926	35290.47	6174.588	3227.535
Stddev	11.358	8.379	41.33	38.385	12.339
%RSD	.5784054	.2667633	.1171112	.6216531	.3822993

#1	1952.894	3147.937	35244.48	6131.849	3237.265
#2	1962.717	3143.195	35302.45	6206.126	3231.682
#3	1975.544	3131.647	35324.49	6185.789	3213.656

Sample Name: J4567-11 Acquired: 8/22/2018 15:56:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB55 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0576738	-.002625	5.332099	.0113719	.0071249	72.10976	2.310005
Stddev	.0026843	.001615	.017367	.0031244	.0010828	.14950	.003497
%RSD	4.654197	61.55400	.3257037	27.47454	15.19764	.2073224	.1513653

#1	.0590586	-.002001	5.326718	.0113375	.0077306	72.09573	2.307680
#2	.0545799	-.001414	5.318059	.0145133	.0077692	71.96777	2.308309
#3	.0593828	-.004459	5.351519	.0082648	.0058747	72.26578	2.314026

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065290	.0247313	141.0888	.1561674	.0806182	.2374161	124.0550
Stddev	.0000578	.0000995	.4137	.0006889	.0006127	.0022936	.4716
%RSD	.8845616	.4025371	.2932066	.4411348	.7600406	.9660495	.3801424

#1	.0064758	.0246167	140.7345	.1568507	.0799158	.2362305	123.6133
#2	.0065208	.0247798	140.9886	.1561784	.0808960	.2400598	124.0000
#3	.0065904	.0247972	141.5434	.1554730	.0810428	.2359580	124.5517

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.130035	25.15891	.1657252	.0035857	2.234438	.1852590	7.490603
Stddev	.014560	.04271	.0012427	.0000953	.099646	.0065313	.065027
%RSD	.3525317	.1697675	.7498812	2.657961	4.459550	3.525521	.8681130

#1	4.118020	25.16525	.1652033	.0034902	2.324819	.1894057	7.479062
#2	4.125859	25.19811	.1648285	.0035861	2.127581	.1777302	7.560628
#3	4.146227	25.11339	.1671438	.0036809	2.250915	.1886411	7.432120

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.11897	11.44597	.0411014	.0060168	7.863921	1.744250	.0376087
Stddev	.18421	.07393	.0029923	.0004717	.053910	.018109	.0012621
%RSD	.7637371	.6458797	7.280377	7.839332	.6855408	1.038234	3.355757

#1	23.95151	11.45264	.0445434	.0065509	7.880857	1.723339	.0390501
#2	24.08911	11.36894	.0396426	.0058420	7.803577	1.754612	.0370743
#3	24.31628	11.51634	.0391183	.0056575	7.907331	1.754798	.0367018

Sample Name: J4567-11 Acquired: 8/22/2018 15:56:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB55 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5533274	.0502192	.5397577
Stddev	.0060389	.0011021	.0016633
%RSD	1.091382	2.194587	.3081472

#1	.5571690	.0492649	.5394470
#2	.5564464	.0514255	.5382718
#3	.5463667	.0499672	.5415544

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1901.109	3048.775	34357.54	6026.917	3223.690
Stddev	9.715	13.116	110.23	21.142	13.938
%RSD	.5110394	.4302197	.3208429	.3507991	.4323760

#1	1911.976	3046.451	34231.08	6037.871	3224.618
#2	1893.264	3062.898	34408.20	6040.336	3237.142
#3	1898.085	3036.976	34433.34	6002.546	3209.311

Sample Name: J4567-12 Acquired: 8/22/2018 16:00:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB56 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0769369	.0002135	6.814751	.0107681	.0057582	77.54167	2.681545
Stddev	.0033504	.0008989	.021627	.0030343	.0036883	.30572	.007283
%RSD	4.354738	420.9473	.3173577	28.17891	64.05275	.3942639	.2716044

#1	.0799697	.0012387	6.800059	.0142112	.0074692	77.50563	2.677604
#2	.0775005	-.000440	6.804608	.0096089	.0015251	77.25557	2.677082
#3	.0733404	-.000158	6.839585	.0084842	.0082801	77.86381	2.689950

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074565	.0273058	194.3637	.1176298	.0846527	.2261994	133.1837
Stddev	.0000400	.0002138	.8179	.0001317	.0003902	.0036331	.5743
%RSD	.5360378	.7829261	.4208317	.1119537	.4609172	1.606136	.4312220

#1	.0074348	.0272088	194.1290	.1174815	.0845206	.2299742	132.8554
#2	.0074320	.0275509	193.6888	.1177328	.0843457	.2227269	132.8488
#3	.0075026	.0271578	195.2734	.1176753	.0850918	.2258972	133.8468

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.727389	24.30011	.1939448	.0046990	1.366962	.2012743	5.615369
Stddev	.026018	.08687	.0006863	.0000459	.249422	.0055517	.027439
%RSD	.5503588	.3575080	.3538548	.9770614	18.24646	2.758257	.4886447

#1	4.719390	24.26323	.1934017	.0047335	1.207280	.1958146	5.583710
#2	4.706310	24.23777	.1947161	.0047165	1.239228	.2069136	5.632276
#3	4.756467	24.39935	.1937166	.0046469	1.654379	.2010947	5.630123

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.82541	7.653319	.0154802	.0078568	5.865517	1.744309	.0545689
Stddev	.07555	.030656	.0004151	.0001311	.006319	.007641	.0011193
%RSD	.3810591	.4005615	2.681697	1.668255	.1077305	.4380566	2.051225

#1	19.81190	7.658438	.0150032	.0079042	5.868411	1.751087	.0535144
#2	19.75752	7.620426	.0157592	.0079576	5.869871	1.736028	.0544490
#3	19.90679	7.681094	.0156784	.0077086	5.858269	1.745811	.0557434

Sample Name: J4567-12 Acquired: 8/22/2018 16:00:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB56 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5289906	.0568845	.5796929
Stddev	.0005539	.0011997	.0008084
%RSD	.1047178	2.108922	.1394445

#1	.5283724	.0577188	.5787799
#2	.5294419	.0574250	.5803175
#3	.5291575	.0555097	.5799814

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1928.388	3087.221	34549.75	6085.536	3215.984
Stddev	3.615	2.246	16.09	26.444	5.004
%RSD	.1874708	.0727564	.0465763	.4345346	.1555900

#1	1924.701	3086.549	34533.23	6056.771	3220.788
#2	1931.927	3089.726	34550.64	6108.789	3216.363
#3	1928.536	3085.387	34565.38	6091.050	3210.802

Sample Name: J4567-13 Acquired: 8/22/2018 16:04:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB58 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0845018	-.001404	2.980375	.0132867	.0074209	75.84153	2.956557
Stddev	.0010686	.002487	.008908	.0017480	.0011673	.18861	.003256
%RSD	1.264547	177.1273	.2988763	13.15609	15.73042	.2486915	.1101346

#1	.0848138	.000780	2.978772	.0118960	.0061066	75.62742	2.954159
#2	.0853796	-.000882	2.972378	.0127152	.0078187	75.91405	2.960264
#3	.0833119	-.004111	2.989975	.0152489	.0083373	75.98312	2.955247

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081992	.0136116	115.6009	.1114268	.0839411	.3102383	150.3213
Stddev	.0002114	.0002583	.2289	.0020414	.0005462	.0069198	.2816
%RSD	2.577778	1.897664	.1979707	1.832061	.6507042	2.230491	.1873319

#1	.0079616	.0136047	115.3488	.1109575	.0844371	.3182286	150.1764
#2	.0082700	.0133568	115.6584	.1096608	.0833557	.3062436	150.1418
#3	.0083661	.0138732	115.7955	.1136619	.0840304	.3062427	150.6459

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.831872	24.60063	.1982243	.0044403	2.836600	.2106518	3.513697
Stddev	.015163	.06274	.0011691	.0004160	.176537	.0053923	.022581
%RSD	.3138084	.2550538	.5898075	9.369081	6.223526	2.559837	.6426497

#1	4.821707	24.56103	.1971960	.0039809	2.660871	.2117076	3.488708
#2	4.824609	24.56788	.1979810	.0045483	3.013934	.2154382	3.532639
#3	4.849301	24.67297	.1994960	.0047917	2.834995	.2048097	3.519743

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.35596	11.19450	.0535649	.0082208	6.378482	1.703218	.0612398
Stddev	.21998	.06049	.0037186	.0004116	.051555	.024786	.0017933
%RSD	.8346496	.5403416	6.942202	5.006623	.8082687	1.455240	2.928285

#1	26.11087	11.19148	.0576888	.0078251	6.370839	1.674666	.0601537
#2	26.42069	11.13557	.0525389	.0081906	6.331174	1.715780	.0602561
#3	26.53631	11.25644	.0504670	.0086466	6.433432	1.719207	.0633097

Sample Name: J4567-13 Acquired: 8/22/2018 16:04:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAB58 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5669108	.0526491	.8360475
Stddev	.0012074	.0015068	.0007499
%RSD	.2129707	2.861880	.0896919

#1	.5677236	.0542412	.8369128
#2	.5655235	.0512454	.8356442
#3	.5674854	.0524606	.8355857

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1946.505	3136.421	35014.52	6119.862	3258.113
Stddev	17.364	9.867	294.95	50.808	12.658
%RSD	.8920818	.3146071	.8423704	.8302130	.3885185

#1	1963.099	3141.594	35080.60	6168.120	3264.223
#2	1947.956	3142.626	35270.83	6124.626	3266.558
#3	1928.461	3125.043	34692.14	6066.840	3243.559

Sample Name: CCV002 Acquired: 8/22/2018 16:08:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.795240	4.823745	24.55012	4.648199	4.793468	402.8736	9.861162
Stddev	.025225	.025199	.06414	.017238	.016410	.7624	.017090
%RSD	.5260495	.5224004	.2612426	.3708521	.3423430	.1892398	.1733084

#1	4.805242	4.794691	24.50773	4.644362	4.797158	402.6602	9.845973
#2	4.766548	4.836881	24.51874	4.633202	4.775527	402.2406	9.857845
#3	4.813931	4.839662	24.62391	4.667032	4.807719	403.7199	9.879667

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4926411	2.465349	399.7050	14.95329	2.491864	14.64249	410.4407
Stddev	.0020917	.009204	1.2540	.02545	.009515	.01840	1.5406
%RSD	.4245940	.3733526	.3137256	.1701722	.3818522	.1256764	.3753453

#1	.4910599	2.457034	398.6094	14.93438	2.484005	14.62128	409.1667
#2	.4918505	2.463774	399.4329	14.98222	2.489143	14.65420	410.0025
#3	.4950129	2.475239	401.0727	14.94327	2.502443	14.65199	412.1529

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.63346	402.1205	2.488485	1.246297	389.6971	2.464519	14.49946
Stddev	.07062	1.0182	.005645	.001116	.9338	.021432	.08900
%RSD	.4825990	.2532165	.2268385	.0895334	.2396092	.8696140	.6138292

#1	14.57081	401.3380	2.484770	1.245263	389.2881	2.475807	14.59962
#2	14.61957	401.7519	2.485704	1.246149	389.0376	2.439803	14.42944
#3	14.70999	403.2718	2.494981	1.247480	390.7655	2.477948	14.46933

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.0423	5.045643	4.758115	4.813720	4.982609	4.817458	4.983151
Stddev	.6549	.033336	.041030	.011560	.025570	.034069	.016685
%RSD	.4364720	.6606814	.8623062	.2401414	.5131836	.7072002	.3348279

#1	149.6255	5.013125	4.719076	4.808096	4.982677	4.788730	4.965836
#2	149.7043	5.044065	4.754389	4.806049	4.957006	4.808547	4.984493
#3	150.7972	5.079740	4.800880	4.827016	5.008145	4.855097	4.999124

Sample Name: CCV002 Acquired: 8/22/2018 16:08:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.935160	4.981058	4.944889
Stddev	.008425	.003938	.006000
%RSD	.1707145	.0790687	.1213428

#1	4.926497	4.977134	4.939003
#2	4.935657	4.981029	4.944666
#3	4.943325	4.985010	4.950997

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1552.216	2450.843	28856.47	5124.772	2747.227
Stddev	6.885	5.210	131.23	12.063	6.006
%RSD	.4435836	.2125679	.4547523	.2353807	.2186169

#1	1544.266	2448.546	28800.51	5138.101	2749.872
#2	1556.173	2456.806	28762.50	5114.606	2751.457
#3	1556.210	2447.176	29006.40	5121.609	2740.353

Sample Name: CCB002 Acquired: 8/22/2018 16:12:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003191	-.000611	.0011011	.0028161	.0001572	.0075815
Stddev	.002873	.001602	.0012523	.0044751	.0005338	.0028365
%RSD	90.03294	262.3866	113.7376	158.9134	339.5580	37.41310

#1	-.005663	.000927	-.000295	-.001183	-.000439	.0106744
#2	-.000039	-.000489	.002125	.001982	.000320	.0069681
#3	-.003872	-.002270	.001473	.007650	.000591	.0051019

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000553	-.000127	-.000006	-.001034	-.000070	-.000020
Stddev	.001085	.000041	.000021	.018140	.000091	.000024
%RSD	196.1138	31.98126	337.8316	1754.451	131.2052	117.4637

#1	-.001197	-.000174	-.000018	.008343	-.000012	.000002
#2	-.001161	-.000100	.000018	-.021943	-.000175	-.000018
#3	.000699	-.000108	-.000018	.010499	-.000022	-.000045

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042903	.0109428	-.000443	-.013545	.0003044	.0003537
Stddev	.0005971	.0207664	.000950	.032748	.0007372	.0001389
%RSD	13.91630	189.7728	214.5401	241.7739	242.1772	39.27733

#1	.0046588	.0333292	.000601	-.048673	.0001908	.0004916
#2	.0046107	-.007692	-.001258	.016139	-.000369	.0002138
#3	.0036015	.007192	-.000671	-.008100	.001092	.0003558

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.131012	.0001133	-.002799	-.094450	-.001981	F .0143020
Stddev	.295918	.0091980	.006650	.065461	.002874	.0019425
%RSD	225.8715	8121.439	237.5668	69.30715	145.0879	13.58243

#1	.064347	-.008233	.004314	-.083508	-.000694	.0165444
#2	.014093	.009975	-.008859	-.164693	.000025	.0132272
#3	-.471475	-.001402	-.003853	-.035150	-.005273	.0131343

Sample Name: CCB002 Acquired: 8/22/2018 16:12:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000203	-.035203	.0008167	.0011290	.0005213	-.004090
Stddev	.000174	.003443	.0008597	.0003059	.0016510	.002130
%RSD	85.71117	9.780603	105.2554	27.09550	316.7327	52.08286

#1	-.000144	-.031541	-.000119	.0014621	-.001324	-.002337
#2	-.000398	-.035691	.001572	.0010642	.001031	-.003473
#3	-.000066	-.038375	.000997	.0008606	.001858	-.006461

Elem	Sr4077
Units	ppm
Avg	.0000275
Stddev	.0000726
%RSD	264.4248

#1	.0001097
#2	-.000028
#3	.000000

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1741.854	2782.850	30785.90	5295.842	3316.534
Stddev	7.918	4.989	46.20	10.563	9.003
%RSD	.4545840	.1792637	.1500565	.1994551	.2714497

#1	1735.928	2787.058	30811.31	5305.175	3320.094
#2	1750.847	2784.153	30813.82	5284.375	3323.211
#3	1738.788	2777.339	30732.58	5297.975	3306.295

Sample Name: J4567-14 Acquired: 8/22/2018 16:16:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB58 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8187492	-.015585	.4304166	.1496600	.4331977	18.50620	.0609722
Stddev	.0074141	.003244	.0015028	.0024394	.0016921	.12205	.0003626
%RSD	.9055384	20.81707	.3491504	1.629937	.3905964	.6594998	.5946696

#1	.8217729	-.012124	.4292169	.1524745	.4318621	18.59350	.0609027
#2	.8103010	-.018557	.4299307	.1483500	.4326306	18.55837	.0606495
#3	.8241735	-.016075	.4321023	.1481555	.4351005	18.36674	.0613645

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2861536	.1949112	8.774148	.0289603	.3622877	.3098787	42.01377
Stddev	.0021551	.0004036	.041147	.0003798	.0008191	.0033501	.20673
%RSD	.7531185	.2070789	.4689584	1.311323	.2260795	1.081101	.4920534

#1	.2877773	.1944504	8.781592	.0292632	.3615862	.3113390	42.20676
#2	.2837087	.1950813	8.811065	.0290835	.3620891	.3122509	42.03894
#3	.2869748	.1952019	8.729787	.0285343	.3631878	.3060464	41.79561

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4211241	58.11710	.4061385	.0891128	39.85817	1.453119	.0479074
Stddev	.0012255	.35489	.0002881	.0002156	.26462	.015516	.0127704
%RSD	.2909944	.6106395	.0709280	.2419082	.6639111	1.067765	26.65634

#1	.4222476	58.33291	.4059789	.0888804	39.73757	1.465348	.0385721
#2	.4213073	58.31088	.4059656	.0891516	40.16161	1.458345	.0624604
#3	.4198173	57.70751	.4064711	.0893063	39.67533	1.435665	.0426896

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.255932	.1187393	.0579580	.0031572	.7198260	1.798970	.0035720
Stddev	.036551	.0009138	.0017887	.0001053	.0031209	.007482	.0019790
%RSD	1.620227	.7695760	3.086277	3.334624	.4335617	.4159301	55.40307

#1	2.266766	.1186858	.0597989	.0031960	.7233826	1.805348	.0014609
#2	2.215188	.1178533	.0562265	.0032374	.7185503	1.790734	.0053852
#3	2.285841	.1196786	.0578485	.0030380	.7175450	1.800828	.0038700

Sample Name: J4567-14 Acquired: 8/22/2018 16:16:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAB58 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6104172	-.005943	.0226662
Stddev	.0041990	.000822	.0000636
%RSD	.6878971	13.82530	.2807598

#1	.6151635	-.005038	.0226800
#2	.6071858	-.006641	.0225968
#3	.6089024	-.006150	.0227218

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1759.884	2828.782	31500.22	5433.275	3266.071
Stddev	9.468	10.449	170.51	10.450	4.603
%RSD	.5380087	.3693930	.5413123	.1923350	.1409261

#1	1753.265	2835.430	31377.09	5421.850	3267.279
#2	1770.729	2834.178	31428.73	5435.625	3269.949
#3	1755.658	2816.738	31694.84	5442.350	3260.984

Sample Name: J4567-15 Acquired: 8/22/2018 16:20:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB59 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5236950	.0009307	3.385434	.0135137	.0128201	72.54358	2.847551
Stddev	.0022267	.0016781	.012576	.0020665	.0019734	.14757	.005108
%RSD	.4251906	180.3132	.3714714	15.29172	15.39289	.2034182	.1793742

#1	.5211278	.0018156	3.383429	.0116335	.0129394	72.66431	2.850831
#2	.5248560	.0019812	3.373981	.0131815	.0147312	72.58735	2.850155
#3	.5251013	-.001005	3.398892	.0157262	.0107898	72.37908	2.841665

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089399	.0163686	78.83550	.1123140	.0922926	.4071797	194.4613
Stddev	.0000453	.0001179	.13326	.0001021	.0004107	.0051002	.2877
%RSD	.5068877	.7201846	.1690359	.0909382	.4450219	1.252568	.1479679

#1	.0089017	.0163040	78.74384	.1123458	.0921747	.4054722	194.6131
#2	.0089900	.0165046	78.98837	.1121998	.0919537	.4129145	194.6414
#3	.0089279	.0162971	78.77431	.1123965	.0927494	.4031523	194.1294

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.788689	23.92887	.2733779	.0062235	1.655400	.1965338	3.499182
Stddev	.013101	.18052	.0015703	.0002581	.139257	.0032113	.063836
%RSD	.2735913	.7543973	.5744168	4.146444	8.412254	1.633976	1.824317

#1	4.780761	23.94327	.2724938	.0061039	1.551997	.2001524	3.535295
#2	4.803812	24.10176	.2724490	.0065197	1.813747	.1954258	3.425476
#3	4.781495	23.74159	.2751910	.0060470	1.600458	.1940231	3.536776

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.55756	11.22399	.0227883	.0062579	4.423025	1.478574	.1265942
Stddev	.06416	.05328	.0027451	.0000884	.029659	.003388	.0006588
%RSD	.3280361	.4747333	12.04619	1.412766	.6705619	.2291522	.5204322

#1	19.62613	11.18231	.0259562	.0061733	4.394987	1.481544	.1262669
#2	19.54757	11.20564	.0212994	.0063497	4.420012	1.474883	.1273526
#3	19.49899	11.28403	.0211093	.0062506	4.454076	1.479296	.1261630

Sample Name: J4567-15 Acquired: 8/22/2018 16:20:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB59 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4791762	.0616119	.5846253
Stddev	.0034217	.0004491	.0007039
%RSD	.7140869	.7288607	.1204022

#1	.4771660	.0610976	.5838552
#2	.4831270	.0619263	.5847851
#3	.4772355	.0618119	.5852355

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1988.862	3164.041	35557.64	6229.960	3291.365
Stddev	19.774	9.554	132.74	19.737	8.042
%RSD	.9942302	.3019598	.3733063	.3168072	.2443225

#1	1972.530	3169.331	35520.97	6248.252	3295.615
#2	2010.847	3169.780	35704.87	6209.041	3296.389
#3	1983.210	3153.011	35447.10	6232.585	3282.090

Sample Name: J4567-16 Acquired: 8/22/2018 16:24:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB60 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1142389	.0012691	1.900952	.0128785	.0060174	85.87283	2.747690
Stddev	.0022995	.0039785	.010275	.0028399	.0009618	.25745	.004786
%RSD	2.012860	313.4853	.5405327	22.05112	15.98289	.2998039	.1741685

#1	.1145962	.0036132	1.897849	.0150002	.0049423	85.75791	2.747100
#2	.1163388	-.003325	1.892586	.0139830	.0063137	86.16772	2.752743
#3	.1117817	.003519	1.912422	.0096524	.0067961	85.69285	2.743226

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087521	.0133292	90.56845	.1850974	.0935973	.3447791	166.3861
Stddev	.0001440	.0001001	.18516	.0007853	.0007788	.0074575	.2149
%RSD	1.645319	.7512847	.2044367	.4242515	.8320272	2.162984	.1291352

#1	.0086335	.0132740	90.44394	.1852547	.0930769	.3532396	166.4172
#2	.0087104	.0132688	90.78123	.1842454	.0932223	.3419378	166.5838
#3	.0089123	.0134448	90.48019	.1857921	.0944926	.3391598	166.1574

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.221417	24.75328	.2481796	.0049540	1.655964	.2215890	2.857472
Stddev	.009849	.03475	.0011495	.0001364	.182943	.0021901	.041172
%RSD	.1886196	.1403795	.4631770	2.752578	11.04753	.9883584	1.440870

#1	5.229885	24.73226	.2485477	.0050718	1.445555	.2193337	2.894834
#2	5.223758	24.73420	.2468912	.0048046	1.744905	.2237075	2.813331
#3	5.210609	24.79339	.2491000	.0049855	1.777431	.2217259	2.864253

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.93190	9.013237	.0235924	.0079234	4.807264	1.750208	.0749468
Stddev	.07300	.051254	.0026039	.0003813	.048489	.011503	.0015459
%RSD	.3183124	.5686536	11.03689	4.812644	1.008660	.6572444	2.062678

#1	23.00089	9.045269	.0258323	.0081103	4.824781	1.746322	.0732565
#2	22.93933	8.954123	.0242094	.0081753	4.752451	1.741152	.0752951
#3	22.85546	9.040319	.0207354	.0074847	4.844560	1.763151	.0762889

Sample Name: J4567-16 Acquired: 8/22/2018 16:24:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB60 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5580259	.0657012	.5140203
Stddev	.0040704	.0006478	.0011037
%RSD	.7294260	.9859941	.2147133

#1	.5610753	.0663934	.5151979
#2	.5595985	.0656004	.5138534
#3	.5534038	.0651096	.5130096

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1989.404	3181.992	35801.26	6269.735	3285.670
Stddev	12.970	8.221	56.83	19.419	13.353
%RSD	.6519379	.2583647	.1587255	.3097337	.4063876

#1	1975.868	3184.307	35777.16	6290.404	3286.547
#2	2001.721	3188.807	35866.17	6266.931	3298.562
#3	1990.622	3172.861	35760.46	6251.871	3271.901

Sample Name: J4567-17 Acquired: 8/22/2018 16:28:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB61 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0938561	-.002726	2.438245	.0124835	.0104766	89.28764	2.772887
Stddev	.0063649	.005080	.014192	.0016227	.0002769	.53379	.014073
%RSD	6.781592	186.3460	.5820654	12.99854	2.643208	.5978313	.5075382

#1	.0919113	.000035	2.430479	.0142960	.0107889	88.90567	2.766736
#2	.1009665	-.008589	2.429631	.0119884	.0102611	89.89756	2.788988
#3	.0886904	.000375	2.454626	.0111660	.0103796	89.05969	2.762936

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088125	.0126214	70.89330	.1265534	.0998702	.3251870	169.0169
Stddev	.0000293	.0001133	.35940	.0003440	.0004757	.0041677	.3098
%RSD	.3329144	.8979847	.5069638	.2718243	.4763491	1.281642	.1833110

#1	.0087892	.0126005	70.68591	.1265076	.0993232	.3294503	168.8604
#2	.0088454	.0125199	71.30831	.1262346	.1001877	.3211220	169.3738
#3	.0088029	.0127437	70.68568	.1269180	.1000996	.3249886	168.8166

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.167087	28.26433	.2478321	.0051582	1.571063	.2167770	2.407921
Stddev	.018035	.08747	.0016257	.0001530	.108540	.0022729	.039451
%RSD	.3490420	.3094642	.6559786	2.966134	6.908721	1.048490	1.638388

#1	5.152894	28.30616	.2470431	.0049857	1.696370	.2193918	2.452599
#2	5.187382	28.32303	.2467515	.0052774	1.506239	.2152736	2.377885
#3	5.160986	28.16380	.2497018	.0052116	1.510581	.2156658	2.393278

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.73391	9.476509	.0028944	.0052304	3.885139	1.523155	.0936439
Stddev	.22368	.092474	.0023138	.0002403	.029706	.013800	.0005135
%RSD	.9043626	.9758245	79.93961	4.594038	.7646098	.9060175	.5483956

#1	24.57074	9.404022	.0055127	.0054733	3.870356	1.508508	.0936653
#2	24.98889	9.444849	.0011248	.0049928	3.865724	1.535913	.0941464
#3	24.64210	9.580654	.0020458	.0052252	3.919336	1.525043	.0931200

Sample Name: J4567-17 Acquired: 8/22/2018 16:28:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAB61 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5110487	.0701627	.5117819
Stddev	.0009706	.0004622	.0017614
%RSD	.1899282	.6587733	.3441673

#1	.5107816	.0697246	.5111515
#2	.5121249	.0701178	.5137718
#3	.5102396	.0706457	.5104225

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2019.046	3245.944	36214.28	6350.395	3298.260
Stddev	2.949	9.114	35.08	38.476	11.935
%RSD	.1460802	.2807853	.0968764	.6058781	.3618555

#1	2021.632	3246.377	36245.82	6388.648	3303.412
#2	2019.674	3254.835	36176.49	6311.701	3306.754
#3	2015.834	3236.622	36220.52	6350.838	3284.615

Sample Name: J4567-18 Acquired: 8/22/2018 16:32:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB62 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0969817	.0000676	4.111316	.0110551	.0068972	86.38908	2.655202
Stddev	.0026972	.0017132	.020321	.0024189	.0019881	.27977	.006291
%RSD	2.781169	2532.998	.4942672	21.87996	28.82484	.3238456	.2369456

#1	.0943951	-.000525	4.098317	.0133993	.0090254	86.43204	2.658174
#2	.0967726	-.001271	4.100898	.0111980	.0050877	86.09032	2.647975
#3	.0997773	.001998	4.134733	.0085679	.0065786	86.64489	2.659457

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102657	.0236715	88.31576	.1107372	.0951368	.3851387	174.9709
Stddev	.0000745	.0001848	.21827	.0011155	.0002343	.0026926	.5145
%RSD	.7255637	.7806334	.2471495	1.007312	.2463131	.6991343	.2940739

#1	.0102919	.0235159	88.33560	.1109683	.0952996	.3830292	174.9529
#2	.0103235	.0236228	88.08824	.1095243	.0948682	.3881715	174.4656
#3	.0101816	.0238757	88.52343	.1117190	.0952426	.3842154	175.4942

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.781030	25.73357	.2573895	.0047199	3.443130	.2165873	4.667039
Stddev	.025363	.15625	.0009905	.0003987	.475000	.0063472	.122696
%RSD	.5304874	.6071959	.3848164	8.446082	13.79559	2.930566	2.628982

#1	4.789628	25.89621	.2583726	.0051214	3.219792	.2127698	4.570989
#2	4.752486	25.58461	.2563918	.0043242	3.988636	.2239143	4.805258
#3	4.800977	25.71988	.2574043	.0047143	3.120960	.2130779	4.624869

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.43827	7.403239	.0124185	.0054790	4.780160	2.410071	.1031383
Stddev	.12563	.018071	.0012243	.0003061	.017488	.019219	.0003614
%RSD	.5860065	.2440938	9.858266	5.586082	.3658429	.7974410	.3504566

#1	21.51157	7.382509	.0119560	.0053003	4.760580	2.406104	.1035187
#2	21.29321	7.411542	.0114929	.0053042	4.785674	2.430965	.1027994
#3	21.51004	7.415667	.0138066	.0058324	4.794226	2.393146	.1030967

Sample Name: J4567-18 Acquired: 8/22/2018 16:32:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB62 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5571977	.0700632	.4967241
Stddev	.0032820	.0014842	.0012314
%RSD	.5890235	2.118304	.2478977

#1	.5597581	.0694010	.4981259
#2	.5583372	.0690253	.4958174
#3	.5534978	.0717631	.4962288

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2015.708	3227.663	35959.72	6292.908	3279.291
Stddev	19.098	4.166	55.61	18.252	8.960
%RSD	.9474430	.1290586	.1546467	.2900409	.2732219

#1	2031.088	3232.234	36010.35	6272.141	3288.026
#2	1994.332	3226.673	35968.61	6306.403	3279.724
#3	2021.706	3224.082	35900.20	6300.179	3270.122

Sample Name: J4567-06LX5 Acquired: 8/22/2018 16:57:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB52L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0215153	.0006060	.1027971	.0053407	.0027744	16.52411	.4711374
Stddev	.0032200	.0032902	.0009836	.0015035	.0017073	.06931	.0005333
%RSD	14.96611	542.9025	.9568303	28.15164	61.53882	.4194479	.1131937

#1	.0211851	.0043253	.1026953	.0045759	.0031333	16.53813	.4716659
#2	.0248878	-.001925	.1018683	.0070729	.0009161	16.58534	.4711468
#3	.0184732	-.000582	.1038276	.0043734	.0042737	16.44886	.4705994

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015927	.0010666	13.92451	.0260490	.0169843	.0511112	28.26043
Stddev	.0000258	.0000661	.02154	.0004174	.0001960	.0054553	.12453
%RSD	1.617555	6.193874	.1547219	1.602441	1.153898	10.67340	.4406546

#1	.0016003	.0011370	13.90142	.0256082	.0171389	.0468292	28.18568
#2	.0015640	.0010060	13.94407	.0264383	.0170502	.0492511	28.40419
#3	.0016139	.0010567	13.92804	.0261006	.0167639	.0572533	28.19142

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.263042	5.853749	.0396979	.0013542	.3704547	.0420674	.2112004
Stddev	.008305	.009367	.0002033	.0003565	.1611623	.0054269	.0123925
%RSD	.6575475	.1600105	.5119846	26.32423	43.50392	12.90039	5.867666

#1	1.258716	5.856691	.0394775	.0017290	.5218062	.0364246	.2228038
#2	1.272617	5.861292	.0397381	.0010194	.3885490	.0472489	.2126510
#3	1.257794	5.843265	.0398780	.0013141	.2010088	.0425287	.1981464

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.038880	1.313278	.0000959	.0002897	.4498926	.2975607	.0019511
Stddev	.019813	.008845	.0009153	.0001264	.0061523	.0031781	.0003455
%RSD	.4905618	.6734895	954.8745	43.61342	1.367507	1.068044	17.70743

#1	4.034885	1.304649	.0011483	.0003643	.4562087	.3002230	.0017140
#2	4.060387	1.312861	-.000346	.0003611	.4439183	.2940422	.0023475
#3	4.021369	1.322324	-.000515	.0001438	.4495509	.2984169	.0017918

Sample Name: J4567-06LX5 Acquired: 8/22/2018 16:57:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB52L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0901849	.0050852	.0797038
Stddev	.0023814	.0011457	.0002460
%RSD	2.640581	22.53056	.3086367

#1	.0900786	.0037862	.0795637
#2	.0926177	.0059516	.0799878
#3	.0878584	.0055179	.0795599

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1769.357	2820.348	31272.61	5438.132	3290.040
Stddev	10.752	7.198	58.35	10.413	14.422
%RSD	.6076702	.2552321	.1865915	.1914845	.4383564

#1	1763.445	2817.542	31238.22	5426.355	3291.248
#2	1762.857	2828.527	31239.63	5441.923	3303.820
#3	1781.767	2814.975	31339.99	5446.119	3275.052

Sample Name: CCV003 Acquired: 8/22/2018 17:02:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.783826	4.834187	24.47137	4.678234	4.814314	402.5349	9.858760
Stddev	.030280	.013681	.05453	.008390	.017836	.8212	.019195
%RSD	.6329633	.2830143	.2228185	.1793370	.3704764	.2040041	.1946996

#1	4.815060	4.818527	24.42077	4.668873	4.821486	402.0771	9.858161
#2	4.754601	4.840218	24.46421	4.685074	4.794009	403.4829	9.839872
#3	4.781815	4.843818	24.52912	4.680756	4.827447	402.0446	9.878248

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4930519	2.467485	398.5428	14.91993	2.485336	14.60590	408.5269
Stddev	.0019889	.005466	.8231	.02627	.005606	.03586	1.4505
%RSD	.4033828	.2215322	.2065274	.1760476	.2255471	.2455140	.3550616

#1	.4924783	2.461797	397.5924	14.94953	2.480695	14.61274	407.3826
#2	.4952646	2.467959	399.0264	14.89943	2.483750	14.56712	410.1583
#3	.4914129	2.472699	399.0095	14.91082	2.491564	14.63785	408.0398

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.54915	400.4189	2.487680	1.250207	389.4162	2.448812	14.51514
Stddev	.05663	1.4912	.008826	.003796	.4464	.013123	.15038
%RSD	.3892070	.3724214	.3547925	.3036148	.1146218	.5358857	1.036026

#1	14.49358	399.2570	2.478888	1.246480	388.9181	2.444958	14.44206
#2	14.60678	402.1005	2.487613	1.254068	389.7801	2.463431	14.41526
#3	14.54709	399.8992	2.496540	1.250074	389.5503	2.438048	14.68810

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	149.7404	5.080240	4.760106	4.840976	5.004581	4.817770	4.999538
Stddev	.5446	.014062	.029514	.013655	.017987	.034290	.012401
%RSD	.3637001	.2768005	.6200300	.2820786	.3594191	.7117476	.2480491

#1	149.2646	5.065098	4.741097	4.842851	4.983812	4.781958	4.986518
#2	150.3344	5.082735	4.794107	4.826481	5.014828	4.850304	5.000886
#3	149.6222	5.092888	4.745115	4.853598	5.015104	4.821048	5.011211

Sample Name: CCV003 Acquired: 8/22/2018 17:02:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV003 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.931315	4.989525	4.950960
Stddev	.012423	.021332	.007954
%RSD	.2519291	.4275414	.1606502

#1	4.925073	4.998423	4.952235
#2	4.923251	4.965184	4.942446
#3	4.945622	5.004969	4.958200

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1543.622	2450.598	28820.95	5152.807	2757.954
Stddev	7.174	3.883	70.80	26.512	4.480
%RSD	.4647682	.1584596	.2456585	.5145086	.1624459

#1	1543.580	2448.102	28739.54	5135.100	2762.967
#2	1550.817	2455.072	28868.16	5140.033	2756.554
#3	1536.469	2448.620	28855.14	5183.287	2754.341

Sample Name: CCB003 Acquired: 8/22/2018 17:05:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002814	.0017889	.0014832	.0016653	.0000695	.0010173
Stddev	.004411	.0024156	.0015348	.0012101	.0008442	.0009253
%RSD	156.7605	135.0288	103.4837	72.66630	1214.601	90.95125

#1	-.003794	.0045239	.0005745	.0023836	-.000690	.0008857
#2	.002005	.0008957	.0032552	.0023442	.000979	.0001649
#3	-.006653	-.000053	.0006198	.0002682	-.000080	.0020013

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002945	-.000061	-.000021	.0055743	.0001157	.0001365
Stddev	.0006967	.000068	.000063	.0040827	.0004169	.0002197
%RSD	236.5710	111.2332	293.3914	73.24050	360.3659	161.0350

#1	-.000255	.000006	.000051	.0097240	-.000327	.0001496
#2	.000060	-.000130	-.000063	.0054368	.000173	.0003493
#3	.001078	-.000060	-.000052	.0015622	.000501	-.000090

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001826	.0043887	-.000669	-.023988	.0001952	.0002197
Stddev	.005389	.0110808	.000894	.027464	.0002612	.0003733
%RSD	295.1595	252.4823	133.5654	114.4877	133.8123	169.9158

#1	-.003809	-.005894	-.000096	.005160	.0002017	.0005887
#2	.004274	.002936	-.000212	-.049381	-.000069	.0002279
#3	-.005942	.016124	-.001699	-.027745	.000453	-.000158

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1088142	.0019014	-.005921	-.015009	-.002047	F .0147641
Stddev	.1109376	.0069210	.022929	.104705	.002122	.0014663
%RSD	101.9513	363.9924	387.2485	697.6114	103.6618	9.931401

#1	-.018291	-.006017	.015855	.053455	.000393	.0164563
#2	.158569	.006795	-.029851	-.135541	-.003457	.0139643
#3	.186165	.004926	-.003767	.037059	-.003078	.0138716

Sample Name: CCB003 Acquired: 8/22/2018 17:05:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v633) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB003 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000579	-.042090	.0008640	.0009908	-.001538	-.004641
Stddev	.0000822	.001727	.0010360	.0012751	.000211	.002368
%RSD	142.1316	4.104051	119.9066	128.7022	13.70291	51.03241

#1	-.000037	-.041032	.0016412	.0019762	-.001437	-.002201
#2	.000111	-.044083	.0012631	.0014456	-.001396	-.006931
#3	.000100	-.041155	-.000312	-.000449	-.001780	-.004792

Elem	Sr4077
Units	ppm
Avg	.0000570
Stddev	.0001396
%RSD	245.0444

#1	.0002053
#2	-.000072
#3	.000037

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1745.193	2741.787	30797.49	5293.550	3290.239
Stddev	18.919	14.914	213.90	15.291	17.564
%RSD	1.084080	.5439385	.6945390	.2888600	.5338360

#1	1741.452	2750.213	30728.86	5282.925	3297.193
#2	1728.423	2750.580	30626.33	5311.075	3303.262
#3	1765.703	2724.567	31037.28	5286.650	3270.262