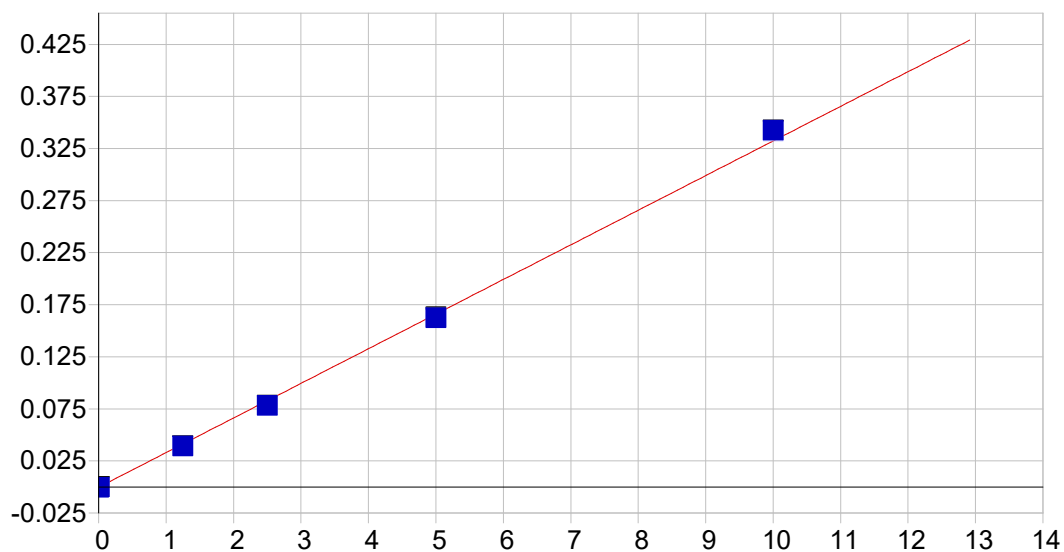


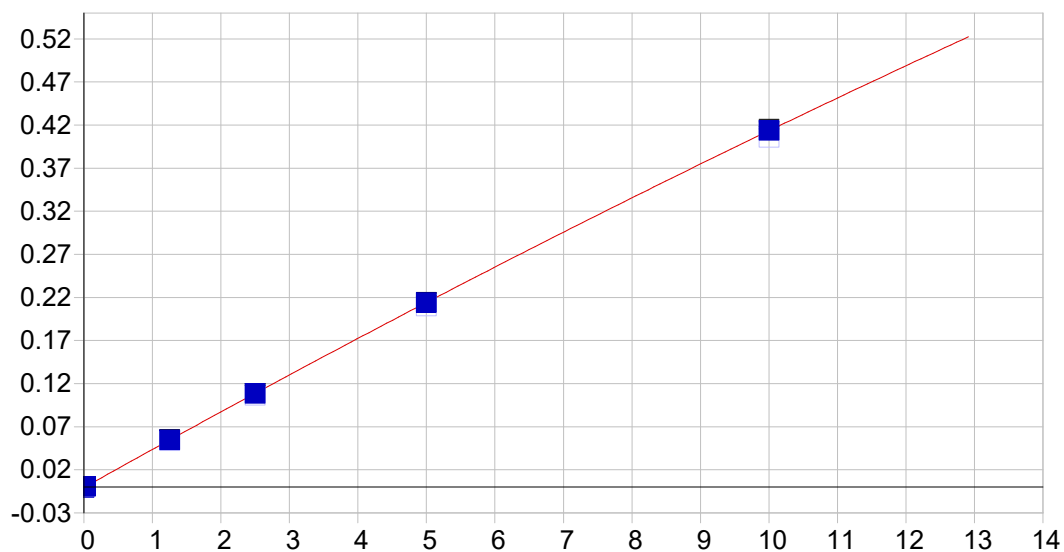


As 189.042 {479}

Date of Fit: 05/18/2020 15:08:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000301 Re-Slope: 1.000000
 A1 (Gain): 0.033255 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999399 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.006129
 Predicted MQL: 0.020429

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00030	.000	1
S1	.01000	.00917	-.001	-8.29	.00000	.000	1
S2	1.2500	1.1887	-.061	-4.91	.03913	.000	1
S3	2.5000	2.3609	-.139	-5.56	.07801	.000	1
S4	5.0000	4.8943	-.106	-2.11	.16206	.001	1
S5	10.000	10.307	.307	3.07	.34167	.000	1

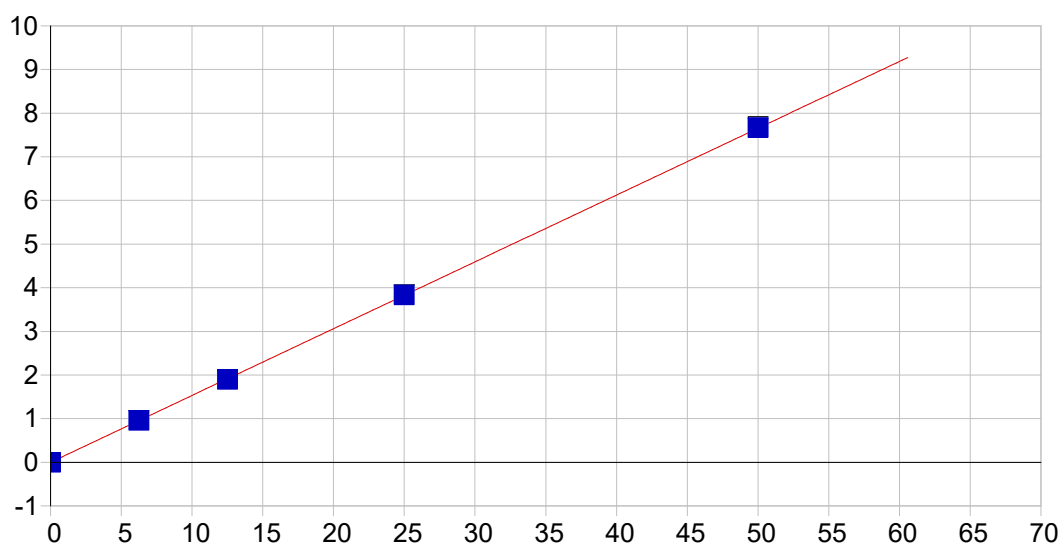


TI 190.856 {477}

Date of Fit: 05/18/2020 15:08:13 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000530 Re-Slope: 1.000000
 A1 (Gain): 0.044482 Y-int: 0.000000
 A2 (Curvature): -0.000309
 n (Exponent): 1.000000
 Correlation: 0.999936 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.003462
 Predicted MQL: 0.011541

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00053	.000	1
S1	.02500	.03219	.007	28.8	.00086	.000	1
S2	1.2500	1.2504	.000	.036	.05358	.000	1
S3	2.5000	2.4930	-.007	-.279	.10640	.000	1
S4	5.0000	4.9950	-.005	-.100	.20986	.000	1
S5	10.000	10.005	.005	.046	.40540	.001	1

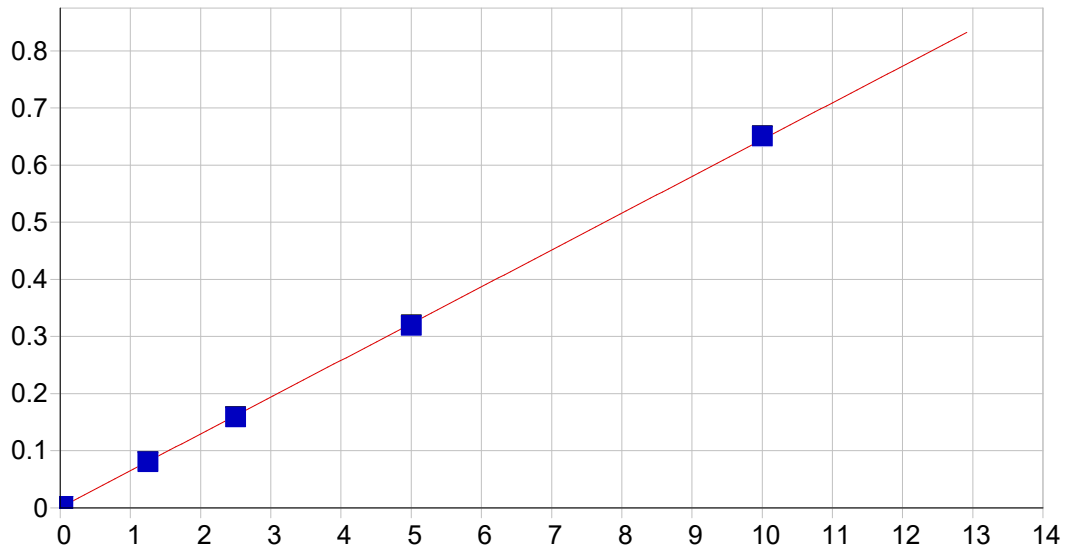


Pb 220.353 {453}

Date of Fit: 05/18/2020 15:08:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000428 Re-Slope: 1.000000
 A1 (Gain): 0.153102 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999992 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.002290
 Predicted MQL: 0.007634

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00043	.000	1
S1	.01000	.01133	.001	13.3	.00131	.000	1
S2	6.2500	6.2376	-.012	-.198	.95487	.001	1
S3	12.500	12.386	-.114	-.913	1.8965	.001	1
S4	25.000	25.052	.052	.207	3.8363	.006	1
S5	50.000	50.073	.073	.147	7.6684	.019	1

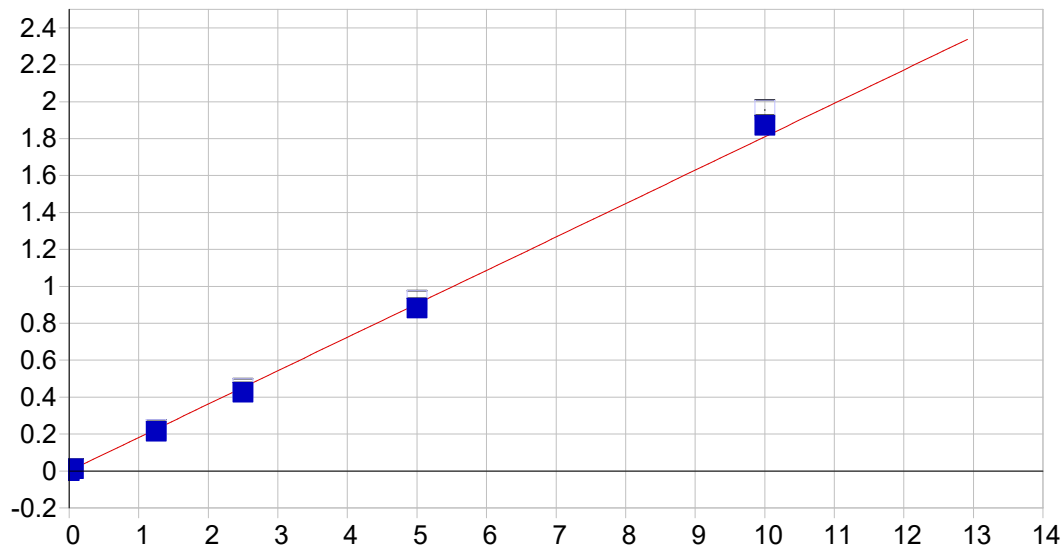


Se 196.090 {472}

Date of Fit: 05/18/2020 15:08:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000699 Re-Slope: 1.000000
 A1 (Gain): 0.064391 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999924 Status: OK.
 Std Error of Est: 0.000025
 Predicted MDL: 0.004492
 Predicted MQL: 0.014972

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00070	.000	1
S1	.03500	.03926	.004	12.2	.00323	.000	1
S2	1.2500	1.2377	-.012	-.981	.08019	.001	1
S3	2.5000	2.4588	-.041	-1.65	.15860	.001	1
S4	5.0000	4.9495	-.050	-1.01	.31855	.001	1
S5	10.000	10.100	.100	.997	.64933	.001	1

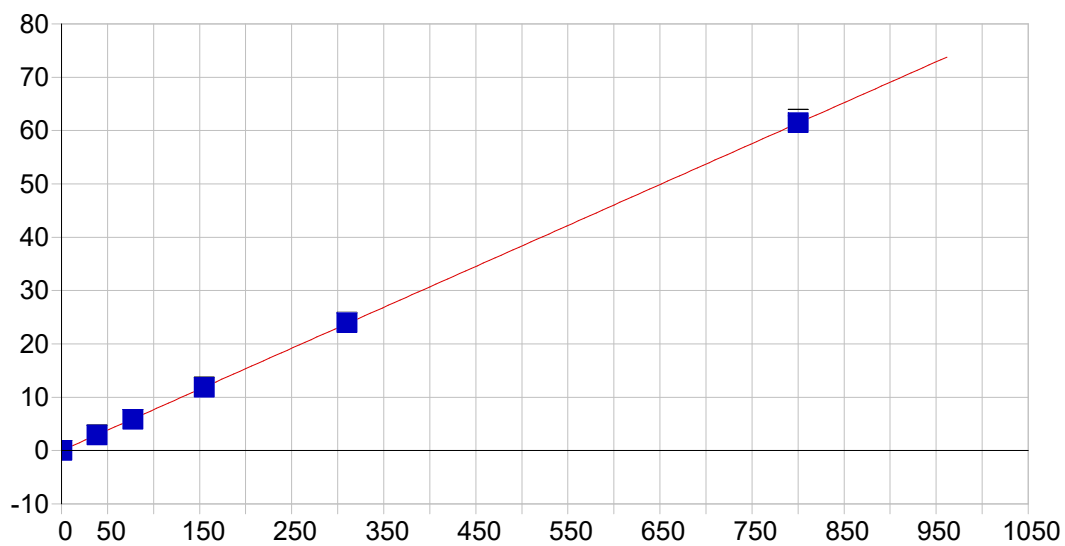


Sb 206.833 {463}

Date of Fit: 05/18/2020 15:08:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000254 Re-Slope: 1.000000
 A1 (Gain): 0.180961 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999317 Status: OK.
 Std Error of Est: 0.000288
 Predicted MDL: 0.002070
 Predicted MQL: 0.006901

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00025	.000	1
S1	.06000	.06602	.006	10.0	.01221	.000	1
S2	1.2500	1.1815	-.069	-5.48	.22447	.001	1
S3	2.5000	2.3527	-.147	-5.89	.44682	.002	1
S4	5.0000	4.8689	-.131	-2.62	.92299	.002	1
S5	10.000	10.341	.341	3.41	1.9549	.002	1

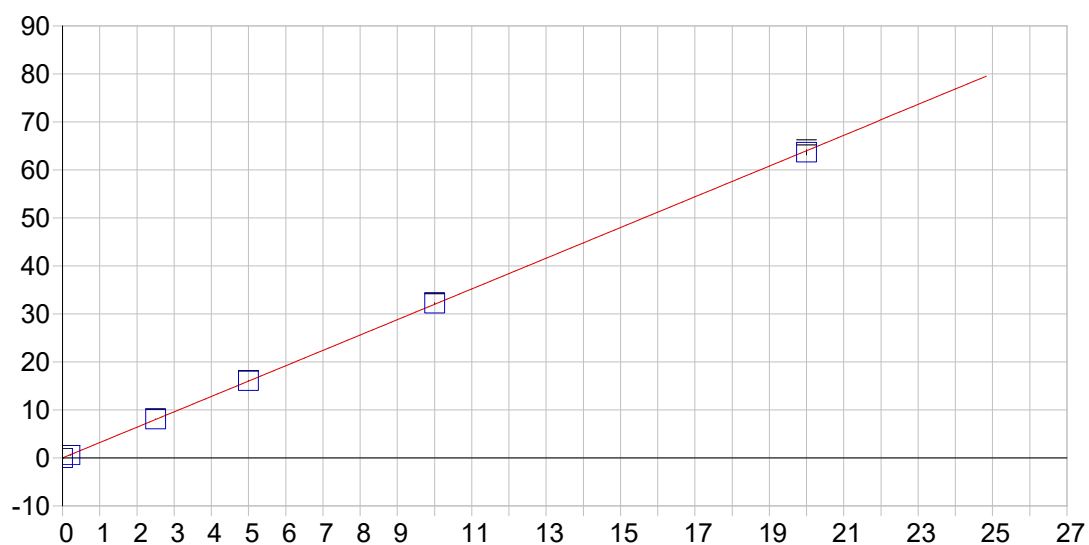


AI 396.152 { 85}

Date of Fit: 05/18/2020 15:08:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000778 Re-Slope: 1.000000
 A1 (Gain): 0.076739 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970 Status: OK.
 Std Error of Est: 0.000368
 Predicted MDL: 0.009726
 Predicted MQL: 0.032419

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00078	.000	1
S1	.20000	.20631	.006	3.15	.01532	.000	1
S2	38.750	37.702	-1.05	-2.70	2.8984	.002	1
S3	77.500	75.902	-1.60	-2.06	5.8357	.007	1
S4	155.00	154.25	-.745	-.481	11.860	.047	1
S5	310.00	312.17	2.17	.699	24.002	.056	1
S6	800.00	801.22	1.22	.153	61.522	.615	1

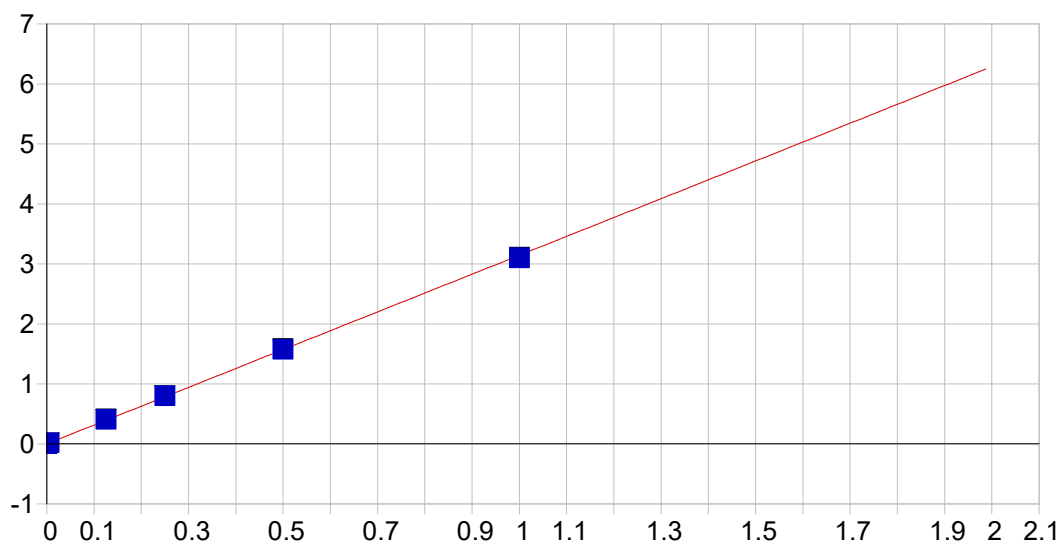


Ba 493.409 { 68}

Date of Fit: 05/18/2020 15:08:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004514 Re-Slope: 1.000000
 A1 (Gain): 3.201720 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977 Status: OK.
 Std Error of Est: 0.002327
 Predicted MDL: 0.000542
 Predicted MQL: 0.001806

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00451	.000	1
S1	.20000	.19369	-.006	-3.15	.61564	.004	1
S2	2.5000	2.5299	.030	1.20	8.0956	.024	1
S3	5.0000	5.0232	.023	.464	16.078	.022	1
S4	10.000	10.067	.067	.671	32.227	.100	1
S5	20.000	19.886	-.114	-.569	63.665	.512	1

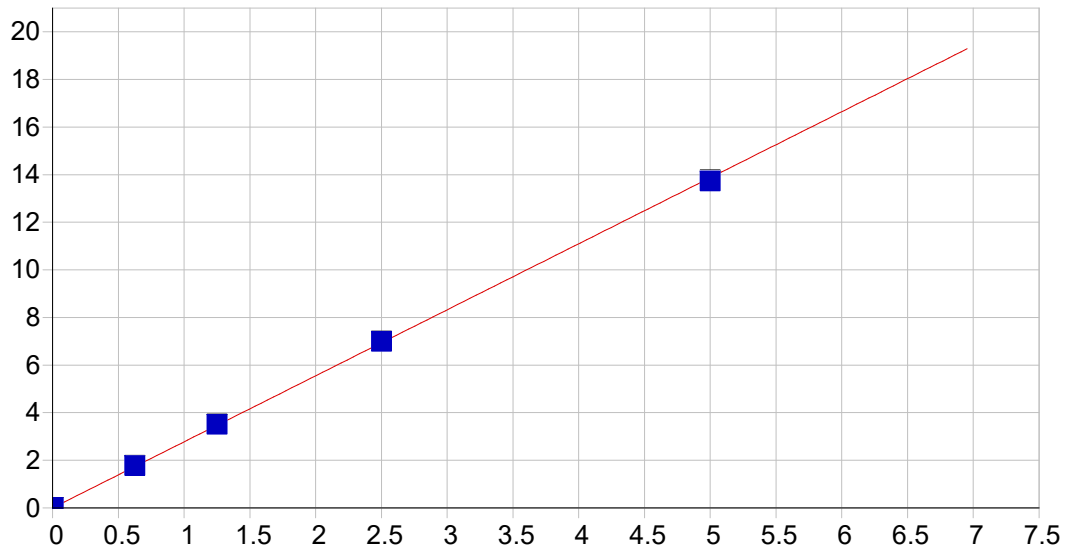


Be 234.861 {144}

Date of Fit: 05/18/2020 15:08:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000450	Re-Slope:	1.000000
A1 (Gain):	3.144045	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999812	Status:	OK.
Std Error of Est:	0.000228		
Predicted MDL:	0.000080		
Predicted MQL:	0.000266		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00045	.000	1
S1	.00500	.00585	.001	16.9	.01792	.000	1
S2	.12500	.13072	.006	4.58	.40924	.002	1
S3	.25000	.25536	.005	2.14	.79979	.004	1
S4	.50000	.50139	.001	.277	1.5707	.012	1
S5	1.0000	.98669	-.013	-1.33	3.0913	.012	1

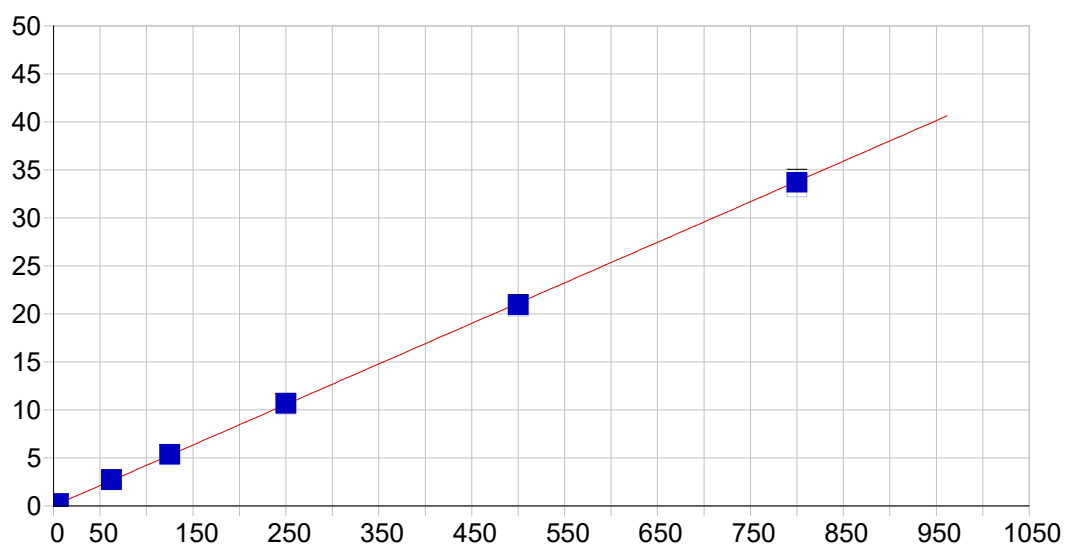


Cd 214.438 {457}

Date of Fit: 05/18/2020 15:08:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000787	Re-Slope:	1.000000
A1 (Gain):	2.774311	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999929	Status:	OK.
Std Error of Est:	0.000278		
Predicted MDL:	0.000100		
Predicted MQL:	0.000335		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00078	.000	1
S1	.00500	.00575	.001	15.1	.01675	.000	1
S2	.62500	.64047	.015	2.47	1.7803	.004	1
S3	1.2500	1.2649	.015	1.19	3.5154	.002	1
S4	2.5000	2.5196	.020	.783	7.0015	.003	1
S5	5.0000	4.9493	-.051	-1.01	13.753	.031	1

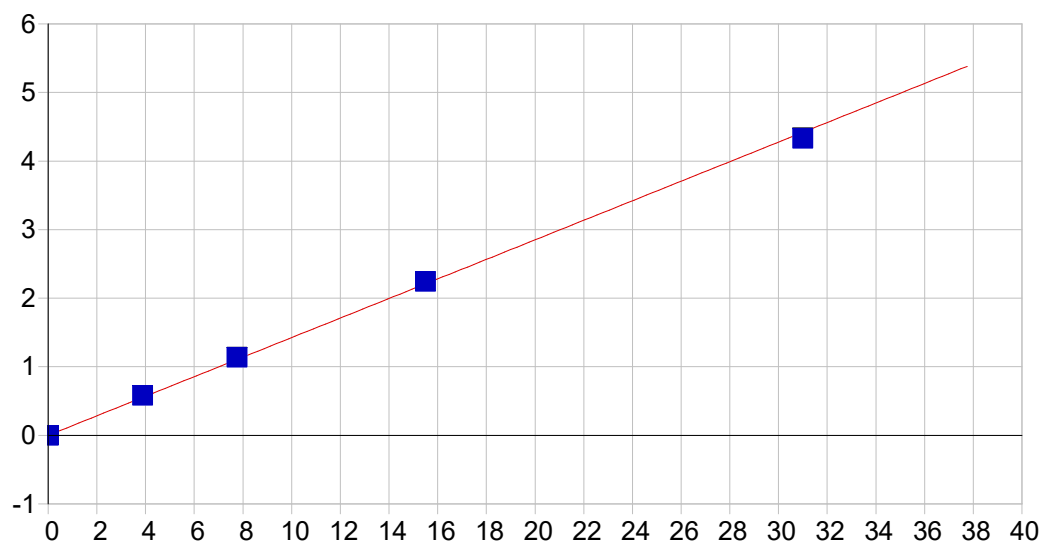


Ca 373.690 { 90}

Date of Fit: 05/18/2020 15:08:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002446 Re-Slope: 1.000000
 A1 (Gain): 0.042246 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999926 Status: OK.
 Std Error of Est: 0.001768
 Predicted MDL: 0.015730
 Predicted MQL: 0.052435

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00091	-.001	.000	.00241	.000	1
S1	5.0000	5.6950	.695	13.9	.24297	.001	1
S2	62.500	64.514	2.01	3.22	2.7043	.013	1
S3	125.00	126.80	1.80	1.44	5.3121	.008	1
S4	250.00	252.22	2.22	.886	10.563	.040	1
S5	500.00	495.83	-4.17	-.833	20.760	.009	1
S6	800.00	797.41	-2.59	-.323	33.186	.331	1

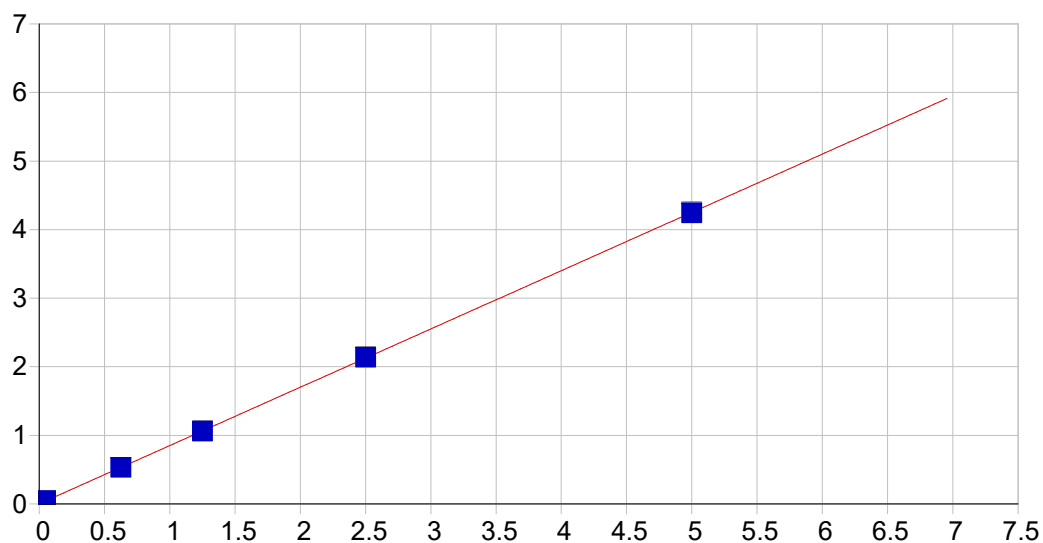


Cr 267.716 {126}

Date of Fit: 05/18/2020 15:08:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000099 Re-Slope: 1.000000
 A1 (Gain): 0.142550 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999715 Status: OK.
 Std Error of Est: 0.000101
 Predicted MDL: 0.000560
 Predicted MQL: 0.001866

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00010	.000	1
S1	.01000	.01268	.003	26.8	.00171	.000	1
S2	3.8750	4.0745	.200	5.15	.58142	.002	1
S3	7.7500	7.9639	.214	2.76	1.1365	.001	1
S4	15.500	15.722	.222	1.43	2.2438	.002	1
S5	31.000	30.362	-.638	-2.06	4.3336	.005	1

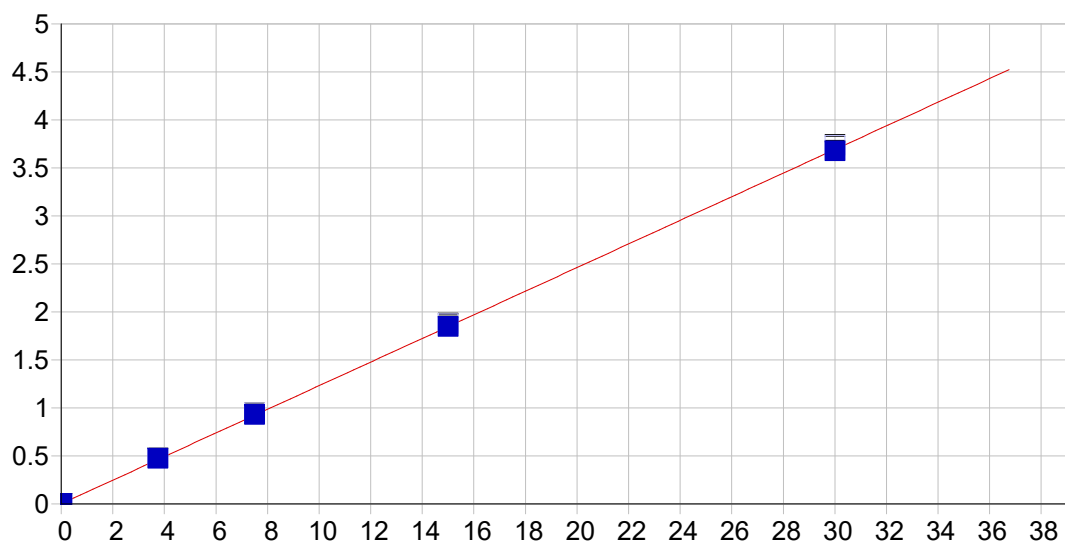


Co 228.616 {448}

Date of Fit: 05/18/2020 15:08:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000268	Re-Slope:	1.000000
A1 (Gain):	0.850063	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999982	Status:	OK.
Std Error of Est:	0.000135		
Predicted MDL:	0.000324		
Predicted MQL:	0.001079		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00026	.000	1
S1	.05000	.05350	.003	6.99	.04589	.000	1
S2	.62500	.62345	-.002	-.248	.53109	.001	1
S3	1.2500	1.2472	-.003	-.222	1.0622	.001	1
S4	2.5000	2.5119	.012	.477	2.1389	.002	1
S5	5.0000	4.9889	-.011	-.222	4.2479	.008	1

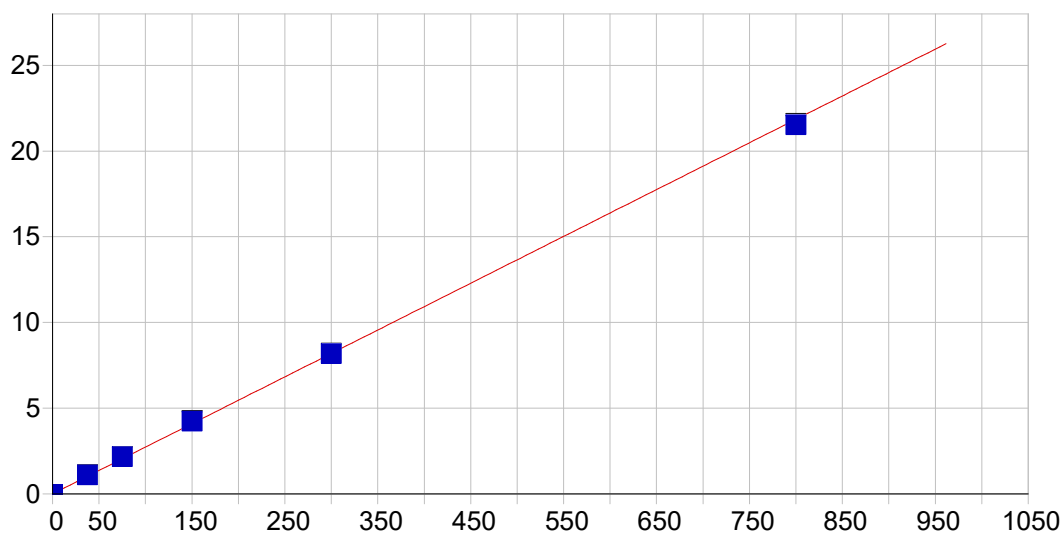


Cu 324.754 {104}

Date of Fit: 05/18/2020 15:08:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001151	Re-Slope:	1.000000
A1 (Gain):	0.123030	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999978	Status:	OK.
Std Error of Est:	0.000038		
Predicted MDL:	0.002927		
Predicted MQL:	0.009758		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00115	.000	1
S1	.02500	.02483	-.000	-.697	.00482	.000	1
S2	3.7500	3.8258	.076	2.02	.47924	.001	1
S3	7.5000	7.5570	.057	.759	.94569	.002	1
S4	15.000	15.005	.005	.034	1.8768	.005	1
S5	30.000	29.862	-.138	-.459	3.7343	.008	1

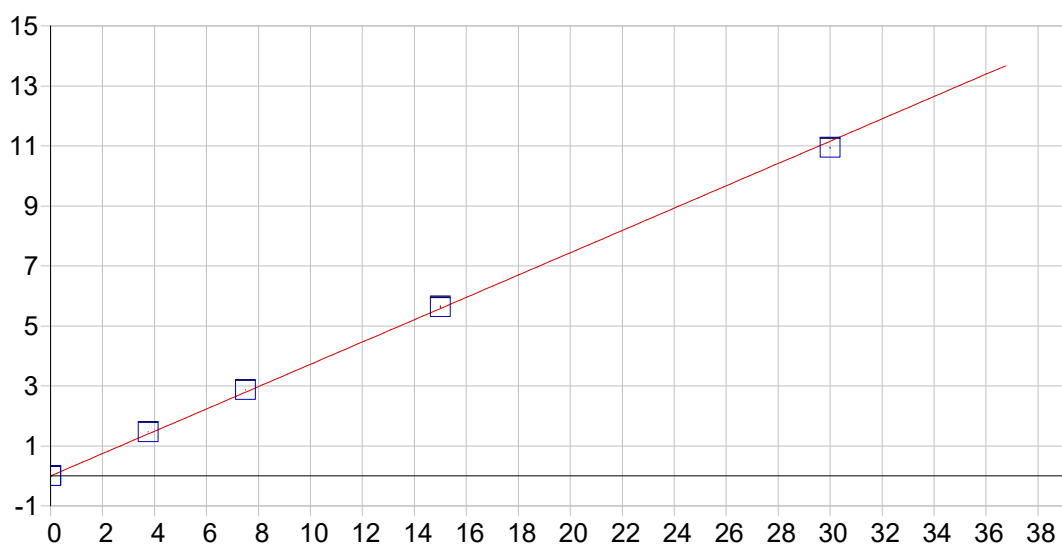


Fe 259.837 {130}

Date of Fit: 05/18/2020 15:08:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000269 Re-Slope: 1.000000
 A1 (Gain): 0.027310 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999705 Status: OK.
 Std Error of Est: 0.000290
 Predicted MDL: 0.007985
 Predicted MQL: 0.026617

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00027	.000	1
S1	.10000	.11486	.015	14.9	.00352	.000	1
S2	37.500	40.456	2.96	7.88	1.1073	.005	1
S3	75.000	79.075	4.08	5.43	2.1641	.004	1
S4	150.00	155.12	5.12	3.41	4.2451	.029	1
S5	300.00	299.61	-.393	-.131	8.1996	.016	1
S6	800.00	788.22	-11.8	-1.47	21.554	.068	1

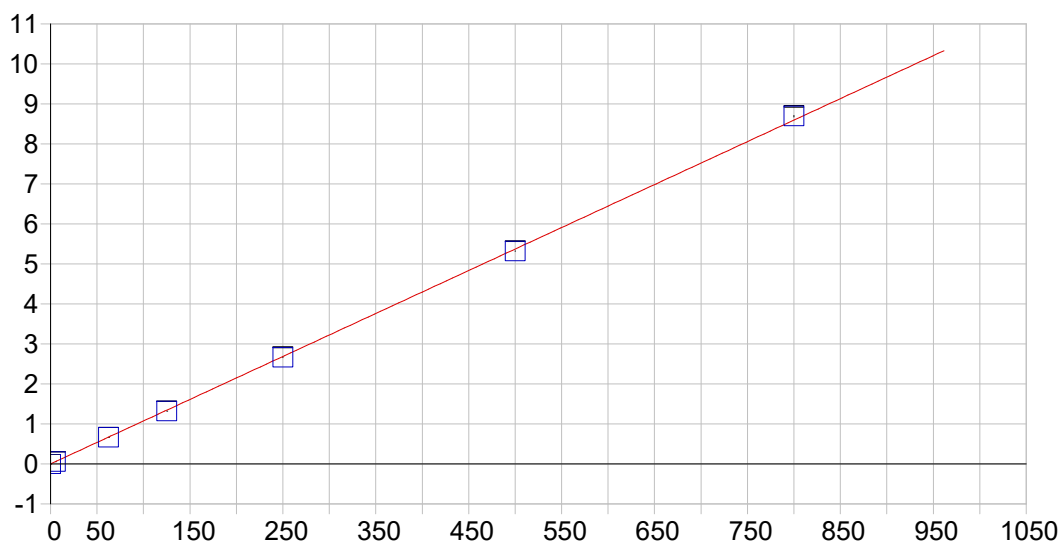


Mn 257.610 {131}

Date of Fit: 05/18/2020 15:08:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000147	Re-Slope:	1.000000
A1 (Gain):	0.371947	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999735	Status:	OK.
Std Error of Est:	0.000305		
Predicted MDL:	0.000524		
Predicted MQL:	0.001748		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00015	.000	1
S1	.01500	.01889	.004	25.9	.00688	.000	1
S2	3.7500	3.9465	.197	5.24	1.4678	.005	1
S3	7.5000	7.7091	.209	2.79	2.8672	.005	1
S4	15.000	15.163	.163	1.09	5.6397	.025	1
S5	30.000	29.428	-.572	-1.91	10.945	.016	1

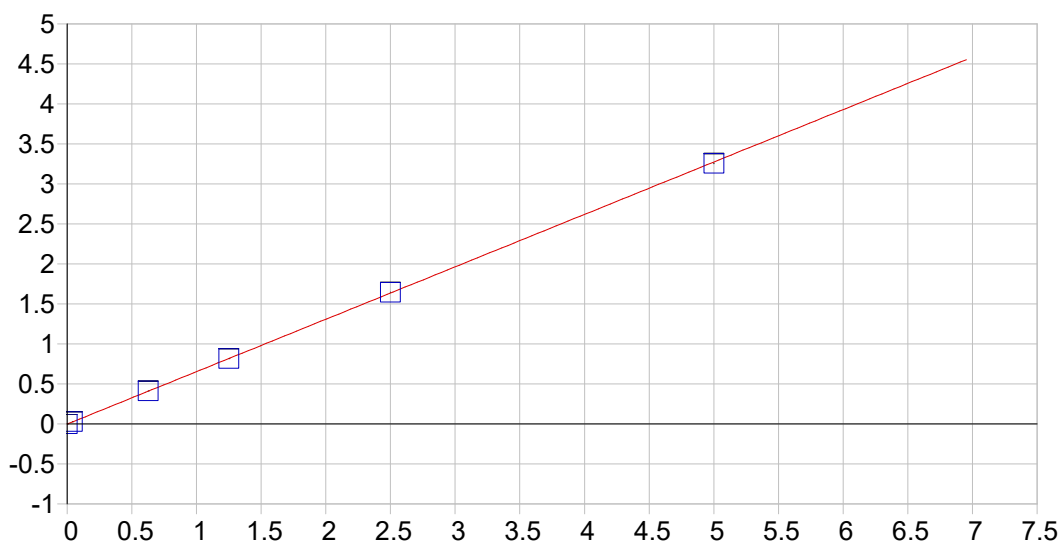


Mg 279.079 {121}

Date of Fit: 05/18/2020 15:08:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000178 Re-Slope: 1.000000
 A1 (Gain): 0.010745 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999924 Status: OK.
 Std Error of Est: 0.000463
 Predicted MDL: 0.024575
 Predicted MQL: 0.081917

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00035	-.000	.000	-.00018	.000	1
S1	5.0000	5.5177	.518	10.4	.05911	.000	1
S2	62.500	61.826	-.674	-1.08	.66414	.004	1
S3	125.00	122.80	-2.20	-1.76	1.3193	.003	1
S4	250.00	248.03	-1.97	-.786	2.6649	.012	1
S5	500.00	495.20	-4.80	-.960	5.3207	.009	1
S6	800.00	809.12	9.12	1.14	8.6937	.021	1

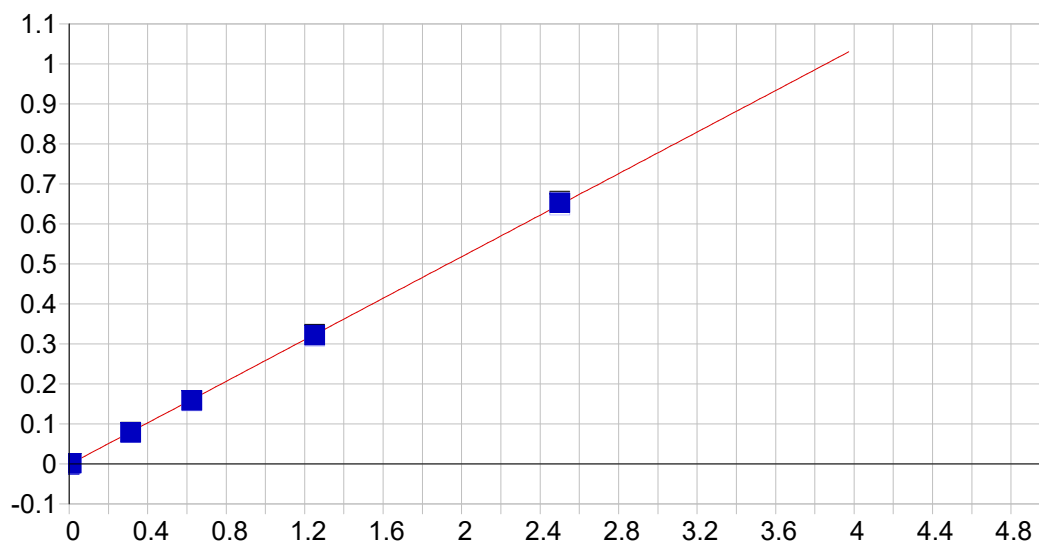


Ni 231.604 {446}

Date of Fit: 05/18/2020 15:08:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001897	Re-Slope:	1.000000
A1 (Gain):	0.655088	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999945	Status:	OK.
Std Error of Est:	0.000164		
Predicted MDL:	0.000484		
Predicted MQL:	0.001614		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00190	.000	1
S1	.04000	.04544	.005	13.6	.02787	.000	1
S2	.62500	.63185	.007	1.10	.41202	.001	1
S3	1.2500	1.2494	-.001	-.052	.81654	.000	1
S4	2.5000	2.5147	.015	.588	1.6455	.001	1
S5	5.0000	4.9737	-.026	-.527	3.2563	.004	1

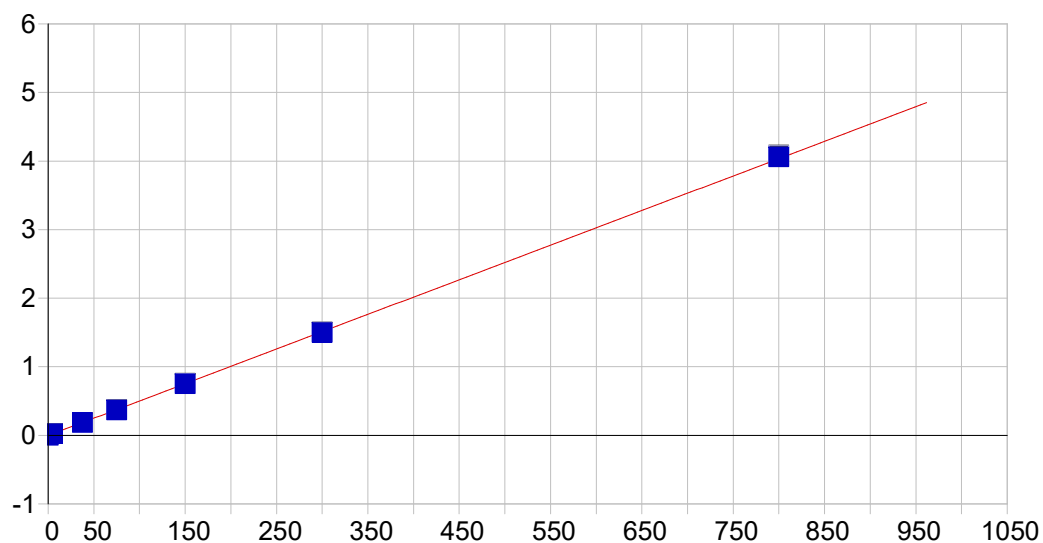


Ag 328.068 {103}

Date of Fit: 05/18/2020 15:08:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001274 Re-Slope: 1.000000
 A1 (Gain): 0.259629 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.000516
 Predicted MQL: 0.001719

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00127	.000	1
S1	.01000	.01138	.001	13.8	.00166	.000	1
S2	.31250	.30770	-.005	-1.54	.07780	.000	1
S3	.62500	.61356	-.011	-1.83	.15640	.000	1
S4	1.2500	1.2450	-.005	-.404	.31871	.002	1
S5	2.5000	2.5199	.020	.796	.64647	.004	1

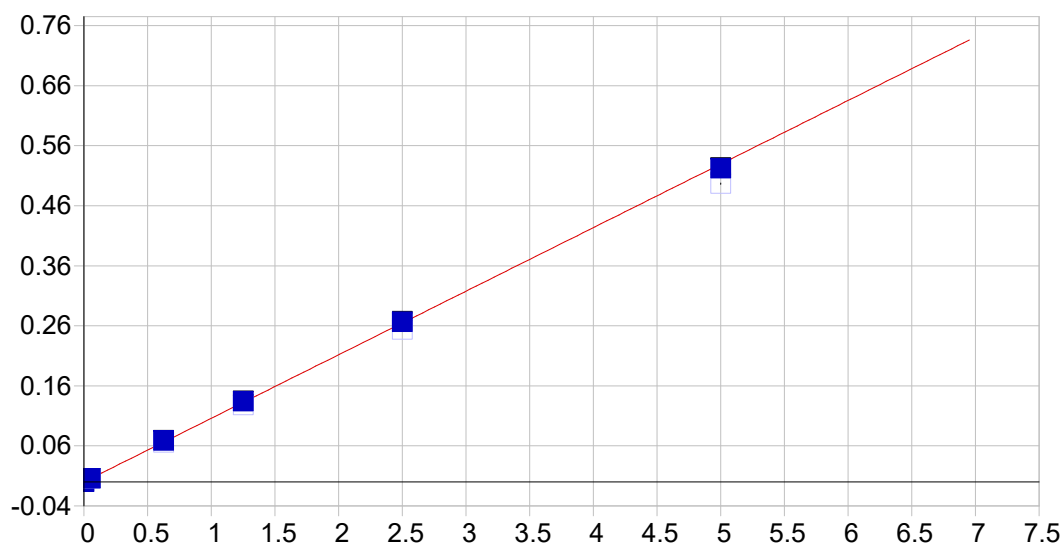


Na 818.326 { 41}

Date of Fit: 05/18/2020 15:08:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002875	Re-Slope:	1.000000
A1 (Gain):	0.005048	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999960	Status:	OK.
Std Error of Est:	0.000140		
Predicted MDL:	0.278730		
Predicted MQL:	0.929100		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00016	-.000	.000	-.00288	.001	1
S1	5.0000	5.3467	.347	6.93	.02412	.001	1
S2	37.500	37.057	-.443	-1.18	.18502	.000	1
S3	75.000	73.754	-1.25	-1.66	.37110	.002	1
S4	150.00	149.23	-.772	-.514	.75376	.005	1
S5	300.00	297.22	-2.78	-.926	1.5042	.003	1
S6	800.00	804.89	4.89	.612	4.0780	.009	1

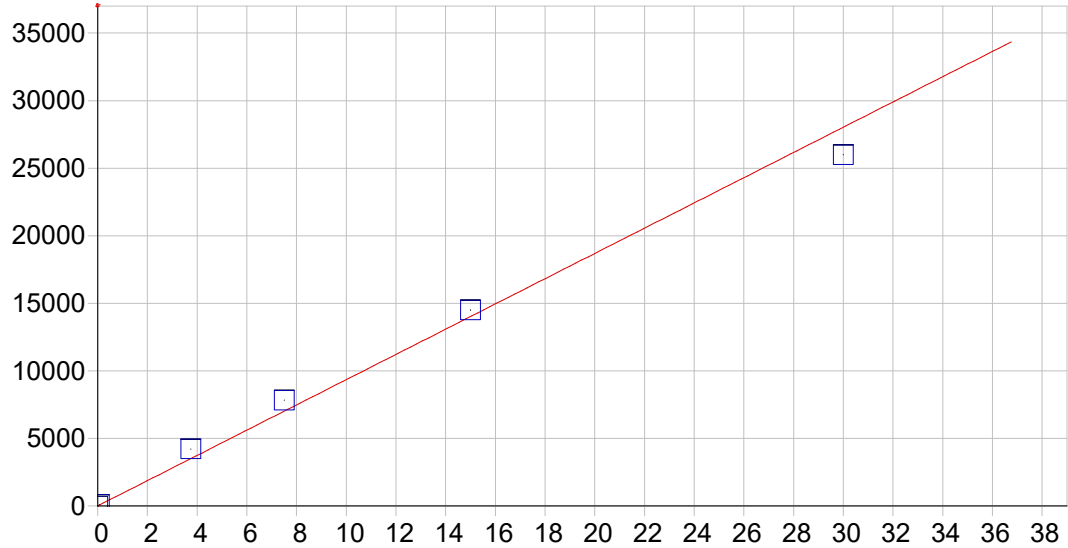


V 292.402 {115}

Date of Fit: 05/18/2020 15:08:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000014	Re-Slope:	1.000000
A1 (Gain):	0.105882	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999796	Status:	OK.
Std Error of Est:	0.000054		
Predicted MDL:	0.002888		
Predicted MQL:	0.009628		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00001	.000	1
S1	.05000	.05745	.007	14.9	.00609	.000	1
S2	.62500	.65082	.026	4.13	.06575	.000	1
S3	1.2500	1.2688	.019	1.51	.12801	.001	1
S4	2.5000	2.5156	.016	.624	.25368	.001	1
S5	5.0000	4.9319	-.068	-1.36	.49684	.001	1

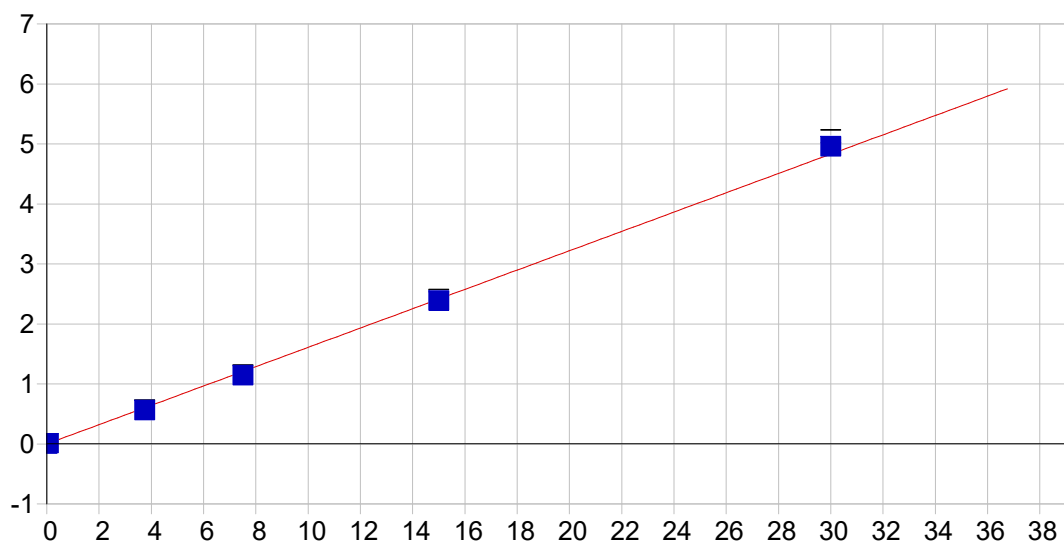


Zn 206.200 {464}

Date of Fit: 05/18/2020 15:08:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 1.887476 Re-Slope: 1.000000
 A1 (Gain): 934.376396 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.995914 Status: OK.
 Std Error of Est: 6.028643
 Predicted MDL: 0.000532
 Predicted MQL: 0.001774

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00006	-.000	.000	1.8298	.400	1
S1	.06000	.10507	.045	75.1	100.06	.327	1
S2	3.7500	4.5011	.751	20.0	4207.7	4.57	1
S3	7.5000	8.3760	.876	11.7	7828.3	16.7	1
S4	15.000	15.511	.511	3.41	14495.	25.8	1
S5	30.000	27.817	-2.18	-7.28	25993.	14.7	1

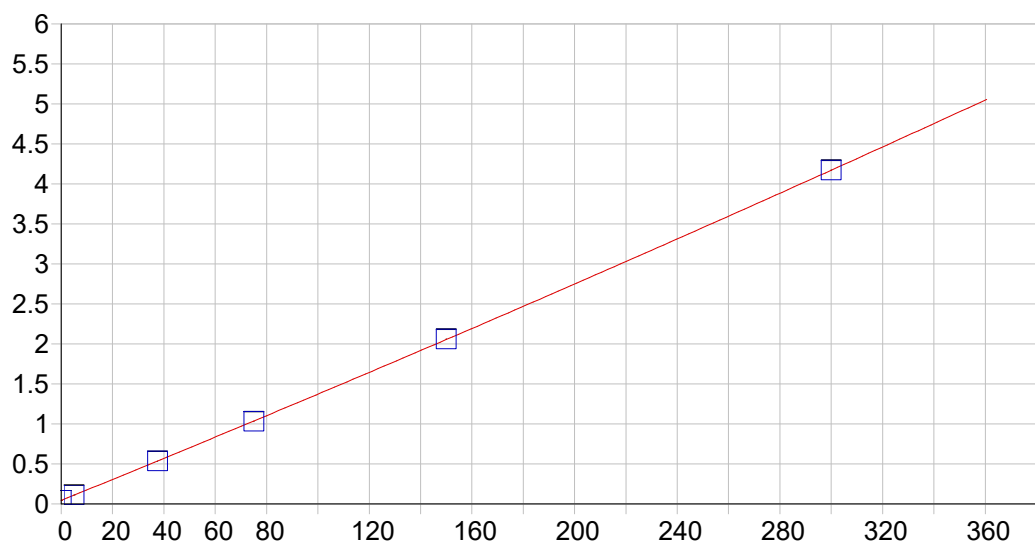


Zn 213.856 {158}

Date of Fit: 05/18/2020 15:08:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000799	Re-Slope:	1.000000
A1 (Gain):	0.161018	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999438	Status:	OK.
Std Error of Est:	0.000385		
Predicted MDL:	0.004254		
Predicted MQL:	0.014178		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00080	.000	1
S1	.06000	.07348	.013	22.5	.01106	.001	1
S2	3.7500	3.5008	-.249	-6.65	.56387	.004	1
S3	7.5000	7.1043	-.396	-5.28	1.1451	.008	1
S4	15.000	14.833	-.167	-1.11	2.3916	.020	1
S5	30.000	30.798	.798	2.66	4.9662	.108	1

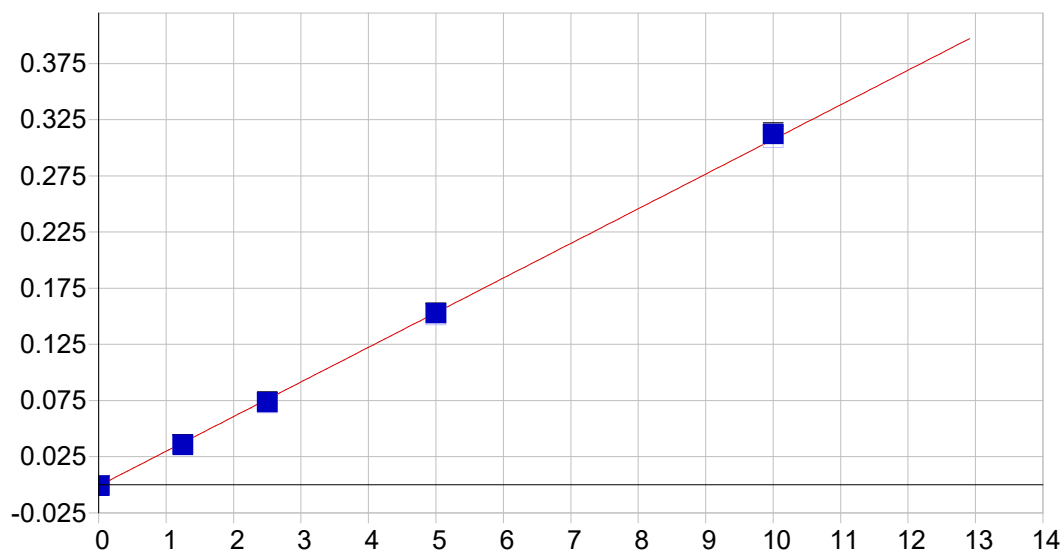


K 769.896 { 44}

Date of Fit: 05/18/2020 15:08:13 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	0.043948	Re-Slope:	1.000000
A1 (Gain):	0.013049	Y-int:	0.000000
A2 (Curvature):	0.000002		
n (Exponent):	1.000000		
Correlation:	0.999985	Status:	Warning Positive Curvature
Std Error of Est:	0.000177		
Predicted MDL:	0.086103		
Predicted MQL:	0.287010		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00023	-.000	.000	.04395	.000	1
S1	5.0000	5.2705	.271	5.41	.11279	.000	1
S2	37.500	37.337	-.163	-.435	.53447	.001	1
S3	75.000	74.608	-.392	-.523	1.0307	.002	1
S4	150.00	150.34	.342	.228	2.0593	.004	1
S5	300.00	299.94	-.057	-.019	4.1708	.004	1

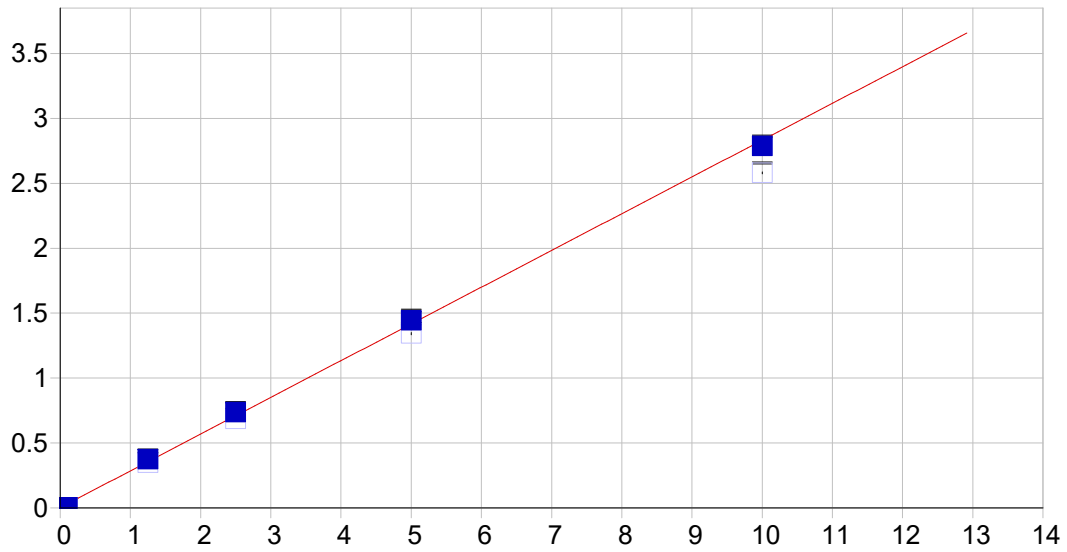


P 177.495 {490}

Date of Fit: 05/18/2020 15:08:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000965 Re-Slope: 1.000000
 A1 (Gain): 0.030842 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999764 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.004139
 Predicted MQL: 0.013798

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00096	.000	1
S1	.01000	.00896	-.001	-10.4	-.00069	.000	1
S2	1.2500	1.1844	-.066	-5.25	.03513	.000	1
S3	2.5000	2.4212	-.079	-3.15	.07285	.000	1
S4	5.0000	4.9847	-.015	-.307	.15104	.000	1
S5	10.000	10.161	.161	1.61	.30896	.001	1

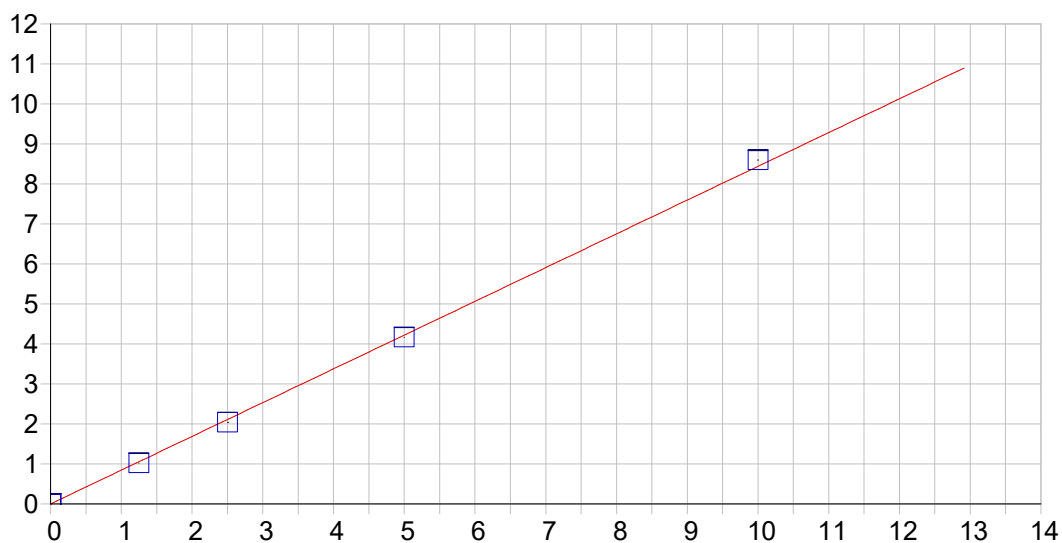


B 249.678 {135}

Date of Fit: 05/18/2020 15:08:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002323 Re-Slope: 1.000000
 A1 (Gain): 0.282990 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997156 Status: OK.
 Std Error of Est: 0.001055
 Predicted MDL: 0.001112
 Predicted MQL: 0.003706

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	.00235	.000	1
S1	.10000	.00995	-.090	-90.0	.00508	.000	1
S2	1.2500	1.3148	.065	5.18	.34872	.002	1
S3	2.5000	2.5960	.096	3.84	.68563	.004	1
S4	5.0000	5.0972	.097	1.94	1.3421	.009	1
S5	10.000	9.8389	-.161	-1.61	2.5812	.007	1

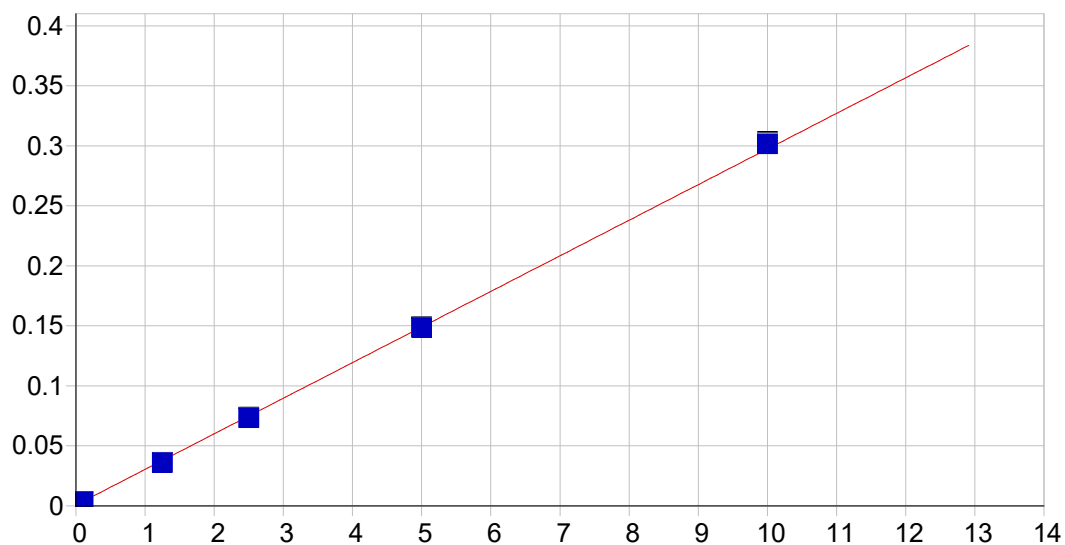


Mo 202.030 {467}

Date of Fit: 05/18/2020 15:08:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000096	Re-Slope:	1.000000
A1 (Gain):	0.843928	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999778	Status:	OK.
Std Error of Est:	0.000298		
Predicted MDL:	0.000385		
Predicted MQL:	0.001283		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00010	.000	1
S1	.01000	.01103	.001	10.3	.00941	.000	1
S2	1.2500	1.2109	-.039	-3.13	1.0220	.004	1
S3	2.5000	2.4177	-.082	-3.29	2.0405	.003	1
S4	5.0000	4.9346	-.065	-1.31	4.1646	.005	1
S5	10.000	10.186	.186	1.86	8.5961	.010	1

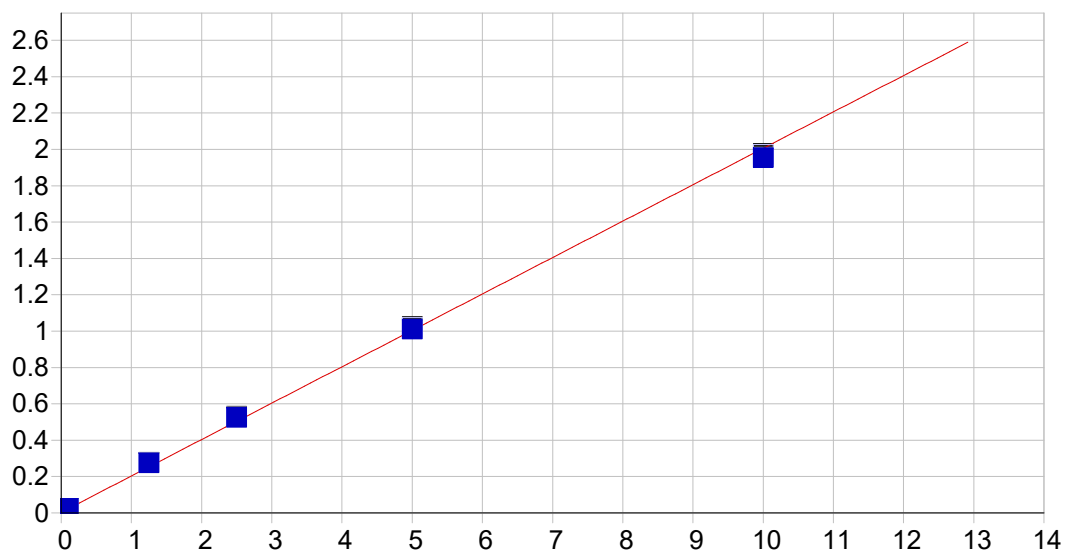


S 182.034 {485}

Date of Fit: 05/18/2020 15:08:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000766	Re-Slope:	1.000000
A1 (Gain):	0.029654	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999790	Status:	OK.
Std Error of Est:	0.000032		
Predicted MDL:	0.005253		
Predicted MQL:	0.017509		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00077	.000	1
S1	.10000	.08915	-.011	-10.9	.00341	.000	1
S2	1.2500	1.1848	-.065	-5.22	.03598	.000	1
S3	2.5000	2.4456	-.054	-2.18	.07344	.000	1
S4	5.0000	4.9846	-.015	-.307	.14889	.000	1
S5	10.000	10.146	.146	1.46	.30225	.001	1

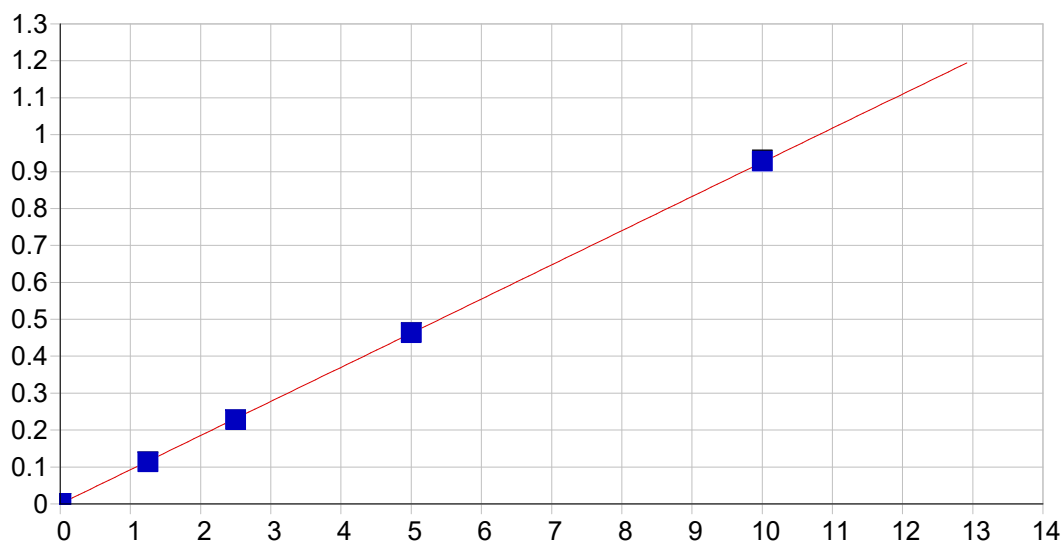


Si 251.611 {134}

Date of Fit: 05/18/2020 15:08:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.003012	Re-Slope:	1.000000
A1 (Gain):	0.200271	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999381	Status:	OK.
Std Error of Est:	0.000378		
Predicted MDL:	0.001420		
Predicted MQL:	0.004734		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00301	.000	1
S1	.10000	.11799	.018	18.0	.02671	.000	1
S2	1.2500	1.3577	.108	8.61	.27713	.001	1
S3	2.5000	2.6042	.104	4.17	.52899	.002	1
S4	5.0000	5.0294	.029	.587	1.0191	.006	1
S5	10.000	9.7408	-.259	-2.59	1.9715	.006	1

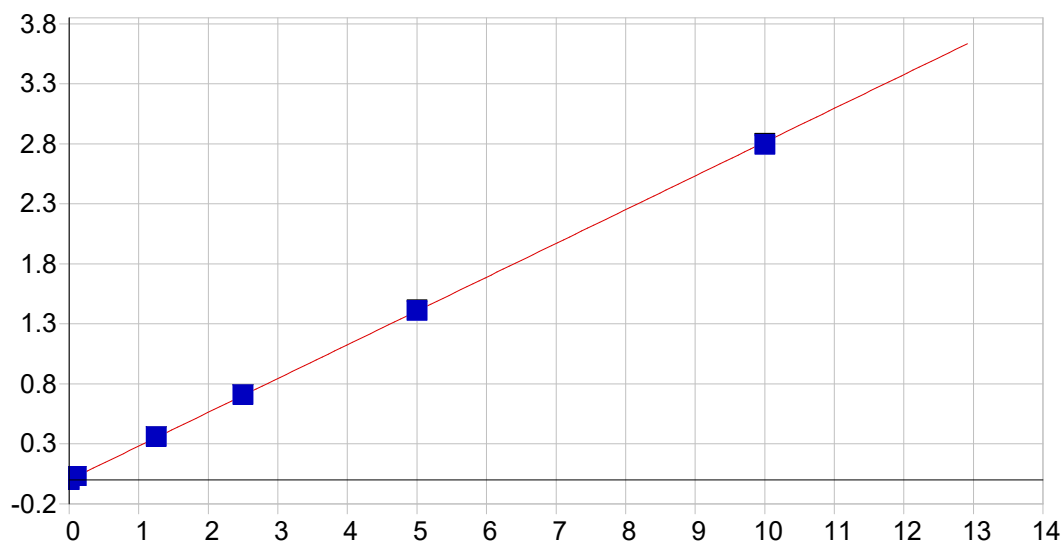


Sn 189.989 {478}

Date of Fit: 05/18/2020 15:08:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000029	Re-Slope:	1.000000
A1 (Gain):	0.092489	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999968	Status:	OK.
Std Error of Est:	0.000010		
Predicted MDL:	0.001614		
Predicted MQL:	0.005379		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00003	.000	1
S1	.00700	.00846	.001	20.8	.00079	.000	1
S2	1.2500	1.2310	-.019	-1.52	.11365	.000	1
S3	2.5000	2.4674	-.033	-1.30	.22776	.000	1
S4	5.0000	5.0145	.014	.290	.46286	.001	1
S5	10.000	10.036	.036	.356	.92630	.004	1

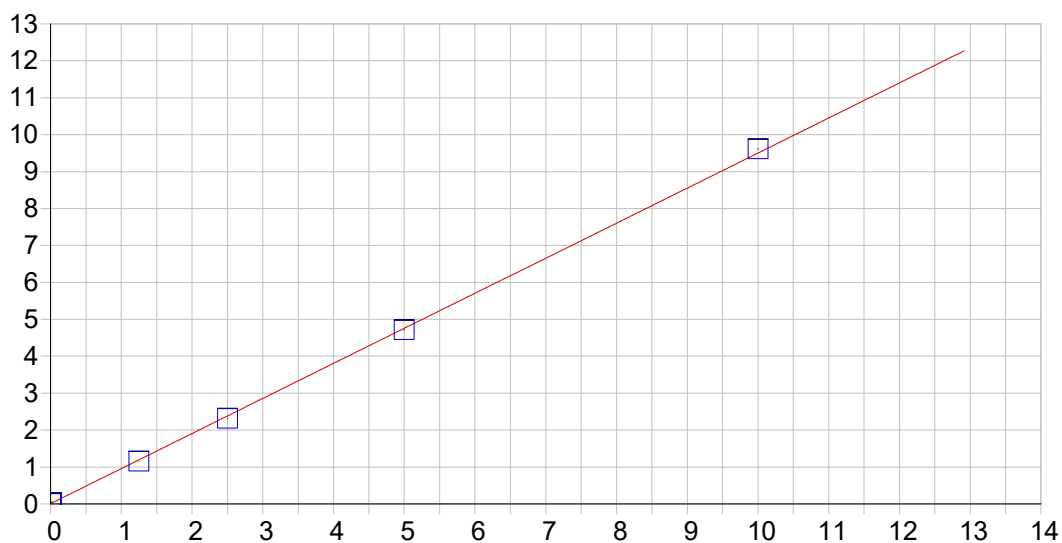


Ti 336.121 {100}

Date of Fit: 05/18/2020 15:08:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000368 Re-Slope: 1.000000
 A1 (Gain): 0.281375 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999936 Status: OK.
 Std Error of Est: 0.000170
 Predicted MDL: 0.001424
 Predicted MQL: 0.004747

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00036	.001	1
S1	.10000	.11062	.011	10.6	.03149	.000	1
S2	1.2500	1.2770	.027	2.16	.35955	.000	1
S3	2.5000	2.5238	.024	.952	.71026	.001	1
S4	5.0000	5.0079	.008	.157	1.4090	.006	1
S5	10.000	9.9308	-.069	-.692	2.7937	.010	1



Li 670.784 { 50}

Date of Fit: 05/18/2020 15:08:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006157 Re-Slope: 1.000000
 A1 (Gain): 0.949718 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997667 Status: OK.
 Std Error of Est: 0.001335
 Predicted MDL: 0.001551
 Predicted MQL: 0.005169

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00612	.000	1
S5	10.000	10.112	.112	1.12	9.6099	.011	1
S4	5.0000	4.9588	-.041	-.825	4.7156	.006	1
S3	2.5000	2.4331	-.067	-2.68	2.3169	.005	1
S2	1.2500	1.2107	-.039	-3.14	1.1560	.003	1
S1	.01500	.05032	.035	235.	.05395	.001	1







Y 371.030 { 91}*

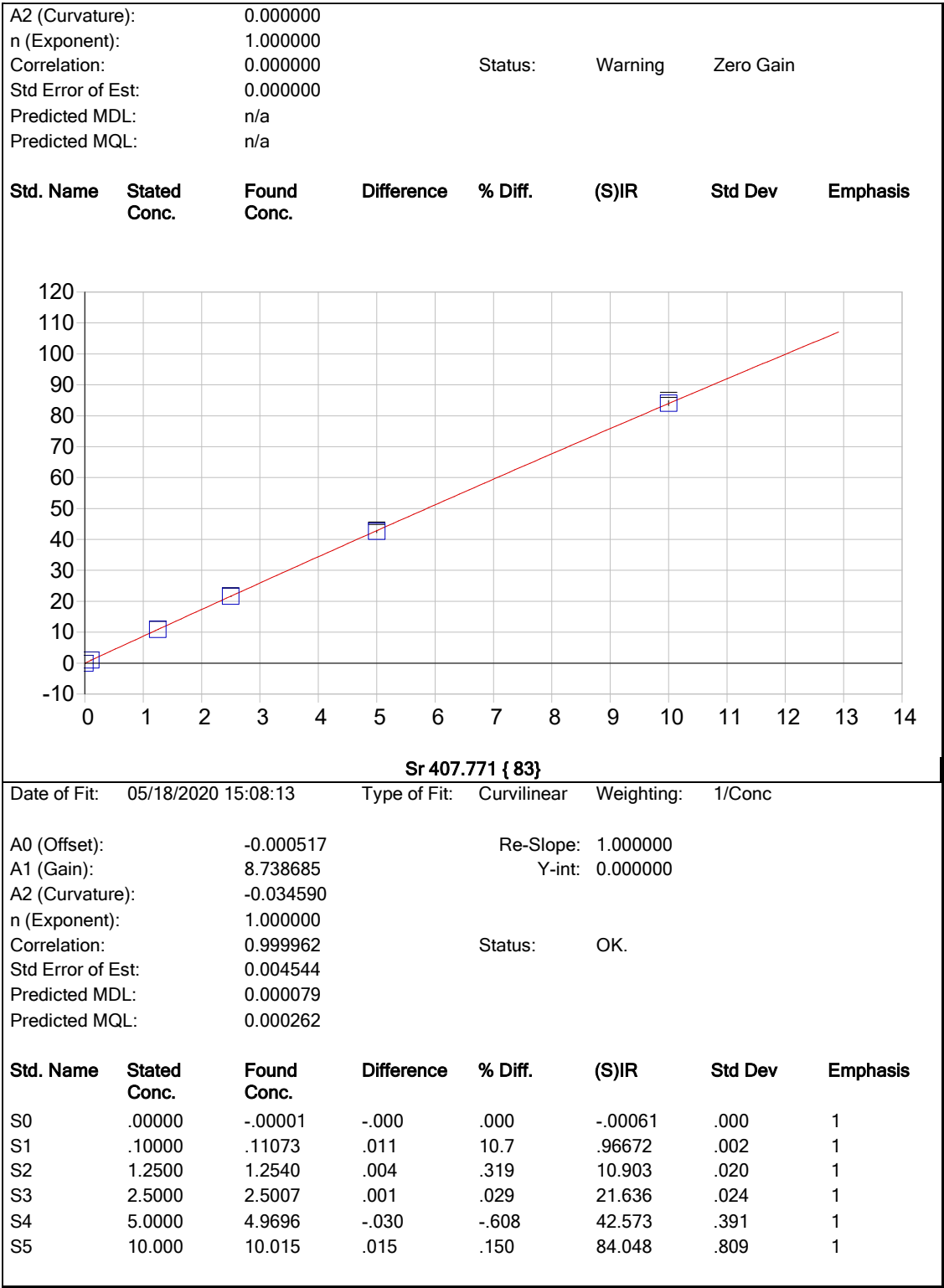
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				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

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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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: 05/18/2020 11:08:50 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00030	-.00053	-.00043	.00070	.00025	-.00078	-.00451	-.00045
Stddev	.00008	.00004	.00033	.00006	.00037	.00003	.00036	.00016
%RSD	27.615	8.3289	76.916	8.0339	147.40	4.3607	7.9996	35.090

#1	-.00021	-.00057	-.00030	.00067	-.00005	-.00076	-.00489	-.00028
#2	-.00037	-.00048	-.00080	.00067	.00067	-.00075	-.00418	-.00048
#3	-.00032	-.00054	-.00018	.00076	.00015	-.00082	-.00445	-.00060

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	.00078	.00241	-.00010	.00026	.00115	.00027	-.00015	-.00018
Stddev	.00028	.00011	.00006	.00018	.00014	.00012	.00015	.00008
%RSD	35.651	4.4324	59.838	68.388	12.577	45.182	100.07	43.977

#1	.00109	.00248	-.00014	.00006	.00130	.00024	-.00032	-.00014
#2	.00071	.00246	-.00003	.00032	.00113	.00017	-.00008	-.00027
#3	.00055	.00228	-.00013	.00041	.00102	.00040	-.00005	-.00013

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	-.00190	-.00127	-.00288	.00001	-.00080	.04395	-.00096	.00235
Stddev	.00006	.00003	.00093	.00024	.00021	.00047	.00011	.00010
%RSD	3.1515	2.3949	32.162	1851.0	26.529	1.0798	11.093	4.2434

#1	-.00197	-.00130	-.00363	-.00014	-.00086	.04365	-.00107	.00245
#2	-.00187	-.00128	-.00184	-.00010	-.00056	.04449	-.00085	.00234
#3	-.00186	-.00124	-.00315	.00029	-.00098	.04370	-.00097	.00225

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	.00010	.00077	.00301	.00003	.00036	.00612	-.00061	
Stddev	.00008	.00009	.00023	.00002	.00081	.00014	.00010	
%RSD	83.455	11.922	7.7289	82.237	221.72	2.2054	16.408	

#1	.00007	.00080	.00327	.00005	-.00052	.00601	-.00050	
#2	.00019	.00084	.00288	.00000	.00107	.00608	-.00064	
#3	.00003	.00066	.00286	.00003	.00054	.00627	-.00069	

Sample Name: S0 Acquired: 05/18/2020 11:08:50 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1243.0	1528.6	39547.	8625.9	2505.6
Stddev	11.2	1.4	126.	30.2	1.7
%RSD	.90115	.09416	.31835	.34993	.06844
#1	1244.1	1527.2	39614.	8660.7	2503.7
#2	1253.5	1530.1	39625.	8609.7	2506.7
#3	1231.2	1528.6	39402.	8607.2	2506.5

Sample Name: S1 Acquired: 05/18/2020 11:12:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) 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	.00000	.00086	.00131	.00323	.01221	.01532	.61564	.01792
Stddev	.00010	.00008	.00016	.00021	.00027	.00044	.00411	.00021
%RSD	3184.2	9.6268	12.271	6.5370	2.2460	2.8614	.66695	1.1757

#1	-.00001	.00091	.00136	.00298	.01226	.01537	.61104	.01791
#2	.00011	.00076	.00143	.00336	.01245	.01573	.61695	.01772
#3	-.00009	.00090	.00113	.00334	.01191	.01486	.61893	.01814

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	.01675	.24297	.00171	.04589	.00482	.00352	.00688	.05911
Stddev	.00032	.00131	.00002	.00019	.00014	.00009	.00011	.00048
%RSD	1.8910	.53713	1.1824	.40443	2.8345	2.5304	1.6638	.80822

#1	.01674	.24180	.00173	.04609	.00497	.00346	.00679	.05868
#2	.01708	.24438	.00169	.04587	.00479	.00362	.00701	.05903
#3	.01645	.24274	.00172	.04572	.00470	.00348	.00685	.05962

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	.02787	.00166	.02412	.00609	.01106	.11279	-.00069	.00508
Stddev	.00043	.00007	.00079	.00041	.00103	.00021	.00007	.00028
%RSD	1.5537	4.1582	3.2616	6.7427	9.3265	.18553	10.770	5.5263

#1	.02741	.00160	.02338	.00568	.01049	.11288	-.00072	.00476
#2	.02826	.00173	.02495	.00650	.01044	.11255	-.00061	.00528
#3	.02794	.00165	.02402	.00608	.01225	.11295	-.00075	.00521

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	.00941	.00341	.02671	.00079	.03149	.05395	.96672	
Stddev	.00017	.00012	.00030	.00006	.00018	.00114	.00189	
%RSD	1.7853	3.5042	1.1173	7.2368	.56023	2.1078	.19530	

#1	.00955	.00335	.02637	.00075	.03167	.05290	.96454	
#2	.00922	.00355	.02692	.00086	.03132	.05516	.96773	
#3	.00944	.00333	.02685	.00077	.03147	.05379	.96789	

Sample Name: S1 Acquired: 05/18/2020 11:12:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1277.1	1540.2	40625.	8855.3	2530.9
Stddev	6.3	2.4	190.	42.9	2.2
%RSD	.49113	.15376	.46692	.48395	.08768
#1	1283.0	1539.7	40839.	8892.2	2528.9
#2	1277.9	1542.8	40480.	8865.4	2533.3
#3	1270.5	1538.1	40555.	8808.3	2530.5

Sample Name: S2 Acquired: 05/18/2020 11:17:04 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) 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	.03913	.05358	.95487	.08019	.22447	2.8984	8.0956	.40924
Stddev	.00034	.00043	.00100	.00058	.00096	.0021	.0243	.00167
%RSD	.87090	.81162	.10487	.72250	.42585	.07119	.29972	.40701

#1	.03946	.05309	.95408	.08055	.22508	2.8963	8.0946	.40819
#2	.03878	.05376	.95600	.07952	.22337	2.9004	8.1203	.41116
#3	.03915	.05391	.95454	.08049	.22497	2.8985	8.0718	.40836

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	1.7803	2.7043	.58142	.53109	.47924	1.1073	1.4678	.66414
Stddev	.0038	.0127	.00242	.00123	.00101	.0049	.0052	.00355
%RSD	.21430	.46818	.41636	.23174	.21034	.44256	.35226	.53491

#1	1.7773	2.6951	.58397	.52968	.47980	1.1037	1.4644	.66201
#2	1.7790	2.7187	.58114	.53164	.47985	1.1129	1.4737	.66824
#3	1.7846	2.6990	.57915	.53194	.47808	1.1052	1.4651	.66216

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	.41202	.07780	.18502	.06575	.56387	.53447	.03513	.34872
Stddev	.00053	.00041	.00011	.00049	.00369	.00149	.00016	.00235
%RSD	.12784	.52261	.06141	.73918	.65478	.27789	.45466	.67295

#1	.41152	.07736	.18491	.06527	.56124	.53287	.03531	.34729
#2	.41257	.07790	.18513	.06625	.56228	.53580	.03500	.35143
#3	.41197	.07815	.18502	.06573	.56809	.53473	.03508	.34744

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	1.0220	.03598	.27713	.11365	.35955	1.1560	10.903
Stddev	.0036	.00026	.00130	.00007	.00037	.0031	.020
%RSD	.35114	.72697	.46994	.06568	.10166	.26589	.18167

#1	1.0214	.03571	.27582	.11373	.35997	1.1539	10.886
#2	1.0188	.03599	.27842	.11358	.35942	1.1595	10.925
#3	1.0259	.03623	.27714	.11363	.35928	1.1545	10.899

Sample Name: S2 Acquired: 05/18/2020 11:17:04 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1231.1	1468.4	39710.	8829.3	2339.1
Stddev	3.3	6.0	168.	47.2	2.8
%RSD	.26477	.40609	.42267	.53492	.12013
#1	1234.1	1466.0	39705.	8825.1	2338.1
#2	1227.6	1475.2	39544.	8784.3	2342.3
#3	1231.6	1464.0	39880.	8878.4	2337.0

Sample Name: S3 Acquired: 05/18/2020 11:20:58 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) 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	.07801	.10640	1.8965	.15860	.44682	5.8357	16.078	.79979
Stddev	.00024	.00020	.0008	.00063	.00195	.0065	.022	.00353
%RSD	.30540	.18976	.04461	.39581	.43746	.11153	.13807	.44183

#1	.07778	.10626	1.8965	.15828	.44675	5.8308	16.104	.80367
#2	.07826	.10663	1.8956	.15932	.44490	5.8333	16.069	.79894
#3	.07801	.10630	1.8973	.15819	.44881	5.8431	16.062	.79676

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.5154	5.3121	1.1365	1.0622	.94569	2.1641	2.8672	1.3193
Stddev	.0024	.0078	.0009	.0011	.00246	.0043	.0048	.0025
%RSD	.06788	.14757	.07720	.10720	.25997	.19782	.16790	.18989

#1	3.5134	5.3118	1.1359	1.0615	.94650	2.1628	2.8658	1.3188
#2	3.5147	5.3201	1.1362	1.0635	.94763	2.1689	2.8726	1.3220
#3	3.5180	5.3045	1.1375	1.0615	.94292	2.1606	2.8633	1.3171

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	.81654	.15640	.37110	.12801	1.1451	1.0307	.07285	.68563
Stddev	.00011	.00041	.00151	.00066	.0081	.0024	.00004	.00437
%RSD	.01382	.26234	.40695	.51410	.70753	.22853	.05194	.63713

#1	.81656	.15645	.37064	.12740	1.1444	1.0285	.07286	.68776
#2	.81642	.15679	.36987	.12871	1.1535	1.0305	.07280	.68852
#3	.81664	.15597	.37278	.12794	1.1374	1.0332	.07287	.68060

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	2.0405	.07344	.52899	.22776	.71026	2.3169	21.636
Stddev	.0030	.00045	.00202	.00023	.00055	.0046	.024
%RSD	.14596	.60820	.38157	.10065	.07792	.19722	.11316

#1	2.0372	.07396	.53038	.22802	.71006	2.3221	21.611
#2	2.0412	.07321	.52992	.22760	.71089	2.3149	21.660
#3	2.0430	.07316	.52668	.22766	.70984	2.3136	21.638

Sample Name: S3 Acquired: 05/18/2020 11:20:58 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1183.3	1414.1	38623.	8767.4	2226.6
Stddev	7.9	.4	93.	4.2	3.1
%RSD	.66470	.02549	.24043	.04830	.13862
#1	1181.4	1413.7	38730.	8764.6	2223.2
#2	1176.5	1414.1	38562.	8772.2	2229.2
#3	1191.9	1414.5	38577.	8765.3	2227.3

Sample Name: S4 Acquired: 05/18/2020 11:24:50 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) 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	.16206	.20986	3.8363	.31855	.92299	11.860	32.227	1.5707
Stddev	.00083	.00028	.0055	.00083	.00169	.047	.100	.0121
%RSD	.51330	.13435	.14418	.25942	.18314	.39757	.31170	.77316

#1	.16302	.20965	3.8393	.31951	.92268	11.809	32.341	1.5741
#2	.16154	.21018	3.8397	.31806	.92148	11.902	32.149	1.5808
#3	.16163	.20974	3.8299	.31809	.92482	11.869	32.193	1.5573

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.0015	10.563	2.2438	2.1389	1.8768	4.2451	5.6397	2.6649
Stddev	.0034	.040	.0016	.0023	.0049	.0293	.0254	.0116
%RSD	.04916	.38030	.07184	.10822	.26252	.68939	.45061	.43667

#1	7.0052	10.608	2.2422	2.1363	1.8746	4.2764	5.6682	2.6763
#2	7.0009	10.532	2.2454	2.1405	1.8825	4.2185	5.6194	2.6531
#3	6.9984	10.548	2.2437	2.1400	1.8734	4.2405	5.6313	2.6654

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	1.6455	.31871	.75376	.25368	2.3916	2.0593	.15104	1.3421
Stddev	.0014	.00165	.00467	.00142	.0204	.0044	.00017	.0093
%RSD	.08623	.51767	.61931	.56145	.85409	.21555	.11425	.69412

#1	1.6471	.31924	.75905	.25532	2.3804	2.0542	.15124	1.3434
#2	1.6446	.32002	.75024	.25272	2.4151	2.0620	.15095	1.3506
#3	1.6447	.31685	.75199	.25300	2.3791	2.0617	.15094	1.3322

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.1646	.14889	1.0191	.46286	1.4090	4.7156	42.573
Stddev	.0052	.00036	.0058	.00103	.0057	.0063	.391
%RSD	.12409	.24108	.57132	.22228	.40364	.13411	.91792

#1	4.1705	.14930	1.0212	.46311	1.4024	4.7228	42.609
#2	4.1611	.14874	1.0236	.46374	1.4118	4.7130	42.945
#3	4.1620	.14863	1.0125	.46173	1.4126	4.7109	42.165

Sample Name: S4 Acquired: 05/18/2020 11:24:50 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1110.3	1322.6	37500.	8711.2	2080.1
Stddev	10.6	2.5	199.	31.3	4.2
%RSD	.95678	.18665	.52936	.35923	.20388
#1	1105.7	1319.9	37438.	8701.8	2077.4
#2	1102.7	1323.2	37340.	8685.7	2078.0
#3	1122.4	1324.7	37722.	8746.1	2085.0

Sample Name: S5 Acquired: 05/18/2020 11:28:48 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) 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	.34167	.40540	7.6684	.64933	1.9549	24.002	63.665	3.0913
Stddev	.00049	.00150	.0187	.00059	.0022	.056	.512	.0119
%RSD	.14487	.36893	.24403	.09152	.11441	.23361	.80467	.38429

#1	.34110	.40570	7.6777	.64966	1.9530	24.056	63.671	3.1050
#2	.34190	.40672	7.6806	.64865	1.9574	23.944	64.175	3.0838
#3	.34200	.40378	7.6468	.64969	1.9544	24.005	63.150	3.0851

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	13.753	20.760	4.3336	4.2479	3.7343	8.1996	10.945	5.3207
Stddev	.031	.009	.0047	.0080	.0081	.0160	.016	.0087
%RSD	.22365	.04138	.10840	.18837	.21821	.19572	.14178	.16360

#1	13.769	20.752	4.3309	4.2555	3.7424	8.1825	10.928	5.3115
#2	13.772	20.769	4.3390	4.2487	3.7261	8.2144	10.959	5.3289
#3	13.718	20.760	4.3308	4.2395	3.7344	8.2018	10.949	5.3217

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	3.2563	.64647	1.5042	.49684	4.9662	4.1708	.30896	2.5812
Stddev	.0045	.00373	.0029	.00118	.1080	.0041	.00097	.0074
%RSD	.13707	.57676	.19050	.23711	2.1750	.09825	.31456	.28587

#1	3.2589	.64976	1.5021	.49598	5.0742	4.1756	.30884	2.5898
#2	3.2588	.64242	1.5074	.49818	4.8582	4.1681	.30998	2.5769
#3	3.2511	.64723	1.5029	.49636	4.9660	4.1688	.30805	2.5771

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	8.5961	.30225	1.9715	.92630	2.7937	9.6099	84.048
Stddev	.0103	.00128	.0056	.00387	.0098	.0105	.809
%RSD	.11958	.42188	.28543	.41768	.35053	.10954	.96284

#1	8.5844	.30339	1.9772	.92932	2.8017	9.6138	83.781
#2	8.6037	.30249	1.9659	.92764	2.7828	9.5979	84.957
#3	8.6002	.30087	1.9715	.92194	2.7965	9.6179	83.406

Sample Name: S5 Acquired: 05/18/2020 11:28:48 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1026.6	1192.3	36178.	8551.8	1914.3
Stddev	17.1	1.5	237.	36.0	3.7
%RSD	1.6609	.12566	.65487	.42095	.19395
#1	1007.7	1194.0	35922.	8516.4	1912.1
#2	1040.7	1191.2	36389.	8550.7	1912.3
#3	1031.5	1191.7	36224.	8588.4	1918.6

Sample Name: S6 Acquired: 05/18/2020 11:32:52 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	61.522	33.186	21.554	8.6937	4.0780
Stddev	.615	.331	.068	.0213	.0090
%RSD	1.0004	.99743	.31684	.24525	.22119

#1	62.229	33.250	21.630	8.7172	4.0882
#2	61.235	33.480	21.535	8.6885	4.0712
#3	61.103	32.828	21.498	8.6755	4.0745

Int. Std.	Y_3710
Units	Cts/S
Avg	8434.4
Stddev	91.0
%RSD	1.0788

#1	8362.3
#2	8404.2
#3	8536.6

Sample Name: ICV Acquired: 05/18/2020 12:11:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9048221	.9844867	.9505173	.9928602	.9335995	2.713681
Stddev	.0067678	.0013828	.0035303	.0073343	.0032413	.012247
%RSD	.7479651	.1404638	.3714141	.7387052	.3471817	.4513060

#1	.8973822	.9860682	.9504116	.9957070	.9298572	2.725302
#2	.9064712	.9835052	.9540992	.9983444	.9354251	2.700892
#3	.9106129	.9838866	.9470409	.9845293	.9355163	2.714850

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4940517	.4770657	.4877434	10.06388	.5198796	.4753818
Stddev	.0015894	.0031170	.0006474	.06295	.0033620	.0020401
%RSD	.3217151	.6533625	.1327246	.6255363	.6466897	.4291420

#1	.4944471	.4782335	.4870363	10.08631	.5164095	.4754345
#2	.4923019	.4735334	.4883069	9.99278	.5201075	.4773949
#3	.4954061	.4794301	.4878872	10.11254	.5231219	.4733158

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4727062	10.47320	.4908647	5.665439	.4978619	.2299520
Stddev	.0016487	.01958	.0016152	.035815	.0017155	.0017422
%RSD	.3487836	.1869997	.3290609	.6321583	.3445720	.7576389

#1	.4719046	10.45369	.4922073	5.631924	.4960340	.2279470
#2	.4716115	10.47306	.4890722	5.661217	.4994370	.2308131
#3	.4746024	10.49286	.4913146	5.703178	.4981146	.2310960

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.420141	.4792433	1.102087	9.182062	F -.003070	F .0057522
Stddev	.074756	.0058211	.005471	.035551	.003140	.0016041
%RSD	.7935720	1.214653	.4964497	.3871762	102.2598	27.88731

#1	9.361443	.4748632	1.096151	9.189554	-.002622	.0039037
#2	9.504302	.4770179	1.103180	9.143362	-.006410	.0067795
#3	9.394680	.4858489	1.106929	9.213269	-.000179	.0065733

Sample Name: ICV Acquired: 05/18/2020 12:11:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.000097	F -.005987	F .0002165	F .0014398	F -.000741	F -.003067
Stddev	.000203	.002055	.0006769	.0014423	.000667	.000727
%RSD	208.6528	34.32665	312.6284	100.1718	90.05113	23.71537

#1	-.000162	-.008030	.0009817	.0013625	-.000558	-.003571
#2	.000130	-.003920	-.000028	.0029192	-.001480	-.003396
#3	-.000259	-.006012	-.000304	.0000377	-.000184	-.002233

Elem	Sr4077
Units	ppm
Avg	F .0012418
Stddev	.0000106
%RSD	.8537124

#1	.0012396
#2	.0012325
#3	.0012533

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1255.729	1470.958	40944.45	9205.202	2425.414
Stddev	4.345	1.979	174.58	65.666	4.233
%RSD	.3459871	.1345315	.4263775	.7133627	.1745304

#1	1258.535	1468.712	41135.01	9212.013	2421.666
#2	1257.928	1471.715	40906.14	9267.198	2424.569
#3	1250.724	1472.446	40792.22	9136.395	2430.005

Sample Name: ICB Acquired: 05/18/2020 12:15:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015563	.0008762	-.000071	-.001572	.0005288	-.010963	-.001898
Stddev	.0029120	.0012593	.001986	.003165	.0022617	.004428	.000406
%RSD	187.1142	143.7129	2807.027	201.3647	427.7120	40.39051	21.40038

#1	.0003146	.0005631	-.001010	-.000102	.0001531	-.011418	-.002190
#2	.0048833	.0022625	-.001412	-.005205	-.001522	-.006325	-.002071
#3	-.000529	-.000197	.002210	.000591	.002955	-.015145	-.001434

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000081	.0000874	-.014667	.0007480	-.000538	.0010870	-.004597
Stddev	.000063	.0001136	.001915	.0004464	.000119	.0008291	.000558
%RSD	77.97551	130.0077	13.05384	59.67438	22.15073	76.27143	12.13939

#1	-.000014	.0000292	-.014446	.0012312	-.000616	.0002176	-.003970
#2	-.000089	.0002184	-.016682	.0006619	-.000401	.0011747	-.004784
#3	-.000138	.0000147	-.012872	.0003510	-.000598	.0018688	-.005038

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006764	-.014355	-.000022	.0007222	-.171086	-.001517	-.002945
Stddev	.0003425	.017729	.000268	.0001078	.159145	.002227	.002476
%RSD	50.64512	123.5015	1200.760	14.92640	93.02083	146.8592	84.08769

#1	.0007144	-.012534	-.000295	.0006269	-.001362	-.001360	-.005508
#2	.0003164	.002393	-.000014	.0008392	-.316960	-.003818	-.000566
#3	.0009983	-.032925	.000242	.0007006	-.194935	.000628	-.002760

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.276237	-.000626	-.003438	.0000053	-.005214	-.003522	.0012303
Stddev	.055549	.004942	.000891	.0002605	.006179	.000432	.0022678
%RSD	20.10906	789.9773	25.91246	4936.617	118.5182	12.27485	184.3371

#1	-.340291	-.002894	-.004250	-.000289	.001001	-.003961	-.001264
#2	-.241292	-.004026	-.002485	.000097	-.011357	-.003509	.001786
#3	-.247128	.005043	-.003580	.000208	-.005285	-.003097	.003169

Sample Name: ICB Acquired: 05/18/2020 12:15:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000243	-.001642	.0000364
Stddev	.001075	.000425	.0000402
%RSD	442.9073	25.89858	110.5993

#1	.000944	-.001862	.0000346
#2	-.001151	-.001152	.0000774
#3	-.000521	-.001912	-.000003

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1264.438	1473.920	41004.78	9040.508	2430.310
Stddev	1.679	4.270	64.25	26.826	2.505
%RSD	.1327546	.2896986	.1566977	.2967344	.1030605

#1	1265.594	1470.020	40939.32	9030.500	2433.069
#2	1262.513	1478.483	41007.24	9020.125	2429.680
#3	1265.207	1473.258	41067.76	9070.900	2428.180

Sample Name: ICSA Acquired: 05/18/2020 12:23:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002434	.0003121	-.009900	-.017330	-.000614	245.7915
Stddev	.004674	.0023979	.002749	.004989	.002323	.3014
%RSD	192.0033	768.3534	27.76749	28.78778	378.1047	.1226158

#1	-.006882	.0005118	-.012031	-.015267	.001349	245.4742
#2	-.002856	-.002179	-.010873	-.013703	-.003179	245.8263
#3	.002436	.002604	-.006797	-.023019	-.000013	246.0740

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045094	.0008566	.0010828	244.2657	.0514286	-.000533
Stddev	.0005601	.0000330	.0002038	.3970	.0003803	.000239
%RSD	12.42130	3.847376	18.81809	.1625409	.7394222	44.80820

#1	.0049624	.0008945	.0013167	244.1102	.0514756	-.000308
#2	.0046826	.0008347	.0009438	243.9700	.0517832	-.000508
#3	.0038831	.0008407	.0009879	244.7170	.0510270	-.000784

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004123	100.7708	.0124315	239.8219	.0009178	-.007362
Stddev	.001252	.1235	.0003065	.2259	.0005319	.000218
%RSD	30.36621	.1225676	2.465881	.0941965	57.95973	2.967706

#1	-.005079	100.9049	.0121860	239.9179	.0005566	-.007598
#2	-.004583	100.6616	.0123334	239.5639	.0006681	-.007322
#3	-.002706	100.7459	.0127750	239.9840	.0015286	-.007167

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.467233	.0005923	.0083346	-.755337	.0052268	.0756517
Stddev	.076551	.0015141	.0036198	.085842	.0056833	.0033074
%RSD	16.38395	255.6057	43.43072	11.36480	108.7329	4.371880

#1	-.466954	-.000725	.0044733	-.816461	.0022086	.0718930
#2	-.543923	.000256	.0088794	-.792353	.0016894	.0769455
#3	-.390822	.002246	.0116511	-.657196	.0117824	.0781167

Sample Name: ICSA Acquired: 05/18/2020 12:23:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000131	-.010739	-.007795	-.004438	-.002989	.0011169
Stddev	.000607	.002549	.001535	.001129	.000821	.0017472
%RSD	463.7290	23.74096	19.68777	25.44942	27.46431	156.4342

#1	-.000832	-.013418	-.009162	-.004861	-.003657	.0027074
#2	.000213	-.010455	-.008090	-.005295	-.002073	.0013964
#3	.000226	-.008343	-.006135	-.003158	-.003237	-.000753

Elem	Sr4077
Units	ppm
Avg	F .1008271
Stddev	.0000772
%RSD	.0765452

#1	.1008703
#2	.1008729
#3	.1007379

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1178.928	1375.838	38584.26	8984.355	2120.248
Stddev	3.671	5.548	140.64	8.545	5.824
%RSD	.3114063	.4032620	.3644943	.0951136	.2746698

#1	1178.596	1369.824	38576.12	8989.735	2113.531
#2	1175.434	1376.932	38447.87	8988.829	2123.329
#3	1182.754	1380.757	38728.79	8974.502	2123.884

Sample Name: ICSAB Acquired: 05/18/2020 12:33:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0902193	.0952605	.0401281	.0312043	.5618027	229.3082	.4907812
Stddev	.0085290	.0062475	.0014153	.0026891	.0026268	.2707	.0007902
%RSD	9.453608	6.558327	3.526995	8.617734	.4675737	.1180376	.1610158

#1	.0821575	.0918070	.0410095	.0283633	.5648259	229.6207	.4903231
#2	.0893514	.0915022	.0384955	.0337100	.5605039	229.1489	.4903268
#3	.0991491	.1024724	.0408792	.0315396	.5600783	229.1549	.4916937

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4571580	.9418419	228.5253	.5371724	.4649356	.4457650	94.33427
Stddev	.0028462	.0006753	.6012	.0003012	.0013223	.0018611	.41935
%RSD	.6225938	.0716984	.2630569	.0560784	.2844051	.4175147	.4445355

#1	.4538830	.9411316	227.8814	.5368710	.4635936	.4436299	93.98527
#2	.4585577	.9419184	228.6228	.5371726	.4662373	.4470444	94.21807
#3	.4590334	.9424757	229.0718	.5374735	.4649759	.4466207	94.79946

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4743038	223.4080	.9605780	.1818903	-.513014	.4624998	1.120241
Stddev	.0013787	.8200	.0021957	.0002024	.073110	.0024273	.002737
%RSD	.2906839	.3670197	.2285841	.1113026	14.25114	.5248175	.2443564

#1	.4732443	222.7564	.9580854	.1816756	-.428789	.4628441	1.120743
#2	.4738045	223.1388	.9622264	.1820778	-.560097	.4599188	1.117287
#3	.4758626	224.3287	.9614221	.1819175	-.550157	.4647366	1.122692

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.01472	.0046080	.0683041	.0001207	-.006931	-.006301	-.004131
Stddev	.01270	.0029336	.0006047	.0003051	.004294	.001698	.000679
%RSD	1.251091	63.66226	.8853566	252.8486	61.94797	26.95161	16.44761

#1	-1.02236	.0054987	.0676106	.0004520	-.003455	-.008163	-.004909
#2	-1.00007	.0069930	.0687214	.0000587	-.005608	-.005902	-.003653
#3	-1.02174	.0013323	.0685803	-.000149	-.011731	-.004838	-.003831

Sample Name: ICSAB Acquired: 05/18/2020 12:33:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003286	-.000896	.0945949
Stddev	.000762	.001555	.0001690
%RSD	23.18490	173.6567	.1786875

#1	-.002732	-.002438	.0947448
#2	-.002972	.000672	.0946282
#3	-.004155	-.000921	.0944117

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1170.655	1365.284	38299.76	8930.759	2116.254
Stddev	4.162	5.178	44.50	29.828	3.288
%RSD	.3554894	.3792433	.1161832	.3339932	.1553674

#1	1175.443	1359.457	38283.20	8961.078	2112.594
#2	1167.913	1369.355	38265.91	8901.447	2118.957
#3	1168.608	1367.041	38350.16	8929.751	2117.211

Sample Name: CCV081 Acquired: 05/18/2020 12:37:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV081 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.959241	4.866913	25.04493	4.848418	5.085912	415.9906	10.22638
Stddev	.015239	.010662	.01776	.026592	.011095	.9433	.01027
%RSD	.3072926	.2190735	.0708927	.5484688	.2181591	.2267485	.1004669

#1	4.941659	4.859980	25.06300	4.861779	5.095957	416.3154	10.23780
#2	4.968655	4.879190	25.02751	4.817795	5.074002	416.7285	10.22348
#3	4.967410	4.861569	25.04427	4.865680	5.087777	414.9278	10.21787

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4795489	2.457045	416.2711	15.27821	2.484339	15.23155	412.6771
Stddev	.0009798	.001532	.2943	.01321	.001964	.02174	.4589
%RSD	.2043095	.0623372	.0707046	.0864815	.0790507	.1427479	.1112083

#1	.4805009	2.455287	416.3200	15.26357	2.483536	15.25552	412.4118
#2	.4796022	2.457755	415.9554	15.28179	2.482905	15.21310	412.4125
#3	.4785435	2.458093	416.5379	15.28926	2.486578	15.22602	413.2070

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.63552	406.3546	2.544190	1.229047	404.2727	2.465070	15.41005
Stddev	.00841	.5310	.002354	.002282	1.0932	.005471	.12800
%RSD	.0574295	.1306759	.0925403	.1856975	.2704014	.2219415	.8306138

#1	14.63281	406.0419	2.544412	1.231682	404.6873	2.459412	15.44042
#2	14.62880	406.0542	2.541732	1.227714	403.0329	2.465465	15.52012
#3	14.64495	406.9677	2.546425	1.227745	405.0979	2.470333	15.26959

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	155.7479	5.165653	4.922986	4.926409	5.157350	4.724651	5.079360
Stddev	.3033	.013752	.022326	.006055	.010021	.016353	.010111
%RSD	.1947445	.2662288	.4535109	.1229070	.1942993	.3461267	.1990660

#1	155.5271	5.164416	4.941524	4.930532	5.161287	4.735705	5.072483
#2	156.0937	5.179982	4.929233	4.919457	5.145959	4.732382	5.074626
#3	155.6229	5.152560	4.898202	4.929237	5.164805	4.705866	5.090969

Sample Name: CCV081 Acquired: 05/18/2020 12:37:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV081 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.051223	5.113005	5.029080
Stddev	.002980	.008243	.031158
%RSD	.0589977	.1612241	.6195662

#1	5.047786	5.121699	4.999868
#2	5.052799	5.112014	5.061875
#3	5.053084	5.105301	5.025497

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1062.616	1217.465	36420.03	8677.213	1879.613
Stddev	8.424	1.594	20.83	12.793	1.476
%RSD	.7928005	.1309651	.0571890	.1474316	.0785533

#1	1056.644	1217.748	36398.23	8663.767	1880.437
#2	1058.951	1218.899	36422.16	8678.639	1880.493
#3	1072.252	1215.748	36439.72	8689.234	1877.908

Sample Name: CCB081 Acquired: 05/18/2020 12:43:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB081 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000494	.0058781	.0006924	-.001720	.0003974	-.001400	-.001766
Stddev	.001307	.0022967	.0017435	.001450	.0017519	.002604	.000416
%RSD	264.7104	39.07228	251.8107	84.32713	440.8424	185.9221	23.55511

#1	-.000119	.0085022	.0001315	-.003344	.0022571	.000315	-.002024
#2	-.001947	.0048988	.0026473	-.001263	-.001222	-.000120	-.001988
#3	.000585	.0042334	-.000702	-.000553	.000157	-.004396	-.001286

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000033	.0000497	-.008885	.0003431	-.000270	.0001633	-.001376
Stddev	.0000467	.0000725	.011795	.0003838	.000199	.0035186	.000318
%RSD	1414.675	145.8014	132.7473	111.8934	73.71938	2155.320	23.08009

#1	-.000044	-.000029	-.008336	.0007479	-.000045	.0042237	-.001633
#2	.000050	.000113	-.020945	.0002968	-.000423	-.001988	-.001021
#3	.000004	.000066	.002625	-.000016	-.000343	-.001746	-.001475

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005357	-.022503	.0004222	.0009888	-.280701	-.002067	.0021346
Stddev	.0004803	.010733	.0001368	.0001611	.185542	.000853	.0047724
%RSD	89.65479	47.69552	32.40997	16.29260	66.09947	41.25141	223.5721

#1	.0000153	-.014364	.0002983	.0010237	-.469308	-.002407	-.001270
#2	.0006298	-.018480	.0005691	.0011296	-.098384	-.001097	.000084
#3	.0009620	-.034667	.0003994	.0008131	-.274410	-.002697	.007590

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.192114	-.002651	.0029211	-.000008	-.009179	-.003872	.0017963
Stddev	.049112	.002675	.0002308	.000443	.000637	.001593	.0011903
%RSD	25.56384	100.8976	7.900818	5410.265	6.943469	41.13306	66.26613

#1	-.176965	-.002961	.0031842	-.000417	-.009912	-.005704	.0004767
#2	-.247016	-.005158	.0028260	-.000071	-.008870	-.002819	.0027891
#3	-.152362	.000165	.0027530	.000463	-.008755	-.003092	.0021230

Sample Name: CCB081 Acquired: 05/18/2020 12:43:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB081 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001886	-.001791	.0000078
Stddev	.0008703	.000746	.0000521
%RSD	461.3886	41.68237	671.7244

#1	.0004434	-.001380	-.000030
#2	-.000781	-.002653	.000067
#3	.000903	-.001340	-.000013

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1242.588	1460.976	40654.02	9025.125	2408.708
Stddev	7.353	2.523	204.44	23.017	2.325
%RSD	.5917565	.1726890	.5028752	.2550378	.0965169

#1	1236.480	1462.406	40448.07	9038.050	2406.611
#2	1240.533	1462.458	40856.91	9038.775	2411.208
#3	1250.749	1458.062	40657.07	8998.550	2408.306

Sample Name: L2651-05DLX2 Acquired: 05/18/2020 12:48:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0KP3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2064411	.0009775	.2615503	-.015436	.0046745	27.58154	.7384971
Stddev	.0062685	.0019335	.0013892	.002900	.0016194	.12935	.0014483
%RSD	3.036444	197.7967	.5311482	18.78674	34.64318	.4689587	.1961129

#1	.2041246	.0030183	.2631374	-.015350	.0060113	27.45758	.7369894
#2	.2016605	-.000827	.2605549	-.012581	.0028738	27.57135	.7398776
#3	.2135381	.000741	.2609586	-.018379	.0051384	27.71567	.7386241

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020571	.0076921	15.09100	.0201473	.0273763	.3045682	59.53272
Stddev	.0000225	.0001404	.07671	.0004715	.0002471	.0028033	.28313
%RSD	1.094376	1.824764	.5083138	2.340443	.9027577	.9204119	.4755790

#1	.0020412	.0075306	15.02628	.0206644	.0275939	.3069965	59.35437
#2	.0020472	.0077613	15.17573	.0200366	.0271076	.3015004	59.85918
#3	.0020829	.0077844	15.07100	.0197410	.0274275	.3052077	59.38462

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.09393	10.97028	.0248595	.0199327	.0493635	.1286513	.5333227
Stddev	.08804	.09617	.0005016	.0002673	.0197009	.0044210	.0055535
%RSD	.4173579	.8766533	2.017780	1.340882	39.90979	3.436432	1.041306

#1	21.03540	10.94917	.0247074	.0198869	.0599348	.1263200	.5364924
#2	21.19518	11.07525	.0254195	.0196913	.0615224	.1337501	.5269101
#3	21.05121	10.88642	.0244515	.0202199	.0266334	.1258839	.5365654

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.802258	2.093146	.0536681	.0188705	.8902503	1.222644	.0113576
Stddev	.113484	.003837	.0005499	.0001008	.0040004	.007226	.0003445
%RSD	1.289260	.1833338	1.024634	.5342288	.4493572	.5910541	3.032886

#1	8.671221	2.095457	.0534221	.0189867	.8927209	1.214330	.0116620
#2	8.867084	2.088716	.0542980	.0188068	.8856349	1.226180	.0109837
#3	8.868470	2.095264	.0532841	.0188179	.8923952	1.227421	.0114272

Sample Name: L2651-05DLX2 Acquired: 05/18/2020 12:48:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0KP3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.511163	.0393850	.1728477
Stddev	.005548	.0007083	.0002124
%RSD	.3671586	1.798536	.1229044

#1	1.505483	.0395054	.1727441
#2	1.511436	.0386241	.1730920
#3	1.516570	.0400254	.1727069

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1359.896	1586.968	44628.41	10016.68	2390.571
Stddev	7.735	3.897	106.05	49.15	3.851
%RSD	.5687861	.2455876	.2376240	.4907051	.1611115

#1	1351.111	1582.535	44513.85	10050.78	2386.520
#2	1365.684	1589.857	44648.24	9960.34	2394.186
#3	1362.894	1588.511	44723.15	10038.93	2391.006

Sample Name: L2651-06DLX5 Acquired: 05/18/2020 12:52:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0KP4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1460785	.0007463	.2684492	-.009311	.0020377	14.67126	.4011347
Stddev	.0043089	.0005813	.0027077	.003944	.0011348	.04121	.0012521
%RSD	2.949742	77.88944	1.008631	42.36342	55.68963	.2808973	.3121376

#1	.1510462	.0010127	.2653974	-.011289	.0019899	14.64486	.3999135
#2	.1433527	.0000795	.2693863	-.011875	.0031957	14.71875	.4024155
#3	.1438366	.0011466	.2705637	-.004769	.0009276	14.65018	.4010751

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006735	.0059752	10.73794	.0081240	.0297278	.3134978	36.16803
Stddev	.0000658	.0000628	.05090	.0005023	.0003578	.0015358	.12324
%RSD	9.764173	1.050859	.4740489	6.182991	1.203610	.4898761	.3407434

#1	.0007423	.0059175	10.67920	.0076021	.0295987	.3118697	36.03232
#2	.0006670	.0059661	10.76558	.0081657	.0294525	.3149205	36.19879
#3	.0006112	.0060421	10.76905	.0086041	.0301322	.3137031	36.27298

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.26607	6.543195	.0186628	.0073392	-.129156	.0844136	1.068232
Stddev	.04386	.025572	.0004932	.0004232	.163299	.0002135	.011011
%RSD	.2873350	.3908130	2.642842	5.765890	126.4356	.2529320	1.030739

#1	15.21557	6.568064	.0187439	.0072745	.045169	.0842927	1.077719
#2	15.29474	6.516974	.0191104	.0077909	-.278565	.0842880	1.056158
#3	15.28790	6.544546	.0181340	.0069520	-.154072	.0846601	1.070819

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.124028	1.219718	.0314607	.0322359	1.048786	1.052391	.0063149
Stddev	.035184	.002800	.0005470	.0004123	.003004	.004702	.0015306
%RSD	.8531441	.2295453	1.738662	1.279022	.2864505	.4467700	24.23829

#1	4.094384	1.219631	.0311081	.0322370	1.051855	1.047001	.0076285
#2	4.114791	1.222561	.0320908	.0326476	1.045851	1.055650	.0046340
#3	4.162909	1.216963	.0311831	.0318230	1.048651	1.054523	.0066821

Sample Name: L2651-06DLX5 Acquired: 05/18/2020 12:52:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0KP4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8300973	.0156982	.0936711
Stddev	.0038939	.0011405	.0002288
%RSD	.4690905	7.265437	.2443015

#1	.8299043	.0147421	.0934139
#2	.8340841	.0153917	.0938522
#3	.8263034	.0169606	.0937471

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1296.797	1518.353	42319.48	9515.099	2410.619
Stddev	7.319	1.642	130.86	33.415	3.365
%RSD	.5644037	.1081690	.3092277	.3511766	.1396040

#1	1290.935	1517.513	42175.49	9550.040	2406.847
#2	1305.000	1517.301	42431.17	9483.455	2413.315
#3	1294.456	1520.246	42351.77	9511.801	2411.694

Sample Name: L2651-09DLX2 Acquired: 05/18/2020 13:00:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0KP7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1578900	-.001344	.2129916	-.019304	.0010078	30.51479	.5305769
Stddev	.0040150	.004211	.0010782	.007949	.0005787	.07030	.0017752
%RSD	2.542936	313.3732	.5062245	41.17522	57.42766	.2303818	.3345832

#1	.1571198	-.003817	.2118771	-.028235	.0006495	30.44753	.5325322
#2	.1622343	-.003732	.2140294	-.016671	.0016754	30.58778	.5290663
#3	.1543158	.003518	.2130684	-.013006	.0006984	30.50906	.5301323

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015335	.0060050	16.27956	.0147771	.0866993	.5746303	97.27102
Stddev	.0000616	.0000048	.04192	.0005781	.0003024	.0019690	.27420
%RSD	4.013979	.0791270	.2574767	3.912281	.3487886	.3426475	.2818907

#1	.0014632	.0060069	16.26438	.0150182	.0864782	.5725570	97.38817
#2	.0015594	.0059996	16.24736	.0151957	.0865758	.5748589	96.95770
#3	.0015778	.0060085	16.32696	.0141175	.0870439	.5764750	97.46718

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.74702	20.58157	.0500537	.0077577	.0168426	.1827773	3.275819
Stddev	.05071	.01881	.0003167	.0002815	.1064562	.0035051	.044073
%RSD	.2135311	.0913702	.6327830	3.629168	632.0641	1.917684	1.345413

#1	23.74678	20.57443	.0498306	.0079718	-.043658	.1794964	3.236600
#2	23.69644	20.56737	.0499144	.0078625	.139763	.1823653	3.323516
#3	23.79785	20.60290	.0504162	.0074388	-.045577	.1864702	3.267342

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.43534	2.432550	.0784282	.0194554	1.343184	1.250862	.0113975
Stddev	.00668	.008816	.0002808	.0004355	.011172	.005827	.0006978
%RSD	.0462994	.3624219	.3580514	2.238396	.8317871	.4658081	6.122087

#1	14.43135	2.434449	.0781788	.0199224	1.339505	1.245744	.0121829
#2	14.43162	2.422940	.0783734	.0193833	1.334315	1.249638	.0111606
#3	14.44306	2.440262	.0787324	.0190605	1.355732	1.257203	.0108490

Sample Name: L2651-09DLX2 Acquired: 05/18/2020 13:00:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0KP7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.350010	.0454016	.1050724
Stddev	.013868	.0017600	.0001888
%RSD	.3187969	3.876493	.1796950

#1	4.338180	.0456099	.1049976
#2	4.365271	.0470482	.1049325
#3	4.346579	.0435468	.1052871

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1324.019	1548.682	43412.59	9845.849	2375.149
Stddev	11.488	1.219	157.82	27.827	.457
%RSD	.8676613	.0787234	.3635417	.2826313	.0192348

#1	1332.652	1547.850	43455.71	9855.600	2374.628
#2	1310.980	1548.116	43237.69	9867.488	2375.480
#3	1328.425	1550.082	43544.38	9814.458	2375.339

Sample Name: L2652-02DLX2 Acquired: 05/18/2020 13:04:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0KR0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1172818	-.001858	1.502541	-.007598	.0004598	26.10400	.3348988
Stddev	.0041042	.004716	.004910	.001717	.0024436	.07148	.0022544
%RSD	3.499452	253.7566	.3268075	22.59980	531.3839	.2738174	.6731474

#1	.1126166	-.006179	1.496902	-.008860	.0005531	26.03346	.3342512
#2	.1188923	-.002569	1.504850	-.005642	.0028555	26.10216	.3374062
#3	.1203365	.003172	1.505872	-.008290	-.002029	26.17638	.3330392

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018312	.0173350	230.0517	.0182422	.0114611	6.329331	32.97277
Stddev	.0000374	.0001575	.4900	.0004591	.0006021	.012064	.11782
%RSD	2.039900	.9088045	.2129998	2.516712	5.253812	.1906097	.3573210

#1	.0017938	.0171758	229.9850	.0182499	.0108781	6.317857	33.01333
#2	.0018313	.0174908	230.5717	.0186974	.0114244	6.328225	33.06495
#3	.0018685	.0173383	229.5985	.0177793	.0120807	6.341909	32.84003

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.77244	10.00050	.0270001	.0284362	1.284285	.0595462	10.90329
Stddev	.04092	.05707	.0001508	.0000948	.223489	.0006339	.07301
%RSD	.2769852	.5706753	.5586788	.3334522	17.40185	1.064600	.6696096

#1	14.77690	10.05081	.0271741	.0284859	1.438677	.0599992	10.83037
#2	14.81095	10.01222	.0269197	.0283268	1.028009	.0588218	10.90312
#3	14.72948	9.93848	.0269065	.0284958	1.386170	.0598177	10.97639

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.120205	1.357690	.0356515	.0092303	7.017491	2.515474	.0012370
Stddev	.065662	.006169	.0006250	.0002271	.006344	.009377	.0006876
%RSD	1.282406	.4544102	1.753187	2.460455	.0904041	.3727564	55.58449

#1	5.070579	1.360749	.0360514	.0091721	7.019716	2.504647	.0006125
#2	5.095375	1.361733	.0359719	.0090379	7.022423	2.520862	.0019738
#3	5.194661	1.350589	.0349312	.0094808	7.010334	2.520913	.0011246

Sample Name: L2652-02DLX2 Acquired: 05/18/2020 13:04:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0KR0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8304129	.0431421	1.427588
Stddev	.0046893	.0006980	.001827
%RSD	.5646957	1.617985	.1279599

#1	.8253050	.0439451	1.428000
#2	.8314107	.0428009	1.429175
#3	.8345230	.0426803	1.425591

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1246.520	1465.641	41191.89	9486.859	2270.148
Stddev	1.778	2.227	106.44	13.049	3.087
%RSD	.1426480	.1519575	.2583979	.1375457	.1359996

#1	1247.709	1463.439	41073.13	9497.877	2266.783
#2	1247.376	1467.892	41223.83	9472.449	2270.812
#3	1244.476	1465.593	41278.69	9490.250	2272.850

Sample Name: L2651-20A Acquired: 05/18/2020 13:13:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0KQ8A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0562281	.0030084	.0504057	.0740354	-.000043	44.92179	.7586471
Stddev	.0112367	.0009271	.0025513	.0024023	.000946	.02780	.0021378
%RSD	19.98410	30.81810	5.061567	3.244743	2224.595	.0618815	.2817930

#1	.0489243	.0038476	.0529711	.0747256	-.000153	44.93096	.7589663
#2	.0505927	.0031644	.0503772	.0760169	-.000928	44.94385	.7563677
#3	.0691673	.0020132	.0478687	.0713635	.000954	44.89057	.7606074

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019309	.0019146	17.85553	.0298960	.0477042	.1442859	115.2396
Stddev	.0000514	.0000680	.05103	.0007654	.0001892	.0040291	.2984
%RSD	2.662436	3.553884	.2857700	2.560308	.3967103	2.792416	.2589630

#1	.0019105	.0019930	17.85189	.0296812	.0479164	.1403979	115.1702
#2	.0018929	.0018792	17.80642	.0307459	.0475529	.1484426	114.9820
#3	.0019894	.0018715	17.90828	.0292610	.0476435	.1440173	115.5666

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.145627	29.68070	.0380721	-.008289	.0041625	.2342852	.4064722
Stddev	.008494	.08709	.0002134	.000232	.2402055	.0012901	.0031165
%RSD	.2048804	.2934299	.5604225	2.798593	5770.704	.5506675	.7667092

#1	4.150657	29.61721	.0378355	-.008098	.1339403	.2328125	.4035602
#2	4.135820	29.64491	.0381311	-.008547	.1515634	.2352157	.4060974
#3	4.150403	29.77999	.0382498	-.008222	-.273016	.2348275	.4097592

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.06634	4.261295	.0943417	.0021780	3.334105	3.443948	.0205800
Stddev	.08191	.005242	.0020485	.0002507	.013447	.005835	.0008788
%RSD	.3403561	.1230228	2.171351	11.50972	.4033041	.1694231	4.270262

#1	24.10203	4.255939	.0936519	.0020090	3.327905	3.450641	.0198159
#2	23.97264	4.266416	.0927271	.0020591	3.324877	3.439934	.0203837
#3	24.12435	4.261531	.0966461	.0024661	3.349533	3.441267	.0215403

Sample Name: L2651-20A Acquired: 05/18/2020 13:13:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0KQ8A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.712957	.1040324	.1212576
Stddev	.012762	.0009800	.0001378
%RSD	.1464732	.9420527	.1136733

#1	8.712850	.1037185	.1213906
#2	8.725772	.1051309	.1211154
#3	8.700249	.1032478	.1212669

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1293.667	1505.826	42299.58	9621.951	2371.654
Stddev	2.867	4.525	69.63	33.734	3.706
%RSD	.2215858	.3004929	.1646179	.3505910	.1562474

#1	1293.601	1501.149	42335.08	9583.583	2370.197
#2	1296.566	1510.181	42219.36	9635.315	2375.867
#3	1290.834	1506.148	42344.31	9646.956	2368.899

Sample Name: L2659-04A Acquired: 05/18/2020 13:21:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB7C3A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0331619	.0543230	.0316200	-.011444	.0001803	62.27885	.1319269
Stddev	.0037716	.0033808	.0021728	.002799	.0007386	.32421	.0009621
%RSD	11.37338	6.223472	6.871506	24.45915	409.6639	.5205715	.7292990

#1	.0362875	.0570299	.0324027	-.010083	-.000113	62.02994	.1326487
#2	.0342255	.0554055	.0291643	-.009585	-.000367	62.64547	.1322974
#3	.0289727	.0505336	.0332929	-.014663	.001020	62.16114	.1308346

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024311	.0004046	2.159171	.0842488	.0061336	.0205787	60.41835
Stddev	.0000800	.0000382	.015507	.0007615	.0001281	.0023036	.17087
%RSD	3.292851	9.444750	.7181711	.9039047	2.088370	11.19394	.2828178

#1	.0025177	.0004405	2.176208	.0849611	.0060752	.0190202	60.33200
#2	.0023598	.0004089	2.155420	.0843393	.0062804	.0232247	60.30790
#3	.0024156	.0003644	2.145883	.0834461	.0060450	.0194911	60.61517

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0707381	.8710937	.0243453	-.003567	-.258046	.1672229	.0449918
Stddev	.0001615	.0306989	.0007046	.000313	.085022	.0018427	.0049642
%RSD	.2283220	3.524185	2.894091	8.760435	32.94837	1.101959	11.03367

#1	.0709211	.8386195	.0249637	-.003277	-.287937	.1651114	.0411834
#2	.0706155	.8750224	.0244939	-.003527	-.162115	.1680510	.0431858
#3	.0706775	.8996392	.0235783	-.003898	-.324086	.1685064	.0506063

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.406144	.7685460	.0464383	.0025158	.2990047	1.784183	.0130232
Stddev	.059192	.0087405	.0011278	.0001370	.0067189	.012564	.0005710
%RSD	14.57414	1.137272	2.428533	5.447040	2.247085	.7041628	4.384174

#1	-.352112	.7731430	.0461279	.0024640	.3066252	1.770125	.0123776
#2	-.469410	.7584664	.0454982	.0026712	.2939336	1.794314	.0134618
#3	-.396909	.7740288	.0476887	.0024122	.2964554	1.788110	.0132301

Sample Name: L2659-04A Acquired: 05/18/2020 13:21:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MCB7C3A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5034334	-.000300	.0147238
Stddev	.0043480	.000739	.0000773
%RSD	.8636618	246.1027	.5247994

#1	.4994581	-.000442	.0147193
#2	.5080767	-.000958	.0146489
#3	.5027656	.000499	.0148032

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1337.639	1567.271	43684.63	9868.944	2424.978
Stddev	8.847	.593	170.35	39.312	3.657
%RSD	.6614172	.0378166	.3899631	.3983362	.1507894

#1	1347.848	1567.103	43880.56	9892.693	2422.659
#2	1332.193	1566.781	43571.46	9823.568	2429.193
#3	1332.877	1567.930	43601.88	9890.572	2423.083

Sample Name: L2651-06DLREX5 Acquired: 05/18/2020 13:25:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0KP4 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1383468	.0027931	.2605630	-.006535	.0027676	14.21574	.3891446
Stddev	.0011914	.0018613	.0013059	.001801	.0005361	.01440	.0006770
%RSD	.8611760	66.63846	.5011856	27.56177	19.37224	.1012895	.1739602

#1	.1392307	.0049423	.2618543	-.007804	.0022546	14.19929	.3885313
#2	.1369919	.0017295	.2605917	-.007328	.0033242	14.22187	.3890316
#3	.1388179	.0017075	.2592430	-.004474	.0027239	14.22606	.3898710

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006733	.0057818	10.43511	.0080561	.0292239	.3042458	35.18429
Stddev	.0000666	.0000452	.05951	.0003551	.0001371	.0031205	.24439
%RSD	9.883217	.7820038	.5702829	4.408271	.4690715	1.025639	.6945977

#1	.0006015	.0058204	10.40267	.0084246	.0290748	.3017188	34.96598
#2	.0007329	.0057320	10.39886	.0080275	.0292527	.3077337	35.13858
#3	.0006856	.0057929	10.50379	.0077161	.0293444	.3032850	35.44831

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.82415	6.347955	.0177764	.0073702	.0227079	.0830952	1.038559
Stddev	.07445	.073581	.0002334	.0004752	.0278185	.0022760	.011732
%RSD	.5022075	1.159129	1.312948	6.447208	122.5054	2.739072	1.129687

#1	14.76899	6.326648	.0180418	.0073435	.0324585	.0834721	1.048425
#2	14.79463	6.287378	.0176031	.0078582	-.008673	.0806542	1.025586
#3	14.90883	6.429838	.0176843	.0069090	.044339	.0851592	1.041665

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.903389	1.190263	.0276420	.0308840	1.027217	1.129027	.0032539
Stddev	.082113	.003301	.0011520	.0004525	.007254	.002643	.0009774
%RSD	2.103645	.2773092	4.167584	1.465151	.7061546	.2340648	30.03749

#1	3.944761	1.194054	.0285772	.0310348	1.033913	1.132006	.0043650
#2	3.808819	1.188707	.0263552	.0312418	1.028228	1.128110	.0025270
#3	3.956587	1.188028	.0279935	.0303753	1.019511	1.126965	.0028697

Sample Name: L2651-06DLREX5 Acquired: 05/18/2020 13:25:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0KP4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8051895	.0138527	.0908303
Stddev	.0016563	.0010024	.0001508
%RSD	.2057019	7.236353	.1660669

#1	.8036788	.0129084	.0910019
#2	.8049292	.0137450	.0907185
#3	.8069605	.0149046	.0907705

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1300.652	1518.239	42531.11	9567.735	2416.358
Stddev	5.283	1.449	78.14	30.139	5.980
%RSD	.4061952	.0954524	.1837227	.3150056	.2474652

#1	1305.137	1517.637	42489.82	9600.329	2410.927
#2	1301.992	1517.189	42621.23	9562.000	2415.382
#3	1294.828	1519.892	42482.28	9540.876	2422.766

Sample Name: L2651-07DLX2 Acquired: 05/18/2020 13:29:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0KP5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5463353	.0011339	1.508205	-.021392	.0022318	46.46596	.7873800
Stddev	.0070312	.0016026	.004179	.002495	.0012492	.13933	.0019685
%RSD	1.286974	141.3371	.2770612	11.66368	55.97438	.2998590	.2500004

#1	.5470343	.0015805	1.503697	-.019230	.0010674	46.30511	.7894217
#2	.5389807	.0024657	1.511949	-.024123	.0020768	46.54368	.7854940
#3	.5529909	-.000645	1.508969	-.020824	.0035514	46.54910	.7872243

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038889	.0109992	34.37686	.0196286	.0561840	.6849340	109.5317
Stddev	.0000781	.0002221	.11829	.0006955	.0004754	.0034707	.3695
%RSD	2.007526	2.019341	.3441023	3.543543	.8462191	.5067155	.3373158

#1	.0037988	.0107466	34.45337	.0198430	.0566102	.6815312	109.7184
#2	.0039373	.0110870	34.24061	.0188511	.0562705	.6848021	109.1061
#3	.0039305	.0111639	34.43661	.0201917	.0556712	.6884688	109.7705

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.83088	16.39934	.0523250	.0224486	-.049264	.1561962	4.865389
Stddev	.05401	.05578	.0003039	.0001961	.149302	.0020167	.067953
%RSD	.2090901	.3401379	.5807700	.8736540	303.0656	1.291129	1.396660

#1	25.85455	16.42415	.0526063	.0224701	.121070	.1540942	4.806121
#2	25.76908	16.33546	.0520027	.0226331	-.157470	.1581151	4.939555
#3	25.86902	16.43840	.0523660	.0222426	-.111392	.1563792	4.850492

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.59217	2.644336	.0930007	.0268639	2.767965	1.747573	.0106146
Stddev	.02330	.004130	.0020549	.0004071	.010059	.014623	.0009626
%RSD	.2009860	.1561640	2.209525	1.515449	.3634175	.8367546	9.068259

#1	11.56676	2.639577	.0953709	.0273198	2.779531	1.732990	.0100577
#2	11.61252	2.646450	.0919110	.0265367	2.763114	1.762236	.0117261
#3	11.59725	2.646980	.0917202	.0267352	2.761251	1.747492	.0100601

Sample Name: L2651-07DLX2 Acquired: 05/18/2020 13:29:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0KP5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.212102	.0431416	.1908302
Stddev	.001055	.0004577	.0005260
%RSD	.0870216	1.060954	.2756416

#1	1.210986	.0433929	.1904920
#2	1.212237	.0434187	.1905623
#3	1.213082	.0426133	.1914362

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1354.477	1589.612	44573.62	10136.68	2355.384
Stddev	9.009	2.043	78.74	5.69	2.504
%RSD	.6651135	.1284911	.1766626	.0561452	.1063167

#1	1364.043	1587.377	44607.63	10140.40	2352.800
#2	1346.154	1591.382	44483.58	10130.13	2355.554
#3	1353.235	1590.077	44629.64	10139.50	2357.799

Sample Name: L2652-03A Acquired: 05/18/2020 13:33:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0KR1A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3897087	-.000820	2.987604	.0611077	.0036629	81.45864	1.243368
Stddev	.0113278	.005120	.009036	.0063453	.0046502	.33332	.004042
%RSD	2.906739	624.1679	.3024389	10.38378	126.9531	.4091884	.3250905

#1	.4025392	-.000690	2.983437	.0537925	.0072344	81.29015	1.247179
#2	.3854968	-.006005	2.981404	.0651244	-.001595	81.84257	1.243795
#3	.3810902	.004234	2.997972	.0644061	.005350	81.24321	1.239129

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060270	.0282288	70.88895	.0977845	.0472121	4.625487	115.6970
Stddev	.0001046	.0000560	.16712	.0003699	.0002594	.003625	.4177
%RSD	1.735182	.1983950	.2357531	.3782922	.5494593	.0783610	.3610266

#1	.0059920	.0282932	71.05115	.0979702	.0474822	4.621515	116.0562
#2	.0059445	.0282016	70.71731	.0973585	.0471893	4.628615	115.2386
#3	.0061446	.0281916	70.89840	.0980247	.0469649	4.626330	115.7960

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.604900	38.08460	.0858658	.0181377	2.500628	.2121279	6.410849
Stddev	.017246	.11925	.0001648	.0004239	.119388	.0029132	.114099
%RSD	.2267746	.3131271	.1919284	2.337072	4.774337	1.373309	1.779776

#1	7.620086	38.11239	.0860148	.0180199	2.489252	.2130496	6.400955
#2	7.586151	37.95390	.0856888	.0177852	2.387334	.2088653	6.529573
#3	7.608463	38.18750	.0858937	.0186080	2.625297	.2144687	6.302020

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.76376	5.487029	.1466690	.0161704	25.22192	5.120886	.0253375
Stddev	.08166	.023701	.0018726	.0002392	.10770	.012314	.0016213
%RSD	.3051270	.4319504	1.276777	1.478922	.4270082	.2404665	6.398939

#1	26.74490	5.507417	.1485271	.0163976	25.23031	5.123917	.0266977
#2	26.85321	5.461024	.1466977	.0161928	25.11027	5.107339	.0235434
#3	26.69319	5.492646	.1447822	.0159209	25.32518	5.131401	.0257713

Sample Name: L2652-03A Acquired: 05/18/2020 13:33:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0KR1A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.180775	.1656722	.8130203
Stddev	.017638	.0011060	.0011134
%RSD	.4218853	.6675872	.1369478

#1	4.168276	.1645923	.8117603
#2	4.200950	.1668025	.8134288
#3	4.173099	.1656217	.8138717

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1364.918	1604.572	45289.38	10431.31	2315.428
Stddev	14.096	2.114	286.09	36.41	3.072
%RSD	1.032704	.1317726	.6316849	.3490192	.1326888

#1	1362.578	1602.871	45307.09	10402.16	2314.958
#2	1352.139	1603.907	44994.85	10472.12	2318.708
#3	1380.037	1606.940	45566.20	10419.65	2312.617

Sample Name: CCV082 Acquired: 05/18/2020 13:37:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV082 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.890053	4.803723	24.67271	4.810836	5.028788	407.9806	10.06972
Stddev	.007862	.008618	.02520	.013343	.011019	.6872	.01067
%RSD	.1607848	.1793969	.1021476	.2773517	.2191252	.1684387	.1059487

#1	4.892632	4.811800	24.68153	4.807344	5.016492	407.2728	10.06450
#2	4.896302	4.804718	24.64428	4.825577	5.032099	408.0237	10.06266
#3	4.881225	4.794651	24.69232	4.799586	5.037772	408.6452	10.08199

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4700462	2.424719	409.0803	15.03236	2.452215	14.98003	406.3630
Stddev	.0032185	.004197	1.4234	.01616	.004839	.01048	1.4690
%RSD	.6847250	.1730832	.3479520	.1074952	.1973469	.0699695	.3614959

#1	.4722935	2.426138	409.3637	15.04195	2.454407	14.97479	406.7612
#2	.4663591	2.419996	407.5366	15.01371	2.446668	14.97320	404.7360
#3	.4714859	2.428021	410.3408	15.04143	2.455571	14.99209	407.5918

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.41887	399.7792	2.510714	1.217264	399.8954	2.418303	15.43415
Stddev	.05404	1.8039	.001720	.005978	1.9493	.003713	.08602
%RSD	.3747642	.4512159	.0685242	.4911139	.4874625	.1535225	.5573384

#1	14.44849	399.9230	2.510951	1.216340	400.2924	2.419660	15.37367
#2	14.35650	397.9078	2.508887	1.211802	397.7782	2.421146	15.39615
#3	14.45162	401.5069	2.512303	1.223651	401.6158	2.414102	15.53262

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.9711	5.120286	4.819620	4.865194	5.094730	4.641034	4.993493
Stddev	.3271	.000779	.033837	.001359	.016689	.024976	.011346
%RSD	.2138103	.0152093	.7020746	.0279367	.3275705	.5381606	.2272200

#1	153.0270	5.121033	4.841610	4.866232	5.099797	4.653539	4.991234
#2	152.6197	5.119479	4.780656	4.865694	5.108298	4.612275	4.983447
#3	153.2666	5.120347	4.836595	4.863656	5.076095	4.657286	5.005799

Sample Name: CCV082 Acquired: 05/18/2020 13:37:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV082 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.971146	5.033934	4.940653
Stddev	.005206	.011621	.029215
%RSD	.1047203	.2308438	.5913102

#1	4.965431	5.034554	4.970598
#2	4.972392	5.022016	4.912228
#3	4.975616	5.045232	4.939134

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1056.398	1223.068	36403.88	8779.318	1887.725
Stddev	6.463	1.477	200.25	50.991	3.889
%RSD	.6118134	.1207663	.5500703	.5808058	.2059888

#1	1053.903	1221.437	36351.77	8736.703	1884.613
#2	1063.737	1224.315	36625.03	8835.811	1892.084
#3	1051.554	1223.452	36234.83	8765.441	1886.479

Sample Name: CCB082 Acquired: 05/18/2020 13:41:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB082 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016530	.0020405	-.000095	-.002126	.0003283	-.000438	-.001808
Stddev	.0038849	.0048630	.000807	.002796	.0015742	.007744	.000163
%RSD	235.0160	238.3256	853.7325	131.5200	479.5393	1766.217	9.013724

#1	-.002757	.0059581	-.000565	-.003001	.0021093	.008502	-.001655
#2	.004571	.0035656	-.000556	.001003	-.000877	-.005048	-.001789
#3	.003145	-.003402	.000838	-.004380	-.000247	-.004770	-.001979

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000031	.0000483	.0030784	.0005991	-.000226	.0005445	.0080508
Stddev	.000034	.0000138	.0213261	.0004206	.000078	.0007832	.0090568
%RSD	107.8464	28.56318	692.7566	70.20148	34.64383	143.8280	112.4964

#1	-.000065	.0000325	.0263536	.0005286	-.000186	-.000341	.0107899
#2	.000002	.0000545	-.015524	.0010504	-.000175	.000830	.0154218
#3	-.000030	.0000578	-.001595	.0002182	-.000316	.001145	-.002059

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006849	-.005690	-.000122	.0007753	-.221286	-.001349	.0039932
Stddev	.0005217	.026420	.000393	.0002702	.061903	.002019	.0008760
%RSD	76.16973	464.3206	322.2960	34.85380	27.97419	149.7017	21.93682

#1	.0007537	-.005356	.000214	.0008427	-.204940	-.002676	.0041678
#2	.0011687	-.032275	-.000026	.0004778	-.169197	-.002346	.0030431
#3	.0001322	.020561	-.000555	.0010055	-.289722	.000975	.0047688

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.246188	-.000936	.0074118	.0006608	-.007633	-.003215	.0000900
Stddev	.034116	.000342	.0010074	.0002822	.006853	.001093	.0005189
%RSD	13.85764	36.58029	13.59149	42.70843	89.77656	33.98404	576.8237

#1	-.285332	-.001331	.0074865	.0009747	.000008	-.003863	.0006136
#2	-.230448	-.000750	.0083798	.0005797	-.009673	-.003829	.0000802
#3	-.222784	-.000727	.0063692	.0004280	-.013235	-.001954	-.000424

Sample Name: CCB082 Acquired: 05/18/2020 13:41:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1159) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB082 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000682	-.001071	.0001223
Stddev	.000646	.001099	.0000542
%RSD	94.68499	102.5391	44.28115

#1	-.000322	-.001353	.0001746
#2	-.000297	-.002002	.0001258
#3	-.001427	.000141	.0000665

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1264.683	1477.178	41296.02	9229.375	2440.251
Stddev	5.942	3.961	69.70	1.004	4.325
%RSD	.4698583	.2681462	.1687901	.0108755	.1772395

#1	1271.466	1472.651	41241.65	9228.225	2435.652
#2	1262.188	1480.008	41271.80	9229.825	2440.864
#3	1260.396	1478.875	41374.60	9230.075	2444.236