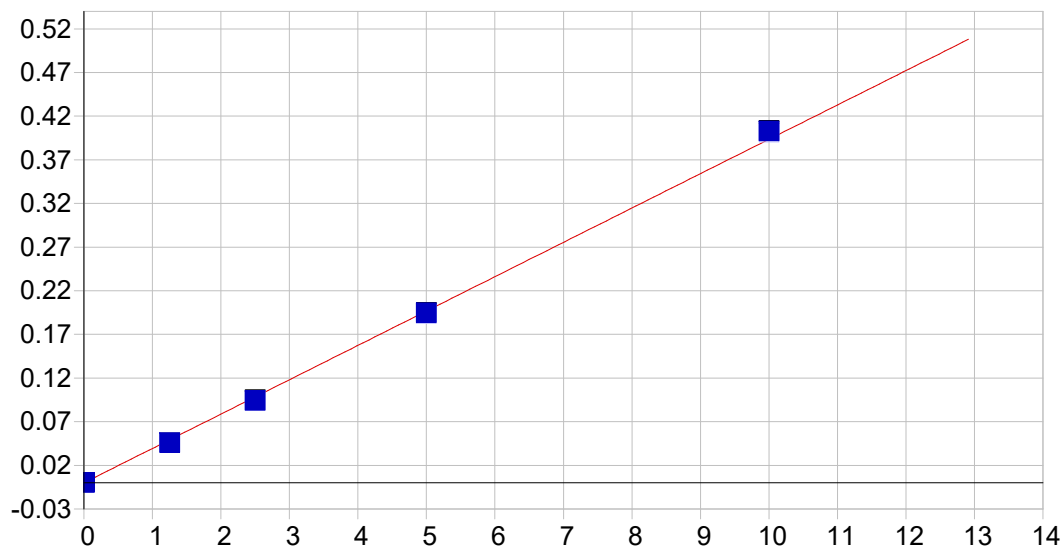


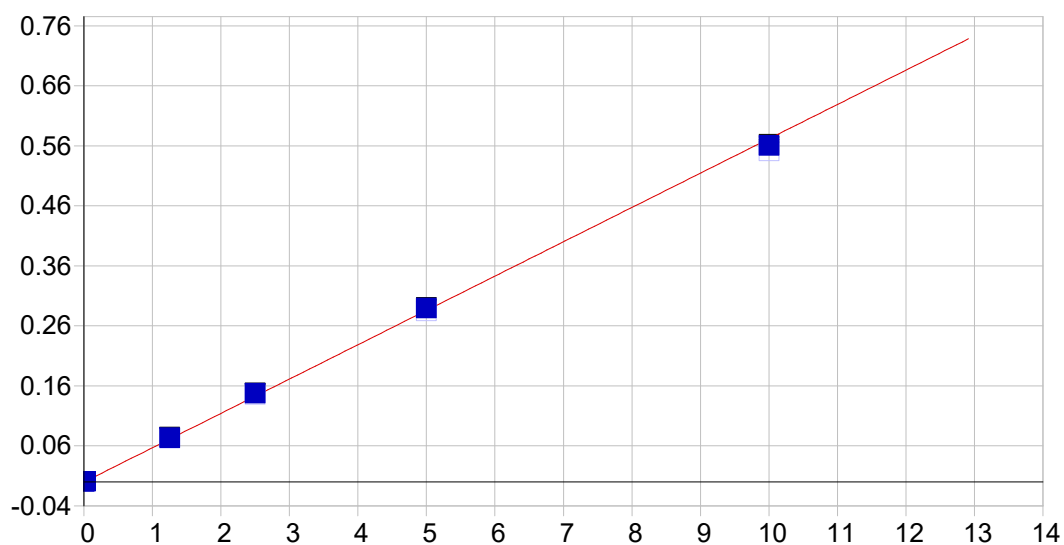


As 189.042 {479}

Date of Fit: 03/22/2023 16:09:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000003 Re-Slope: 1.000000
 A1 (Gain): 0.039346 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999572 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.007247
 Predicted MQL: 0.024158

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00000	.000	1
S1	.01000	.00853	-.001	-14.7	.00033	.000	1
S2	1.2500	1.1705	-.080	-6.36	.04585	.000	1
S3	2.5000	2.3967	-.103	-4.13	.09390	.001	1
S4	5.0000	4.9440	-.056	-1.12	.19373	.000	1
S5	10.000	10.240	.240	2.40	.40133	.001	1

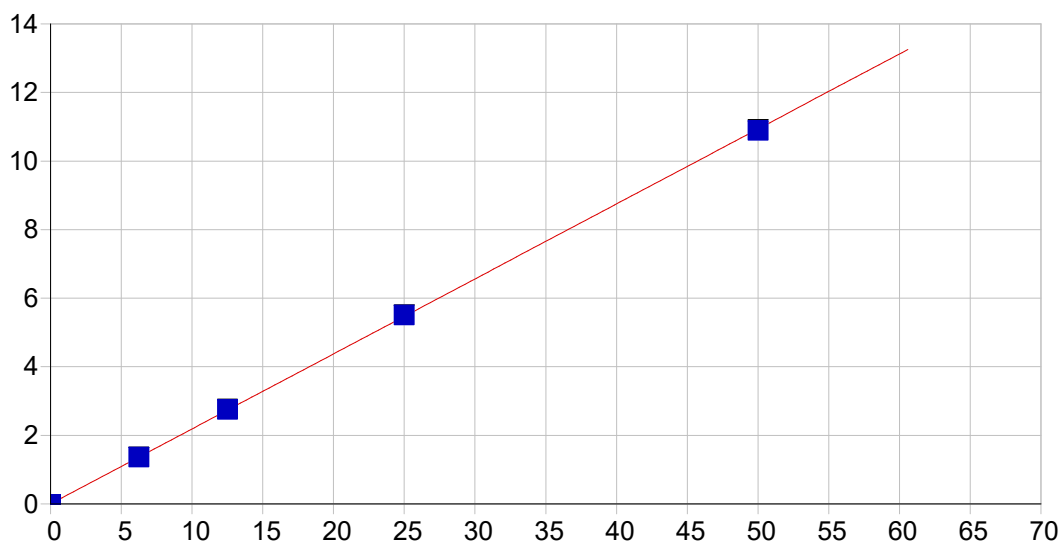


TI 190.856 {477}

Date of Fit: 03/22/2023 16:09:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000268 Re-Slope: 1.000000
 A1 (Gain): 0.057205 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999735 Status: OK.
 Std Error of Est: 0.000034
 Predicted MDL: 0.004146
 Predicted MQL: 0.013821

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00027	.000	1
S1	.02500	.02745	.002	9.80	.00125	.000	1
S2	1.2500	1.2921	.042	3.37	.07254	.001	1
S3	2.5000	2.5907	.091	3.63	.14572	.001	1
S4	5.0000	5.0625	.063	1.25	.28491	.001	1
S5	10.000	9.8023	-.198	-1.98	.55161	.002	1

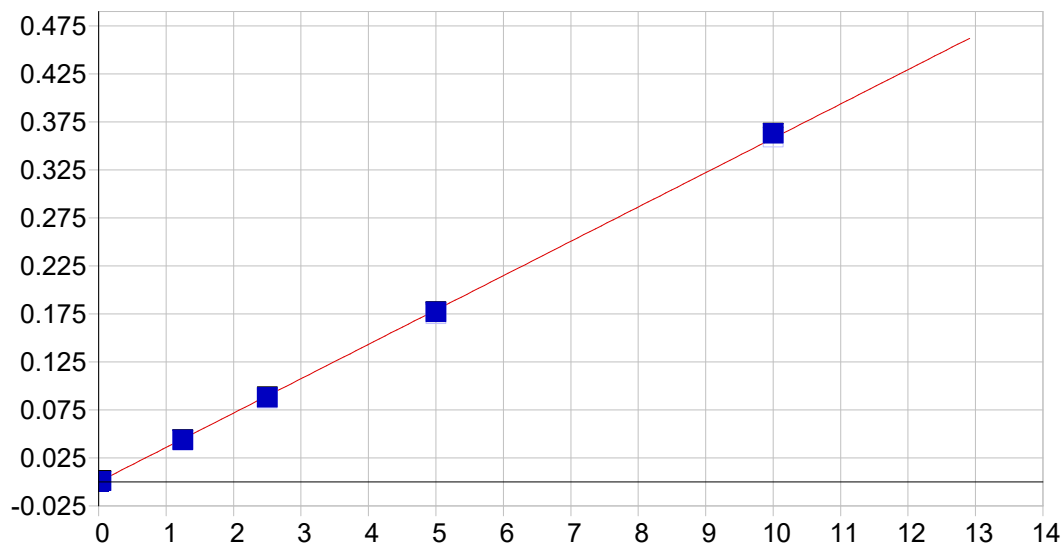


Pb 220.353 {453}

Date of Fit: 03/22/2023 16:09:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000582 Re-Slope: 1.000000
 A1 (Gain): 0.218718 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984 Status: OK.
 Std Error of Est: 0.000047
 Predicted MDL: 0.002429
 Predicted MQL: 0.008097

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00058	.000	1
S1	.01000	.01113	.001	11.3	.00301	.000	1
S2	6.2500	6.2084	-.042	-.666	1.3590	.001	1
S3	12.500	12.594	.094	.752	2.7562	.004	1
S4	25.000	25.160	.160	.641	5.5057	.011	1
S5	50.000	49.786	-.214	-.428	10.894	.023	1

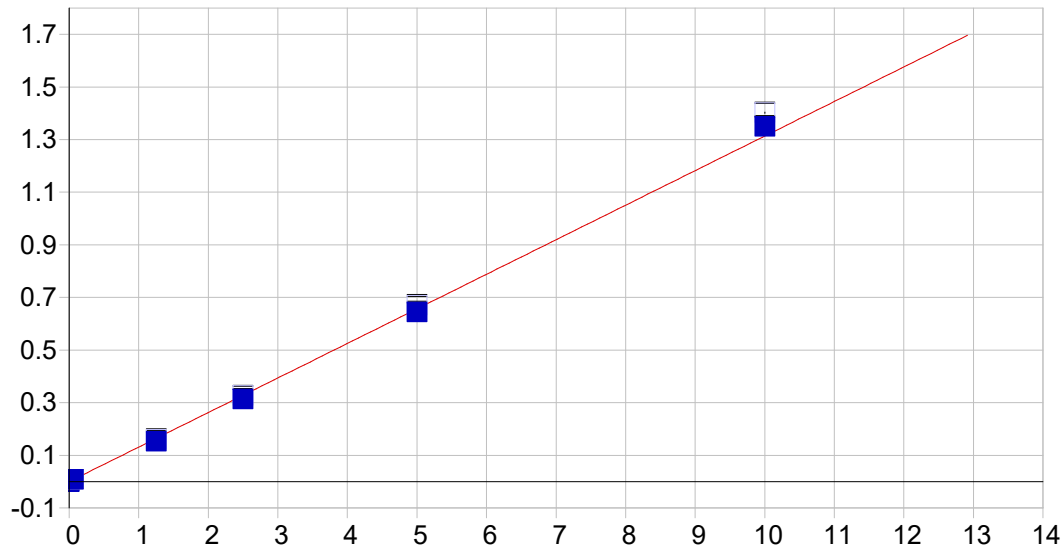


Se 196.090 {472}

Date of Fit: 03/22/2023 16:09:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000154 Re-Slope: 1.000000
 A1 (Gain): 0.035776 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999824 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.008603
 Predicted MQL: 0.028678

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00015	.000	1
S1	.03500	.02638	-.009	-24.6	.00110	.000	1
S2	1.2500	1.2196	-.030	-2.43	.04328	.000	1
S3	2.5000	2.4530	-.047	-1.88	.08689	.001	1
S4	5.0000	4.9429	-.057	-1.14	.17495	.000	1
S5	10.000	10.143	.143	1.43	.35896	.000	1

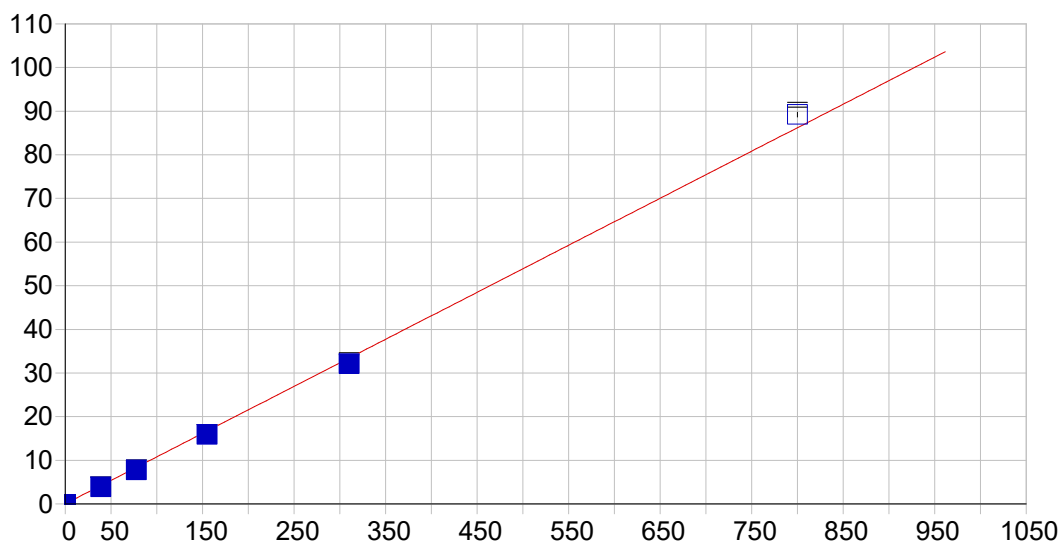


Sb 206.833 {463}

Date of Fit: 03/22/2023 16:09:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000137 Re-Slope: 1.000000
 A1 (Gain): 0.131356 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999510 Status: OK.
 Std Error of Est: 0.000176
 Predicted MDL: 0.003243
 Predicted MQL: 0.010811

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00014	.000	1
S1	.06000	.06293	.003	4.89	.00814	.000	1
S2	1.2500	1.1691	-.081	-6.47	.15990	.003	1
S3	2.5000	2.3906	-.109	-4.38	.32683	.002	1
S4	5.0000	4.9056	-.094	-1.89	.67014	.003	1
S5	10.000	10.282	.282	2.82	1.4023	.003	1

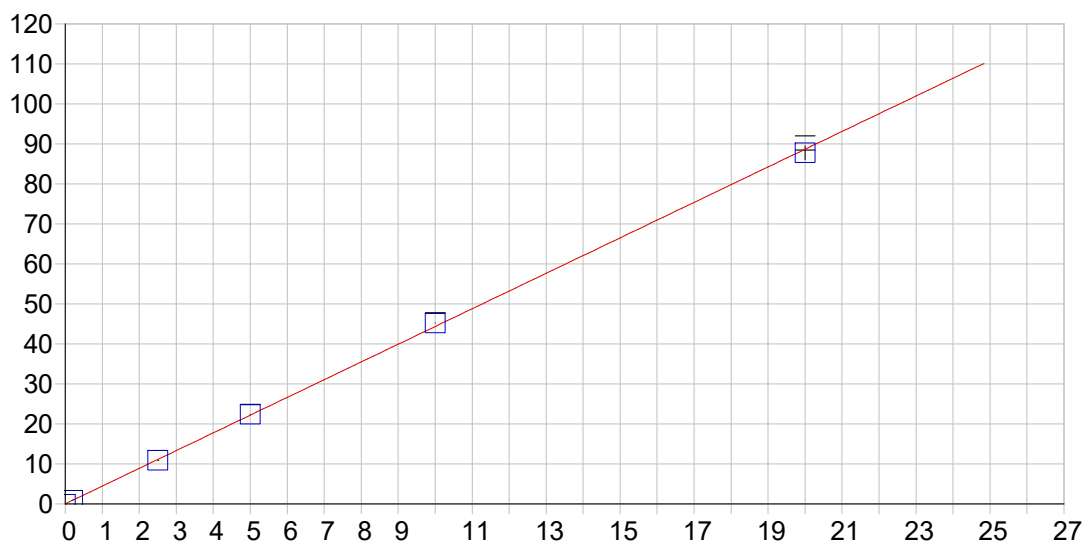


AI 396.152 { 85}

Date of Fit: 03/22/2023 16:09:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.003742	Re-Slope:	1.000000
A1 (Gain):	0.107763	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999140	Status:	OK.
Std Error of Est:	0.002781		
Predicted MDL:	0.011721		
Predicted MQL:	0.039071		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00375	.000	1
S1	.20000	.20067	.001	.333	.02540	.001	1
S2	38.750	36.013	-2.74	-7.06	3.8892	.007	1
S3	77.500	72.222	-5.28	-6.81	7.7956	.014	1
S4	155.00	147.36	-7.64	-4.93	15.902	.020	1
S5	310.00	297.80	-12.2	-3.93	32.132	.196	1
S6	800.00	827.88	27.9	3.49	89.219	.564	1

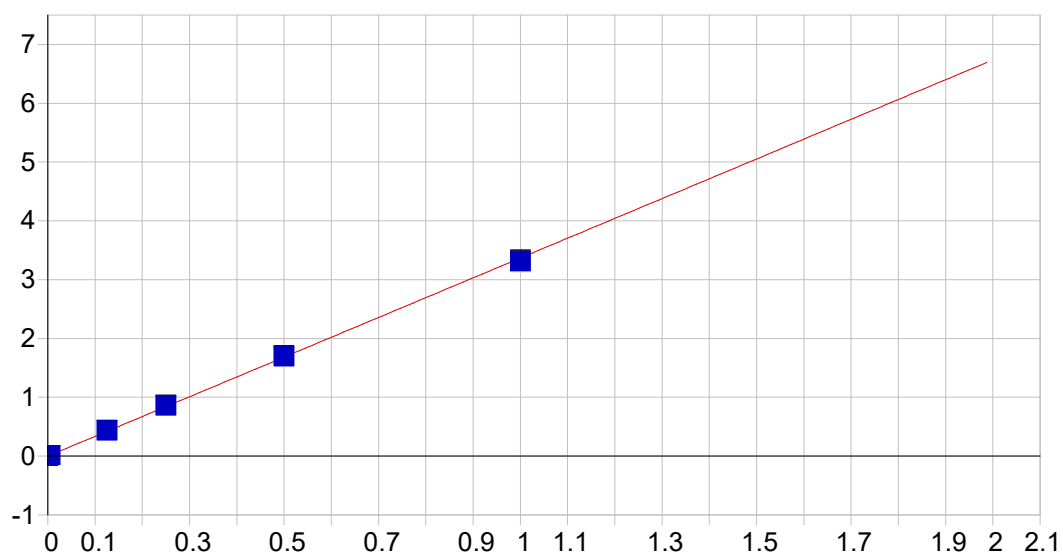


Ba 493.409 { 68}

Date of Fit: 03/22/2023 16:09:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.023772 Re-Slope: 1.000000
 A1 (Gain): 4.432750 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999897 Status: OK.
 Std Error of Est: 0.006759
 Predicted MDL: 0.001031
 Predicted MQL: 0.003437

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.02372	.004	1
S1	.20000	.21208	.012	6.04	.96387	.001	1
S2	2.5000	2.4552	-.045	-1.79	10.907	.007	1
S3	5.0000	5.0403	.040	.805	22.366	.052	1
S4	10.000	10.196	.196	1.96	45.219	.042	1
S5	20.000	19.797	-.203	-1.02	87.777	1.76	1

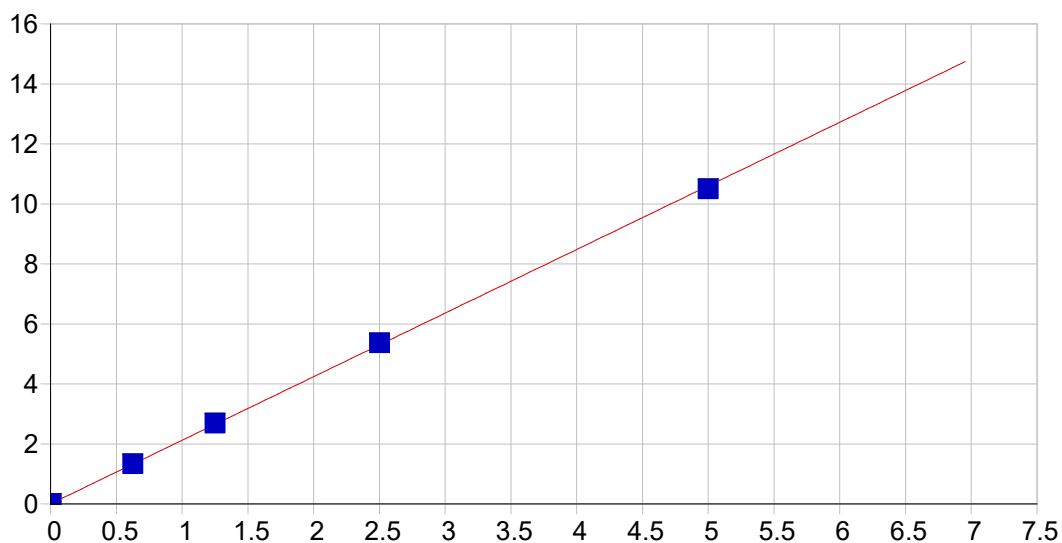


Be 234.861 {144}

Date of Fit: 03/22/2023 16:09:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001410 Re-Slope: 1.000000
 A1 (Gain): 3.369736 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999794 Status: OK.
 Std Error of Est: 0.000255
 Predicted MDL: 0.000124
 Predicted MQL: 0.000413

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00141	.000	1
S1	.00500	.00542	.000	8.37	.01683	.001	1
S2	.12500	.13068	.006	4.54	.43701	.001	1
S3	.25000	.25649	.006	2.59	.85901	.006	1
S4	.50000	.50396	.004	.791	1.6891	.012	1
S5	1.0000	.98346	-.017	-1.65	3.2971	.022	1

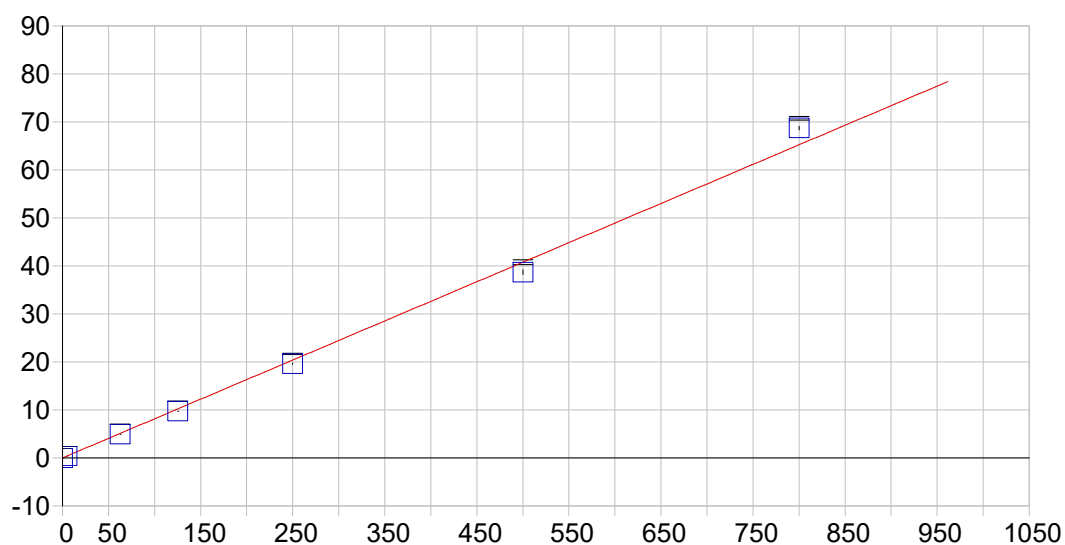


Cd 214.438 {457}

Date of Fit: 03/22/2023 16:09:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000381 Re-Slope: 1.000000
 A1 (Gain): 2.120186 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999941 Status: OK.
 Std Error of Est: 0.000193
 Predicted MDL: 0.000153
 Predicted MQL: 0.000510

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00038	.000	1
S1	.00500	.00509	.000	1.88	.01122	.000	1
S2	.62500	.62747	.002	.396	1.3312	.002	1
S3	1.2500	1.2689	.019	1.51	2.6915	.002	1
S4	2.5000	2.5281	.028	1.12	5.3622	.006	1
S5	5.0000	4.9504	-.050	-.991	10.500	.009	1

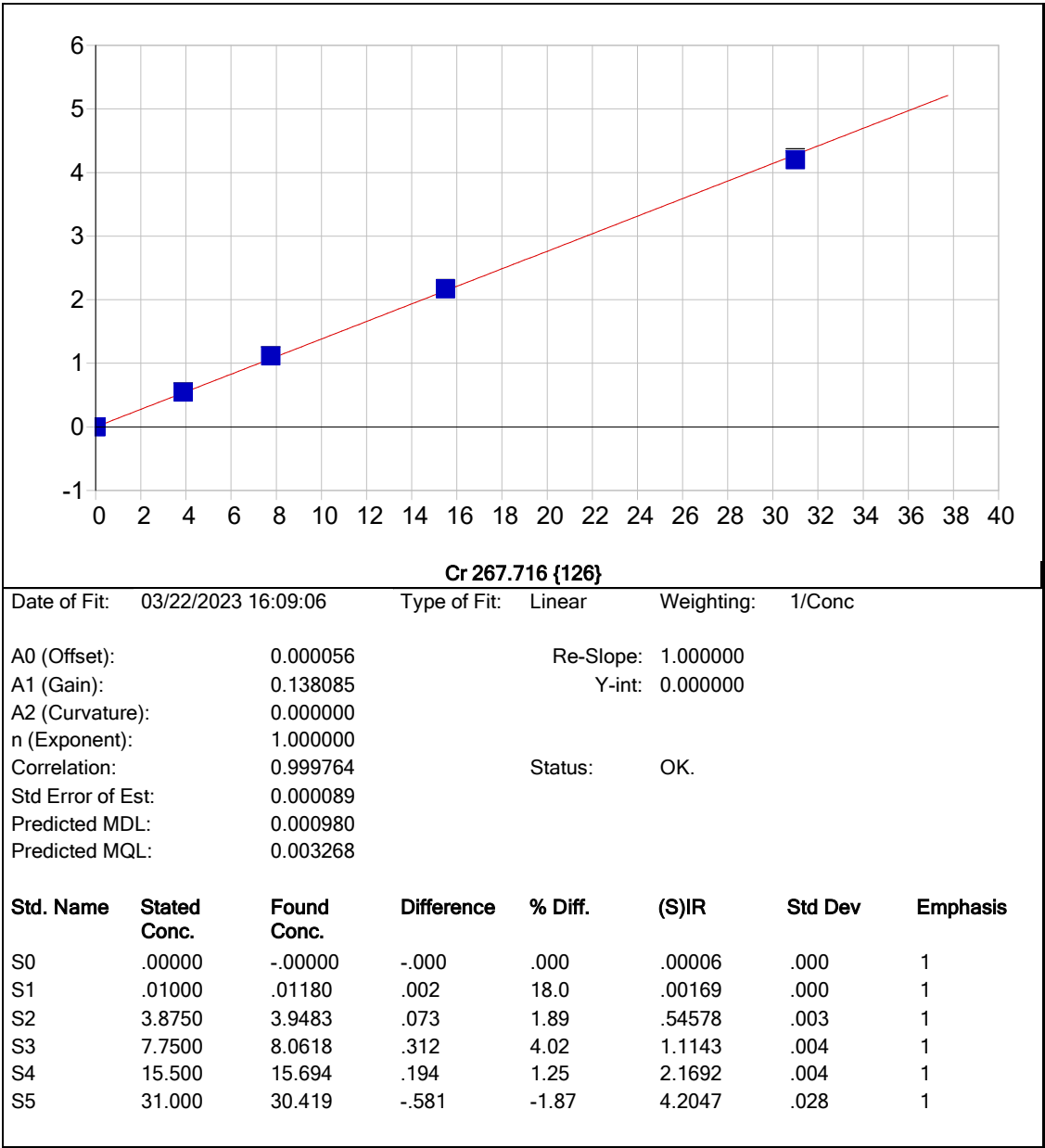


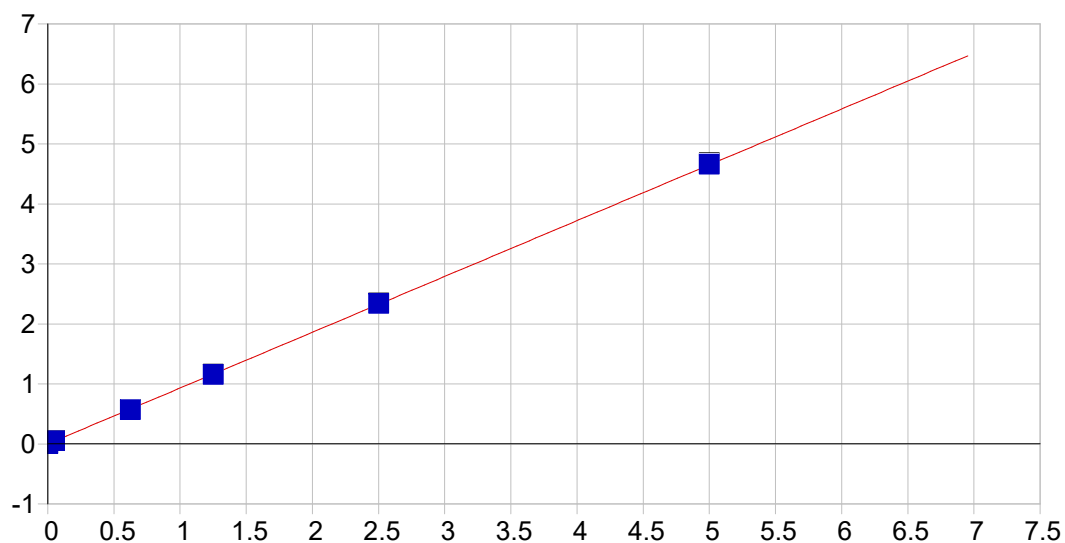
Ca 373.690 { 90}

Date of Fit: 03/22/2023 16:09:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000321 Re-Slope: 1.000000
 A1 (Gain): 0.081539 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998780 Status: OK.
 Std Error of Est: 0.014072
 Predicted MDL: 0.015321
 Predicted MQL: 0.051068

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00040	.000	.000	-.00029	.001	1
S1	5.0000	5.1700	.170	3.40	.42123	.005	1
S2	62.500	60.492	-2.01	-3.21	4.9322	.010	1
S3	125.00	119.34	-5.66	-4.53	9.7305	.013	1
S4	250.00	240.52	-9.48	-3.79	19.612	.119	1
S5	500.00	474.41	-25.6	-5.12	38.683	.487	1
S6	800.00	842.56	42.6	5.32	68.701	.358	1



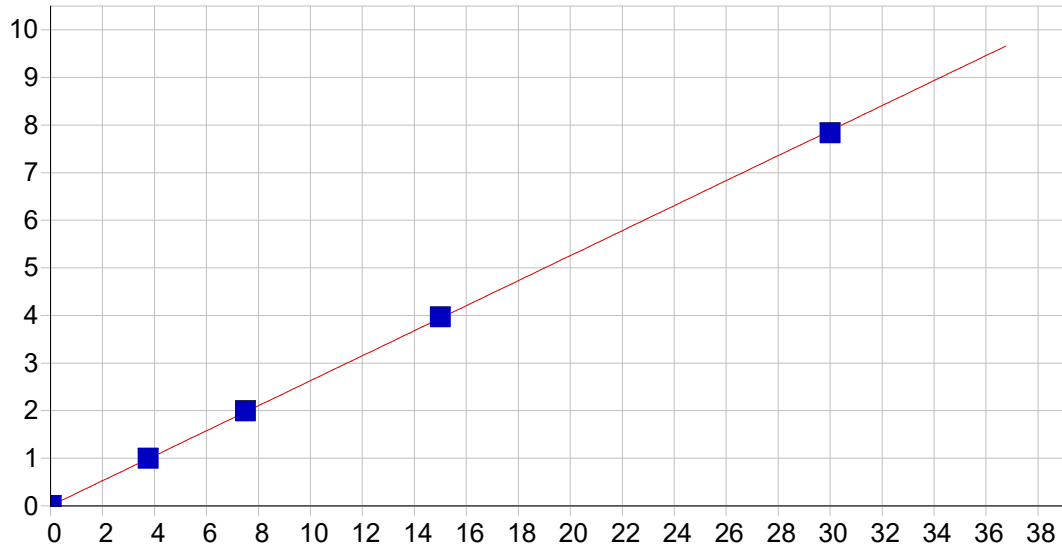


Co 228.616 {448}

Date of Fit: 03/22/2023 16:09:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000391 Re-Slope: 1.000000
 A1 (Gain): 0.930239 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976 Status: OK.
 Std Error of Est: 0.000173
 Predicted MDL: 0.000402
 Predicted MQL: 0.001340

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00039	.001	1
S1	.05000	.05154	.002	3.08	.04848	.000	1
S2	.62500	.61131	-.014	-2.19	.57093	.000	1
S3	1.2500	1.2423	-.008	-.617	1.1598	.001	1
S4	2.5000	2.5112	.011	.449	2.3439	.003	1
S5	5.0000	5.0086	.009	.173	4.6746	.013	1

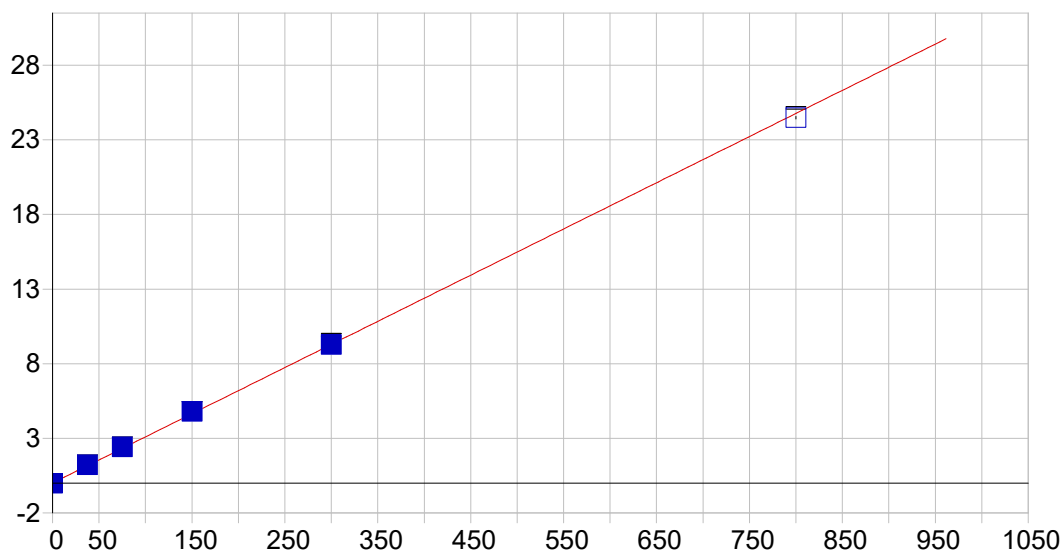


Cu 324.754 {104}

Date of Fit: 03/22/2023 16:09:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.002992	Re-Slope:	1.000000
A1 (Gain):	0.262681	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999971	Status:	OK.
Std Error of Est:	0.000092		
Predicted MDL:	0.002868		
Predicted MQL:	0.009561		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00299	.000	1
S1	.02500	.02789	.003	11.5	.01031	.000	1
S2	3.7500	3.7857	.036	.951	.99730	.002	1
S3	7.5000	7.5749	.075	.999	1.9926	.008	1
S4	15.000	15.086	.086	.577	3.9655	.003	1
S5	30.000	29.800	-.200	-.666	7.8300	.008	1

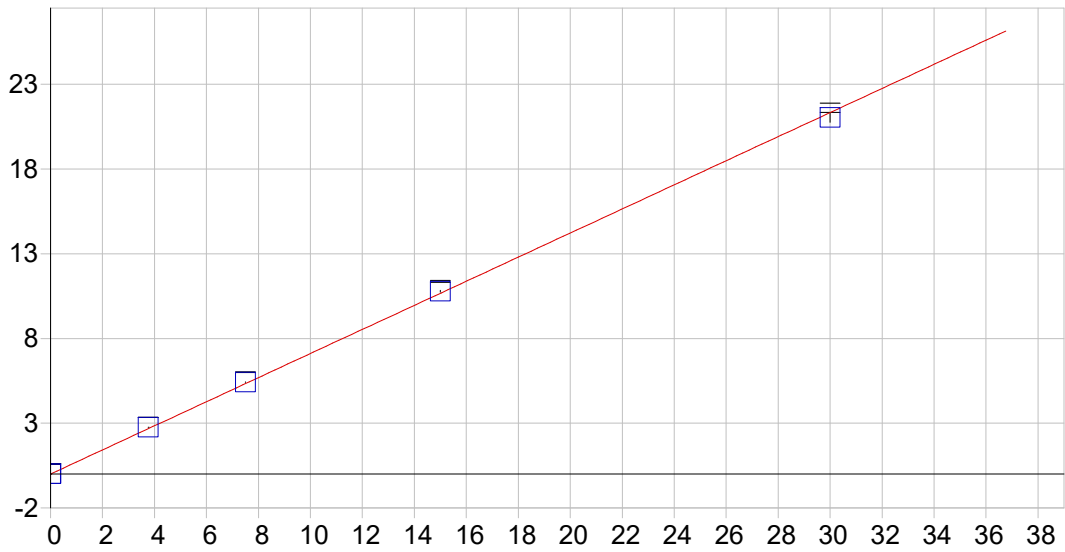


Fe 259.837 {130}

Date of Fit: 03/22/2023 16:09:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000141	Re-Slope:	1.000000
A1 (Gain):	0.030966	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999825	Status:	OK.
Std Error of Est:	0.000253		
Predicted MDL:	0.011392		
Predicted MQL:	0.037974		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00014	.000	1
S1	.10000	.10960	.010	9.60	.00354	.000	1
S2	37.500	39.478	1.98	5.28	1.2229	.002	1
S3	75.000	78.067	3.07	4.09	2.4181	.009	1
S4	150.00	154.62	4.62	3.08	4.7893	.017	1
S5	300.00	299.44	-.555	-.185	9.2747	.093	1
S6	800.00	790.87	-9.13	-1.14	24.490	.084	1

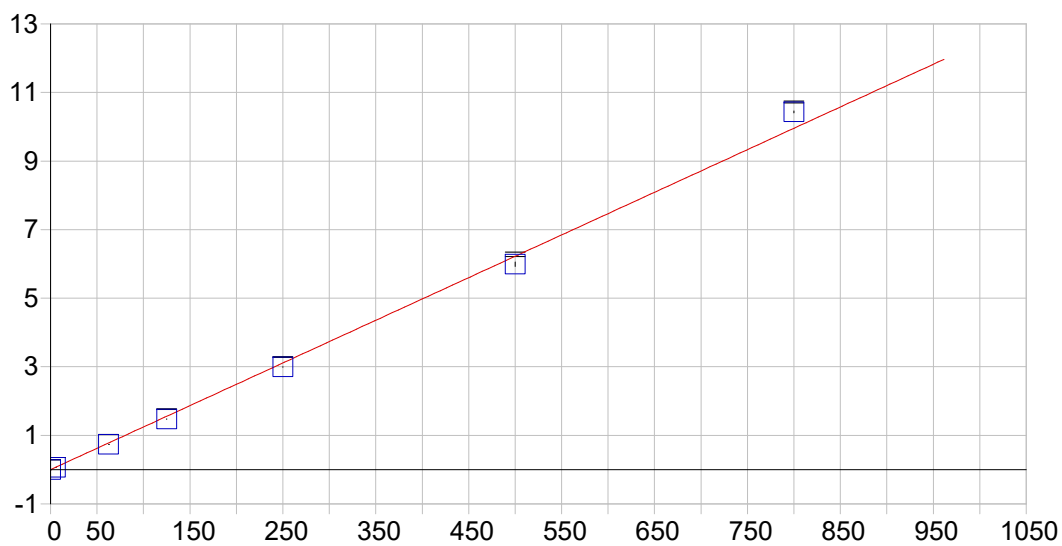


Mn 257.610 {131}

Date of Fit: 03/22/2023 16:09:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000081 Re-Slope: 1.000000
 A1 (Gain): 0.711133 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999866 Status: OK.
 Std Error of Est: 0.000413
 Predicted MDL: 0.000561
 Predicted MQL: 0.001870

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00008	.000	1
S1	.01500	.01767	.003	17.8	.01265	.000	1
S2	3.7500	3.8792	.129	3.45	2.7587	.006	1
S3	7.5000	7.6341	.134	1.79	5.4289	.018	1
S4	15.000	15.159	.159	1.06	10.780	.058	1
S5	30.000	29.575	-.425	-1.42	21.032	.272	1

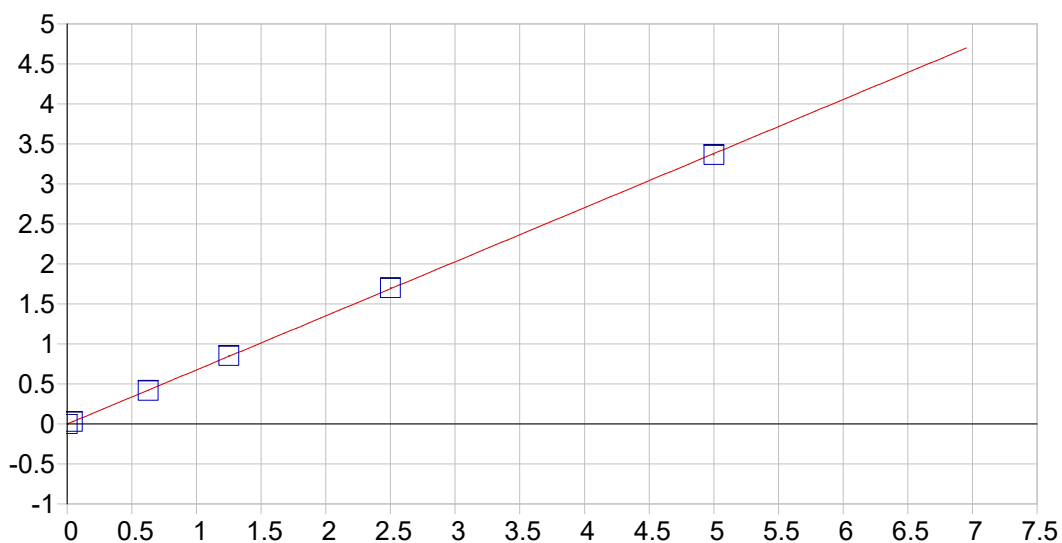


Mg 279.079 {121}

Date of Fit: 03/22/2023 16:09:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000178 Re-Slope: 1.000000
 A1 (Gain): 0.012445 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999003 Status: OK.
 Std Error of Est: 0.001941
 Predicted MDL: 0.033811
 Predicted MQL: 0.112703

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00063	.001	.000	-.00017	.000	1
S1	5.0000	5.0649	.065	1.30	.06285	.000	1
S2	62.500	58.879	-3.62	-5.79	.73256	.001	1
S3	125.00	118.36	-6.64	-5.31	1.4729	.006	1
S4	250.00	240.43	-9.57	-3.83	2.9919	.011	1
S5	500.00	481.30	-18.7	-3.74	5.9895	.064	1
S6	800.00	838.47	38.5	4.81	10.434	.031	1

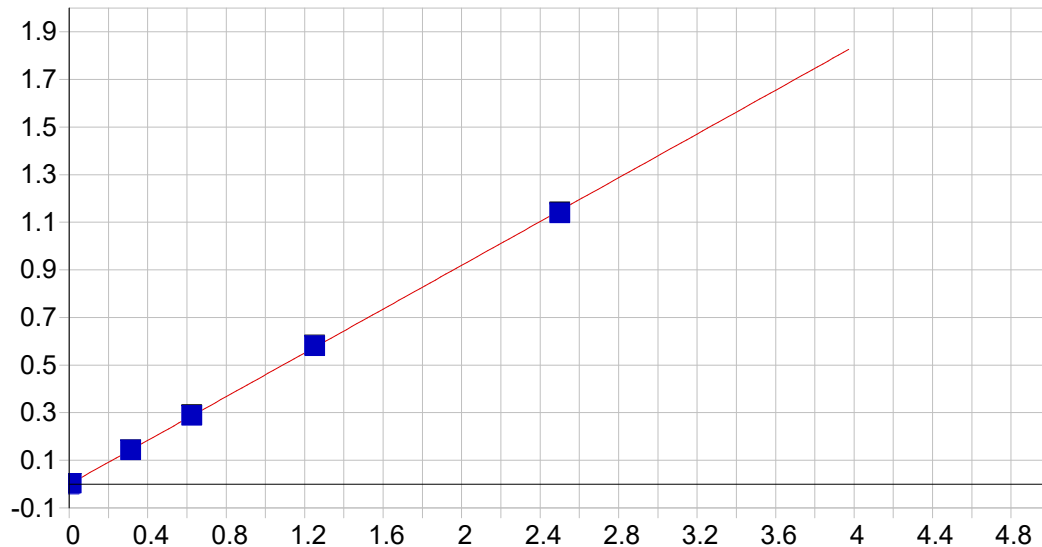


Ni 231.604 {446}

Date of Fit: 03/22/2023 16:09:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001068	Re-Slope:	1.000000
A1 (Gain):	0.676007	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999974	Status:	OK.
Std Error of Est:	0.000115		
Predicted MDL:	0.000626		
Predicted MQL:	0.002085		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00107	.000	1
S1	.04000	.04224	.002	5.60	.02749	.001	1
S2	.62500	.61890	-.006	-.976	.41731	.001	1
S3	1.2500	1.2610	.011	.884	.85141	.001	1
S4	2.5000	2.5157	.016	.628	1.6996	.000	1
S5	5.0000	4.9771	-.023	-.458	3.3635	.005	1

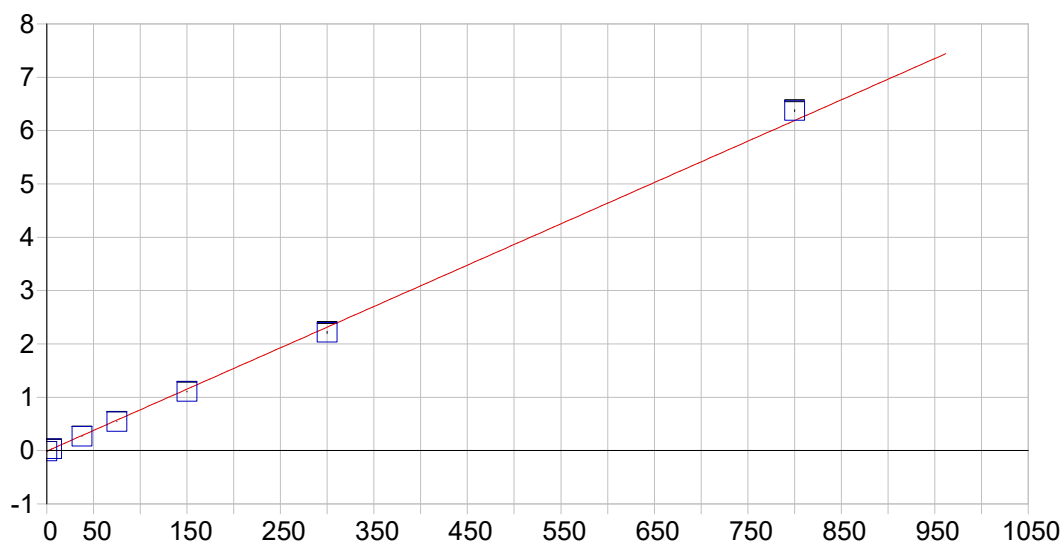


Ag 328.068 {103}

Date of Fit: 03/22/2023 16:09:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000457	Re-Slope:	1.000000
A1 (Gain):	0.459786	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999929	Status:	OK.
Std Error of Est:	0.000046		
Predicted MDL:	0.000491		
Predicted MQL:	0.001636		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00046	.000	1
S1	.01000	.00850	-.001	-15.0	.00345	.000	1
S2	.31250	.31359	.001	.349	.14338	.000	1
S3	.62500	.62994	.005	.791	.28849	.002	1
S4	1.2500	1.2666	.017	1.33	.58052	.003	1
S5	2.5000	2.4789	-.021	-.845	1.1365	.004	1

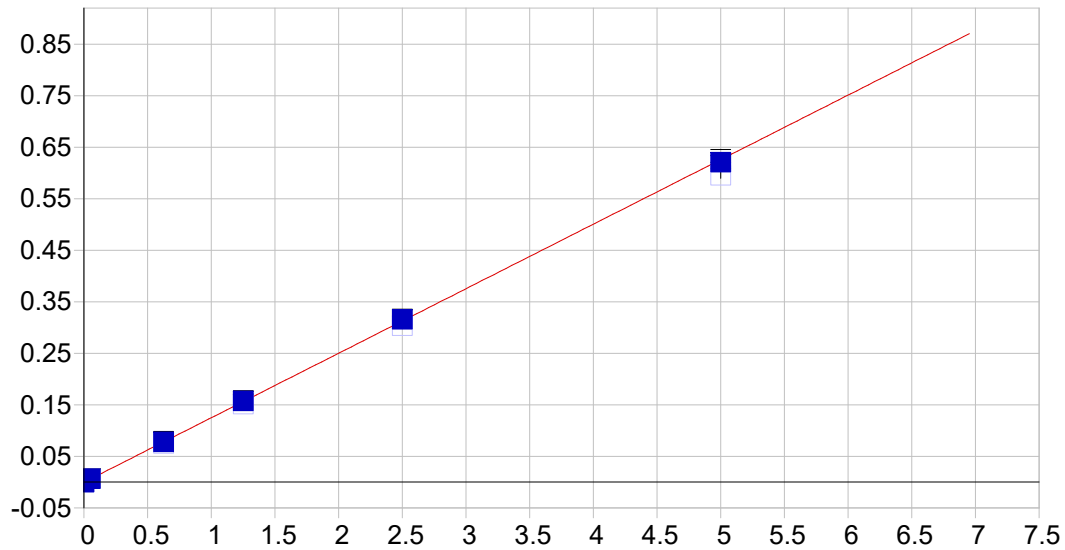


Na 818.326 { 41}

Date of Fit: 03/22/2023 16:09:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.010694	Re-Slope:	1.000000
A1 (Gain):	0.007748	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999358	Status:	OK.
Std Error of Est:	0.000859		
Predicted MDL:	0.301280		
Predicted MQL:	1.004266		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00049	.000	.000	-.01069	.001	1
S1	5.0000	5.2103	.210	4.21	.02968	.001	1
S2	37.500	36.068	-1.43	-3.82	.26877	.002	1
S3	75.000	71.479	-3.52	-4.69	.54315	.003	1
S4	150.00	143.80	-6.20	-4.13	1.1035	.006	1
S5	300.00	287.06	-12.9	-4.31	2.2135	.018	1
S6	800.00	823.88	23.9	2.99	6.3730	.016	1

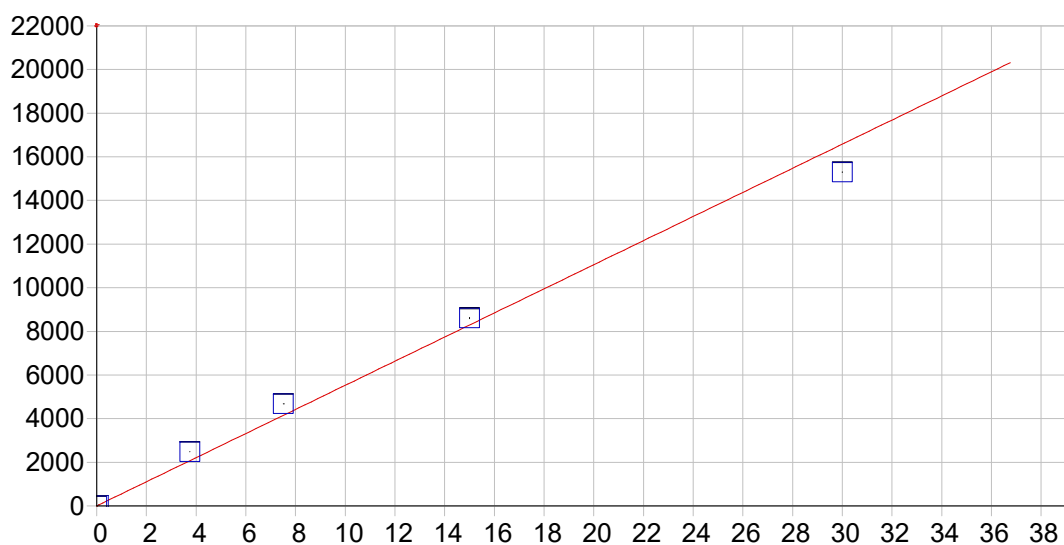


V 292.402 {115}

Date of Fit: 03/22/2023 16:09:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000328	Re-Slope:	1.000000
A1 (Gain):	0.125235	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999912	Status:	OK.
Std Error of Est:	0.000042		
Predicted MDL:	0.003987		
Predicted MQL:	0.013290		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00033	.000	1
S1	.05000	.05653	.007	13.1	.00673	.001	1
S2	.62500	.62729	.002	.366	.07509	.001	1
S3	1.2500	1.2587	.009	.695	.15103	.001	1
S4	2.5000	2.5248	.025	.990	.30331	.001	1
S5	5.0000	4.9575	-.043	-.850	.59543	.006	1

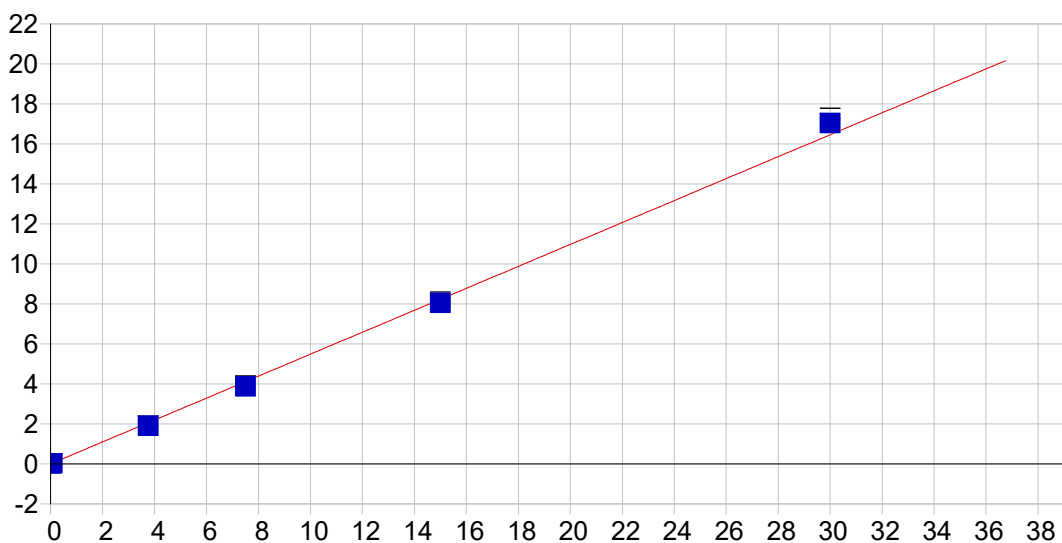


Zn 206.200 {464}

Date of Fit: 03/22/2023 16:09:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.996539 Re-Slope: 1.000000
 A1 (Gain): 552.660772 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.995747 Status: OK.
 Std Error of Est: 3.638237
 Predicted MDL: 0.000746
 Predicted MQL: 0.002488

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.97524	.247	1
S1	.06000	.08117	.021	35.3	45.858	.447	1
S2	3.7500	4.4948	.745	19.9	2485.1	5.37	1
S3	7.5000	8.4704	.970	12.9	4682.3	2.74	1
S4	15.000	15.579	.579	3.86	8610.9	27.7	1
S5	30.000	27.685	-2.32	-7.72	15301.	12.7	1

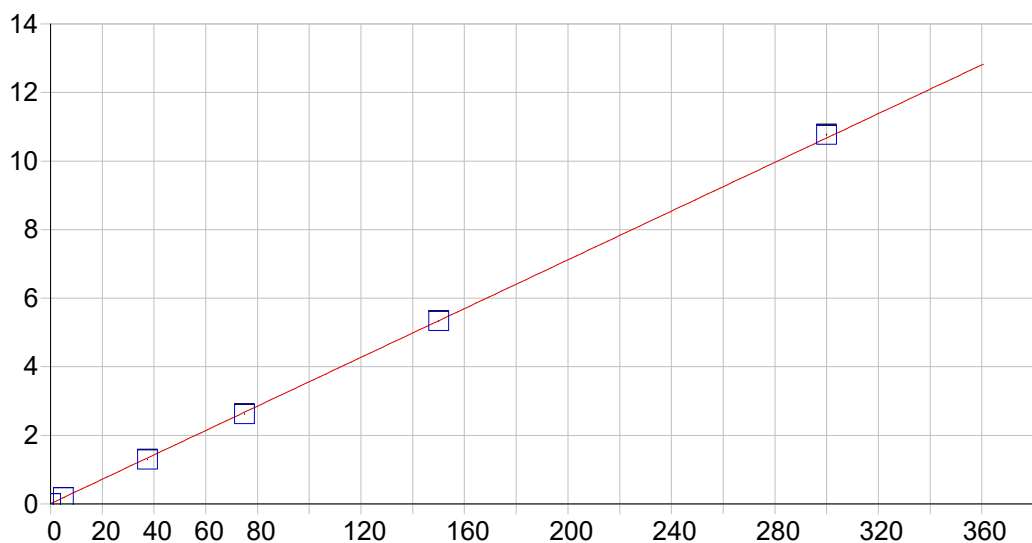


Zn 213.856 {158}

Date of Fit: 03/22/2023 16:09:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000742 Re-Slope: 1.000000
 A1 (Gain): 0.548633 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999190 Status: OK.
 Std Error of Est: 0.001573
 Predicted MDL: 0.002644
 Predicted MQL: 0.008815

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00074	.001	1
S1	.06000	.05665	-.003	-5.58	.03042	.001	1
S2	3.7500	3.4607	-.289	-7.71	1.8992	.019	1
S3	7.5000	7.0704	-.430	-5.73	3.8807	.043	1
S4	15.000	14.669	-.331	-2.21	8.0519	.048	1
S5	30.000	31.054	1.05	3.51	17.046	.246	1

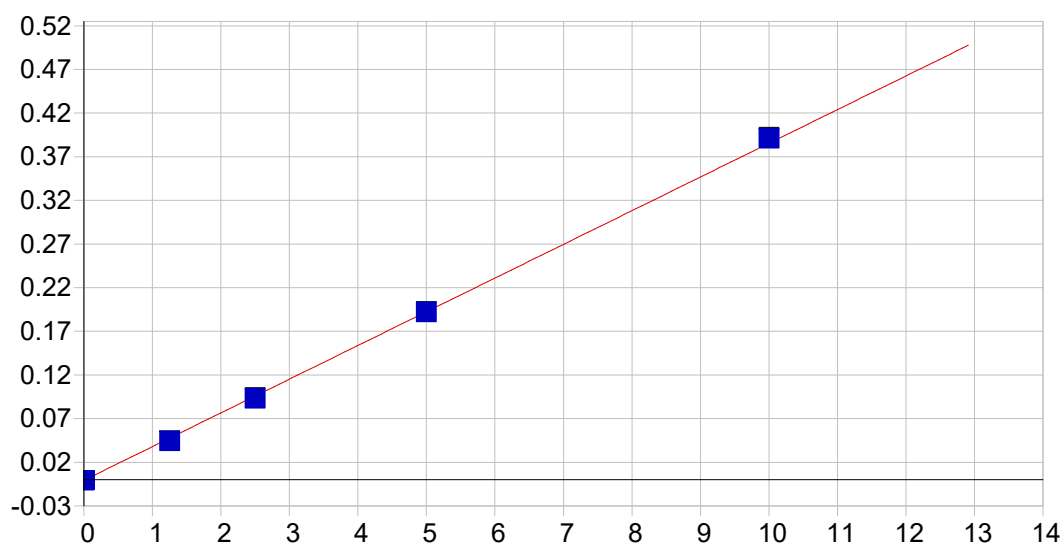


K 769.896 { 44 }

Date of Fit: 03/22/2023 16:09:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008538 Re-Slope: 1.000000
 A1 (Gain): 0.035548 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999911 Status: OK.
 Std Error of Est: 0.000978
 Predicted MDL: 0.068678
 Predicted MQL: 0.228928

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00026	.000	.000	.00855	.002	1
S1	5.0000	4.9616	-.038	-.769	.18491	.001	1
S2	37.500	36.204	-1.30	-3.46	1.2955	.008	1
S3	75.000	73.516	-1.48	-1.98	2.6219	.008	1
S4	150.00	149.99	-.009	-.006	5.3405	.012	1
S5	300.00	302.83	2.83	.942	10.774	.020	1

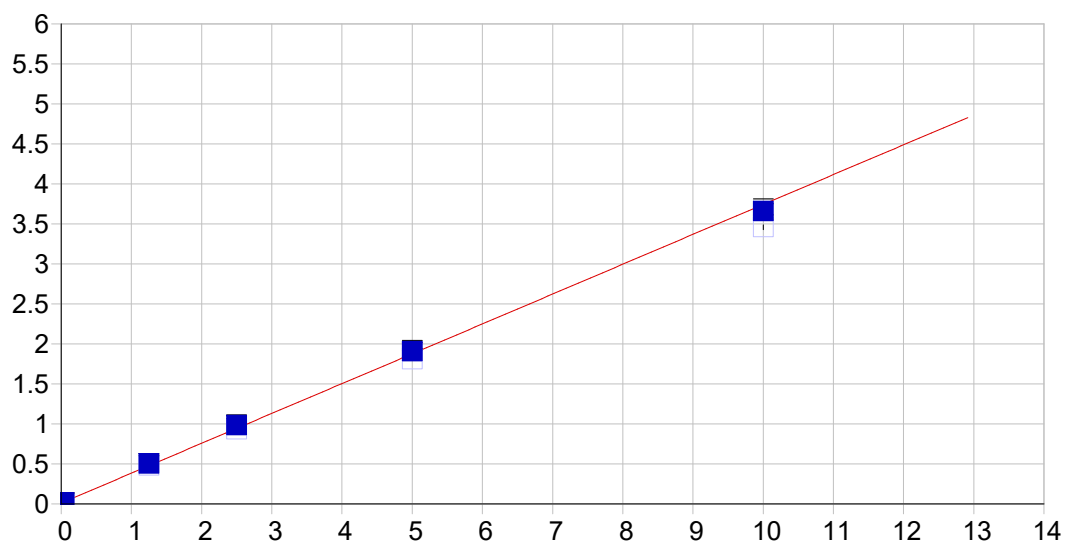


P 177.495 {490}

Date of Fit: 03/22/2023 16:09:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000629 Re-Slope: 1.000000
 A1 (Gain): 0.038597 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999643 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.005154
 Predicted MQL: 0.017181

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00063	.000	1
S1	.01000	.00365	-.006	-63.5	-.00049	.000	1
S2	1.2500	1.1702	-.080	-6.38	.04441	.000	1
S3	2.5000	2.4327	-.067	-2.69	.09301	.001	1
S4	5.0000	4.9986	-.001	-.029	.19179	.000	1
S5	10.000	10.155	.155	1.55	.39030	.001	1

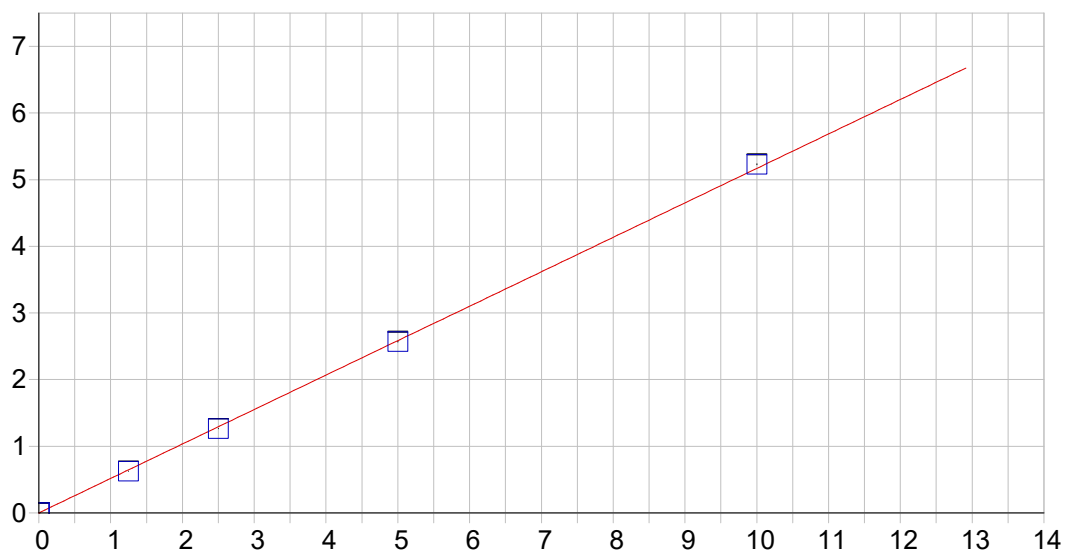


B 249.678 {135}

Date of Fit: 03/22/2023 16:09:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.010872	Re-Slope:	1.000000
A1 (Gain):	0.373177	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998866	Status:	OK.
Std Error of Est:	0.000565		
Predicted MDL:	0.001563		
Predicted MQL:	0.005210		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.01088	.000	1
S1	.04000	.00938	-.031	-76.6	.01433	.000	1
S2	1.2500	1.3196	.070	5.57	.47832	.001	1
S3	2.5000	2.6055	.106	4.22	.93317	.006	1
S4	5.0000	5.0827	.083	1.65	1.8076	.013	1
S5	10.000	9.7744	-.226	-2.26	3.4583	.029	1

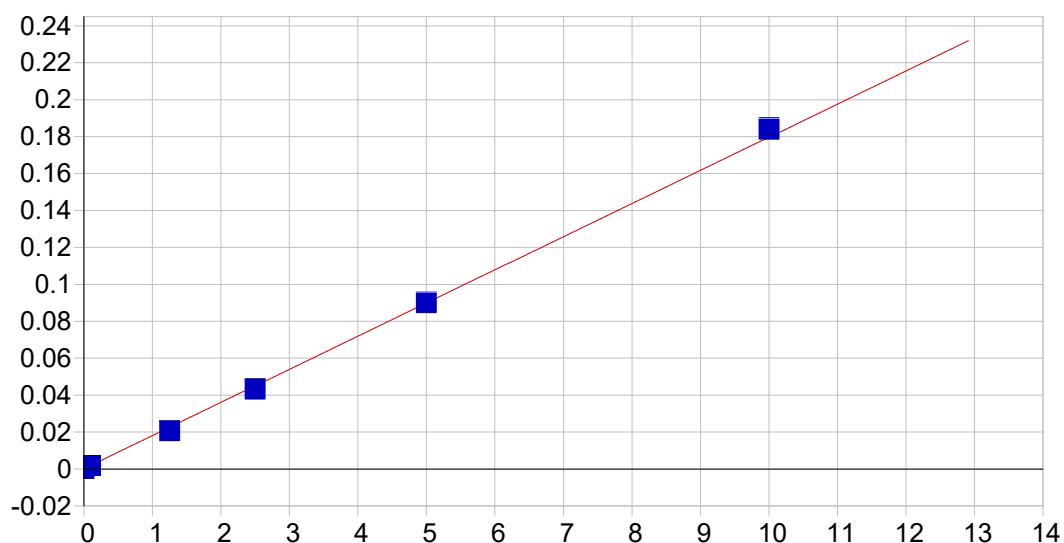


Mo 202.030 {467}

Date of Fit: 03/22/2023 16:09:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000131	Re-Slope:	1.000000
A1 (Gain):	0.516917	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999894	Status:	OK.
Std Error of Est:	0.000126		
Predicted MDL:	0.000649		
Predicted MQL:	0.002164		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00013	.000	1
S1	.01000	.01042	.000	4.23	.00552	.000	1
S2	1.2500	1.2111	-.039	-3.11	.62618	.001	1
S3	2.5000	2.4460	-.054	-2.16	1.2645	.004	1
S4	5.0000	4.9727	-.027	-.546	2.5706	.008	1
S5	10.000	10.120	.120	1.20	5.2312	.006	1

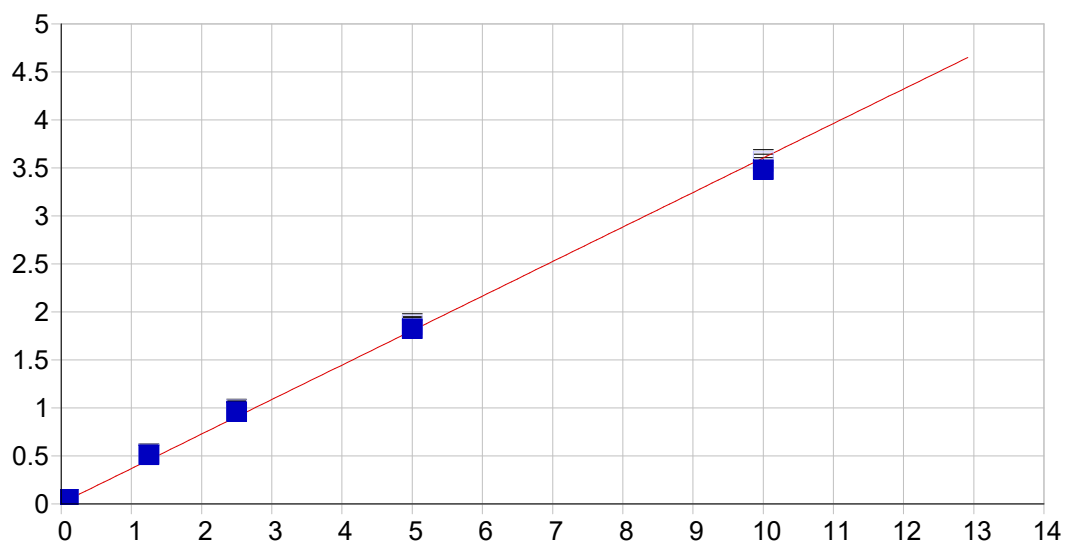


S 182.034 {485}

Date of Fit: 03/22/2023 16:09:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000135	Re-Slope:	1.000000
A1 (Gain):	0.017952	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999411	Status:	OK.
Std Error of Est:	0.000033		
Predicted MDL:	0.010342		
Predicted MQL:	0.034475		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00014	.000	1
S1	.10000	.08480	-.015	-15.2	.00166	.000	1
S2	1.2500	1.1380	-.112	-8.96	.02064	.000	1
S3	2.5000	2.3925	-.107	-4.30	.04323	.000	1
S4	5.0000	5.0023	.002	.046	.09022	.000	1
S5	10.000	10.232	.232	2.32	.18440	.000	1

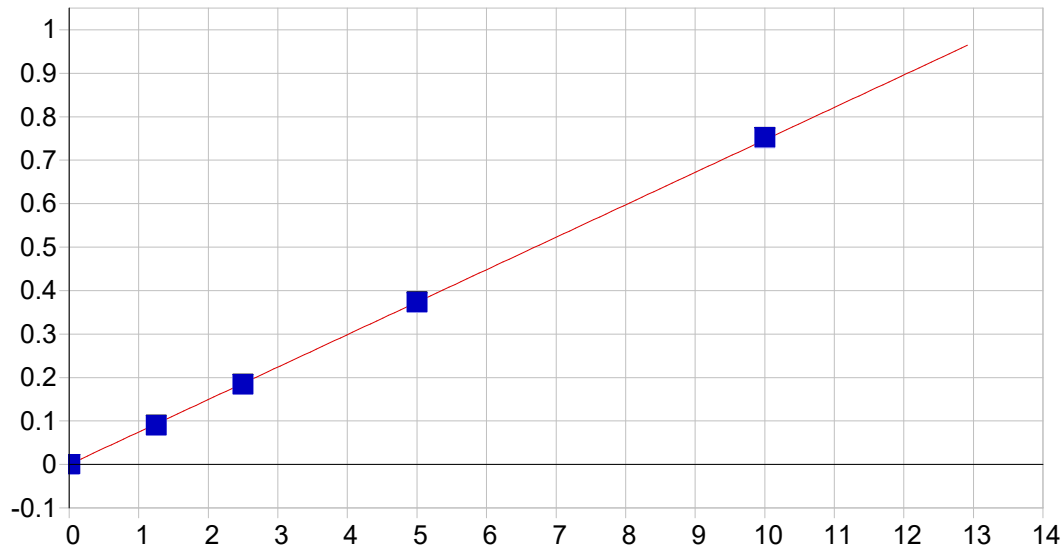


Si 251.611 {134}

Date of Fit: 03/22/2023 16:09:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008646 Re-Slope: 1.000000
 A1 (Gain): 0.359427 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999057 Status: OK.
 Std Error of Est: 0.000849
 Predicted MDL: 0.001595
 Predicted MQL: 0.005317

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00864	.001	1
S1	.10000	.10830	.008	8.30	.04808	.001	1
S2	1.2500	1.3927	.143	11.4	.51940	.001	1
S3	2.5000	2.6444	.144	5.78	.97951	.006	1
S4	5.0000	5.0443	.044	.887	1.8625	.015	1
S5	10.000	9.6604	-.340	-3.40	3.5624	.024	1

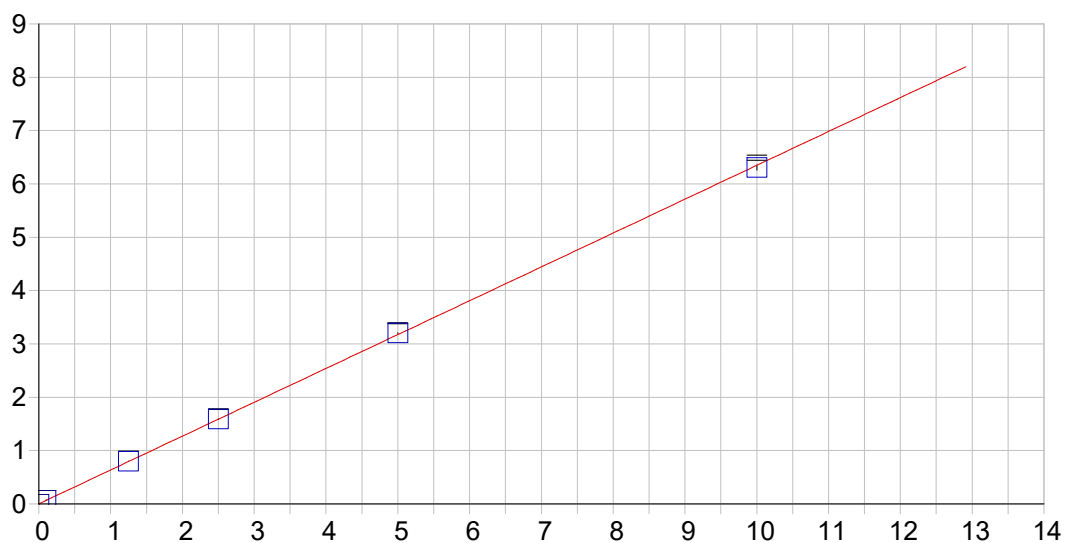


Sn 189.989 {478}

Date of Fit: 03/22/2023 16:09:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000019 Re-Slope: 1.000000
A1 (Gain): 0.074672 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999934 Status: OK.
Std Error of Est: 0.000012
Predicted MDL: 0.002500
Predicted MQL: 0.008334

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00002	.000	1
S1	.00700	.00713	.000	1.86	.00049	.000	1
S2	1.2500	1.2059	-.044	-3.52	.08976	.000	1
S3	2.5000	2.4708	-.029	-1.17	.18394	.000	1
S4	5.0000	4.9988	-.001	-.023	.37217	.001	1
S5	10.000	10.074	.074	.743	.75007	.000	1

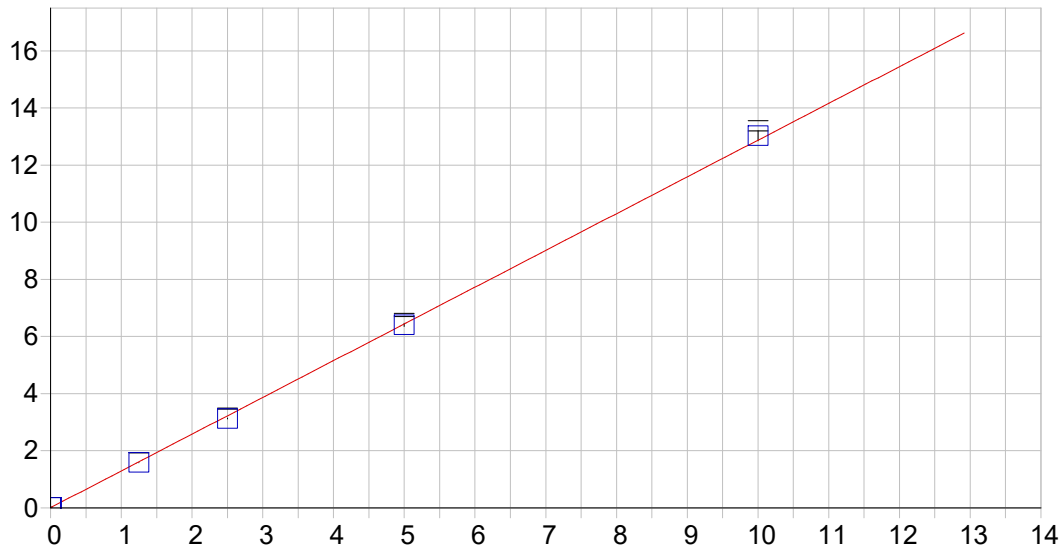


Ti 336.121 {100}

Date of Fit: 03/22/2023 16:09:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001450	Re-Slope:	1.000000
A1 (Gain):	0.634678	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999955	Status:	OK.
Std Error of Est:	0.000319		
Predicted MDL:	0.001363		
Predicted MQL:	0.004542		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00144	.000	1
S1	.10000	.10909	.009	9.09	.07069	.002	1
S2	1.2500	1.2588	.009	.707	.80041	.002	1
S3	2.5000	2.5030	.003	.121	1.5901	.005	1
S4	5.0000	5.0433	.043	.867	3.2024	.011	1
S5	10.000	9.9357	-.064	-.643	6.3074	.048	1



Li 670.784 { 50}

Date of Fit: 03/22/2023 16:09:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008083 Re-Slope: 1.000000
 A1 (Gain): 1.286753 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999879 Status: OK.
 Std Error of Est: 0.000411
 Predicted MDL: 0.001880
 Predicted MQL: 0.006267

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00808	.002	1
S5	10.000	10.119	.119	1.19	13.028	.182	1
S4	5.0000	4.9771	-.023	-.458	6.4124	.056	1
S3	2.5000	2.4241	-.076	-3.04	3.1273	.016	1
S2	1.2500	1.2280	-.022	-1.76	1.5882	.008	1
S1	.01500	.01726	.002	15.1	.03030	.002	1







Y 224.306 {150}*

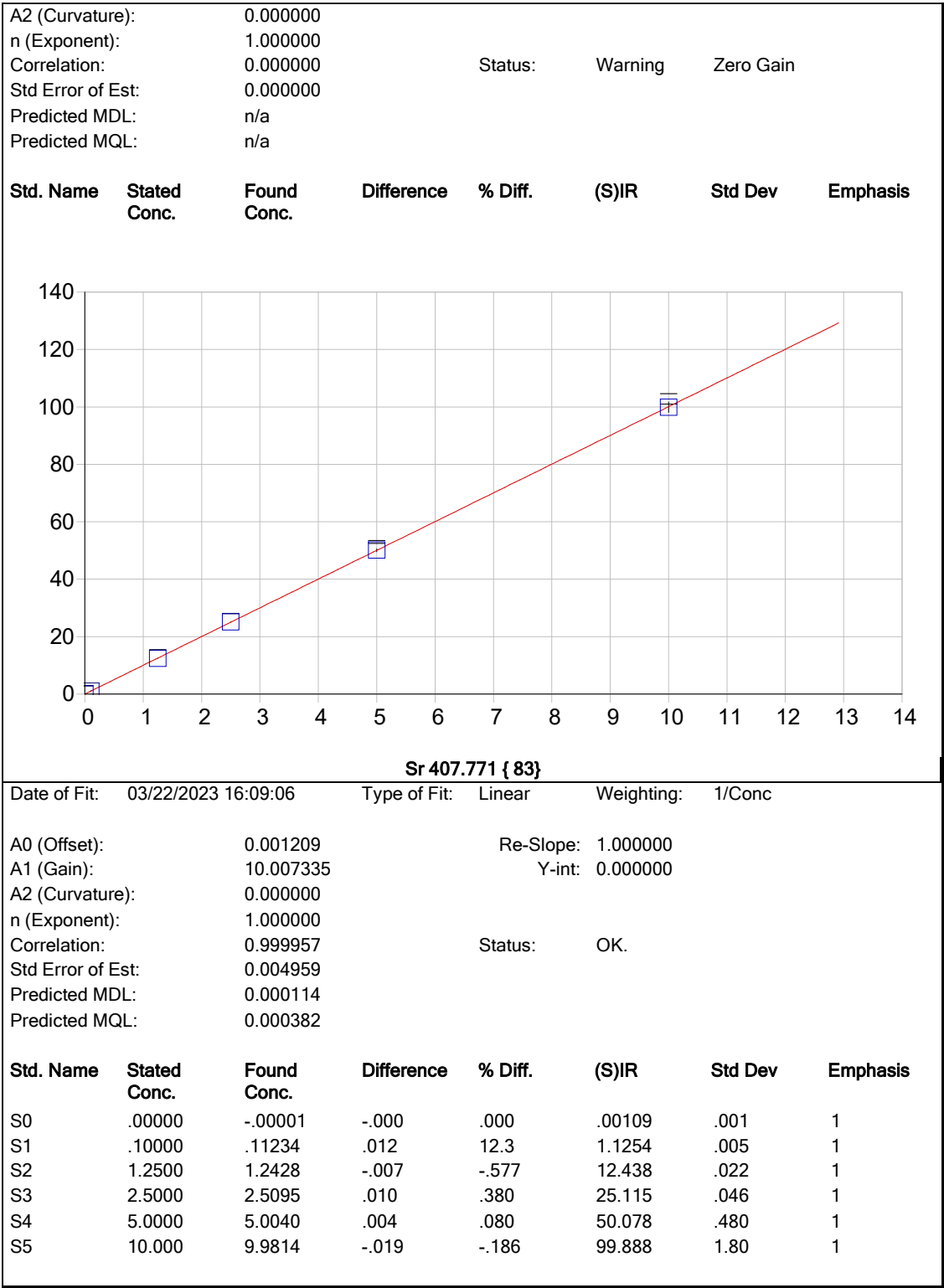
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				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

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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In 230.606 {446}^{*}

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



Sample Name: S0 Acquired: 03/22/2023 13:05:11 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S0 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	-.00000	-.00027	.00058	.00015	-.00014	.00375	.02372	-.00141
Stddev	.00019	.00016	.00032	.00022	.00007	.00025	.00388	.00040
%RSD	6467.1	61.044	54.379	141.95	48.340	6.7171	16.378	28.000

#1	-.00003	-.00045	.00086	.00002	-.00007	.00355	.02267	-.00125
#2	-.00018	-.00014	.00024	.00041	-.00020	.00366	.02802	-.00112
#3	.00020	-.00021	.00065	.00003	-.00014	.00403	.02047	-.00186

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	.00038	-.00029	.00006	.00039	.00299	.00014	.00008	-.00017
Stddev	.00020	.00091	.00006	.00064	.00020	.00029	.00046	.00004
%RSD	51.656	314.20	103.43	164.46	6.8352	202.51	582.59	25.277

#1	.00055	-.00127	.00012	-.00020	.00284	.00028	-.00044	-.00017
#2	.00016	-.00013	.00002	.00030	.00322	-.00019	.00027	-.00013
#3	.00043	.00053	.00003	.00107	.00291	.00033	.00041	-.00021

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	-.00107	-.00046	-.01069	-.00033	-.00074	.00855	-.00063	.01088
Stddev	.00042	.00008	.00062	.00030	.00121	.00197	.00006	.00045
%RSD	39.477	17.287	5.7533	91.153	164.88	23.035	10.186	4.1798

#1	-.00151	-.00048	-.01099	-.00058	-.00150	.00629	-.00059	.01066
#2	-.00102	-.00052	-.00998	.00000	.00066	.00992	-.00070	.01141
#3	-.00067	-.00037	-.01110	-.00042	-.00137	.00944	-.00060	.01058

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	.00013	.00014	.00864	-.00002	.00144	.00808	.00109	
Stddev	.00006	.00015	.00060	.00007	.00011	.00158	.00052	
%RSD	48.151	113.82	6.9766	385.58	7.3953	19.603	47.334	

#1	.00013	-.00004	.00802	-.00001	.00140	.00683	.00113	
#2	.00019	.00019	.00922	.00005	.00137	.00755	.00158	
#3	.00007	.00025	.00868	-.00010	.00157	.00986	.00055	

Sample Name: S0 Acquired: 03/22/2023 13:05:11 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S0 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1202.1	23755.	4283.1	673.33	1671.4
Stddev	2.6	106.	18.0	5.04	1.3
%RSD	.21321	.44523	.42071	.74851	.07875
#1	1203.9	23646.	4290.4	668.46	1672.9
#2	1203.3	23762.	4296.3	678.52	1670.7
#3	1199.2	23857.	4262.6	673.01	1670.7

Sample Name: CCV073 Acquired: 03/22/2023 14:03:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV073 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.934612	4.898458	24.89958	4.983585	5.010974	407.9038	10.24930
Stddev	.043566	.014284	.09272	.041616	.018690	2.2641	.02594
%RSD	.8828740	.2915995	.3723879	.8350635	.3729833	.5550453	.2531292

#1	4.973606	4.881965	24.87529	5.011168	5.017551	407.8106	10.26867
#2	4.887590	4.906595	24.82143	4.935716	4.989884	410.2130	10.25940
#3	4.942640	4.906814	25.00204	5.003872	5.025486	405.6878	10.21982

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5022814	2.512382	396.4767	15.37768	2.541907	15.19919	419.7624
Stddev	.0015966	.005821	4.1710	.09415	.008896	.04429	3.0626
%RSD	.3178716	.2316928	1.052014	.6122571	.3499916	.2914274	.7295962

#1	.5024678	2.510335	397.5539	15.28464	2.541101	15.22760	420.9045
#2	.5037766	2.507861	400.0034	15.37549	2.533441	15.22182	422.0898
#3	.5005997	2.518950	391.8728	15.47290	2.551179	15.14815	416.2929

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.07765	401.2366	2.516737	1.329278	407.4457	2.514812	15.06576
Stddev	.14826	2.8612	.007720	.009497	3.0608	.017322	.09679
%RSD	.9833336	.7131017	.3067551	.7144396	.7512181	.6888148	.6424812

#1	15.11816	402.3412	2.514409	1.330087	408.0000	2.520331	15.08543
#2	15.20145	403.3809	2.510449	1.319402	410.1915	2.528703	15.15120
#3	14.91335	397.9877	2.525353	1.338344	404.1456	2.495403	14.96064

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.5522	5.120098	5.018662	4.932396	5.116514	4.879494	5.135484
Stddev	.8568	.010869	.023398	.015443	.017269	.029891	.008469
%RSD	.5544080	.2122778	.4662132	.3130977	.3375195	.6125879	.1649131

#1	154.6274	5.108095	5.026687	4.939501	5.135209	4.883199	5.143292
#2	155.3690	5.122927	5.036991	4.914679	5.101159	4.907360	5.126481
#3	153.6602	5.129273	4.992308	4.943008	5.113174	4.847923	5.136680

Sample Name: CCV073 Acquired: 03/22/2023 14:03:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV073 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.049933	5.142068	5.058190
Stddev	.022851	.057034	.067929
%RSD	.4524949	1.109166	1.342943

#1	5.064281	5.159063	5.050313
#2	5.061936	5.188672	5.129714
#3	5.023582	5.078468	4.994544

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	987.6338	21058.46	4137.626	552.0840	1222.753
Stddev	2.5399	102.30	42.076	5.2592	1.442
%RSD	.2571705	.4857937	1.016921	.9526097	.1179219

#1	986.0154	20940.39	4113.279	548.5177	1223.465
#2	990.5612	21114.41	4113.386	549.6103	1223.700
#3	986.3248	21120.58	4186.211	558.1239	1221.094

Sample Name: S1 Acquired: 03/22/2023 13:09:19 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) 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	.00033	.00125	.00301	.00110	.00814	.02540	.96387	.01683
Stddev	.00018	.00023	.00008	.00030	.00025	.00129	.00079	.00055
%RSD	54.281	18.701	2.5084	27.517	3.0157	5.0736	.08151	3.2704
#1	.00027	.00125	.00297	.00108	.00835	.02574	.96473	.01654
#2	.00053	.00102	.00296	.00080	.00787	.02649	.96370	.01747
#3	.00019	.00149	.00310	.00140	.00819	.02398	.96319	.01649
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	.01122	.42123	.00169	.04848	.01031	.00354	.01265	.06285
Stddev	.00034	.00517	.00011	.00004	.00037	.00020	.00035	.00047
%RSD	3.0069	1.2283	6.6443	.08217	3.6253	5.7278	2.7314	.74741
#1	.01140	.42615	.00182	.04851	.00988	.00357	.01303	.06305
#2	.01142	.42170	.00162	.04844	.01053	.00372	.01235	.06232
#3	.01083	.41584	.00162	.04851	.01051	.00332	.01256	.06319
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	.02749	.00345	.02968	.00673	.03042	.18491	-.00049	.01433
Stddev	.00060	.00021	.00096	.00059	.00135	.00143	.00014	.00040
%RSD	2.1875	6.0282	3.2486	8.6906	4.4255	.77202	29.499	2.7764
#1	.02724	.00355	.02888	.00628	.03197	.18504	-.00061	.01454
#2	.02705	.00360	.03075	.00652	.02975	.18627	-.00033	.01459
#3	.02817	.00321	.02940	.00740	.02953	.18343	-.00051	.01387
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	.00552	.00166	.04808	.00049	.07069	.03030	1.1254	
Stddev	.00018	.00015	.00091	.00011	.00163	.00154	.0048	
%RSD	3.2600	9.1934	1.8910	22.796	2.3075	5.0768	.42673	
#1	.00564	.00152	.04703	.00060	.07161	.03188	1.1237	
#2	.00531	.00182	.04866	.00038	.07165	.03021	1.1308	
#3	.00560	.00162	.04855	.00049	.06880	.02880	1.1217	

Sample Name: S1 Acquired: 03/22/2023 13:09:19 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1193.5	23535.	4250.5	660.31	1646.0
Stddev	2.0	100.	41.4	4.18	2.6
%RSD	.16881	.42614	.97494	.63282	.15993
#1	1194.5	23419.	4232.7	655.50	1648.8
#2	1194.8	23599.	4220.9	662.40	1645.6
#3	1191.2	23586.	4297.8	663.03	1643.6

Sample Name: S2 Acquired: 03/22/2023 13:13:26 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) 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	.04585	.07254	1.3590	.04328	.15990	3.8892	10.907	.43701
Stddev	.00018	.00075	.0006	.00031	.00252	.0065	.007	.00073
%RSD	.39325	1.0271	.04584	.72447	1.5776	.16815	.06645	.16702

#1	.04566	.07184	1.3583	.04312	.16279	3.8818	10.902	.43751
#2	.04602	.07245	1.3592	.04364	.15812	3.8942	10.916	.43617
#3	.04588	.07332	1.3595	.04308	.15880	3.8915	10.904	.43734

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	1.3312	4.9322	.54578	.57093	.99730	1.2229	2.7587	.73256
Stddev	.0022	.0096	.00276	.00032	.00188	.0023	.0057	.00122
%RSD	.16523	.19507	.50636	.05649	.18838	.18922	.20662	.16676

#1	1.3293	4.9292	.54895	.57089	.99520	1.2249	2.7537	.73214
#2	1.3306	4.9429	.54446	.57063	.99787	1.2234	2.7649	.73394
#3	1.3336	4.9244	.54391	.57127	.99883	1.2204	2.7575	.73162

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	.41731	.14338	.26877	.07509	1.8992	1.2955	.04441	.47832
Stddev	.00127	.00027	.00209	.00094	.0188	.0081	.00004	.00129
%RSD	.30527	.18517	.77815	1.2459	.98902	.62870	.08693	.26946

#1	.41584	.14342	.26696	.07402	1.8912	1.2991	.04444	.47960
#2	.41809	.14310	.26830	.07570	1.9206	1.3013	.04443	.47703
#3	.41801	.14363	.27106	.07557	1.8857	1.2862	.04437	.47833

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	.62618	.02064	.51940	.08976	.80041	1.5882	12.438
Stddev	.00051	.00010	.00100	.00047	.00237	.0077	.022
%RSD	.08207	.46733	.19302	.51958	.29628	.48690	.17864

#1	.62670	.02073	.51945	.09013	.79770	1.5940	12.446
#2	.62567	.02054	.51838	.08924	.80208	1.5911	12.455
#3	.62615	.02064	.52038	.08991	.80145	1.5794	12.413

Sample Name: S2 Acquired: 03/22/2023 13:13:26 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1127.3	22585.	4185.2	629.90	1474.8
Stddev	1.9	65.	19.6	7.49	2.2
%RSD	.16697	.28961	.46817	1.1884	.14603
#1	1125.1	22634.	4188.3	631.73	1473.7
#2	1128.6	22511.	4164.2	621.68	1477.3
#3	1128.1	22610.	4203.0	636.31	1473.5

Sample Name: S3 Acquired: 03/22/2023 13:17:19 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) 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	.09390	.14572	2.7562	.08689	.32683	7.7956	22.366	.85901
Stddev	.00063	.00057	.0045	.00075	.00173	.0143	.052	.00589
%RSD	.67298	.38859	.16168	.86689	.52853	.18387	.23052	.68604

#1	.09421	.14618	2.7513	.08775	.32646	7.8120	22.396	.85228
#2	.09318	.14589	2.7601	.08635	.32531	7.7853	22.396	.86325
#3	.09433	.14509	2.7570	.08657	.32870	7.7897	22.307	.86151

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	2.6915	9.7305	1.1143	1.1598	1.9926	2.4181	5.4289	1.4729
Stddev	.0017	.0130	.0043	.0013	.0078	.0088	.0176	.0059
%RSD	.06297	.13379	.38482	.11508	.39179	.36345	.32344	.40163

#1	2.6912	9.7451	1.1125	1.1587	2.0016	2.4282	5.4491	1.4795
#2	2.6934	9.7264	1.1112	1.1613	1.9882	2.4129	5.4172	1.4708
#3	2.6900	9.7201	1.1192	1.1593	1.9879	2.4131	5.4205	1.4683

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	.85141	.28849	.54315	.15103	3.8807	2.6219	.09301	.93317
Stddev	.00109	.00164	.00262	.00069	.0425	.0083	.00060	.00579
%RSD	.12852	.56687	.48245	.45901	1.0954	.31535	.64726	.62098

#1	.85255	.28818	.54617	.15177	3.9221	2.6279	.09371	.92659
#2	.85036	.28704	.54179	.15040	3.8372	2.6254	.09266	.93537
#3	.85132	.29026	.54148	.15093	3.8829	2.6125	.09267	.93753

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	1.2645	.04323	.97951	.18394	1.5901	3.1273	25.115	
Stddev	.0039	.00032	.00581	.00032	.0053	.0158	.046	
%RSD	.30536	.74380	.59275	.17538	.33482	.50534	.18357	

#1	1.2687	.04326	.97281	.18430	1.5962	3.1409	25.168	
#2	1.2612	.04353	.98297	.18369	1.5864	3.1311	25.092	
#3	1.2636	.04289	.98275	.18382	1.5877	3.1100	25.084	

Sample Name: S3 Acquired: 03/22/2023 13:17:19 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1091.7	22351.	4203.5	610.75	1394.7
Stddev	2.2	156.	9.0	3.40	1.4
%RSD	.19799	.69801	.21480	.55611	.10283
#1	1089.7	22288.	4213.3	608.15	1396.0
#2	1094.0	22529.	4201.7	614.60	1393.1
#3	1091.5	22237.	4195.5	609.52	1394.8

Sample Name: S4 Acquired: 03/22/2023 13:21:14 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) 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	.19373	.28491	5.5057	.17495	.67014	15.902	45.219	1.6891
Stddev	.00043	.00134	.0107	.00048	.00335	.020	.042	.0121
%RSD	.22079	.46963	.19417	.27651	.50057	.12470	.09280	.71579

#1	.19421	.28341	5.4935	.17541	.67234	15.923	45.265	1.6913
#2	.19361	.28532	5.5100	.17500	.67181	15.883	45.209	1.6760
#3	.19338	.28598	5.5136	.17444	.66628	15.899	45.183	1.6999

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	5.3622	19.612	2.1692	2.3439	3.9655	4.7893	10.780	2.9919
Stddev	.0061	.119	.0039	.0034	.0026	.0168	.058	.0111
%RSD	.11387	.60734	.18071	.14704	.06631	.35043	.54120	.37198

#1	5.3606	19.744	2.1737	2.3402	3.9626	4.8045	10.842	3.0023
#2	5.3689	19.577	2.1673	2.3445	3.9661	4.7920	10.773	2.9932
#3	5.3571	19.514	2.1666	2.3471	3.9678	4.7713	10.726	2.9802

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	1.6996	.58052	1.1035	.30331	8.0519	5.3405	.19179	1.8076
Stddev	.0002	.00265	.0061	.00082	.0481	.0117	.00009	.0135
%RSD	.01366	.45574	.55575	.26943	.59769	.21821	.04856	.74439

#1	1.6995	.57907	1.1105	.30400	8.0273	5.3513	.19177	1.8121
#2	1.6998	.57892	1.0990	.30354	8.1073	5.3420	.19189	1.7924
#3	1.6994	.58357	1.1010	.30241	8.0210	5.3281	.19171	1.8181

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	2.5706	.09022	1.8625	.37217	3.2024	6.4124	50.078	
Stddev	.0085	.00025	.0152	.00093	.0106	.0561	.480	
%RSD	.32961	.27935	.81818	.25040	.32950	.87536	.95859	

#1	2.5789	.08996	1.8676	.37113	3.2137	6.4765	50.632	
#2	2.5710	.09046	1.8454	.37293	3.2005	6.3881	49.787	
#3	2.5619	.09024	1.8746	.37245	3.1928	6.3725	49.815	

Sample Name: S4 Acquired: 03/22/2023 13:21:14 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1026.7	21587.	4128.3	568.47	1301.6
Stddev	4.4	132.	22.0	3.42	1.6
%RSD	.42886	.60951	.53284	.60097	.12190
#1	1022.1	21564.	4103.0	565.48	1299.8
#2	1027.2	21468.	4139.0	567.75	1302.4
#3	1030.9	21728.	4142.8	572.19	1302.6

Sample Name: S5 Acquired: 03/22/2023 13:25:15 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) 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	.40133	.55161	10.894	.35896	1.4023	32.132	87.777	3.2971
Stddev	.00084	.00198	.023	.00040	.0027	.196	1.759	.0220
%RSD	.20842	.35944	.21460	.11085	.19171	.61002	2.0035	.66652
#1	.40117	.54937	10.911	.35927	1.4004	32.108	88.834	3.2748
#2	.40224	.55235	10.867	.35910	1.4011	31.949	85.747	3.3187
#3	.40059	.55312	10.904	.35851	1.4053	32.339	88.751	3.2979
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	10.500	38.683	4.2047	4.6746	7.8300	9.2747	21.032	5.9895
Stddev	.009	.487	.0276	.0130	.0079	.0932	.272	.0638
%RSD	.08995	1.2584	.65721	.27847	.10040	1.0049	1.2917	1.0645
#1	10.511	38.736	4.2354	4.6799	7.8232	9.2833	21.055	5.9878
#2	10.496	38.171	4.1968	4.6598	7.8282	9.1775	20.749	5.9266
#3	10.493	39.140	4.1819	4.6842	7.8386	9.3634	21.291	6.0541
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	3.3635	1.1365	2.2135	.59543	17.046	10.774	.39030	3.4583
Stddev	.0052	.0041	.0180	.00587	.246	.020	.00081	.0286
%RSD	.15342	.35690	.81331	.98659	1.4424	.18675	.20711	.82597
#1	3.3678	1.1384	2.2138	.59599	17.110	10.791	.39114	3.4323
#2	3.3578	1.1394	2.1954	.58930	16.774	10.778	.38953	3.4889
#3	3.3649	1.1319	2.2314	.60100	17.253	10.752	.39023	3.4538
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	5.2312	.18440	3.5624	.75007	6.3074	13.028	99.888	
Stddev	.0060	.00049	.0239	.00033	.0482	.182	1.799	
%RSD	.11489	.26341	.67205	.04392	.76447	1.3982	1.8009	
#1	5.2283	.18485	3.5455	.74972	6.3059	13.046	101.70	
#2	5.2381	.18389	3.5898	.75014	6.2600	12.838	98.098	
#3	5.2272	.18446	3.5520	.75037	6.3564	13.201	99.870	

Sample Name: S5 Acquired: 03/22/2023 13:25:15 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	932.13	20690.	4046.0	510.11	1191.6
Stddev	1.16	208.	19.6	5.51	2.2
%RSD	.12395	1.0073	.48410	1.0793	.18376
#1	930.93	20459.	4024.9	505.14	1189.1
#2	932.22	20864.	4063.5	516.03	1193.2
#3	933.23	20747.	4049.5	509.17	1192.4

Sample Name: S6 Acquired: 03/22/2023 13:29:23 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) 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	89.219	68.701	24.490	10.434	6.3730
Stddev	.564	.358	.084	.031	.0162
%RSD	.63171	.52123	.34143	.29467	.25436

#1	89.610	68.396	24.422	10.407	6.3649
#2	89.474	69.095	24.583	10.467	6.3917
#3	88.573	68.613	24.465	10.429	6.3624

Int. Std.	Y_3710
Units	Cts/S
Avg	4215.6
Stddev	9.1
%RSD	.21564

#1	4213.2
#2	4208.0
#3	4225.7

Sample Name: ICV014 Acquired: 03/22/2023 13:47:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV014 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9952743	1.095765	.9984281	1.006475	.9986147	2.505373
Stddev	.0019359	.003374	.0029484	.000293	.0012841	.010914
%RSD	.1945073	.3078834	.2952988	.0290726	.1285917	.4356351

#1	.9930738	1.091907	.9991335	1.006310	.9971722	2.502709
#2	.9960343	1.098161	.9951911	1.006813	.9990386	2.496037
#3	.9967149	1.097226	1.000960	1.006302	.9996332	2.517372

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5350318	.5374704	.5185395	10.46317	.5690015	.5197065
Stddev	.0006357	.0051001	.0001785	.08209	.0060681	.0004617
%RSD	.1188163	.9489040	.0344291	.7845749	1.066453	.0888286

#1	.5343696	.5399080	.5186300	10.39965	.5739665	.5201584
#2	.5356372	.5316089	.5183338	10.43399	.5708008	.5192357
#3	.5350886	.5408942	.5186546	10.55587	.5622372	.5197255

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5251148	10.72691	.5652911	5.636934	.5309341	.2471856
Stddev	.0026455	.08431	.0050986	.082834	.0008640	.0022301
%RSD	.5037896	.7859806	.9019483	1.469488	.1627278	.9021874

#1	.5265744	10.73101	.5616526	5.595041	.5319168	.2494649
#2	.5267089	10.64062	.5631019	5.583414	.5302938	.2470838
#3	.5220611	10.80909	.5711187	5.732347	.5305916	.2450082

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.02309	.5382641	.9534980	9.650976	F -.000403	F .0093783
Stddev	.23938	.0061223	.0027823	.040225	.000650	.0011317
%RSD	2.388308	1.137409	.2918001	.4167976	161.2498	12.06686

#1	9.94370	.5312774	.9542393	9.642382	-.000496	.0101799
#2	10.29208	.5408239	.9504201	9.615743	-.001001	.0080838
#3	9.83349	.5426910	.9558345	9.694804	.000288	.0098712

Sample Name: ICV014 Acquired: 03/22/2023 13:47:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV014 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0012889	F .0037865	F .0104213	F .0003922	F .0010037	F .0007816
Stddev	.0003782	.0033783	.0009939	.0018259	.0003602	.0009015
%RSD	29.33901	89.22062	9.536844	465.5686	35.88343	115.3357

#1	.0016047	.0037239	.0115087	.0024980	.0013895	.0009503
#2	.0013922	.0004399	.0101956	-.000750	.0009455	-.000192
#3	.0008698	.0071956	.0095598	-.000572	.0006762	.001587

Elem	Sr4077
Units	ppm
Avg	F .0012474
Stddev	.0000777
%RSD	6.226381

#1	.0011752
#2	.0013296
#3	.0012375

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1201.231	23898.86	4435.437	668.2383	1650.539
Stddev	2.137	90.75	50.460	.2731	.721
%RSD	.1779078	.3797414	1.137659	.0408698	.0436980

#1	1198.921	23795.82	4426.125	668.4581	1649.815
#2	1203.138	23966.91	4489.905	667.9326	1651.257
#3	1201.634	23933.86	4390.282	668.3243	1650.544

Sample Name: ICB014 Acquired: 03/22/2023 13:51:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB014 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006741	.0017274	.0026487	.0053863	.0037471	.0022043	-.000630
Stddev	.008979	.0018032	.0027656	.0062221	.0023964	.0046451	.001631
%RSD	133.2042	104.3883	104.4141	115.5180	63.95358	210.7278	258.6074

#1	-.004731	.0013207	.0038929	.0011060	.0023664	-.002214	-.001416
#2	-.016554	.0001623	-.000520	.0125238	.0065143	.001780	.001244
#3	.001063	.0036992	.004574	.0025290	.0023607	.007047	-.001720

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000094	-.000077	.0014368	.0008205	-.000124	-.002233	.0001629
Stddev	.0000600	.000087	.0130554	.0007185	.000179	.002214	.0088581
%RSD	642.0125	113.9992	908.6315	87.57188	144.0728	99.13345	5438.852

#1	-.000039	-.000107	.0164272	-.000004	-.000200	.000078	.0059479
#2	.000077	-.000145	-.007441	.001155	.000080	-.004335	-.010035
#3	-.000009	.000022	-.004676	.001311	-.000252	-.002444	.004575

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000524	-.021167	-.000240	.0003370	.2219653	.0002503	.0009557
Stddev	.0004976	.016957	.000341	.0000423	.1451747	.0028110	.0017145
%RSD	950.3130	80.10737	141.7692	12.54289	65.40423	1122.900	179.3961

#1	.0002958	-.005888	.000061	.0003706	.0699758	-.001778	.0013514
#2	.0003814	-.018204	-.000610	.0002896	.2367221	-.000931	.0024378
#3	-.000520	-.039410	-.000172	.0003509	.3591979	.003459	-.000922

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.016815	.0002287	.0019482	.0002752	-.003199	.0037326	.0017579
Stddev	.008822	.0009085	.0009243	.0003072	.006583	.0003327	.0012739
%RSD	52.46598	397.2126	47.44652	111.6290	205.7504	8.912473	72.46747

#1	-.026981	-.000698	.0018608	.0003709	-.000319	.0033490	.0002887
#2	-.011161	.000265	.0010706	-.000068	-.010731	.0039421	.0024294
#3	-.012303	.001118	.0029130	.000523	.001452	.0039067	.0025557

Sample Name: ICB014 Acquired: 03/22/2023 13:51:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB014 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006573	.0008475	-.000046
Stddev	.0014897	.0005488	.000030
%RSD	226.6488	64.75438	64.39807

#1	.0008278	.0002152	-.000030
#2	.0020543	.0012003	-.000081
#3	-.000910	.0011270	-.000028

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1208.041	24002.32	4393.323	674.3929	1698.115
Stddev	2.774	34.38	16.444	5.3369	2.352
%RSD	.2296392	.1432553	.3743015	.7913689	.1384882

#1	1207.599	23978.73	4375.345	670.8450	1697.584
#2	1211.009	23986.45	4397.019	671.8032	1700.687
#3	1205.514	24041.77	4407.604	680.5306	1696.074

Sample Name: ICSA014 Acquired: 03/22/2023 13:55:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA014 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002435	-.015521	-.004666	.0088657	.0023920	251.4630
Stddev	.012404	.005324	.005828	.0089394	.0058233	.4170
%RSD	509.4692	34.30045	124.9025	100.8307	243.4530	.1658202

#1	-.015899	-.015238	.000462	.0191681	-.000563	251.5680
#2	.000068	-.020980	-.003456	.0042683	-.001361	251.8174
#3	.008528	-.010344	-.011004	.0031606	.009100	251.0035

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041461	.0013952	.0037468	256.4533	.0516360	-.000705
Stddev	.0003800	.0002231	.0001328	.7358	.0008758	.000602
%RSD	9.164199	15.99184	3.543799	.2869067	1.696155	85.32963

#1	.0045639	.0012062	.0038967	257.0323	.0526249	-.000120
#2	.0038213	.0013381	.0036438	256.7022	.0513248	-.000673
#3	.0040530	.0016413	.0037000	255.6253	.0509582	-.001322

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006299	103.2065	.0171900	242.7599	-.001546	-.003954
Stddev	.001241	.3915	.0007104	1.1193	.001103	.000209
%RSD	19.69386	.3793088	4.132337	.4610805	71.35481	5.283085

#1	-.006230	103.1606	.0165814	243.1889	-.002385	-.003922
#2	-.007573	103.6190	.0179705	243.6012	-.001957	-.004177
#3	-.005095	102.8401	.0170181	241.4895	-.000296	-.003762

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4450954	.0015639	.0104307	-.035335	.0070433	F .0406091
Stddev	.1058898	.0030861	.0018601	.016169	.0027241	.0019034
%RSD	23.79035	197.3404	17.83309	45.75844	38.67604	4.687239

#1	.3280416	.0051000	.0087280	-.023018	.0070394	.0426723
#2	.5342237	.0001781	.0124159	-.053645	.0043212	.0402333
#3	.4730208	-.000587	.0101481	-.029342	.0097693	.0389215

Sample Name: ICSA014 Acquired: 03/22/2023 13:55:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA014 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000555	-.003084	-.000695	-.005638	-.001652	.0032345
Stddev	.000604	.009906	.001202	.005970	.001169	.0010654
%RSD	108.7355	321.1983	172.9362	105.8939	70.72947	32.93673

#1	.000142	-.013916	-.001945	-.004856	-.002947	.0044121
#2	-.000902	.005514	-.000594	-.011960	-.000675	.0029541
#3	-.000905	-.000850	.000453	-.000097	-.001335	.0023375

Elem	Sr4077
Units	ppm
Avg	F .1102833
Stddev	.0002382
%RSD	.2160178

#1	.1101059
#2	.1105541
#3	.1101900

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1099.731	22335.53	4265.678	623.9410	1397.925
Stddev	2.718	76.14	16.882	2.2931	3.986
%RSD	.2471202	.3408755	.3957561	.3675231	.2851557

#1	1102.649	22248.60	4284.282	624.5271	1395.295
#2	1099.271	22390.34	4251.336	621.4117	1395.968
#3	1097.272	22367.65	4261.417	625.8842	1402.512

Sample Name: ICSAB014 Acquired: 03/22/2023 13:59:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB014 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1071317	.1028156	.0515647	.0585185	.6296073	255.7513
Stddev	.0078099	.0056393	.0024573	.0167724	.0050495	.8826
%RSD	7.289958	5.484855	4.765501	28.66167	.8020036	.3451142

#1	.1137929	.1055013	.0531479	.0778695	.6334851	254.9659
#2	.0985366	.1066101	.0528123	.0481605	.6314392	255.5815
#3	.1090654	.0963355	.0487338	.0495254	.6238976	256.7065

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5399869	.5529299	1.081996	260.4008	.6041609	.5337188
Stddev	.0011751	.0045509	.001216	.7360	.0051132	.0008327
%RSD	.2176076	.8230559	.1123425	.2826594	.8463357	.1560257

#1	.5391575	.5564925	1.080611	260.2404	.6089480	.5334062
#2	.5413315	.5544940	1.082488	259.7582	.6047601	.5330876
#3	.5394715	.5478032	1.082888	261.2038	.5987744	.5346626

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5400807	102.9487	.5679314	247.2123	1.064211	.1821084
Stddev	.0027981	.2656	.0005344	.6164	.004470	.0003673
%RSD	.5180819	.2579922	.0940915	.2493349	.4200585	.2016925

#1	.5386771	103.1332	.5685274	247.4613	1.060013	.1822719
#2	.5382623	102.6443	.5677720	246.5104	1.063709	.1823655
#3	.5433027	103.0685	.5674949	247.6653	1.068911	.1816877

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7407217	.5351855	1.016798	.7311753	.0081620	F .0490898
Stddev	.0642487	.0072517	.022209	.1027580	.0019564	.0020008
%RSD	8.673795	1.354987	2.184176	14.05381	23.96969	4.075722

#1	.7199790	.5334443	1.007208	.8474407	.0059050	.0512454
#2	.8127794	.5289629	1.000997	.6935600	.0092076	.0472922
#3	.6894068	.5431493	1.042191	.6525252	.0093734	.0487317

Sample Name: ICSAB014 Acquired: 03/22/2023 13:59:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB014 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001008	-.005445	.0044140	.0061200	-.002578	F .0368743
Stddev	.000534	.009457	.0030452	.0016491	.000547	.0010771
%RSD	53.02897	173.6859	68.99030	26.94610	21.21420	2.920918

#1	-.001523	-.014457	.0049250	.0044352	-.002491	.0374067
#2	-.000456	-.006281	.0071714	.0077309	-.002081	.0375815
#3	-.001044	.004402	.0011456	.0061941	-.003164	.0356347

Elem	Sr4077
Units	ppm
Avg	F .1129645
Stddev	.0000869
%RSD	.0769691

#1	.1129597
#2	.1130538
#3	.1128801

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1087.463	22127.78	4228.136	612.4549	1365.475
Stddev	4.006	62.71	20.489	6.5670	2.114
%RSD	.3684205	.2834110	.4845864	1.072242	.1548344

#1	1082.890	22097.88	4205.808	611.0803	1363.202
#2	1090.358	22199.85	4232.528	619.6004	1367.383
#3	1089.140	22085.62	4246.073	606.6840	1365.839

Sample Name: CCB073 Acquired: 03/22/2023 14:16:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB073 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001320	.0020180	.0002327	.0042388	.0038022	-.007572	-.000757
Stddev	.005436	.0019002	.0011156	.0105438	.0037763	.006723	.000923
%RSD	411.8204	94.16159	479.2915	248.7461	99.32028	88.79273	121.9096

#1	.001475	.0010085	-.000236	.0149328	.0056096	-.008444	-.001439
#2	-.007585	.0008356	.001506	-.006148	.0063352	-.000455	-.001127
#3	.002150	.0042098	-.000572	.003931	-.000538	-.013816	.000293

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000037	-.000051	-.002453	.0003397	.0000501	.0028405	.0038313
Stddev	.000023	.000046	.010351	.0008580	.0002711	.0026420	.0106755
%RSD	62.90161	91.56701	421.9185	252.5473	541.3547	93.01339	278.6391

#1	-.000016	-.000012	.008362	.0012756	-.000150	.0017454	.0044850
#2	-.000032	-.000102	-.003454	.0001530	.000359	.0009221	.0141648
#3	-.000061	-.000038	-.012268	-.000409	-.000059	.0058540	-.007156

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000484	-.004935	.0001753	.0001086	.0716170	.0013775	.0013709
Stddev	.0003616	.023626	.0003149	.0002440	.2071009	.0013678	.0007487
%RSD	747.0393	478.7570	179.6256	224.6732	289.1785	99.29400	54.61079

#1	-.000018	-.001133	.0003559	-.000036	.0784627	.0028570	.0022209
#2	-.000275	-.030232	-.000188	.000390	.2752101	.0011165	.0010820
#3	.000438	.016560	.000358	-.000028	-.138822	.0001590	.0008097

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0413907	.0034559	-.001241	.0003349	.0037947	.0015358	.0004719
Stddev	.0134594	.0036666	.001285	.0002083	.0071044	.0019418	.0012946
%RSD	32.51801	106.0971	103.5914	62.17956	187.2169	126.4347	274.3472

#1	.0454073	.0045347	-.001656	.0004263	-.003734	-.000001	.0016296
#2	.0523846	-.000629	.000201	.0004819	.004739	.003718	-.000926
#3	.0263802	.006462	-.002266	.0000966	.010380	.000891	.000712

Sample Name: CCB073 Acquired: 03/22/2023 14:16:28 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB073 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005845	.0014276	-.000075
Stddev	.0004531	.0007498	.000049
%RSD	77.52232	52.51983	65.32287

#1	.0009562	.0016798	-.000117
#2	.0000798	.0020188	-.000088
#3	.0007175	.0005843	-.000021

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1203.650	23937.81	4351.377	675.2587	1687.926
Stddev	.330	9.85	32.589	2.9806	1.651
%RSD	.0274483	.0411480	.7489252	.4414071	.0978391

#1	1203.373	23927.83	4387.670	678.7005	1686.215
#2	1204.016	23938.07	4341.838	673.5258	1688.054
#3	1203.561	23947.52	4324.622	673.5499	1689.511

Sample Name: O1915-01A Acquired: 03/22/2023 14:20:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: YBLA2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000119	.0036768	.0207062	.0126737	.0017025	1.040274
Stddev	.007594	.0050043	.0045100	.0028499	.0037140	.016568
%RSD	6405.580	136.1049	21.78092	22.48700	218.1472	1.592614

#1	.003058	.0062709	.0188007	.0137789	-.002468	1.058177
#2	-.008785	-.002092	.0258561	.0148055	.004653	1.037163
#3	.005372	.006852	.0174616	.0094367	.002923	1.025483

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0296769	.0002925	.0004307	198.9141	.0044342	.0036018
Stddev	.0007837	.0000463	.0001462	.4378	.0003358	.0000201
%RSD	2.640891	15.81901	33.93677	.2200792	7.572493	.5568855

#1	.0304583	.0002479	.0005539	199.4186	.0042359	.0036153
#2	.0296814	.0002893	.0004692	198.6348	.0048218	.0036114
#3	.0288909	.0003403	.0002692	198.6888	.0042448	.0035788

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026301	11.60249	.3622882	112.2864	.0604026	.0002137
Stddev	.0024233	.03476	.0001056	.5886	.0006202	.0002422
%RSD	92.13517	.2995800	.0291362	.5241650	1.026785	113.3013

#1	.0037515	11.60013	.3622819	112.7092	.0604244	-.000050
#2	-.000151	11.56897	.3623968	111.6142	.0597717	.000264
#3	.004290	11.63837	.3621859	112.5359	.0610116	.000427

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.527381	.0023927	.0171599	2.899411	.0429624	.1153973
Stddev	.290813	.0007305	.0028776	.027454	.0062372	.0021699
%RSD	6.423416	30.53123	16.76919	.9468802	14.51768	1.880408

#1	4.817154	.0017368	.0196702	2.874721	.0463736	.1167381
#2	4.529451	.0031800	.0140195	2.928976	.0357637	.1128938
#3	4.235540	.0022613	.0177900	2.894535	.0467500	.1165600

Sample Name: O1915-01A Acquired: 03/22/2023 14:20:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: YBLA2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084509	F 260.0102	5.638181	-.007678	-.002531	.0210697
Stddev	.0003839	.3922	.066790	.003302	.000428	.0006826
%RSD	4.543064	.1508551	1.184599	43.00551	16.91933	3.239593

#1	.0086228	259.7636	5.694910	-.006305	-.002036	.0203677
#2	.0087188	260.4625	5.564570	-.011444	-.002783	.0217310
#3	.0080110	259.8044	5.655063	-.005284	-.002772	.0211105

Elem	Sr4077
Units	ppm
Avg	.7445971
Stddev	.0005420
%RSD	.0727943

#1	.7450261
#2	.7439879
#3	.7447773

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1116.534	22762.32	4294.101	628.2464	1484.794
Stddev	5.326	125.22	35.806	.6144	3.787
%RSD	.4770267	.5501316	.8338481	.0977899	.2550375

#1	1114.162	22893.71	4267.755	628.7862	1484.874
#2	1122.634	22644.34	4334.870	627.5779	1488.540
#3	1112.806	22748.90	4279.680	628.3752	1480.967

Sample Name: O1916-12 Acquired: 03/22/2023 14:24:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: YBL93 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017512	.0013943	.0038643	.0143620	.0023471	.0649134
Stddev	.0049178	.0072542	.0024016	.0027773	.0014252	.0045421
%RSD	280.8192	520.2802	62.14849	19.33805	60.72109	6.997192

#1	.0058447	.0042463	.0026897	.0113326	.0032947	.0678508
#2	.0031130	.0067891	.0066270	.0149653	.0007081	.0672076
#3	-.003704	-.006853	.0022760	.0167881	.0030386	.0596818

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0376772	.0001832	.0001321	219.7228	.0019553	.0029473
Stddev	.0014056	.0001115	.0000180	1.9057	.0006390	.0001847
%RSD	3.730583	60.84601	13.60121	.8672999	32.68077	6.266922

#1	.0379217	.0000592	.0001173	217.5266	.0017672	.0028297
#2	.0389445	.0002751	.0001521	220.9387	.0014314	.0031602
#3	.0361654	.0002154	.0001269	220.7032	.0026672	.0028521

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012510	.0901218	.3202258	123.4503	.0565300	.0001777
Stddev	.0000497	.0047265	.0018730	.5229	.0006571	.0001114
%RSD	3.969786	5.244522	.5849114	.4235779	1.162466	62.70767

#1	.0013084	.0955740	.3180693	122.8690	.0562538	.0003054
#2	.0012214	.0876068	.3214462	123.8825	.0572801	.0001272
#3	.0012233	.0871847	.3211621	123.5993	.0560560	.0001004

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.166647	-.002560	.0091871	2.898787	.0030509	.0801962
Stddev	.219500	.000955	.0036298	.005282	.0071062	.0018980
%RSD	5.268023	37.30723	39.50943	.1822158	232.9200	2.366640

#1	4.400337	-.001892	.0125783	2.895040	.0012668	.0785939
#2	4.134784	-.003654	.0096246	2.896493	.0108792	.0822922
#3	3.964820	-.002134	.0053584	2.904829	-.002993	.0797025

Sample Name: O1916-12 Acquired: 03/22/2023 14:24:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: YBL93 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0144077	F 300.0824	6.263885	-.006280	-.005152	.0131096
Stddev	.0005241	.7500	.046180	.002153	.000643	.0012882
%RSD	3.637604	.2499166	.7372405	34.28774	12.47192	9.826177
#1	.0143164	300.6354	6.239284	-.003802	-.005011	.0125355
#2	.0149714	300.3830	6.317157	-.007696	-.004591	.0145850
#3	.0139352	299.2287	6.235213	-.007342	-.005853	.0122082

Elem	Sr4077
Units	ppm
Avg	.6931587
Stddev	.0007050
%RSD	.1017068
#1	.6923548
#2	.6936717
#3	.6934495

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1184.313	23833.02	4480.977	670.0645	1563.955
Stddev	1.606	41.55	35.834	1.8059	4.793
%RSD	.1355878	.1743515	.7997025	.2695100	.3064526
#1	1183.820	23812.93	4497.510	668.2040	1562.035
#2	1183.012	23805.34	4439.861	671.8103	1560.419
#3	1186.108	23880.81	4505.561	670.1793	1569.410

Sample Name: O1688-11DLX2 Acquired: 03/22/2023 14:33:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: YBQL9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069758	.0032000	.0061118	-.004115	.0009664	.4441384
Stddev	.0033855	.0056004	.0010175	.003861	.0055363	.0066251
%RSD	48.53235	175.0110	16.64834	93.82913	572.8771	1.491665

#1	.0107506	.0046202	.0049415	-.007976	.0056226	.4409933
#2	.0042080	-.002974	.0066073	-.000254	-.005155	.4517502
#3	.0059689	.007954	.0067867	-.004115	.002432	.4396718

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0187456	-.000047	.0002653	97.58452	.0024723	.0716999
Stddev	.0004457	.000085	.0001549	1.30655	.0005410	.0004503
%RSD	2.377535	178.9826	58.39508	1.338895	21.88354	.6279990

#1	.0182729	.000050	.0001251	96.10363	.0023144	.0713163
#2	.0188059	-.000106	.0002391	98.07537	.0030748	.0715878
#3	.0191581	-.000087	.0004316	98.57456	.0020279	.0721957

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110028	3.816261	5.791840	63.89567	.1797747	-.000640
Stddev	.0003128	.062549	.080966	.73740	.0010464	.000277
%RSD	2.843209	1.639010	1.397940	1.154065	.5820723	43.32009

#1	.0106971	3.751798	5.699146	63.05152	.1806987	-.000735
#2	.0109888	3.876702	5.827636	64.22127	.1799869	-.000858
#3	.0113223	3.820283	5.848739	64.41424	.1786384	-.000328

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	459.3239	-.004903	.1088142	21.12600	.0001810	277.0559
Stddev	4.7559	.001441	.0031221	.14722	.0028368	2.5394
%RSD	1.035402	29.38211	2.869213	.6968474	1567.582	.9165623

#1	453.8357	-.004535	.1102424	20.95649	-.001217	275.9498
#2	461.9012	-.003683	.1052334	21.22183	.003445	275.2571
#3	462.2349	-.006492	.1109667	21.19967	-.001685	279.9607

Sample Name: O1688-11DLX2 Acquired: 03/22/2023 14:33:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: YBQL9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000045	F 528.3047	9.774591	.0029524	-.001895	1.980159
Stddev	.000587	1.2496	.034833	.0043848	.000362	.031744
%RSD	1291.836	.2365331	.3563673	148.5148	19.09416	1.603109
#1	-.000359	529.3084	9.755779	-.001376	-.002312	1.943795
#2	.000632	528.7007	9.814786	.002842	-.001675	1.994350
#3	-.000409	526.9051	9.753208	.007391	-.001696	2.002332

Elem	Sr4077
Units	ppm
Avg	1.039584
Stddev	.005755
%RSD	.5535547
#1	1.032973
#2	1.043467
#3	1.042312

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1108.504	22503.39	4341.075	628.5079	1369.422
Stddev	1.946	87.64	22.194	2.2884	2.268
%RSD	.1755260	.3894536	.5112629	.3640942	.1656355
#1	1110.560	22593.06	4364.553	631.0663	1370.489
#2	1106.691	22417.93	4320.437	626.6563	1366.817
#3	1108.260	22499.17	4338.235	627.8011	1370.959

Sample Name: O1688-09DLX2 Acquired: 03/22/2023 14:28:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: YBQN9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021274	.0016515	.0049877	-.005542	.0018502	12.39673
Stddev	.0037675	.0022533	.0008920	.014310	.0027550	.02321
%RSD	177.0897	136.4381	17.88486	258.2281	148.9033	.1872479

#1	.0060064	.0004168	.0048444	-.008772	.0048371	12.40326
#2	.0018937	.0042523	.0041759	.010108	.0013050	12.37095
#3	-.001518	.0002854	.0059427	-.017961	-.000591	12.41598

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023994	.0013952	.0030460	91.91711	.0108596	.0808632
Stddev	.0003789	.0000406	.0000569	.66181	.0007728	.0002815
%RSD	15.79129	2.907457	1.866995	.7200067	7.115983	.3481035

#1	.0019680	.0013605	.0030429	91.74799	.0116835	.0806555
#2	.0025521	.0014398	.0031043	91.35627	.0101509	.0811835
#3	.0026781	.0013854	.0029906	92.64707	.0107445	.0807505

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0210549	66.11586	5.742258	61.55389	.1867900	-.002808
Stddev	.0033311	.26239	.032450	.24239	.0011172	.000333
%RSD	15.82095	.3968671	.5651169	.3937827	.5981133	11.86950

#1	.0232030	66.15865	5.735141	61.65586	.1860099	-.002724
#2	.0227441	65.83470	5.713957	61.27718	.1880698	-.003175
#3	.0172177	66.35422	5.777677	61.72864	.1862902	-.002525

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	421.6628	.0320360	.1541646	19.42353	.0230941	258.7641
Stddev	1.7842	.0026247	.0029120	.09169	.0082373	2.3572
%RSD	.4231359	8.193082	1.888860	.4720378	35.66853	.9109430

#1	421.3317	.0309113	.1574654	19.33248	.0261620	256.8196
#2	420.0673	.0301611	.1519590	19.51584	.0137631	258.0870
#3	423.5893	.0350357	.1530695	19.42226	.0293572	261.3857

Sample Name: O1688-09DLX2 Acquired: 03/22/2023 14:28:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: YBQN9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-0.000483	F 564.4818	20.30132	.0083191	-.000385	1.439084
Stddev	.000384	1.1113	.15731	.0011771	.001378	.012391
%RSD	79.55466	.1968723	.7748957	14.14978	357.8992	.8609998

#1	-0.000232	563.2000	20.28175	.0093779	.001081	1.436165
#2	-0.000925	565.1752	20.15470	.0085279	-.000583	1.428413
#3	-0.000291	565.0702	20.46750	.0070516	-.001654	1.452673

Elem	Sr4077
Units	ppm
Avg	.7445335
Stddev	.0006500
%RSD	.0873086

#1	.7439984
#2	.7452569
#3	.7443451

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1151.648	23262.74	4513.312	649.3223	1376.272
Stddev	2.615	116.95	28.089	6.5536	1.045
%RSD	.2270973	.5027453	.6223523	1.009291	.0759092

#1	1153.428	23136.20	4504.575	641.7673	1375.145
#2	1152.870	23366.85	4544.731	652.7257	1377.208
#3	1148.645	23285.18	4490.631	653.4740	1376.464

Sample Name: O1688-12DLX2 Acquired: 03/22/2023 14:37:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: YBQM0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019922	.0055243	.0066169	.0008738	.0055362	.5772714
Stddev	.0058667	.0005386	.0025862	.0088500	.0031918	.0152929
%RSD	294.4798	9.748824	39.08478	1012.833	57.65252	2.649165

#1	-.003426	.0059936	.0068164	-.002338	.0045481	.5774054
#2	.008223	.0049363	.0090976	.010881	.0091052	.5924968
#3	.001179	.0056431	.0039368	-.005922	.0029553	.5619120

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0181044	-.000028	.0002131	98.00777	.0037501	.0734633
Stddev	.0005170	.000199	.0001181	.58469	.0013743	.0003380
%RSD	2.855595	700.8117	55.42954	.5965720	36.64675	.4600298

#1	.0183579	-.000008	.0002674	98.10530	.0024354	.0730887
#2	.0175096	.000160	.0000776	97.38045	.0051771	.0737454
#3	.0184457	-.000237	.0002944	98.53756	.0036377	.0735558

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071403	3.829174	5.799200	64.02544	.1818060	-.000696
Stddev	.0003904	.017392	.040894	.49094	.0013354	.000482
%RSD	5.468103	.4542079	.7051709	.7667813	.7345436	69.27553

#1	.0073359	3.809439	5.810245	64.25317	.1831835	-.000542
#2	.0066907	3.835818	5.753918	63.46199	.1805170	-.001237
#3	.0073943	3.842266	5.833438	64.36115	.1817176	-.000310

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	462.7297	-.003065	.0911413	21.40462	.0011864	276.5809
Stddev	1.1491	.001624	.0015776	.05172	.0026913	2.9424
%RSD	.2483344	52.97369	1.730943	.2416149	226.8405	1.063842

#1	463.5107	-.004677	.0929390	21.35220	-.001713	279.8923
#2	461.4102	-.001430	.0904975	21.40606	.003605	274.2666
#3	463.2681	-.003090	.0899873	21.45561	.001667	275.5838

Sample Name: O1688-12DLX2 Acquired: 03/22/2023 14:37:15 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: YBQM0 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000019	F 536.9206	9.789093	.0006639	-.001391	1.978436
Stddev	.000282	.0646	.036914	.0031879	.001138	.017239
%RSD	1520.528	.0120277	.3770892	480.1559	81.80678	.8713471

#1	.000186	536.9641	9.830778	.0009379	-.002682	1.985429
#2	.000099	536.8464	9.775957	-.002652	-.000959	1.958800
#3	-.000340	536.9512	9.760543	.003706	-.000533	1.991080

Elem	Sr4077
Units	ppm
Avg	1.052840
Stddev	.003134
%RSD	.2976733

#1	1.055908
#2	1.049644
#3	1.052968

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1112.234	22402.44	4395.301	630.0911	1367.813
Stddev	1.875	99.10	31.557	4.2815	2.447
%RSD	.1685894	.4423756	.7179800	.6795035	.1788878

#1	1111.994	22333.63	4359.103	625.1621	1370.026
#2	1110.490	22516.03	4417.022	632.2236	1365.185
#3	1114.217	22357.65	4409.779	632.8876	1368.227

Sample Name: O1955-01 Acquired: 03/22/2023 14:41:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: DCAP9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6610184	-.021259	.5523884	.0319730	.1652340	16.49513
Stddev	.0116386	.002594	.0022397	.0100997	.0050275	.06218
%RSD	1.760712	12.20303	.4054526	31.58837	3.042627	.3769493

#1	.6574435	-.022695	.5542916	.0204496	.1695465	16.45527
#2	.6515866	-.018264	.5529532	.0392882	.1664434	16.56677
#3	.6740252	-.022818	.5499204	.0361813	.1597122	16.46334

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.712983	.0032825	.5929604	F 808.6231	7.998429	.6945125
Stddev	.003949	.0000746	.0009464	7.3984	.069180	.0017834
%RSD	.2305477	2.271586	.1596102	.9149426	.8649200	.2567811

#1	1.715378	.0032238	.5929525	801.7766	8.077591	.6943471
#2	1.708425	.0033664	.5920179	816.4714	7.968114	.6928176
#3	1.715146	.0032572	.5939107	807.6213	7.949580	.6963728

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 43.13209	136.0338	2.291241	345.4017	F 8.847762	.0095511
Stddev	.05241	.9637	.017628	2.6108	.008862	.0004965
%RSD	.1215118	.7084216	.7693795	.7558739	.1001661	5.198493

#1	43.13807	135.2371	2.272918	343.2645	8.852257	.0093594
#2	43.18125	137.1050	2.308081	348.3116	8.837553	.0101148
#3	43.07694	135.7594	2.292725	344.6289	8.853477	.0091789

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.572837	.2538392	1.348567	6.889171	2.993459	1.229084
Stddev	.186029	.0034153	.010537	.052479	.009025	.031543
%RSD	7.230515	1.345461	.7813739	.7617583	.3014743	2.566387

#1	2.711207	.2529407	1.336883	6.843170	3.001517	1.254082
#2	2.645944	.2576139	1.357349	6.878011	2.983708	1.239527
#3	2.361359	.2509629	1.351468	6.946332	2.995153	1.193644

Sample Name: O1955-01 Acquired: 03/22/2023 14:41:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: DCAP9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0226080	1.705070	10.32548	-.002157	.5655519	.0491891
Stddev	.0010511	.006782	.08039	.001303	.0020543	.0021829
%RSD	4.649109	.3977398	.7785555	60.41005	.3632405	4.437761

#1	.0234633	1.703366	10.32299	-.002269	.5649567	.0471099
#2	.0214346	1.699304	10.40708	-.000801	.5678381	.0489949
#3	.0229261	1.712542	10.24636	-.003400	.5638610	.0514627

Elem	Sr4077
Units	ppm
Avg	.5335264
Stddev	.0016589
%RSD	.3109250

#1	.5337483
#2	.5350631
#3	.5317677

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1086.103	23323.29	4552.441	616.4300	1279.089
Stddev	1.451	69.14	36.509	4.0677	1.497
%RSD	.1336028	.2964631	.8019584	.6598874	.1170275

#1	1084.427	23401.17	4574.813	621.1189	1277.379
#2	1086.932	23299.59	4510.312	614.3243	1280.164
#3	1086.949	23269.11	4572.200	613.8468	1279.724

Sample Name: O1955-02 Acquired: 03/22/2023 14:45:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: DCAQ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5583001	-.028481	5.803598	.0294969	.0997669	2.031854
Stddev	.0081402	.013202	.009133	.0076035	.0080417	.018033
%RSD	1.458030	46.35371	.1573650	25.77735	8.060486	.8874916

#1	.5601886	-.021426	5.810724	.0209388	.1051349	2.011089
#2	.5653300	-.043711	5.793303	.0320779	.1036447	2.043561
#3	.5493816	-.020304	5.806768	.0354738	.0905211	2.040914

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0335419	.0031794	.0526799	F 2102.730	.0693095	.1443897
Stddev	.0003730	.0003005	.0001523	16.292	.0018311	.0019470
%RSD	1.112117	9.452312	.2891693	.7747833	2.641981	1.348434

#1	.0332399	.0035079	.0526920	2089.746	.0714223	.1427803
#2	.0339589	.0029183	.0528258	2097.432	.0683253	.1438348
#3	.0334270	.0031121	.0525219	2121.011	.0681811	.1465539

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.243185	182.0358	4.714093	F 1171.434	.1435733	-.006465
Stddev	.002253	.8003	.024449	4.544	.0020525	.000142
%RSD	.1812446	.4396603	.5186425	.3878891	1.429571	2.201019

#1	1.245464	182.7838	4.734296	1175.167	.1451849	-.006348
#2	1.243135	182.1318	4.721070	1172.759	.1412626	-.006423
#3	1.240958	181.1918	4.686914	1166.374	.1442724	-.006624

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.442066	.3380995	3.442529	.5965391	1.982044	.6603714
Stddev	.282518	.0047879	.047443	.0480442	.017098	.0153502
%RSD	19.59116	1.416127	1.378140	8.053817	.8626400	2.324481

#1	1.121657	.3334437	3.389458	.5617749	1.971553	.6745907
#2	1.655371	.3378453	3.480831	.5764803	2.001774	.6624261
#3	1.549171	.3430094	3.457299	.6513622	1.972805	.6440972

Sample Name: O1955-02 Acquired: 03/22/2023 14:45:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: DCAQ0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0359701	.9165038	2.756009	-.003073	.0153032	.0363477
Stddev	.0006902	.0318726	.043064	.002477	.0018543	.0010433
%RSD	1.918920	3.477633	1.562534	80.59827	12.11739	2.870231

#1	.0367667	.8816116	2.805731	-.004404	.0171501	.0375245
#2	.0355483	.9238124	2.731710	-.000215	.0134415	.0359823
#3	.0355953	.9440873	2.730587	-.004599	.0153180	.0355362

Elem	Sr4077
Units	ppm
Avg	.3060566
Stddev	.0015353
%RSD	.5016394

#1	.3077558
#2	.3056448
#3	.3047692

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1076.902	22918.06	4629.978	616.5651	1081.488
Stddev	1.289	103.21	43.226	1.8929	.813
%RSD	.1196899	.4503538	.9336151	.3070130	.0752020

#1	1077.580	23037.19	4581.178	618.6071	1080.892
#2	1077.710	22855.64	4645.296	616.2194	1081.157
#3	1075.415	22861.35	4663.459	614.8688	1082.414

Sample Name: PB151479BL Acquired: 03/22/2023 14:49:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS479 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000341	.0037486	-.000818	.0075902	.0036524	.0145430
Stddev	.004402	.0007161	.002335	.0009878	.0030097	.0126166
%RSD	1291.689	19.10363	285.3038	13.01449	82.40319	86.75389

#1	.003717	.0036268	-.001039	.0070896	.0002169	.0164745
#2	-.005020	.0031012	-.003035	.0087282	.0049163	.0010720
#3	.000280	.0045178	.001619	.0069530	.0058241	.0260825

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001998	-.000049	.0000000	.0351264	-.000312	.0000860
Stddev	.000915	.000089	.0000317	.0172715	.000698	.0004696
%RSD	45.76909	183.0576	73892.51	49.16963	223.6503	546.1564

#1	-.003019	-.000085	-.000027	.0530173	-.000976	.0002113
#2	-.001254	.000053	.000035	.0338125	.000416	-.000434
#3	-.001721	-.000114	-.000008	.0185493	-.000376	.000480

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008169	.0055007	-.000243	.0132598	.0000411	-.000052
Stddev	.0013748	.0039458	.000137	.0209451	.0006349	.000216
%RSD	168.2913	71.73186	56.22100	157.9593	1543.121	419.9232

#1	.0003922	.0027679	-.000106	.0287236	-.000317	-.000248
#2	-.000295	.0037099	-.000244	-.010577	.000774	-.000087
#3	.002354	.0100243	-.000379	.021632	-.000334	.000181

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3180737	.0005254	-.000251	-.031941	.0001655	F .4755918
Stddev	.2232401	.0024618	.002733	.034323	.0037761	.0068965
%RSD	70.18500	468.5740	1089.645	107.4558	2281.013	1.450096

#1	.2141834	.0024791	-.001537	.007003	.0043578	.4828819
#2	.5743256	.0013367	.002888	-.057783	-.000893	.4691713
#3	.1657123	-.002240	-.002103	-.045044	-.002969	.4747222

Sample Name: PB151479BL Acquired: 03/22/2023 14:49:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS479 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002136	-.008424	.0014670	.0014517	.0001549	.0003215
Stddev	.0003034	.006357	.0021767	.0014667	.0007912	.0008609
%RSD	142.0318	75.46524	148.3744	101.0329	510.7101	267.8090

#1	-.000113	-.015387	.0025015	.0006261	.0007716	-.000091
#2	.000267	-.002930	-.001034	.0005839	.0004303	.001311
#3	.000486	-.006955	.002934	.0031452	-.000737	-.000256

Elem	Sr4077
Units	ppm
Avg	-.000131
Stddev	.000071
%RSD	54.52528

#1	-.000069
#2	-.000209
#3	-.000115

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1212.629	24135.17	4514.372	676.3941	1690.384
Stddev	6.310	4.24	49.255	3.4941	4.197
%RSD	.5203598	.0175747	1.091069	.5165760	.2483092

#1	1217.859	24130.28	4471.425	678.0974	1693.054
#2	1214.407	24137.41	4568.137	678.7100	1692.552
#3	1205.621	24137.83	4503.555	672.3750	1685.546

Sample Name: PB151338BS Acquired: 03/22/2023 14:53:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS338 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0103740	.0542696	.0223496	.0723249	.1201876	.3965835
Stddev	.0040958	.0037500	.0013010	.0025347	.0031003	.0029246
%RSD	39.48154	6.910019	5.820999	3.504618	2.579562	.7374403

#1	.0151030	.0532934	.0232582	.0752346	.1232821	.3969705
#2	.0080606	.0584112	.0208593	.0705960	.1201992	.3934847
#3	.0079583	.0511042	.0229313	.0711441	.1170815	.3992953

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4177459	.0102347	.0101977	10.10490	.0219228	.1025707
Stddev	.0010714	.0001630	.0000630	.20871	.0016660	.0006231
%RSD	.2564601	1.592166	.6182020	2.065445	7.599205	.6075075

#1	.4189802	.0100473	.0101287	10.16245	.0205163	.1032680
#2	.4172009	.0103135	.0102123	9.87345	.0214895	.1020684
#3	.4170565	.0103433	.0102522	10.27880	.0237626	.1023758

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0567480	.2165322	.0331051	9.835521	.0824171	.0172023
Stddev	.0005220	.0036817	.0001417	.147327	.0005386	.0005108
%RSD	.9198907	1.700319	.4279972	1.497909	.6535242	2.969052

#1	.0566580	.2181248	.0329692	9.822215	.0822080	.0166488
#2	.0573092	.2123222	.0332520	9.695298	.0820143	.0173030
#3	.0562768	.2191495	.0330942	9.989050	.0830289	.0176553

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.16737	.1090571	.1157624	9.761930	.0189638	F .4035283
Stddev	.22385	.0065978	.0024790	.085178	.0044624	.0071162
%RSD	2.201625	6.049822	2.141464	.8725571	23.53109	1.763484

#1	9.97191	.1126452	.1146978	9.714815	.0144092	.4106417
#2	10.11862	.1014428	.1139935	9.710718	.0233278	.3964093
#3	10.41157	.1130831	.1185959	9.860257	.0191543	.4035340

Sample Name: PB151338BS Acquired: 03/22/2023 14:53:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS338 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0215186	.1753438	.2095397	.0142427	.2147671	.0296228
Stddev	.0001799	.0080679	.0031595	.0008028	.0031438	.0024717
%RSD	.8362053	4.601173	1.507826	5.636444	1.463803	8.344061

#1	.0214288	.1803544	.2124661	.0134595	.2147462	.0285252
#2	.0214013	.1660370	.2061898	.0142048	.2116339	.0278898
#3	.0217257	.1796400	.2099631	.0150637	.2179213	.0324532

Elem	Sr4077
Units	ppm
Avg	.2206086
Stddev	.0011346
%RSD	.5142811

#1	.2205559
#2	.2195014
#3	.2217686

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1198.696	23945.43	4507.025	669.7481	1640.986
Stddev	4.647	18.72	45.519	4.0846	6.277
%RSD	.3876627	.0781698	1.009949	.6098675	.3825182

#1	1197.958	23967.04	4498.461	673.2436	1637.778
#2	1203.668	23934.47	4556.218	670.7426	1648.219
#3	1194.462	23934.78	4466.398	665.2581	1636.962

Sample Name: O1955-08 Acquired: 03/22/2023 14:57:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDCAQ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.031027	-.027353	.1064316	.0208398	.0041376	102.9489	.9085560
Stddev	.002346	.000666	.0028488	.0041062	.0039648	.0253	.0009082
%RSD	7.561108	2.434558	2.676644	19.70359	95.82432	.0245919	.0999555

#1	-.033716	-.027792	.1088415	.0162080	.0064655	102.9617	.9075263
#2	-.029961	-.026587	.1071657	.0240336	-.000440	102.9197	.9088991
#3	-.029403	-.027680	.1032876	.0222778	.006388	102.9652	.9092427

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061428	.0119603	10.73419	.0367495	.0536177	.0601369	279.9962
Stddev	.0001062	.0001064	.04955	.0006297	.0002411	.0008516	1.3643
%RSD	1.728571	.8893607	.4616221	1.713520	.4496181	1.416150	.4872683

#1	.0062064	.0120772	10.78639	.0362683	.0535712	.0603216	281.1973
#2	.0060203	.0119346	10.68780	.0365180	.0534033	.0592080	280.2785
#3	.0062018	.0118691	10.72838	.0374622	.0538787	.0608810	278.5128

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.224911	23.84826	.0241660	-.010673	1.253942	.5617786	.4512179
Stddev	.019778	.10981	.0004225	.000446	.309198	.0009408	.0059487
%RSD	.6132735	.4604700	1.748103	4.181774	24.65808	.1674691	1.318365

#1	3.246343	23.92317	.0243648	-.010197	1.597101	.5620398	.4523357
#2	3.221025	23.89941	.0236809	-.010738	1.167711	.5625613	.4565284
#3	3.207365	23.72220	.0244525	-.011083	.997013	.5607349	.4447896

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.17657	2.832321	.4608174	-.001007	1.398803	21.98156	.0131149
Stddev	.05630	.009965	.0031365	.000346	.012365	.01604	.0013702
%RSD	.1749806	.3518319	.6806430	34.36866	.8839717	.0729523	10.44767

#1	32.24106	2.841529	.4576180	-.000958	1.398506	21.99836	.0146908
#2	32.13720	2.821741	.4638870	-.001375	1.386588	21.96642	.0122056
#3	32.15144	2.833692	.4609472	-.000688	1.411313	21.97989	.0124482

Sample Name: O1955-08 Acquired: 03/22/2023 14:57:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDCAQ8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.386669	.0411554	.1115914
Stddev	.014260	.0010090	.0000897
%RSD	.1700329	2.451641	.0803975

#1	8.402995	.0411068	.1116047
#2	8.376648	.0421878	.1116737
#3	8.380364	.0401716	.1114957

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1248.669	25031.99	4757.900	695.5026	1550.799
Stddev	3.800	124.51	33.198	1.0262	2.623
%RSD	.3043269	.4974114	.6977453	.1475498	.1691233

#1	1244.538	24929.34	4722.721	695.2287	1548.739
#2	1252.016	25170.49	4788.678	694.6411	1549.907
#3	1249.453	24996.12	4762.300	696.6379	1553.751

Sample Name: O1955-09 Acquired: 03/22/2023 15:01:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDCAQ8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.030530	-.026773	.1070068	.0141559	.0056394	101.9109	.9126664
Stddev	.008979	.001743	.0019284	.0025625	.0014421	.0541	.0026928
%RSD	29.41214	6.510147	1.802135	18.10211	25.57232	.0531248	.2950437

#1	-.029736	-.028734	.1088138	.0166991	.0059377	101.8491	.9100128
#2	-.021973	-.026184	.1049764	.0115745	.0040714	101.9337	.9125898
#3	-.039879	-.025401	.1072302	.0141940	.0069090	101.9499	.9153967

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060513	.0121690	10.84606	.0376255	.0535190	.0605431	278.5955
Stddev	.0002304	.0003405	.05006	.0009783	.0004350	.0031841	1.1851
%RSD	3.808036	2.797950	.4615326	2.600038	.8128516	5.259262	.4253978

#1	.0057881	.0124298	10.86039	.0370812	.0533703	.0612219	278.1662
#2	.0062171	.0122934	10.88740	.0370405	.0540088	.0633332	279.9354
#3	.0061486	.0117838	10.79040	.0387549	.0531777	.0570744	277.6848

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.220773	23.62305	.0244589	-.011142	1.345021	.5665427	.4473723
Stddev	.013835	.09014	.0005755	.000175	.166583	.0028224	.0052996
%RSD	.4295449	.3815823	2.352713	1.573505	12.38518	.4981871	1.184601

#1	3.219344	23.55101	.0241344	-.010941	1.443210	.5640262	.4478350
#2	3.235266	23.72413	.0241189	-.011221	1.152681	.5695944	.4524254
#3	3.207708	23.59400	.0251233	-.011264	1.439172	.5660073	.4418566

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.93525	2.894438	.4107702	-.001256	1.429739	21.97745	.0157951
Stddev	.10128	.006892	.0030670	.000473	.006602	.19987	.0024512
%RSD	.3171486	.2380969	.7466521	37.63160	.4617929	.9094145	15.51888

#1	31.88010	2.898310	.4105210	-.001211	1.435903	21.82319	.0140974
#2	32.05214	2.898523	.4139542	-.000808	1.430542	22.20324	.0146827
#3	31.87351	2.886481	.4078354	-.001750	1.422771	21.90593	.0186053

Sample Name: O1955-09 Acquired: 03/22/2023 15:01:53 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDCAQ8D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.302458	.0404950	.1134118
Stddev	.020462	.0007515	.0002449
%RSD	.2464595	1.855686	.2159321

#1	8.293981	.0400181	.1136866
#2	8.287596	.0401057	.1133322
#3	8.325796	.0413613	.1132166

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1247.400	24926.83	4756.353	699.0006	1546.916
Stddev	.929	79.69	33.415	2.9929	3.100
%RSD	.0744679	.3196859	.7025368	.4281735	.2003904

#1	1246.498	24835.50	4769.556	695.6045	1544.621
#2	1248.354	24982.22	4718.353	701.2530	1545.686
#3	1247.350	24962.77	4781.149	700.1445	1550.443

Sample Name: O1955-08LX5 Acquired: 03/22/2023 15:09:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDCAQ8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.000582	-.004467	.0218290	.0007399	.0030107	19.89795	.1771252
Stddev	.006481	.002596	.0028787	.0035943	.0022679	.05938	.0016875
%RSD	1113.134	58.12845	13.18744	485.8021	75.32786	.2984292	.9526964

#1	.003981	-.005619	.0228856	-.002671	.0054681	19.96061	.1771647
#2	-.008000	-.001494	.0185713	.000397	.0025656	19.84251	.1787925
#3	.002272	-.006288	.0240301	.004494	.0009983	19.89073	.1754183

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013857	.0023846	2.081247	.0081534	.0099920	.0302175	54.80811
Stddev	.0000825	.0001610	.029903	.0007741	.0003114	.0035240	.28146
%RSD	5.951192	6.750444	1.436780	9.494363	3.116670	11.66199	.5135442

#1	.0013947	.0022204	2.108787	.0073318	.0097837	.0327283	55.04869
#2	.0014634	.0025421	2.049440	.0082594	.0098423	.0261890	54.49858
#3	.0012992	.0023915	2.085515	.0088691	.0103500	.0317353	54.87706

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6343070	4.608630	.0049477	-.002354	.8892638	.1112309	.1049611
Stddev	.0065965	.034249	.0006768	.000204	.1231586	.0022759	.0068924
%RSD	1.039946	.7431495	13.67893	8.645782	13.84950	2.046091	6.566577

#1	.6417376	4.642963	.0042083	-.002441	.7620344	.1099890	.1114802
#2	.6291414	4.608460	.0050983	-.002121	.8978555	.1098462	.1056551
#3	.6320422	4.574466	.0055365	-.002499	1.007902	.1138576	.0977480

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.768345	.5309555	.2982925	-.000496	.2638554	4.377919	.0053603
Stddev	.031200	.0058573	.0026618	.000463	.0062670	.056924	.0020511
%RSD	.4609756	1.103156	.8923457	93.50348	2.375179	1.300247	38.26417

#1	6.777730	.5260492	.2980187	-.000600	.2699378	4.416917	.0030202
#2	6.733529	.5374403	.2957782	-.000898	.2642096	4.312598	.0068464
#3	6.793776	.5293771	.3010806	.000011	.2574188	4.404243	.0062142

Sample Name: O1955-08LX5 Acquired: 03/22/2023 15:09:54 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDCAQ8L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.640016	.0241122	.0219869
Stddev	.008790	.0006977	.0001370
%RSD	.5359861	2.893581	.6232750

#1	1.649325	.0248812	.0221439
#2	1.631858	.0239359	.0218914
#3	1.638865	.0235196	.0219254

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1204.337	23920.69	4588.588	670.3136	1615.056
Stddev	4.097	37.94	51.202	4.2803	1.965
%RSD	.3401915	.1586097	1.115849	.6385546	.1216982

#1	1199.953	23918.13	4543.558	671.1872	1612.786
#2	1204.987	23884.10	4644.282	665.6639	1616.207
#3	1208.070	23959.85	4577.924	674.0898	1616.174

Sample Name: O1955-10 Acquired: 03/22/2023 15:05:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDCAQ8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0517515	.0841872	.1430044	.2178509	.1922481	95.46165	4.840406
Stddev	.0044433	.0018076	.0011229	.0128353	.0049753	.10971	.009903
%RSD	8.585882	2.147087	.7852517	5.891770	2.587972	.1149240	.2045897

#1	.0475556	.0827080	.1442957	.2039212	.1923659	95.45180	4.829115
#2	.0564066	.0862020	.1424598	.2204322	.1872149	95.35720	4.844485
#3	.0512924	.0836515	.1422575	.2291994	.1971635	95.57595	4.847619

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1053013	.1189646	11.75481	.4773708	1.072123	.5472093	253.0975
Stddev	.0003327	.0004053	.06678	.0022760	.000851	.0032884	.4990
%RSD	.3159120	.3407221	.5680759	.4767675	.0793718	.6009376	.1971457

#1	.1056593	.1191843	11.81735	.4756033	1.071168	.5507529	252.8506
#2	.1052429	.1184968	11.68448	.4765702	1.072799	.5442561	252.7700
#3	.1050018	.1192126	11.76259	.4799388	1.072403	.5466189	253.6717

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.985559	21.73733	1.054408	.1333460	1.144467	1.508124	1.373830
Stddev	.006909	.14454	.004100	.0002744	.263068	.004019	.019637
%RSD	.1733591	.6649517	.3888787	.2057693	22.98610	.2665194	1.429386

#1	3.991622	21.77067	1.056383	.1330965	.848511	1.506997	1.351478
#2	3.978036	21.57903	1.049693	.1333017	1.351713	1.512587	1.388311
#3	3.987018	21.86229	1.057146	.1336398	1.233175	1.504788	1.381701

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.14629	2.915122	.3796757	-.001261	1.521765	20.93642	.0159027
Stddev	.05285	.020595	.0048440	.000451	.009757	.02601	.0014267
%RSD	.1813370	.7064851	1.275821	35.78296	.6411368	.1242290	8.971189

#1	29.16411	2.915848	.3852357	-.001693	1.519538	20.91954	.0143821
#2	29.18792	2.894174	.3763674	-.001298	1.513314	20.92336	.0161141
#3	29.08683	2.935345	.3774241	-.000793	1.532442	20.96637	.0172118

Sample Name: O1955-10 Acquired: 03/22/2023 15:05:57 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDCAQ8S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.610043	.0370245	.1163010
Stddev	.001216	.0004049	.0002395
%RSD	.0159803	1.093699	.2059566

#1	7.608648	.0366327	.1164782
#2	7.610876	.0369994	.1160285
#3	7.610605	.0374414	.1163963

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1240.771	24991.29	4724.898	699.7029	1548.901
Stddev	3.069	110.56	15.172	5.6208	3.062
%RSD	.2473097	.4423987	.3211076	.8033102	.1976901

#1	1237.264	24947.16	4713.388	701.2153	1545.378
#2	1242.966	24909.60	4719.214	693.4807	1550.404
#3	1242.081	25117.10	4742.091	704.4127	1550.921

Sample Name: PB151562BL Acquired: 03/22/2023 15:13:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS562 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012759	.0020104	-.000118	.0024447	.0035145	-.001176
Stddev	.0040174	.0062209	.001291	.0021715	.0035922	.007065
%RSD	314.8742	309.4362	1098.508	88.82526	102.2112	600.9171

#1	.0050804	-.002474	-.001515	.0008635	.0004141	-.009294
#2	.0016724	-.000607	.000132	.0049206	.0026783	.002191
#3	-.002925	.009112	.001031	.0015500	.0074510	.003576

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001784	-.000058	-.000033	.0013443	-.000926	.0000097
Stddev	.000655	.000101	.000023	.0108215	.000404	.0002147
%RSD	36.72639	173.3300	71.15876	804.9808	43.63277	2217.300

#1	-.001864	-.000076	-.000032	-.008935	-.000761	-.000186
#2	-.001093	.000051	-.000057	.012637	-.000630	.000240
#3	-.002396	-.000149	-.000010	.000332	-.001386	-.000025

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000513	-.003403	.0001136	.0023098	-.000231	-.000352
Stddev	.000429	.001756	.0002831	.0356646	.000280	.000187
%RSD	83.73108	51.60996	249.3340	1544.044	121.0382	53.12403

#1	-.000868	-.005403	-.000159	-.028350	.000029	-.000547
#2	-.000634	-.002112	.000406	.041450	-.000526	-.000174
#3	-.000036	-.002694	.000094	-.006170	-.000196	-.000335

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2182502	.0039258	.0002737	-.042125	.0005039	F .1940055
Stddev	.1595079	.0016443	.0007132	.052836	.0026483	.0022188
%RSD	73.08491	41.88541	260.6316	125.4265	525.5976	1.143674

#1	.0343860	.0022221	.0010826	-.093136	-.002058	.1939818
#2	.3007872	.0055035	.0000028	.012364	.003231	.1962360
#3	.3195773	.0040519	-.000264	-.045603	.000339	.1917986

Sample Name: PB151562BL Acquired: 03/22/2023 15:13:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS562 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000191	-.003209	.0016734	-.000928	.0008929	.0008135
Stddev	.000839	.005541	.0017900	.003331	.0006292	.0008809
%RSD	438.0287	172.6502	106.9700	359.0257	70.46747	108.2806
#1	.000745	-.009239	-.000192	-.003949	.0005841	.0004819
#2	-.000446	-.002046	.001834	-.001477	.0004777	.0001465
#3	-.000873	.001657	.003377	.002644	.0016168	.0018120

Elem	Sr4077
Units	ppm
Avg	-.000064
Stddev	.000055
%RSD	86.41574
#1	-.000123
#2	-.000056
#3	-.000013

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1215.426	24135.10	4563.802	675.4367	1691.349
Stddev	3.768	103.08	36.203	1.3246	2.474
%RSD	.3100182	.4270806	.7932746	.1961126	.1462723
#1	1218.783	24169.19	4600.510	675.9973	1688.515
#2	1216.146	24019.30	4528.125	673.9240	1692.457
#3	1211.351	24216.81	4562.771	676.3889	1693.076

Sample Name: O1918-01 Acquired: 03/22/2023 15:22:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: YBLB9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0355603	-.023657	.0350183	.0191641	.0195765	47.10634
Stddev	.0074957	.001224	.0018588	.0039093	.0067863	.10230
%RSD	21.07901	5.172319	5.308007	20.39912	34.66555	.2171773

#1	.0350275	-.025069	.0363294	.0148326	.0182273	47.17571
#2	.0283452	-.022989	.0358345	.0202293	.0269361	46.98885
#3	.0433082	-.022913	.0328911	.0224304	.0135662	47.15447

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5725520	.0078972	.0179542	122.4636	.8877454	.4559462
Stddev	.0011580	.0002021	.0000994	1.4825	.0057496	.0010148
%RSD	.2022513	2.559599	.5535434	1.210523	.6476632	.2225666

#1	.5738844	.0079577	.0178896	123.6126	.8942230	.4547745
#2	.5719833	.0076717	.0180687	120.7902	.8857671	.4565256
#3	.5717883	.0080621	.0179045	122.9880	.8832462	.4565386

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4021447	368.0005	7.998141	75.37546	F 5.012513	-.013674
Stddev	.0020389	3.9950	.106297	.90323	.006110	.000430
%RSD	.5070024	1.085602	1.329017	1.198313	.1219045	3.141398

#1	.4040278	371.5272	8.088863	76.20521	5.018770	-.014121
#2	.3999794	363.6619	7.881183	74.41335	5.006561	-.013264
#3	.4024269	368.8124	8.024377	75.50783	5.012208	-.013638

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.862095	.4295863	.6228178	4.404840	4.213773	.3324809
Stddev	.195833	.0028538	.0049941	.044909	.010955	.0109538
%RSD	10.51680	.6643188	.8018505	1.019529	.2599740	3.294575

#1	1.770518	.4266642	.6185738	4.445499	4.206139	.3451280
#2	2.086938	.4323666	.6215586	4.356637	4.208855	.3259983
#3	1.728828	.4297281	.6283209	4.412384	4.226325	.3263164

Sample Name: O1918-01 Acquired: 03/22/2023 15:22:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: YBLB9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020050	11.59186	6.482717	.0184533	1.181662	.0477990
Stddev	.0003997	.04619	.071792	.0026909	.009023	.0009413
%RSD	19.93769	.3984714	1.107439	14.58195	.7635871	1.969236

#1	.0016268	11.57526	6.486164	.0166449	1.178989	.0488777
#2	.0019648	11.64406	6.409264	.0215457	1.174277	.0471441
#3	.0024233	11.55626	6.552724	.0171694	1.191719	.0473754

Elem	Sr4077
Units	ppm
Avg	.5104718
Stddev	.0015975
%RSD	.3129397

#1	.5121628
#2	.5089881
#3	.5102645

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1285.879	26054.60	5019.700	717.4511	1494.757
Stddev	2.488	80.08	52.423	.8094	1.329
%RSD	.1934875	.3073693	1.044338	.1128225	.0888987

#1	1283.405	25975.13	4987.054	716.8586	1494.874
#2	1285.852	26053.39	5080.169	717.1214	1496.024
#3	1288.380	26135.28	4991.878	718.3734	1493.374

Sample Name: PB151529BS Acquired: 03/22/2023 15:18:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS529 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0081986	.0504933	.0216074	.0640618	.1200676	.3918140
Stddev	.0091772	.0042386	.0005189	.0019620	.0036452	.0161481
%RSD	111.9363	8.394423	2.401426	3.062582	3.035941	4.121379

#1	.0017016	.0504259	.0210155	.0652202	.1185773	.4062242
#2	.0041971	.0547653	.0218232	.0651688	.1242218	.3948568
#3	.0186971	.0462888	.0219836	.0617966	.1174037	.3743609

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4201086	.0101012	.0101314	10.13990	.0217240	.1026004
Stddev	.0023697	.0001664	.0000972	.02409	.0003696	.0003542
%RSD	.5640649	1.647508	.9593142	.2375334	1.701379	.3452434

#1	.4175693	.0101553	.0102432	10.12073	.0214994	.1022405
#2	.4204956	.0102338	.0100668	10.16694	.0215220	.1029486
#3	.4222611	.0099145	.0100842	10.13204	.0221506	.1026120

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0532317	.2169467	.0334126	9.884427	.0823117	.0174040
Stddev	.0029391	.0021027	.0006818	.061260	.0006676	.0001708
%RSD	5.521278	.9692052	2.040673	.6197597	.8110944	.9814921

#1	.0534269	.2149536	.0340628	9.820489	.0819636	.0172275
#2	.0560683	.2191440	.0327030	9.942601	.0818899	.0175685
#3	.0501999	.2167425	.0334720	9.890191	.0830814	.0174159

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.11666	.1096179	.1179220	9.754175	.0205017	F .1886506
Stddev	.28950	.0030660	.0102045	.108828	.0040431	.0018485
%RSD	2.861588	2.797015	8.653568	1.115710	19.72090	.9798583

#1	10.13454	.1104810	.1108904	9.710254	.0209217	.1903967
#2	9.81864	.1062129	.1132495	9.674170	.0162650	.1888409
#3	10.39681	.1121599	.1296261	9.878100	.0243184	.1867144

Sample Name: PB151529BS Acquired: 03/22/2023 15:18:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS529 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0220077	.1825788	.2088153	.0144692	.2181125	.0311301
Stddev	.0001928	.0044517	.0019260	.0006837	.0009900	.0019514
%RSD	.8758292	2.438214	.9223465	4.725099	.4539056	6.268587
#1	.0218347	.1870474	.2098618	.0137650	.2169738	.0332007
#2	.0219729	.1781443	.2099915	.0151303	.2187693	.0293251
#3	.0222155	.1825448	.2065926	.0145121	.2185944	.0308645

Elem	Sr4077
Units	ppm
Avg	.2210608
Stddev	.0002440
%RSD	.1103664
#1	.2209276
#2	.2209125
#3	.2213424

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1192.831	23789.65	4537.972	665.9839	1638.114
Stddev	.880	181.00	19.588	5.2836	.808
%RSD	.0737399	.7608301	.4316453	.7933525	.0493268
#1	1192.986	23997.45	4533.803	671.4531	1638.684
#2	1191.884	23705.10	4520.804	665.5907	1638.469
#3	1193.622	23666.40	4559.309	660.9079	1637.190

Sample Name: O1918-02 Acquired: 03/22/2023 15:26:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: YBLB9D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0395396	-.026966	.0323207	.0222912	.0198298	47.49958
Stddev	.0074260	.004555	.0043684	.0092616	.0040882	.05089
%RSD	18.78122	16.89298	13.51579	41.54818	20.61622	.1071427

#1	.0458938	-.029658	.0368254	.0221355	.0197664	47.50150
#2	.0313761	-.029534	.0281027	.0131085	.0157738	47.44776
#3	.0413489	-.021706	.0320340	.0316297	.0239493	47.54949

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5750630	.0078620	.0181615	124.7118	.8869474	.4555049
Stddev	.0015099	.0001904	.0002384	.3551	.0028628	.0005640
%RSD	.2625631	2.422122	1.312690	.2847293	.3227673	.1238165

#1	.5733607	.0076466	.0184318	125.0706	.8883020	.4548793
#2	.5755881	.0080080	.0180715	124.3606	.8888816	.4556609
#3	.5762403	.0079314	.0179812	124.7041	.8836588	.4559744

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3977152	372.9551	8.101456	76.65931	F 5.029437	-.012912
Stddev	.0007496	1.2512	.028283	.34097	.003051	.000156
%RSD	.1884823	.3354735	.3491067	.4447915	.0606629	1.210350

#1	.3972938	374.0617	8.115992	76.86928	5.030138	-.012836
#2	.3985807	371.5974	8.068861	76.26588	5.032077	-.012809
#3	.3972711	373.2060	8.119515	76.84275	5.026097	-.013092

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.978515	.4360080	.6279143	4.407368	4.249110	.3117122
Stddev	.156313	.0038940	.0114832	.087939	.025930	.0026476
%RSD	7.900500	.8930965	1.828779	1.995268	.6102383	.8493606

#1	1.887254	.4315342	.6185582	4.305868	4.278707	.3147634
#2	1.889285	.4378548	.6244553	4.460690	4.238233	.3103524
#3	2.159006	.4386349	.6407293	4.455545	4.230390	.3100209

Sample Name: O1918-02 Acquired: 03/22/2023 15:26:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: YBLB9D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014838	11.70152	6.500846	.0127657	1.191672	.0487745
Stddev	.0007257	.07403	.036297	.0036691	.006863	.0016344
%RSD	48.91032	.6326952	.5583414	28.74213	.5759294	3.351019

#1	.0006512	11.76836	6.522596	.0100813	1.184660	.0490696
#2	.0018179	11.71426	6.458944	.0169466	1.191979	.0502413
#3	.0019823	11.62194	6.520998	.0112693	1.198376	.0470126

Elem	Sr4077
Units	ppm
Avg	.5138281
Stddev	.0004787
%RSD	.0931606

#1	.5134514
#2	.5136663
#3	.5143668

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1280.378	25865.35	4970.500	717.7249	1484.359
Stddev	3.511	43.18	31.461	6.9263	1.492
%RSD	.2742218	.1669594	.6329600	.9650391	.1005330

#1	1283.955	25829.69	4966.367	723.5689	1485.835
#2	1276.937	25913.36	5003.824	719.5315	1482.851
#3	1280.241	25852.98	4941.310	710.0743	1484.391

Sample Name: O1918-03 Acquired: 03/22/2023 15:30:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: YBLB9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1199461	.0859430	.0776013	.2283653	.2144481	51.47875
Stddev	.0080054	.0033047	.0013451	.0125808	.0026128	.06320
%RSD	6.674181	3.845266	1.733296	5.509090	1.218398	.1227641

#1	.1275871	.0874006	.0762867	.2427208	.2138588	51.53466
#2	.1116203	.0821601	.0789749	.2231161	.2173053	51.41018
#3	.1206310	.0882683	.0775422	.2192592	.2121803	51.49140

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.282743	.1033736	.1282989	113.6226	1.318738	1.492729
Stddev	.009876	.0003644	.0002019	.0862	.002726	.006049
%RSD	.2306080	.3524815	.1573682	.0759049	.2067118	.4052418

#1	4.271517	.1029528	.1284406	113.6027	1.316252	1.499713
#2	4.286615	.1035848	.1283882	113.7171	1.318310	1.489248
#3	4.290097	.1035831	.1280677	113.5481	1.321653	1.489224

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8783508	375.4007	9.001415	72.13800	F 6.344867	.1244617
Stddev	.0013905	.2780	.015151	.15827	.013458	.0010609
%RSD	.1583076	.0740530	.1683126	.2194024	.2121119	.8523653

#1	.8795787	375.7015	9.017166	72.28629	6.359785	.1239450
#2	.8786328	375.3474	9.000133	72.15636	6.341178	.1256820
#3	.8768410	375.1532	8.986946	71.97135	6.333638	.1237582

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.757785	1.375962	1.524839	4.507916	4.357971	.3085421
Stddev	.069340	.000174	.021928	.076559	.007632	.0020967
%RSD	3.944751	.0126467	1.438085	1.698318	.1751224	.6795451

#1	1.723843	1.375802	1.549735	4.477622	4.366677	.3107374
#2	1.711954	1.376147	1.508393	4.594987	4.352438	.3065604
#3	1.837557	1.375936	1.516389	4.451141	4.354797	.3083286

Sample Name: O1918-03 Acquired: 03/22/2023 15:30:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: YBLB9S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017522	11.94344	9.971470	.0106112	1.130455	.0484358
Stddev	.0003069	.02952	.079890	.0014481	.010423	.0013644
%RSD	17.51322	.2471691	.8011876	13.64695	.9220235	2.817001

#1	.0019856	11.97135	9.897996	.0108908	1.133790	.0474429
#2	.0018664	11.94643	9.959899	.0118992	1.138802	.0478728
#3	.0014046	11.91254	10.05652	.0090437	1.118773	.0499916

Elem	Sr4077
Units	ppm
Avg	.4927004
Stddev	.0007447
%RSD	.1511423

#1	.4930978
#2	.4918413
#3	.4931621

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1282.495	25991.72	5021.368	715.0254	1488.019
Stddev	.836	26.11	7.333	4.1165	4.339
%RSD	.0652037	.1004695	.1460315	.5757135	.2916174

#1	1282.078	25995.11	5029.350	710.9532	1483.113
#2	1283.458	25964.07	5019.826	714.9383	1491.356
#3	1281.949	26015.97	5014.930	719.1848	1489.587

Sample Name: O1918-01LX5 Acquired: 03/22/2023 15:34:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: YBLB9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0140313	-.005568	.0055099	.0047564	.0059667	9.532297	.1164921
Stddev	.0077836	.003200	.0021952	.0095117	.0017022	.017403	.0001240
%RSD	55.47307	57.46228	39.84180	199.9787	28.52763	.1825701	.1064617

#1	.0141491	-.007925	.0036344	.0114699	.0040048	9.533671	.1163657
#2	.0217552	-.001926	.0049708	.0089275	.0068448	9.548973	.1164969
#3	.0061894	-.006853	.0079244	-.006128	.0070505	9.514248	.1166136

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018055	.0032045	25.48492	.1886472	.0834247	.0911305	77.79040
Stddev	.0002213	.0001046	.15408	.0039691	.0008746	.0003591	.21994
%RSD	12.25678	3.264535	.6045835	2.104004	1.048403	.3940187	.2827329

#1	.0015532	.0032527	25.32230	.1848060	.0828499	.0915305	77.54841
#2	.0018970	.0030844	25.62873	.1884025	.0829929	.0908361	77.97812
#3	.0019664	.0032763	25.50374	.1927329	.0844312	.0910249	77.84467

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.669660	15.40300	.9497119	-.003077	.5945364	.0928037	.1358860
Stddev	.006412	.08201	.0009983	.000326	.2827583	.0030611	.0046646
%RSD	.3840123	.5324495	.1051178	10.57968	47.55947	3.298500	3.432727

#1	1.662515	15.31883	.9507769	-.002701	.8501570	.0937565	.1394112
#2	1.674913	15.48267	.9495614	-.003278	.6426403	.0952751	.1305966
#3	1.671551	15.40750	.9487974	-.003252	.2908117	.0893795	.1376502

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.502258	.7598219	.1848657	.0000597	2.050440	1.322213	.0052861
Stddev	.012808	.0092081	.0027899	.0005313	.004190	.007890	.0026079
%RSD	.8525818	1.211881	1.509166	890.7956	.2043686	.5967220	49.33563

#1	1.512014	.7545816	.1819482	.0005053	2.055271	1.313205	.0031103
#2	1.507006	.7544298	.1875077	.0002020	2.047794	1.325531	.0081769
#3	1.487754	.7704541	.1851412	-.000528	2.048254	1.327901	.0045710

Sample Name: O1918-01LX5 Acquired: 03/22/2023 15:34:14 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: YBLB9L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2448923	.0212243	.1058628
Stddev	.0019697	.0008012	.0002234
%RSD	.8043277	3.774933	.2110692

#1	.2430492	.0221493	.1057089
#2	.2469680	.0207775	.1057604
#3	.2446598	.0207462	.1061191

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1205.569	24076.47	4607.564	674.8604	1580.407
Stddev	2.667	106.27	20.832	5.2806	3.423
%RSD	.2212494	.4413748	.4521183	.7824705	.2165741

#1	1203.638	23967.18	4624.374	669.8548	1578.363
#2	1208.612	24082.79	4584.259	680.3786	1584.358
#3	1204.455	24179.44	4614.059	674.3479	1578.499

Sample Name: PB151338BL Acquired: 03/22/2023 15:38:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS338 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007853	.0007219	-.001159	.0015233	-.000513	-.006610
Stddev	.0019722	.0007275	.002503	.0044532	.003205	.005641
%RSD	251.1524	100.7829	215.9450	292.3433	624.5387	85.33944

#1	-.000062	.0008545	-.002283	.0055637	-.003218	-.000267
#2	.003040	-.000063	.001709	-.003251	.003026	-.011064
#3	-.000622	.001374	-.002903	.002257	-.001348	-.008499

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002306	.0000411	-.000052	-.013628	.0002807	.0001333
Stddev	.000702	.0000116	.000105	.005821	.0010499	.0004820
%RSD	30.42879	28.32591	199.5084	42.71686	374.0859	361.4471

#1	-.002784	.0000502	-.000115	-.007070	-.000360	.0006237
#2	-.002634	.0000450	.000068	-.018184	-.000290	-.000340
#3	-.001501	.0000280	-.000111	-.015630	.001492	.000116

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025001	.0040716	.0000622	-.024577	-.000183	-.000366
Stddev	.0013108	.0089302	.0003733	.026178	.000341	.000358
%RSD	52.42888	219.3300	600.6647	106.5116	186.0098	97.79031

#1	.0014426	-.006075	.0001908	-.038518	.000121	-.000768
#2	.0020911	.010735	-.000358	.005620	-.000552	-.000246
#3	.0039666	.007555	.000354	-.040835	-.000120	-.000083

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2470656	.0042719	.0005643	.0136129	.0008655	F .1031651
Stddev	.1736303	.0043392	.0008694	.0606244	.0044443	.0008203
%RSD	70.27701	101.5750	154.0623	445.3439	513.4681	.7951159

#1	.2710210	.0015652	.0008081	.0831679	.0038126	.1041035
#2	.4074745	.0019737	.0012857	-.028013	.0030304	.1025845
#3	.0627015	.0092767	-.000401	-.014316	-.004246	.1028073

Sample Name: PB151338BL Acquired: 03/22/2023 15:38:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS338 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000288	-.008147	.0025383	-.000566	.0012680	.0003712
Stddev	.000240	.011342	.0008832	.002423	.0004372	.0004487
%RSD	83.32255	139.2156	34.79685	427.9406	34.47631	120.8910
#1	-.000445	-.015980	.0021395	.001402	.0014761	-.000136
#2	-.000407	-.013321	.0019247	-.003272	.0015622	.000532
#3	-.000012	.004859	.0035506	.000171	.0007657	.000717

Elem	Sr4077
Units	ppm
Avg	-.000110
Stddev	.000038
%RSD	34.89241
#1	-.000123
#2	-.000067
#3	-.000140

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1210.706	24053.35	4561.074	672.7676	1686.557
Stddev	2.705	31.05	50.709	2.6555	1.680
%RSD	.2234250	.1290706	1.111768	.3947062	.0996017
#1	1213.169	24018.96	4503.040	671.2172	1688.246
#2	1211.139	24061.79	4596.827	671.2519	1684.886
#3	1207.811	24079.31	4583.357	675.8338	1686.541

Sample Name: PB151479BS Acquired: 03/22/2023 15:42:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS479 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0195407	.0580255	.0183858	.0664103	.1280072	.4109459
Stddev	.0007941	.0052078	.0008551	.0044385	.0024890	.0038211
%RSD	4.064070	8.974986	4.650832	6.683512	1.944418	.9298234

#1	.0187522	.0630924	.0175027	.0708352	.1302361	.4142212
#2	.0203404	.0526874	.0184449	.0619582	.1284641	.4118686
#3	.0195295	.0582967	.0192099	.0664374	.1253214	.4067480

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4357069	.0106154	.0105465	10.42778	.0230514	.1066813
Stddev	.0012664	.0001323	.0001640	.01574	.0013152	.0002955
%RSD	.2906555	1.246040	1.555427	.1509742	5.705448	.2769863

#1	.4370650	.0104971	.0103915	10.40960	.0236383	.1066085
#2	.4354974	.0105909	.0107183	10.43665	.0239710	.1064290
#3	.4345583	.0107583	.0105298	10.43709	.0215450	.1070064

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0545337	.2303358	.0347700	10.20364	.0853090	.0180322
Stddev	.0009443	.0108581	.0007475	.05956	.0005001	.0008966
%RSD	1.731604	4.714046	2.149882	.5837500	.5862498	4.972432

#1	.0547194	.2355286	.0344504	10.23620	.0850414	.0180888
#2	.0553713	.2178563	.0356241	10.23984	.0849996	.0171086
#3	.0535103	.2376225	.0342353	10.13490	.0858860	.0188992

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.35164	.1152644	.1256978	10.08856	.0165449	F .1134944
Stddev	.27066	.0021557	.0037978	.05271	.0045014	.0010965
%RSD	2.614634	1.870232	3.021384	.5224448	27.20717	.9660914

#1	10.62513	.1151289	.1263733	10.07230	.0141633	.1140137
#2	10.34587	.1174846	.1216076	10.04589	.0217368	.1122348
#3	10.08391	.1131796	.1291126	10.14748	.0137346	.1142347

Sample Name: PB151479BS Acquired: 03/22/2023 15:42:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS479 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0224849	.1920968	.2129348	.0169221	.2239565	.0305553
Stddev	.0004165	.0031605	.0005536	.0014439	.0026989	.0004735
%RSD	1.852139	1.645238	.2599910	8.532678	1.205087	1.549554

#1	.0223253	.1919171	.2125056	.0154460	.2256693	.0306832
#2	.0221719	.1890300	.2135597	.0169888	.2208454	.0300311
#3	.0229576	.1953432	.2127391	.0183315	.2253549	.0309517

Elem	Sr4077
Units	ppm
Avg	.2291272
Stddev	.0003058
%RSD	.1334437

#1	.2292428
#2	.2287805
#3	.2293583

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1190.495	23757.22	4565.557	669.0877	1631.122
Stddev	2.189	171.11	25.936	2.9100	2.459
%RSD	.1838799	.7202365	.5680712	.4349144	.1507667

#1	1192.692	23886.25	4583.535	670.6452	1630.736
#2	1190.480	23822.27	4577.310	670.8874	1633.752
#3	1188.314	23563.12	4535.825	665.7305	1628.879

Sample Name: CCV074 Acquired: 03/22/2023 15:59:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV074 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.887790	4.834609	24.47128	4.958311	4.972246	399.0814	10.14900
Stddev	.026961	.027777	.06602	.027467	.011907	2.1628	.01183
%RSD	.5515898	.5745399	.2697728	.5539643	.2394781	.5419433	.1166103

#1	4.857849	4.844254	24.42589	4.937531	4.972892	396.9383	10.15031
#2	4.895375	4.803295	24.44095	4.947949	4.983817	401.2634	10.16013
#3	4.910145	4.856276	24.54701	4.989452	4.960029	399.0424	10.13657

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4860994	2.460081	384.3665	15.15828	2.488069	14.93042	407.0040
Stddev	.0046425	.005803	4.5199	.06343	.009470	.02964	2.9569
%RSD	.9550537	.2358849	1.175925	.4184788	.3806078	.1985144	.7265078

#1	.4818191	2.456729	380.4118	15.22701	2.481723	14.90606	403.9858
#2	.4910346	2.456732	389.2933	15.14583	2.483531	14.96342	409.8955
#3	.4854447	2.466781	383.3945	15.10199	2.498954	14.92179	407.1308

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.61858	389.1906	2.464155	1.371836	397.1021	2.465970	14.85299
Stddev	.15924	3.6644	.006459	.009408	3.1517	.022074	.01233
%RSD	1.089284	.9415479	.2621187	.6858074	.7936692	.8951306	.0830330

#1	14.46215	385.6341	2.465492	1.361333	394.2783	2.443005	14.85527
#2	14.78048	392.9542	2.457132	1.374687	400.5021	2.487029	14.83968
#3	14.61310	388.9837	2.469841	1.379490	396.5260	2.467875	14.86403

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.5056	5.099785	4.982155	4.843865	5.092584	4.772239	4.988525
Stddev	.7844	.018675	.041260	.010589	.008628	.041246	.004364
%RSD	.5177317	.3661825	.8281555	.2186096	.1694185	.8642933	.0874885

#1	150.7496	5.115025	4.940704	4.831749	5.101176	4.746990	4.993557
#2	152.3156	5.078953	5.023221	4.848501	5.083920	4.819837	4.985780
#3	151.4517	5.105376	4.982540	4.851346	5.092657	4.749891	4.986236

Sample Name: CCV074 Acquired: 03/22/2023 15:59:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV074 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.935985	5.013002	5.003335
Stddev	.029830	.058059	.048431
%RSD	.6043454	1.158176	.9679658

#1	4.905256	4.956012	4.986701
#2	4.964827	5.072075	5.057891
#3	4.937870	5.010921	4.965413

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	987.0980	21109.11	4207.056	550.1067	1219.499
Stddev	1.2136	69.50	31.573	2.3173	1.233
%RSD	.1229438	.3292645	.7504841	.4212509	.1011176

#1	988.3561	21182.31	4231.334	549.8688	1219.510
#2	987.0035	21100.99	4171.363	547.9175	1220.727
#3	985.9345	21044.01	4218.470	552.5338	1218.260

Sample Name: CCB074 Acquired: 03/22/2023 16:03:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB074 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009285	-.000156	-.000545	-.001754	.0008898	.0064654
Stddev	.0046392	.003669	.001156	.006909	.0026392	.0029741
%RSD	499.6591	2346.240	212.1062	393.9535	296.6129	46.00026

#1	-.003517	-.001520	-.000076	-.000821	-.001069	.0031145
#2	.000562	-.002948	-.001862	.004642	.003891	.0074896
#3	.005740	.003999	.000303	-.009082	-.000153	.0087920

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001125	.0000501	.0001276	-.003156	.0010084	-.000352
Stddev	.000702	.0000302	.0000703	.011301	.0005838	.000198
%RSD	62.37754	60.25498	55.04186	358.0318	57.88822	56.09412

#1	-.001565	.0000842	.0001364	.008902	.0005796	-.000331
#2	-.000316	.0000396	.0000534	-.013504	.0007725	-.000166
#3	-.001495	.0000266	.0001931	-.004867	.0016733	-.000560

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008522	.0167788	.0004489	.0017177	.0000665	.0003882
Stddev	.0028620	.0067651	.0000877	.0183402	.0002944	.0002128
%RSD	335.8288	40.31935	19.53565	1067.724	442.4489	54.80980

#1	-.002272	.0136838	.0004208	.0113510	.0001775	.0001874
#2	.003347	.0121149	.0003787	-.019432	.0002893	.0006113
#3	.001482	.0245378	.0005472	.013234	-.000267	.0003661

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0349647	.0003845	.0010177	.0220411	-.001098	F .0617299
Stddev	.1602413	.0016173	.0011614	.0478866	.004138	.0026342
%RSD	458.2942	420.6089	114.1159	217.2601	376.8040	4.267358

#1	.1641935	-.001155	.0023588	.0772738	-.004094	.0645877
#2	.0850335	.000239	.0003475	-.007843	.003623	.0612029
#3	-.144333	.002070	.0003469	-.003308	-.002824	.0593989

Sample Name: CCB074 Acquired: 03/22/2023 16:03:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v277) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB074 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011909	-.008008	.0038217	.0009944	.0000202	-.000511
Stddev	.0005739	.008477	.0016943	.0008320	.0007932	.001756
%RSD	48.19506	105.8589	44.33422	83.66992	3928.918	344.0526
#1	.0010938	.000224	.0040548	.0019511	.0009351	.001183
#2	.0018071	-.016711	.0053875	.0005925	-.000475	-.000390
#3	.0006716	-.007537	.0020229	.0004396	-.000400	-.002324

Elem	Sr4077
Units	ppm
Avg	-.000108
Stddev	.000159
%RSD	146.6228
#1	.000073
#2	-.000222
#3	-.000175

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1209.140	24099.91	4560.052	679.6717	1687.753
Stddev	3.042	77.36	19.248	1.5956	3.197
%RSD	.2515721	.3209901	.4220931	.2347538	.1894519
#1	1212.602	24105.76	4537.909	678.2727	1691.077
#2	1206.896	24019.80	4569.463	681.4094	1684.699
#3	1207.922	24174.18	4572.783	679.3331	1687.483