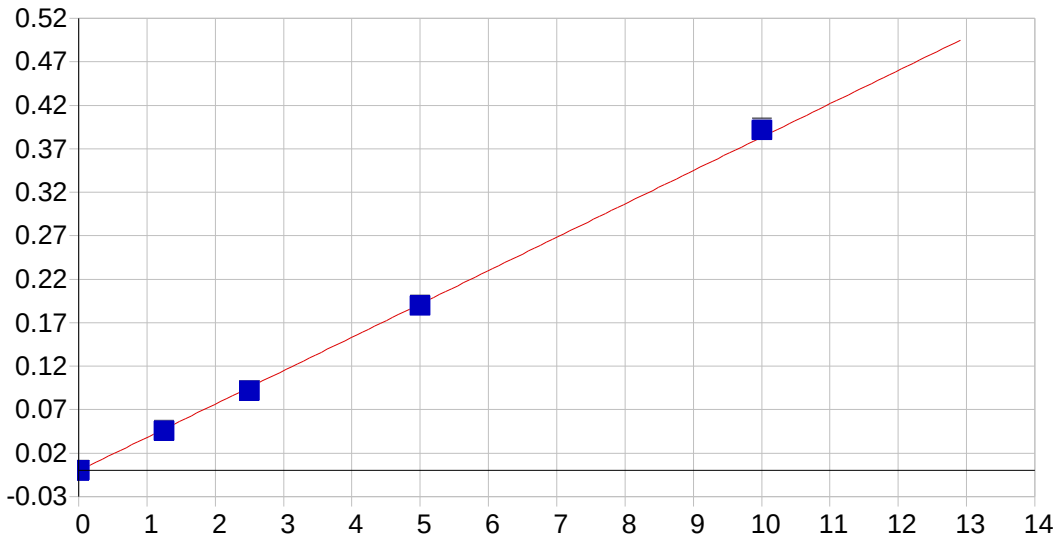
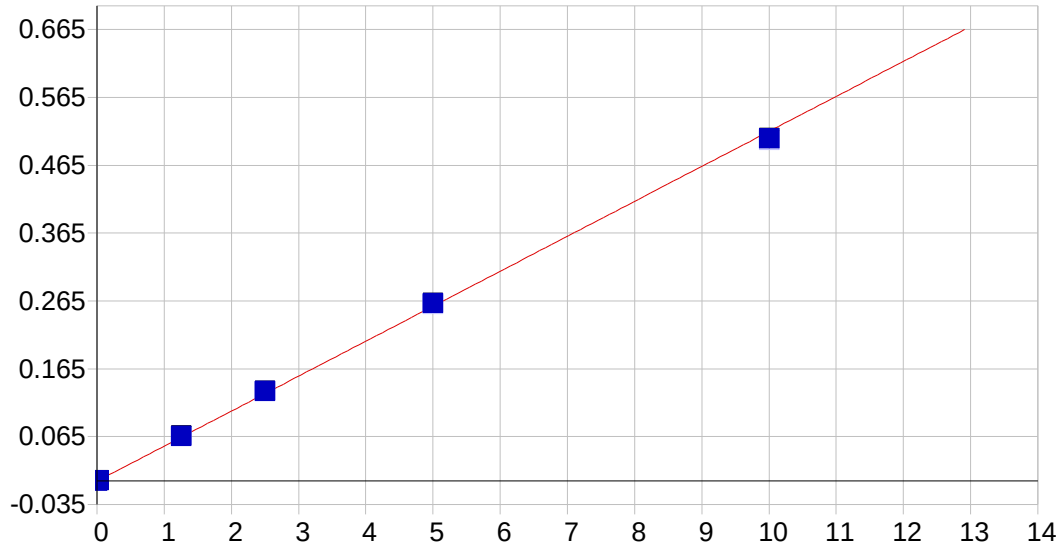


As 189.042 {479}

Date of Fit:	10/15/2018 14:35:36	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000252	Re-Slope:	1.000000
A1 (Gain):	0.038357	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999694	Status:	OK.
Std Error of Est:	0.000016		
Predicted MDL:	0.003887		
Predicted MQL:	0.012958		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00025	.000	1
S1	.01000	.00953	.000	-4.65	.00011	.000	1
S2	1.2500	1.2002	-.050	-3.99	.04597	.000	1
S3	2.5000	2.3932	-.107	-4.27	.09191	.000	1
S4	5.0000	4.9464	-.054	-1.07	.19022	.000	1
S5	10.000	10.211	.211	2.11	.39289	.001	1

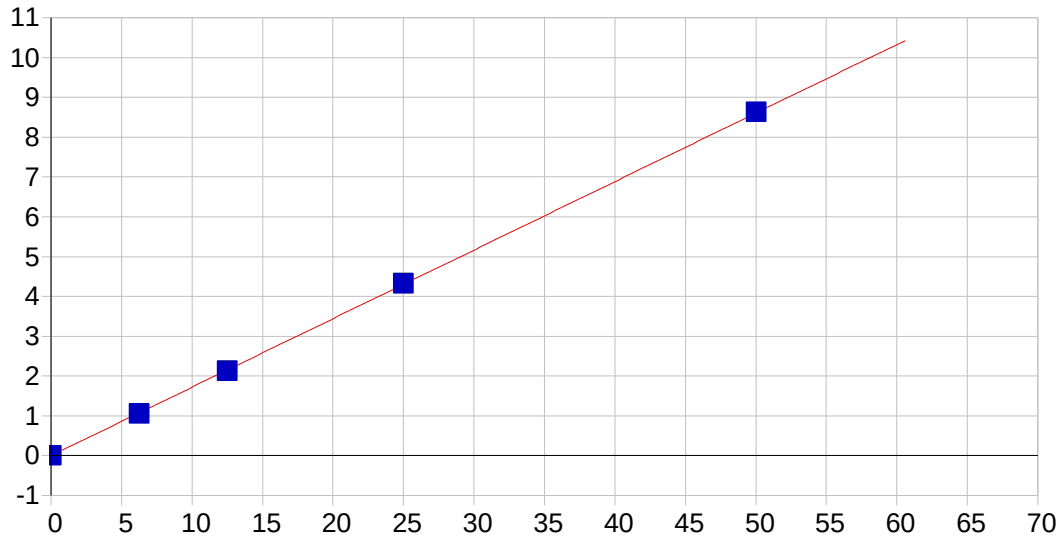


Tl 190.856 {477}

Date of Fit:	10/15/2018 14:35:36	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000520	Re-Slope:	1.000000
A1 (Gain):	0.051550	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999762	Status:	OK.
Std Error of Est:	0.000030		
Predicted MDL:	0.002474		
Predicted MQL:	0.008247		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00052	.000	1
S1	.02500	.02573	.001	2.92	.00079	.000	1
S2	1.2500	1.2893	.039	3.14	.06555	.000	1
S3	2.5000	2.5704	.070	2.82	.13120	.000	1
S4	5.0000	5.0894	.089	1.79	.26028	.000	1
S5	10.000	9.8002	-.200	-2.00	.50157	.001	1

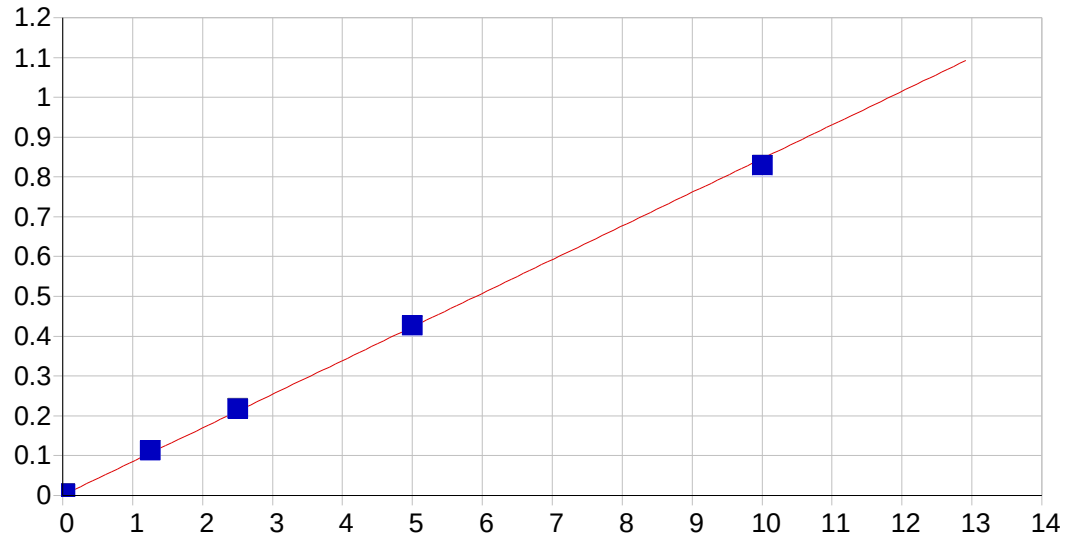


Pb 220.353 {453}

Date of Fit:	10/15/2018 14:35:36	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000258	Re-Slope:	1.000000
A1 (Gain):	0.172085	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999971	Status:	OK.
Std Error of Est:	0.000049		
Predicted MDL:	0.001744		
Predicted MQL:	0.005814		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00026	.000	1
S1	.01000	.01015	.000	1.46	.00150	.000	1
S2	6.2500	6.1379	-.112	-1.79	1.0575	.001	1
S3	12.500	12.330	-.170	-1.36	2.1245	.002	1
S4	25.000	25.122	.122	.487	4.3288	.005	1
S5	50.000	50.160	.160	.321	8.6435	.003	1

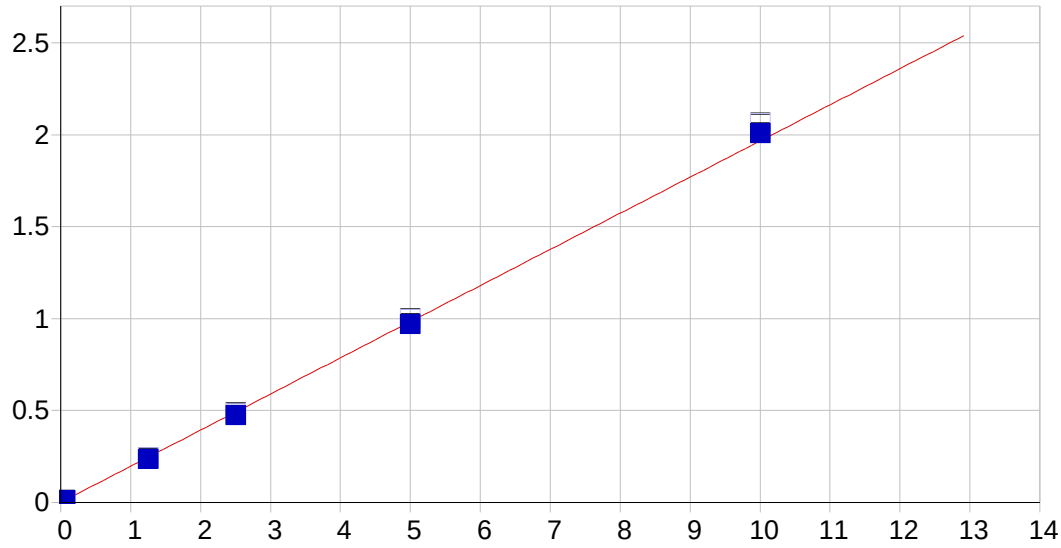


Se 196.090 {472}

Date of Fit:	10/15/2018 14:35:36	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000636	Re-Slope:	1.000000
A1 (Gain):	0.084538	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999665	Status:	OK.
Std Error of Est:	0.000068		
Predicted MDL:	0.002715		
Predicted MQL:	0.009050		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00064	.000	1
S1	.03500	.03557	.001	1.63	.00364	.000	1
S2	1.2500	1.3345	.084	6.76	.11296	.000	1
S3	2.5000	2.5750	.075	3.00	.21733	.000	1
S4	5.0000	5.0432	.043	.864	.42500	.001	1
S5	10.000	9.7968	-.203	-2.03	.82487	.001	1

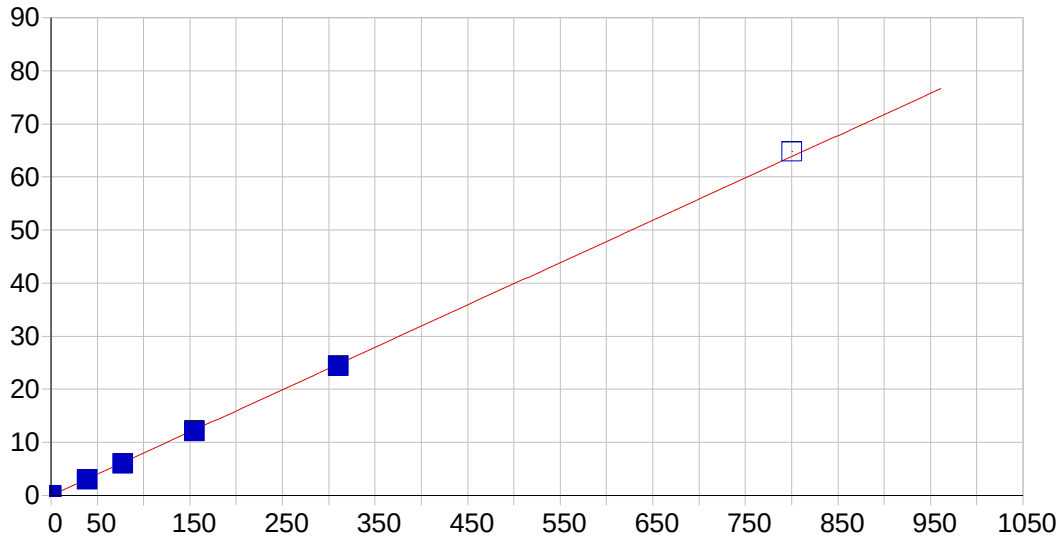


Sb 206.833 {463}

Date of Fit:	10/15/2018 14:35:36	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000557	Re-Slope:	1.000000
A1 (Gain):	0.196561	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999728	Status:	OK.
Std Error of Est:	0.000194		
Predicted MDL:	0.001485		
Predicted MQL:	0.004951		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00056	.000	1
S1	.06000	.06127	.001	2.12	.01260	.000	1
S2	1.2500	1.2010	-.049	-3.92	.24331	.000	1
S3	2.5000	2.4047	-.095	-3.81	.48662	.002	1
S4	5.0000	4.9346	-.065	-1.31	.99728	.002	1
S5	10.000	10.208	.208	2.08	2.0607	.002	1

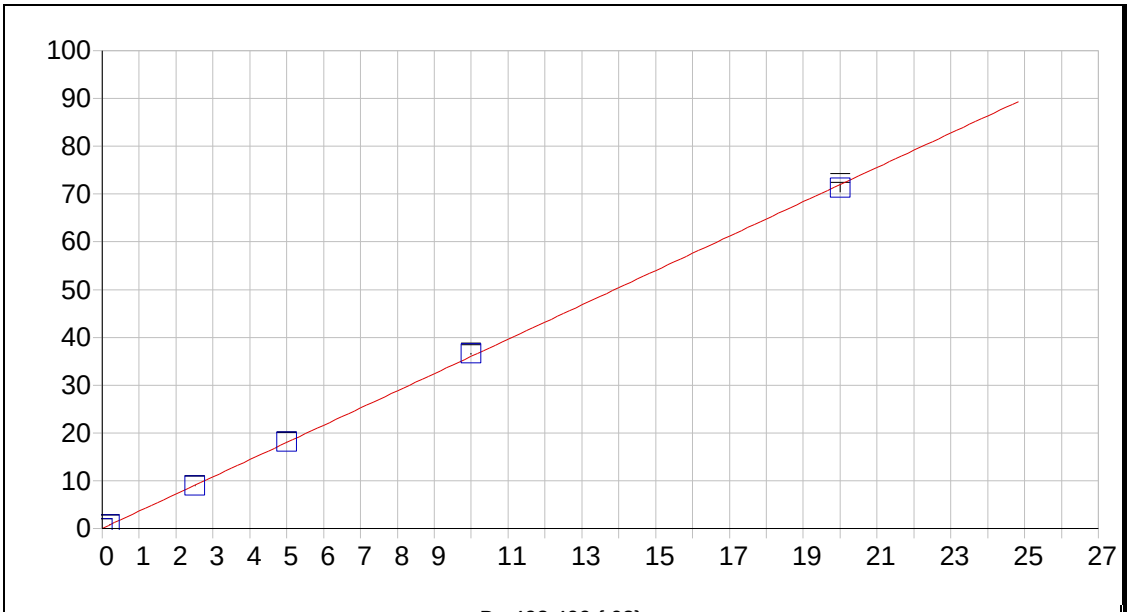


Al 396.152 { 85}

Date of Fit:	10/15/2018 14:35:36	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003160	Re-Slope:	1.000000
A1 (Gain):	0.079751	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999826	Status:	OK.
Std Error of Est:	0.000924		
Predicted MDL:	0.014256		
Predicted MQL:	0.047521		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00316	.001	1
S1	.20000	.20222	.002	1.11	.01931	.001	1
S2	38.750	37.229	-1.52	-3.93	2.9751	.020	1
S3	77.500	74.537	-2.96	-3.82	5.9534	.024	1
S4	155.00	151.83	-3.17	-2.04	12.123	.047	1
S5	310.00	305.63	-4.37	-1.41	24.401	.067	1
S6	800.00	812.03	12.0	1.50	64.764	.014	1

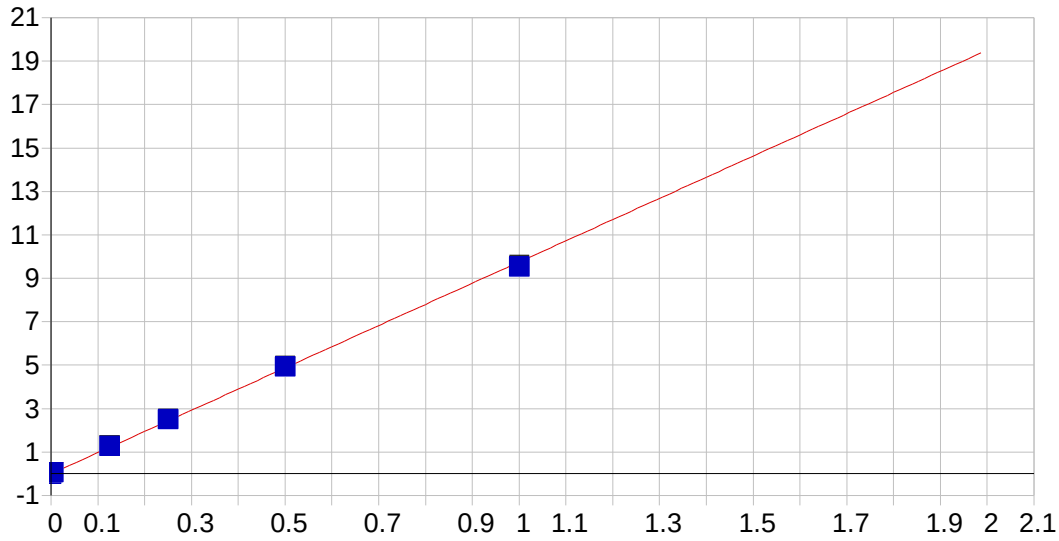


Ba 493.409 { 68}

Date of Fit:	10/15/2018 14:35:36	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.021176	Re-Slope:	1.000000
A1 (Gain):	3.597413	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999929	Status:	OK.
Std Error of Est:	0.004545		
Predicted MDL:	0.000964		
Predicted MQL:	0.003215		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.02112	.002	1
S1	.20000	.21394	.014	6.97	.79080	.005	1
S2	2.5000	2.4879	-.012	-.483	8.9713	.017	1
S3	5.0000	5.0217	.022	.434	18.086	.059	1
S4	10.000	10.159	.159	1.59	36.568	.116	1
S5	20.000	19.817	-.183	-.914	71.312	.893	1

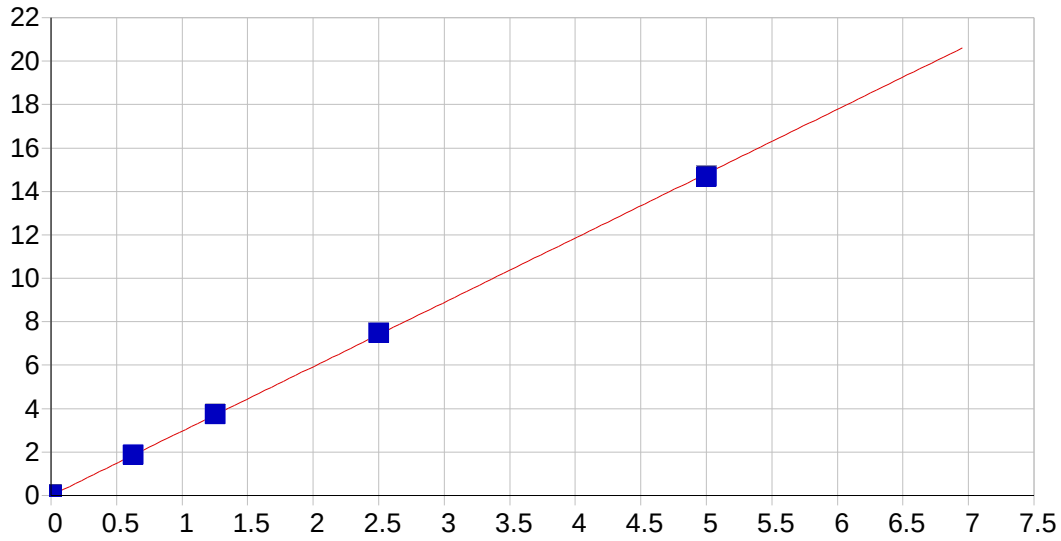


Be 234.861 {144}

Date of Fit:	10/15/2018 14:35:36	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.003467	Re-Slope:	1.000000
A1 (Gain):	9.755150	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999679	Status:	OK.
Std Error of Est:	0.000923		
Predicted MDL:	0.000062		
Predicted MQL:	0.000208		

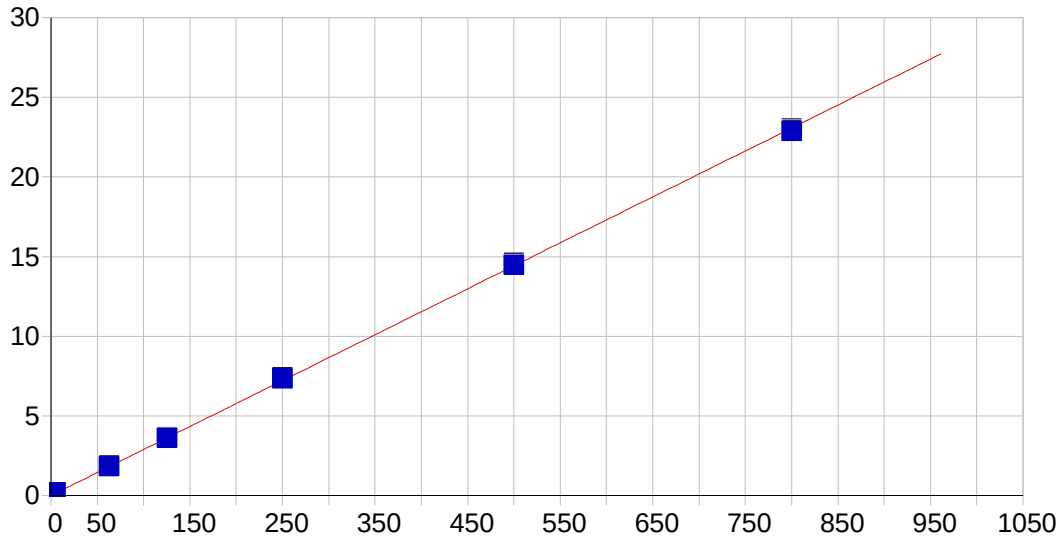
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00347	.000	1
S1	.00500	.00536	.000	7.19	.04877	.000	1
S2	.12500	.13212	.007	5.70	1.2801	.010	1
S3	.25000	.25714	.007	2.86	2.4944	.004	1
S4	.50000	.50691	.007	1.38	4.9202	.025	1
S5	1.0000	.97846	-.022	-2.15	9.4989	.067	1



Cd 214.438 {457}

Date of Fit:	10/15/2018 14:35:36	Type of Fit:	Linear	Weighting:	1/Conc	
A0 (Offset):	0.000321		Re-Slope:	1.000000		
A1 (Gain):	2.963641		Y-int:	0.000000		
A2 (Curvature):	0.000000					
n (Exponent):	1.000000					
Correlation:	0.999953		Status:	OK.		
Std Error of Est:	0.000241					
Predicted MDL:	0.000080					
Predicted MQL:	0.000266					

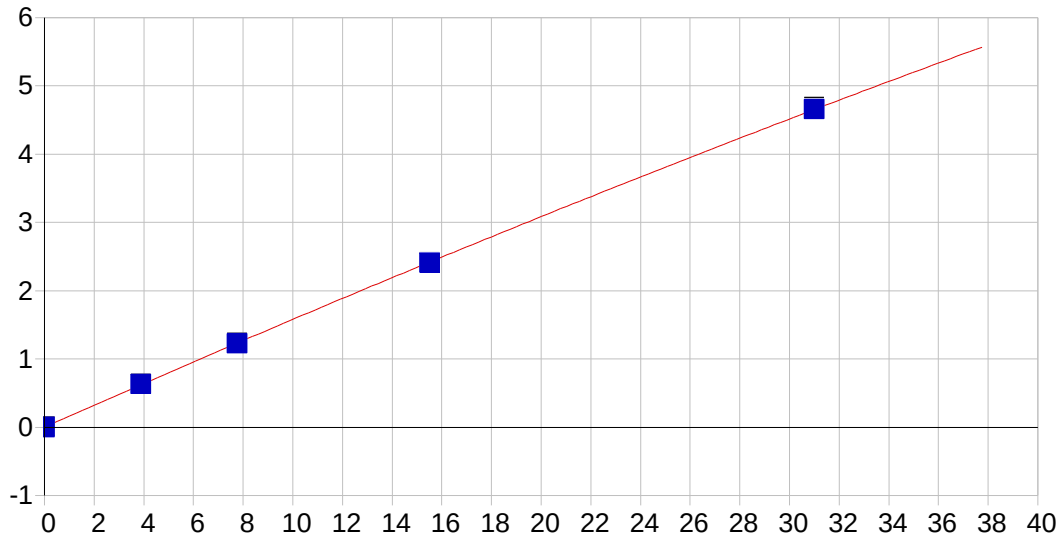
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00032	.000	1
S1	.00500	.00540	.000	7.96	.01633	.000	1
S2	.62500	.63389	.009	1.42	1.8827	.002	1
S3	1.2500	1.2599	.010	.791	3.7418	.006	1
S4	2.5000	2.5251	.025	1.00	7.4990	.004	1
S5	5.0000	4.9557	-.044	-.885	14.718	.005	1



Ca 373.690 { 90}

Date of Fit:	10/15/2018 14:35:36	Type of Fit:	Linear	Weighting:	1/Conc	
A0 (Offset):	0.001513		Re-Slope:	1.000000		
A1 (Gain):	0.028840		Y-int:	0.000000		
A2 (Curvature):	0.000000					
n (Exponent):	1.000000					
Correlation:	0.999943		Status:	OK.		
Std Error of Est:	0.001075					
Predicted MDL:	0.028073					
Predicted MQL:	0.093578					

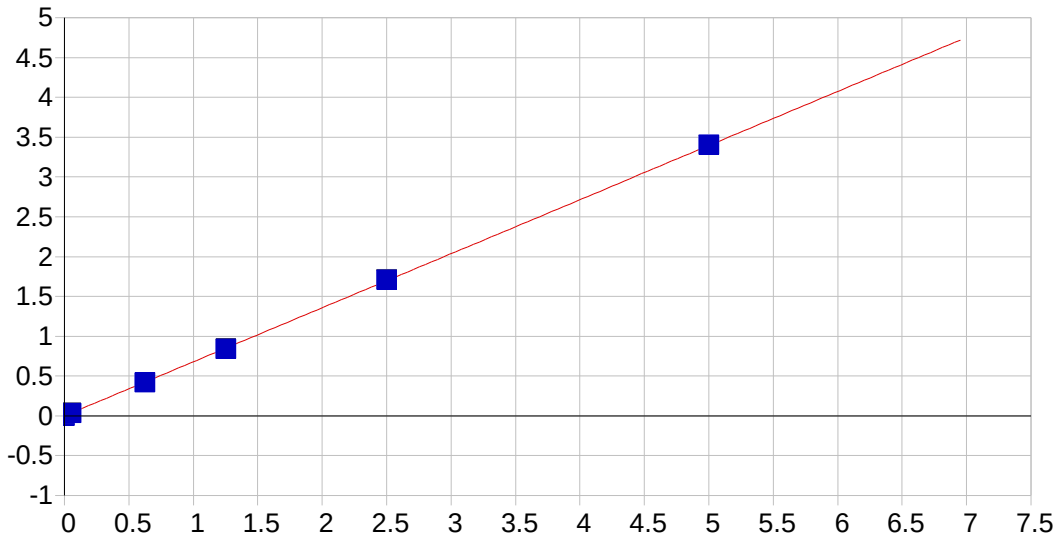
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00066	-.001	.000	.00149	.001	1
S1	5.0000	5.5042	.504	10.1	.16027	.002	1
S2	62.500	63.587	1.09	1.74	1.8418	.029	1
S3	125.00	125.52	.524	.419	3.6345	.027	1
S4	250.00	253.91	3.91	1.56	7.3499	.055	1
S5	500.00	501.11	1.11	.221	14.505	.092	1
S6	800.00	792.89	-7.11	-.889	23.005	.040	1



Cr 267.716 {126}

Date of Fit:	10/15/2018 14:35:36	Type of Fit:	Curvilinear	Weighting:	1/Conc	
A0 (Offset):	0.000028		Re-Slope:	1.000000		
A1 (Gain):	0.161906		Y-int:	0.000000		
A2 (Curvature):	-0.000380					
n (Exponent):	1.000000					
Correlation:	0.999994		Status:	OK.		
Std Error of Est:	0.000019					
Predicted MDL:	0.000510					
Predicted MQL:	0.001699					

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.01000	.01120	.001	12.0	.00185	.000	1
S2	3.8750	3.9125	.038	.969	.62878	.001	1
S3	7.7500	7.7342	-.016	-.203	1.2317	.002	1
S4	15.500	15.452	-.048	-.307	2.4155	.003	1
S5	31.000	31.025	.025	.080	4.6661	.023	1

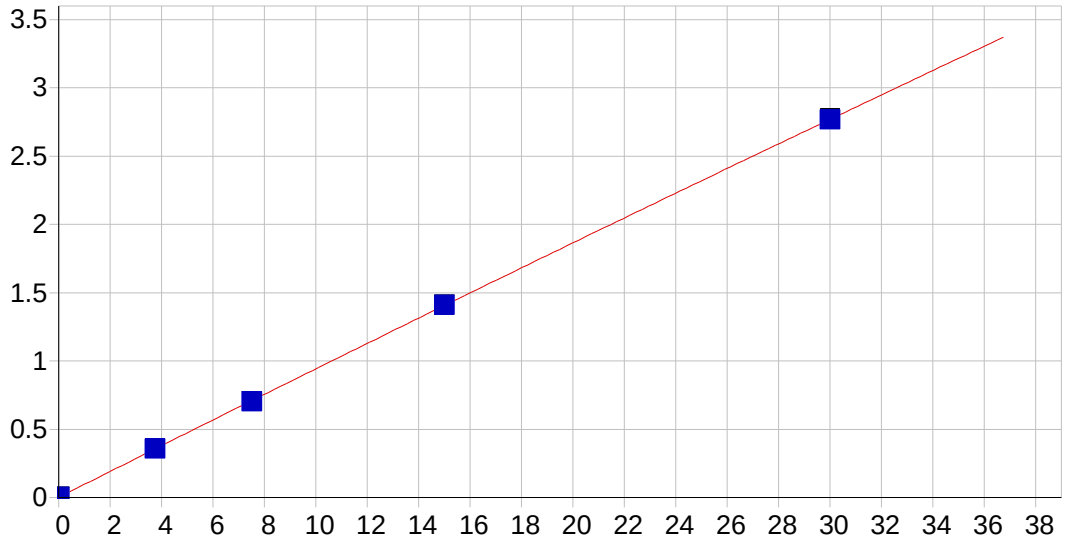


Co 228.616 {448}

Date of Fit:	10/15/2018 14:35:36	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000101	Re-Slope:	1.000000
A1 (Gain):	0.678841	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999979	Status:	OK.
Std Error of Est:	0.000116		
Predicted MDL:	0.000296		
Predicted MQL:	0.000987		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00010	.000	1
S1	.05000	.05020	.000	.392	.03430	.000	1
S2	.62500	.61452	-.010	-1.68	.41810	.001	1
S3	1.2500	1.2381	-.012	-.955	.84222	.001	1
S4	2.5000	2.5149	.015	.595	1.7107	.001	1
S5	5.0000	5.0074	.007	.147	3.4060	.003	1

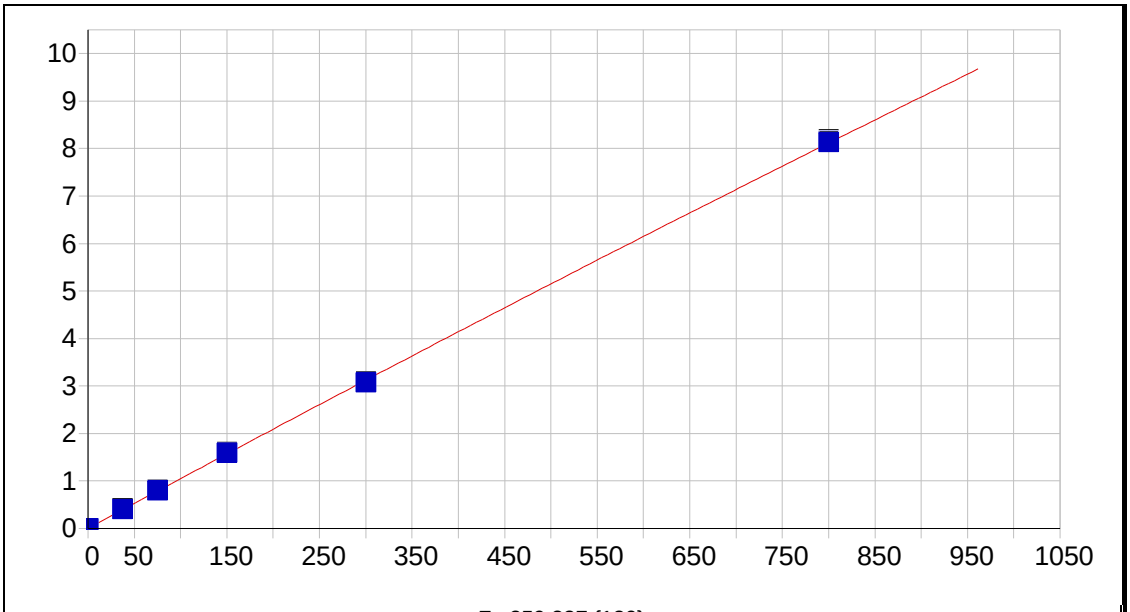


Cu 324.754 {104}

Date of Fit:	10/15/2018 14:35:36	Type of Fit:	Curvilinear	Weighting:	1/Conc

A0 (Offset):	0.001317	Re-Slope:	1.000000
A1 (Gain):	0.094961	Y-int:	0.000000
A2 (Curvature):	-0.000089		
n (Exponent):	1.000000		
Correlation:	0.999992	Status:	OK.
Std Error of Est:	0.000019		
Predicted MDL:	0.005339		
Predicted MQL:	0.017795		

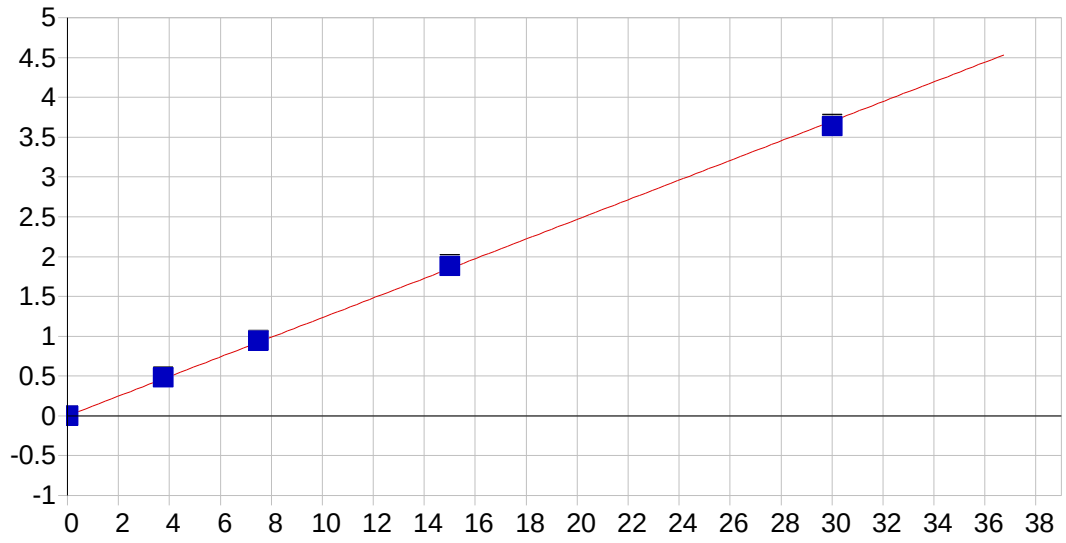
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00132	.000	1
S1	.02500	.02819	.003	12.8	.00399	.001	1
S2	3.7500	3.7559	.006	.156	.35650	.001	1
S3	7.5000	7.4568	-.043	-.576	.70402	.000	1
S4	15.000	15.049	.049	.325	1.4093	.003	1
S5	30.000	29.985	-.015	-.049	2.7668	.006	1



Fe 259.837 {130}

Date of Fit:	10/15/2018 14:35:36	Type of Fit:	Curvilinear	Weighting:	1/Conc	
A0 (Offset):	0.000190		Re-Slope:	1.000000		
A1 (Gain):	0.010560		Y-int:	0.000000		
A2 (Curvature):	-0.000001					
n (Exponent):	1.000000					
Correlation:	0.999939		Status:	OK.		
Std Error of Est:	0.000056					
Predicted MDL:	0.024526					
Predicted MQL:	0.081753					

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00019	.000	1
S1	.10000	.12232	.022	22.3	.00150	.000	1
S2	37.500	38.638	1.14	3.03	.40955	.005	1
S3	75.000	75.944	.944	1.26	.80340	.004	1
S4	150.00	151.60	1.60	1.07	1.5977	.013	1
S5	300.00	294.67	-5.33	-1.78	3.0839	.016	1
S6	800.00	801.63	1.63	.204	8.1716	.024	1

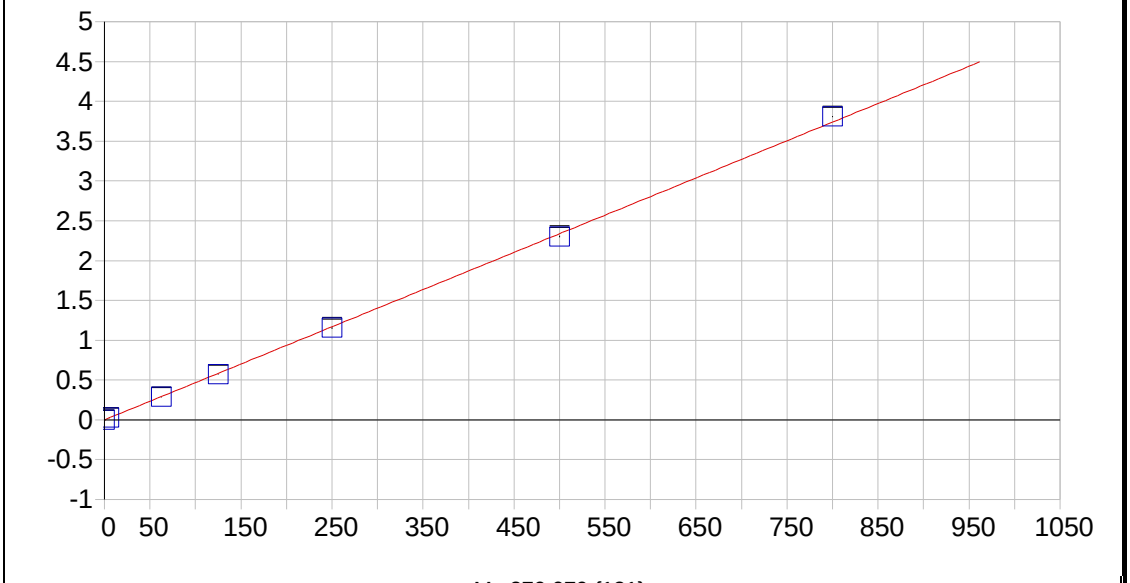


Mn 257.610 {131}

Date of Fit:	10/15/2018 14:35:36	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000121	Re-Slope:	1.000000
A1 (Gain):	0.123330	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999807	Status:	OK.
Std Error of Est:	0.000086		
Predicted MDL:	0.001812		
Predicted MQL:	0.006039		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00012	.000	1
S1	.01500	.01730	.002	15.3	.00226	.000	1
S2	3.7500	3.8999	.150	4.00	.48120	.009	1
S3	7.5000	7.6323	.132	1.76	.94162	.008	1
S4	15.000	15.240	.240	1.60	1.8801	.019	1
S5	30.000	29.476	-.524	-1.75	3.6362	.024	1

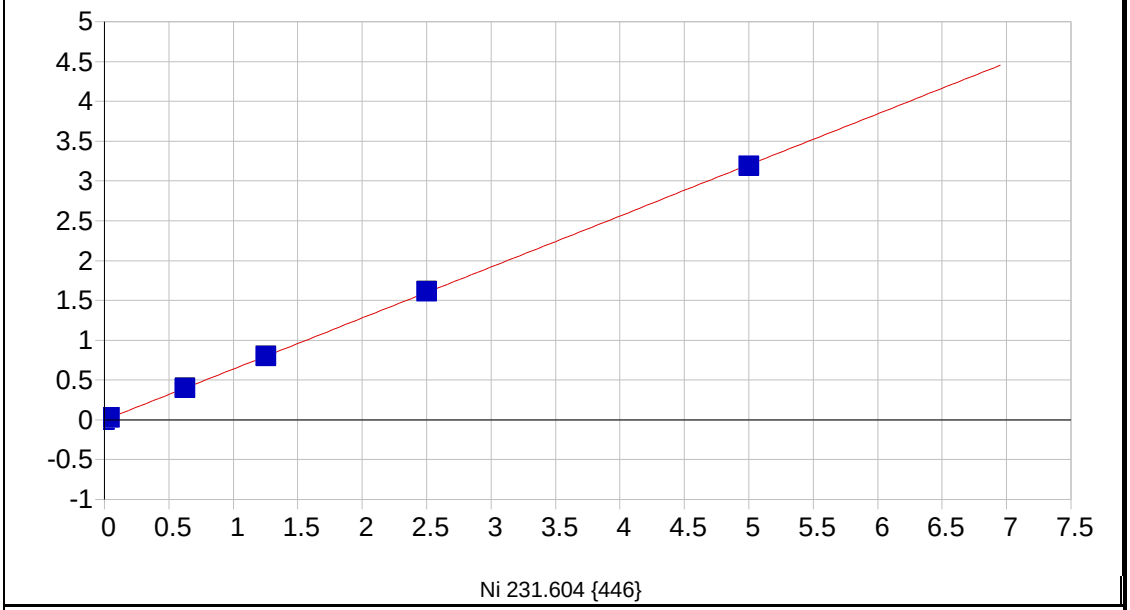


Mg 279.079 {121}

Date of Fit:	10/15/2018 14:35:36	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000104	Re-Slope:	1.000000
A1 (Gain):	0.004674	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999842	Status:	OK.
Std Error of Est:	0.000290		
Predicted MDL:	0.067394		
Predicted MQL:	0.224646		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00021	.000	.000	-.00010	.000	1
S1	5.0000	5.0858	.086	1.72	.02367	.000	1
S2	62.500	61.013	-1.49	-2.38	.28505	.004	1
S3	125.00	121.50	-3.50	-2.80	.56772	.003	1
S4	250.00	247.22	-2.78	-1.11	1.1553	.010	1
S5	500.00	492.73	-7.27	-1.45	2.3028	.011	1
S6	800.00	814.95	15.0	1.87	3.8087	.010	1

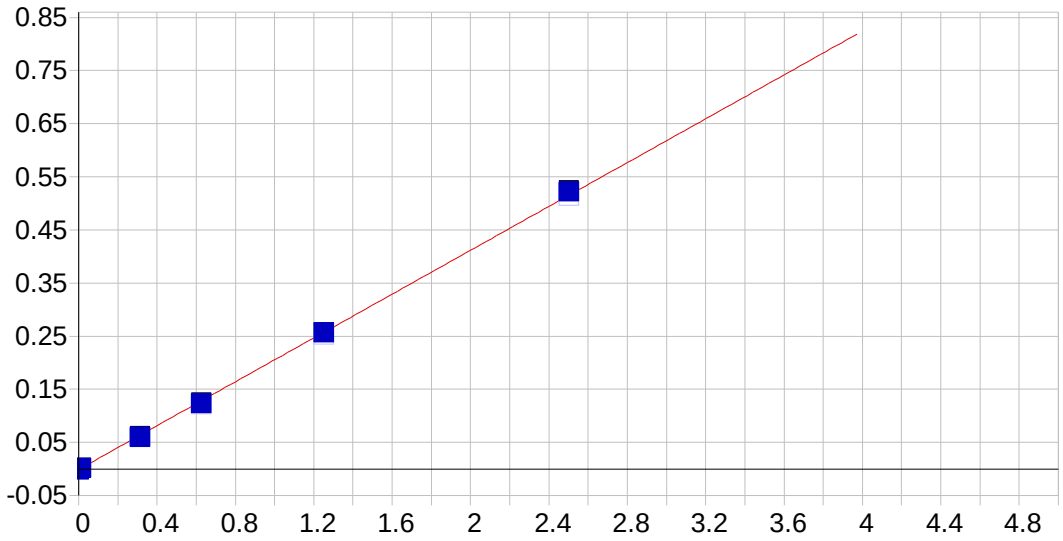


Ni 231.604 {446}

Date of Fit:	10/15/2018 14:35:36	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001887	Re-Slope:	1.000000
A1 (Gain):	0.640688	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999979	Status:	OK.
Std Error of Est:	0.000100		
Predicted MDL:	0.000410		
Predicted MQL:	0.001367		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00189	.000	1
S1	.04000	.04272	.003	6.79	.02549	.000	1
S2	.62500	.62545	.000	.071	.39965	.001	1
S3	1.2500	1.2521	.002	.171	.80199	.000	1
S4	2.5000	2.5170	.017	.681	1.6140	.002	1
S5	5.0000	4.9777	-.022	-.447	3.1938	.001	1

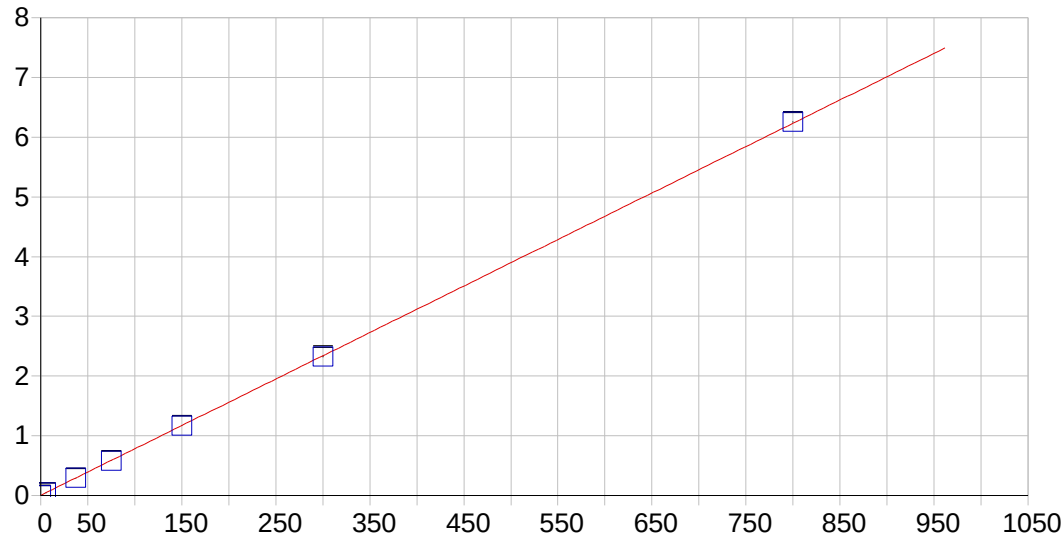


Ag 328.068 {103}

Date of Fit:	10/15/2018 14:35:36	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001007	Re-Slope:	1.000000
A1 (Gain):	0.206359	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999822	Status:	OK.
Std Error of Est:	0.000032		
Predicted MDL:	0.000560		
Predicted MQL:	0.001866		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00101	.000	1
S1	.01000	.01044	.000	4.45	.00113	.000	1
S2	.31250	.29995	-.013	-4.02	.05991	.000	1
S3	.62500	.60508	-.020	-3.19	.12189	.001	1
S4	1.2500	1.2481	-.002	-.149	.25263	.001	1
S5	2.5000	2.5339	.034	1.36	.51403	.003	1

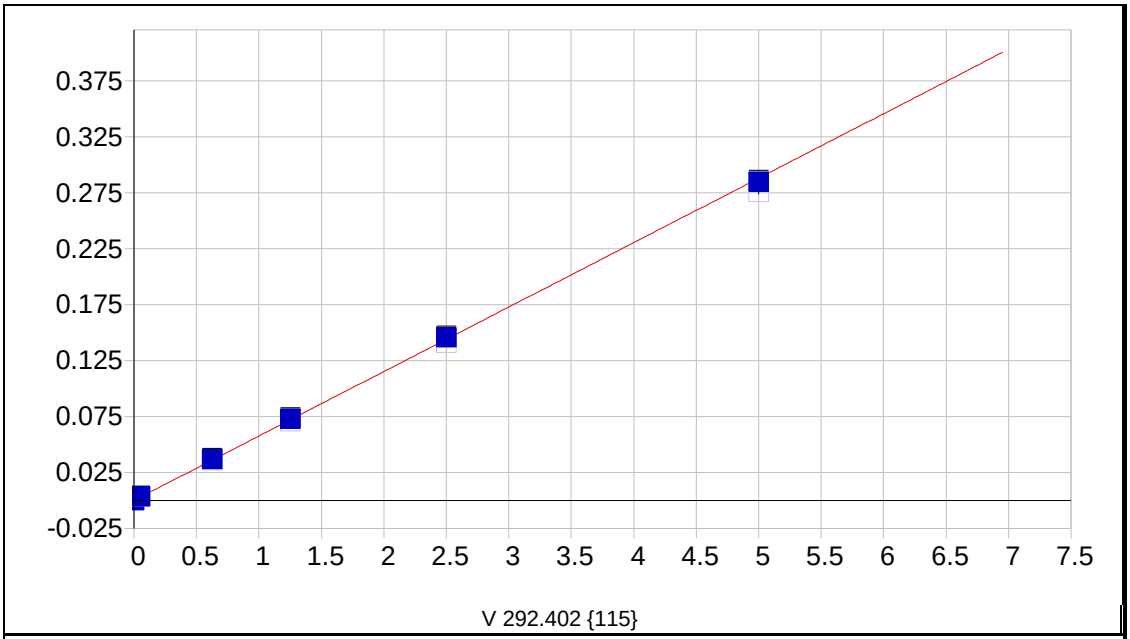


Na 818.326 { 41}

Date of Fit:	10/15/2018 14:35:36	Type of Fit:	Linear	Weighting:	1/Conc

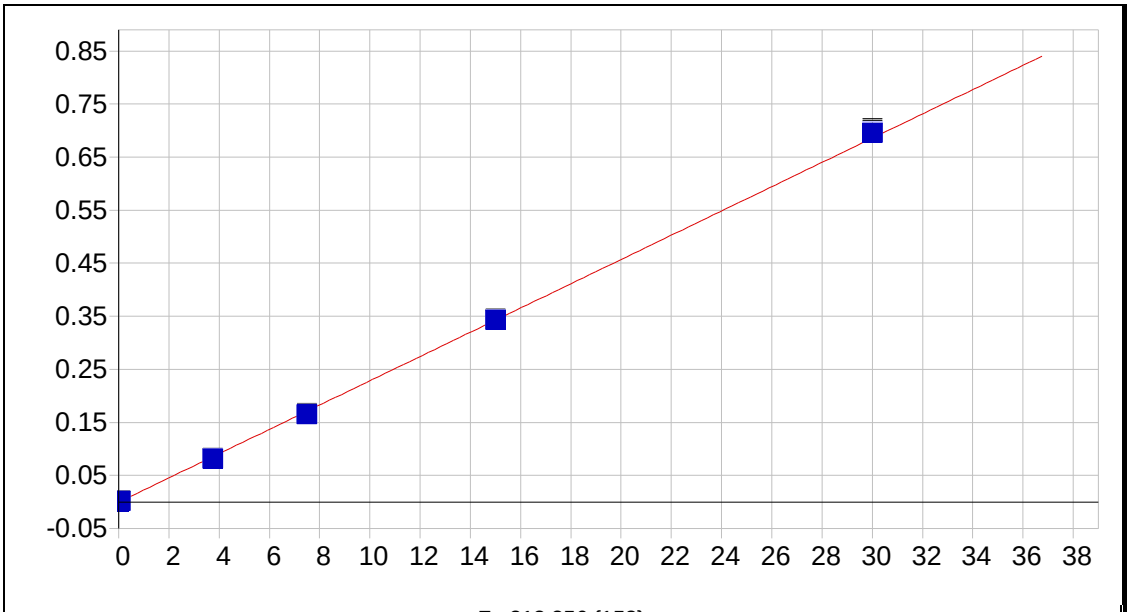
A0 (Offset):	0.002909	Re-Slope:	1.000000
A1 (Gain):	0.007787	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999980	Status:	OK.
Std Error of Est:	0.000152		
Predicted MDL:	0.313797		
Predicted MQL:	1.045988		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00014	.000	.000	.00291	.002	1
S1	5.0000	5.2899	.290	5.80	.04410	.002	1
S2	37.500	36.853	-.647	-1.73	.28990	.005	1
S3	75.000	74.231	-.769	-1.03	.58098	.003	1
S4	150.00	149.92	-.080	-.054	1.1704	.006	1
S5	300.00	298.41	-1.59	-.530	2.3268	.013	1
S6	800.00	802.80	2.80	.350	6.2547	.011	1



Date of Fit:	10/15/2018 14:35:36		Type of Fit:	Linear	Weighting:	1/Conc	
A0 (Offset):		0.000062		Re-Slope:	1.000000		
A1 (Gain):		0.057566		Y-int:	0.000000		
A2 (Curvature):		0.000000					
n (Exponent):		1.000000					
Correlation:		0.999875		Status:	OK.		
Std Error of Est:		0.000023					
Predicted MDL:		0.006733					
Predicted MQL:		0.022444					

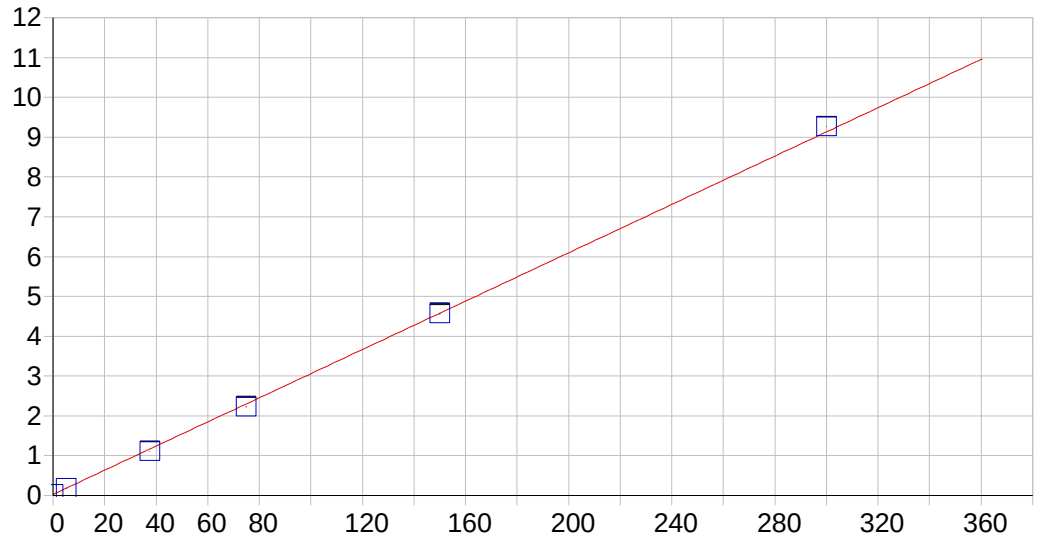
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00006	.000	1
S1	.05000	.05688	.007	13.8	.00333	.001	1
S2	.62500	.63674	.012	1.88	.03553	.001	1
S3	1.2500	1.2647	.015	1.18	.07049	.001	1
S4	2.5000	2.5233	.023	.933	.14057	.001	1
S5	5.0000	4.9431	-.057	-1.14	.27513	.002	1



Zn 213.856 {158}

Date of Fit:	10/15/2018 14:35:36	Type of Fit:	Linear	Weighting:	1/Conc	
A0 (Offset):	-0.000360		Re-Slope:	1.000000		
A1 (Gain):	0.022872		Y-int:	0.000000		
A2 (Curvature):	0.000000					
n (Exponent):	1.000000					
Correlation:	0.999802		Status:	OK.		
Std Error of Est:	0.000033					
Predicted MDL:	0.015004					
Predicted MQL:	0.050013					

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00036	.000	1
S1	.06000	.06775	.008	12.9	.00119	.000	1
S2	3.7500	3.5937	-.156	-4.17	.08224	.000	1
S3	7.5000	7.2342	-.266	-3.54	.16591	.001	1
S4	15.000	15.004	.004	.029	.34444	.001	1
S5	30.000	30.410	.410	1.37	.69842	.005	1

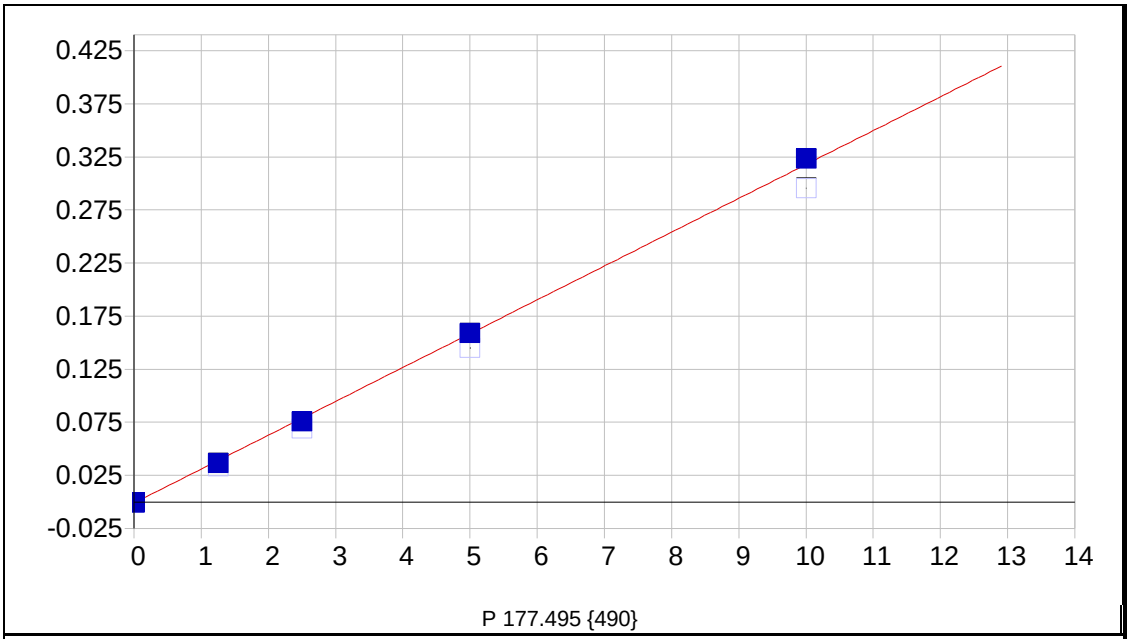


K 769.896 { 44}

Date of Fit:	10/15/2018 14:35:36	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.025977	Re-Slope:	1.000000
A1 (Gain):	0.030352	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999802	Status:	OK.
Std Error of Est:	0.001244		
Predicted MDL:	0.072229		
Predicted MQL:	0.240763		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00039	.000	.000	.02599	.000	1
S1	5.0000	4.9369	-.063	-1.26	.17582	.002	1
S2	37.500	35.732	-1.77	-4.71	1.1105	.008	1
S3	75.000	72.644	-2.36	-3.14	2.2309	.011	1
S4	150.00	149.75	-.251	-.168	4.5711	.023	1
S5	300.00	304.44	4.44	1.48	9.2663	.010	1

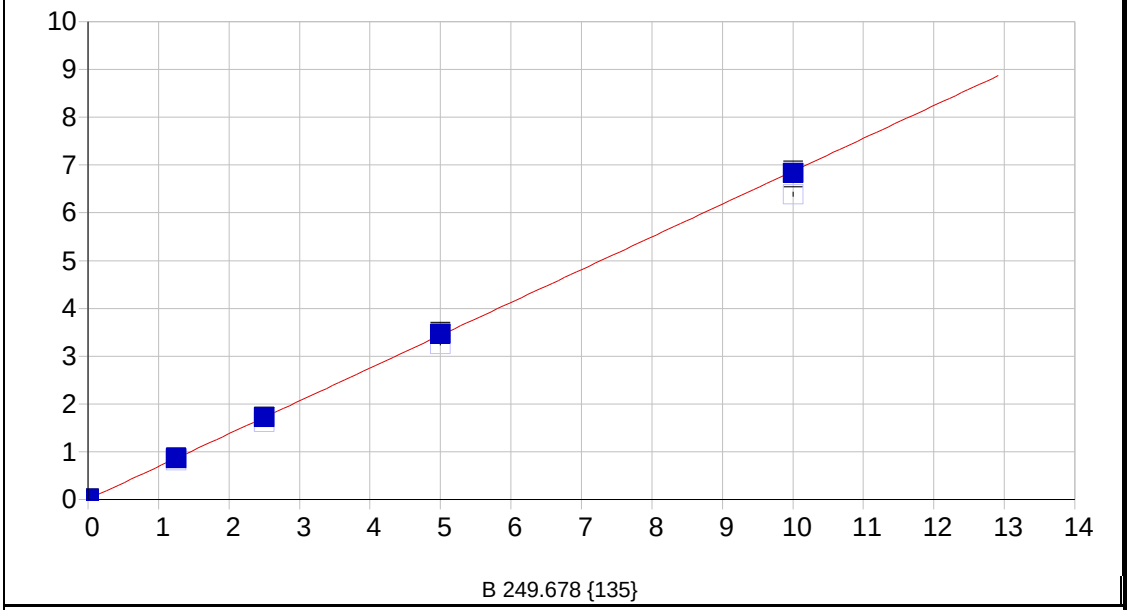


P 177.495 {490}

Date of Fit:	10/15/2018 14:35:36	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000890	Re-Slope:	1.000000
A1 (Gain):	0.031873	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999617	Status:	OK.
Std Error of Est:	0.000014		
Predicted MDL:	0.003016		
Predicted MQL:	0.010054		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00089	.000	1
S1	.01000	.00622	-.004	-37.8	-.00071	.000	1
S2	1.2500	1.1768	-.073	-5.85	.03318	.000	1
S3	2.5000	2.4049	-.095	-3.80	.06889	.000	1
S4	5.0000	5.0086	.009	.173	.14501	.000	1
S5	10.000	10.163	.163	1.63	.29556	.000	1

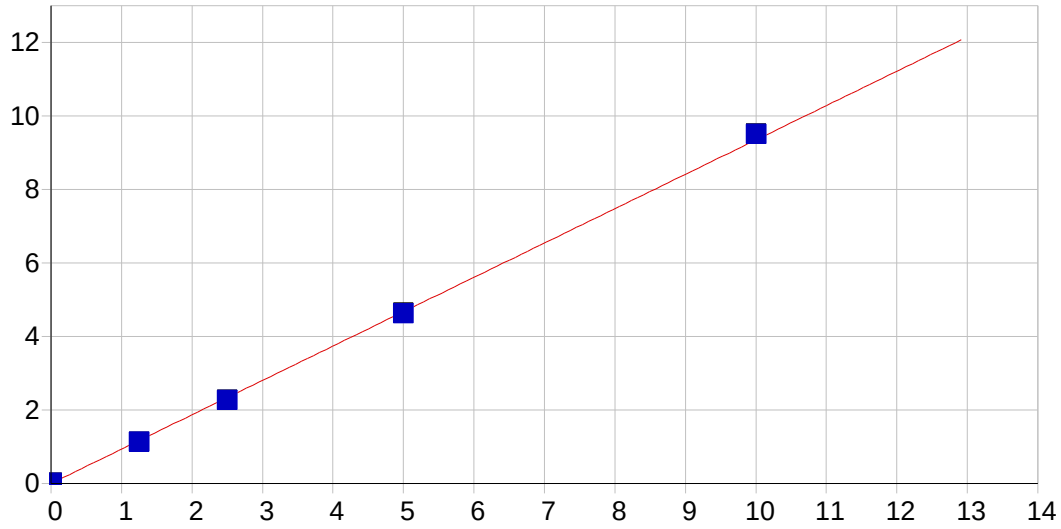


B 249.678 {135}

Date of Fit:	10/15/2018 14:35:36	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003942	Re-Slope:	1.000000
A1 (Gain):	0.686625	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999970	Status:	OK.
Std Error of Est:	0.000083		
Predicted MDL:	0.001027		
Predicted MQL:	0.003422		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00394	.001	1
S1	.01000	.00945	-.001	-5.50	.01033	.000	1
S2	1.2500	1.2562	.006	.499	.81140	.007	1
S3	2.5000	2.5041	.004	.166	1.6131	.004	1
S4	5.0000	5.0514	.051	1.03	3.2519	.024	1
S5	10.000	9.9388	-.061	-.612	6.3873	.050	1

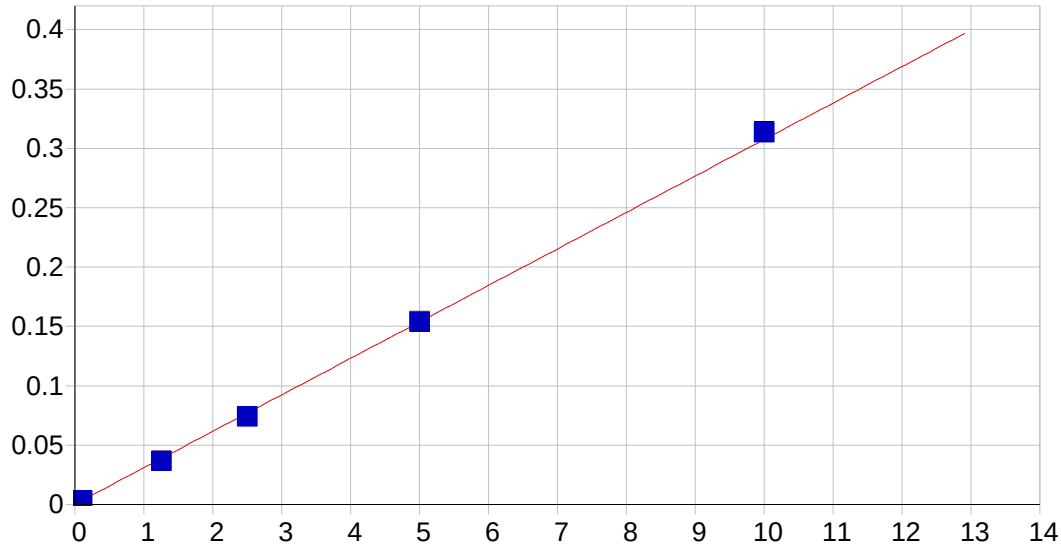


Mo 202.030 {467}

Date of Fit:	10/15/2018 14:35:36	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000614	Re-Slope:	1.000000
A1 (Gain):	0.934619	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999802	Status:	OK.
Std Error of Est:	0.000312		
Predicted MDL:	0.000274		
Predicted MQL:	0.000912		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00061	.000	1
S1	.01000	.01009	.000	.876	.01004	.000	1
S2	1.2500	1.2058	-.044	-3.53	1.1276	.001	1
S3	2.5000	2.4206	-.079	-3.18	2.2628	.001	1
S4	5.0000	4.9528	-.047	-.944	4.6294	.007	1
S5	10.000	10.171	.171	1.71	9.5059	.016	1

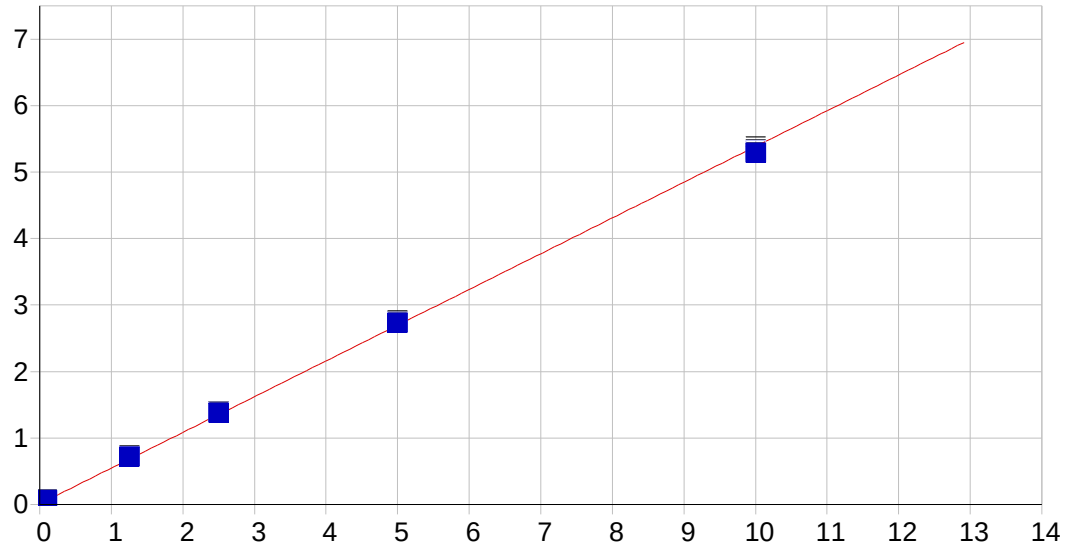


S 182.034 {485}

Date of Fit:	10/15/2018 14:35:36	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000226	Re-Slope:	1.000000
A1 (Gain):	0.030718	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999675	Status:	OK.
Std Error of Est:	0.000042		
Predicted MDL:	0.004032		
Predicted MQL:	0.013438		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00023	.000	1
S1	.10000	.09312	-.007	-6.88	.00309	.000	1
S2	1.2500	1.1748	-.075	-6.02	.03633	.000	1
S3	2.5000	2.4021	-.098	-3.92	.07404	.000	1
S4	5.0000	4.9947	-.005	-.107	.15371	.001	1
S5	10.000	10.185	.185	1.85	.31321	.001	1

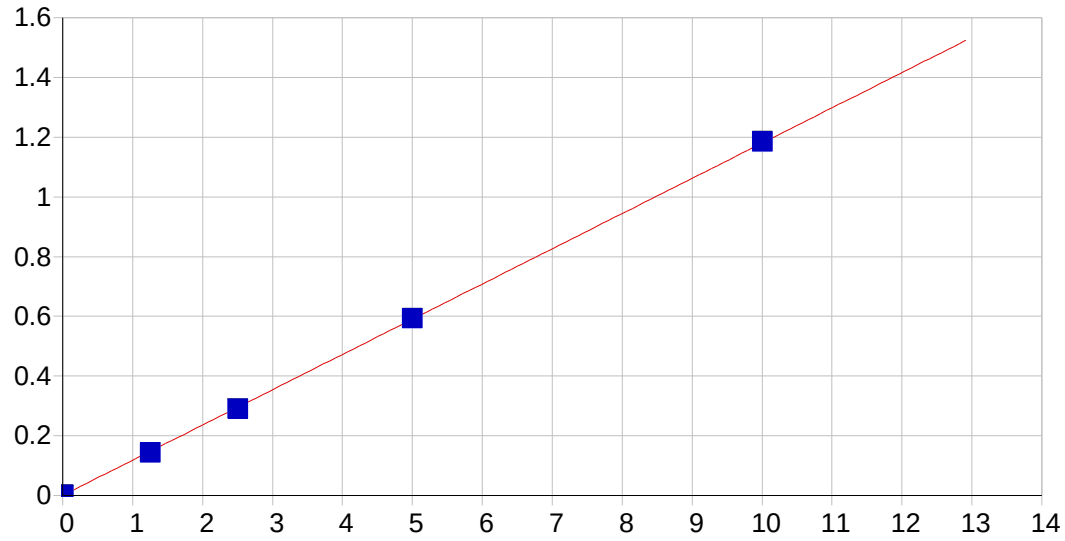


Si 251.611 {134}

Date of Fit:	10/15/2018 14:35:36	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.008881	Re-Slope:	1.000000
A1 (Gain):	0.537575	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999778	Status:	OK.
Std Error of Est:	0.000607		
Predicted MDL:	0.001185		
Predicted MQL:	0.003951		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00888	.001	1
S1	.10000	.10098	.001	.984	.06335	.000	1
S2	1.2500	1.3173	.067	5.38	.72251	.008	1
S3	2.5000	2.5528	.053	2.11	1.3922	.000	1
S4	5.0000	5.0561	.056	1.12	2.7490	.017	1
S5	10.000	9.8228	-.177	-1.77	5.3334	.046	1

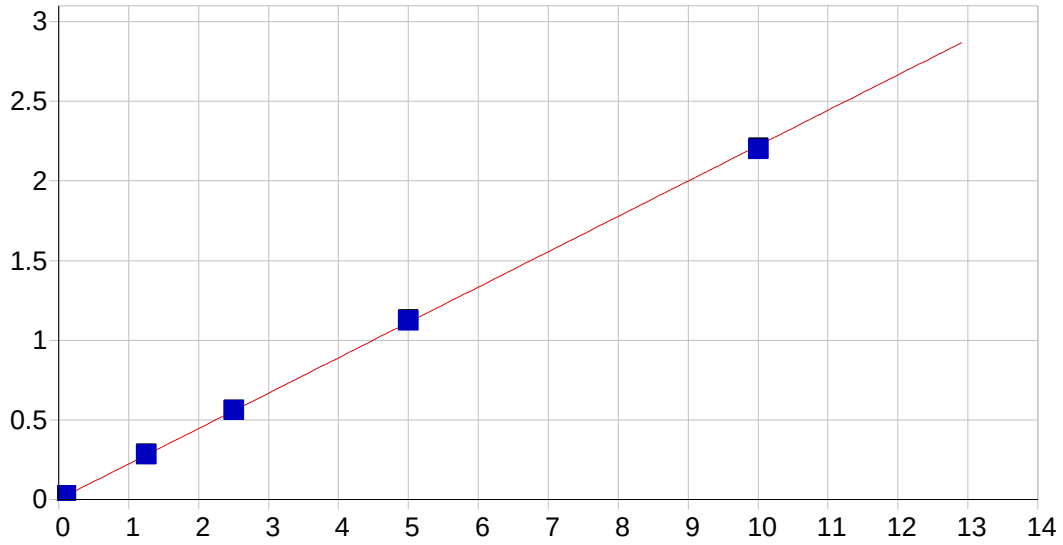


Sn 189.989 {478}

Date of Fit:	10/15/2018 14:35:36	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000317	Re-Slope:	1.000000
A1 (Gain):	0.117996	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999947	Status:	OK.
Std Error of Est:	0.000017		
Predicted MDL:	0.001037		
Predicted MQL:	0.003458		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00032	.000	1
S1	.00700	.00636	-.001	-9.15	.00104	.000	1
S2	1.2500	1.2146	-.035	-2.83	.14331	.000	1
S3	2.5000	2.4631	-.037	-1.48	.29030	.000	1
S4	5.0000	5.0291	.029	.582	.59243	.000	1
S5	10.000	10.044	.044	.439	1.1828	.001	1

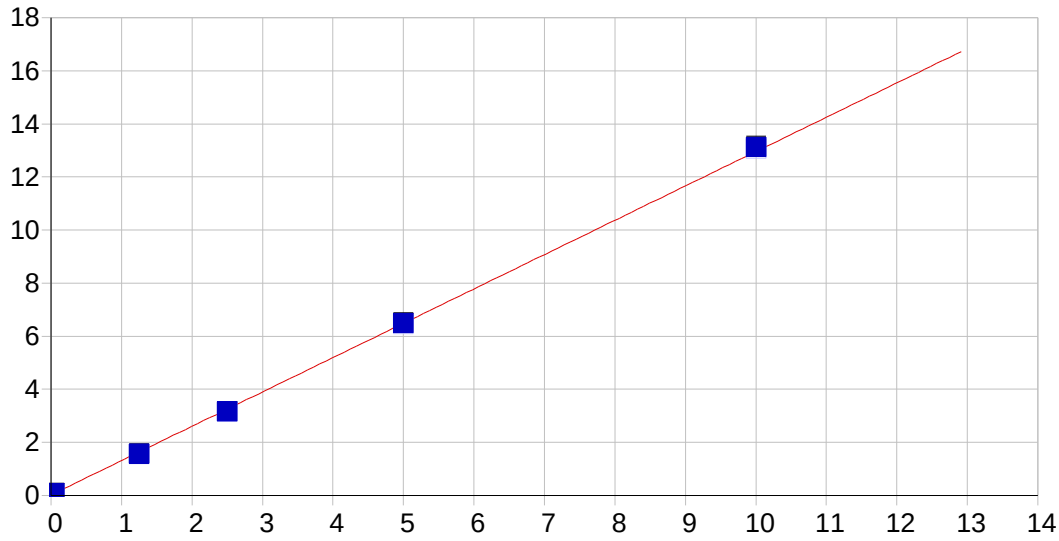


Ti 336.121 {100}

Date of Fit:	10/15/2018 14:35:36	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001303	Re-Slope:	1.000000
A1 (Gain):	0.222063	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999927	Status:	OK.
Std Error of Est:	0.000143		
Predicted MDL:	0.002567		
Predicted MQL:	0.008555		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00130	.000	1
S1	.10000	.10866	.009	8.66	.02543	.000	1
S2	1.2500	1.2712	.021	1.70	.28349	.003	1
S3	2.5000	2.5190	.019	.760	.56047	.002	1
S4	5.0000	5.0505	.051	1.01	1.1224	.005	1
S5	10.000	9.9006	-.099	-.994	2.1990	.007	1

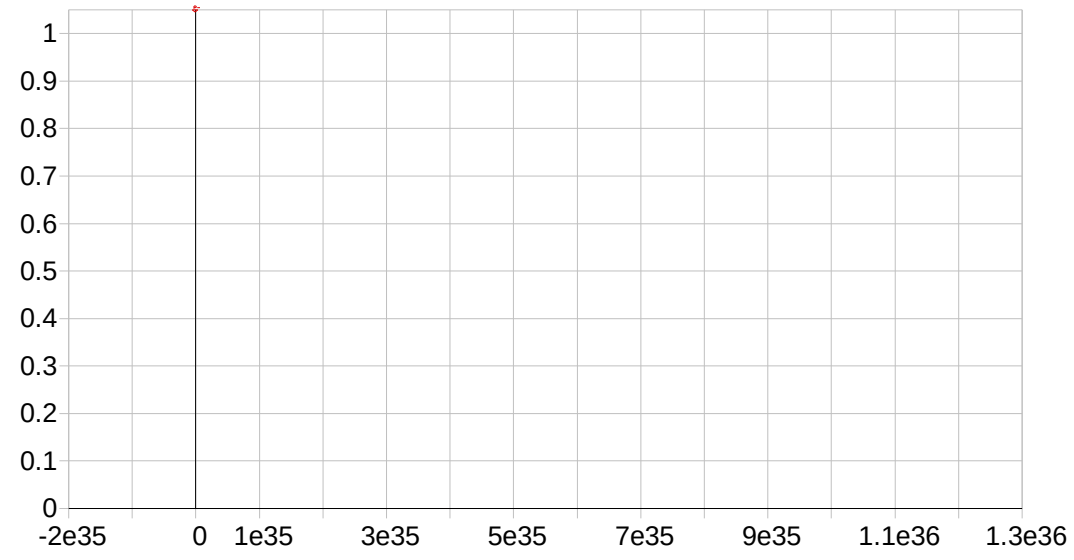


Li 670.784 { 50}

Date of Fit:	10/15/2018 14:35:36	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.021320	Re-Slope:	1.000000
A1 (Gain):	1.293351	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999816	Status:	OK.
Std Error of Est:	0.000927		
Predicted MDL:	0.001942		
Predicted MQL:	0.006475		

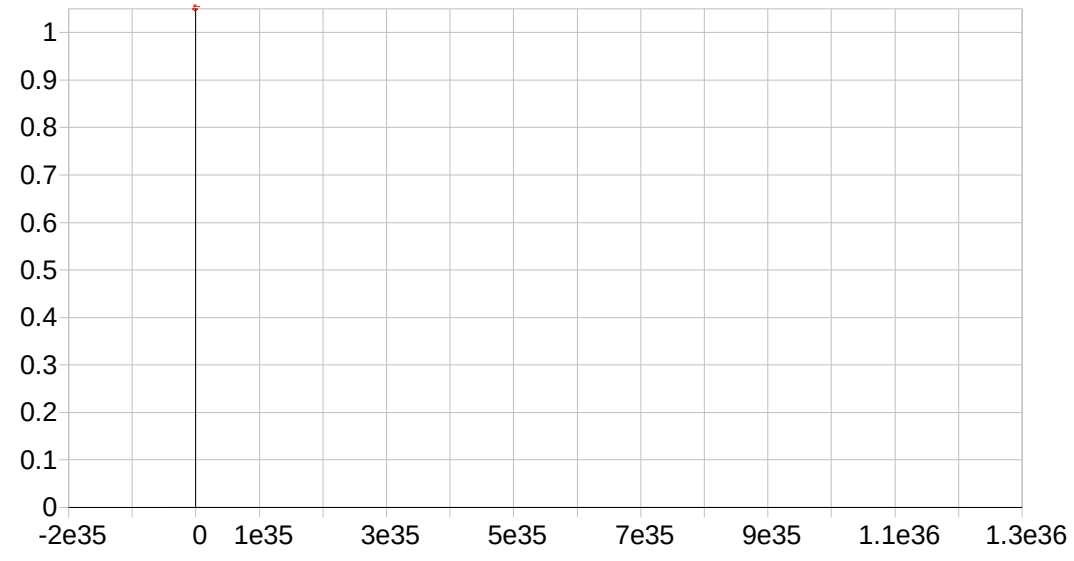
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.02133	.002	1
S5	10.000	10.134	.134	1.34	13.056	.043	1
S4	5.0000	4.9976	-.002	-.047	6.4487	.024	1
S3	2.5000	2.4323	-.068	-2.71	3.1489	.001	1
S2	1.2500	1.1900	-.060	-4.80	1.5513	.004	1
S1	.05000	.04589	-.004	-8.22	.08054	.001	1



Y 224.306 {150}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc	
A0 (Offset):	0.000000			Re-Slope:	1.000000	
A1 (Gain):	0.000000			Y-int:	0.000000	
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

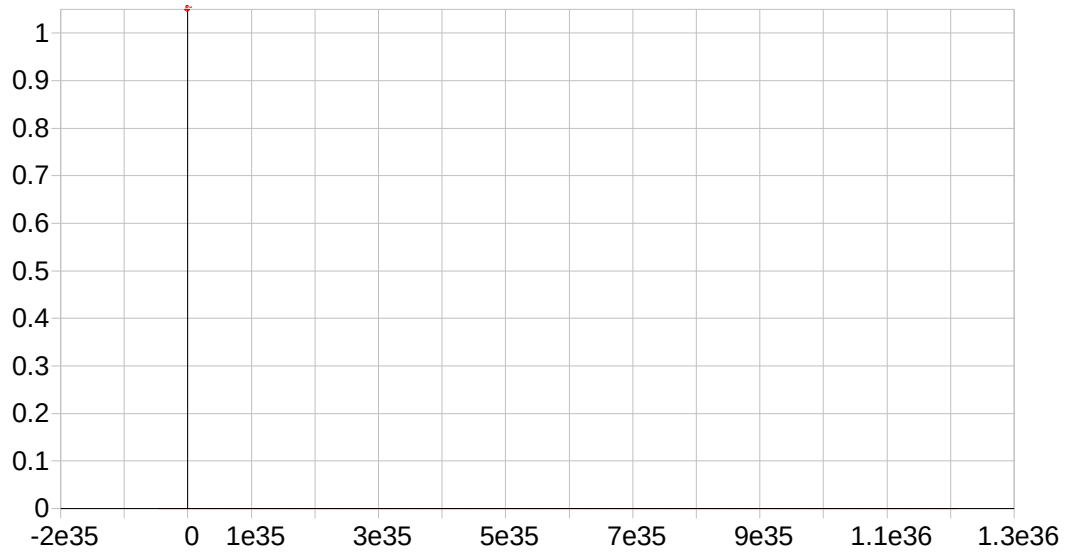


Y 224.306 {450}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc	
A0 (Offset):	0.000000			Re-Slope:	1.000000	
A1 (Gain):	0.000000			Y-int:	0.000000	

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					

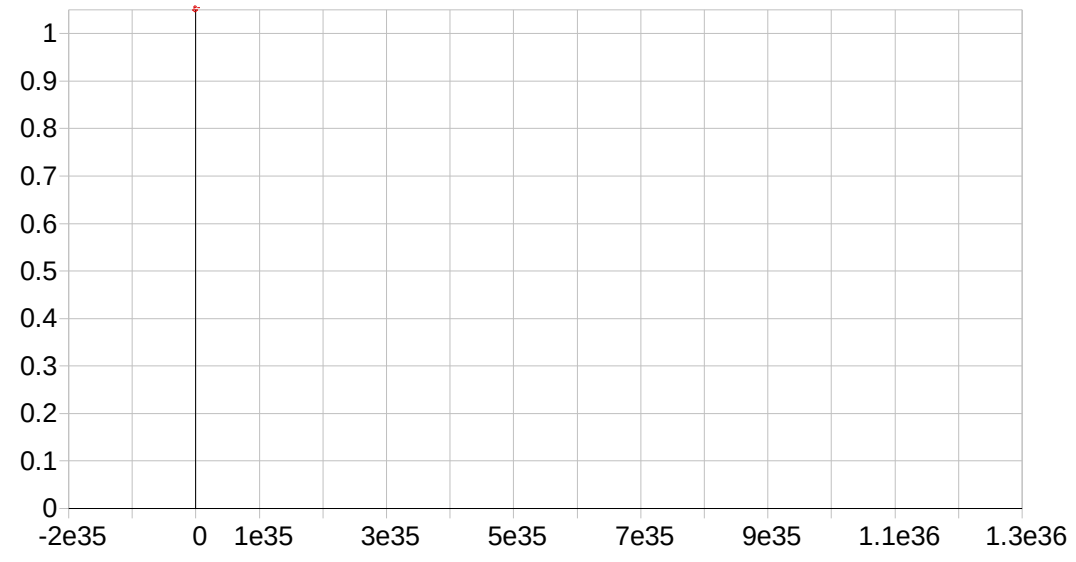
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Y 360.073 { 94}*

Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc	
A0 (Offset):		0.000000			Re-Slope:	1.000000	
A1 (Gain):		0.000000			Y-int:	0.000000	
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					

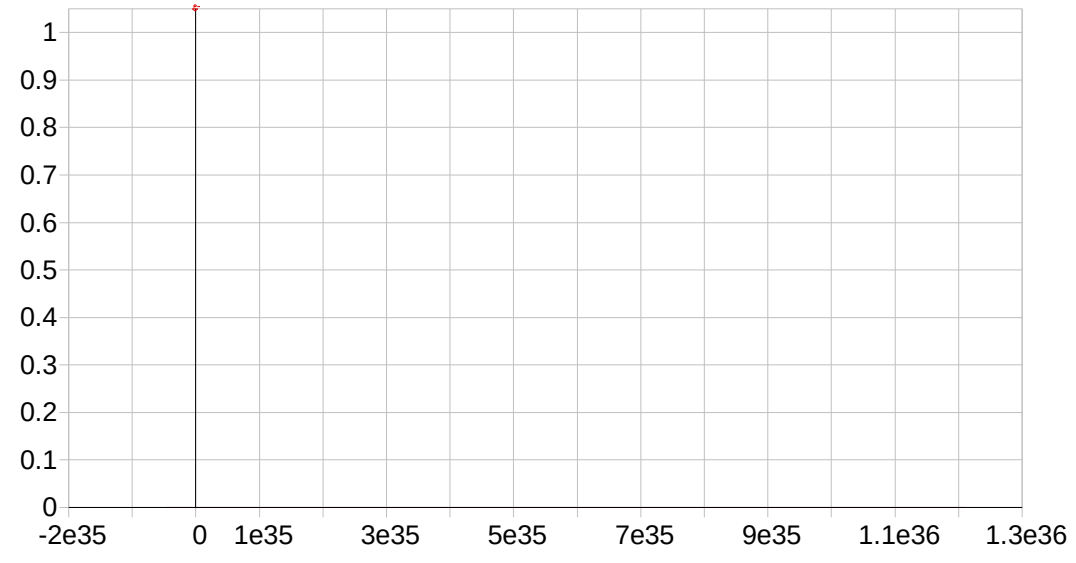
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Y 371.030 { 91}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc	
A0 (Offset):	0.000000			Re-Slope:	1.000000	
A1 (Gain):	0.000000			Y-int:	0.000000	
A2 (Curvature):	0.000000					
n (Exponent):	1.000000					
Correlation:	0.000000		Status:	Warning	Zero Gain	
Std Error of Est:	0.000000					
Predicted MDL:	n/a					
Predicted MQL:	n/a					

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

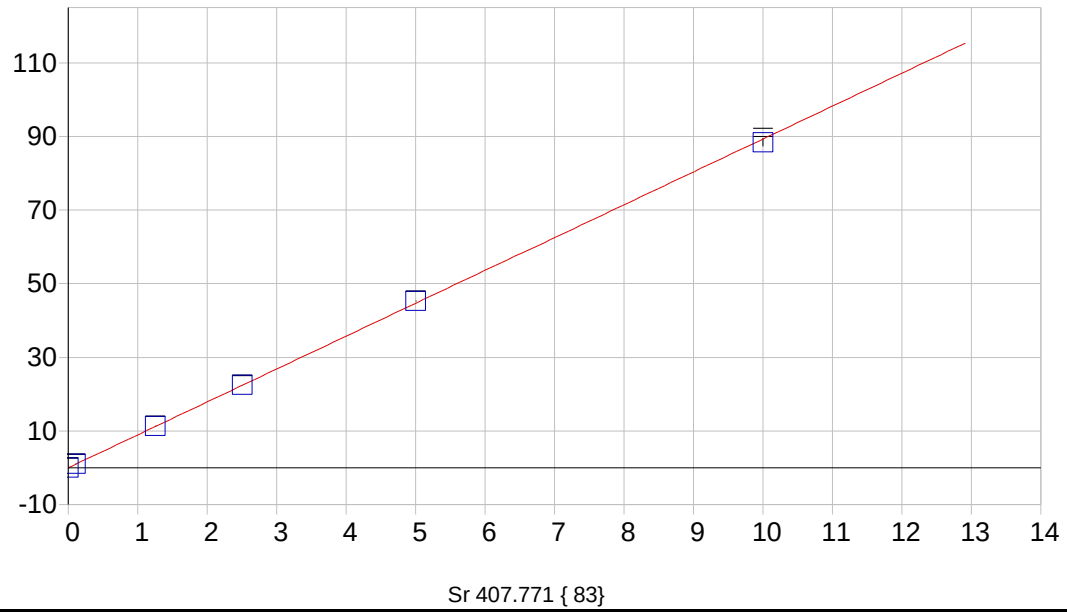


ln 230.606 {446}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc	
A0 (Offset):	0.000000			Re-Slope:	1.000000	
A1 (Gain):	0.000000			Y-int:	0.000000	

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



Sr 407.771 { 83}

Date of Fit:	10/15/2018 14:35:36	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000672	Re-Slope:	1.000000
A1 (Gain):	8.931121	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999922	Status:	OK.
Std Error of Est:	0.005927		
Predicted MDL:	0.000118		
Predicted MQL:	0.000395		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00059	.001	1
S1	.10000	.10722	.007	7.22	.95828	.005	1
S2	1.2500	1.2636	.014	1.09	11.286	.010	1
S3	2.5000	2.5135	.013	.539	22.449	.057	1
S4	5.0000	5.0726	.073	1.45	45.304	.024	1
S5	10.000	9.8931	-.107	-1.07	88.357	1.12	1

Sample Name: S0 Acquired: 10/15/2018 11:41:44 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) 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	-.00025	-.00052	-.00026	.00064	.00056	.00316	.02112	-.00347
Stddev	.00006	.00011	.00029	.00013	.00026	.00066	.00213	.00028
%RSD	24.622	20.560	110.85	20.225	45.976	20.886	10.072	7.9389
#1	-.00021	-.00040	-.00027	.00068	.00031	.00275	.01871	-.00350
#2	-.00032	-.00061	.00003	.00049	.00054	.00392	.02275	-.00319
#3	-.00022	-.00055	-.00054	.00074	.00082	.00281	.02190	-.00374

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	.00032	.00149	.00003	.00010	.00132	.00019	.00012	-.00010
Stddev	.00004	.00065	.00004	.00016	.00040	.00013	.00037	.00016
%RSD	11.848	43.622	142.97	157.91	30.139	69.652	304.87	152.71
#1	.00028	.00214	.00007	.00027	.00138	.00018	-.00003	-.00018
#2	.00035	.00084	.00000	-.00005	.00089	.00033	.00054	-.00021
#3	.00034	.00150	.00001	.00008	.00168	.00006	-.00015	.00008

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	-.00189	-.00101	.00291	.00006	-.00036	.02599	-.00089	.00394
Stddev	.00012	.00015	.00170	.00045	.00027	.00020	.00007	.00082
%RSD	6.5433	14.962	58.334	726.74	76.328	.75873	8.1847	20.772
#1	-.00192	-.00084	.00194	.00058	-.00011	.02593	-.00084	.00439
#2	-.00175	-.00106	.00192	-.00023	-.00066	.02621	-.00086	.00444
#3	-.00199	-.00113	.00487	-.00017	-.00031	.02583	-.00097	.00300

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	.00061	.00023	.00888	.00032	.00130	.02133	.00059
Stddev	.00033	.00012	.00080	.00008	.00015	.00205	.00122
%RSD	54.314	51.604	8.9700	24.353	11.896	9.6154	206.62
#1	.00076	.00026	.00971	.00039	.00115	.02323	-.00082
#2	.00085	.00033	.00879	.00032	.00146	.01916	.00133
#3	.00023	.00010	.00813	.00024	.00129	.02160	.00126

Sample Name: S0 Acquired: 10/15/2018 11:41:44 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) 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	2188.4	2478.5	49137.	4658.9	3637.8
Stddev	8.5	11.6	40.	41.0	14.1
%RSD	.38997	.46958	.08160	.88050	.38772
#1	2189.9	2466.7	49119.	4705.0	3621.5
#2	2179.2	2489.9	49109.	4626.4	3646.1
#3	2196.1	2478.9	49183.	4645.3	3645.8

Sample Name: S1 Acquired: 10/15/2018 11:45:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) 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	.00011	.00079	.00150	.00364	.01260	.01931	.79080	.04877
Stddev	.00012	.00013	.00016	.00008	.00028	.00131	.00503	.00048
%RSD	108.43	16.677	10.449	2.2423	2.2088	6.8035	.63572	.99436
#1	.00004	.00086	.00165	.00367	.01255	.01788	.79557	.04919
#2	.00004	.00086	.00134	.00355	.01235	.02047	.79126	.04888
#3	.00026	.00064	.00151	.00371	.01290	.01958	.78555	.04824

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	.01633	.16027	.00185	.03430	.00399	.00150	.00226	.02367
Stddev	.00014	.00221	.00007	.00016	.00057	.00015	.00013	.00047
%RSD	.83790	1.3804	3.9013	.45765	14.166	9.7856	5.9145	1.9662
#1	.01630	.16078	.00179	.03443	.00464	.00167	.00214	.02377
#2	.01621	.16218	.00182	.03434	.00370	.00139	.00222	.02407
#3	.01648	.15785	.00193	.03413	.00363	.00145	.00240	.02316

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	.02549	.00113	.04410	.00333	.00119	.17582	-.00071	.01033
Stddev	.00030	.00002	.00223	.00059	.00029	.00206	.00005	.00048
%RSD	1.1581	2.1347	5.0485	17.561	24.323	1.1704	7.4253	4.6635
#1	.02583	.00114	.04311	.00267	.00086	.17723	-.00072	.01010
#2	.02538	.00115	.04666	.00376	.00136	.17346	-.00076	.01088
#3	.02527	.00111	.04255	.00357	.00136	.17677	-.00066	.01000

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	.01004	.00309	.06335	.00104	.02543	.08054	.95828
Stddev	.00012	.00005	.00047	.00002	.00020	.00135	.00543
%RSD	1.2049	1.6479	.74395	2.3154	.77412	1.6781	.56656
#1	.00997	.00314	.06383	.00101	.02563	.07999	.96435
#2	.00997	.00304	.06335	.00106	.02524	.08208	.95661
#3	.01018	.00308	.06288	.00104	.02540	.07955	.95388

Sample Name: S1 Acquired: 10/15/2018 11:45:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) 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	2200.8	2468.5	49518.	4669.3	3663.3
Stddev	6.2	4.3	164.	42.4	5.0
%RSD	.28137	.17283	.33020	.90821	.13668
#1	2201.3	2464.3	49610.	4642.5	3658.6
#2	2194.4	2472.8	49329.	4647.1	3668.6
#3	2206.7	2468.4	49614.	4718.2	3662.6

Sample Name: S2 Acquired: 10/15/2018 11:50:02 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) 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	.04597	.06555	1.0575	.11296	.24331	2.9751	8.9713	1.2801
Stddev	.00026	.00022	.0011	.00020	.00049	.0197	.0174	.0099
%RSD	.56228	.32962	.10233	.17638	.20288	.66367	.19346	.77096
#1	.04579	.06539	1.0562	.11316	.24276	2.9738	8.9863	1.2826
#2	.04585	.06547	1.0582	.11295	.24373	2.9560	8.9523	1.2692
#3	.04626	.06580	1.0580	.11276	.24344	2.9955	8.9752	1.2884

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	1.8827	1.8418	.62878	.41810	.35650	.40955	.48120	.28505
Stddev	.0019	.0285	.00135	.00085	.00107	.00529	.00863	.00356
%RSD	.10279	1.5480	.21522	.20313	.29968	1.2919	1.7934	1.2481
#1	1.8818	1.8387	.63031	.41726	.35600	.40820	.47935	.28417
#2	1.8815	1.8150	.62831	.41809	.35577	.40506	.47364	.28201
#3	1.8850	1.8717	.62772	.41896	.35773	.41538	.49060	.28897

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	.39965	.05991	.28990	.03553	.08224	1.1105	.03318	.81140
Stddev	.00136	.00032	.00460	.00079	.00043	.0085	.00012	.00723
%RSD	.34077	.53084	1.5878	2.2098	.52846	.76386	.35366	.89123
#1	.39919	.06018	.28977	.03480	.08220	1.1154	.03314	.81305
#2	.39858	.05998	.28536	.03543	.08183	1.1007	.03332	.80349
#3	.40118	.05956	.29456	.03636	.08269	1.1154	.03309	.81766

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	1.1276	.03633	.72251	.14331	.28349	1.5513	11.286
Stddev	.0010	.00004	.00796	.00004	.00271	.0036	.010
%RSD	.08631	.11834	1.1018	.02993	.95733	.23418	.09240
#1	1.1285	.03637	.72527	.14326	.28247	1.5537	11.298
#2	1.1276	.03629	.71354	.14332	.28144	1.5471	11.278
#3	1.1266	.03632	.72872	.14334	.28657	1.5530	11.283

Sample Name: S2 Acquired: 10/15/2018 11:50:02 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2166.4	2390.1	49543.	4648.1	3473.1
Stddev	4.9	2.3	260.	36.2	6.7
%RSD	.22843	.09478	.52542	.77938	.19341
#1	2167.4	2392.0	49326.	4639.2	3477.4
#2	2170.7	2390.6	49473.	4687.9	3476.6
#3	2161.0	2387.6	49832.	4617.1	3465.4

Sample Name: S3 Acquired: 10/15/2018 11:53:55 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) 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	.09191	.13120	2.1245	.21733	.48662	5.9534	18.086	2.4944
Stddev	.00010	.00020	.0023	.00029	.00153	.0243	.059	.0044
%RSD	.10442	.14881	.11006	.13392	.31367	.40881	.32823	.17699
#1	.09201	.13142	2.1239	.21711	.48837	5.9253	18.067	2.4917
#2	.09191	.13105	2.1225	.21766	.48589	5.9663	18.039	2.4995
#3	.09182	.13114	2.1271	.21722	.48559	5.9685	18.153	2.4919

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	3.7418	3.6345	1.2317	.84222	.70402	.80340	.94162	.56772
Stddev	.0059	.0274	.0023	.00115	.00025	.00444	.00826	.00300
%RSD	.15703	.75454	.18841	.13678	.03480	.55288	.87710	.52848
#1	3.7382	3.6086	1.2306	.84091	.70428	.79950	.93274	.56519
#2	3.7386	3.6632	1.2344	.84269	.70379	.80823	.94907	.57104
#3	3.7486	3.6317	1.2301	.84307	.70400	.80247	.94306	.56695

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	.80199	.12189	.58098	.07049	.16591	2.2309	.06889	1.6131
Stddev	.00026	.00073	.00284	.00093	.00115	.0107	.00005	.0041
%RSD	.03295	.60201	.48889	1.3183	.69092	.47911	.07397	.25339
#1	.80197	.12105	.57777	.06955	.16459	2.2200	.06887	1.6167
#2	.80226	.12228	.58318	.07141	.16649	2.2311	.06895	1.6087
#3	.80173	.12235	.58198	.07052	.16665	2.2414	.06886	1.6140

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.2628	.07404	1.3922	.29030	.56047	3.1489	22.449
Stddev	.0010	.00011	.0004	.00020	.00169	.0006	.057
%RSD	.04611	.15307	.02801	.06946	.30225	.01887	.25367
#1	2.2633	.07392	1.3920	.29044	.55869	3.1483	22.495
#2	2.2617	.07415	1.3920	.29007	.56207	3.1495	22.385
#3	2.2636	.07405	1.3927	.29039	.56066	3.1489	22.466

Sample Name: S3 Acquired: 10/15/2018 11:53:55 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) 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	2108.5	2312.5	48988.	4661.9	3313.9
Stddev	5.1	5.7	165.	8.7	4.8
%RSD	.24109	.24806	.33766	.18586	.14539
#1	2106.1	2306.7	49125.	4666.2	3308.4
#2	2114.4	2312.5	48804.	4652.0	3315.9
#3	2105.1	2318.2	49034.	4667.7	3317.4

Sample Name: S4 Acquired: 10/15/2018 11:57:47 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) 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	.19022	.26028	4.3288	.42500	.99728	12.123	36.568	4.9202
Stddev	.00008	.00020	.0054	.00060	.00218	.048	.116	.0250
%RSD	.03986	.07752	.12437	.14107	.21855	.39179	.31652	.50870
#1	.19016	.26051	4.3306	.42566	.99530	12.080	36.434	4.9095
#2	.19018	.26015	4.3227	.42482	.99962	12.174	36.632	4.9488
#3	.19030	.26018	4.3330	.42450	.99693	12.117	36.637	4.9023

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.4990	7.3499	2.4155	1.7107	1.4093	1.5977	1.8801	1.1553
Stddev	.0040	.0554	.0028	.0013	.0028	.0135	.0193	.0100
%RSD	.05391	.75376	.11511	.07800	.19593	.84155	1.0287	.86160
#1	7.4966	7.3062	2.4172	1.7100	1.4074	1.5924	1.8670	1.1500
#2	7.4969	7.4122	2.4123	1.7097	1.4080	1.6130	1.9023	1.1668
#3	7.5037	7.3314	2.4170	1.7122	1.4125	1.5877	1.8710	1.1492

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	1.6140	.25263	1.1704	.14057	.34444	4.5711	.14501	3.2519
Stddev	.0024	.00072	.0056	.00149	.00050	.0227	.00023	.0238
%RSD	.15175	.28421	.47812	1.0585	.14576	.49559	.16113	.73205
#1	1.6156	.25189	1.1640	.13989	.34459	4.5453	.14474	3.2341
#2	1.6112	.25332	1.1732	.13955	.34485	4.5877	.14518	3.2789
#3	1.6153	.25268	1.1740	.14228	.34388	4.5804	.14510	3.2427

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.6294	.15371	2.7490	.59243	1.1224	6.4487	45.304
Stddev	.0066	.00051	.0173	.00005	.0055	.0237	.024
%RSD	.14348	.33210	.62908	.00767	.48887	.36741	.05249
#1	4.6236	.15315	2.7368	.59247	1.1186	6.4286	45.281
#2	4.6366	.15381	2.7688	.59238	1.1287	6.4748	45.303
#3	4.6281	.15416	2.7413	.59243	1.1199	6.4426	45.329

Sample Name: S4 Acquired: 10/15/2018 11:57:47 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) 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	1992.7	2150.8	47865.	4565.1	3074.5
Stddev	8.7	3.7	119.	19.6	.2
%RSD	.43413	.17116	.24815	.42959	.00668
#1	1993.1	2153.1	47940.	4577.9	3074.5
#2	1983.8	2146.5	47926.	4542.5	3074.8
#3	2001.1	2152.7	47728.	4574.9	3074.4

Sample Name: S5 Acquired: 10/15/2018 12:01:36 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) 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	.39289	.50157	8.6435	.82487	2.0607	24.401	71.312	9.4989
Stddev	.00079	.00066	.0029	.00101	.0024	.067	.893	.0670
%RSD	.20154	.13128	.03381	.12280	.11900	.27541	1.2516	.70559
#1	.39254	.50153	8.6450	.82372	2.0590	24.456	72.343	9.5744
#2	.39233	.50224	8.6402	.82528	2.0596	24.420	70.791	9.4463
#3	.39379	.50093	8.6454	.82562	2.0635	24.326	70.803	9.4760

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	14.718	14.505	4.6661	3.4060	2.7668	3.0839	3.6362	2.3028
Stddev	.005	.092	.0229	.0026	.0060	.0157	.0243	.0114
%RSD	.03196	.63289	.49051	.07652	.21728	.50734	.66749	.49327
#1	14.713	14.582	4.6420	3.4036	2.7694	3.0914	3.6440	2.3063
#2	14.722	14.530	4.6687	3.4088	2.7712	3.0944	3.6555	2.3119
#3	14.719	14.403	4.6876	3.4057	2.7600	3.0659	3.6089	2.2900

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.1938	.51403	2.3268	.27513	.69842	9.2663	.29556	6.3873
Stddev	.0011	.00258	.0134	.00164	.00550	.0102	.00023	.0502
%RSD	.03402	.50173	.57737	.59576	.78720	.11009	.07673	.78661
#1	3.1942	.51119	2.3366	.27550	.69359	9.2780	.29547	6.4431
#2	3.1946	.51466	2.3321	.27654	.70440	9.2597	.29540	6.3457
#3	3.1926	.51624	2.3115	.27333	.69726	9.2610	.29582	6.3732

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	9.5059	.31321	5.3334	1.1828	2.1990	13.056	88.357
Stddev	.0161	.00098	.0461	.0010	.0070	.043	1.123
%RSD	.16928	.31370	.86388	.08132	.31683	.32947	1.2713
#1	9.4915	.31218	5.3837	1.1820	2.2041	13.093	89.628
#2	9.5029	.31332	5.2933	1.1827	2.2019	13.066	87.496
#3	9.5233	.31414	5.3233	1.1839	2.1911	13.009	87.949

Sample Name: S5 Acquired: 10/15/2018 12:01:36 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) 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	1874.4	1969.7	47066.	4512.2	2856.7
Stddev	3.4	2.1	262.	28.0	2.1
%RSD	.18355	.10560	.55743	.62157	.07520
#1	1871.7	1970.0	47334.	4481.9	2855.0
#2	1873.2	1971.6	47054.	4537.3	2856.0
#3	1878.3	1967.4	46810.	4517.3	2859.1

Sample Name: S6 Acquired: 10/15/2018 12:05:41 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S06 Custom ID2: Custom ID3:
Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	64.764	23.005	8.1716	3.8087	6.2547
Stddev	.014	.040	.0239	.0097	.0107
%RSD	.02180	.17381	.29237	.25410	.17091
#1	64.780	23.029	8.1872	3.8107	6.2496
#2	64.755	22.959	8.1441	3.7982	6.2475
#3	64.756	23.028	8.1834	3.8172	6.2669

Int. Std.	Y_3710
Units	Cts/S
Avg	4462.2
Stddev	28.8
%RSD	.64640
#1	4430.1
#2	4486.1
#3	4470.3

Sample Name: ICV Acquired: 10/15/2018 12:09:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9958183	1.071265	.9835817	1.124809	.9788090	2.444995	.5258841
Stddev	.0019949	.002119	.0023056	.005786	.0015742	.011249	.0016232
%RSD	.2003257	.1978169	.2344093	.5144054	.1608232	.4600809	.3086640
#1	.9940431	1.068931	.9823710	1.125708	.9770103	2.457974	.5264330
#2	.9979771	1.071792	.9862405	1.118626	.9794814	2.438066	.5240576
#3	.9954348	1.073070	.9821336	1.130092	.9799353	2.438944	.5271616

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5202763	.5192191	10.69015	.5246668	.5152376	.5331406	5.463438
Stddev	.0021898	.0005249	.03655	.0005036	.0019892	.0023990	.013470
%RSD	.4208980	.1011014	.3418968	.0959813	.3860728	.4499796	.2465420
#1	.5192868	.5188090	10.72737	.5241989	.5130081	.5305785	5.475380
#2	.5227863	.5198107	10.65431	.5251997	.5168308	.5335095	5.448837
#3	.5187559	.5190376	10.68877	.5246018	.5158739	.5353339	5.466096

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5336459	5.913256	.5318103	.4901146	10.30972	.5405221	1.021278
Stddev	.0026478	.160828	.0013123	.0005770	.24581	.0073459	.004145
%RSD	.4961651	2.719787	.2467690	.1177306	2.384292	1.359036	.4058774
#1	.5317004	6.092594	.5308993	.4895824	10.28659	.5470562	1.024398
#2	.5366612	5.865348	.5333145	.4900336	10.56628	.5419392	1.022862
#3	.5325760	5.781826	.5312171	.4907279	10.07629	.5325709	1.016574

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.789425	4.946420	4.866404	4.793205	5.237013	4.711280	4.899284
Stddev	.025224	.004264	.034168	.007684	.011821	.025776	.012557
%RSD	.2576632	.0862124	.7021148	.1603017	.2257250	.5471184	.2563110
#1	9.805918	4.941522	4.847721	4.791830	5.225274	4.684595	4.886617
#2	9.760389	4.948438	4.905839	4.786301	5.248915	4.736040	4.911729
#3	9.801968	4.949302	4.845652	4.801483	5.236851	4.713204	4.899506

Sample Name: ICV Acquired: 10/15/2018 12:09:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.157670	.0085844	.0123084
Stddev	.014210	.0004415	.0000569
%RSD	.2755045	5.143081	.4626159
#1	5.172837	.0090341	.0123584
#2	5.144666	.0081516	.0122464
#3	5.155505	.0085676	.0123203

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2203.743	2457.842	50074.29	4750.043	3635.293
Stddev	4.395	5.456	187.31	20.793	1.667
%RSD	.1994157	.2219686	.3740627	.4377389	.0458675
#1	2205.746	2457.090	49858.03	4744.637	3634.992
#2	2198.704	2463.634	50185.39	4732.487	3637.090
#3	2206.780	2452.801	50179.44	4773.005	3633.796

Sample Name: ICB Acquired: 10/15/2018 12:36:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004291	.0032050	-.000502	-.001311	.0007210	.0105283	-.002715
Stddev	.003219	.0010592	.000141	.000712	.0025194	.0090882	.000898
%RSD	75.00404	33.04849	28.11813	54.27419	349.4111	86.32188	33.06560
#1	-.007194	.0022254	-.000478	-.002100	.0022782	.0036272	-.003641
#2	-.004850	.0030606	-.000374	-.000716	-.002186	.0071321	-.001849
#3	-.000830	.0043290	-.000653	-.001118	.002071	.0208255	-.002654

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000148	.0000066	.0131175	.0002068	-.000034	.0003774	.0062092
Stddev	.0000640	.0000199	.0009908	.0004331	.000119	.0035324	.0150412
%RSD	433.6742	300.2625	7.553247	209.4469	350.7566	936.0416	242.2408
#1	-.000046	.0000236	.0128173	-.000229	-.000167	-.003613	-.001114
#2	.000008	.0000115	.0142237	.000211	.000064	.001642	.023509
#3	.000082	-.000015	.0123115	.000638	.000001	.003103	-.003768

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000806	.0063466	-.000061	.0005164	-.022057	.0009987	.0037280
Stddev	.001342	.0839675	.000516	.0003923	.223970	.0087192	.0001908
%RSD	166.5877	1323.028	841.8689	75.96776	1015.392	873.0651	5.116540
#1	.000742	.0873796	.000299	.0004865	.167969	.0002878	.0036429
#2	-.001644	.0119365	-.000653	.0009229	-.268991	-.007343	.0035947
#3	-.001515	-.080276	.000170	.0001399	.034850	.010052	.0039465

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.011317	-.002715	.0015745	.0000648	.0005366	-.003042	-.000100
Stddev	.020815	.002651	.0003039	.0001964	.0030649	.000931	.001754
%RSD	183.9272	97.62840	19.29891	303.3453	571.2012	30.62412	1760.135
#1	-.022167	.000331	.0013442	.0001161	.0012051	-.003508	.001556
#2	-.024465	-.003982	.0014605	-.000152	-.002807	-.003648	.000083
#3	.012681	-.004495	.0019189	.000230	.003212	-.001969	-.001938

Sample Name: ICB Acquired: 10/15/2018 12:36:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005921	.0014022	-.000018
Stddev	.0015390	.0016336	.000110
%RSD	259.9333	116.5078	597.0403
#1	-.001015	.0026645	-.000107
#2	.000738	.0019849	.000105
#3	.002053	-.000443	-.000053

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2136.529	2396.812	48899.36	4769.357	3558.162
Stddev	4.759	3.783	203.58	15.442	1.788
%RSD	.2227655	.1578251	.4163226	.3237707	.0502466
#1	2139.719	2392.824	48740.30	4761.130	3556.921
#2	2138.809	2397.261	48828.99	4787.170	3557.354
#3	2131.058	2400.349	49128.79	4759.770	3560.212

Sample Name: ICSA Acquired: 10/15/2018 12:40:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) 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	-.008290	-.000677	-.001581	-.016668	.0025061	246.3134
Stddev	.010417	.003295	.000572	.003349	.0010764	.7084
%RSD	125.6561	486.6972	36.19124	20.09035	42.95126	.2876021
#1	-.015383	-.002010	-.002114	-.012802	.0027259	246.4388
#2	-.013157	.003076	-.001652	-.018674	.0034557	246.9507
#3	.003670	-.003097	-.000976	-.018529	.0013368	245.5507

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036123	.0009060	-.000045	260.6245	.0483271	.0020315
Stddev	.0012177	.0000445	.000124	1.1344	.0001084	.0001009
%RSD	33.70887	4.906294	274.9185	.4352780	.2243398	4.967716
#1	.0045437	.0008869	-.000188	260.5479	.0482321	.0019617
#2	.0022344	.0008743	.000025	261.7952	.0484452	.0021472
#3	.0040588	.0009568	.000028	259.5303	.0483040	.0019857

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000302	103.9213	.0108768	258.1824	-.000101	.0003657
Stddev	.003526	.4715	.0023629	1.0056	.000175	.0001897
%RSD	1169.023	.4536706	21.72431	.3895004	172.6343	51.88363
#1	.001226	104.2126	.0101109	258.3407	-.000212	.0002514
#2	.002203	104.1741	.0135277	259.0995	-.000193	.0002610
#3	-.004334	103.3774	.0089919	257.1070	.000100	.0005847

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1545075	-.003847	-.003668	-.115025	.0011342	F .0433993
Stddev	.1024354	.002371	.013990	.052373	.0020979	.0009740
%RSD	66.29801	61.64095	381.4252	45.53233	184.9784	2.244362
#1	.1873319	-.004811	-.017524	-.056605	-.000728	.0442463
#2	.2365073	-.001146	.010452	-.157775	.003407	.0436167
#3	.0396833	-.005585	-.003932	-.130693	.000723	.0423349

Sample Name: ICSA Acquired: 10/15/2018 12:40:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) 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	.0013562	.0069325	-.001062	-.004982	-.000452	.0096934
Stddev	.0002749	.0074730	.000589	.001143	.002273	.0006169
%RSD	20.26840	107.7966	55.49226	22.94993	502.3363	6.364355
#1	.0010396	.0093295	-.000421	-.005571	.001208	.0098769
#2	.0014946	-.001445	-.001580	-.005710	-.003043	.0101978
#3	.0015343	.012913	-.001187	-.003664	.000477	.0090056

Elem	Sr4077
Units	ppm
Avg	.1025412
Stddev	.0000978
%RSD	.0953710
#1	.1025089
#2	.1026511
#3	.1024637

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2051.020	2243.841	47887.44	4661.385	3159.828
Stddev	10.101	3.570	182.63	28.574	3.753
%RSD	.4924806	.1590815	.3813775	.6129854	.1187572
#1	2042.958	2247.961	47763.54	4631.557	3162.896
#2	2047.752	2241.886	47801.60	4664.085	3155.644
#3	2062.350	2241.675	48097.18	4688.513	3160.944

Sample Name: ICSAB Acquired: 10/15/2018 12:44:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) 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	.0894676	.1022671	.0459127	.0313758	.6223727	244.0958
Stddev	.0018510	.0020742	.0008437	.0048523	.0020162	.3358
%RSD	2.068947	2.028209	1.837606	15.46514	.3239463	.1375500
#1	.0912673	.1013462	.0460428	.0331503	.6200478	244.3832
#2	.0875692	.1046423	.0450116	.0258860	.6234297	243.7268
#3	.0895664	.1008128	.0466838	.0350911	.6236406	244.1774

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5344391	.5037031	1.014933	257.9658	.5693166	.5239281
Stddev	.0004729	.0024189	.003202	1.1639	.0014257	.0023801
%RSD	.0884864	.4802265	.3155252	.4512007	.2504202	.4542728
#1	.5340761	.5038203	1.011467	259.0699	.5679730	.5214278
#2	.5349739	.5012278	1.015550	256.7500	.5691645	.5241902
#3	.5342673	.5060614	1.017782	258.0776	.5708122	.5261663

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5108797	103.1549	.5370524	255.8707	1.054220	F .0507734
Stddev	.0028035	.1839	.0032690	1.2245	.003120	.0003752
%RSD	.5487651	.1783057	.6086862	.4785766	.2959411	.7389439
#1	.5139802	103.2650	.5407285	255.6654	1.051108	.0504192
#2	.5085233	102.9426	.5359567	254.7618	1.057347	.0511666
#3	.5101356	103.2572	.5344721	257.1849	1.054206	.0507344

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1939240	.5327842	1.056045	-.252405	.0097463	F .0423398
Stddev	.3164877	.0066707	.018111	.048653	.0028868	.0010188
%RSD	163.2020	1.252038	1.714985	19.27593	29.61902	2.406254
#1	-.169714	.5330099	1.042192	-.261705	.0064895	.0413495
#2	.344277	.5260035	1.076539	-.295737	.0107595	.0433849
#3	.407209	.5393390	1.049403	-.199773	.0119898	.0422850

Sample Name: ICSAB Acquired: 10/15/2018 12:44:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) 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	.0032455	.0140402	.0002549	-.003466	-.003098	.0049427
Stddev	.0000843	.0014727	.0008956	.001251	.002511	.0013368
%RSD	2.596670	10.48928	351.3554	36.09618	81.06349	27.04653
#1	.0031766	.0136290	.0009712	-.004903	-.005919	.0060686
#2	.0033395	.0128168	-.000749	-.002871	-.001107	.0052943
#3	.0032205	.0156748	.000543	-.002622	-.002267	.0034652

Elem	Sr4077
Units	ppm
Avg	.1019312
Stddev	.0001511
%RSD	.1481896
#1	.1017609
#2	.1020489
#3	.1019838

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2048.708	2249.803	47884.04	4689.552	3170.939
Stddev	6.721	3.827	25.82	28.595	1.531
%RSD	.3280610	.1701113	.0539270	.6097520	.0482906
#1	2056.129	2247.981	47875.42	4670.793	3169.423
#2	2043.030	2254.201	47863.63	4722.463	3172.486
#3	2046.966	2247.227	47913.07	4675.399	3170.909

Sample Name: CCV065 Acquired: 10/15/2018 12:48:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV065 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.039780	5.051358	25.50414	4.871945	5.144263	420.7160
Stddev	.025576	.020302	.07002	.019284	.024706	1.3722
%RSD	.5074789	.4019143	.2745437	.3958159	.4802555	.3261490
#1	5.026962	5.046524	25.47825	4.862134	5.146038	419.5879
#2	5.023147	5.033909	25.45075	4.859539	5.118718	420.3164
#3	5.069230	5.073640	25.58341	4.894162	5.168033	422.2435

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.52007	.5034598	2.514655	423.7362	15.37342	2.611045
Stddev	.03335	.0031953	.006149	2.6625	.03056	.006519
%RSD	.3170499	.6346630	.2445091	.6283405	.1987769	.2496879
#1	10.48275	.5044752	2.507986	423.1637	15.35214	2.605561
#2	10.53045	.4998802	2.515882	421.4065	15.40843	2.609321
#3	10.54699	.5060240	2.520098	426.6384	15.35967	2.618254

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.40676	421.0718	15.46486	418.0713	2.586131	1.317098
Stddev	.07587	3.3657	.12161	2.7779	.006292	.002581
%RSD	.4924319	.7993200	.7863776	.6644586	.2433097	.1959356
#1	15.33527	419.9249	15.45215	416.6499	2.583595	1.315099
#2	15.39866	418.4294	15.35010	416.2917	2.581503	1.320011
#3	15.48636	424.8610	15.59232	421.2722	2.593296	1.316184

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	418.1332	2.574001	15.70267	160.5239	F 18.17062	5.073239
Stddev	1.1921	.021383	.07797	.5016	.05197	.039563
%RSD	.2850970	.8307163	.4965346	.3124545	.2860361	.7798327
#1	417.4767	2.558302	15.64339	159.9468	18.22025	5.071334
#2	417.4137	2.565346	15.79099	160.7697	18.11658	5.034663
#3	419.5092	2.598354	15.67363	160.8551	18.17501	5.113720

Sample Name: CCV065 Acquired: 10/15/2018 12:48:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV065 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.005631	18.70595	5.073785	5.188703	5.152682	5.297120
Stddev	.014006	.05590	.029667	.018171	.027313	.009995
%RSD	.2797954	.2988587	.5847153	.3502013	.5300822	.1886967
#1	4.997706	18.75893	5.085913	5.181542	5.134832	5.286003
#2	4.997386	18.64752	5.039976	5.175204	5.139090	5.299989
#3	5.021803	18.71141	5.095468	5.209363	5.184125	5.305367

Elem	Sr4077
Units	ppm
Avg	5.114936
Stddev	.022388
%RSD	.4377082
#1	5.089154
#2	5.126183
#3	5.129471

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1932.846	2057.406	47373.45	4612.251	2869.364
Stddev	8.799	5.574	268.39	12.211	4.324
%RSD	.4552302	.2709005	.5665362	.2647441	.1506973
#1	1931.382	2059.566	47395.47	4604.370	2871.818
#2	1924.870	2061.576	47094.73	4626.317	2871.903
#3	1942.285	2051.076	47630.15	4606.067	2864.371

Sample Name: CCB065 Acquired: 10/15/2018 12:52:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB065 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003929	-.000239	.0010449	-.001112	.0001680	.0040491
Stddev	.004763	.001144	.0015684	.002495	.0001391	.0061354
%RSD	121.2203	479.2653	150.0985	224.3769	82.79221	151.5269
#1	-.006432	.000106	-.000201	-.002261	.0001589	.0109543
#2	.001563	-.001515	.002806	.001751	.0003113	.0019680
#3	-.006918	.000693	.000530	-.002826	.0000337	-.000775

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001491	.0000449	.0000251	-.006422	.0003143	.0001366
Stddev	.000529	.0000374	.0000619	.017267	.0003701	.0002669
%RSD	35.47449	83.32880	246.8634	268.8495	117.7713	195.3486
#1	-.000902	.0000745	-.000042	.013433	.0006481	.0002414
#2	-.001926	.0000028	.000079	-.017922	.0003784	.0003351
#3	-.001645	.0000573	.000038	-.014778	-.000084	-.000167

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000447	.0226646	.0002079	-.008560	.0006218	.0005851
Stddev	.0039591	.0150704	.0010455	.053857	.0001391	.0004829
%RSD	8857.922	66.49293	502.8008	629.1530	22.37071	82.54189
#1	-.000413	.0093548	.0011227	-.068235	.0004749	.0011182
#2	.004213	.0390279	-.000932	.036436	.0006390	.0004601
#3	-.003666	.0196112	.000433	.006118	.0007514	.0001769

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.158936	-.001803	.0008837	.1202197	-.004238	F .0113985
Stddev	.199798	.003560	.0068838	.0600110	.000686	.0009148
%RSD	125.7100	197.4077	778.9436	49.91778	16.18238	8.025275
#1	-.304614	.002268	-.004097	.0511745	-.004093	.0120930
#2	.068831	-.004327	-.001990	.1496543	-.004985	.0117406
#3	-.241024	-.003351	.008739	.1598302	-.003636	.0103620

Sample Name: CCB065 Acquired: 10/15/2018 12:52:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB065 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001970	.0017447	-.002457	.0001742	.0016782	.0012026
Stddev	.0001828	.0016187	.001236	.0009560	.0015440	.0015969
%RSD	92.79667	92.77527	50.30446	548.8654	92.00286	132.7857
#1	.0003660	.0004209	-.002386	.0009982	.0028975	.0029299
#2	.0002221	.0035493	-.001258	.0003983	.0021951	.0008978
#3	.0000030	.0012640	-.003727	-.000874	-.000058	-.000220

Elem	Sr4077
Units	ppm
Avg	-.000032
Stddev	.000027
%RSD	84.81726
#1	-.000063
#2	-.000016
#3	-.000016

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2180.710	2427.697	49686.84	4800.577	3600.439
Stddev	8.358	5.024	161.04	15.253	8.022
%RSD	.3832504	.2069307	.3241132	.3177422	.2227981
#1	2176.177	2422.138	49500.92	4802.050	3592.120
#2	2175.599	2431.911	49776.40	4815.040	3601.070
#3	2190.355	2429.042	49783.19	4784.640	3608.126

Sample Name: PB113812BL Acquired: 10/15/2018 13:03:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) 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	-.004021	-.000875	-.000103	-.002413	.0001901	.0032683	-.002658
Stddev	.004785	.001595	.000856	.001115	.0011233	.0077068	.000575
%RSD	118.9826	182.3761	834.7666	46.18079	590.8596	235.8016	21.63348
#1	-.009543	-.002712	.000268	-.001738	.0014200	.0046756	-.002012
#2	-.001091	.000148	.000506	-.001802	-.000782	.0101745	-.003114
#3	-.001430	-.000059	-.001081	-.003700	-.000068	-.005045	-.002848

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000395	.0000532	.0085804	-.000098	.0001136	.0035253	.0053527
Stddev	.0000420	.0000406	.0131961	.000181	.0001084	.0033709	.0200065
%RSD	106.2440	76.41343	153.7933	183.9363	95.46340	95.61948	373.7609
#1	.0000635	.0000846	.0227613	-.000292	.0002178	.0073181	.0062014
#2	-.000009	.0000677	.0063185	-.000068	.0001216	.0008712	-.015065
#3	.000064	.0000073	-.003339	.000066	.0000014	.0023867	.024921

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002049	.0005416	.0002314	.0007612	-.191562	-.000383	.0029619
Stddev	.001204	.0503430	.0004161	.0004660	.166132	.010229	.0088172
%RSD	58.74951	9295.461	179.7947	61.22732	86.72457	2671.840	297.6857
#1	-.003145	-.031170	-.000204	.0009622	-.318680	-.012193	.0124691
#2	-.000761	.058590	.000625	.0002283	-.003583	.005662	.0013633
#3	-.002240	-.025795	.000273	.0010929	-.252425	.005383	-.004947

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.045014	-.003074	-.000415	-.000043	.0017272	-.003181	-.001117
Stddev	.099593	.003825	.001371	.000086	.0030875	.000833	.000622
%RSD	221.2474	124.4053	330.2700	199.1305	178.7580	26.19017	55.68767
#1	-.102870	-.006076	.001122	-.000070	-.000486	-.004140	-.001456
#2	-.102158	-.004379	-.001513	.000053	.005254	-.002768	-.000399
#3	.069985	.001232	-.000854	-.000112	.000414	-.002635	-.001496

Sample Name: PB113812BL Acquired: 10/15/2018 13:03:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) 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	.0005206	-.002090	.0000109
Stddev	.0016382	.000441	.0001591
%RSD	314.7055	21.12228	1458.683
#1	.0000159	-.001612	-.000168
#2	.0023518	-.002175	.000063
#3	-.000806	-.002482	.000138

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2127.423	2385.608	48701.40	4767.563	3534.496
Stddev	14.305	1.991	218.37	2.408	8.123
%RSD	.6724165	.0834673	.4483830	.0505166	.2298235
#1	2118.259	2383.445	48576.72	4769.330	3525.353
#2	2120.103	2386.015	48573.93	4764.820	3537.257
#3	2143.907	2387.364	48953.54	4768.540	3540.880

Sample Name: PB113812BS Acquired: 10/15/2018 13:07:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) 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	.0195180	.0488164	.0192498	.0669995	.1207313	.3875691
Stddev	.0021339	.0032785	.0014866	.0021498	.0002217	.0040845
%RSD	10.93307	6.715987	7.722471	3.208634	.1836123	1.053882
#1	.0171022	.0451658	.0175698	.0692656	.1205988	.3907065
#2	.0211459	.0515096	.0197848	.0667441	.1206079	.3890501
#3	.0203058	.0497740	.0203948	.0649888	.1209872	.3829506

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4020531	.0098859	.0095927	10.28415	.0209280	.0944822
Stddev	.0013421	.0000135	.0000498	.00762	.0002816	.0001923
%RSD	.3338107	.1364697	.5188286	.0740670	1.345482	.2035266
#1	.4027411	.0098922	.0096179	10.29281	.0210527	.0943776
#2	.4005066	.0098704	.0095354	10.27848	.0206057	.0947041
#3	.4029117	.0098951	.0096248	10.28116	.0211258	.0943648

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0553368	.2150277	.0314921	9.554986	.0800626	.0198403
Stddev	.0040431	.0205682	.0023929	.099057	.0000921	.0003814
%RSD	7.306326	9.565392	7.598314	1.036710	.1150120	1.922326
#1	.0506717	.2345507	.0296400	9.477211	.0801111	.0202099
#2	.0578246	.2169791	.0341939	9.666507	.0799564	.0198630
#3	.0575141	.1935533	.0306426	9.521240	.0801203	.0194481

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.605681	.1001452	.1156938	9.440065	.0158467	F .0179565
Stddev	.103876	.0078260	.0049801	.123374	.0013554	.0004972
%RSD	1.081406	7.814627	4.304557	1.306922	8.553283	2.769208
#1	9.663668	.0997134	.1099447	9.578703	.0147100	.0179430
#2	9.667618	.0925441	.1184561	9.342360	.0173468	.0174661
#3	9.485756	.1081781	.1186805	9.399132	.0154834	.0184603

Sample Name: PB113812BS Acquired: 10/15/2018 13:07:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) 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	.0190628	.1756846	.1866475	F .0117991	.2028268	.0880257
Stddev	.0002444	.0009158	.0016688	.0007588	.0020824	.0015721
%RSD	1.281847	.5212896	.8941090	6.430814	1.026690	1.785921
#1	.0191807	.1751037	.1877325	.0125314	.2005174	.0862146
#2	.0192258	.1767404	.1847258	.0118495	.2045614	.0890380
#3	.0187818	.1752099	.1874841	.0110163	.2034015	.0888244

Elem	Sr4077
Units	ppm
Avg	.1958531
Stddev	.0004733
%RSD	.2416562
#1	.1963683
#2	.1957533
#3	.1954376

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2175.496	2410.123	49772.02	4822.643	3611.684
Stddev	5.725	6.658	45.41	24.628	8.462
%RSD	.2631756	.2762452	.0912320	.5106723	.2342892
#1	2177.452	2407.458	49807.50	4802.290	3606.223
#2	2179.987	2417.700	49720.85	4850.020	3621.431
#3	2169.049	2405.210	49787.72	4815.620	3607.398

Sample Name: J5319-01 Acquired: 10/15/2018 13:12:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACF5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0896699	.0108678	2.671410	-.023847	.0066549	84.39804	3.699717
Stddev	.0038170	.0029239	.004692	.002389	.0003165	.34775	.010150
%RSD	4.256678	26.90467	.1756278	10.01944	4.756322	.4120370	.2743454
#1	.0893716	.0141947	2.667332	-.022741	.0069957	84.19706	3.697132
#2	.0936272	.0087057	2.676538	-.026589	.0065989	84.19747	3.710909
#3	.0860108	.0097031	2.670359	-.022211	.0063701	84.79959	3.691109

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0153087	.0108153	98.51624	.2035912	.4473250	.7785984	210.9297
Stddev	.0001074	.0002818	.79317	.0007624	.0012538	.0033153	2.1488
%RSD	.7018546	2.605382	.8051170	.3744679	.2802790	.4258050	1.018722
#1	.0151863	.0107950	98.33357	.2043561	.4465216	.7777426	211.2905
#2	.0153525	.0111066	97.83034	.2035864	.4466836	.7822577	208.6234
#3	.0153874	.0105442	99.38481	.2028313	.4487696	.7757949	212.8752

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.98100	17.26385	.6879024	.0038417	.7633582	.3220594	2.198556
Stddev	.25368	.16794	.0016102	.0006258	.1090439	.0034653	.018984
%RSD	1.015487	.9727986	.2340750	16.29059	14.28475	1.075975	.8634894
#1	24.93882	17.32602	.6861804	.0038131	.8537573	.3183387	2.177551
#2	24.75106	17.07369	.6881561	.0032307	.7940637	.3251947	2.203630
#3	25.25313	17.39184	.6893707	.0044814	.6422537	.3226448	2.214488

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.11789	13.50559	.1248962	.0067488	3.655558	4.386101	.0728692
Stddev	.02599	.02233	.0038246	.0002912	.007846	.020385	.0008494
%RSD	.2568899	.1653213	3.062235	4.314806	.2146211	.4647719	1.165711
#1	10.09495	13.47986	.1243540	.0068837	3.659661	4.392479	.0730000
#2	10.11261	13.51691	.1213716	.0069480	3.646511	4.363289	.0736457
#3	10.14612	13.51998	.1289630	.0064146	3.660501	4.402534	.0719620

Sample Name: J5319-01 Acquired: 10/15/2018 13:12:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACF5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.047670	.0440863	.4829982
Stddev	.002345	.0020014	.0013240
%RSD	.2238392	4.539803	.2741201
#1	1.047038	.0418188	.4844263
#2	1.045705	.0456065	.4827568
#3	1.050266	.0448337	.4818115

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2820.774	3097.525	65455.18	6375.099	3418.450
Stddev	7.845	6.763	105.30	15.700	5.792
%RSD	.2781132	.2183358	.1608690	.2462729	.1694219
#1	2829.135	3098.648	65334.15	6377.812	3423.736
#2	2813.575	3103.657	65525.75	6389.265	3419.355
#3	2819.611	3090.271	65505.64	6358.218	3412.259

Sample Name: J5319-02 Acquired: 10/15/2018 13:16:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACF6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1438965	.0093445	2.042901	-.020884	.0055365	74.44997	2.168329
Stddev	.0035919	.0025768	.005070	.001811	.0018862	.18656	.004347
%RSD	2.496144	27.57594	.2481858	8.670313	34.06887	.2505873	.2004895
#1	.1420258	.0097900	2.038956	-.020424	.0047723	74.34014	2.171963
#2	.1416262	.0065740	2.041128	-.019347	.0076849	74.34440	2.163513
#3	.1480376	.0116696	2.048620	-.022880	.0041523	74.66538	2.169511

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090919	.0047494	23.75302	.1692063	.3904002	.4598210	199.9593
Stddev	.0000695	.0001560	.04698	.0006059	.0015843	.0026033	1.0958
%RSD	.7647747	3.283505	.1977674	.3580791	.4058136	.5661468	.5480168
#1	.0090117	.0046849	23.72229	.1693389	.3887516	.4593521	199.1118
#2	.0091304	.0049273	23.72969	.1697349	.3905378	.4626268	199.5694
#3	.0091338	.0046360	23.80710	.1685451	.3919112	.4574840	201.1968

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.39406	10.18363	.4405701	.0050398	.9361477	.2942174	1.214800
Stddev	.08833	.08007	.0013831	.0004320	.1361057	.0074535	.015382
%RSD	.4802338	.7862554	.3139442	8.571787	14.53892	2.533339	1.266177
#1	18.31259	10.12171	.4390052	.0051289	.9138510	.2953631	1.197315
#2	18.38164	10.15513	.4410761	.0054203	.8125669	.3010318	1.226241
#3	18.48795	10.27405	.4416290	.0045702	1.082025	.2862574	1.220846

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.637165	8.823462	.1057817	.0090467	2.121481	2.068323	.0503714
Stddev	.032058	.038683	.0009931	.0002160	.011333	.006589	.0017681
%RSD	.4830113	.4384090	.9387854	2.387739	.5341884	.3185650	3.510070
#1	6.618206	8.787125	.1060488	.0092167	2.113164	2.066846	.0498599
#2	6.674179	8.819134	.1046825	.0088036	2.134389	2.062599	.0489154
#3	6.619111	8.864127	.1066140	.0091197	2.116889	2.075526	.0523388

Sample Name: J5319-02 Acquired: 10/15/2018 13:16:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACF6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6732794	.0319338	.1113125
Stddev	.0017485	.0007079	.0004712
%RSD	.2597038	2.216719	.4233269
#1	.6752963	.0311998	.1112937
#2	.6723522	.0319894	.1108509
#3	.6721897	.0326123	.1117928

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2553.350	2818.930	58566.57	5731.280	3519.221
Stddev	12.748	7.120	212.73	26.061	4.124
%RSD	.4992594	.2525685	.3632348	.4547135	.1171863
#1	2565.578	2810.964	58776.35	5747.916	3517.829
#2	2540.139	2824.673	58572.36	5744.679	3523.861
#3	2554.333	2821.153	58351.00	5701.245	3515.973

Sample Name: J5319-03 Acquired: 10/15/2018 13:20:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACF7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1074881	.0120153	5.681228	-.025785	.2134390	63.93505	1.917690
Stddev	.0026451	.0008414	.007953	.003082	.0020105	.23168	.004098
%RSD	2.460822	7.002366	.1399803	11.95202	.9419669	.3623649	.2136740
#1	.1093397	.0115215	5.673969	-.027998	.2111256	63.95715	1.917445
#2	.1044587	.0115376	5.679988	-.027092	.2147635	63.69311	1.921905
#3	.1086661	.0129867	5.689728	-.022265	.2144281	64.15488	1.913721

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097578	.0077528	115.0396	.1581501	.7352981	1.018608	240.4071
Stddev	.0000936	.0002351	1.2276	.0003810	.0022148	.004858	2.8374
%RSD	.9595457	3.032908	1.067139	.2409326	.3012072	.4769404	1.180265
#1	.0098261	.0075447	115.2349	.1583667	.7342665	1.017609	240.6418
#2	.0096510	.0080078	113.7261	.1583735	.7337873	1.023888	237.4596
#3	.0097962	.0077059	116.1580	.1577102	.7378405	1.014328	243.1199

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.56796	49.93302	.8192263	.0064569	.7097743	.3190623	1.173378
Stddev	.31102	.61767	.0013648	.0001129	.2664158	.0042534	.030371
%RSD	1.442043	1.236993	.1665897	1.747672	37.53528	1.333103	2.588318
#1	21.62321	50.18566	.8176728	.0065669	.8801916	.3155459	1.145856
#2	21.23302	49.22908	.8202322	.0064624	.4027643	.3178511	1.168318
#3	21.84765	50.38432	.8197741	.0063415	.8463671	.3237900	1.205961

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.124763	5.375629	.1266657	.0122264	3.492985	2.112658	.8985293
Stddev	.066592	.037357	.0074747	.0001699	.013753	.008472	.0033045
%RSD	1.299409	.6949368	5.901097	1.389501	.3937461	.4010259	.3677646
#1	5.072809	5.338867	.1293934	.0123518	3.477271	2.118442	.8976232
#2	5.101648	5.374465	.1182103	.0120331	3.502831	2.102933	.8957723
#3	5.199832	5.413554	.1323934	.0122942	3.498854	2.116600	.9021923

Sample Name: J5319-03 Acquired: 10/15/2018 13:20:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACF7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6728657	.0321314	.0895280
Stddev	.0020134	.0004888	.0002560
%RSD	.2992213	1.521316	.2859238
#1	.6710383	.0325687	.0898233
#2	.6725349	.0316036	.0893929
#3	.6750240	.0322218	.0893680

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2453.670	2716.369	57371.76	5663.262	3413.523
Stddev	2.523	8.883	94.10	26.059	11.347
%RSD	.1028153	.3270193	.1640262	.4601462	.3324224
#1	2454.138	2715.880	57454.76	5653.168	3418.494
#2	2455.926	2725.487	57390.99	5692.859	3421.537
#3	2450.946	2707.741	57269.52	5643.760	3400.539

Sample Name: J5319-04 Acquired: 10/15/2018 13:24:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACF8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0960808	.0055510	2.655165	-.019350	.0052825	66.54149	2.807509
Stddev	.0028545	.0024231	.004253	.002749	.0016684	.13527	.003194
%RSD	2.970903	43.65118	.1601937	14.20635	31.58408	.2032880	.1137660
#1	.0954821	.0028681	2.654220	-.016294	.0046480	66.39945	2.805011
#2	.0935732	.0075802	2.651463	-.021623	.0071751	66.66878	2.811108
#3	.0991871	.0062048	2.659811	-.020132	.0040244	66.55625	2.806408

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090279	.0094159	118.0752	.1647242	.4063833	.4623823	194.2136
Stddev	.0001148	.0000714	.4272	.0004353	.0014650	.0018068	.5667
%RSD	1.271042	.7579355	.3617911	.2642678	.3605022	.3907660	.2917898
#1	.0091422	.0093428	117.6290	.1647264	.4048947	.4628602	193.6419
#2	.0090285	.0094854	118.4805	.1651585	.4064316	.4639022	194.7752
#3	.0089128	.0094194	118.1162	.1642879	.4078236	.4603846	194.2237

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.40872	23.05685	.4403855	.0057414	1.008154	.3019089	2.501797
Stddev	.08731	.17601	.0009264	.0002517	.103683	.0040214	.034081
%RSD	.4742969	.7633581	.2103582	4.383143	10.28446	1.331984	1.362252
#1	18.30790	22.91342	.4393185	.0054899	1.081745	.3028919	2.515863
#2	18.45946	23.00387	.4408541	.0057410	.889575	.3053475	2.462935
#3	18.45880	23.25326	.4409840	.0059932	1.053141	.2974871	2.526594

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.943516	6.810655	.1224508	.0092438	2.763160	10.20560	.0897461
Stddev	.017340	.009842	.0009508	.0002730	.011175	.02632	.0008995
%RSD	.3507534	.1445025	.7765077	2.953088	.4044430	.2578590	1.002287
#1	4.957678	6.799429	.1213967	.0089452	2.761305	10.23072	.0898068
#2	4.924177	6.817801	.1232438	.0094805	2.753028	10.20786	.0888178
#3	4.948692	6.814733	.1227118	.0093057	2.775147	10.17823	.0906138

Sample Name: J5319-04 Acquired: 10/15/2018 13:24:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACF8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8523753	.0278935	.4204089
Stddev	.0073206	.0005453	.0003940
%RSD	.8588524	1.954793	.0937287
#1	.8576570	.0279804	.4208531
#2	.8554501	.0283901	.4201016
#3	.8440187	.0273100	.4202719

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2454.072	2719.798	57057.47	5625.633	3393.337
Stddev	9.750	1.309	96.96	16.582	3.732
%RSD	.3973018	.0481317	.1699293	.2947625	.1099820
#1	2457.726	2721.054	57168.97	5641.101	3395.998
#2	2461.468	2719.897	56992.99	5608.125	3394.942
#3	2443.023	2718.442	57010.45	5627.674	3389.071

Sample Name: J5319-05 Acquired: 10/15/2018 13:28:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACF9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0644531	.0060934	.4341023	-.022628	.0072976	75.79927
Stddev	.0040927	.0032454	.0023780	.003385	.0018356	.00716
%RSD	6.349889	53.26136	.5478039	14.96086	25.15338	.0094431
#1	.0690207	.0098393	.4329884	-.025826	.0089023	75.79700
#2	.0632193	.0043138	.4368328	-.022975	.0052961	75.80729
#3	.0611192	.0041271	.4324856	-.019082	.0076943	75.79353

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.493860	.0071890	.0030322	F 1015.413	.1202278	.1487079
Stddev	.001337	.0001206	.0000583	1.735	.0013690	.0004299
%RSD	.0895076	1.677949	1.922368	.1708477	1.138639	.2890703
#1	1.494633	.0071037	.0029828	1013.686	.1217194	.1482254
#2	1.494631	.0071363	.0030175	1017.156	.1190288	.1490502
#3	1.492316	.0073270	.0030965	1015.397	.1199352	.1488479

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1819163	177.9873	17.58769	530.7407	.1671058	.0013243
Stddev	.0050396	.4118	.05315	1.3589	.0007512	.0001708
%RSD	2.770270	.2313639	.3021864	.2560401	.4495073	12.89417
#1	.1782338	177.8056	17.62793	529.4454	.1679543	.0011272
#2	.1876597	177.6976	17.52744	530.6213	.1668371	.0014261
#3	.1798555	178.4587	17.60769	532.1554	.1665259	.0014196

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.894255	.2879295	.3964135	6.257588	4.297908	.0799659
Stddev	.189723	.0106059	.0228636	.034837	.013192	.0010738
%RSD	4.871873	3.683508	5.767626	.5567170	.3069321	1.342800
#1	3.771259	.2956525	.3919711	6.290128	4.284397	.0810799
#2	4.112753	.2922992	.4211723	6.220837	4.310755	.0789374
#3	3.798754	.2758369	.3760970	6.261798	4.298573	.0798804

Sample Name: J5319-05 Acquired: 10/15/2018 13:28:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACF9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046561	13.78847	10.43372	.0024499	.8198799	.0646307
Stddev	.0001409	.01925	.07190	.0013646	.0017362	.0004230
%RSD	3.025681	.1395873	.6890851	55.69848	.2117663	.6544535
#1	.0045343	13.77903	10.35120	.0013154	.8192951	.0644290
#2	.0048104	13.77576	10.48290	.0020702	.8185115	.0643464
#3	.0046237	13.81061	10.46705	.0039641	.8218330	.0651168

Elem	Sr4077
Units	ppm
Avg	.4119029
Stddev	.0013964
%RSD	.3390170
#1	.4102905
#2	.4127199
#3	.4126983

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2142.440	2316.620	51346.84	5042.657	2845.520
Stddev	7.356	1.787	125.67	18.169	1.586
%RSD	.3433328	.0771527	.2447543	.3603097	.0557237
#1	2150.619	2316.543	51220.19	5063.036	2844.691
#2	2140.332	2314.872	51471.51	5028.150	2844.522
#3	2136.368	2318.445	51348.84	5036.784	2847.349

Sample Name: J5319-06 Acquired: 10/15/2018 13:32:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACG0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0911621	.0280547	2.351146	-.027434	.0063792	102.6825
Stddev	.0011813	.0027902	.004192	.000603	.0006844	.5459
%RSD	1.295814	9.945515	.1782799	2.199793	10.72834	.5316504
#1	.0910468	.0249900	2.355851	-.026738	.0056299	102.8550
#2	.0900427	.0287262	2.347811	-.027759	.0065363	103.1213
#3	.0923968	.0304478	2.349775	-.027806	.0069713	102.0712

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.893023	.0125485	.0076764	130.9246	.2696227	.2572753
Stddev	.003449	.0000900	.0001700	1.5655	.0003212	.0007720
%RSD	.1192169	.7174062	2.215066	1.195695	.1191485	.3000595
#1	2.895987	.0126238	.0077130	131.7049	.2696937	.2564378
#2	2.893844	.0125729	.0074910	131.9466	.2692719	.2574296
#3	2.889237	.0124488	.0078251	129.1224	.2699026	.2579585

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2254202	286.4593	F 47.20157	67.30606	.3025951	.0032750
Stddev	.0041329	2.9596	.59944	.74245	.0010710	.0008106
%RSD	1.833438	1.033169	1.269963	1.103090	.3539434	24.75001
#1	.2262394	287.6053	47.43165	67.49016	.3021612	.0024809
#2	.2290821	288.6745	47.65188	67.93914	.3018091	.0041010
#3	.2209389	283.0980	46.52117	66.48888	.3038150	.0032430

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9632551	.3927997	.5866585	8.387216	4.831152	.1233207
Stddev	.0998509	.0078365	.0220533	.030016	.014267	.0055981
%RSD	10.36598	1.995034	3.759137	.3578788	.2953130	4.539482
#1	1.072878	.3950804	.6099993	8.379339	4.826456	.1286305
#2	.877502	.3992429	.5661704	8.420385	4.819825	.1238584
#3	.939385	.3840759	.5838058	8.361923	4.847175	.1174731

Sample Name: J5319-06 Acquired: 10/15/2018 13:32:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACG0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054561	4.182769	3.333845	.0037935	.8526678	.0568123
Stddev	.0002563	.009932	.012619	.0018536	.0023646	.0005472
%RSD	4.697819	.2374453	.3785244	48.86369	.2773130	.9632186
#1	.0055945	4.171434	3.336820	.0040693	.8540193	.0574001
#2	.0056135	4.186929	3.344711	.0018174	.8540466	.0567190
#3	.0051603	4.189945	3.320004	.0054938	.8499375	.0563177

Elem	Sr4077
Units	ppm
Avg	.0974595
Stddev	.0004034
%RSD	.4139168
#1	.0978597
#2	.0970530
#3	.0974657

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2513.462	2773.623	58879.17	5845.174	3316.231
Stddev	8.280	6.505	72.56	45.139	3.018
%RSD	.3294270	.2345275	.1232397	.7722356	.0910115
#1	2505.661	2767.737	58866.40	5835.288	3316.216
#2	2512.575	2772.525	58813.85	5805.797	3319.256
#3	2522.150	2780.607	58957.28	5894.436	3313.220

Sample Name: J5319-07 Acquired: 10/15/2018 13:36:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACG1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0481309	.0221936	3.381086	-.016132	.0055261	76.89578
Stddev	.0027123	.0024240	.003255	.001372	.0017885	.63050
%RSD	5.635226	10.92209	.0962590	8.504517	32.36472	.8199429
#1	.0498759	.0240314	3.377619	-.015110	.0038958	77.62352
#2	.0495107	.0231029	3.384076	-.017691	.0074392	76.51376
#3	.0450062	.0194464	3.381562	-.015595	.0052433	76.55007

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.508692	.0081483	.0058099	52.37414	.0856067	.2798627
Stddev	.015880	.0000951	.0000593	.62047	.0007104	.0003372
%RSD	.6329800	1.166854	1.020129	1.184682	.8298643	.1204943
#1	2.526881	.0082164	.0057460	53.07721	.0849461	.2795173
#2	2.501603	.0080396	.0058208	51.90326	.0855158	.2798796
#3	2.497591	.0081887	.0058630	52.14194	.0863582	.2801911

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3989687	167.6380	F 31.95952	24.94664	.2864181	.0030327
Stddev	.0055096	1.9789	.37126	.23786	.0007002	.0001876
%RSD	1.380970	1.180480	1.161669	.9534673	.2444560	6.186671
#1	.4046971	169.9018	32.38663	25.21464	.2865590	.0031347
#2	.3937076	166.7754	31.71402	24.76059	.2856583	.0031473
#3	.3985015	166.2368	31.77792	24.86467	.2870372	.0028162

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2912622	.2684756	.5837957	8.203187	5.747319	.0835562
Stddev	.1490754	.0073600	.0128966	.106591	.027781	.0028697
%RSD	51.18253	2.741388	2.209096	1.299379	.4833740	3.434473
#1	.3866233	.2739323	.5912968	8.321970	5.763693	.0842971
#2	.3676911	.2601048	.5911862	8.171714	5.715242	.0859828
#3	.1194722	.2713895	.5689041	8.115877	5.763021	.0803887

Sample Name: J5319-07 Acquired: 10/15/2018 13:36:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACG1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041587	4.699374	2.330023	.0024246	.7102440	.0381311
Stddev	.0002922	.037346	.044687	.0016517	.0073052	.0020552
%RSD	7.025873	.7946917	1.917899	68.12304	1.028548	5.389792
#1	.0044044	4.742111	2.380027	.0014002	.7177182	.0404766
#2	.0042361	4.673020	2.293992	.0043300	.7031204	.0366457
#3	.0038356	4.682990	2.316048	.0015435	.7098935	.0372710

Elem	Sr4077
Units	ppm
Avg	.0652878
Stddev	.0004371
%RSD	.6694947
#1	.0657811
#2	.0649485
#3	.0651340

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2490.413	2752.918	57892.85	5667.431	3450.587
Stddev	16.623	2.773	219.20	72.187	1.670
%RSD	.6674989	.1007127	.3786390	1.273720	.0483953
#1	2508.292	2756.082	57999.35	5584.909	3452.514
#2	2475.423	2751.756	57640.74	5718.872	3449.554
#3	2487.525	2750.915	58038.45	5698.511	3449.693

Sample Name: J5319-08 Acquired: 10/15/2018 13:40:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACG2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0729741	-.001790	.2865116	-.014090	.0062551	13.64272
Stddev	.0021842	.002944	.0023256	.003461	.0035047	.06030
%RSD	2.993114	164.4964	.8117037	24.56569	56.03011	.4420007
#1	.0725188	.000685	.2867558	-.015005	.0032708	13.69552
#2	.0753500	-.001009	.2840735	-.010263	.0053800	13.57701
#3	.0710534	-.005045	.2887055	-.017002	.0101144	13.65562

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2959664	.0030649	.0049466	F 2042.596	.0718234	.0741729
Stddev	.0010075	.0000710	.0001520	16.049	.0004811	.0004408
%RSD	.3403952	2.314951	3.073020	.7856959	.6697791	.5943212
#1	.2969310	.0029838	.0048782	2057.441	.0712997	.0736661
#2	.2949210	.0031154	.0051207	2025.568	.0722457	.0743856
#3	.2960471	.0030956	.0048407	2044.778	.0719248	.0744671

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1186282	89.70484	5.839048	F 1127.616	.1473006	-.000445
Stddev	.0022631	.75973	.055365	9.226	.0010026	.000144
%RSD	1.907699	.8469227	.9481922	.8181898	.6806206	32.42011
#1	.1160321	90.57043	5.899986	1138.221	.1467547	-.000448
#2	.1201842	89.14852	5.825322	1123.189	.1484577	-.000299
#3	.1196685	89.39557	5.791837	1121.438	.1466896	-.000587

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.405508	.0978600	.4481145	6.284789	6.223744	.0622982
Stddev	.195694	.0066572	.0108269	.046181	.009934	.0014547
%RSD	4.442031	6.802764	2.416102	.7348020	.1596188	2.335094
#1	4.182755	.0983801	.4552312	6.335083	6.213388	.0635309
#2	4.549779	.1042418	.4356546	6.244294	6.233194	.0626701
#3	4.483990	.0909580	.4534576	6.274990	6.224651	.0606936

Sample Name: J5319-08 Acquired: 10/15/2018 13:40:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACG2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052450	46.90709	1.257156	.0006123	.0706075	.0641185
Stddev	.0000353	.06943	.006853	.0008412	.0020851	.0024550
%RSD	.6734410	.1480179	.5450983	137.3773	2.953008	3.828860
#1	.0052554	46.83395	1.257871	.0012541	.0695849	.0656463
#2	.0052056	46.97210	1.249974	.0009228	.0730065	.0654226
#3	.0052739	46.91523	1.263624	-.000340	.0692312	.0612867

Elem	Sr4077
Units	ppm
Avg	.7030049
Stddev	.0013603
%RSD	.1934929
#1	.7025633
#2	.7019202
#3	.7045310

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1967.946	2085.784	47893.81	4735.137	2608.231
Stddev	3.483	2.016	49.61	8.498	2.538
%RSD	.1769830	.0966415	.1035846	.1794566	.0972896
#1	1969.734	2087.666	47859.43	4729.727	2611.159
#2	1963.933	2086.030	47871.31	4744.931	2606.862
#3	1970.173	2083.657	47950.68	4730.752	2606.671

Sample Name: J5319-09LX5 Acquired: 10/15/2018 13:48:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACG3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117268	.0037407	.0610969	-.005898	.0000478	21.14788	.2933889
Stddev	.0043466	.0011201	.0019563	.000988	.0008588	.03434	.0007484
%RSD	37.06526	29.94461	3.201907	16.75167	1798.036	.1623593	.2550861
#1	.0121013	.0024762	.0609337	-.006176	-.000512	21.12319	.2937942
#2	.0158741	.0046085	.0631297	-.006718	.001037	21.18709	.2925253
#3	.0072051	.0041374	.0592274	-.004801	-.000382	21.13335	.2938473

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017836	.0001535	13.18078	.0310675	.0281433	.0255498	43.26912
Stddev	.0000321	.0000456	.02942	.0005108	.0003118	.0023712	.19574
%RSD	1.800940	29.72339	.2231968	1.644313	1.107784	9.280680	.4523710
#1	.0018204	.0001267	13.14871	.0309703	.0279533	.0229369	43.13515
#2	.0017690	.0002062	13.18712	.0316200	.0285031	.0275649	43.17845
#3	.0017613	.0001276	13.20652	.0306123	.0279734	.0261475	43.49375

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.506816	7.048861	.0256913	.0011800	.1365173	.0732898	.0547771
Stddev	.006112	.083677	.0003825	.0000263	.2383803	.0033397	.0079535
%RSD	.1742834	1.187097	1.488967	2.227050	174.6155	4.556814	14.51981
#1	3.508386	7.141333	.0253254	.0011560	.0355372	.0770953	.0496239
#2	3.500073	7.026885	.0260885	.0011760	-.034753	.0708464	.0507703
#3	3.511990	6.978365	.0256600	.0012081	.408767	.0719278	.0639372

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.074124	.4534553	.0192013	.0007533	.5644922	.4454720	-.000765
Stddev	.026789	.0019334	.0012605	.0001430	.0010655	.0029331	.000294
%RSD	2.494061	.4263768	6.564445	18.97722	.1887589	.6584332	38.39891
#1	1.094558	.4551977	.0179090	.0009108	.5633752	.4426737	-.000471
#2	1.043795	.4537928	.0204273	.0006318	.5646038	.4485236	-.000766
#3	1.084020	.4513753	.0192678	.0007172	.5654975	.4452187	-.001059

Sample Name: J5319-09LX5 Acquired: 10/15/2018 13:48:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACG3L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1607504	.0017172	.0153675
Stddev	.0011374	.0019031	.0001773
%RSD	.7075305	110.8273	1.153755
#1	.1595880	.0037930	.0151629
#2	.1608025	.0013039	.0154770
#3	.1618609	.0000547	.0154626

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2200.479	2445.026	50552.30	4933.757	3532.565
Stddev	3.532	5.127	87.22	19.435	4.839
%RSD	.1604995	.2096856	.1725334	.3939196	.1369805
#1	2200.539	2450.376	50460.58	4955.780	3537.749
#2	2203.980	2440.156	50562.13	4926.480	3528.167
#3	2196.918	2444.546	50634.19	4919.010	3531.779

Sample Name: J5319-12 Acquired: 10/15/2018 13:52:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACG4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0436264	.0174671	.5533877	-.020656	.0050260	100.0720	2.327495
Stddev	.0046337	.0037084	.0021852	.000304	.0011027	.4979	.003579
%RSD	10.62141	21.23089	.3948756	1.471516	21.93955	.4975108	.1537542
#1	.0401195	.0210407	.5517350	-.020899	.0042311	99.7033	2.324027
#2	.0488795	.0177236	.5525629	-.020753	.0045621	100.6383	2.327284
#3	.0418801	.0136371	.5558653	-.020315	.0062848	99.8743	2.331174

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080347	.0030399	26.52308	.1202149	.2172950	.1601289	202.0889
Stddev	.0001036	.0001515	.27346	.0002784	.0007516	.0008257	1.1417
%RSD	1.288858	4.982411	1.031027	.2315590	.3458977	.5156269	.5649729
#1	.0079651	.0032051	26.36884	.1202844	.2164511	.1594818	201.3441
#2	.0081537	.0030069	26.83882	.1199083	.2178926	.1610588	203.4034
#3	.0079853	.0029076	26.36159	.1204519	.2175412	.1598461	201.5191

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.69080	12.32544	.2058257	.0029147	.3660785	.3613253	.3053599
Stddev	.24358	.07472	.0004756	.0002363	.2661320	.0079583	.0155717
%RSD	.8489678	.6062603	.2310826	8.108579	72.69806	2.202518	5.099451
#1	28.46007	12.30575	.2052874	.0026889	.6733780	.3608120	.3109111
#2	28.94545	12.40803	.2061893	.0031603	.2136634	.3695278	.2877733
#3	28.66687	12.26252	.2060003	.0028948	.2111942	.3536361	.3173953

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.160765	3.466385	.0951977	.0048439	2.661300	1.987398	.0045247
Stddev	.051804	.014680	.0016069	.0001903	.025574	.020602	.0008673
%RSD	.6347952	.4234967	1.688000	3.928134	.9609457	1.036630	19.16850
#1	8.176508	3.450212	.0957654	.0046832	2.631778	1.982644	.0048210
#2	8.202872	3.478868	.0933840	.0047943	2.675485	2.009961	.0052050
#3	8.102916	3.470074	.0964438	.0050540	2.676638	1.969588	.0035481

Sample Name: J5319-12 Acquired: 10/15/2018 13:52:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACG4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9766151	.0445898	.0810131
Stddev	.0060636	.0019832	.0001930
%RSD	.6208758	4.447729	.2381679
#1	.9739580	.0451255	.0811248
#2	.9835536	.0423937	.0807903
#3	.9723337	.0462501	.0811243

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2380.087	2649.627	55477.84	5454.743	3443.878
Stddev	10.044	2.292	55.64	44.712	3.424
%RSD	.4219844	.0864967	.1003004	.8196899	.0994104
#1	2391.683	2648.931	55531.57	5478.038	3445.202
#2	2374.426	2652.186	55481.49	5403.194	3439.990
#3	2374.152	2647.763	55420.46	5482.998	3446.442

Sample Name: J5319-11 Acquired: 10/15/2018 13:56:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACG3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1122967	.0999538	.3619858	.0616499	.1855434	106.8174	5.349433
Stddev	.0024771	.0016738	.0037830	.0034593	.0036482	.2519	.014509
%RSD	2.205837	1.674529	1.045061	5.611127	1.966208	.2357878	.2712220
#1	.1134995	.1007498	.3611976	.0609512	.1895503	107.0151	5.341177
#2	.1094479	.0980306	.3586590	.0585933	.1824140	106.9032	5.366186
#3	.1139427	.1010811	.3661008	.0654052	.1846658	106.5338	5.340937

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0940521	.0986632	63.50590	.5191604	1.197680	.6011893	210.2848
Stddev	.0003905	.0004243	.27886	.0014977	.001243	.0066285	1.3198
%RSD	.4151730	.4300726	.4391055	.2884828	.1038195	1.102568	.6276014
#1	.0944965	.0982861	63.82294	.5198931	1.196873	.6054556	211.7840
#2	.0937642	.0991227	63.29863	.5174375	1.199111	.6045595	209.7716
#3	.0938955	.0985809	63.39612	.5201508	1.197054	.5935529	209.2987

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.61904	34.23067	1.192826	.0887776	1.677825	1.297770	1.230842
Stddev	.12075	.28385	.002515	.0003538	.127691	.014069	.016654
%RSD	.6853115	.8292253	.2108457	.3985037	7.610532	1.084124	1.353068
#1	17.75780	34.45534	1.190467	.0891393	1.531867	1.312238	1.225944
#2	17.53784	34.32500	1.195472	.0884323	1.732709	1.296936	1.249396
#3	17.56150	33.91166	1.192538	.0887611	1.768897	1.284136	1.217187

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.546966	2.423261	.0872645	.0044021	2.911095	2.100661	.0020036
Stddev	.030961	.010943	.0011477	.0001433	.002314	.015860	.0009399
%RSD	.5581576	.4515982	1.315150	3.254643	.0794977	.7549953	46.91059
#1	5.532893	2.411160	.0861274	.0045202	2.913727	2.114715	.0009216
#2	5.525541	2.432464	.0872437	.0042427	2.910177	2.103803	.0026177
#3	5.582463	2.426158	.0884224	.0044435	2.909381	2.083466	.0024714

Sample Name: J5319-11 Acquired: 10/15/2018 13:56:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACG3S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7742339	.0404835	.0739676
Stddev	.0014524	.0011025	.0001121
%RSD	.1875950	2.723361	.1515747
#1	.7741153	.0412035	.0740969
#2	.7728443	.0392142	.0738973
#3	.7757419	.0410326	.0739085

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2348.220	2603.507	54793.82	5406.378	3389.528
Stddev	8.162	3.302	247.19	25.809	2.927
%RSD	.3475754	.1268192	.4511266	.4773771	.0863680
#1	2346.242	2599.747	54760.64	5377.299	3390.135
#2	2357.189	2605.931	55055.92	5415.271	3392.104
#3	2341.229	2604.844	54564.90	5426.565	3386.345

Sample Name: J5319-13 Acquired: 10/15/2018 14:00:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACG5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0695957	.0054953	2.662806	-.020194	.0054093	62.70214	1.795550
Stddev	.0042362	.0028551	.002425	.003783	.0019685	.06330	.001969
%RSD	6.086885	51.95534	.0910586	18.73370	36.39086	.1009531	.1096477
#1	.0717663	.0084908	2.660485	-.020513	.0038672	62.65286	1.793668
#2	.0647142	.0051900	2.665323	-.023808	.0047341	62.68002	1.795387
#3	.0723068	.0028051	2.662609	-.016262	.0076265	62.77353	1.797596

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083600	.0045301	27.78221	.1507221	.2340929	.3198666	222.2573
Stddev	.0000281	.0001391	.03102	.0004217	.0002382	.0061416	.5260
%RSD	.3359993	3.069854	.1116703	.2798067	.1017620	1.920051	.2366601
#1	.0083533	.0046762	27.78016	.1511868	.2342027	.3269163	221.8346
#2	.0083359	.0045146	27.75226	.1503636	.2338196	.3156739	222.0910
#3	.0083909	.0043994	27.81421	.1506160	.2342565	.3170097	222.8464

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.98020	12.04248	.2441280	.0039304	.4243543	.3026408	1.303591
Stddev	.04208	.06528	.0001978	.0004098	.1881413	.0014250	.004715
%RSD	.2633206	.5420584	.0810377	10.42588	44.33590	.4708616	.3617155
#1	15.96114	11.97448	.2442850	.0037116	.5164244	.3028001	1.306966
#2	15.95103	12.04831	.2441931	.0036765	.5487289	.3011429	1.305604
#3	16.02844	12.10465	.2439058	.0044031	.2079095	.3039795	1.298204

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.096443	4.618126	.1071623	.0073882	1.337213	1.567603	.1432669
Stddev	.012531	.014108	.0023383	.0003236	.006294	.001745	.0002691
%RSD	.2458802	.3054902	2.182039	4.379832	.4707095	.1112937	.1877969
#1	5.108535	4.610915	.1062146	.0077614	1.330648	1.569142	.1435670
#2	5.083514	4.609081	.1054466	.0071863	1.337794	1.567958	.1430472
#3	5.097280	4.634382	.1098257	.0072168	1.343197	1.565708	.1431864

Sample Name: J5319-13 Acquired: 10/15/2018 14:00:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACG5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6748248	.0248370	.0690785
Stddev	.0012681	.0014889	.0001225
%RSD	.1879119	5.994845	.1772789
#1	.6733655	.0239299	.0689392
#2	.6754505	.0265554	.0691694
#3	.6756585	.0240256	.0691267

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2406.595	2671.287	55683.96	5507.348	3468.573
Stddev	4.218	1.438	158.67	12.176	3.872
%RSD	.1752882	.0538312	.2849417	.2210940	.1116181
#1	2409.596	2669.638	55823.60	5504.888	3471.865
#2	2401.771	2671.948	55511.43	5496.590	3464.308
#3	2408.416	2672.276	55716.86	5520.567	3469.547

Sample Name: J5319-14 Acquired: 10/15/2018 14:04:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACG6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0718106	.0064386	2.034929	-.018946	.0041397	68.60529	1.825047
Stddev	.0055309	.0015926	.003222	.000082	.0002872	.10242	.002948
%RSD	7.702112	24.73575	.1583188	.4306016	6.937643	.1492900	.1615163
#1	.0751135	.0073341	2.034314	-.019038	.0039041	68.70587	1.824578
#2	.0654253	.0045998	2.032060	-.018883	.0044596	68.60888	1.822362
#3	.0748929	.0073819	2.038414	-.018916	.0040555	68.50112	1.828201

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090227	.0041059	22.61709	.1322541	.1822423	.2526591	199.5268
Stddev	.0001379	.0000837	.12911	.0015445	.0011093	.0066811	1.1814
%RSD	1.528197	2.037911	.5708333	1.167817	.6086712	2.644302	.5921238
#1	.0089094	.0040223	22.69573	.1310537	.1814891	.2589186	200.8200
#2	.0091762	.0041059	22.68744	.1317121	.1817216	.2456242	199.2566
#3	.0089825	.0041896	22.46808	.1339965	.1835161	.2534346	198.5039

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.26467	8.383298	.1885214	.0034462	.5992939	.3079864	.8679640
Stddev	.12306	.063129	.0005003	.0005314	.1967110	.0041251	.0074132
%RSD	.7566275	.7530290	.2653935	15.42094	32.82379	1.339377	.8540869
#1	16.39533	8.436250	.1884603	.0036919	.3950144	.3111515	.8652188
#2	16.24770	8.400208	.1880544	.0028364	.6154243	.3033211	.8623150
#3	16.15097	8.313437	.1890494	.0038103	.7874431	.3094865	.8763582

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.086848	5.820591	.0987646	.0065432	1.442547	4.034189	.0596359
Stddev	.062643	.006120	.0011684	.0001145	.003689	.026728	.0005156
%RSD	1.231475	.1051376	1.183058	1.750227	.2557027	.6625403	.8646670
#1	5.034477	5.825501	.0992784	.0064721	1.440729	4.041688	.0598872
#2	5.156244	5.822538	.0974273	.0066753	1.446792	4.056367	.0590427
#3	5.069825	5.813735	.0995881	.0064822	1.440122	4.004512	.0599777

Sample Name: J5319-14 Acquired: 10/15/2018 14:04:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACG6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6207143	.0296601	.0907532
Stddev	.0054547	.0013514	.0000826
%RSD	.8787830	4.556170	.0909774
#1	.6267230	.0281487	.0907160
#2	.6160742	.0307520	.0906958
#3	.6193458	.0300795	.0908478

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2458.192	2736.026	57108.83	5638.706	3454.402
Stddev	3.837	5.579	63.13	35.733	3.435
%RSD	.1560760	.2039166	.1105470	.6337037	.0994309
#1	2455.528	2732.142	57069.29	5632.947	3452.038
#2	2462.590	2733.518	57181.64	5606.203	3452.826
#3	2456.459	2742.420	57075.56	5676.968	3458.342

Sample Name: J5319-15 Acquired: 10/15/2018 14:08:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACG7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0461504	.0189181	1.315883	-.027524	.0059828	129.1670
Stddev	.0050976	.0034202	.004442	.004024	.0008442	.0838
%RSD	11.04552	18.07902	.3375624	14.61881	14.10969	.0648595
#1	.0495025	.0220711	1.312074	-.023948	.0054536	129.2638
#2	.0402842	.0194012	1.314812	-.031881	.0069563	129.1180
#3	.0486646	.0152821	1.320762	-.026743	.0055384	129.1193

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.407467	.0133758	.0068199	24.91494	.2016564	.2618332
Stddev	.002537	.0000985	.0001561	.10263	.0010521	.0011522
%RSD	.1053625	.7362298	2.289448	.4119204	.5217308	.4400386
#1	2.410057	.0132874	.0067227	24.79869	.2017915	.2611996
#2	2.407356	.0134819	.0067370	24.95316	.2005433	.2611369
#3	2.404988	.0133579	.0070000	24.99298	.2026344	.2631631

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2509169	280.3876	F 32.09882	13.56089	.2550493	.0041391
Stddev	.0032275	.4213	.07535	.08458	.0011960	.0006464
%RSD	1.286293	.1502712	.2347378	.6236868	.4689216	15.61729
#1	.2478509	280.1386	32.01326	13.46792	.2537513	.0041939
#2	.2506152	280.1502	32.15528	13.58147	.2552899	.0047564
#3	.2542847	280.8741	32.12792	13.63327	.2561067	.0034671

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8280269	.4250815	.4736122	6.728446	3.738209	.1122905
Stddev	.1260797	.0045458	.0074004	.084830	.005010	.0025176
%RSD	15.22652	1.069394	1.562534	1.260771	.1340301	2.242031
#1	.7879270	.4251853	.4706738	6.684269	3.734533	.1145637
#2	.9692795	.4295746	.4681324	6.674821	3.743916	.1095846
#3	.7268742	.4204848	.4820305	6.826248	3.736178	.1127232

Sample Name: J5319-15 Acquired: 10/15/2018 14:08:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACG7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079035	1.326458	1.682580	.0092073	.8931200	.0569407
Stddev	.0001630	.006272	.010268	.0005333	.0036658	.0005919
%RSD	2.062566	.4728667	.6102819	5.791897	.4104481	1.039537
#1	.0078008	1.331576	1.679029	.0094909	.8973058	.0574978
#2	.0080914	1.328337	1.694153	.0085922	.8915724	.0563192
#3	.0078182	1.319461	1.674558	.0095389	.8904818	.0570051

Elem	Sr4077
Units	ppm
Avg	.0836103
Stddev	.0002678
%RSD	.3203492
#1	.0838200
#2	.0833086
#3	.0837023

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2557.857	2825.829	59324.45	5855.741	3406.993
Stddev	9.689	2.719	267.02	16.427	9.377
%RSD	.3788043	.0962056	.4500971	.2805252	.2752372
#1	2563.187	2825.094	59116.18	5865.844	3408.054
#2	2563.710	2823.553	59625.47	5836.787	3415.795
#3	2546.673	2828.839	59231.69	5864.593	3397.131

Sample Name: J5319-16 Acquired: 10/15/2018 14:12:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACG8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0425776	-.001859	5.188837	-.016607	.0055531	70.40342	.5081630
Stddev	.0007548	.000887	.002929	.000676	.0025275	.29115	.0008239
%RSD	1.772846	47.69460	.0564430	4.068212	45.51451	.4135487	.1621299
#1	.0419508	-.000993	5.187710	-.016015	.0026384	70.37443	.5081558
#2	.0423666	-.002765	5.186639	-.017343	.0071393	70.12786	.5073427
#3	.0434155	-.001821	5.192161	-.016464	.0068815	70.70799	.5089904

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048060	.0023619	140.2643	.1281511	.2997052	.4679267	170.7511
Stddev	.0000641	.0001032	.9444	.0009241	.0010934	.0053112	.9965
%RSD	1.333180	4.369392	.6732800	.7211418	.3648073	1.135044	.5835915
#1	.0048740	.0022610	140.2807	.1271614	.2984795	.4707708	171.0905
#2	.0047970	.0024673	139.3119	.1289916	.3000560	.4617991	169.6292
#3	.0047468	.0023575	141.2004	.1283003	.3005802	.4712101	171.5335

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.145630	68.94878	.2318775	.0031847	.6223045	.2710832	.7119755
Stddev	.046121	.57740	.0005637	.0001637	.4047030	.0037874	.0149239
%RSD	.8963051	.8374373	.2431042	5.140677	65.03294	1.397120	2.096122
#1	5.153019	69.17880	.2318132	.0031309	.5058660	.2672242	.7130214
#2	5.096261	68.29182	.2324706	.0030546	1.072463	.2712307	.7263489
#3	5.187610	69.37573	.2313487	.0033685	.288585	.2747946	.6965562

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.878514	2.178065	.0739486	.0050310	1.739444	7.916980	.0032040
Stddev	.070498	.005326	.0015165	.0000732	.010306	.030741	.0019157
%RSD	3.752859	.2445508	2.050737	1.455601	.5924872	.3882861	59.79009
#1	1.857810	2.174971	.0734405	.0049698	1.737008	7.938700	.0050377
#2	1.957045	2.184215	.0727514	.0050111	1.750750	7.881807	.0012157
#3	1.820686	2.175008	.0756539	.0051122	1.730574	7.930435	.0033584

Sample Name: J5319-16 Acquired: 10/15/2018 14:12:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACG8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6168580	.0271057	.0698398
Stddev	.0025380	.0019706	.0001650
%RSD	.4114469	7.270157	.2362159
#1	.6190384	.0261411	.0699208
#2	.6140719	.0293728	.0696499
#3	.6174637	.0258032	.0699485

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2193.239	2417.447	51265.76	5078.644	3314.468
Stddev	8.819	1.811	41.52	25.055	5.488
%RSD	.4021094	.0748942	.0809817	.4933422	.1655640
#1	2184.011	2419.297	51229.52	5058.904	3314.231
#2	2194.122	2415.679	51256.70	5106.831	3309.103
#3	2201.583	2417.365	51311.05	5070.197	3320.070

Sample Name: J5319-17 Acquired: 10/15/2018 14:16:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACG9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0463589	-.003542	2.579249	-.019276	.0066671	131.4423	.4743168
Stddev	.0039531	.002602	.004172	.003694	.0016138	.1738	.0011014
%RSD	8.527153	73.45277	.1617542	19.16599	24.20514	.1322221	.2322146
#1	.0445224	-.005946	2.583729	-.022799	.0079953	131.3503	.4731759
#2	.0436581	-.000779	2.578543	-.015431	.0048711	131.6428	.4744006
#3	.0508962	-.003903	2.575475	-.019598	.0071349	131.3339	.4753739

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049023	.0011889	67.05219	.1384726	.1671516	.2070359	227.4461
Stddev	.0001133	.0000505	.14627	.0003967	.0007786	.0060736	.3131
%RSD	2.311163	4.250606	.2181425	.2864431	.4658031	2.933622	.1376374
#1	.0048164	.0012384	67.17509	.1388140	.1677817	.2085325	227.7132
#2	.0050307	.0011374	67.09108	.1380375	.1662811	.2003538	227.1016
#3	.0048597	.0011909	66.89041	.1385662	.1673918	.2122213	227.5234

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.024199	31.70789	.1467160	.0036675	.7051651	.3682409	.3633946
Stddev	.007454	.06287	.0003963	.0007202	.0621838	.0034130	.0124423
%RSD	.2464719	.1982931	.2701312	19.63638	8.818338	.9268381	3.423903
#1	3.032766	31.63650	.1462718	.0028452	.6495903	.3683610	.3614623
#2	3.020631	31.73214	.1470334	.0041861	.6935772	.3647695	.3766900
#3	3.019200	31.75502	.1468429	.0039713	.7723278	.3715923	.3520316

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.412653	1.506070	.0936981	.0063352	1.111239	11.81945	.0042393
Stddev	.024048	.006159	.0001844	.0002473	.003625	.04905	.0014754
%RSD	.9967626	.4089472	.1967661	3.902998	.3261988	.4149847	34.80407
#1	2.388404	1.506913	.0938880	.0060506	1.112380	11.84304	.0025369
#2	2.413058	1.511764	.0935198	.0064969	1.114157	11.85226	.0051487
#3	2.436496	1.499533	.0936865	.0064581	1.107182	11.76307	.0050323

Sample Name: J5319-17 Acquired: 10/15/2018 14:16:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACG9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6167549	.0435749	.0485311
Stddev	.0015575	.0014630	.0001671
%RSD	.2525258	3.357339	.3442697
#1	.6150208	.0428333	.0484569
#2	.6180347	.0426313	.0484140
#3	.6172092	.0452602	.0487225

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2220.332	2449.696	51741.87	5118.135	3376.924
Stddev	7.781	2.172	95.71	22.492	2.058
%RSD	.3504314	.0886804	.1849702	.4394551	.0609492
#1	2211.400	2451.200	51631.55	5107.845	3378.112
#2	2225.639	2450.683	51791.43	5102.628	3378.113
#3	2223.956	2447.205	51802.64	5143.931	3374.548

Sample Name: CCV066 Acquired: 10/15/2018 14:20:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV066 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.082207	5.075189	25.54034	4.804023	5.231590	417.7827
Stddev	.013234	.009692	.03525	.012359	.010047	.8769
%RSD	.2603892	.1909753	.1379997	.2572538	.1920409	.2098927
#1	5.073399	5.072474	25.53287	4.794546	5.221129	418.5748
#2	5.075797	5.067144	25.50944	4.818001	5.232475	417.9328
#3	5.097425	5.085949	25.57873	4.799522	5.241164	416.8404

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.58477	.4895392	2.455656	416.3189	15.30428	2.622187
Stddev	.02211	.0025921	.004263	1.3225	.01506	.005332
%RSD	.2088384	.5294989	.1735911	.3176611	.0984154	.2033298
#1	10.60295	.4924961	2.452240	417.6856	15.28940	2.618449
#2	10.59120	.4876586	2.454295	416.2255	15.31952	2.619820
#3	10.56016	.4884629	2.460433	415.0455	15.30393	2.628292

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.32366	411.6857	15.15110	404.4621	2.615089	1.299510
Stddev	.01355	.3171	.06911	.8338	.005421	.004369
%RSD	.0884276	.0770181	.4561250	.2061607	.2073128	.3361700
#1	15.30856	412.0486	15.21827	405.2687	2.615455	1.303623
#2	15.32764	411.5458	15.15482	404.5140	2.609494	1.294924
#3	15.33477	411.4626	15.08021	403.6034	2.620318	1.299982

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	412.7445	2.546266	15.71470	160.7093	F 30.39457	4.773936
Stddev	1.2872	.013334	.05012	.1918	.21092	.005699
%RSD	.3118652	.5236736	.3189060	.1193199	.6939528	.1193697
#1	413.9586	2.561604	15.67487	160.8764	30.60206	4.779418
#2	412.8798	2.537434	15.69827	160.7515	30.40127	4.768043
#3	411.3949	2.539761	15.77097	160.4999	30.18037	4.774347

Sample Name: CCV066 Acquired: 10/15/2018 14:20:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV066 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.926715	30.43882	4.970267	5.188715	5.106314	5.266838
Stddev	.010408	.22656	.028009	.007063	.014366	.010796
%RSD	.2112589	.7443195	.5635279	.1361294	.2813289	.2049809
#1	4.914847	30.65254	5.002527	5.183563	5.122764	5.278735
#2	4.934292	30.46263	4.956127	5.185815	5.099931	5.264116
#3	4.931004	30.20130	4.952146	5.196767	5.096245	5.257664

Elem	Sr4077
Units	ppm
Avg	5.006712
Stddev	.003166
%RSD	.0632304
#1	5.008701
#2	5.003062
#3	5.008374

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1898.812	2017.889	46540.53	4610.560	2801.102
Stddev	8.073	1.144	100.64	26.989	4.139
%RSD	.4251499	.0566888	.2162514	.5853690	.1477794
#1	1890.307	2017.187	46424.94	4579.446	2797.598
#2	1906.368	2017.271	46608.77	4627.645	2805.670
#3	1899.760	2019.209	46587.87	4624.590	2800.037

Sample Name: CCB066 Acquired: 10/15/2018 14:25:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CC 066 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003746	.0006305	.0002444	-.003008	-.000788	.0064536	-.003238
Stddev	.000929	.0031264	.0011039	.003937	.001249	.0069693	.000471
%RSD	24.81168	495.8397	451.6724	130.8949	158.3943	107.9906	14.53827
#1	-.004646	.0037065	.0008835	-.005352	-.001873	-.001593	-.003298
#2	-.003802	.0007290	-.001030	-.005210	.000577	.010584	-.002740
#3	-.002790	-.002544	.000880	.001538	-.001069	.010369	-.003675

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000014	.0001482	.0100152	.0002034	.0001546	.0034810	-.006694
Stddev	.000051	.0000230	.0123111	.0003759	.0000872	.0048164	.008168
%RSD	355.2319	15.52172	122.9237	184.7830	56.40484	138.3623	122.0317
#1	.000039	.0001563	.0217752	.0001798	.0001939	.0057345	.001445
#2	-.000018	.0001660	.0110518	-.000160	.0000547	.0067577	-.006635
#3	-.000064	.0001222	-.002781	.000590	.0002153	-.002049	-.014892

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003027	-.019628	-.000080	.0009782	-.115472	.0011774	-.008406
Stddev	.0003740	.030996	.000194	.0002382	.242267	.0052341	.006376
%RSD	123.5411	157.9172	243.4027	24.35310	209.8066	444.5343	75.85483
#1	-.000033	-.040564	.000072	.0012514	.103016	-.000170	-.009690
#2	.000706	-.034299	-.000299	.0008140	-.073419	.006954	-.001485
#3	.000236	.015980	-.000012	.0008692	-.376012	-.003251	-.014042

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0909140	-.002377	.0026349	-.000064	-.001086	-.002231	-.000334
Stddev	.0648763	.001215	.0003515	.000266	.002025	.001165	.000631
%RSD	71.36004	51.09437	13.33892	412.9693	186.5284	52.21631	188.5989
#1	.1567708	-.001008	.0023742	.000192	.001175	-.003404	.000220
#2	.0270648	-.002799	.0030346	-.000339	-.001698	-.002214	-.001021
#3	.0889064	-.003324	.0024959	-.000046	-.002733	-.001074	-.000202

Sample Name: CCB066 Acquired: 10/15/2018 14:25:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CC 066 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008280	-.003316	-.000013
Stddev	.0006703	.000262	.000092
%RSD	80.95431	7.890084	719.7983
#1	.0016014	-.003392	-.000093
#2	.0004155	-.003531	-.000034
#3	.0004671	-.003024	.000088

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2146.574	2403.304	49074.57	4794.183	3538.372
Stddev	7.257	5.667	201.25	19.869	8.196
%RSD	.3380748	.2358084	.4100829	.4144426	.2316395
#1	2150.565	2396.995	49011.42	4771.440	3529.389
#2	2138.197	2404.955	48912.47	4808.170	3540.287
#3	2150.959	2407.963	49299.82	4802.940	3545.442

Sample Name: J5319-18 Acquired: 10/15/2018 14:30:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACH0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0599450	-.002384	4.216528	-.015329	.0094669	77.09926	.7136740
Stddev	.0019312	.000595	.003560	.004862	.0017073	.16669	.0010843
%RSD	3.221546	24.95213	.0844300	31.71563	18.03383	.2161971	.1519306
#1	.0579894	-.002710	4.216408	-.010401	.0075361	77.17363	.7144300
#2	.0599948	-.001698	4.213030	-.020122	.0100878	76.90834	.7124317
#3	.0618507	-.002745	4.220147	-.015464	.0107769	77.21582	.7141603

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057238	.0018216	95.56141	.1252180	.1327258	3.722637	172.1568
Stddev	.0000677	.0000772	.43798	.0006984	.0001143	.014831	.8675
%RSD	1.183544	4.238852	.4583233	.5577555	.0861065	.3983948	.5038982
#1	.0057958	.0017631	95.60106	.1244316	.1326126	3.729154	172.4836
#2	.0057143	.0017925	95.10495	.1257661	.1328411	3.705664	171.1733
#3	.0056613	.0019091	95.97822	.1254562	.1327236	3.733093	172.8134

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.578657	45.70051	.1594045	.0038459	.2922205	.2737001	.5264518
Stddev	.020266	.35496	.0001895	.0005147	.1016362	.0074993	.0056463
%RSD	.4426266	.7767137	.1188590	13.38240	34.78066	2.739958	1.072519
#1	4.590697	45.88796	.1593006	.0033543	.2516062	.2692321	.5207533
#2	4.555259	45.29112	.1596232	.0043809	.4078837	.2823580	.5265578
#3	4.590015	45.92246	.1592897	.0038027	.2171715	.2695102	.5320444

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.591172	3.053461	.0743352	.0065219	4.468555	6.835498	.0023125
Stddev	.085521	.014388	.0030674	.0002935	.018145	.075898	.0006961
%RSD	3.300480	.4711906	4.126421	4.500511	.4060600	1.110355	30.10310
#1	2.585278	3.055200	.0758767	.0066321	4.465870	6.858943	.0015087
#2	2.508750	3.066900	.0763261	.0067444	4.487893	6.750643	.0027197
#3	2.679488	3.038283	.0708028	.0061893	4.451902	6.896907	.0027091

Sample Name: J5319-18 Acquired: 10/15/2018 14:30:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACH0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4960150	.0331054	.0624183
Stddev	.0012650	.0012739	.0002103
%RSD	.2550288	3.847870	.3368691
#1	.4947289	.0326430	.0624621
#2	.4960584	.0321274	.0621896
#3	.4972577	.0345459	.0626032

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2208.149	2443.451	51501.62	5100.685	3367.539
Stddev	20.043	5.248	177.89	25.989	6.409
%RSD	.9076611	.2147619	.3454143	.5095184	.1903291
#1	2207.576	2447.453	51493.03	5102.963	3373.456
#2	2188.400	2445.390	51328.17	5125.459	3368.431
#3	2228.472	2437.510	51683.65	5073.632	3360.730

Sample Name: J5319-09 Acquired: 10/15/2018 14:36:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACG3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0493225	.0043714	.3307475	-.019475	.0059142	103.9663	1.475536
Stddev	.0026343	.0031789	.0012188	.001911	.0014722	.1791	.002534
%RSD	5.341048	72.71916	.3684913	9.811696	24.89182	.1722208	.1717629
#1	.0499441	.0033651	.3293663	-.021652	.0066286	103.7713	1.472887
#2	.0464329	.0018175	.3316715	-.018699	.0068929	104.1232	1.477937
#3	.0515904	.0079316	.3312049	-.018075	.0042212	104.0046	1.475783

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084195	.0023179	63.59752	.1523930	.1555082	.1325887	208.3487
Stddev	.0000357	.0001268	.29799	.0011977	.0007508	.0033921	.2766
%RSD	.4241904	5.471854	.4685494	.7859084	.4828082	2.558375	.1327525
#1	.0084575	.0022575	63.26046	.1533989	.1557588	.1316204	208.3570
#2	.0084145	.0022325	63.82597	.1510681	.1561017	.1297861	208.6211
#3	.0083865	.0024636	63.70612	.1527120	.1546642	.1363597	208.0681

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.77476	33.99837	.1401148	.0037713	1.517018	.3463365	.2849140
Stddev	.00720	.16393	.0014192	.0004438	.250407	.0038457	.0157797
%RSD	.0429156	.4821614	1.012876	11.76772	16.50651	1.110405	5.538392
#1	16.77304	34.14514	.1385273	.0042735	1.459162	.3496692	.2675202
#2	16.76858	33.82147	.1412606	.0036088	1.300603	.3472116	.2889113
#3	16.78267	34.02850	.1405564	.0034317	1.791288	.3421286	.2983107

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.626391	2.488366	.0762060	.0041024	2.970153	2.176445	.0025869
Stddev	.049214	.005616	.0043766	.0001493	.015227	.011914	.0006250
%RSD	.8747044	.2256815	5.743146	3.638669	.5126517	.5474099	24.16160
#1	5.681688	2.482188	.0713411	.0039406	2.979340	2.189141	.0019112
#2	5.610086	2.493162	.0774532	.0042347	2.978542	2.174688	.0031443
#3	5.587398	2.489749	.0798236	.0041321	2.952577	2.165508	.0027053

Sample Name: J5319-09 Acquired: 10/15/2018 14:36:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACG3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7854396	.0396386	.0742776
Stddev	.0043510	.0007542	.0002157
%RSD	.5539507	1.902740	.2904296
#1	.7855793	.0388493	.0744760
#2	.7897190	.0397148	.0743089
#3	.7810205	.0403519	.0740479

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2353.281	2604.527	54827.86	5409.213	3370.636
Stddev	7.965	2.675	91.91	10.971	5.075
%RSD	.3384519	.1026926	.1676303	.2028232	.1505572
#1	2360.992	2602.057	54856.76	5397.038	3366.316
#2	2345.085	2607.368	54724.97	5412.271	3369.367
#3	2353.767	2604.158	54901.85	5418.331	3376.225

Sample Name: J5319-19 Acquired: 10/15/2018 14:40:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACH1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0191640	-.003377	1.254073	-.008570	.0042965	70.81804	.6185064
Stddev	.0015344	.001892	.004957	.002102	.0005763	.23576	.0022043
%RSD	8.006604	56.03693	.3952899	24.52570	13.41377	.3329088	.3563910
#1	.0175141	-.003713	1.251015	-.009539	.0049067	70.55544	.6159617
#2	.0194297	-.001339	1.251411	-.010013	.0042215	70.88717	.6197326
#3	.0205482	-.005079	1.259793	-.006159	.0037614	71.01151	.6198250

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047015	.0012575	36.37258	.1066117	.0850026	.3659567	134.3110
Stddev	.0000634	.0001071	.19576	.0006999	.0001704	.0068990	.5100
%RSD	1.348903	8.518125	.5382035	.6564867	.2005111	1.885201	.3796957
#1	.0046777	.0012649	36.18038	.1073440	.0848285	.3580913	133.8685
#2	.0047733	.0011468	36.36567	.1065416	.0850101	.3687945	134.1958
#3	.0046533	.0013606	36.57171	.1059495	.0851691	.3709842	134.8688

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.930474	19.30373	.0923371	.0026877	.2184213	.2505095	.3824169
Stddev	.020643	.08954	.0003581	.0004387	.3506174	.0037554	.0148910
%RSD	.7044358	.4638721	.3877607	16.32174	160.5235	1.499096	3.893905
#1	2.906642	19.21480	.0919579	.0028523	.4843343	.2462663	.3817757
#2	2.941990	19.30252	.0923842	.0021905	.3498512	.2518571	.3678570
#3	2.942790	19.39388	.0926693	.0030203	-.178922	.2534052	.3976182

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.663502	1.503055	.0546352	.0046743	.8365406	5.654830	.0038373
Stddev	.031115	.001844	.0002614	.0001916	.0026406	.010234	.0017161
%RSD	1.870429	.1226639	.4784322	4.099060	.3156508	.1809725	44.72142
#1	1.680225	1.501162	.0546261	.0047298	.8337958	5.661632	.0043674
#2	1.682678	1.504846	.0549010	.0044611	.8390628	5.643060	.0052258
#3	1.627601	1.503156	.0543784	.0048321	.8367632	5.659796	.0019187

Sample Name: J5319-19 Acquired: 10/15/2018 14:40:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACH1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4451596	.0295533	.0413155
Stddev	.0024235	.0010966	.0000524
%RSD	.5444190	3.710577	.1268965
#1	.4426655	.0306659	.0412707
#2	.4453074	.0295204	.0413732
#3	.4475058	.0284735	.0413027

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2248.601	2503.448	52054.32	5167.240	3437.641
Stddev	12.348	4.160	180.24	18.612	6.292
%RSD	.5491541	.1661600	.3462487	.3602007	.1830349
#1	2256.917	2503.422	52047.54	5164.129	3438.415
#2	2254.474	2507.621	52237.85	5187.213	3443.510
#3	2234.412	2499.301	51877.57	5150.380	3430.998

Sample Name: J5319-20 Acquired: 10/15/2018 14:44:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACH2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0321478	-.008802	6.260582	-.015067	.0027089	68.51463	1.013753
Stddev	.0013957	.003763	.006477	.001434	.0015382	.05287	.002660
%RSD	4.341346	42.75294	.1034613	9.519510	56.78323	.0771687	.2624317
#1	.0306450	-.005747	6.255994	-.013884	.0033532	68.48374	1.016781
#2	.0323952	-.007654	6.257762	-.014654	.0038202	68.48448	1.012687
#3	.0334032	-.013006	6.267992	-.016662	.0009533	68.57568	1.011791

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054554	.0050953	71.13939	.1101857	.2108154	.3078018	144.2886
Stddev	.0000626	.0000968	.34821	.0004978	.0008649	.0056358	.3097
%RSD	1.147092	1.899815	.4894716	.4518290	.4102567	1.830971	.2146375
#1	.0053992	.0052071	70.74391	.1105906	.2098262	.3103325	143.9383
#2	.0055229	.0050387	71.27432	.1096298	.2111911	.3117287	144.5262
#3	.0054442	.0050401	71.39993	.1103367	.2114288	.3013443	144.4013

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.816189	23.03228	.2322483	.0030644	.1895152	.2247823	.7695178
Stddev	.025051	.10716	.0006439	.0002562	.1653489	.0020837	.0175010
%RSD	.4307128	.4652438	.2772375	8.359021	87.24835	.9269919	2.274283
#1	5.790233	22.96932	.2318288	.0028237	.2291943	.2262853	.7874251
#2	5.818108	22.97153	.2319264	.0030359	.3314144	.2256580	.7686748
#3	5.840225	23.15601	.2329896	.0033337	.0079369	.2224037	.7524535

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.087633	4.313398	.0680475	.0060861	3.601930	9.967424	.0192356
Stddev	.042354	.007971	.0011490	.0001904	.006441	.053703	.0018651
%RSD	.5975728	.1848053	1.688469	3.128388	.1788089	.5387831	9.695900
#1	7.093637	4.316738	.0692960	.0063014	3.609109	9.907656	.0193327
#2	7.126664	4.304300	.0678117	.0059400	3.596658	9.982995	.0173239
#3	7.042597	4.319157	.0670347	.0060168	3.600024	10.01162	.0210503

Sample Name: J5319-20 Acquired: 10/15/2018 14:44:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACH2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9435345	.0378359	.1917646
Stddev	.0016739	.0010560	.0002310
%RSD	.1774058	2.791008	.1204686
#1	.9416029	.0386894	.1917488
#2	.9445602	.0366550	.1915418
#3	.9444403	.0381633	.1920030

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2763.128	3058.264	64380.15	6397.582	3380.081
Stddev	9.406	2.086	78.26	20.941	1.983
%RSD	.3404247	.0681980	.1215629	.3273191	.0586734
#1	2752.766	3056.038	64327.13	6419.625	3381.259
#2	2765.491	3058.583	64343.29	6377.954	3381.192
#3	2771.129	3060.173	64470.04	6395.167	3377.791

Sample Name: J5319-21 Acquired: 10/15/2018 14:48:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACH3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0332301	.0007742	.1991054	-.011154	.0023830	59.49570	1.238871
Stddev	.0029070	.0022513	.0016247	.001735	.0002681	.10877	.002261
%RSD	8.748211	290.8005	.8160222	15.55247	11.25248	.1828165	.1825368
#1	.0305934	-.001800	.1975999	-.012343	.0020837	59.50605	1.237392
#2	.0327494	.002375	.1988887	-.011954	.0026013	59.59893	1.237747
#3	.0363476	.001747	.2008276	-.009163	.0024640	59.38213	1.241474

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072526	.0018951	8.654114	.0833381	.1446700	.0765118	120.0656
Stddev	.0000417	.0001980	.036875	.0004300	.0001978	.0033809	.4020
%RSD	.5753903	10.44938	.4260990	.5159204	.1367017	4.418850	.3348100
#1	.0072512	.0017055	8.672242	.0834539	.1445308	.0729572	120.3561
#2	.0072116	.0018793	8.678415	.0836983	.1445829	.0796871	120.2339
#3	.0072950	.0021006	8.611683	.0828621	.1448964	.0768911	119.6068

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.08844	6.813042	.1041298	.0020541	.4208040	.1911327	.2324788
Stddev	.06304	.024282	.0012445	.0001428	.0810680	.0009661	.0114374
%RSD	.5685010	.3564085	1.195112	6.950822	19.26503	.5054789	4.919771
#1	11.12857	6.815928	.1040924	.0019170	.3960233	.1903922	.2455730
#2	11.12096	6.835752	.1029044	.0022019	.5113702	.1922256	.2274220
#3	11.01578	6.787446	.1053925	.0020432	.3550185	.1907803	.2244413

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.831078	1.763349	.0494845	.0031872	.7674970	7.514779	.0047800
Stddev	.059396	.008354	.0019187	.0001586	.0082548	.013333	.0008640
%RSD	1.229453	.4737503	3.877418	4.974918	1.075544	.1774301	18.07558
#1	4.898914	1.766623	.0479251	.0030836	.7582455	7.530161	.0048291
#2	4.805907	1.753854	.0516271	.0033697	.7701356	7.507662	.0056183
#3	4.788412	1.769571	.0489013	.0031082	.7741099	7.506514	.0038924

Sample Name: J5319-21 Acquired: 10/15/2018 14:48:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACH3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8102044	.0177776	.0425063
Stddev	.0020816	.0008237	.0001017
%RSD	.2569175	4.633354	.2391584
#1	.8110451	.0171094	.0423900
#2	.8117340	.0186979	.0425506
#3	.8078339	.0175256	.0425783

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2569.041	2843.772	59259.10	5857.350	3468.113
Stddev	19.563	1.685	154.06	18.626	3.498
%RSD	.7614824	.0592573	.2599786	.3179997	.1008738
#1	2588.319	2841.908	59083.35	5838.545	3466.127
#2	2549.205	2845.186	59323.12	5857.712	3472.153
#3	2569.597	2844.223	59370.83	5875.793	3466.060

Sample Name: J5319-22 Acquired: 10/15/2018 14:52:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACH4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0567863	-.001609	2.000467	-.022193	.0051623	62.10040	.9604767
Stddev	.0098672	.002194	.000268	.001218	.0004813	.10461	.0013054
%RSD	17.37610	136.3466	.0134197	5.487680	9.323183	.1684610	.1359079
#1	.0471676	-.001039	2.000537	-.022456	.0056527	61.97991	.9589785
#2	.0668846	-.004031	2.000693	-.020866	.0051434	62.15314	.9613693
#3	.0563068	.000244	2.000170	-.023259	.0046907	62.16814	.9610822

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0133365	.0041038	313.8289	.1325324	.1965309	.1566363	219.6463
Stddev	.0002063	.0000697	1.1375	.0006143	.0004240	.0040704	.7825
%RSD	1.546546	1.698636	.3624481	.4635234	.2157296	2.598639	.3562596
#1	.0133403	.0041842	312.5314	.1331751	.1962916	.1544012	218.7714
#2	.0135408	.0040650	314.3008	.1324710	.1962806	.1613345	219.8884
#3	.0131283	.0040621	314.6544	.1319510	.1970204	.1541730	220.2792

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.66308	157.2359	.1799973	.0033629	.7100748	.2962300	.3553861
Stddev	.07506	.2269	.0008457	.0001995	.0990581	.0050631	.0118380
%RSD	.5118801	.1443162	.4698391	5.932642	13.95038	1.709187	3.331020
#1	14.57764	157.0082	.1790254	.0033788	.8220504	.2929263	.3418970
#2	14.69322	157.4621	.1805651	.0035541	.6743011	.3020591	.3640468
#3	14.71839	157.2373	.1804015	.0031560	.6338730	.2937045	.3602145

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.163778	2.760819	.0749659	.0051754	18.87727	11.08146	.0011208
Stddev	.030049	.001337	.0041506	.0000648	.05137	.11619	.0012330
%RSD	.4875159	.0484163	5.536704	1.251428	.2721001	1.048483	110.0102
#1	6.140956	2.761960	.0755172	.0052016	18.83028	11.03673	.0015049
#2	6.152554	2.759348	.0705672	.0051016	18.93211	11.21337	.0021161
#3	6.197824	2.761150	.0788134	.0052229	18.86941	10.99429	-.000259

Sample Name: J5319-22 Acquired: 10/15/2018 14:52:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACH4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6326075	.0356827	.1365316
Stddev	.0044323	.0016554	.0004846
%RSD	.7006378	4.639290	.3549086
#1	.6281182	.0340337	.1369951
#2	.6327238	.0373445	.1360284
#3	.6369805	.0356699	.1365714

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2318.913	2539.211	54978.87	5432.985	3116.836
Stddev	15.470	2.591	126.66	31.328	1.267
%RSD	.6671056	.1020560	.2303730	.5766259	.0406484
#1	2308.737	2536.238	54933.21	5436.328	3116.857
#2	2336.715	2540.992	55122.03	5400.120	3115.559
#3	2311.288	2540.402	54881.37	5462.507	3118.093

Sample Name: J5319-10 Acquired: 10/15/2018 14:56:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACG3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0497285	.0051940	.3349890	-.021692	.0056983	107.2991	1.472507
Stddev	.0040975	.0006404	.0013559	.002598	.0016483	.4584	.005998
%RSD	8.239681	12.32936	.4047453	11.97819	28.92662	.4271986	.4073276
#1	.0484409	.0047727	.3336936	-.024542	.0039280	106.7711	1.465848
#2	.0543151	.0059309	.3363981	-.019456	.0059781	107.5955	1.477487
#3	.0464294	.0048784	.3348754	-.021076	.0071889	107.5307	1.474186

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082861	.0023984	65.80353	.1510009	.1567719	.1381266	207.7814
Stddev	.0000993	.0001446	.42452	.0005344	.0003979	.0038369	1.3879
%RSD	1.198480	6.029028	.6451279	.3538761	.2538079	2.777776	.6679652
#1	.0081868	.0025433	65.34397	.1504606	.1563136	.1357761	206.2553
#2	.0082860	.0022541	66.18102	.1515291	.1570285	.1360495	208.9681
#3	.0083854	.0023977	65.88560	.1510129	.1569737	.1425542	208.1209

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.59923	35.18765	.1421940	.0037009	1.658877	.3419851	.3356213
Stddev	.12936	.05864	.0012307	.0003941	.197008	.0004077	.0183215
%RSD	.7793277	.1666528	.8654799	10.64981	11.87598	.1192087	5.458986
#1	16.45168	35.25436	.1435829	.0035913	1.435451	.3423251	.3178750
#2	16.69317	35.14426	.1412391	.0041382	1.807642	.3415331	.3544684
#3	16.65285	35.16433	.1417601	.0033732	1.733537	.3420969	.3345205

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.862134	2.515773	.0738625	.0040719	2.986959	2.171215	.0020217
Stddev	.031484	.010920	.0030045	.0005567	.020002	.012666	.0004431
%RSD	.5370657	.4340553	4.067622	13.67057	.6696540	.5833482	21.91757
#1	5.827870	2.528317	.0762556	.0037047	3.003780	2.157142	.0017565
#2	5.868745	2.510607	.0748411	.0047124	2.992254	2.174804	.0025332
#3	5.889788	2.508394	.0704908	.0037987	2.964841	2.181699	.0017753

Sample Name: J5319-10 Acquired: 10/15/2018 14:56:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGACG3D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7818951	.0415729	.0761756
Stddev	.0032224	.0008419	.0002961
%RSD	.4121221	2.025149	.3886786
#1	.7786863	.0424866	.0759220
#2	.7851309	.0408284	.0765010
#3	.7818682	.0414037	.0761038

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2341.923	2610.317	54670.91	5439.015	3367.418
Stddev	10.073	3.333	217.27	34.773	7.425
%RSD	.4301040	.1276769	.3974212	.6393230	.2204805
#1	2340.653	2614.162	54817.50	5479.104	3362.318
#2	2332.545	2608.265	54421.29	5417.025	3375.936
#3	2352.570	2608.524	54773.95	5420.915	3364.000

Sample Name: J5297-01 Acquired: 10/15/2018 15:00:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA3YY3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0176334	-.001941	1.680648	-.015845	.0092356	46.07097	2.306814
Stddev	.0013228	.004320	.001952	.001609	.0003798	.04456	.004702
%RSD	7.501856	222.5481	.1161166	10.15600	4.112223	.0967161	.2038394
#1	.0191112	-.006539	1.679392	-.017023	.0088811	46.02014	2.303764
#2	.0172294	-.001317	1.679655	-.016500	.0096365	46.08948	2.312229
#3	.0165597	.002033	1.682896	-.014011	.0091893	46.10328	2.304448

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099468	.0179655	17.57029	.2748373	.0962948	1.720585	199.0050
Stddev	.0000769	.0000776	.05011	.0010104	.0000752	.001666	.5078
%RSD	.7735499	.4319791	.2851954	.3676515	.0781243	.0968198	.2551523
#1	.0098839	.0178849	17.51623	.2745666	.0963809	1.718816	198.8566
#2	.0100325	.0180398	17.57946	.2739898	.0962419	1.720815	198.5879
#3	.0099239	.0179718	17.61519	.2759555	.0962616	1.722123	199.5704

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.88988	11.69660	.5380943	.0240213	.8642577	.1801623	2.097631
Stddev	.02542	.16774	.0007313	.0000705	.2183981	.0057246	.023198
%RSD	.2334435	1.434098	.1358957	.2933785	25.27002	3.177482	1.105932
#1	10.86348	11.50444	.5373526	.0240888	.9123721	.1788768	2.123099
#2	10.89197	11.81375	.5388147	.0240268	.6258142	.1751898	2.092086
#3	10.91419	11.77161	.5381157	.0239482	1.054587	.1864204	2.077707

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.187965	7.252360	.0808301	.0148923	3.946857	5.637247	.0636997
Stddev	.010398	.012087	.0055568	.0001366	.007643	.026713	.0010885
%RSD	.2482921	.1666699	6.874690	.9169292	.1936426	.4738706	1.708770
#1	4.187168	7.260704	.0821006	.0149398	3.950144	5.612263	.0647895
#2	4.198739	7.238499	.0747481	.0149987	3.938121	5.665406	.0636970
#3	4.177988	7.257878	.0856417	.0147383	3.952307	5.634071	.0626126

Sample Name: J5297-01 Acquired: 10/15/2018 15:00:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA3YY3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.895265	.0316956	.1970667
Stddev	.008520	.0005222	.0005138
%RSD	.4495340	1.647679	.2607201
#1	1.885646	.0314358	.1971175
#2	1.898289	.0313543	.1975532
#3	1.901861	.0322968	.1965294

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2813.449	3123.880	65331.11	6468.371	3468.437
Stddev	5.111	6.094	176.71	18.790	1.502
%RSD	.1816652	.1950709	.2704762	.2904843	.0433103
#1	2819.309	3120.331	65461.52	6483.710	3468.284
#2	2811.128	3130.916	65401.82	6447.413	3470.010
#3	2809.910	3120.392	65130.01	6473.991	3467.017

Sample Name: J5297-02 Acquired: 10/15/2018 15:04:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA3YY3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123086	-.006698	1.688277	-.015486	.0093808	46.11525	2.320075
Stddev	.0013119	.000767	.002944	.003015	.0010779	.00926	.000558
%RSD	10.65831	11.44464	.1743916	19.46789	11.49076	.0200715	.0240370
#1	.0111695	-.007099	1.689010	-.017205	.0106237	46.12174	2.320652
#2	.0120132	-.007182	1.685036	-.017248	.0088174	46.11937	2.320033
#3	.0137429	-.005815	1.690786	-.012005	.0087014	46.10465	2.319539

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098284	.0180287	17.53870	.2758004	.0966259	1.722092	199.1476
Stddev	.0000694	.0002118	.08981	.0006086	.0002505	.010625	.3287
%RSD	.7065628	1.174964	.5120396	.2206704	.2592918	.6169984	.1650768
#1	.0098214	.0177844	17.43536	.2763975	.0963366	1.718346	198.8778
#2	.0099010	.0181620	17.59775	.2758228	.0967685	1.713848	199.0511
#3	.0097626	.0181397	17.58300	.2751809	.0967725	1.734083	199.5137

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.90623	11.73068	.5412868	.0236903	.8309026	.1815644	2.121732
Stddev	.02462	.07152	.0014013	.0004706	.1617673	.0018396	.032611
%RSD	.2257797	.6097047	.2588889	1.986367	19.46887	1.013207	1.537022
#1	10.88022	11.80214	.5402659	.0242071	.6637367	.1833856	2.121839
#2	10.90929	11.73080	.5407101	.0235773	.8423029	.1797069	2.089067
#3	10.92918	11.65909	.5428845	.0232865	.9866683	.1816009	2.154289

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.141814	7.286526	.0827980	.0147780	3.975129	5.653986	.0651605
Stddev	.028899	.017939	.0007665	.0001697	.009856	.022493	.0021176
%RSD	.6977343	.2461917	.9256809	1.148171	.2479505	.3978228	3.249859
#1	4.173307	7.278207	.0820815	.0146253	3.974801	5.628458	.0663426
#2	4.116513	7.274257	.0827062	.0149607	3.965440	5.662609	.0627158
#3	4.135623	7.307114	.0836062	.0147482	3.985145	5.670892	.0664233

Sample Name: J5297-02 Acquired: 10/15/2018 15:04:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA3YY3D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.900263	.0324511	.1979131
Stddev	.006223	.0011147	.0005046
%RSD	.3274833	3.434894	.2549504
#1	1.896268	.0311640	.1974701
#2	1.897087	.0330903	.1978068
#3	1.907433	.0330990	.1984623

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2812.532	3114.909	65431.13	6474.134	3458.315
Stddev	7.706	3.690	51.89	7.502	3.992
%RSD	.2739944	.1184534	.0793086	.1158700	.1154301
#1	2805.592	3114.617	65387.17	6482.077	3456.497
#2	2820.825	3118.735	65488.38	6467.169	3462.893
#3	2811.180	3111.373	65417.85	6473.156	3455.556

Sample Name: J5297-03 Acquired: 10/15/2018 15:08:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA3YY3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0790755	.1029450	1.712770	.0608603	.1821844	48.39617	5.977887
Stddev	.0014139	.0036130	.003622	.0009712	.0011577	.06896	.009819
%RSD	1.788094	3.509619	.2114820	1.595746	.6354507	.1424873	.1642519
#1	.0779610	.1059752	1.709263	.0619409	.1822600	48.46534	5.985011
#2	.0806660	.0989465	1.716497	.0600603	.1809908	48.32743	5.966686
#3	.0785995	.1039131	1.712549	.0605797	.1833025	48.39574	5.981962

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0907029	.1248456	17.24490	.6271150	1.259438	2.159372	198.4582
Stddev	.0005987	.0003180	.08362	.0014940	.000308	.003617	.5338
%RSD	.6600121	.2547352	.4849212	.2382313	.0244785	.1675047	.2689624
#1	.0908819	.1247942	17.30935	.6254103	1.259082	2.155942	198.7150
#2	.0900352	.1245564	17.27495	.6281962	1.259602	2.159025	198.8150
#3	.0911916	.1251862	17.15040	.6277386	1.259629	2.163151	197.8446

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.66635	11.46252	1.726357	.1033046	.9964254	1.085669	3.009219
Stddev	.06079	.09253	.002643	.0002404	.0427077	.007650	.034449
%RSD	.5210996	.8072145	.1531047	.2327364	4.286093	.7046065	1.144768
#1	11.69771	11.52872	1.724369	.1030527	1.006364	1.086899	3.025329
#2	11.70506	11.35680	1.729357	.1035316	1.033288	1.077479	3.032662
#3	11.59628	11.50206	1.725345	.1033296	.949625	1.092629	2.969667

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.966739	7.225601	.0804321	.0148609	3.910307	2.148614	.0626341
Stddev	.064355	.022422	.0021217	.0001896	.009507	.010249	.0014602
%RSD	1.622354	.3103180	2.637937	1.275778	.2431167	.4770086	2.331287
#1	3.926730	7.200558	.0817526	.0150775	3.899773	2.158342	.0639755
#2	3.932513	7.232433	.0815590	.0147253	3.912901	2.137913	.0610788
#3	4.040974	7.243813	.0779847	.0147798	3.918248	2.149586	.0628481

Sample Name: J5297-03 Acquired: 10/15/2018 15:08:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA3YY3S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.747563	.0314831	.1923920
Stddev	.002107	.0003950	.0002955
%RSD	.1205658	1.254680	.1535767
#1	1.745244	.0314805	.1921174
#2	1.748085	.0318794	.1923539
#3	1.749360	.0310894	.1927046

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2777.612	3088.295	64870.31	6445.436	3443.285
Stddev	7.466	3.924	182.35	24.881	5.158
%RSD	.2687902	.1270571	.2810945	.3860296	.1497912
#1	2775.773	3092.543	65003.02	6420.598	3449.184
#2	2771.236	3084.807	64662.39	6470.360	3439.627
#3	2785.825	3087.534	64945.53	6445.351	3441.045

Sample Name: J5297-01LX5 Acquired: 10/15/2018 15:12:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA3YY3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019266	-.000168	.2564046	-.003260	-.000239	8.605113	.4097849
Stddev	.0008894	.003827	.0010281	.001399	.001198	.045288	.0012208
%RSD	46.16234	2279.500	.4009572	42.90489	500.5315	.5262952	.2979168
#1	.0010397	-.004373	.2554004	-.004482	.000944	8.552903	.4109964
#2	.0019216	.003110	.2563585	-.001735	-.001451	8.628644	.4085550
#3	.0028184	.000759	.2574549	-.003562	-.000210	8.633792	.4098035

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019130	.0025546	3.355766	.0524101	.0146125	.3301782	37.93403
Stddev	.0000689	.0000678	.032591	.0000998	.0002832	.0033991	.29666
%RSD	3.602315	2.654842	.9711794	.1903373	1.938197	1.029463	.7820497
#1	.0019817	.0024884	3.319369	.0523074	.0147730	.3262564	37.59664
#2	.0019135	.0025513	3.365684	.0524161	.0142855	.3320031	38.15406
#3	.0018439	.0026239	3.382245	.0525067	.0147790	.3322750	38.05138

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.095333	2.212697	.0816076	.0048939	-.017448	.0326499	.4120871
Stddev	.019469	.093112	.0002867	.0003610	.290948	.0053515	.0239184
%RSD	.9291432	4.208085	.3513020	7.377129	1667.490	16.39057	5.804204
#1	2.076240	2.122189	.0819091	.0051172	-.329798	.0298480	.4392739
#2	2.115157	2.308211	.0813384	.0050870	.245866	.0388206	.3942810
#3	2.094601	2.207692	.0815754	.0044773	.031587	.0292811	.4027064

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7853656	1.120284	.0130096	.0029400	.6122236	.4220561	.0079891
Stddev	.0220850	.004748	.0002447	.0003158	.0017392	.0044649	.0005303
%RSD	2.812064	.4238410	1.880918	10.74035	.2840872	1.057886	6.637862
#1	.8025229	1.115660	.0130856	.0025763	.6111310	.4173720	.0078141
#2	.7604478	1.125147	.0132074	.0031442	.6142292	.4262635	.0075685
#3	.7931261	1.120044	.0127360	.0030995	.6113106	.4225327	.0085848

Sample Name: J5297-01LX5 Acquired: 10/15/2018 15:12:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA3YY3L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3362119	-.000756	.0365518
Stddev	.0016899	.002169	.0001298
%RSD	.5026178	286.8535	.3551472
#1	.3342721	.000734	.0366879
#2	.3373647	-.003244	.0364294
#3	.3369989	.000242	.0365380

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2227.574	2488.579	51140.53	5051.030	3489.306
Stddev	21.155	10.266	362.68	28.084	12.676
%RSD	.9497044	.4125139	.7091790	.5560149	.3632933
#1	2203.626	2478.827	50722.58	5068.009	3476.578
#2	2243.724	2499.291	51372.41	5018.613	3501.930
#3	2235.371	2487.620	51326.59	5066.467	3489.412

Sample Name: J5286-10DLX2 Acquired: 10/15/2018 15:16:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0088 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2411974	.0046225	.0618612	-.003255	.0049934	10.05702	.1900530
Stddev	.0023559	.0010814	.0005906	.002100	.0007254	.02615	.0011588
%RSD	.9767628	23.39471	.9547502	64.53166	14.52805	.2600614	.6097055
#1	.2408643	.0039723	.0625313	-.005370	.0055776	10.08423	.1910857
#2	.2437021	.0058708	.0616361	-.003224	.0052213	10.05476	.1902734
#3	.2390257	.0040243	.0614163	-.001170	.0041814	10.03207	.1887998

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011796	.0033448	722.1715	.0394302	.0153525	.0376329	35.77736
Stddev	.0000370	.0000326	2.0169	.0005344	.0003889	.0010176	.12706
%RSD	3.137418	.9746598	.2792807	1.355368	2.533414	2.703991	.3551287
#1	.0011666	.0033569	723.5461	.0397005	.0157706	.0377167	35.74587
#2	.0012214	.0033078	719.8561	.0397755	.0150015	.0365760	35.66901
#3	.0011509	.0033695	723.1123	.0388146	.0152853	.0386060	35.91720

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.382670	392.1669	.0625973	.0015034	.2388031	.0509282	.2502989
Stddev	.019939	1.2433	.0002548	.0002524	.0229398	.0066237	.0136071
%RSD	.5894571	.3170325	.4070157	16.78920	9.606154	13.00603	5.436330
#1	3.397052	392.3863	.0628394	.0012538	.2190063	.0473745	.2616531
#2	3.359908	390.8285	.0626210	.0014976	.2639429	.0468397	.2540274
#3	3.391050	393.2858	.0623315	.0017586	.2334603	.0585704	.2352163

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.233828	4.198858	.0110466	.0033188	1.099880	1.721082	-.003932
Stddev	.085874	.009723	.0015947	.0002652	.006516	.009035	.001750
%RSD	6.959974	.2315734	14.43624	7.989289	.5924538	.5249414	44.50995
#1	1.332971	4.188080	.0092893	.0035988	1.097483	1.730094	-.004088
#2	1.185778	4.201524	.0114487	.0030715	1.094902	1.712024	-.002109
#3	1.182735	4.206970	.0124018	.0032861	1.107256	1.721129	-.005600

Sample Name: J5286-10DLX2 Acquired: 10/15/2018 15:16:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0088 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2542405	.0347650	.3248946
Stddev	.0049973	.0027279	.0002625
%RSD	1.965569	7.846640	.0807954
#1	.2525406	.0317569	.3251317
#2	.2503149	.0370782	.3249394
#3	.2598659	.0354599	.3246125

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2038.625	2209.158	48818.58	4799.725	2920.429
Stddev	11.763	5.518	154.00	19.643	3.027
%RSD	.5770111	.2497662	.3154560	.4092490	.1036513
#1	2028.418	2207.361	48842.24	4782.865	2918.638
#2	2035.968	2215.351	48654.12	4795.017	2923.924
#3	2051.490	2204.764	48959.38	4821.294	2918.726

Sample Name: J5286-11DLX2 Acquired: 10/15/2018 15:20:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0088D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2433125	.0017534	.0657708	-.003615	.0034123	10.21714	.1945470
Stddev	.0071685	.0019180	.0018849	.000773	.0019205	.06166	.0004776
%RSD	2.946215	109.3832	2.865812	21.36786	56.28097	.6034720	.2454956
#1	.2402855	-.000143	.0678740	-.004475	.0015001	10.27797	.1942444
#2	.2381541	.001711	.0652041	-.003394	.0033958	10.21877	.1950976
#3	.2514981	.003692	.0642343	-.002978	.0053410	10.15469	.1942989

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012214	.0033844	733.7971	.0403390	.0160944	.0406017	36.40437
Stddev	.0000538	.0000481	6.6372	.0003150	.0003562	.0011821	.33034
%RSD	4.405306	1.421166	.9045062	.7808317	2.213286	2.911480	.9074127
#1	.0011770	.0033641	738.4811	.0406963	.0163281	.0402507	36.62063
#2	.0012061	.0034393	736.7085	.0402194	.0156844	.0396348	36.56836
#3	.0012813	.0033498	726.2017	.0401014	.0162708	.0419195	36.02412

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.452749	398.0119	.0634983	.0019691	.2831623	.0476496	.2492958
Stddev	.045167	4.3518	.0002967	.0004499	.2970977	.0062546	.0089310
%RSD	1.308147	1.093384	.4672556	22.84683	104.9214	13.12614	3.582505
#1	3.474141	400.1720	.0638384	.0014930	.6210270	.0535356	.2560439
#2	3.483247	400.8611	.0633645	.0023871	.0627260	.0410823	.2526754
#3	3.400860	393.0027	.0632921	.0020273	.1657338	.0483311	.2391682

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.252328	4.193228	.0084092	.0034449	1.113584	1.724324	-.004686
Stddev	.069190	.009376	.0018007	.0006992	.005380	.004755	.001164
%RSD	5.524890	.2236080	21.41291	20.29501	.4830882	.2757561	24.83642
#1	1.190290	4.182409	.0090542	.0028014	1.109282	1.719166	-.004474
#2	1.326944	4.198986	.0097985	.0033445	1.111855	1.728532	-.005941
#3	1.239748	4.198290	.0063749	.0041889	1.119616	1.725273	-.003643

Sample Name: J5286-11DLX2 Acquired: 10/15/2018 15:20:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0088D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2547618	.0353177	.3326996
Stddev	.0010589	.0024589	.0016059
%RSD	.4156301	6.962213	.4826767
#1	.2535933	.0325180	.3343374
#2	.2550344	.0371266	.3326335
#3	.2556578	.0363084	.3311277

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2033.860	2202.354	48529.91	4764.957	2909.984
Stddev	4.139	1.027	180.04	25.727	2.554
%RSD	.2035065	.0466105	.3709976	.5399214	.0877585
#1	2034.157	2203.098	48403.49	4745.623	2909.478
#2	2037.842	2201.183	48736.05	4755.093	2912.753
#3	2029.580	2202.782	48450.18	4794.157	2907.722

Sample Name: J5286-12DLX2 Acquired: 10/15/2018 15:34:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0088S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2799913	.0598988	.0827772	.0462511	.1155056	11.33717	2.495283
Stddev	.0049267	.0031993	.0030178	.0029549	.0020548	.06043	.007335
%RSD	1.759593	5.341129	3.645750	6.388736	1.778939	.5330373	.2939499
#1	.2823008	.0631698	.0862572	.0474215	.1132448	11.33915	2.499777
#2	.2743341	.0597500	.0808815	.0484415	.1172595	11.27577	2.486819
#3	.2833390	.0567764	.0811927	.0428903	.1160125	11.39658	2.499254

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0519906	.0560516	676.0980	.2458817	.5956807	.3082347	33.88798
Stddev	.0001352	.0002726	3.4968	.0008696	.0005348	.0081804	.29190
%RSD	.2599655	.4863997	.5172063	.3536691	.0897779	2.653944	.8613739
#1	.0521061	.0563345	674.4995	.2464120	.5950829	.3084550	33.65466
#2	.0518419	.0557905	673.6860	.2448781	.5961136	.2999464	33.79397
#3	.0520237	.0560299	680.1083	.2463549	.5958457	.3163027	34.21530

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.626736	364.9276	.6456176	.0540877	.2572448	.6075012	.8012137
Stddev	.012862	1.7365	.0022078	.0003135	.2149570	.0069428	.0018703
%RSD	.3546497	.4758575	.3419657	.5796898	83.56126	1.142852	.2334287
#1	3.637939	363.9507	.6477817	.0540303	.2869383	.5996073	.7990641
#2	3.612690	363.8994	.6433685	.0544260	.4558113	.6126600	.8021085
#3	3.629579	366.9325	.6457027	.0538069	.0289847	.6102361	.8024685

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.105192	4.259127	.0073332	.0036475	1.020322	.5945827	-.005025
Stddev	.020224	.009483	.0015049	.0001855	.005657	.0024679	.001540
%RSD	1.829925	.2226508	20.52201	5.085847	.5543882	.4150621	30.65563
#1	1.094792	4.250122	.0063138	.0037912	1.026379	.5967365	-.003646
#2	1.092283	4.258235	.0066242	.0034381	1.019409	.5951218	-.004742
#3	1.128500	4.269025	.0090617	.0037133	1.015177	.5918899	-.006687

Sample Name: J5286-12DLX2 Acquired: 10/15/2018 15:34:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0088S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2213293	.0315244	.2945583
Stddev	.0035647	.0008548	.0009607
%RSD	1.610599	2.711600	.3261454
#1	.2174256	.0307230	.2953436
#2	.2244115	.0324241	.2934871
#3	.2221509	.0314259	.2948441

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2010.935	2196.297	48451.41	4766.166	2914.341
Stddev	3.447	2.222	93.72	8.749	5.232
%RSD	.1714220	.1011576	.1934320	.1835542	.1795110
#1	2014.819	2193.868	48494.03	4771.781	2909.026
#2	2009.748	2198.227	48343.96	4770.632	2914.512
#3	2008.238	2196.797	48516.25	4756.086	2919.485

Sample Name: J5297-08 Acquired: 10/15/2018 15:38:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA3Z48 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003261	-.004617	.3618753	-.010380	.0047684	38.01827	1.517571
Stddev	.001193	.003047	.0015436	.000230	.0003003	.07868	.005036
%RSD	36.58775	65.98409	.4265616	2.213565	6.296603	.2069481	.3318132
#1	-.001908	-.001355	.3636577	-.010126	.0047483	38.10667	1.523377
#2	-.003711	-.007390	.3609743	-.010439	.0050782	37.95594	1.514396
#3	-.004164	-.005107	.3609939	-.010574	.0044787	37.99220	1.514941

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045436	.0026035	8.467797	.1207531	.0423355	1.619542	100.7121
Stddev	.0000653	.0000272	.078698	.0008293	.0000899	.004171	.2736
%RSD	1.437028	1.046354	.9293812	.6867778	.2123015	.2575307	.2716611
#1	.0045438	.0026172	8.518326	.1206032	.0423852	1.622272	101.0101
#2	.0044783	.0026212	8.507944	.1200090	.0423896	1.614741	100.6538
#3	.0046089	.0025721	8.377123	.1216472	.0422318	1.621613	100.4723

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.525515	15.05756	.1328129	.0039125	.4837600	.1000080	.7152658
Stddev	.020027	.07556	.0004414	.0001354	.1190794	.0063272	.0086047
%RSD	.5680497	.5017844	.3323292	3.461788	24.61539	6.326673	1.203010
#1	3.544045	14.97502	.1326928	.0037609	.5844851	.1065529	.7053751
#2	3.528230	15.12332	.1324441	.0039549	.3523373	.0995475	.7210308
#3	3.504269	15.07433	.1333019	.0040217	.5144574	.0939237	.7193915

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.910686	4.087692	.0334191	.0055829	.8502738	.9748666	.0267143
Stddev	.059839	.007892	.0010391	.0000399	.0048528	.0072472	.0006909
%RSD	1.530146	.1930786	3.109418	.7137161	.5707281	.7434019	2.586280
#1	3.893794	4.079951	.0342500	.0056282	.8447237	.9814964	.0273116
#2	3.861109	4.095728	.0337532	.0055531	.8523812	.9759739	.0268736
#3	3.977156	4.087396	.0322540	.0055675	.8537166	.9671295	.0259576

Sample Name: J5297-08 Acquired: 10/15/2018 15:38:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA3Z48 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.824120	.0501384	.0838470
Stddev	.010202	.0011274	.0001011
%RSD	.5592648	2.248550	.1205520
#1	1.835450	.0491268	.0838253
#2	1.815661	.0513538	.0837585
#3	1.821251	.0499347	.0839572

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2453.797	2722.470	56484.14	5596.317	3475.947
Stddev	7.981	4.827	70.75	22.027	6.694
%RSD	.3252545	.1772913	.1252559	.3936007	.1925904
#1	2462.847	2717.681	56504.19	5571.622	3468.390
#2	2447.763	2727.334	56542.70	5603.389	3481.133
#3	2450.782	2722.394	56405.53	5613.939	3478.317

Sample Name: J5297-10 Acquired: 10/15/2018 15:42:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA3YZ7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023226	-.009739	.2990286	-.014570	.0033698	55.77079	1.146732
Stddev	.0004441	.001525	.0023642	.002206	.0008548	.02384	.001950
%RSD	19.12040	15.65669	.7906104	15.13836	25.36769	.0427518	.1700194
#1	.0023780	-.010051	.2964067	-.012673	.0043176	55.74372	1.148102
#2	.0027363	-.008082	.2996812	-.014048	.0031345	55.78866	1.144500
#3	.0018533	-.011084	.3009980	-.016990	.0026572	55.77999	1.147595

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077438	.0040981	135.1178	.0438452	.0462100	.2955241	138.9634
Stddev	.0000556	.0000810	.0399	.0002706	.0001672	.0039793	.3468
%RSD	.7183332	1.976135	.0295211	.6172273	.3617209	1.346527	.2495875
#1	.0076801	.0040879	135.0898	.0435331	.0460213	.2976787	138.8154
#2	.0077684	.0040227	135.1634	.0439874	.0463395	.2979616	139.3597
#3	.0077829	.0041837	135.1002	.0440151	.0462691	.2909321	138.7151

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.654064	18.23229	.0679515	.0034415	1.197495	.0954859	1.028982
Stddev	.007252	.05445	.0005763	.0001565	.124864	.0061925	.003640
%RSD	.2732490	.2986350	.8481629	4.546946	10.42710	6.485241	.3537321
#1	2.650847	18.29420	.0681155	.0035303	1.256978	.0974177	1.025711
#2	2.662368	18.21085	.0684281	.0032608	1.054011	.1004823	1.028331
#3	2.648976	18.19184	.0673109	.0035333	1.281495	.0885578	1.032903

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.454451	4.167486	.0531003	.0063580	3.390521	5.446796	.0147143
Stddev	.031698	.014699	.0004262	.0003895	.014834	.022517	.0004948
%RSD	.3749241	.3527123	.8026573	6.126222	.4375215	.4133913	3.362827
#1	8.487556	4.152496	.0529652	.0060601	3.407634	5.421054	.0152837
#2	8.451420	4.181876	.0535777	.0062152	3.381321	5.462833	.0144713
#3	8.424378	4.168087	.0527580	.0067988	3.382608	5.456500	.0143880

Sample Name: J5297-10 Acquired: 10/15/2018 15:42:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA3YZ7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.137329	.0446223	.5979281
Stddev	.001046	.0007859	.0008360
%RSD	.0489444	1.761303	.1398242
#1	2.137761	.0438229	.5970095
#2	2.136137	.0453940	.5981303
#3	2.138091	.0446499	.5986444

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2560.806	2828.330	59793.54	5946.989	3347.510
Stddev	15.766	4.649	85.06	16.544	2.121
%RSD	.6156800	.1643770	.1422540	.2781982	.0633581
#1	2544.821	2823.184	59704.90	5958.333	3349.737
#2	2561.253	2832.226	59801.23	5928.005	3347.278
#3	2576.345	2829.582	59874.50	5954.628	3345.515

Sample Name: J5297-11 Acquired: 10/15/2018 15:46:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA3YZ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012766	-.003964	.2833091	-.011364	.0011683	29.04152	.4674740
Stddev	.0046259	.001472	.0013898	.001491	.0012212	.10690	.0009515
%RSD	362.3785	37.13935	.4905495	13.11843	104.5292	.3680789	.2035475
#1	-.003371	-.002410	.2848920	-.012603	.0016575	29.14181	.4684209
#2	.005880	-.004142	.2822889	-.009710	.0020690	28.92906	.4665179
#3	.001321	-.005338	.2827464	-.011779	-.000222	29.05369	.4674833

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070090	.0027151	15.68355	.0047155	.0367784	.0671654	127.1763
Stddev	.0000394	.0001060	.06551	.0001418	.0001596	.0013464	.5783
%RSD	.5629136	3.904272	.4176960	3.007301	.4340500	2.004665	.4546875
#1	.0069660	.0028352	15.75756	.0047418	.0368161	.0684967	127.6266
#2	.0070435	.0026752	15.66011	.0045623	.0369158	.0658043	126.5241
#3	.0070174	.0026347	15.63298	.0048423	.0366033	.0671952	127.3781

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.625079	4.507381	.0190135	.0016303	.5334302	.1063574	1.056407
Stddev	.047977	.059142	.0003608	.0003116	.1816931	.0030921	.036596
%RSD	.6291977	1.312111	1.897806	19.11491	34.06127	2.907263	3.464234
#1	7.665400	4.554694	.0190542	.0019806	.5826042	.1066995	1.096344
#2	7.572018	4.441076	.0193523	.0015261	.3322113	.1092642	1.024477
#3	7.637819	4.526372	.0186341	.0013841	.6854751	.1031085	1.048399

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.087695	2.266254	.0442803	.0045819	.4179397	4.692311	.0046970
Stddev	.066410	.004749	.0013287	.0001904	.0048229	.020574	.0012007
%RSD	.9369714	.2095397	3.000570	4.154898	1.153976	.4384657	25.56425
#1	7.160265	2.261509	.0445752	.0044915	.4193722	4.701942	.0057701
#2	7.029952	2.266245	.0428290	.0044536	.4218841	4.668687	.0049206
#3	7.072868	2.271007	.0454367	.0048006	.4125628	4.706303	.0034001

Sample Name: J5297-11 Acquired: 10/15/2018 15:46:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA3YZ8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4190567	.0045324	.0972213
Stddev	.0027593	.0005614	.0000649
%RSD	.6584502	12.38552	.0667883
#1	.4202630	.0046945	.0972739
#2	.4158997	.0039078	.0971487
#3	.4210075	.0049949	.0972411

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2680.141	2986.283	62234.03	6173.378	3429.730
Stddev	6.212	3.440	275.35	28.761	6.923
%RSD	.2317818	.1151832	.4424411	.4658823	.2018648
#1	2676.685	2985.651	62083.93	6143.905	3423.955
#2	2676.427	2983.204	62066.34	6201.369	3427.830
#3	2687.313	2989.995	62551.81	6174.860	3437.405

Sample Name: J5297-12 Acquired: 10/15/2018 15:50:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA3YZ9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001504	-.008993	.0868234	-.012310	.0006006	42.37152	.3480467
Stddev	.002375	.003348	.0014788	.000273	.0008126	.12708	.0012462
%RSD	157.9051	37.23303	1.703204	2.213721	135.2951	.2999125	.3580669
#1	-.003918	-.009067	.0854564	-.012618	.0009132	42.36728	.3468354
#2	.000830	-.005608	.0866208	-.012215	-.000322	42.24661	.3493252
#3	-.001425	-.012303	.0883931	-.012098	.001211	42.50066	.3479796

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077281	.0031564	34.97717	.0411933	.0378696	.2017877	117.9960
Stddev	.0000699	.0001073	.16952	.0005720	.0001847	.0042131	.8921
%RSD	.9046379	3.397757	.4846717	1.388504	.4878302	2.087893	.7560813
#1	.0076498	.0030801	35.13027	.0405724	.0376587	.1974115	118.8645
#2	.0077500	.0031101	34.79498	.0413087	.0379474	.2021356	117.0819
#3	.0077844	.0032790	35.00624	.0416988	.0380028	.2058162	118.0417

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.816308	12.33916	.6296953	.0023471	.8926325	.0799804	.5213442
Stddev	.005732	.09949	.0000576	.0004593	.1960106	.0054826	.0217211
%RSD	.3155773	.8062731	.0091463	19.56874	21.95871	6.854951	4.166370
#1	1.821196	12.24054	.6297614	.0028367	.9328878	.0798508	.4964594
#2	1.809999	12.43949	.6296687	.0019258	1.065390	.0855267	.5365009
#3	1.817729	12.33746	.6296558	.0022788	.679620	.0745638	.5310724

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.019699	2.072264	.0421770	.0033909	1.039657	3.783768	.0046366
Stddev	.030005	.002472	.0038070	.0002664	.007510	.024342	.0007028
%RSD	.4274343	.1192968	9.026203	7.856421	.7223154	.6433318	15.15766
#1	7.047735	2.074826	.0453189	.0036970	1.030986	3.755733	.0038319
#2	6.988053	2.069893	.0379434	.0032108	1.044111	3.799536	.0049476
#3	7.023308	2.072073	.0432686	.0032650	1.043873	3.796036	.0051302

Sample Name: J5297-12 Acquired: 10/15/2018 15:50:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA3YZ9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.586151	.0247725	.1607620
Stddev	.012309	.0007395	.0003007
%RSD	.7760264	2.985206	.1870527
#1	1.587931	.0246744	.1605246
#2	1.573049	.0255562	.1606611
#3	1.597474	.0240870	.1611001

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2562.759	2850.817	59331.26	5916.965	3418.953
Stddev	18.948	5.165	108.39	.159	7.888
%RSD	.7393715	.1811657	.1826804	.0026878	.2307209
#1	2543.511	2846.181	59230.71	5917.076	3418.552
#2	2563.373	2856.384	59316.99	5916.783	3427.035
#3	2581.392	2849.887	59446.07	5917.036	3411.273

Sample Name: J5297-13 Acquired: 10/15/2018 15:54:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA3Z00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003167	-.010892	.0819683	-.015074	.0003281	53.46692	.3658660
Stddev	.002599	.001365	.0013659	.001651	.0012904	.06754	.0013864
%RSD	82.05435	12.53427	1.666378	10.94991	393.2544	.1263271	.3789404
#1	-.006053	-.011158	.0808145	-.016358	.0013253	53.53735	.3657461
#2	-.001010	-.009413	.0816140	-.013212	.0007885	53.46072	.3673085
#3	-.002439	-.012105	.0834764	-.015652	-.001129	53.40269	.3645434

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095446	.0020667	9.419928	.0300458	.0461507	.0621844	131.5507
Stddev	.0000612	.0000978	.033235	.0003560	.0001957	.0046374	.5329
%RSD	.6407461	4.730123	.3528163	1.184835	.4239852	7.457560	.4050751
#1	.0095832	.0020809	9.455749	.0298916	.0460600	.0621768	131.8928
#2	.0095766	.0021565	9.390092	.0297930	.0460167	.0668256	130.9367
#3	.0094741	.0019626	9.413943	.0304529	.0463752	.0575508	131.8225

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.456188	12.72134	.0465728	.0018946	.6369058	.1426719	.4736321
Stddev	.003053	.13310	.0010564	.0002386	.0572946	.0050307	.0053172
%RSD	.2096622	1.046283	2.268276	12.59495	8.995765	3.526038	1.122650
#1	1.459489	12.86860	.0455510	.0016266	.6345128	.1469432	.4717084
#2	1.453467	12.60962	.0465067	.0020840	.6953594	.1371268	.4796434
#3	1.455608	12.68580	.0476607	.0019732	.5808453	.1439458	.4695443

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.07889	2.573935	.0415724	.0022418	.1674410	3.939932	.0049766
Stddev	.04846	.012471	.0008053	.0001554	.0034936	.004639	.0008448
%RSD	.4374433	.4845000	1.937174	6.933202	2.086485	.1177394	16.97490
#1	11.11493	2.561966	.0413532	.0023353	.1713637	3.940770	.0057949
#2	11.02379	2.572986	.0408994	.0023277	.1646644	3.944094	.0050274
#3	11.09793	2.586853	.0424646	.0020624	.1662947	3.934931	.0041076

Sample Name: J5297-13 Acquired: 10/15/2018 15:54:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA3Z00 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.192473	.0215375	.0931252
Stddev	.002675	.0008152	.0002101
%RSD	.1220138	3.785093	.2256267
#1	2.195298	.0218794	.0932174
#2	2.189979	.0206070	.0932734
#3	2.192143	.0221260	.0928847

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2629.095	2922.599	60857.75	6024.954	3439.982
Stddev	11.824	5.325	197.92	20.086	5.401
%RSD	.4497400	.1821858	.3252221	.3333774	.1570071
#1	2639.058	2918.908	60828.18	6022.249	3436.627
#2	2616.029	2928.703	60676.28	6006.358	3446.212
#3	2632.197	2920.187	61068.80	6046.255	3437.106

Sample Name: CCV067 Acquired: 10/15/2018 15:58:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV067 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.047536	5.061558	25.26604	4.762894	5.202368	411.8451
Stddev	.017097	.004674	.05709	.008538	.002591	.9587
%RSD	.3387133	.0923366	.2259357	.1792524	.0497988	.2327899
#1	5.044893	5.056170	25.24904	4.753469	5.199459	412.3705
#2	5.031915	5.063974	25.21939	4.770111	5.203220	412.4263
#3	5.065800	5.064528	25.32970	4.765101	5.204426	410.7385

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.53090	.4772887	2.398410	406.7643	15.08523	2.596004
Stddev	.01504	.0031997	.004577	2.6267	.01751	.006591
%RSD	.1428083	.6703887	.1908225	.6457638	.1160936	.2539022
#1	10.51721	.4786711	2.396730	409.5190	15.10202	2.592041
#2	10.54700	.4795648	2.394910	406.4861	15.08660	2.592357
#3	10.52849	.4736302	2.403589	404.2877	15.06708	2.603612

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.05531	400.0470	14.73229	390.6422	2.601342	1.273573
Stddev	.02591	2.7181	.13488	1.3836	.008230	.002520
%RSD	.1721011	.6794476	.9155338	.3541824	.3163785	.1978799
#1	15.03805	403.1452	14.87635	392.2379	2.595674	1.276346
#2	15.08510	398.9328	14.71152	389.7750	2.597570	1.272952
#3	15.04278	398.0630	14.60900	389.9139	2.610782	1.271421

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	405.7968	2.496975	15.46463	159.4087	F 40.35218	4.561069
Stddev	1.7448	.010517	.12826	.2555	.09905	.019756
%RSD	.4299800	.4211837	.8294017	.1602584	.2454556	.4331333
#1	407.6101	2.508590	15.39250	159.6920	40.46344	4.571791
#2	405.6507	2.488099	15.38867	159.3384	40.31948	4.573145
#3	404.1296	2.494235	15.61272	159.1958	40.27362	4.538271

Sample Name: CCV067 Acquired: 10/15/2018 15:58:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV067 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.833126	40.31604	4.887249	5.133826	5.020191	5.208462
Stddev	.004021	.30669	.032479	.010050	.015957	.004934
%RSD	.0831908	.7607063	.6645724	.1957584	.3178602	.0947322
#1	4.830639	40.63718	4.907820	5.138304	5.023500	5.208200
#2	4.830974	40.28475	4.904120	5.122315	5.034235	5.213522
#3	4.837764	40.02621	4.849806	5.140857	5.002839	5.203664

Elem	Sr4077
Units	ppm
Avg	4.900263
Stddev	.006778
%RSD	.1383120
#1	4.908058
#2	4.896979
#3	4.895754

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1871.110	1993.957	46149.15	4598.463	2755.568
Stddev	6.592	4.016	135.05	32.408	6.906
%RSD	.3522925	.2014315	.2926422	.7047472	.2506236
#1	1874.302	1996.109	45998.58	4570.893	2758.296
#2	1875.498	1996.440	46189.31	4590.334	2760.693
#3	1863.530	1989.324	46259.57	4634.161	2747.714

Sample Name: CCB067 Acquired: 10/15/2018 16:02:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB067 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002414	-.000513	.0008926	.0001824	-.000435	.0026461	-.003951
Stddev	.001683	.002623	.0017225	.0030481	.000744	.0034327	.000879
%RSD	69.68875	510.7506	192.9629	1670.988	171.1314	129.7267	22.23907
#1	-.004270	.001891	.0023463	.0036670	.000318	-.000992	-.004963
#2	-.001986	-.003310	.0013415	-.001131	-.001169	.005828	-.003494
#3	-.000987	-.000121	-.001010	-.001989	-.000453	.003102	-.003394

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000006	.0000710	.0267063	-.000298	.0003263	-.001094	-.002896
Stddev	.000059	.0000341	.0289308	.000127	.0001111	.003420	.007161
%RSD	988.1039	48.01564	108.3294	42.74002	34.04137	312.4589	247.2869
#1	-.000040	.0000344	.0031039	-.000444	.0002547	-.003801	-.009737
#2	-.000041	.0001018	.0589815	-.000214	.0004543	.002749	.004548
#3	.000063	.0000768	.0180335	-.000235	.0002700	-.002231	-.003499

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000591	-.079477	-.000115	.0009523	-.268079	.0039545	.0029755
Stddev	.000704	.020604	.000391	.0001601	.251405	.0029774	.0058259
%RSD	119.1603	25.92433	341.9097	16.81657	93.78025	75.29105	195.7946
#1	-.001404	-.076354	-.000012	.0009141	-.162557	.0048650	-.000164
#2	-.000199	-.060612	.000216	.0011281	-.086632	.0063702	-.000607
#3	-.000170	-.101464	-.000547	.0008147	-.555049	.0006281	.009698

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1844203	-.005510	.0071468	.0001618	.0001849	-.001719	-.000301
Stddev	.0465690	.001827	.0007945	.0000665	.0037834	.000317	.000442
%RSD	25.25157	33.15349	11.11723	41.07280	2046.017	18.41839	146.7561
#1	.1686762	-.007114	.0072922	.0001937	.0040521	-.001938	.000123
#2	.1477641	-.003522	.0078585	.0000854	.0000113	-.001356	-.000267
#3	.2368206	-.005894	.0062896	.0002064	-.003509	-.001862	-.000759

Sample Name: CCB067 Acquired: 10/15/2018 16:02:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB067 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0018365	-.001961	-.000074
Stddev	.0016782	.000561	.000112
%RSD	91.38126	28.58618	152.1946
#1	.0032846	-.002157	.000042
#2	-.000003	-.001329	-.000081
#3	.002228	-.002398	-.000182

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2102.021	2356.295	48401.71	4808.183	3452.697
Stddev	8.889	6.474	172.04	25.597	8.490
%RSD	.4228981	.2747581	.3554417	.5323591	.2459041
#1	2096.665	2351.745	48303.00	4818.900	3446.332
#2	2097.117	2363.707	48301.77	4778.970	3462.337
#3	2112.283	2353.432	48600.36	4826.680	3449.423

Sample Name: J5297-14 Acquired: 10/15/2018 16:06:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA3Z01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091037	-.010371	.0825044	-.015487	.0004795	28.76711	.2826710
Stddev	.0038421	.002481	.0029361	.002101	.0008741	.03797	.0013507
%RSD	42.20339	23.92672	3.558666	13.56435	182.2842	.1319791	.4778260
#1	.0115951	-.013163	.0823195	-.013695	-.000031	28.79154	.2841881
#2	.0110372	-.009536	.0796652	-.017799	-.000019	28.72337	.2815990
#3	.0046790	-.008415	.0855286	-.014968	.001489	28.78642	.2822260

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064885	.0031435	28.13496	.0060678	.0450377	.0709947	130.5566
Stddev	.0001009	.0000542	.09369	.0002469	.0004097	.0029735	.3901
%RSD	1.555402	1.722576	.3329860	4.068402	.9097633	4.188362	.2987982
#1	.0065949	.0031764	28.24102	.0058283	.0454242	.0675625	131.0041
#2	.0064765	.0030810	28.10040	.0063214	.0446081	.0727919	130.3775
#3	.0063942	.0031731	28.06347	.0060535	.0450808	.0726297	130.2883

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.596979	5.721556	.0249211	.0019983	.7116361	.1057997	.6059922
Stddev	.014667	.029098	.0005009	.0003118	.1794887	.0019962	.0177243
%RSD	.3190469	.5085685	2.010061	15.60262	25.22198	1.886815	2.924834
#1	4.609205	5.702036	.0244241	.0021034	.9053095	.1068114	.6040713
#2	4.601015	5.707632	.0249131	.0016476	.6787068	.1035002	.6245987
#3	4.580717	5.755000	.0254259	.0022440	.5508920	.1070875	.5893066

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.797545	3.387508	.0435565	.0039098	.3214862	1.876144	.0004668
Stddev	.032877	.005600	.0000910	.0002166	.0086716	.004239	.0005154
%RSD	1.175216	.1653159	.2089283	5.539878	2.697344	.2259611	110.4007
#1	2.833255	3.386863	.0436315	.0037641	.3314442	1.880671	.0002850
#2	2.768531	3.382259	.0434553	.0038067	.3174147	1.875494	.0010485
#3	2.790850	3.393403	.0435829	.0041587	.3155995	1.872268	.0000670

Sample Name: J5297-14 Acquired: 10/15/2018 16:06:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA3Z01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3215679	.0169244	.2190191
Stddev	.0033088	.0022183	.0004691
%RSD	1.028966	13.10730	.2141827
#1	.3242090	.0187237	.2195453
#2	.3226382	.0144459	.2188672
#3	.3178564	.0176037	.2186448

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2790.259	3082.898	64469.54	6353.787	3427.442
Stddev	11.174	1.487	150.15	30.877	6.279
%RSD	.4004511	.0482490	.2328934	.4859642	.1832018
#1	2778.422	3084.541	64337.66	6318.977	3433.163
#2	2800.622	3081.642	64632.94	6364.514	3428.438
#3	2791.733	3082.511	64438.00	6377.870	3420.724

Sample Name: J5297-15 Acquired: 10/15/2018 16:10:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA3Z47 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005814	-.007936	.2797091	-.013290	.0029480	46.52837	1.114328
Stddev	.002295	.003677	.0014081	.000432	.0016227	.07464	.003728
%RSD	39.47427	46.33716	.5034226	3.248318	55.04526	.1604091	.3345071
#1	-.007378	-.012181	.2788492	-.013167	.0012774	46.50247	1.118629
#2	-.003179	-.005873	.2789439	-.013770	.0045182	46.61251	1.112022
#3	-.006885	-.005753	.2813341	-.012934	.0030483	46.47015	1.112335

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061470	.0040766	69.19626	.0429848	.0438582	.3119982	139.3285
Stddev	.0000474	.0000946	.57622	.0003859	.0001422	.0071759	.7541
%RSD	.7704005	2.319921	.8327384	.8976983	.3241195	2.299974	.5412252
#1	.0061470	.0039990	68.73410	.0425605	.0438084	.3039370	138.5678
#2	.0061943	.0041820	69.84188	.0430789	.0440185	.3143691	140.0758
#3	.0060996	.0040489	69.01281	.0433149	.0437477	.3176887	139.3419

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.371792	15.48598	.0610997	.0037821	1.008026	.0910303	.8999058
Stddev	.030310	.05269	.0004133	.0004006	.116812	.0069616	.0258840
%RSD	1.277918	.3402535	.6764804	10.59127	11.58820	7.647573	2.876305
#1	2.344410	15.42596	.0615346	.0041258	.991431	.0834407	.8710979
#2	2.404360	15.52462	.0610526	.0038784	1.132248	.0971190	.9074134
#3	2.366607	15.50737	.0607120	.0033422	.900398	.0925311	.9212062

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.992545	4.125203	.0510045	.0058996	2.617234	4.814664	.0150430
Stddev	.038652	.012384	.0003249	.0000460	.004161	.034817	.0004420
%RSD	.5527560	.3002149	.6369008	.7798282	.1589703	.7231394	2.938327
#1	7.029863	4.125658	.0506406	.0059505	2.621919	4.796904	.0149454
#2	6.995086	4.112598	.0511077	.0058874	2.613970	4.854779	.0155256
#3	6.952685	4.137354	.0512652	.0058609	2.615812	4.792309	.0146579

Sample Name: J5297-15 Acquired: 10/15/2018 16:10:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA3Z47 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.932806	.0346351	.3189611
Stddev	.007075	.0013609	.0008282
%RSD	.3660289	3.929112	.2596511
#1	1.925411	.0353948	.3190623
#2	1.939509	.0354465	.3180870
#3	1.933497	.0330640	.3197340

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2494.657	2764.136	57941.18	5789.480	3400.963
Stddev	2.937	2.090	36.56	40.412	5.970
%RSD	.1177134	.0756002	.0631001	.6980175	.1755261
#1	2497.878	2762.655	57898.97	5803.922	3395.126
#2	2492.128	2766.526	57962.79	5743.831	3407.057
#3	2493.965	2763.227	57961.79	5820.686	3400.705

Sample Name: J5286-06 Acquired: 10/15/2018 16:30:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0084 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2969247	-.084154	2.438067	-.305467	.2444569	41.82956
Stddev	.0065754	.006472	.005243	.011343	.0030390	.07342
%RSD	2.214493	7.690518	.2150607	3.713259	1.243166	.1755285
#1	.2968285	-.079483	2.444116	-.302661	.2419302	41.89932
#2	.3035477	-.091542	2.434812	-.295790	.2478291	41.83641
#3	.2903980	-.081437	2.435273	-.317949	.2436114	41.75295

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1078072	.0318293	.0242184	F -33.8663	-.551424	.1983036
Stddev	.0008909	.0004341	.0014187	.3807	.002877	.0011073
%RSD	.8263708	1.363967	5.858133	1.123997	.5216969	.5584056
#1	.1068941	.0314761	.0252920	-34.1549	-.550775	.1995633
#2	.1086741	.0316977	.0226100	-34.0090	-.554570	.1974842
#3	.1078534	.0323140	.0247532	-33.4349	-.548928	.1978632

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5816671	F 5811.205	.3771662	1.683347	-.036893	^ *****
Stddev	.0028516	24.102	.0032879	.093012	.001677	-----
%RSD	.4902507	.4147478	.8717423	5.525444	4.544878	-----
#1	.5783779	5819.649	.3774314	1.671036	-.037618	^ -----
#2	.5831795	5829.949	.3737537	1.597102	-.038086	^ -----
#3	.5834440	5784.018	.3803135	1.781901	-.034976	^ -----

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.37740	.2513704	.0855720	2.602610	22.71303	^ *****
Stddev	.32246	.0076656	.0147134	.027077	.03347	-----
%RSD	2.605238	3.049524	17.19421	1.040388	.1473517	-----
#1	12.58297	.2487425	.0859066	2.571758	22.74895	^ -----
#2	12.00575	.2600044	.1001153	2.622428	22.70743	^ -----
#3	12.54348	.2453644	.0706941	2.613645	22.68272	^ -----

Sample Name: J5286-06 Acquired: 10/15/2018 16:30:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0084 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6980545	233.4444	14.57569	-.061022	.3040567	.0023448
Stddev	.0010172	.1960	.08517	.003264	.0018318	.0020734
%RSD	.1457130	.0839802	.5843411	5.348162	.6024411	88.42253
#1	.6983794	233.5515	14.51402	-.058871	.3057840	.0011918
#2	.6969146	233.5637	14.54017	-.064777	.3021359	.0047384
#3	.6988695	233.2182	14.67287	-.059417	.3042503	.0011043

Elem	Sr4077
Units	ppm
Avg	.0085231
Stddev	.0001114
%RSD	1.307136
#1	.0084484
#2	.0086512
#3	.0084698

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1866.308	2082.160	46529.86	4614.533	2752.829
Stddev	6.702	6.483	127.48	5.051	13.017
%RSD	.3590819	.3113451	.2739679	.1094606	.4728601
#1	1858.586	2075.595	46389.99	4618.299	2738.699
#2	1870.610	2082.327	46560.07	4608.793	2755.457
#3	1869.727	2088.557	46639.52	4616.507	2764.332

Sample Name: J5285-02DLX2 Acquired: 10/15/2018 16:42:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0056 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0186246	-.002230	.1802173	-.001531	.0021887	9.055051	.2099678
Stddev	.0069837	.001694	.0033060	.002285	.0009248	.007172	.0005907
%RSD	37.49714	75.98565	1.834470	149.2014	42.25584	.0792096	.2813339
#1	.0221273	-.000571	.1800697	-.003678	.0032324	9.048107	.2097204
#2	.0231637	-.002162	.1769876	-.001787	.0018625	9.054616	.2095409
#3	.0105827	-.003957	.1835947	.000870	.0014711	9.062432	.2106419

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012971	.0066431	470.6156	.0409792	.0111551	.0655002	28.70056
Stddev	.0000857	.0000570	1.8506	.0003783	.0002570	.0045658	.11901
%RSD	6.605320	.8586547	.3932364	.9231369	2.303615	6.970607	.4146459
#1	.0013543	.0067035	472.6886	.0406364	.0108586	.0654311	28.77443
#2	.0011986	.0065902	469.1298	.0413851	.0113113	.0701001	28.76397
#3	.0013384	.0066355	470.0285	.0409163	.0112955	.0609694	28.56328

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5640351	81.94661	.0431473	.0020187	-.045659	.0398681	.8376408
Stddev	.0062362	.00323	.0010196	.0002174	.100720	.0046468	.0134125
%RSD	1.105646	.0039402	2.363029	10.77121	220.5931	11.65539	1.601224
#1	.5702583	81.95033	.0423364	.0019865	.014205	.0448645	.8235294
#2	.5640611	81.94487	.0442919	.0022505	-.161944	.0390639	.8391694
#3	.5577859	81.94462	.0428136	.0018192	.010762	.0356760	.8502234

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.670317	1.992283	.0131302	.0027721	4.824737	1.673805	-.005096
Stddev	.058366	.003777	.0007495	.0001668	.018549	.022079	.000787
%RSD	3.494324	.1895705	5.708187	6.017711	.3844645	1.319114	15.44175
#1	1.736868	1.989196	.0123389	.0029605	4.806579	1.699297	-.004388
#2	1.646249	1.991159	.0138294	.0026432	4.823977	1.660715	-.005943
#3	1.627833	1.996494	.0132223	.0027126	4.843654	1.661402	-.004956

Sample Name: J5285-02DLX2 Acquired: 10/15/2018 16:42:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0056 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1434918	.0191335	.9999926
Stddev	.0006637	.0010104	.0035133
%RSD	.4625656	5.280816	.3513320
#1	.1441834	.0202953	1.003223
#2	.1428600	.0184600	.996252
#3	.1434320	.0186451	1.000503

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2065.383	2252.520	48679.19	4820.345	3144.501
Stddev	9.658	4.024	205.97	34.322	3.944
%RSD	.4676080	.1786501	.4231148	.7120327	.1254275
#1	2075.725	2249.718	48915.75	4783.723	3145.741
#2	2063.825	2257.131	48582.18	4851.777	3147.676
#3	2056.599	2250.711	48539.64	4825.534	3140.086

Sample Name: J5285-03DLX2 Acquired: 10/15/2018 16:46:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0057 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0314314	-.003008	.0650026	-.003827	.0020083	6.850786	.1116926
Stddev	.0005150	.000832	.0006508	.004461	.0012198	.014105	.0004451
%RSD	1.638633	27.65210	1.001189	116.5803	60.73706	.2058848	.3984791
#1	.0315030	-.002182	.0653017	-.001851	.0033914	6.834881	.1111891
#2	.0308843	-.002995	.0642561	-.000695	.0015469	6.855704	.1120335
#3	.0319069	-.003846	.0654502	-.008935	.0010865	6.861774	.1118553

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013864	.0035185	695.6998	.0534063	.0126409	.0305686	32.80138
Stddev	.0000745	.0000113	2.0753	.0001456	.0003019	.0037983	.18357
%RSD	5.371075	.3212935	.2982977	.2726459	2.388097	12.42531	.5596521
#1	.0013858	.0035183	694.1694	.0532512	.0127969	.0291186	32.58966
#2	.0013123	.0035073	694.8681	.0534276	.0122929	.0277089	32.91624
#3	.0014612	.0035299	698.0619	.0535401	.0128328	.0348783	32.89823

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.159191	206.5400	.0381026	.0014438	.7275822	.0852897	.4412148
Stddev	.002861	.8033	.0005877	.0004454	.1985565	.0128927	.0029109
%RSD	.2468014	.3889184	1.542291	30.85287	27.28990	15.11633	.6597375
#1	1.158563	205.8777	.0374413	.0019562	.8283280	.1001517	.4414337
#2	1.162313	206.3088	.0383018	.0011494	.4988491	.0771093	.4440101
#3	1.156696	207.4335	.0385648	.0012257	.8555696	.0786081	.4382007

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.279582	13.87559	.0089221	.0030620	2.096508	.5095245	-.005876
Stddev	.070698	.02252	.0012227	.0001469	.017607	.0038384	.000452
%RSD	5.525101	.1622789	13.70406	4.798472	.8398385	.7533347	7.700321
#1	1.292615	13.85048	.0084434	.0029208	2.077978	.5082873	-.006103
#2	1.203275	13.89398	.0080112	.0032141	2.113018	.5064572	-.005355
#3	1.342858	13.88232	.0103117	.0030513	2.098528	.5138290	-.006171

Sample Name: J5285-03DLX2 Acquired: 10/15/2018 16:46:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0057 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1048188	.0235384	.7273497
Stddev	.0010675	.0015408	.0022841
%RSD	1.018377	6.545873	.3140291
#1	.1047633	.0217593	.7248909
#2	.1037802	.0244118	.7277526
#3	.1059129	.0244439	.7294055

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2052.311	2225.459	48780.25	4783.055	2992.197
Stddev	9.456	3.286	145.81	18.242	.710
%RSD	.4607559	.1476457	.2989081	.3813927	.0237176
#1	2041.392	2223.823	48612.16	4782.834	2991.430
#2	2057.700	2229.242	48855.93	4801.407	2992.831
#3	2057.840	2223.313	48872.66	4764.924	2992.331

Sample Name: J5285-04DLX2 Acquired: 10/15/2018 16:50:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0058 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0364121	-.001307	.1518016	-.004055	.0026663	11.14510	.5014531
Stddev	.0013669	.001229	.0023413	.001371	.0010145	.03241	.0004442
%RSD	3.753855	94.09261	1.542315	33.81350	38.05027	.2907639	.0885894
#1	.0349995	-.001764	.1518844	-.004255	.0019872	11.12614	.5014762
#2	.0377280	-.002242	.1494201	-.005316	.0038326	11.12665	.5018854
#3	.0365089	.000086	.1541004	-.002595	.0021793	11.18252	.5009978

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013920	.0064876	521.0096	.0294230	.0145579	.0374978	40.87019
Stddev	.0000325	.0001033	.7564	.0001893	.0002810	.0002276	.09869
%RSD	2.330934	1.592881	.1451762	.6434557	1.930332	.6069479	.2414781
#1	.0013862	.0065339	520.1509	.0292653	.0146034	.0374674	40.91766
#2	.0014270	.0063692	521.3011	.0293708	.0142569	.0372870	40.93618
#3	.0013629	.0065597	521.5770	.0296330	.0148133	.0377391	40.75673

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9435145	69.63372	.0461202	.0021331	.1161336	.0452222	.7310802
Stddev	.0063235	.03961	.0002663	.0003518	.2239757	.0042285	.0121706
%RSD	.6702106	.0568841	.5774056	16.49184	192.8603	9.350564	1.664740
#1	.9481869	69.67556	.0459725	.0025312	.2284656	.0493816	.7400385
#2	.9363189	69.62881	.0459605	.0018642	.2617131	.0409277	.7172237
#3	.9460377	69.59680	.0464276	.0020039	-.141778	.0453572	.7359784

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.224979	1.849611	.0092051	.0026826	1.346509	.4965020	-.007114
Stddev	.045884	.010038	.0011938	.0002370	.005653	.0044882	.001111
%RSD	3.745715	.5427234	12.96890	8.834868	.4198276	.9039565	15.61173
#1	1.270959	1.842640	.0092462	.0024795	1.341996	.4929535	-.007619
#2	1.179191	1.845077	.0103778	.0026253	1.344681	.4950053	-.005841
#3	1.224787	1.861116	.0079913	.0029430	1.352850	.5015473	-.007883

Sample Name: J5285-04DLX2 Acquired: 10/15/2018 16:50:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0058 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1432991	.0272932	1.006712
Stddev	.0018051	.0009583	.000996
%RSD	1.259642	3.511202	.0989182
#1	.1421584	.0261874	1.007572
#2	.1453802	.0278814	1.006942
#3	.1423588	.0278108	1.005621

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2101.710	2301.055	49548.92	4874.569	3151.337
Stddev	5.628	3.832	89.73	8.219	5.546
%RSD	.2677679	.1665516	.1810919	.1686064	.1759742
#1	2101.519	2298.350	49469.42	4874.621	3145.255
#2	2107.431	2305.441	49531.13	4882.762	3156.113
#3	2096.181	2299.375	49646.22	4866.324	3152.642

Sample Name: J5285-11DLX2 Acquired: 10/15/2018 16:54:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0065 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1391561	-.000943	3.382168	.0286536	.0485927	10.18396
Stddev	.0071070	.004431	.006012	.0023532	.0004173	.06706
%RSD	5.107199	469.8454	.1777582	8.212487	.8587201	.6585340
#1	.1347883	.000897	3.386107	.0279862	.0487383	10.12161
#2	.1473568	-.005998	3.375248	.0267062	.0489177	10.25491
#3	.1353234	.002272	3.385149	.0312684	.0481222	10.17536

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0881732	.0014318	.9710659	427.6256	.0225145	.0187947
Stddev	.0010555	.0000830	.0034978	2.6687	.0006433	.0001790
%RSD	1.197099	5.794427	.3602022	.6240797	2.857431	.9523420
#1	.0870425	.0015205	.9721041	427.0237	.0217722	.0186294
#2	.0891326	.0014187	.9671665	430.5438	.0229101	.0189848
#3	.0883445	.0013561	.9739271	425.3092	.0228612	.0187701

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2768726	49.94267	1.040129	113.1832	.0460067	.1047975
Stddev	.0044875	.38586	.008502	.7809	.0004507	.0005952
%RSD	1.620789	.7725968	.8173641	.6899472	.9797584	.5679510
#1	.2718979	49.99968	1.037979	113.1166	.0456544	.1054583
#2	.2806159	50.29685	1.049499	113.9953	.0465147	.1046306
#3	.2781039	49.53148	1.032908	112.4377	.0458511	.1043035

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.026551	.0220509	F 93.20700	.9861321	1.388843	.0276971
Stddev	.086956	.0074364	.39945	.0240348	.008332	.0008433
%RSD	327.4996	33.72358	.4285667	2.437283	.5998987	3.044737
#1	.005090	.0300490	92.74645	.9824688	1.398086	.0275827
#2	-.124898	.0207581	93.41521	1.011788	1.381909	.0285918
#3	.040153	.0153458	93.45934	.964139	1.386534	.0269169

Sample Name: J5285-11DLX2 Acquired: 10/15/2018 16:54:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0065 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025021	1.025733	.3972181	-.004989	.0956231	.0479330
Stddev	.0004697	.009882	.0023403	.001005	.0012399	.0001872
%RSD	18.77046	.9634150	.5891686	20.14756	1.296614	.3905958
#1	.0029518	1.024024	.3948833	-.004799	.0959204	.0480111
#2	.0020148	1.016817	.3972073	-.006075	.0942617	.0477194
#3	.0025397	1.036358	.3995638	-.004092	.0966873	.0480686

Elem	Sr4077
Units	ppm
Avg	.2633338
Stddev	.0008167
%RSD	.3101541
#1	.2637868
#2	.2638237
#3	.2623910

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2055.164	2242.790	48372.95	4792.745	3134.260
Stddev	9.130	3.046	36.93	18.270	9.604
%RSD	.4442539	.1358044	.0763403	.3811973	.3064128
#1	2063.475	2239.763	48368.18	4781.246	3125.576
#2	2056.628	2245.854	48338.65	4783.177	3144.575
#3	2045.391	2242.752	48412.04	4813.812	3132.629

Sample Name: J5286-10LDLX10 Acquired: 10/15/2018 17:00:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0088L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0520051	.0007396	.0133768	-.002982	.0000792	2.081805	.0363238
Stddev	.0015548	.0022560	.0007364	.002801	.0019127	.011506	.0004148
%RSD	2.989736	305.0279	5.505238	93.92447	2414.751	.5527062	1.141936
#1	.0502114	.0014010	.0128756	-.006212	.0008631	2.068525	.0364535
#2	.0528351	-.001773	.0142223	-.001492	-.002101	2.088091	.0366583
#3	.0529688	.002591	.0130325	-.001241	.001475	2.088799	.0358597

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002955	.0006471	150.1514	.0090876	.0017547	.0174427	7.797241
Stddev	.0000217	.0000403	.9140	.0001939	.0001330	.0036761	.062279
%RSD	7.356898	6.223443	.6086995	2.133703	7.578347	21.07501	.7987259
#1	.0003175	.0006153	149.1804	.0092940	.0017782	.0138300	7.778599
#2	.0002950	.0006336	150.2790	.0089092	.0016115	.0173192	7.746413
#3	.0002740	.0006924	150.9949	.0090596	.0018743	.0211790	7.866712

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7311979	80.08169	.0128468	.0015522	-.209321	.0088628	.0622480
Stddev	.0065344	.80015	.0002392	.0004012	.173739	.0109325	.0118077
%RSD	.8936529	.9991659	1.861944	25.84892	83.00112	123.3529	18.96877
#1	.7237645	79.21795	.0130214	.0019910	-.384526	.0212084	.0549852
#2	.7337933	80.22948	.0125742	.0012039	-.037086	.0004076	.0758724
#3	.7360358	80.79764	.0129448	.0014618	-.206353	.0049723	.0558865

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2430269	.8216129	-.000634	.0006672	.2179324	.3562893	-.005757
Stddev	.0136049	.0013174	.000520	.0000514	.0017273	.0055365	.001650
%RSD	5.598088	.1603419	82.11354	7.696740	.7925731	1.553924	28.66345
#1	.2560173	.8224626	-.000234	.0007077	.2185889	.3512325	-.004326
#2	.2441820	.8200953	-.001222	.0006844	.2159732	.3622050	-.007562
#3	.2288813	.8222807	-.000446	.0006094	.2192352	.3554302	-.005384

Sample Name: J5286-10LDLX10 Acquired: 10/15/2018 17:00:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0088L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0536905	-.002888	.0694511
Stddev	.0020324	.000994	.0005310
%RSD	3.785419	34.43402	.7645053
#1	.0538991	-.003318	.0688424
#2	.0556105	-.001751	.0698185
#3	.0515618	-.003595	.0696926

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2074.652	2283.555	48250.48	4788.172	3280.779
Stddev	4.644	5.022	154.85	31.614	8.170
%RSD	.2238671	.2199177	.3209365	.6602478	.2490276
#1	2078.094	2280.981	48342.31	4817.276	3271.356
#2	2076.494	2280.341	48337.43	4792.702	3285.893
#3	2069.370	2289.342	48071.69	4754.537	3285.086

Sample Name: J5286-02DLX4 Acquired: 10/15/2018 17:04:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0076 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0374571	-.006004	.3214373	-.056717	.0293098	5.102841	.0090057
Stddev	.0016264	.002468	.0024812	.001882	.0011849	.027952	.0009086
%RSD	4.342045	41.10348	.7719121	3.317642	4.042552	.5477797	10.08881
#1	.0359906	-.007599	.3239930	-.057364	.0306727	5.097783	.0080543
#2	.0392063	-.007252	.3190380	-.058190	.0287323	5.132977	.0098642
#3	.0371743	-.003162	.3212809	-.054597	.0285244	5.077763	.0090987

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047310	.0019659	-3.99013	-.058780	.0205124	.0600913	629.6992
Stddev	.0000049	.0001522	.07719	.000223	.0002101	.0039933	2.1184
%RSD	.1042815	7.743342	1.934535	.3788558	1.024111	6.645368	.3364223
#1	.0047259	.0017902	-4.01243	-.059026	.0204039	.0577828	628.2539
#2	.0047313	.0020513	-4.05371	-.058592	.0203788	.0647024	628.7126
#3	.0047358	.0020562	-3.90424	-.058723	.0207546	.0577888	632.1309

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0441884	.0762760	-.002999	.0082267	1.431077	.0258319	.0519316
Stddev	.0007718	.0600951	.000364	.0002110	.119749	.0067184	.0193684
%RSD	1.746652	78.78634	12.14384	2.565132	8.367787	26.00811	37.29596
#1	.0438301	.0270768	-.002595	.0080180	1.303381	.0314223	.0394265
#2	.0436608	.1432548	-.003303	.0082220	1.540862	.0183787	.0421265
#3	.0450742	.0584964	-.003099	.0084400	1.448990	.0276948	.0742420

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1730268	2.696401	.2350531	.0957487	30.43247	1.690725	-.008476
Stddev	.0339970	.012250	.0021930	.0005379	.05592	.006159	.000474
%RSD	19.64842	.4543005	.9329813	.5617603	.1837593	.3643078	5.592590
#1	.1764465	2.704453	.2334039	.0954844	30.41485	1.687515	-.008026
#2	.2051848	2.702446	.2342134	.0963675	30.49508	1.686835	-.008433
#3	.1374492	2.682304	.2375418	.0953940	30.38748	1.697827	-.008971

Sample Name: J5286-02DLX4 Acquired: 10/15/2018 17:04:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0076 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0329337	-.009326	.0009839
Stddev	.0030219	.002393	.0000363
%RSD	9.175770	25.65622	3.684471
#1	.0362171	-.012084	.0009979
#2	.0302690	-.008081	.0010112
#3	.0323150	-.007812	.0009428

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2103.725	2345.604	48860.13	4840.241	3398.704
Stddev	8.203	2.165	162.03	21.993	4.223
%RSD	.3899209	.0923045	.3316140	.4543794	.1242559
#1	2096.778	2343.836	48753.50	4830.876	3394.419
#2	2112.775	2348.019	49046.58	4865.367	3398.831
#3	2101.622	2344.958	48780.31	4824.481	3402.863

Sample Name: J5286-06DLX10 Acquired: 10/15/2018 17:09:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0084 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0395597	-.006713	.2542958	-.046228	.0245065	4.234887	.0075825
Stddev	.0044119	.003820	.0015466	.006380	.0007582	.036603	.0008602
%RSD	11.15251	56.89578	.6081856	13.80172	3.093905	.8643257	11.34444
#1	.0405479	-.004044	.2538286	-.047508	.0236318	4.203551	.0073075
#2	.0347375	-.005007	.2530367	-.039305	.0249765	4.225992	.0085465
#3	.0433937	-.011089	.2560221	-.051871	.0249112	4.275118	.0068934

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038543	.0015905	-3.21833	-.046931	.0169016	.0849285	515.6464
Stddev	.0000932	.0001343	.02879	.000821	.0003798	.0026153	5.1648
%RSD	2.418318	8.445121	.8947050	1.748609	2.246903	3.079398	1.001612
#1	.0039579	.0017456	-3.25031	-.046327	.0166706	.0822813	511.0693
#2	.0037773	.0015130	-3.19448	-.046601	.0166942	.0849935	514.6240
#3	.0038277	.0015130	-3.21018	-.047865	.0173399	.0875107	521.2459

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0378628	.1463877	-.001245	.0065994	.8650498	.0260861	.0622939
Stddev	.0021966	.0331005	.000345	.0008198	.1235388	.0065086	.0240681
%RSD	5.801458	22.61152	27.74322	12.42175	14.28112	24.95042	38.63640
#1	.0380097	.1532703	-.001474	.0059489	.7995107	.0186981	.0807399
#2	.0355964	.1103871	-.001413	.0063292	1.007548	.0285863	.0710731
#3	.0399822	.1755059	-.000848	.0075201	.788091	.0309739	.0350686

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2625583	2.333127	.1855165	.0727609	25.51005	1.633841	-.007815
Stddev	.0139451	.007153	.0005959	.0007086	.02377	.015991	.000855
%RSD	5.311247	.3065971	.3212046	.9739272	.0931961	.9787633	10.94300
#1	.2542182	2.341231	.1850467	.0727671	25.53479	1.621128	-.008675
#2	.2547994	2.327692	.1853162	.0720491	25.48737	1.628600	-.006965
#3	.2786572	2.330457	.1861868	.0734663	25.50800	1.651796	-.007803

Sample Name: J5286-06DLX10 Acquired: 10/15/2018 17:09:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0084 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0326710	-.009130	.0008721
Stddev	.0012000	.001130	.0000933
%RSD	3.672917	12.37783	10.69316
#1	.0316810	-.009313	.0009463
#2	.0340056	-.010158	.0009026
#3	.0323264	-.007920	.0007674

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2086.090	2334.021	48410.33	4784.451	3390.943
Stddev	6.104	2.855	114.73	35.948	2.364
%RSD	.2925843	.1223052	.2370016	.7513546	.0697205
#1	2091.725	2331.238	48314.03	4814.404	3390.488
#2	2079.607	2333.883	48537.28	4794.362	3393.502
#3	2086.939	2336.942	48379.69	4744.587	3388.840

Sample Name: J5285-01DLX4 Acquired: 10/15/2018 17:13:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0055 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0165024	-.002007	.0515470	-.005179	.0018583	7.574799	.0881800
Stddev	.0003852	.001016	.0014031	.003181	.0014219	.043714	.0014279
%RSD	2.333907	50.63322	2.722037	61.42859	76.51492	.5770941	1.619339
#1	.0166534	-.002610	.0531482	-.005539	.0004255	7.582146	.0865489
#2	.0167892	-.000834	.0505322	-.008164	.0018805	7.527877	.0892048
#3	.0160647	-.002577	.0509606	-.001833	.0032690	7.614373	.0887862

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008678	.0028028	600.8456	.0235329	.0090881	.0218067	28.12447
Stddev	.0000329	.0001090	.7198	.0009760	.0004740	.0008927	.07644
%RSD	3.796342	3.889590	.1197990	4.147393	5.215089	4.093853	.2718014
#1	.0008914	.0026784	601.0169	.0239129	.0086529	.0227321	28.17923
#2	.0008301	.0028478	600.0557	.0242618	.0090183	.0209507	28.15704
#3	.0008817	.0028820	601.4644	.0224241	.0095931	.0217372	28.03714

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6211877	90.15514	.0409997	.0011659	-.018786	.0321031	.3071159
Stddev	.0024253	.14808	.0006214	.0002629	.062472	.0026110	.0043152
%RSD	.3904247	.1642458	1.515707	22.54508	332.5496	8.133304	1.405085
#1	.6183872	89.99461	.0405912	.0012720	-.077551	.0340631	.3098836
#2	.6225855	90.28639	.0417149	.0008666	.046828	.0331072	.3021437
#3	.6225904	90.18442	.0406931	.0013592	-.025634	.0291391	.3093205

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6618879	1.780755	.0041907	.0033668	1.316564	.4919962	-.006893
Stddev	.0287007	.007674	.0004785	.0002920	.003825	.0027925	.000191
%RSD	4.336190	.4309204	11.41722	8.673284	.2905160	.5675837	2.778132
#1	.6735999	1.786794	.0036614	.0030372	1.315374	.4915973	-.006741
#2	.6291832	1.772120	.0045925	.0035932	1.320843	.4894246	-.006830
#3	.6828806	1.783352	.0043182	.0034699	1.313476	.4949667	-.007108

Sample Name: J5285-01DLX4 Acquired: 10/15/2018 17:13:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0055 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0340785	.0229628	2.008779
Stddev	.0006520	.0014497	.000917
%RSD	1.913146	6.313325	.0456368
#1	.0336296	.0215573	2.007720
#2	.0337795	.0244530	2.009307
#3	.0348263	.0228780	2.009309

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2077.818	2258.078	48953.46	4815.552	3115.487
Stddev	1.023	1.998	38.74	17.006	4.351
%RSD	.0492190	.0884767	.0791268	.3531510	.1396428
#1	2078.726	2259.425	48918.31	4803.991	3120.360
#2	2076.710	2255.783	48994.99	4807.585	3114.109
#3	2078.019	2259.026	48947.08	4835.079	3111.993

Sample Name: J5297-06 Acquired: 10/15/2018 17:17:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA3Z45 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000405	-.002220	.1815598	.0021260	.3908883	9.116243	.0140153
Stddev	.005473	.001859	.0010168	.0015080	.0019636	.059648	.0004740
%RSD	1352.854	83.72015	.5600579	70.93051	.5023347	.6543050	3.382227
#1	-.006621	-.004310	.1815985	.0015148	.3921761	9.099087	.0145298
#2	.001719	-.000753	.1805242	.0010195	.3886283	9.182589	.0139199
#3	.003688	-.001597	.1825568	.0038436	.3918605	9.067053	.0135962

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0999084	.0496129	2.059836	.1554961	.2556031	.1979819	1.769075
Stddev	.0003242	.0001155	.022717	.0013405	.0004157	.0044386	.015280
%RSD	.3244964	.2327668	1.102867	.8620560	.1626466	2.241909	.8637022
#1	.0998661	.0496968	2.061713	.1541054	.2560290	.1977236	1.776453
#2	.1002516	.0496606	2.036239	.1556032	.2551984	.2025440	1.779265
#3	.0996074	.0494812	2.081557	.1567799	.2555818	.1936781	1.751506

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124781	24.62720	.0039098	.1770943	31.84361	.0043266	.3645130
Stddev	.0021117	.21962	.0001847	.0010856	.21591	.0067363	.0148614
%RSD	16.92335	.8917823	4.725198	.6130069	.6780182	155.6956	4.077056
#1	.0112673	24.59971	.0038704	.1779495	31.66178	.0064888	.3503732
#2	.0112506	24.42262	.0037479	.1758729	31.78683	.0097163	.3800038
#3	.0149165	24.85927	.0041111	.1774603	32.08224	-.003225	.3631622

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.29818	.0171864	.0063965	.0003296	.2223476	.8493316	-.000787
Stddev	.23536	.0024662	.0009124	.0005146	.0035395	.0208650	.001094
%RSD	.5699078	14.34955	14.26401	156.1047	1.591855	2.456635	139.0946
#1	41.11040	.0147467	.0055508	-.000174	.2255705	.8716187	-.001707
#2	41.56222	.0171342	.0062751	.000309	.2229127	.8461136	-.001076
#3	41.22193	.0196782	.0073635	.000854	.2185596	.8302626	.000423

Sample Name: J5297-06 Acquired: 10/15/2018 17:17:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA3Z45 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0168660	-.010592	.0138155
Stddev	.0018592	.000570	.0001726
%RSD	11.02335	5.378568	1.249074
#1	.0154513	-.010412	.0139615
#2	.0189718	-.010134	.0136250
#3	.0161749	-.011230	.0138599

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2156.687	2386.367	49654.07	4889.590	3484.431
Stddev	3.595	3.600	139.58	33.316	5.124
%RSD	.1666895	.1508690	.2811070	.6813695	.1470599
#1	2152.825	2387.374	49594.50	4910.130	3483.191
#2	2157.300	2389.356	49554.15	4851.150	3490.062
#3	2159.936	2382.370	49813.55	4907.490	3480.041

Sample Name: CCV068 Acquired: 10/15/2018 17:21:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV068 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.037408	5.046035	25.11562	4.789544	5.172880	411.2762
Stddev	.008238	.011025	.01360	.013735	.010989	1.7723
%RSD	.1635296	.2184970	.0541323	.2867688	.2124423	.4309162
#1	5.033803	5.054649	25.10123	4.778096	5.162833	413.0997
#2	5.046834	5.033610	25.12825	4.804774	5.184616	409.5600
#3	5.031587	5.049846	25.11737	4.785763	5.171190	411.1688

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.43426	.4808823	2.406310	407.2010	15.03111	2.576711
Stddev	.02276	.0029073	.002423	2.9193	.00573	.001031
%RSD	.2181616	.6045703	.1006853	.7169155	.0380931	.0400109
#1	10.45834	.4841302	2.404351	409.6580	15.03195	2.575809
#2	10.43135	.4785232	2.405559	403.9738	15.03638	2.577835
#3	10.41310	.4799934	2.409019	407.9711	15.02502	2.576488

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.00179	402.9581	14.76477	393.8867	2.578516	1.275320
Stddev	.04388	3.4695	.14965	3.3613	.006229	.005101
%RSD	.2924963	.8609997	1.013575	.8533580	.2415645	.3999553
#1	15.04941	405.3488	14.89818	396.3137	2.571494	1.281210
#2	14.96299	398.9787	14.60295	390.0502	2.580678	1.272367
#3	14.99298	404.5466	14.79317	395.2963	2.583375	1.272382

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	406.3721	2.492825	15.39848	157.9518	F 41.92641	4.647793
Stddev	1.6654	.017542	.13015	.4773	.03159	.013366
%RSD	.4098269	.7037054	.8452068	.3021632	.0753424	.2875817
#1	407.9992	2.511496	15.39724	158.3432	41.93823	4.663106
#2	404.6708	2.476688	15.26896	157.4201	41.95038	4.641804
#3	406.4461	2.490291	15.52925	158.0920	41.89061	4.638469

Sample Name: CCV068 Acquired: 10/15/2018 17:21:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV068 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.856302	41.93736	4.909733	5.104227	5.014714	5.183720
Stddev	.009984	.06644	.024695	.010645	.029898	.009768
%RSD	.2055926	.1584217	.5029759	.2085541	.5962077	.1884441
#1	4.845185	41.97796	4.938248	5.091941	5.045370	5.194996
#2	4.864507	41.97343	4.895559	5.110038	4.985636	5.177834
#3	4.859212	41.86069	4.895393	5.110701	5.013135	5.178330

Elem	Sr4077
Units	ppm
Avg	4.912157
Stddev	.001708
%RSD	.0347734
#1	4.913099
#2	4.910185
#3	4.913186

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1884.725	2005.619	46300.47	4594.218	2781.191
Stddev	9.880	2.617	99.72	19.352	3.825
%RSD	.5242248	.1304595	.2153821	.4212207	.1375228
#1	1882.067	2002.675	46245.83	4572.722	2776.799
#2	1895.663	2006.505	46240.01	4610.251	2782.987
#3	1876.446	2007.678	46415.57	4599.681	2783.787

Sample Name: CCB068 Acquired: 10/15/2018 17:24:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB068 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001782	-.003467	.0005711	-.000803	-.000849	-.003504	-.003733
Stddev	.002444	.002070	.0014721	.003841	.001313	.007267	.000602
%RSD	137.1619	59.71506	257.7358	478.4591	154.6190	207.3834	16.11406
#1	-.004582	-.001097	.0022500	-.004170	-.000852	-.005669	-.003042
#2	-.000689	-.004925	-.000499	-.001619	-.002161	.004599	-.004137
#3	-.000075	-.004377	-.000038	.003381	.000465	-.009443	-.004020

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000081	-.000024	.0102306	.0001320	.0002812	.0004473	.0060086
Stddev	.0000237	.000004	.0240517	.0002427	.0001770	.0016614	.0200748
%RSD	291.9078	17.15982	235.0958	183.8334	62.96246	371.4637	334.0983
#1	-.000018	-.000028	.0203660	-.000007	.0004850	.0023296	-.006862
#2	.000015	-.000020	-.017230	-.000009	.0001662	-.000815	.029140
#3	.000027	-.000025	.027556	.000412	.0001923	-.000173	-.004253

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001159	.0036360	-.000192	.0011149	.0067686	-.002545	.0016862
Stddev	.002872	.0372679	.000199	.0001443	.1685850	.002102	.0105035
%RSD	247.8401	1024.960	104.0510	12.94609	2490.708	82.58775	622.9128
#1	-.000992	.0310319	.000020	.0012486	-.184467	-.000185	.0131368
#2	.001626	-.038802	-.000376	.0009619	.070881	-.004216	-.000577
#3	-.004111	.018678	-.000218	.0011342	.133892	-.003234	-.007501

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1024447	-.005095	.0084716	.0004539	.0036776	-.002129	-.002485
Stddev	.0162988	.002780	.0006400	.0001810	.0020732	.000159	.000565
%RSD	15.90982	54.55663	7.555028	39.87925	56.37225	7.447497	22.73555
#1	.0836519	-.002962	.0091352	.0003140	.0059665	-.002221	-.001992
#2	.1109610	-.004085	.0078581	.0006583	.0031403	-.002220	-.003101
#3	.1127211	-.008239	.0084214	.0003894	.0019260	-.001946	-.002361

Sample Name: CCB068 Acquired: 10/15/2018 17:24:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v690) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB068 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009199	-.003365	-.000005
Stddev	.0008481	.001368	.000030
%RSD	92.19232	40.65274	627.2808
#1	.0010370	-.004750	.000030
#2	.0000193	-.003329	-.000019
#3	.0017033	-.002015	-.000026

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2140.438	2382.273	48977.78	4843.777	3498.051
Stddev	8.584	4.369	82.67	9.174	6.144
%RSD	.4010308	.1833787	.1687915	.1894080	.1756402
#1	2136.747	2378.959	48889.76	4854.350	3495.090
#2	2150.249	2387.224	49053.79	4839.060	3505.115
#3	2134.316	2380.636	48989.79	4837.920	3493.949