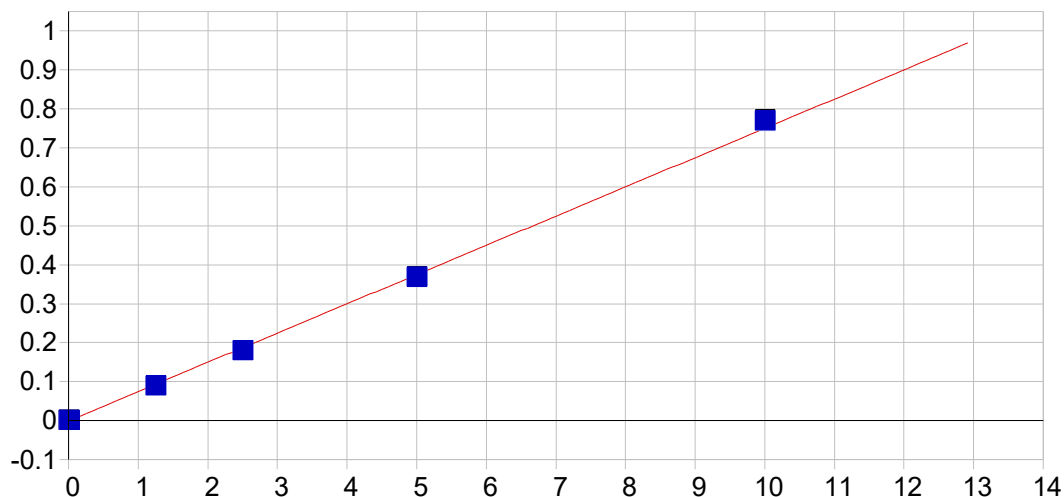


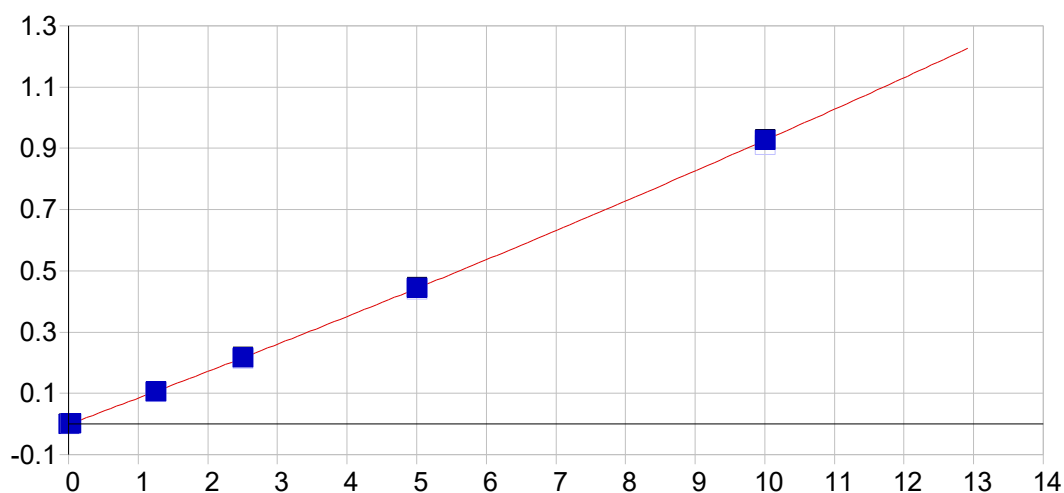


As 189.042 {479}

Date of Fit: 08/21/2019 9:50:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000525 Re-Slope: 1.000000
 A1 (Gain): 0.075060 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999575 Status: OK.
 Std Error of Est: 0.000037
 Predicted MDL: 0.002784
 Predicted MQL: 0.009278

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00053	.000	1
S1	.01000	.01087	.001	8.66	.00029	.000	1
S2	1.2500	1.1862	-.064	-5.11	.08817	.000	1
S3	2.5000	2.3968	-.103	-4.13	.17871	.000	1
S4	5.0000	4.9090	-.091	-1.82	.36660	.001	1
S5	10.000	10.257	.257	2.57	.76669	.003	1



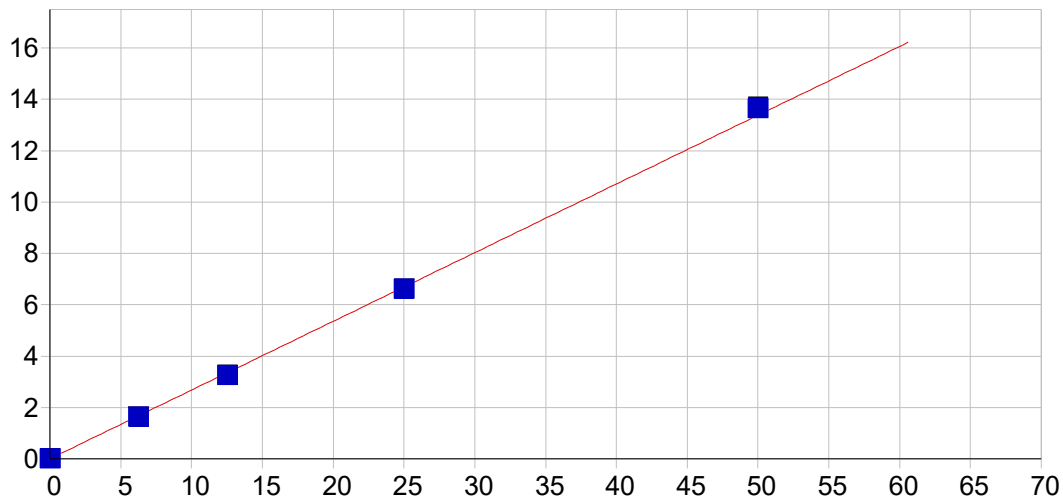
TI 190.856 {477}

Date of Fit: 08/21/2019 9:50:16 Type of Fit: Curvilinear Weighting: 1/Conc

Re-Slope: 1.000000
Y-int: 0.000000

Status: Warning Positive Curvature

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00108	.000	1
S1	.02500	.02448	-.001	-2.06	.00091	.000	1
S2	1.2500	1.2405	-.009	-.758	.10342	.000	1
S3	2.5000	2.5002	.000	.007	.21204	.001	1
S4	5.0000	5.0162	.016	.323	.43649	.001	1
S5	10.000	9.9935	-.006	-.065	.90988	.003	1



Pb 220.353 {453}

Date of Fit: 08/21/2019 9:50:16

Type of Fit: Linear

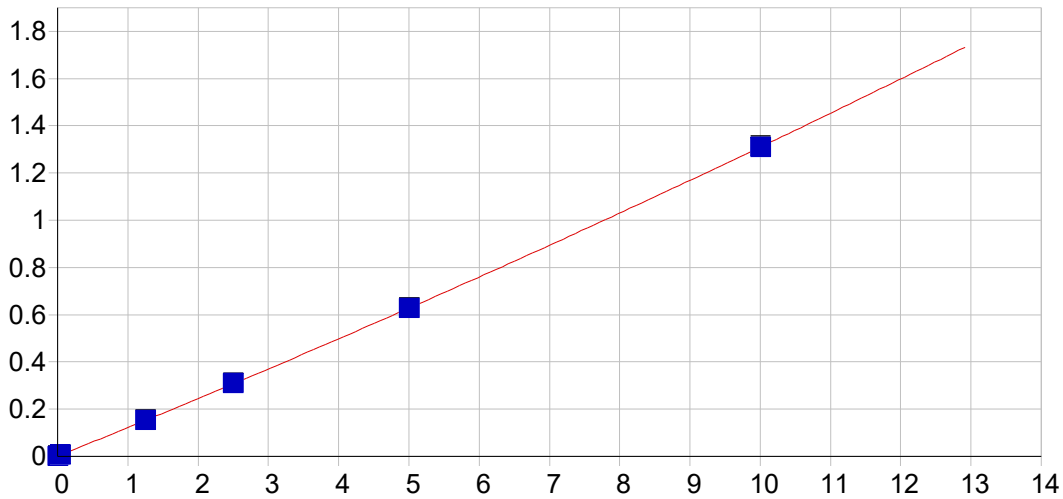
Weighting: 1/Conc

A0 (Offset):	0.000527
A1 (Gain):	0.267655
A2 (Curvature):	0.000000
n (Exponent):	1.000000
Correlation:	0.999779
Std Error of Est:	0.000211
Predicted MDL:	0.002060
Predicted MQL:	0.006865

Re-Slope: 1.000000
Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00053	.000	1
S1	.01000	.01023	.000	2.28	.00326	.000	1
S2	6.2500	6.0675	-.183	-2.92	1.6249	.003	1
S3	12.500	12.100	-.400	-3.20	3.2398	.011	1
S4	25.000	24.634	-.366	-1.46	6.5954	.011	1
S5	50.000	50.948	.948	1.90	13.640	.052	1

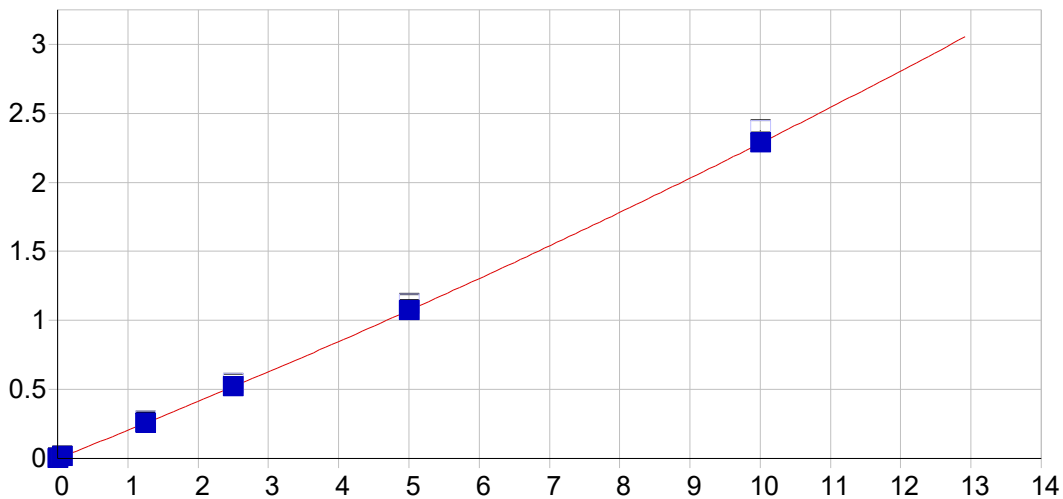


Se 196.090 {472}

Date of Fit: 08/21/2019 9:50:16 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.001304 Re-Slope: 1.000000
 A1 (Gain): 0.119710 Y-int: 0.000000
 A2 (Curvature): 0.001115
 n (Exponent): 1.000000
 Correlation: 0.999998 Status: Warning Positive Curvature
 Std Error of Est: 0.000009
 Predicted MDL: 0.002293
 Predicted MQL: 0.007643

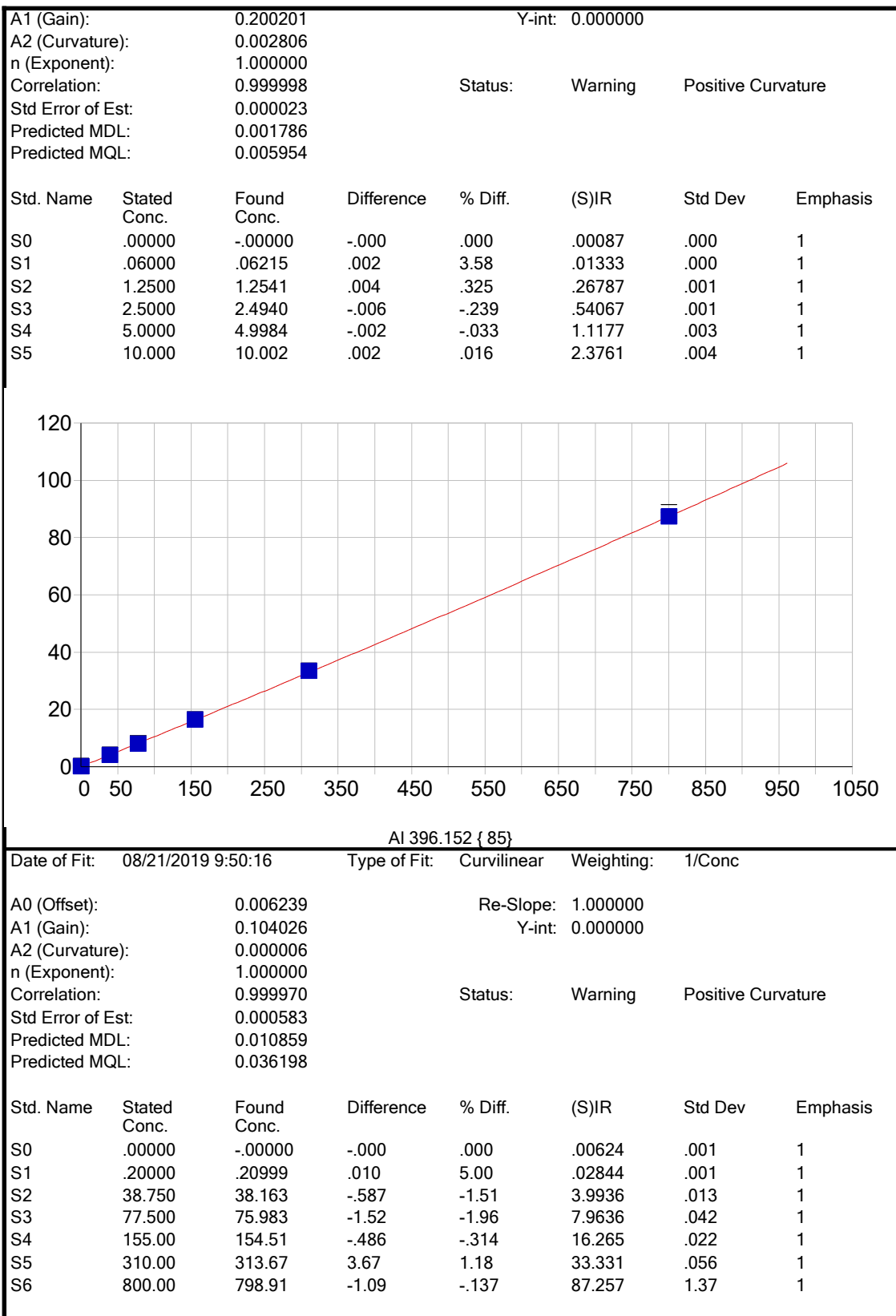
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00130	.000	1
S1	.03500	.03341	-.002	-4.55	.00530	.000	1
S2	1.2500	1.2519	.002	.153	.15252	.000	1
S3	2.5000	2.5033	.003	.133	.30718	.001	1
S4	5.0000	4.9950	-.005	-.100	.62551	.002	1
S5	10.000	10.001	.001	.014	1.3070	.003	1

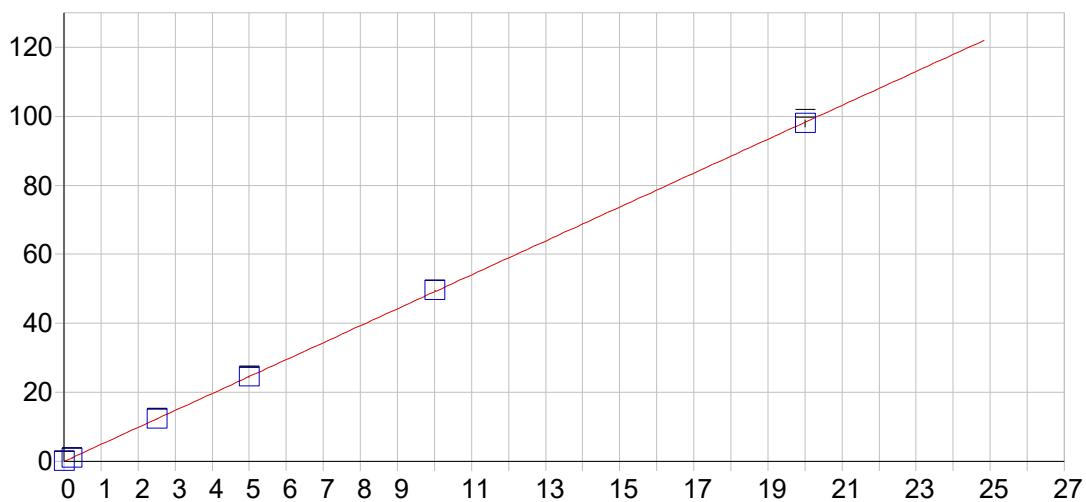


Sb 206.833 {463}

Date of Fit: 08/21/2019 9:50:16 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000872 Re-Slope: 1.000000



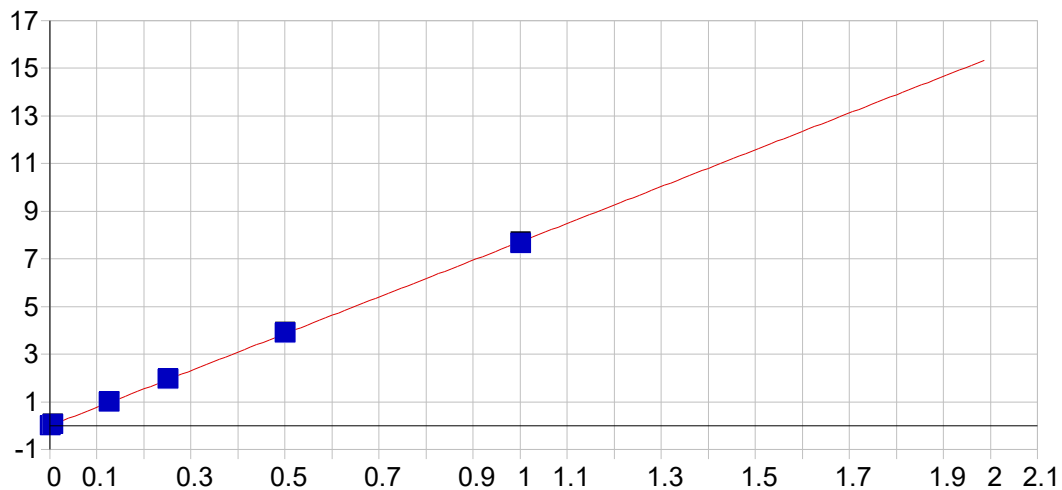


Ba 493.409 { 68}

Date of Fit: 08/21/2019 9:50:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.010449 Re-Slope: 1.000000
 A1 (Gain): 4.912396 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986 Status: OK.
 Std Error of Est: 0.002719
 Predicted MDL: 0.000526
 Predicted MQL: 0.001755

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.01045	.002	1
S1	.20000	.19908	-.001	-.459	.98841	.014	1
S2	2.5000	2.5038	.004	.150	12.310	.118	1
S3	5.0000	4.9746	-.025	-.508	24.448	.174	1
S4	10.000	10.084	.084	.835	49.545	.045	1
S5	20.000	19.939	-.061	-.305	97.959	1.14	1



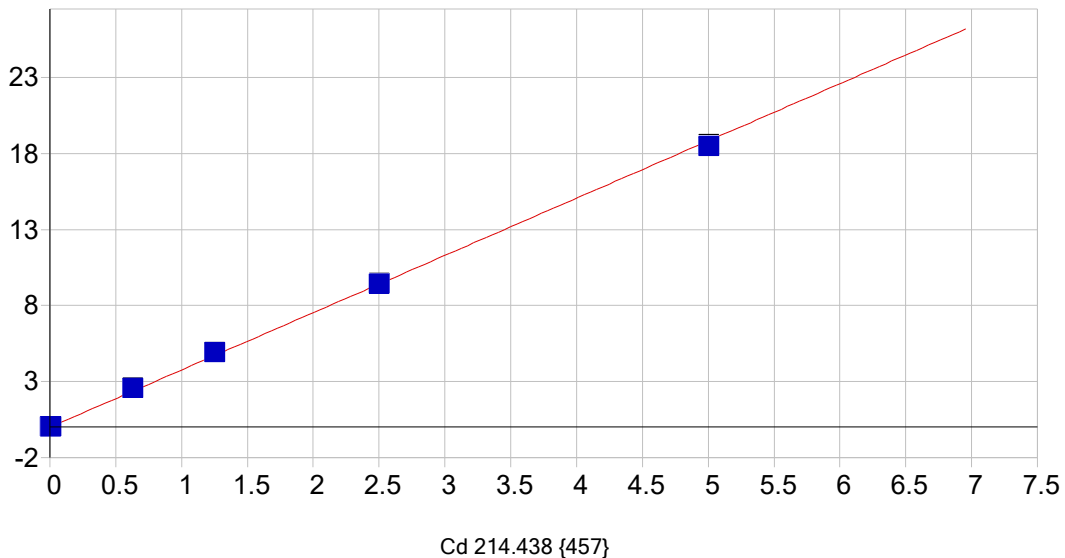
Be 234.861 {144}

Date of Fit: 08/21/2019 9:50:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002935 Re-Slope: 1.000000

A1 (Gain): 7.719809 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999966 Status: OK.
 Std Error of Est: 0.000238
 Predicted MDL: 0.000068
 Predicted MQL: 0.000225

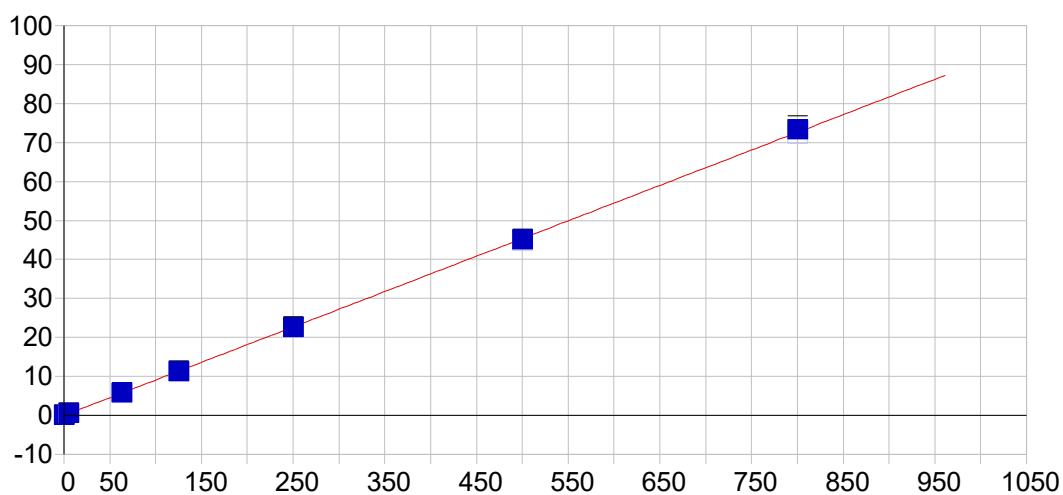
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00294	.000	1
S1	.00500	.00498	-.000	-.404	.03548	.000	1
S2	.12500	.12717	.002	1.74	.97560	.011	1
S3	.25000	.25209	.002	.835	1.9367	.011	1
S4	.50000	.50305	.003	.610	3.8677	.028	1
S5	1.0000	.99271	-.007	-.729	7.6350	.032	1



Date of Fit: 08/21/2019 9:50:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000805 Re-Slope: 1.000000
 A1 (Gain): 3.765046 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999616 Status: OK.
 Std Error of Est: 0.000876
 Predicted MDL: 0.000106
 Predicted MQL: 0.000354

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00081	.000	1
S1	.00500	.00552	.001	10.5	.02000	.000	1
S2	.62500	.67248	.047	7.60	2.5347	.004	1
S3	1.2500	1.2968	.047	3.75	4.8890	.010	1
S4	2.5000	2.5003	.000	.011	9.4273	.014	1
S5	5.0000	4.9049	-.095	-1.90	18.495	.100	1

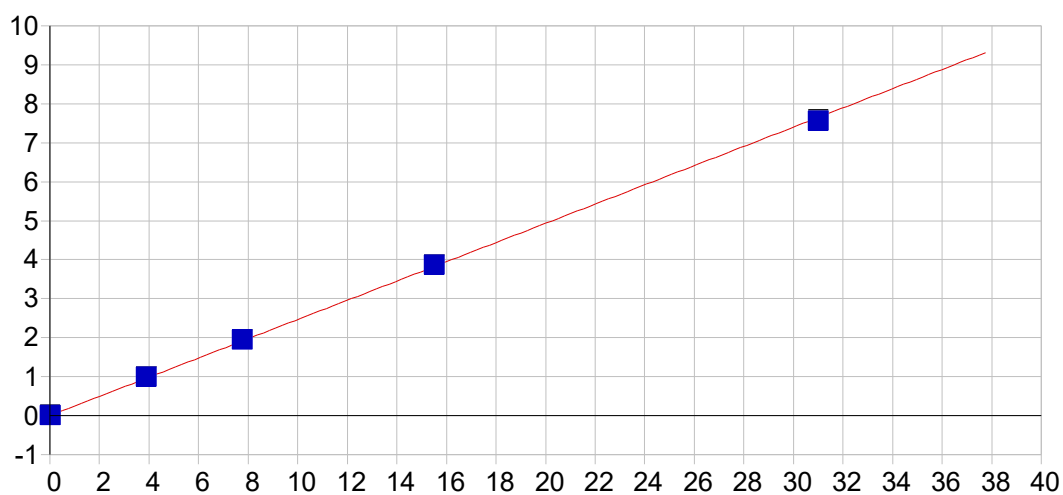


Ca 373.690 { 90}

Date of Fit: 08/21/2019 9:50:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000020 Re-Slope: 1.000000
 A1 (Gain): 0.090766 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968 Status: OK.
 Std Error of Est: 0.002503
 Predicted MDL: 0.012092
 Predicted MQL: 0.040307

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00002	.001	1
S1	5.0000	5.0741	.074	1.48	.46044	.008	1
S2	62.500	62.701	.201	.322	5.6404	.059	1
S3	125.00	123.74	-1.26	-1.01	11.130	.077	1
S4	250.00	248.71	-1.29	-.515	22.372	.072	1
S5	500.00	495.81	-4.19	-.837	44.597	.210	1
S6	800.00	806.49	6.49	.812	72.119	1.08	1

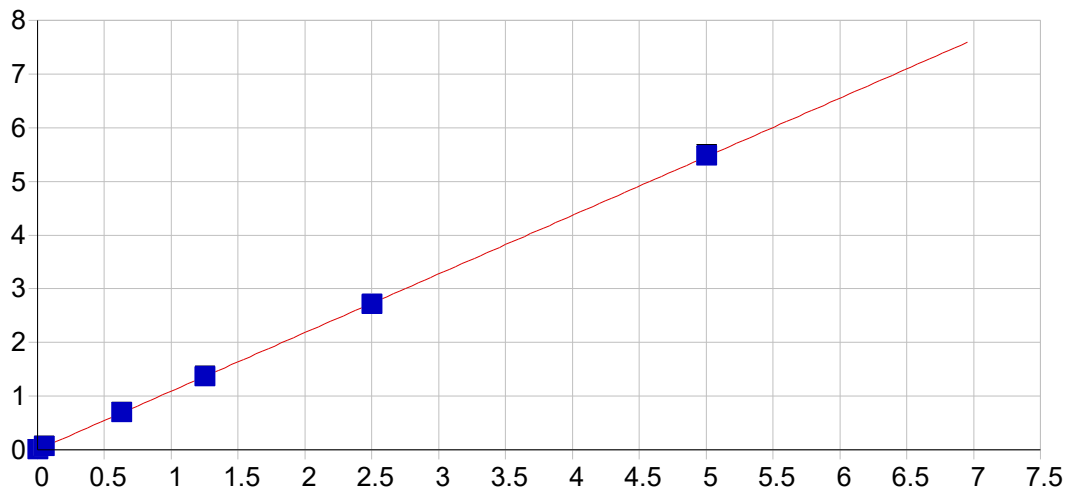


Cr 267.716 {126}

Date of Fit: 08/21/2019 9:50:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000071 Re-Slope: 1.000000
 A1 (Gain): 0.246690 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999881 Status: OK.
 Std Error of Est: 0.000113
 Predicted MDL: 0.000552
 Predicted MQL: 0.001841

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00007	.000	1
S1	.01000	.01129	.001	12.9	.00272	.000	1
S2	3.8750	4.0175	.143	3.68	.99221	.002	1
S3	7.7500	7.8783	.128	1.66	1.9458	.000	1
S4	15.500	15.631	.131	.845	3.8607	.005	1
S5	31.000	30.597	-.403	-1.30	7.5574	.022	1

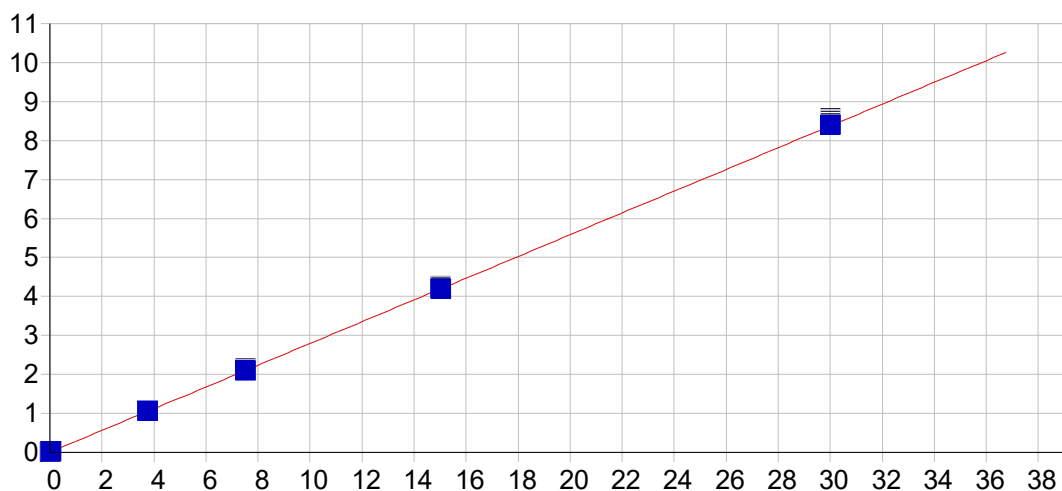


Co 228.616 {448}

Date of Fit: 08/21/2019 9:50:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000679 Re-Slope: 1.000000
 A1 (Gain): 1.091625 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985 Status: OK.
 Std Error of Est: 0.000158
 Predicted MDL: 0.000348
 Predicted MQL: 0.001160

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00068	.000	1
S1	.05000	.04978	-.000	-.449	.05521	.000	1
S2	.62500	.63438	.009	1.50	.69427	.002	1
S3	1.2500	1.2489	-.001	-.092	1.3661	.002	1
S4	2.5000	2.4828	-.017	-.688	2.7153	.004	1
S5	5.0000	5.0092	.009	.184	5.4775	.022	1

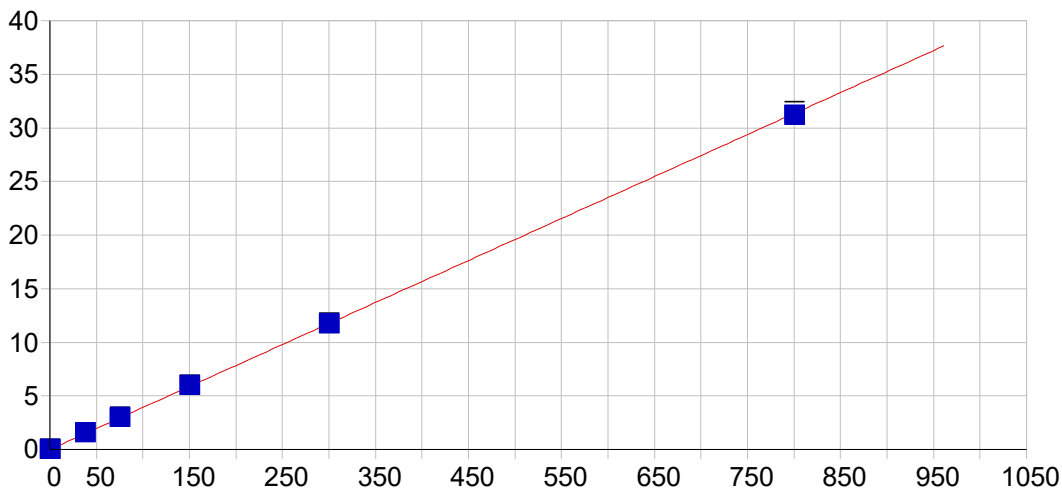


Cu 324.754 {104}

Date of Fit: 08/21/2019 9:50:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003456 Re-Slope: 1.000000
 A1 (Gain): 0.279047 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999987 Status: OK.
 Std Error of Est: 0.000066
 Predicted MDL: 0.002582
 Predicted MQL: 0.008607

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00346	.000	1
S1	.02500	.01964	-.005	-21.5	.01033	.000	1
S2	3.7500	3.7744	.024	.650	1.0735	.002	1
S3	7.5000	7.4737	-.026	-.351	2.1225	.005	1
S4	15.000	14.976	-.024	-.159	4.2496	.007	1
S5	30.000	30.032	.032	.107	8.5181	.033	1



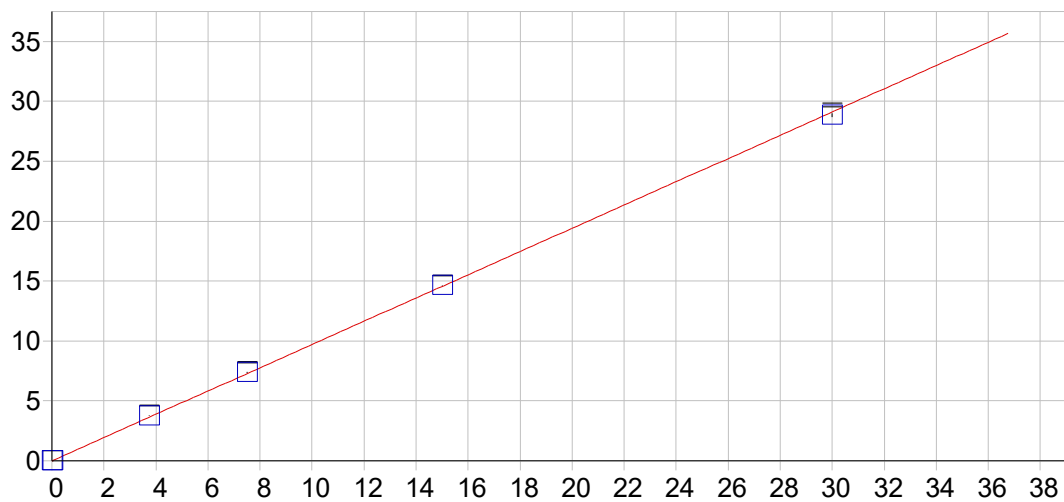
Fe 259.837 {130}

Date of Fit: 08/21/2019 9:50:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000700 Re-Slope: 1.000000

A1 (Gain): 0.039166 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958 Status: OK.
 Std Error of Est: 0.000157
 Predicted MDL: 0.009310
 Predicted MQL: 0.031034

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00070	.000	1
S1	.10000	.10413	.004	4.13	.00494	.000	1
S2	37.500	38.859	1.36	3.62	1.5257	.012	1
S3	75.000	76.220	1.22	1.63	2.9920	.016	1
S4	150.00	151.92	1.92	1.28	5.9631	.008	1
S5	300.00	299.48	-.524	-.175	11.754	.047	1
S6	800.00	796.01	-3.99	-.498	31.217	.288	1

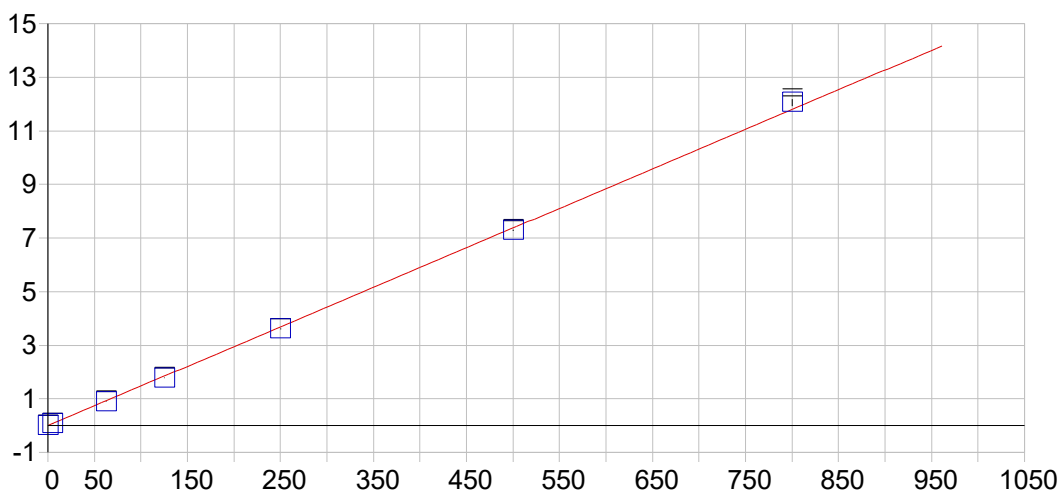


Mn 257.610 {131}

Date of Fit: 08/21/2019 9:50:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000836 Re-Slope: 1.000000
 A1 (Gain): 0.970324 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931 Status: OK.
 Std Error of Est: 0.000404
 Predicted MDL: 0.000398
 Predicted MQL: 0.001325

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00083	.000	1
S1	.01500	.01664	.002	10.9	.01698	.000	1
S2	3.7500	3.8699	.120	3.20	3.7559	.039	1
S3	7.5000	7.5776	.078	1.03	7.3535	.055	1
S4	15.000	15.076	.076	.507	14.630	.026	1
S5	30.000	29.725	-.275	-.917	28.844	.149	1

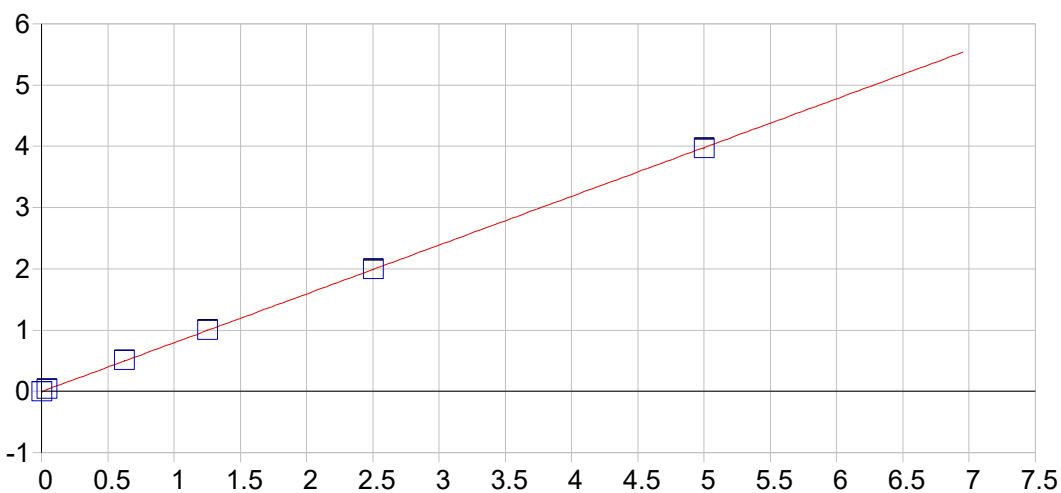


Mg 279.079 {121}

Date of Fit: 08/21/2019 9:50:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000469 Re-Slope: 1.000000
 A1 (Gain): 0.014740 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999772 Status: OK.
 Std Error of Est: 0.001099
 Predicted MDL: 0.027844
 Predicted MQL: 0.092813

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00052	.001	.000	-.00046	.000	1
S1	5.0000	4.8586	-.141	-2.83	.07115	.001	1
S2	62.500	60.638	-1.86	-2.98	.89332	.006	1
S3	125.00	120.57	-4.43	-3.54	1.7767	.011	1
S4	250.00	244.76	-5.24	-2.10	3.6072	.010	1
S5	500.00	493.90	-6.10	-1.22	7.2794	.026	1
S6	800.00	817.78	17.8	2.22	12.053	.136	1

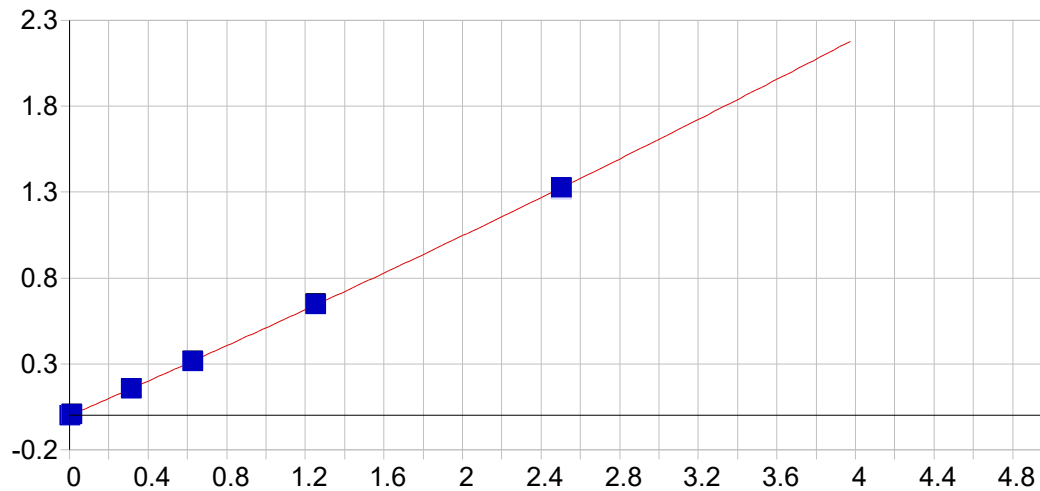


Ni 231.604 {446}

Date of Fit: 08/21/2019 9:50:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002678 Re-Slope: 1.000000
 A1 (Gain): 0.796633 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999969 Status: OK.
 Std Error of Est: 0.000150
 Predicted MDL: 0.000548
 Predicted MQL: 0.001825

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00268	.000	1
S1	.04000	.04235	.002	5.89	.03106	.001	1
S2	.62500	.63913	.014	2.26	.50647	.001	1
S3	1.2500	1.2567	.007	.538	.99847	.003	1
S4	2.5000	2.4985	-.002	-.060	1.9877	.006	1
S5	5.0000	4.9783	-.022	-.434	3.9632	.009	1

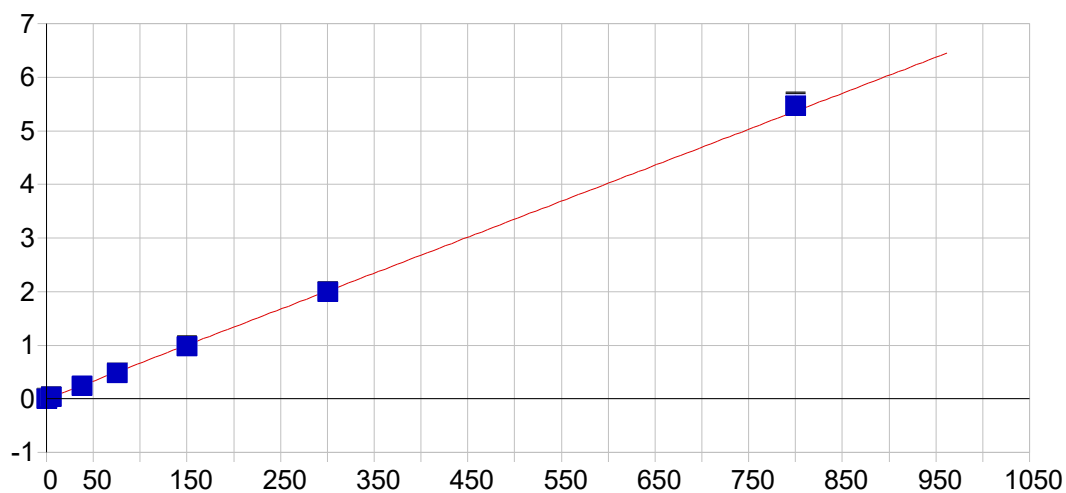


Ag 328.068 {103}

Date of Fit: 08/21/2019 9:50:16 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.001061 Re-Slope: 1.000000
 A1 (Gain): 0.498690 Y-int: 0.000000
 A2 (Curvature): 0.012502
 n (Exponent): 1.000000
 Correlation: 0.999989 Status: Warning Positive Curvature
 Std Error of Est: 0.000024
 Predicted MDL: 0.000458
 Predicted MQL: 0.001527

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00106	.000	1
S1	.01000	.00957	-.000	-4.34	.00367	.000	1
S2	.31250	.31011	-.002	-.766	.15345	.001	1
S3	.62500	.62262	-.002	-.381	.31161	.001	1
S4	1.2500	1.2583	.008	.663	.64089	.003	1
S5	2.5000	2.4969	-.003	-.124	1.3114	.003	1

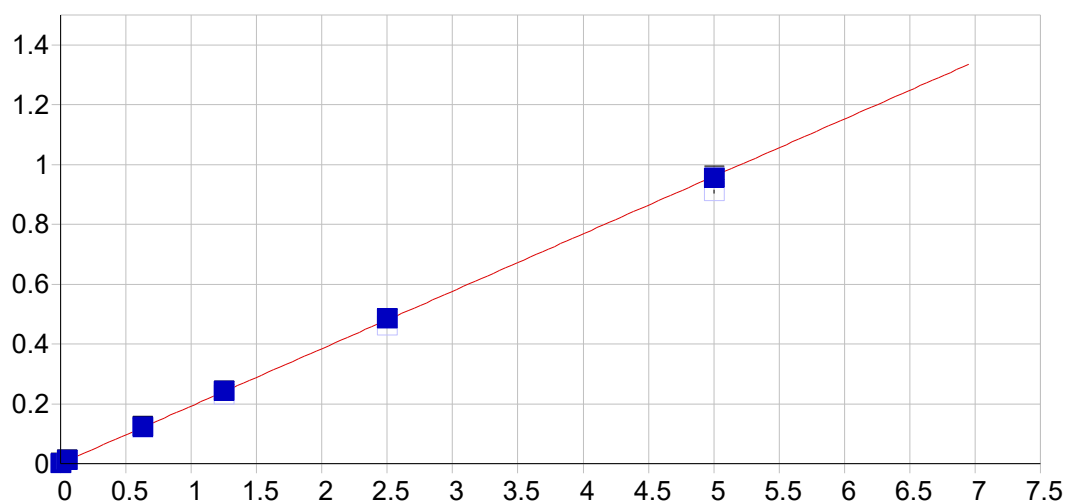


Na 818.326 { 41}

Date of Fit: 08/21/2019 9:50:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004842 Re-Slope: 1.000000
 A1 (Gain): 0.006711 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999705 Status: OK.
 Std Error of Est: 0.000507
 Predicted MDL: 0.295425
 Predicted MQL: 0.984751

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00124	.001	.000	-.00483	.002	1
S1	5.0000	4.3665	-.634	-12.7	.02446	.001	1
S2	37.500	35.745	-1.76	-4.68	.23616	.003	1
S3	75.000	71.325	-3.68	-4.90	.47605	.003	1
S4	150.00	145.39	-4.61	-3.07	.97534	.002	1
S5	300.00	295.87	-4.13	-1.38	1.9896	.005	1
S6	800.00	814.80	14.8	1.85	5.4870	.041	1



V 292.402 {115}

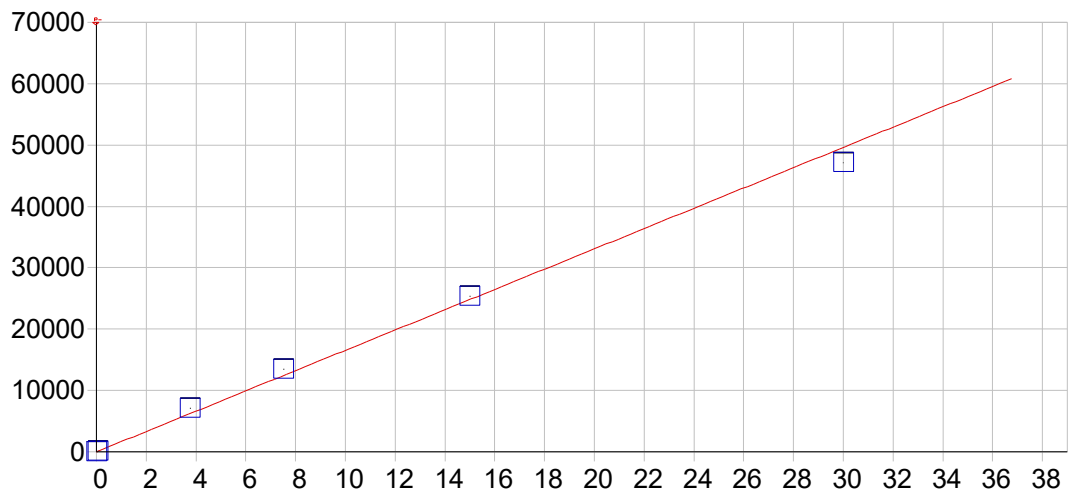
Date of Fit: 08/21/2019 9:50:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000513
 A1 (Gain): 0.191961
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999974
 Std Error of Est: 0.000035
 Predicted MDL: 0.002843
 Predicted MQL: 0.009475

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00051	.000	1
S1	.05000	.05043	.000	.859	.01018	.000	1
S2	.62500	.63641	.011	1.83	.11693	.001	1
S3	1.2500	1.2550	.005	.402	.22993	.001	1
S4	2.5000	2.5114	.011	.454	.45959	.001	1
S5	5.0000	4.9717	-.028	-.565	.90888	.006	1



Zn 206.200 {464}

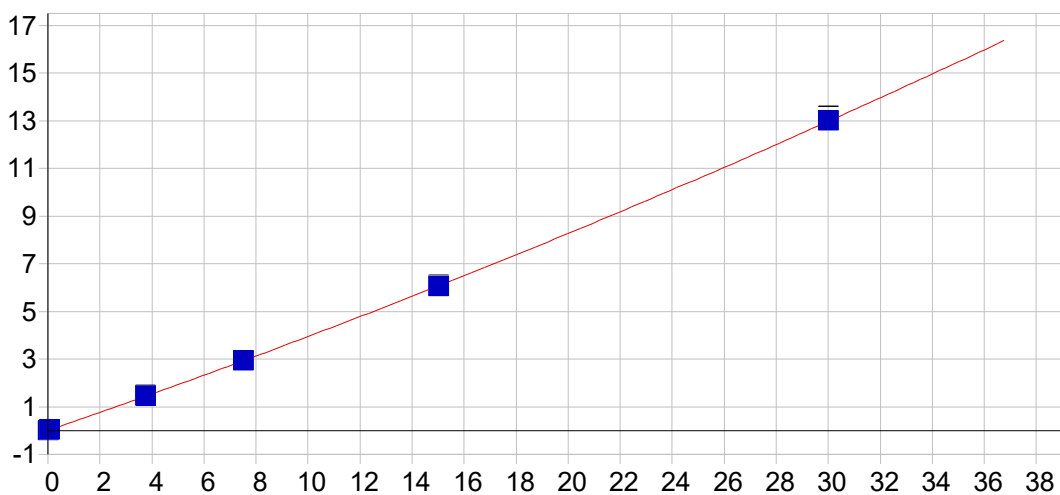
Date of Fit: 08/21/2019 9:50:16
 Type of Fit: Linear
 Weighting: 1/Conc

A0 (Offset): 2.754948
 A1 (Gain): 1653.693910
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998135
 Std Error of Est: 7.196384
 Predicted MDL: 0.000390
 Predicted MQL: 0.001302

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	2.7145	.425	1
S1	.06000	.07271	.013	21.2	122.99	1.16	1
S2	3.7500	4.2768	.527	14.0	7075.2	7.07	1
S3	7.5000	8.1332	.633	8.44	13453.	12.0	1
S4	15.000	15.316	.316	2.10	25330.	21.2	1
S5	30.000	28.512	-1.49	-4.96	47152.	51.5	1

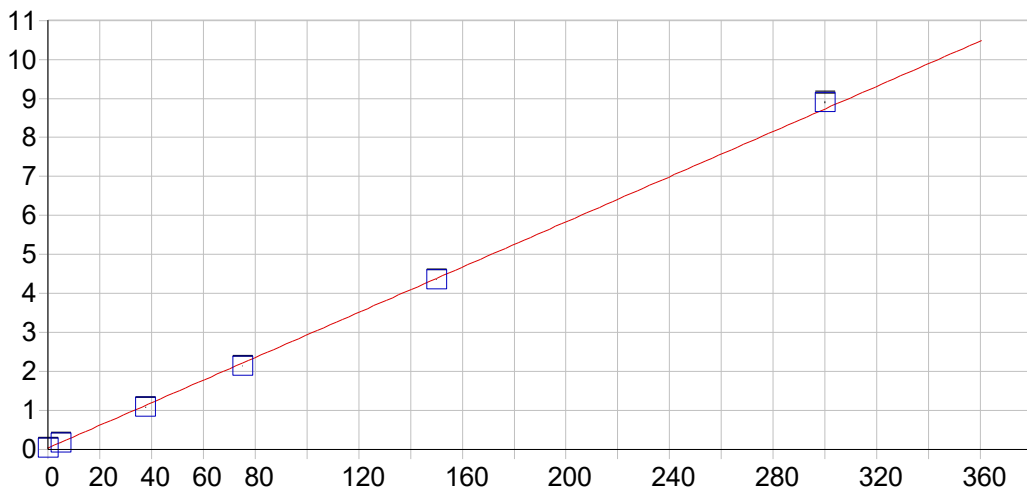


Zn 213.856 {158}

Date of Fit: 08/21/2019 9:50:16 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000155 Re-Slope: 1.000000
 A1 (Gain): 0.375511 Y-int: 0.000000
 A2 (Curvature): 0.001894
 n (Exponent): 1.000000
 Correlation: 0.999996 Status: Warning Positive Curvature
 Std Error of Est: 0.000102
 Predicted MDL: 0.001939
 Predicted MQL: 0.006463

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00016	.001	1
S1	.06000	.06276	.003	4.60	.02348	.001	1
S2	3.7500	3.7839	.034	.904	1.4502	.017	1
S3	7.5000	7.4795	-.021	-.274	2.9190	.004	1
S4	15.000	14.971	-.029	-.197	6.0551	.044	1
S5	30.000	30.014	.014	.046	12.995	.196	1



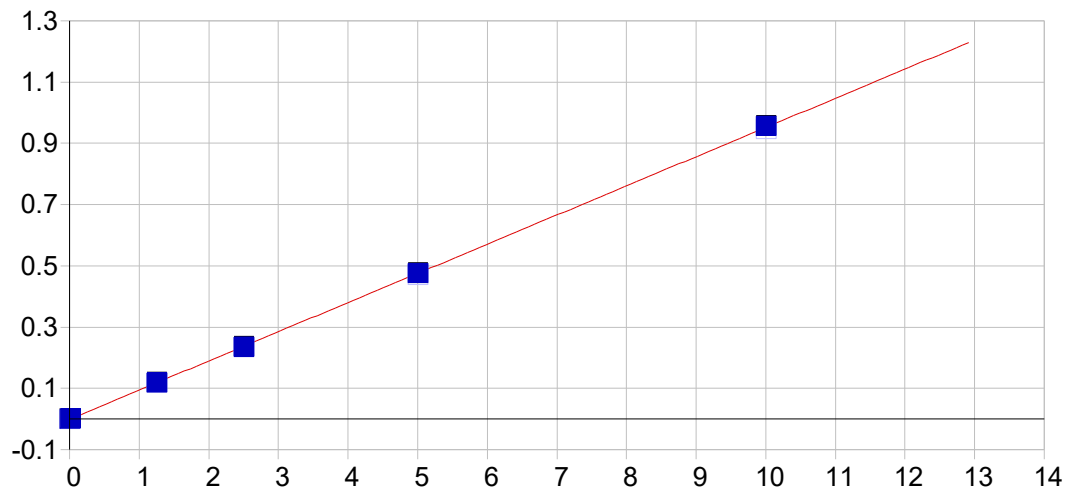
K 769.896 {44}

Date of Fit: 08/21/2019 9:50:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.038350 Re-Slope: 1.000000

A1 (Gain): 0.028979 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999723 Status: OK.
 Std Error of Est: 0.001407
 Predicted MDL: 0.072136
 Predicted MQL: 0.240455

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00077	.001	.000	.03837	.003	1
S1	5.0000	4.5596	-.440	-8.81	.17048	.003	1
S2	37.500	35.920	-1.58	-4.21	1.0793	.004	1
S3	75.000	72.402	-2.60	-3.46	2.1365	.006	1
S4	150.00	148.86	-1.14	-.763	4.3520	.007	1
S5	300.00	305.76	5.76	1.92	8.8991	.019	1

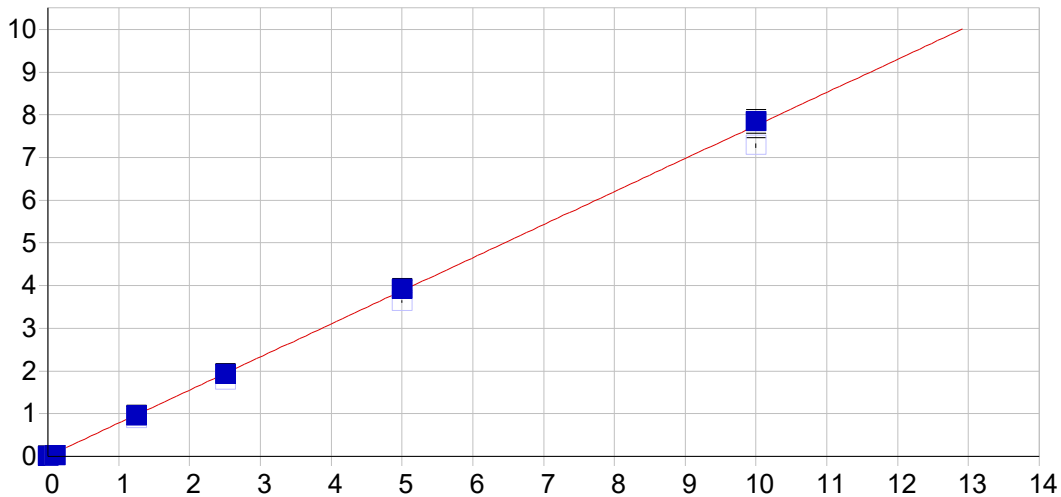


P 177.495 {490}

Date of Fit: 08/21/2019 9:50:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000785 Re-Slope: 1.000000
 A1 (Gain): 0.095258 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.001929
 Predicted MQL: 0.006429

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00079	.000	1
S1	.01000	.01063	.001	6.30	.00022	.000	1
S2	1.2500	1.2492	-.001	-.061	.11688	.000	1
S3	2.5000	2.4754	-.025	-.983	.23235	.001	1
S4	5.0000	4.9805	-.019	-.389	.46831	.002	1
S5	10.000	10.044	.044	.442	.94532	.002	1

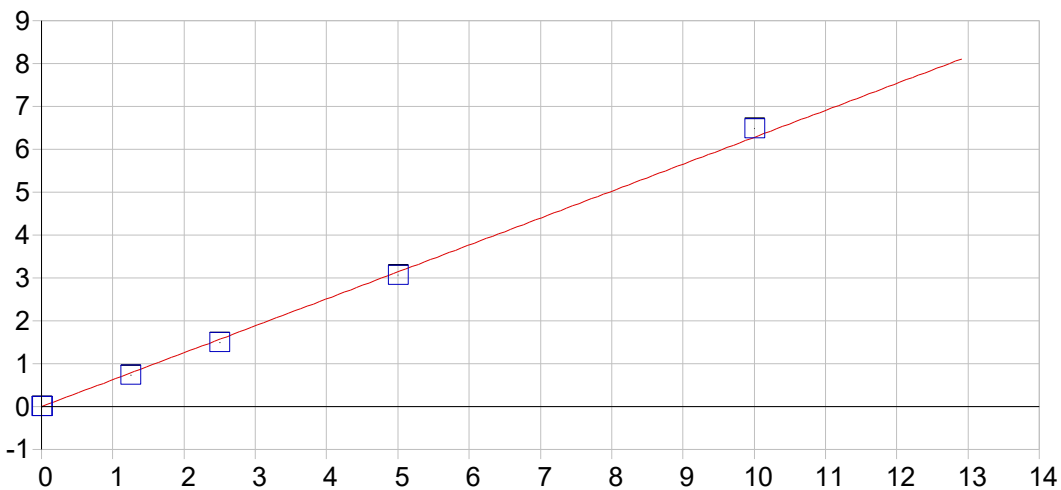


B 249.678 {135}

Date of Fit: 08/21/2019 9:50:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005074 Re-Slope: 1.000000
 A1 (Gain): 0.774551 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997354 Status: OK.
 Std Error of Est: 0.002784
 Predicted MDL: 0.000863
 Predicted MQL: 0.002877

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	.00515	.001	1
S1	.10000	.00872	-.091	-91.3	.01167	.001	1
S2	1.2500	1.2185	-.032	-2.52	.87858	.010	1
S3	2.5000	2.4723	-.028	-1.11	1.7795	.011	1
S4	5.0000	5.0403	.040	.806	3.6280	.025	1
S5	10.000	10.117	.117	1.17	7.2792	.050	1



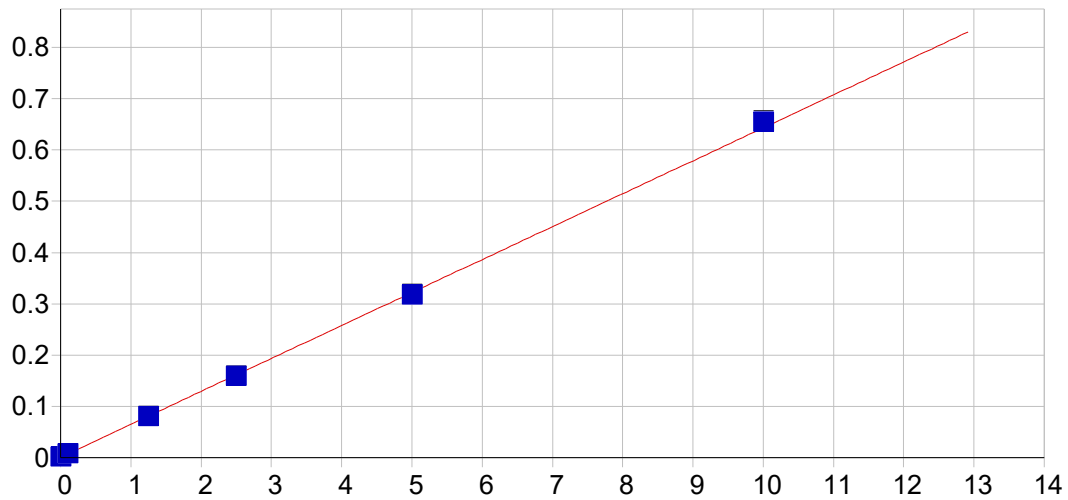
Mo 202.030 {467}

Date of Fit: 08/21/2019 9:50:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000087 Re-Slope: 1.000000

A1 (Gain): 0.627978 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999332 Status: OK.
 Std Error of Est: 0.000385
 Predicted MDL: 0.000444
 Predicted MQL: 0.001480

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00009	.000	1
S1	.01000	.00988	-.000	-1.15	.00629	.000	1
S2	1.2500	1.1736	-.076	-6.11	.73709	.001	1
S3	2.5000	2.3681	-.132	-5.28	1.4872	.002	1
S4	5.0000	4.8819	-.118	-2.36	3.0658	.005	1
S5	10.000	10.326	.326	3.26	6.4849	.003	1

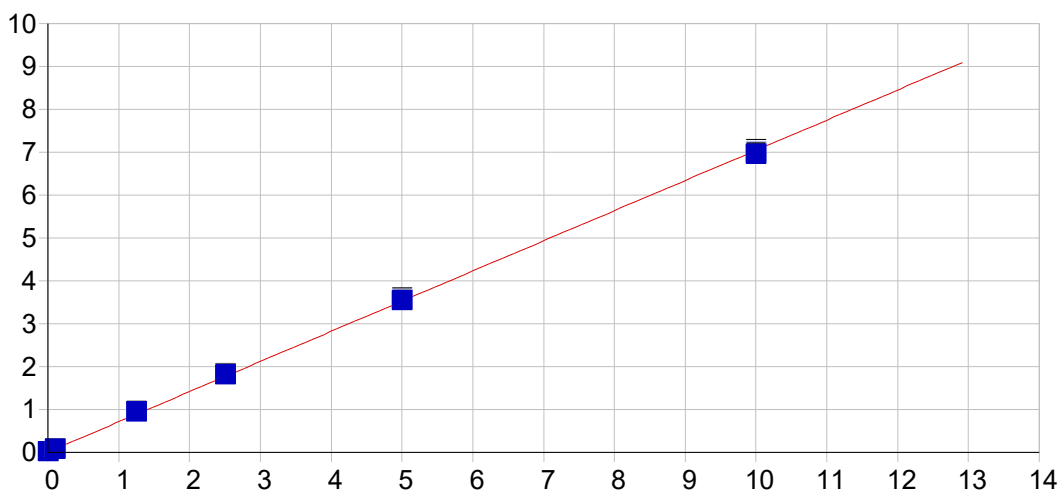


S 182.034 {485}

Date of Fit: 08/21/2019 9:50:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000706 Re-Slope: 1.000000
 A1 (Gain): 0.064247 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999855 Status: OK.
 Std Error of Est: 0.000058
 Predicted MDL: 0.003408
 Predicted MQL: 0.011361

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00071	.000	1
S1	.10000	.09644	-.004	-3.56	.00690	.000	1
S2	1.2500	1.2308	-.019	-1.54	.07995	.000	1
S3	2.5000	2.4478	-.052	-2.09	.15831	.001	1
S4	5.0000	4.9152	-.085	-1.70	.31717	.001	1
S5	10.000	10.160	.160	1.60	.65480	.002	1

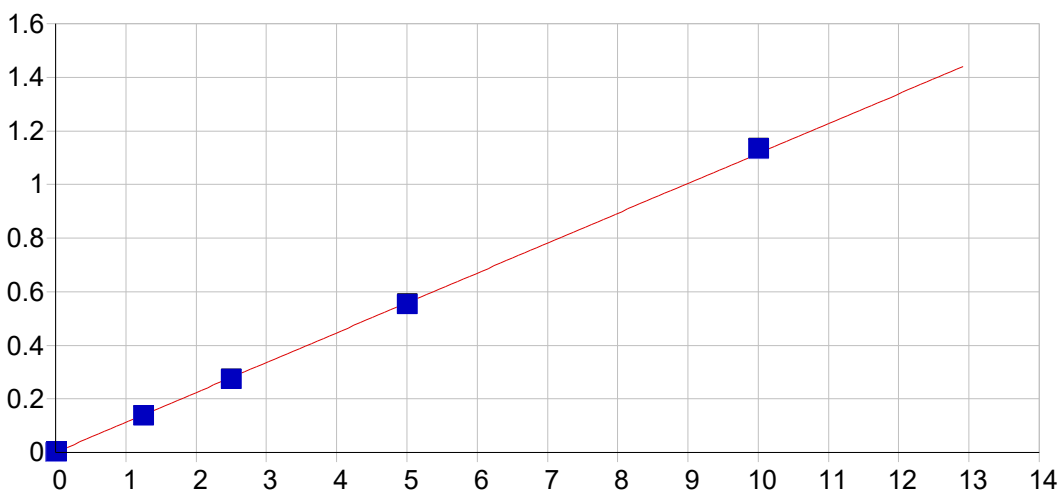


Si 251.611 {134}

Date of Fit: 08/21/2019 9:50:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.009712 Re-Slope: 1.000000
 A1 (Gain): 0.703470 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999830 Status: OK.
 Std Error of Est: 0.000696
 Predicted MDL: 0.000967
 Predicted MQL: 0.003223

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00971	.001	1
S1	.10000	.09778	-.002	-2.22	.07875	.002	1
S2	1.2500	1.3164	.066	5.31	.94357	.009	1
S3	2.5000	2.5531	.053	2.13	1.8213	.009	1
S4	5.0000	5.0156	.016	.312	3.5692	.022	1
S5	10.000	9.8670	-.133	-1.33	7.0131	.046	1



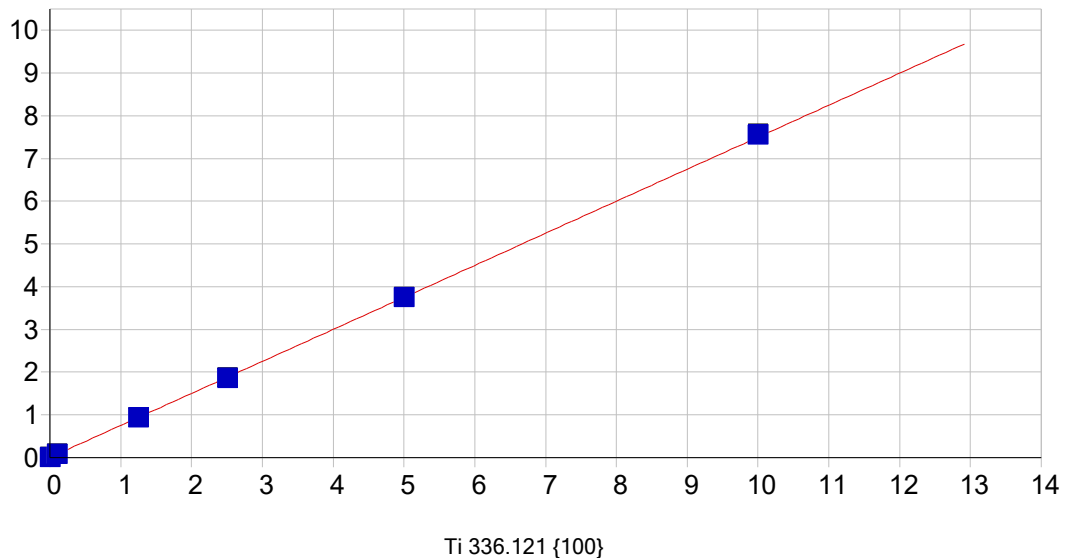
Sn 189.989 {478}

Date of Fit: 08/21/2019 9:50:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000857 Re-Slope: 1.000000

A1 (Gain): 0.111436 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999783 Status: OK.
 Std Error of Est: 0.000032
 Predicted MDL: 0.001615
 Predicted MQL: 0.005382

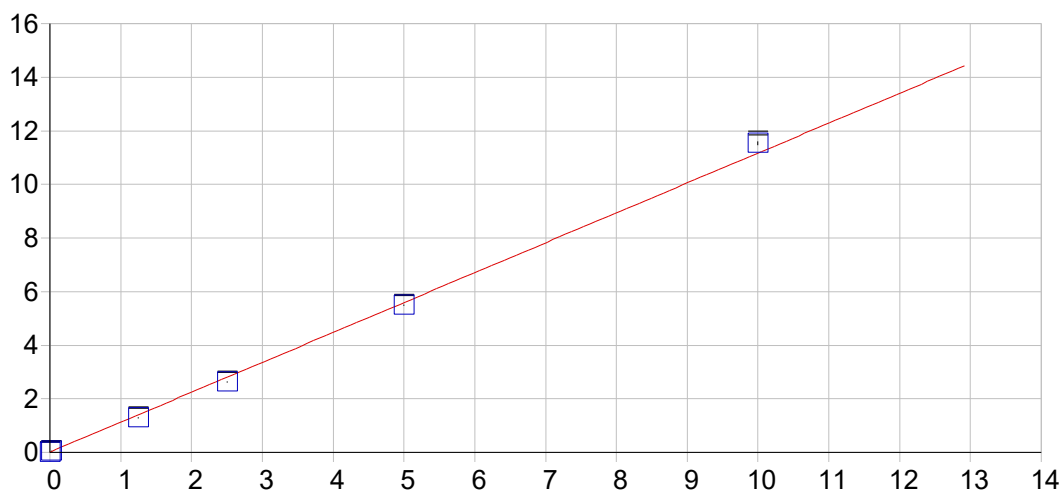
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00086	.000	1
S1	.00700	.00312	-.004	-55.4	.00118	.000	1
S2	1.2500	1.2110	-.039	-3.12	.13551	.000	1
S3	2.5000	2.4343	-.066	-2.63	.27155	.001	1
S4	5.0000	4.9503	-.050	-.994	.55135	.001	1
S5	10.000	10.158	.158	1.58	1.1305	.002	1



Date of Fit: 08/21/2019 9:50:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002817 Re-Slope: 1.000000
 A1 (Gain): 0.749626 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962 Status: OK.
 Std Error of Est: 0.000347
 Predicted MDL: 0.001084
 Predicted MQL: 0.003614

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00282	.001	1
S1	.10000	.09750	-.003	-2.50	.07588	.001	1
S2	1.2500	1.2311	-.019	-1.51	.92538	.003	1
S3	2.5000	2.4646	-.035	-1.41	1.8497	.005	1
S4	5.0000	4.9839	-.016	-.323	3.7376	.002	1
S5	10.000	10.073	.073	.729	7.5511	.010	1

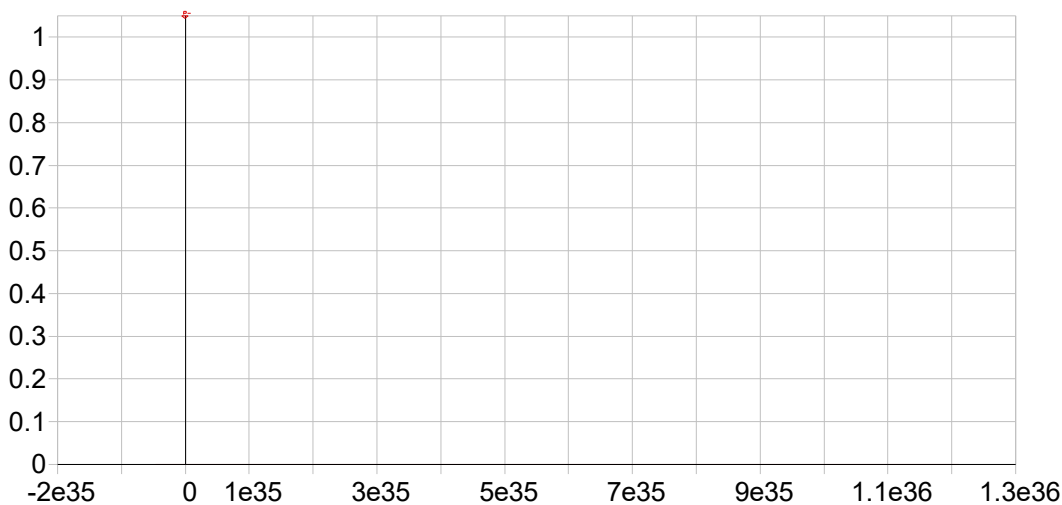


Li 670.784 { 50}

Date of Fit: 08/21/2019 9:50:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.011272 Re-Slope: 1.000000
 A1 (Gain): 1.115742 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998039 Status: OK.
 Std Error of Est: 0.001437
 Predicted MDL: 0.001864
 Predicted MQL: 0.006215

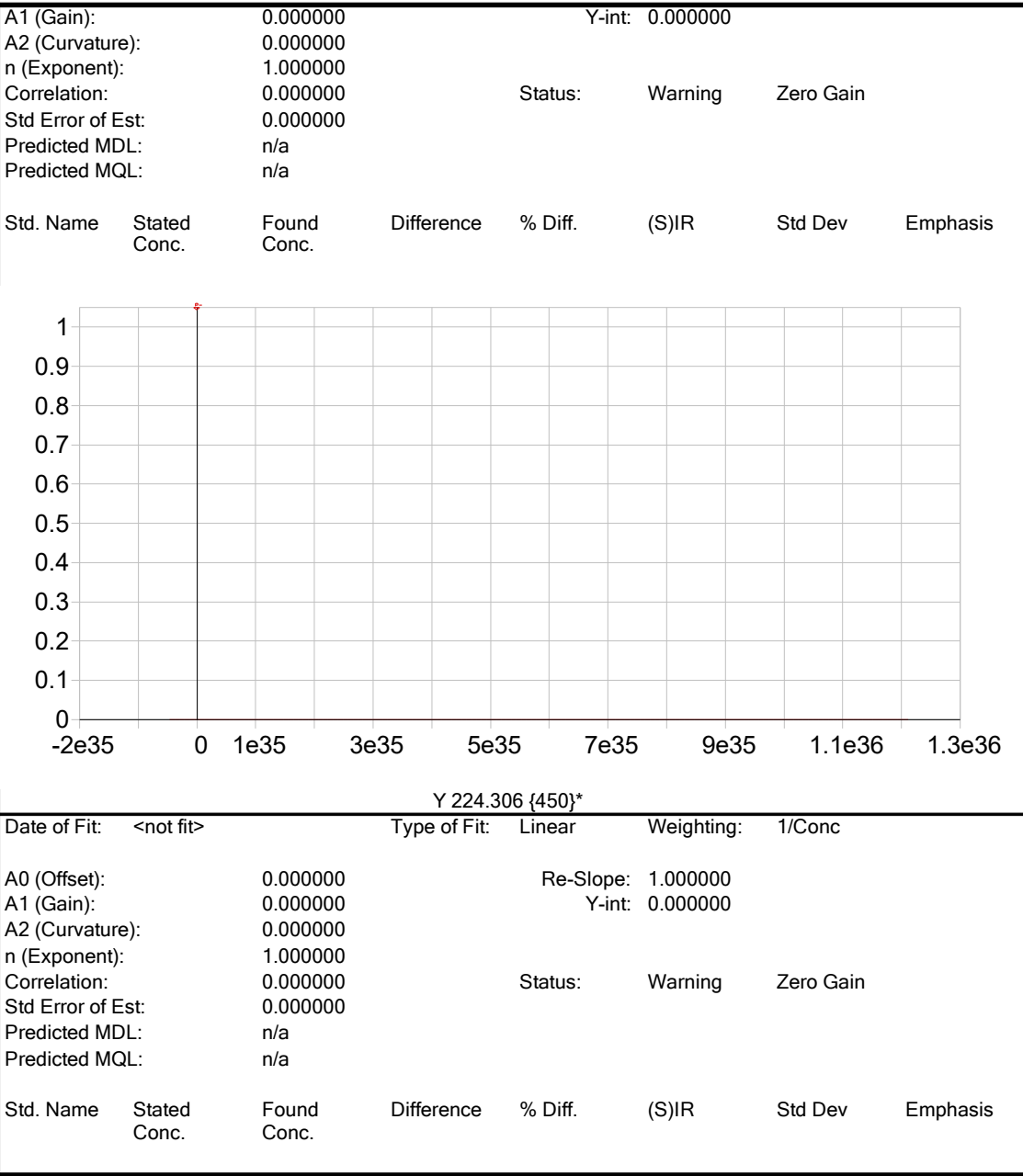
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.01125	.001	1
S5	10.000	10.324	.324	3.24	11.531	.066	1
S4	5.0000	4.9136	-.086	-1.73	5.4936	.029	1
S3	2.5000	2.3376	-.162	-6.50	2.6194	.024	1
S2	1.2500	1.1490	-.101	-8.08	1.2933	.018	1
S1	.01500	.04041	.025	169.	.05636	.002	1

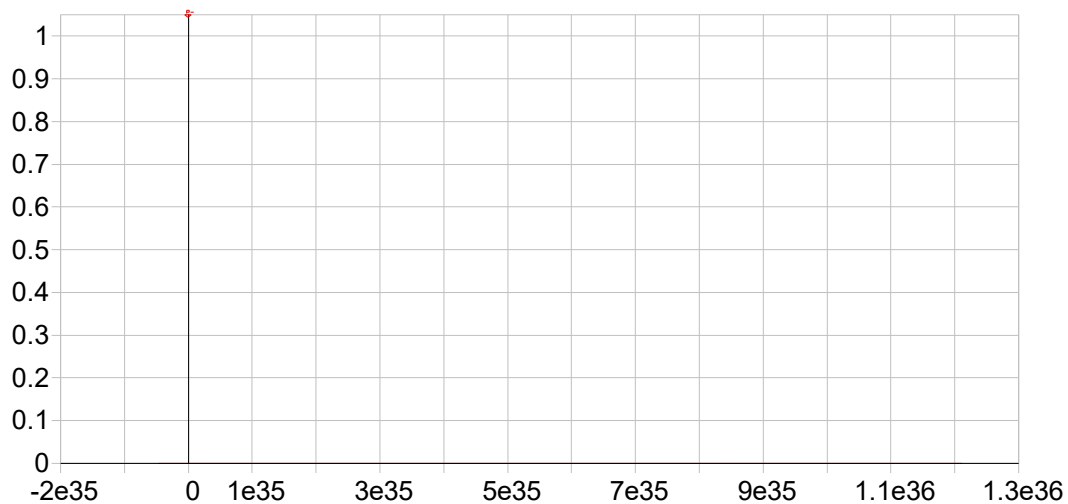


Y 224.306 {150}*

Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000000 Re-Slope: 1.000000





Y 360.073 { 94}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

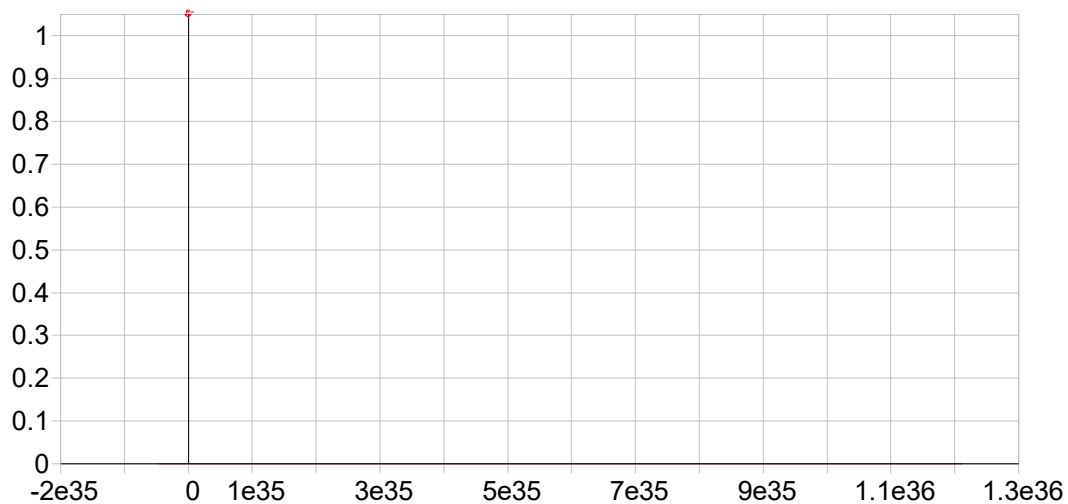
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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

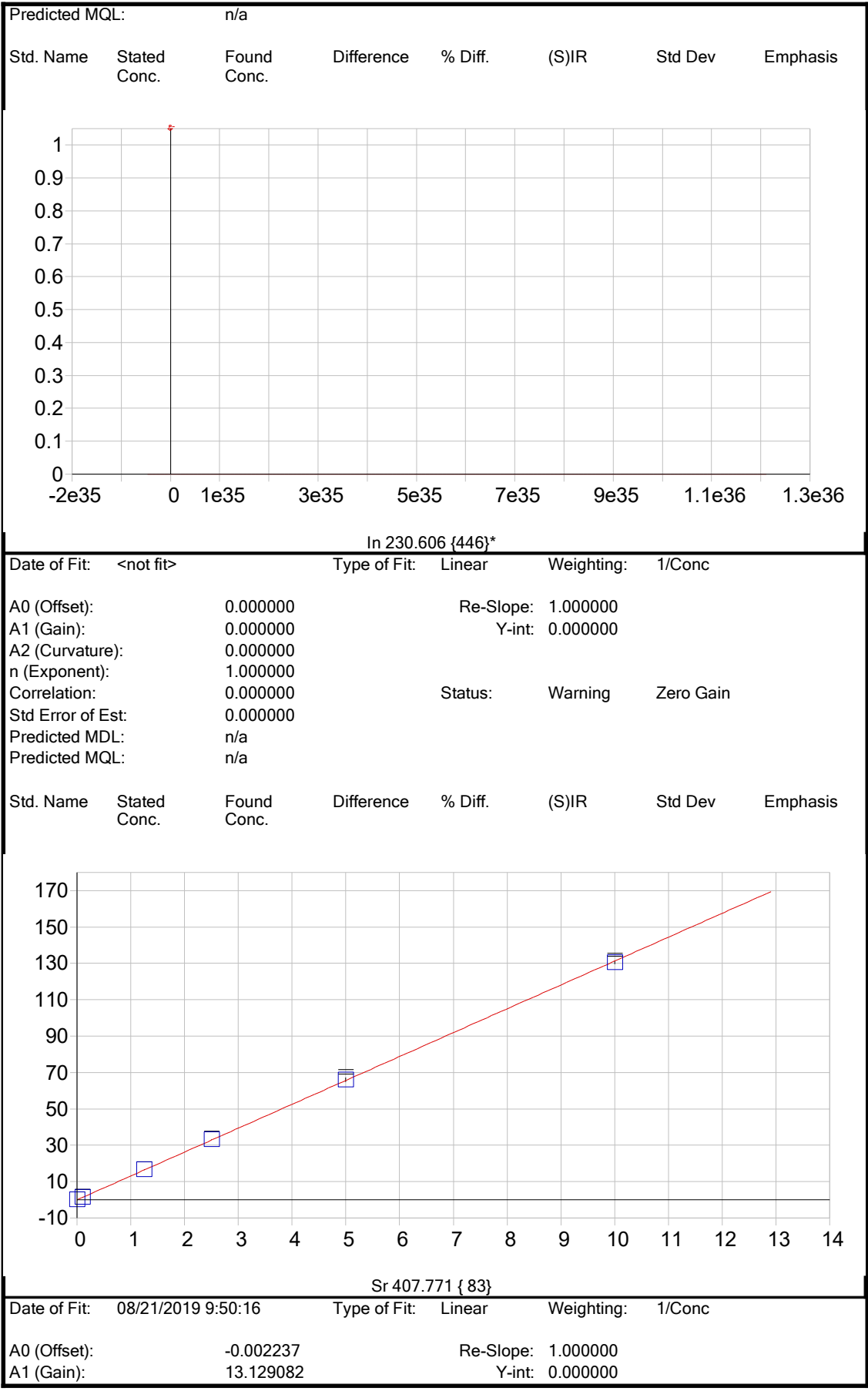
n (Exponent): 1.000000

Correlation: 0.000000

Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a



A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.999975			Status:	OK.		
Std Error of Est:	0.004951						
Predicted MDL:	0.000089						
Predicted MQL:	0.000296						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00223	.002	1
S1	.10000	.09796	-.002	-2.04	1.2839	.002	1
S2	1.2500	1.2602	.010	.816	16.543	.039	1
S3	2.5000	2.5259	.026	1.04	33.160	.173	1
S4	5.0000	5.0286	.029	.572	66.019	1.13	1
S5	10.000	9.9373	-.063	-.627	130.47	.764	1

Sample Name: S0 Acquired: 08/21/2019 8:52:08 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v948) 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	-.00053	-.00108	.00053	.00130	.00087	.00624	.01045	-.00294
Stddev	.00010	.00008	.00046	.00027	.00021	.00075	.00160	.00024
%RSD	18.429	7.2700	86.456	20.685	24.400	11.950	15.277	8.1934
#1	-.00056	-.00109	.00105	.00155	.00103	.00674	.01136	-.00311
#2	-.00060	-.00100	.00026	.00101	.00063	.00659	.01139	-.00266
#3	-.00042	-.00116	.00027	.00135	.00095	.00538	.00861	-.00303
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	-.00081	.00002	-.00007	.00068	.00346	.00070	.00083	-.00046
Stddev	.00024	.00107	.00005	.00041	.00038	.00027	.00022	.00017
%RSD	29.697	5732.6	65.543	60.413	10.885	38.846	26.371	37.126
#1	-.00108	.00117	-.00011	.00101	.00366	.00060	.00076	-.00054
#2	-.00062	-.00016	-.00008	.00022	.00369	.00101	.00108	-.00026
#3	-.00073	-.00096	-.00002	.00081	.00302	.00049	.00066	-.00058
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	-.00268	-.00106	-.00483	.00051	-.00016	.03837	-.00079	.00515
Stddev	.00013	.00009	.00198	.00048	.00059	.00309	.00016	.00058
%RSD	4.6737	8.1293	40.916	94.338	378.93	8.0523	19.843	11.303
#1	-.00265	-.00098	-.00292	.00063	.00029	.04081	-.00096	.00538
#2	-.00282	-.00115	-.00471	.00093	-.00083	.03490	-.00074	.00448
#3	-.00257	-.00105	-.00687	-.00002	.00007	.03941	-.00066	.00557
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	.00009	.00071	.00971	.00086	.00282	.01125	-.00223	
Stddev	.00028	.00006	.00092	.00006	.00058	.00134	.00151	
%RSD	314.19	8.3113	9.4442	6.8991	20.625	11.893	67.524	
#1	.00019	.00067	.00907	.00089	.00220	.01088	-.00106	
#2	-.00022	.00077	.00930	.00090	.00291	.01013	-.00170	
#3	.00030	.00067	.01076	.00079	.00335	.01273	-.00394	

Sample Name: S0 Acquired: 08/21/2019 8:52:08 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v948) 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	1457.2	2342.8	30614.	5100.9	2461.7
Stddev	8.2	4.3	73.	38.9	5.3
%RSD	.56302	.18228	.23924	.76195	.21418
#1	1459.9	2338.4	30604.	5102.0	2458.9
#2	1448.0	2342.9	30546.	5139.2	2458.4
#3	1463.7	2346.9	30692.	5061.5	2467.8

Sample Name: S1 Acquired: 08/21/2019 8:56:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v948) 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	.00029	.00091	.00326	.00530	.01333	.02844	.98841	.03548
Stddev	.00007	.00020	.00006	.00013	.00011	.00079	.01443	.00037
%RSD	23.108	21.605	1.7953	2.5167	.83615	2.7723	1.4600	1.0503

#1	.00031	.00113	.00320	.00546	.01346	.02922	1.0050	.03528
#2	.00035	.00079	.00332	.00523	.01327	.02846	.97899	.03591
#3	.00022	.00080	.00327	.00523	.01327	.02765	.98123	.03525

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	.02000	.46044	.00272	.05521	.01033	.00494	.01698	.07115
Stddev	.00030	.00777	.00006	.00028	.00039	.00035	.00020	.00066
%RSD	1.4812	1.6878	2.3609	.50912	3.7917	7.1191	1.1773	.92879

#1	.02029	.46926	.00273	.05503	.01062	.00535	.01694	.07181
#2	.02002	.45459	.00278	.05506	.00988	.00472	.01681	.07049
#3	.01970	.45748	.00265	.05553	.01049	.00476	.01720	.07113

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	.03106	.00367	.02446	.01018	.02348	.17048	.00022	.01167
Stddev	.00061	.00015	.00095	.00029	.00074	.00324	.00008	.00053
%RSD	1.9737	3.9644	3.8702	2.8833	3.1319	1.9020	37.721	4.5422

#1	.03147	.00361	.02418	.01051	.02282	.17407	.00013	.01228
#2	.03137	.00356	.02369	.00996	.02427	.16776	.00029	.01132
#3	.03036	.00384	.02552	.01006	.02336	.16962	.00026	.01140

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	.00629	.00690	.07875	.00118	.07588	.05636	1.2839
Stddev	.00027	.00016	.00173	.00019	.00054	.00230	.0019
%RSD	4.3669	2.3416	2.1906	15.831	.71376	4.0784	.14443

#1	.00659	.00708	.08043	.00099	.07582	.05788	1.2858
#2	.00625	.00687	.07882	.00118	.07538	.05749	1.2837
#3	.00604	.00676	.07698	.00137	.07645	.05372	1.2821

Sample Name: S1 Acquired: 08/21/2019 8:56:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v948) 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	1467.1	2361.4	30979.	5082.6	2514.7
Stddev	5.6	3.5	189.	46.8	2.7
%RSD	.38344	.14951	.61147	.92061	.10600
#1	1473.5	2357.4	31044.	5028.6	2516.8
#2	1464.5	2363.0	31128.	5111.3	2511.7
#3	1463.1	2363.9	30766.	5107.9	2515.6

Sample Name: S2 Acquired: 08/21/2019 9:00:20 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v948) 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	.08817	.10342	1.6249	.15252	.26787	3.9936	12.310	.97560
Stddev	.00004	.00014	.0031	.00039	.00140	.0131	.118	.01053
%RSD	.04658	.13904	.18791	.25536	.52320	.32716	.95694	1.0793

#1	.08818	.10356	1.6277	.15274	.26819	3.9890	12.337	.97315
#2	.08821	.10342	1.6253	.15276	.26908	4.0083	12.412	.98714
#3	.08813	.10327	1.6216	.15208	.26634	3.9835	12.181	.96651

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.5347	5.6404	.99221	.69427	1.0735	1.5257	3.7559	.89332
Stddev	.0041	.0588	.00157	.00178	.0017	.0116	.0385	.00636
%RSD	.16056	1.0428	.15850	.25676	.15569	.75862	1.0257	.71161

#1	2.5378	5.6468	.99401	.69617	1.0727	1.5278	3.7609	.89273
#2	2.5301	5.6958	.99148	.69263	1.0754	1.5361	3.7917	.89995
#3	2.5364	5.5786	.99113	.69401	1.0723	1.5132	3.7151	.88727

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	.50647	.15345	.23616	.11693	1.4502	1.0793	.11688	.87858
Stddev	.00094	.00069	.00343	.00071	.0167	.0039	.00029	.00988
%RSD	.18609	.45281	1.4531	.60768	1.1489	.36401	.24541	1.1244

#1	.50657	.15394	.23596	.11647	1.4523	1.0779	.11718	.87689
#2	.50736	.15377	.23968	.11656	1.4325	1.0837	.11660	.88919
#3	.50548	.15266	.23283	.11775	1.4656	1.0762	.11686	.86965

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	.73709	.07995	.94357	.13551	.92538	1.2933	16.543
Stddev	.00090	.00021	.00882	.00024	.00311	.0181	.039
%RSD	.12255	.25649	.93513	.17861	.33615	1.4016	.23524

#1	.73607	.08012	.94051	.13577	.92267	1.2955	16.541
#2	.73777	.07972	.95351	.13529	.92878	1.3102	16.583
#3	.73744	.08000	.93668	.13549	.92470	1.2742	16.505

Sample Name: S2 Acquired: 08/21/2019 9:00:20 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v948) 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	1435.6	2317.4	30906.	5131.4	2548.5
Stddev	5.9	4.6	61.	67.7	3.0
%RSD	.41189	.19784	.19588	1.3188	.11854
#1	1442.4	2322.0	30917.	5159.6	2548.6
#2	1432.7	2317.6	30841.	5054.2	2551.5
#3	1431.7	2312.8	30960.	5180.4	2545.4

Sample Name: S3 Acquired: 08/21/2019 9:04:12 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v948) 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	.17871	.21204	3.2398	.30718	.54067	7.9636	24.448	1.9367
Stddev	.00033	.00121	.0107	.00063	.00141	.0416	.174	.0109
%RSD	.18475	.56899	.32983	.20353	.26102	.52207	.71310	.56225

#1	.17886	.21163	3.2445	.30768	.54043	7.9311	24.406	1.9274
#2	.17894	.21109	3.2275	.30738	.54219	8.0104	24.639	1.9487
#3	.17833	.21340	3.2473	.30648	.53940	7.9492	24.298	1.9342

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	4.8890	11.130	1.9458	1.3661	2.1225	2.9920	7.3535	1.7767
Stddev	.0100	.077	.0004	.0024	.0053	.0163	.0548	.0113
%RSD	.20531	.69169	.02208	.17642	.24980	.54362	.74575	.63324

#1	4.8921	11.097	1.9463	1.3641	2.1186	2.9809	7.3265	1.7700
#2	4.8778	11.218	1.9457	1.3655	2.1286	3.0107	7.4167	1.7897
#3	4.8971	11.076	1.9454	1.3688	2.1204	2.9844	7.3175	1.7704

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	.99847	.31161	.47605	.22993	2.9190	2.1365	.23235	1.7795
Stddev	.00322	.00068	.00277	.00081	.0039	.0061	.00095	.0111
%RSD	.32266	.21676	.58214	.35038	.13475	.28415	.40807	.62232

#1	.99476	.31227	.47482	.22974	2.9145	2.1305	.23132	1.7708
#2	1.0002	.31092	.47922	.22923	2.9212	2.1426	.23319	1.7919
#3	1.0005	.31163	.47411	.23081	2.9213	2.1364	.23254	1.7757

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	1.4872	.15831	1.8213	.27155	1.8497	2.6194	33.160
Stddev	.0017	.00077	.0093	.00064	.0053	.0243	.173
%RSD	.11184	.48537	.51198	.23693	.28547	.92792	.52082

#1	1.4862	.15859	1.8122	.27081	1.8480	2.6097	33.041
#2	1.4891	.15744	1.8308	.27182	1.8557	2.6470	33.358
#3	1.4863	.15890	1.8209	.27200	1.8455	2.6014	33.082

Sample Name: S3 Acquired: 08/21/2019 9:04:12 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v948) 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	1384.2	2257.1	30389.	5077.7	2531.7
Stddev	5.1	2.0	92.	50.9	6.3
%RSD	.36828	.08810	.30382	1.0024	.25077
#1	1390.0	2259.3	30412.	5119.0	2536.6
#2	1380.5	2255.4	30287.	5020.9	2534.0
#3	1382.2	2256.7	30467.	5093.2	2524.5

Sample Name: S4 Acquired: 08/21/2019 9:08:00 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v948) 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	.36660	.43649	6.5954	.62551	1.1177	16.265	49.545	3.8677
Stddev	.00104	.00090	.0109	.00209	.0029	.022	.045	.0276
%RSD	.28385	.20667	.16546	.33398	.26223	.13786	.09091	.71222

#1	.36742	.43644	6.6015	.62769	1.1159	16.264	49.507	3.8899
#2	.36543	.43562	6.6020	.62352	1.1162	16.243	49.533	3.8369
#3	.36696	.43742	6.5828	.62531	1.1211	16.288	49.595	3.8763

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	9.4273	22.372	3.8607	2.7153	4.2496	5.9631	14.630	3.6072
Stddev	.0142	.072	.0050	.0041	.0069	.0084	.026	.0102
%RSD	.15103	.32217	.13003	.15105	.16127	.14023	.17648	.28216

#1	9.4382	22.319	3.8580	2.7154	4.2546	5.9621	14.614	3.5968
#2	9.4325	22.342	3.8665	2.7194	4.2525	5.9553	14.615	3.6077
#3	9.4112	22.454	3.8576	2.7112	4.2418	5.9720	14.659	3.6171

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	1.9877	.64089	.97534	.45959	6.0551	4.3520	.46831	3.6280
Stddev	.0057	.00274	.00219	.00129	.0445	.0071	.00235	.0249
%RSD	.28616	.42767	.22443	.27971	.73452	.16404	.50275	.68499

#1	1.9822	.63795	.97550	.46095	6.0301	4.3438	.46723	3.6480
#2	1.9936	.64338	.97308	.45943	6.1065	4.3569	.46669	3.6002
#3	1.9873	.64134	.97745	.45839	6.0287	4.3554	.47101	3.6357

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	3.0658	.31717	3.5692	.55135	3.7376	5.4936	66.019	
Stddev	.0050	.00108	.0221	.00112	.0016	.0294	1.132	
%RSD	.16348	.34101	.61973	.20311	.04229	.53492	1.7139	

#1	3.0643	.31763	3.5851	.55264	3.7391	5.4675	64.724	
#2	3.0618	.31593	3.5439	.55061	3.7360	5.4878	66.516	
#3	3.0714	.31794	3.5784	.55079	3.7375	5.5255	66.817	

Sample Name: S4 Acquired: 08/21/2019 9:08:00 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v948) 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	1295.2	2150.3	29654.	4979.3	2484.4
Stddev	9.6	3.9	299.	17.5	3.9
%RSD	.74028	.18183	1.0080	.35054	.15845
#1	1304.6	2147.1	29963.	4997.3	2481.8
#2	1285.4	2154.7	29366.	4978.3	2482.6
#3	1295.4	2149.2	29634.	4962.4	2489.0

Sample Name: S5 Acquired: 08/21/2019 9:11:53 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v948) 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	.76669	.90988	13.640	1.3070	2.3761	33.331	97.959	7.6350
Stddev	.00267	.00264	.052	.0033	.0042	.056	1.142	.0319
%RSD	.34828	.29040	.38175	.25049	.17836	.16833	1.1655	.41819

#1	.76897	.90756	13.635	1.3098	2.3809	33.301	96.986	7.6718
#2	.76736	.90933	13.590	1.3034	2.3743	33.396	99.216	7.6175
#3	.76376	.91276	13.694	1.3077	2.3730	33.297	97.674	7.6156

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	18.495	44.597	7.5574	5.4775	8.5181	11.754	28.844	7.2794
Stddev	.100	.210	.0215	.0225	.0331	.047	.149	.0256
%RSD	.54177	.47176	.28496	.41052	.38901	.39835	.51512	.35233

#1	18.444	44.509	7.5753	5.4680	8.4827	11.735	28.770	7.2740
#2	18.431	44.837	7.5335	5.4613	8.5232	11.808	29.015	7.3073
#3	18.611	44.445	7.5635	5.5032	8.5484	11.720	28.746	7.2569

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	3.9632	1.3114	1.9896	.90888	12.995	8.8991	.94532	7.2792
Stddev	.0089	.0030	.0047	.00594	.196	.0191	.00193	.0502
%RSD	.22516	.22590	.23567	.65334	1.5047	.21494	.20450	.68984

#1	3.9584	1.3148	1.9845	.90751	12.774	8.8771	.94333	7.3371
#2	3.9578	1.3100	1.9909	.91539	13.144	8.9081	.94719	7.2488
#3	3.9735	1.3094	1.9936	.90376	13.067	8.9120	.94546	7.2516

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	6.4849	.65480	7.0131	1.1305	7.5511	11.531	130.47	
Stddev	.0028	.00167	.0457	.0018	.0104	.066	.76	
%RSD	.04301	.25494	.65219	.15806	.13842	.57221	.58597	

#1	6.4879	.65368	7.0658	1.1303	7.5407	11.498	130.21	
#2	6.4842	.65399	6.9833	1.1289	7.5616	11.607	129.86	
#3	6.4825	.65672	6.9902	1.1325	7.5510	11.488	131.33	

Sample Name: S5 Acquired: 08/21/2019 9:11:53 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v948) 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	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1170.6	2000.4	29189.	4940.1	2418.2
Stddev	13.7	1.0	151.	28.9	7.2
%RSD	1.1695	.04855	.51624	.58446	.29744
#1	1182.9	1999.5	29231.	4929.8	2421.5
#2	1155.8	2001.4	29022.	4917.9	2423.1
#3	1173.0	2000.2	29314.	4972.8	2409.9

Sample Name: S6 Acquired: 08/21/2019 9:15:57 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v948) 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	87.257	72.119	31.217	12.053	5.4870
Stddev	1.371	1.082	.288	.136	.0408
%RSD	1.5710	1.5007	.92121	1.1275	.74366

#1	86.992	71.782	31.012	11.953	5.4592
#2	86.039	71.246	31.093	11.999	5.4680
#3	88.742	73.330	31.546	12.208	5.5339

Int. Std.	Y_3710
Units	Cts/S
Avg	4783.0
Stddev	52.0
%RSD	1.0871

#1	4818.0
#2	4807.8
#3	4723.2

Sample Name: ICV Acquired: 08/21/2019 9:20:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v948) 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	.9091734	.9522760	.9280848	.9635781	.9604286	2.315360
Stddev	.0057287	.0001055	.0052735	.0041027	.0022353	.021138
%RSD	.6301017	.0110820	.5682146	.4257762	.2327371	.9129386

#1	.9144195	.9523289	.9334146	.9600797	.9628487	2.319737
#2	.9100400	.9521545	.9279704	.9625609	.9599956	2.333966
#3	.9030608	.9523447	.9228695	.9680937	.9584415	2.292376

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4912309	.4746559	.5311305	10.07698	.5182663	.4921482
Stddev	.0028818	.0014023	.0008007	.09625	.0017094	.0003846
%RSD	.5866424	.2954258	.1507529	.9551769	.3298258	.0781559

#1	.4918770	.4760739	.5302299	10.11220	.5182860	.4917409
#2	.4937347	.4746239	.5313995	10.15066	.5165472	.4925053
#3	.4880809	.4732699	.5317620	9.96808	.5199658	.4921983

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4603122	5.194849	.4928408	5.678451	.5151408	.4639061
Stddev	.0023430	.032969	.0023861	.016168	.0003170	.0015785
%RSD	.5090028	.6346508	.4841440	.2847237	.0615431	.3402564

#1	.4600658	5.207637	.4924516	5.686650	.5150881	.4625802
#2	.4627687	5.219508	.4953975	5.688877	.5148533	.4634859
#3	.4581021	5.157401	.4906732	5.659826	.5154808	.4656521

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.160276	.4922328	.9958844	9.093642	F .0016217	F .0090914
Stddev	.074520	.0056751	.0008338	.017777	.0008329	.0004692
%RSD	.8135118	1.152929	.0837252	.1954849	51.36087	5.161134

#1	9.075193	.4881231	.9953652	9.097551	.0006614	.0095961
#2	9.191690	.4987080	.9954418	9.074237	.0020558	.0090094
#3	9.213946	.4898674	.9968462	9.109140	.0021479	.0086685

Sample Name: ICV Acquired: 08/21/2019 9:20:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v948) 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 .0025367	F .0044363	F .0031025	F -.001220	F .0009395	F -.000552
Stddev	.0005893	.0021300	.0010354	.000736	.0009300	.000836
%RSD	23.23175	48.01278	33.37233	60.36817	98.98750	151.4351
#1	.0029656	.0052503	.0020892	-.001845	.0018586	.000406
#2	.0027799	.0020194	.0041586	-.000408	-.000001	-.000930
#3	.0018647	.0060393	.0030598	-.001407	.000961	-.001134

Elem	Sr4077
Units	ppm
Avg	F .0112953
Stddev	.0001290
%RSD	1.141799
#1	.0112168
#2	.0114441
#3	.0112248

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1454.045	2362.469	30816.06	5083.250	2533.253
Stddev	2.985	7.142	122.46	11.411	3.897
%RSD	.2052640	.3023238	.3973878	.2244846	.1538270
#1	1456.425	2356.707	30908.49	5075.199	2532.006
#2	1450.697	2370.460	30862.53	5078.243	2537.620
#3	1455.015	2360.241	30677.17	5096.309	2530.132

Sample Name: ICB Acquired: 08/21/2019 9:29:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v948) 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	-.000032	.0025209	-.000751	-.002086	.0016179	.0081186	-.000126
Stddev	.003134	.0026969	.001756	.001556	.0019427	.0027034	.000392
%RSD	9859.732	106.9827	233.8070	74.57368	120.0740	33.29883	311.6578

#1	-.000230	.0002148	-.002766	-.000536	.0006530	.0108087	.000018
#2	.003196	.0054864	.000068	-.002074	.0038541	.0081451	.000174
#3	-.003062	.0018615	.000446	-.003647	.0003466	.0054021	-.000569

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000143	-.000022	-.001900	.0005581	-.000122	.0031112	.0075357
Stddev	.0000386	.000060	.007324	.0003305	.000137	.0015657	.0020748
%RSD	269.6178	272.6008	385.4945	59.21865	112.1174	50.32380	27.53263

#1	.0000555	-.000006	-.008146	.0007277	-.000280	.0047983	.0052126
#2	.0000087	.000029	-.003713	.0001773	-.000027	.0017051	.0081903
#3	-.000021	-.000088	.006160	.0007695	-.000060	.0028301	.0092042

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004010	.0184352	.0000595	.0013110	-.316483	-.002492	.0007288
Stddev	.0003537	.0166874	.0003995	.0002055	.099233	.000748	.0021725
%RSD	88.21066	90.51911	670.9304	15.67351	31.35499	30.01147	298.1056

#1	.0001841	.0336897	.0000153	.0011906	-.343009	-.001975	.0022555
#2	.0002097	.0006127	-.000316	.0015483	-.399758	-.002152	.0016893
#3	.0008092	.0210033	.000479	.0011942	-.206682	-.003350	-.001758

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.120633	-.000183	.0008867	.0005985	-.003585	-.002225	-.002825
Stddev	.090817	.001299	.0005763	.0002412	.002344	.000855	.001010
%RSD	75.28367	711.1802	64.98872	40.30196	65.38656	38.41413	35.75250

#1	-.225096	-.001622	.0014737	.0006441	-.004201	-.001367	-.002360
#2	-.076362	.000901	.0003218	.0003378	-.000994	-.002230	-.002132
#3	-.060441	.000173	.0008647	.0008137	-.005559	-.003076	-.003984

Sample Name: ICB Acquired: 08/21/2019 9:29:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v948) 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	.0013687	-.003903	-.000046
Stddev	.0010713	.000978	.000026
%RSD	78.27374	25.04707	56.38549

#1	.0009294	-.004421	-.000072
#2	.0005868	-.004512	-.000020
#3	.0025899	-.002775	-.000047

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1449.889	2342.162	30355.03	5030.274	2455.907
Stddev	10.413	4.012	212.83	19.752	1.092
%RSD	.7181908	.1713134	.7011426	.3926603	.0444568

#1	1445.330	2345.090	30115.46	5051.370	2454.878
#2	1461.804	2343.807	30522.28	5027.232	2455.791
#3	1442.533	2337.588	30427.35	5012.219	2457.052

Sample Name: ICSAB Acquired: 08/21/2019 9:38:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v948) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0933462	.1092615	.0480065	.0551824	.6338450	238.9096
Stddev	.0030707	.0011480	.0023103	.0006834	.0028616	1.0727
%RSD	3.289629	1.050707	4.812409	1.238441	.4514633	.4490115

#1	.0960549	.1087187	.0458053	.0546676	.6333123	239.0791
#2	.0939735	.1084855	.0504122	.0559578	.6312873	239.8875
#3	.0900103	.1105802	.0478019	.0549219	.6369355	237.7622

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5290883	.5076945	1.053045	253.9517	.5671072	.5115714
Stddev	.0041481	.0061643	.001459	2.7208	.0015554	.0013040
%RSD	.7840164	1.214179	.1385503	1.071387	.2742704	.2549086

#1	.5291756	.5078668	1.053717	254.0139	.5688028	.5109958
#2	.5331921	.5137709	1.051371	256.6409	.5657466	.5106542
#3	.5248972	.5014459	1.054047	251.2004	.5667723	.5130642

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4682338	101.3643	.5244608	254.2853	1.025653	.2105288
Stddev	.0008387	.4047	.0034074	1.6183	.003160	.0007446
%RSD	.1791112	.3992754	.6497026	.6364135	.3081027	.3536602

#1	.4672696	101.4327	.5240222	254.1456	1.023813	.2096913
#2	.4686380	101.7304	.5280663	255.9689	1.023843	.2111157
#3	.4687939	100.9297	.5212939	252.7413	1.029302	.2107795

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.600360	.5077744	1.031748	-.304645	.0064034	.0043536
Stddev	.481119	.0039879	.010687	.034154	.0014793	.0027834
%RSD	80.13843	.7853706	1.035825	11.21091	23.10233	63.93348

#1	-1.02211	.5098392	1.023285	-.344082	.0052228	.0046687
#2	-.70265	.5103064	1.028202	-.285051	.0059245	.0014261
#3	-.07632	.5031774	1.043758	-.284803	.0080628	.0069661

Sample Name: ICSAB Acquired: 08/21/2019 9:38:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v948) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003833	F .0025110	F -.002514	-.005807	F -.000123	W -.003130
Stddev	.0005485	.0054719	.000966	.002200	.001107	.001213
%RSD	143.0788	217.9117	38.42207	37.88563	900.5132	38.76066
#1	-.000030	.0029683	-.002393	-.006809	-.001243	-.004378
#2	.001006	-.003175	-.001614	-.007326	.000971	-.003058
#3	.000175	.007740	-.003534	-.003284	-.000097	-.001955

Elem	Sr4077
Units	ppm
Avg	F .0999296
Stddev	.0001603
%RSD	.1603700
#1	.0999046
#2	.1001009
#3	.0997833

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1383.100	2260.824	29711.27	4925.136	2460.325
Stddev	12.566	4.536	165.76	51.513	5.748
%RSD	.9085617	.2006532	.5578909	1.045930	.2336096
#1	1397.364	2256.551	29892.56	4947.106	2455.822
#2	1378.272	2265.584	29673.79	4866.280	2466.798
#3	1373.663	2260.336	29567.47	4962.021	2458.353

Sample Name: ICSA Acquired: 08/21/2019 9:34:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v948) 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	.0032869	.0040543	-.003585	.0029337	.0029386	234.9318
Stddev	.0007876	.0006610	.002126	.0013761	.0011541	.6311
%RSD	23.96183	16.30381	59.31903	46.90615	39.27376	.2686385

#1	.0025057	.0038224	-.001228	.0020118	.0036691	234.7137
#2	.0032742	.0048000	-.004167	.0045155	.0035387	234.4387
#3	.0040808	.0035405	-.005359	.0022739	.0016081	235.6431

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063052	.0011457	-.000890	250.3144	.0481514	.0003702
Stddev	.0003933	.0000853	.000127	1.3682	.0004356	.0002024
%RSD	6.237857	7.442170	14.25863	.5465821	.9046500	54.67289

#1	.0058516	.0010782	-.000969	249.1278	.0476737	.0005149
#2	.0065121	.0011172	-.000744	250.0043	.0485266	.0004567
#3	.0065519	.0012415	-.000957	251.8109	.0482540	.0001389

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049430	99.88461	.0147472	250.7808	-.000815	-.001038
Stddev	.0009824	.43131	.0004641	1.1408	.000459	.000474
%RSD	19.87561	.4318045	3.147374	.4549118	56.27985	45.64274

#1	.0060653	99.45119	.0143518	249.5276	-.000503	-.001459
#2	.0045251	99.88889	.0146315	251.0561	-.001342	-.001129
#3	.0042386	100.3138	.0152582	251.7589	-.000600	-.000525

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.917572	-.000489	-.001690	-.156605	.0051190	.0071201
Stddev	.184838	.001026	.000599	.066646	.0009751	.0017759
%RSD	20.14423	210.0231	35.45616	42.55650	19.04904	24.94232

#1	-.963229	.000353	-.001439	-.084441	.0060980	.0091684
#2	-.714184	-.000188	-.002374	-.169537	.0041478	.0061807
#3	-1.07530	-.001631	-.001257	-.215837	.0051114	.0060111

Sample Name: ICSA Acquired: 08/21/2019 9:34:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v948) 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	.0002075	F .0039185	F -.003299	-.003709	F -.001226	W -.002456
Stddev	.0001918	.0038424	.000913	.001327	.000876	.001205
%RSD	92.42743	98.05792	27.68621	35.78286	71.44517	49.08257
#1	.0003001	.0005969	-.004247	-.005024	-.000263	-.001976
#2	.0003353	.0030319	-.002425	-.003733	-.001975	-.003827
#3	-.000013	.0081267	-.003223	-.002370	-.001440	-.001564

Elem	Sr4077
Units	ppm
Avg	F .0984749
Stddev	.0002203
%RSD	.2237020
#1	.0987166
#2	.0982853
#3	.0984228

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1376.784	2267.600	29431.43	4948.792	2467.461
Stddev	9.722	3.280	116.71	27.202	8.204
%RSD	.7061312	.1446305	.3965362	.5496717	.3324997
#1	1367.406	2266.279	29296.67	4970.607	2461.974
#2	1386.817	2265.187	29498.20	4957.456	2463.516
#3	1376.128	2271.334	29499.43	4918.313	2476.892

Sample Name: CCB047 Acquired: 08/21/2019 9:46:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v948) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB047 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002088	.0001244	-.000486	.0008365	.0014069	.0186291	.0008166
Stddev	.001244	.0008581	.001116	.0002961	.0013919	.0090307	.0005363
%RSD	59.57590	689.9597	229.3457	35.39432	98.93762	48.47627	65.67224

#1	-.000806	-.000732	-.001597	.0011154	.0018985	.0289136	.0008448
#2	-.003290	.000120	-.000496	.0005258	.0024862	.0149784	.0002668
#3	-.002169	.000984	.000634	.0008682	-.000164	.0119953	.0013383

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000420	.0000631	.0219429	.0011052	.0000145	.0090707	.0227673
Stddev	.0000066	.0000353	.0027194	.0004641	.0003180	.0067966	.0085835
%RSD	15.62898	55.91313	12.39318	41.99270	2187.971	74.92933	37.70117

#1	.0000484	.0000224	.0225743	.0005718	.0003292	.0051138	.0326787
#2	.0000353	.0000849	.0242911	.0014170	.0000210	.0051796	.0177845
#3	.0000423	.0000821	.0189633	.0013267	-.000307	.0169187	.0178387

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009549	.0478623	-.000080	.0002691	-.287486	-.001197	.0031401
Stddev	.0000644	.0150771	.000178	.0002019	.092435	.001346	.0006198
%RSD	6.749704	31.50107	220.7991	75.04988	32.15276	112.4971	19.73908

#1	.0009089	.0380339	-.000210	.0004020	-.183473	-.001949	.0026693
#2	.0009271	.0652212	-.000153	.0003685	-.318750	-.001999	.0029086
#3	.0010285	.0403317	.000122	.0000367	-.360234	.000358	.0038423

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000505	.0003283	.0078363	.0012082	-.005026	-.001521	-.001171
Stddev	.127344	.0004346	.0001297	.0008219	.003395	.000588	.000782
%RSD	25238.08	132.4088	1.655300	68.02534	67.55228	38.69590	66.77582

#1	-.006457	.0003910	.0077095	.0019705	-.008884	-.000853	-.000775
#2	-.124768	.0007281	.0079688	.0013165	-.003694	-.001965	-.000666
#3	.129711	-.000134	.0078308	.0003375	-.002499	-.001744	-.002072

Sample Name: CCB047 Acquired: 08/21/2019 9:46:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v948) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB047 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0013556	-.002026	.0002761
Stddev	.0008026	.001257	.0000684
%RSD	59.20674	62.03464	24.76543

#1	.0018380	-.000845	.0002477
#2	.0017995	-.001886	.0003540
#3	.0004291	-.003347	.0002264

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1446.746	2342.476	30273.11	4955.037	2456.032
Stddev	7.729	4.612	144.49	47.403	6.453
%RSD	.5342062	.1968848	.4772955	.9566606	.2627500

#1	1444.686	2343.164	30257.21	4904.491	2449.297
#2	1440.256	2346.706	30137.22	4998.499	2462.161
#3	1455.295	2337.559	30424.89	4962.122	2456.639

Sample Name: CCV047 Acquired: 08/21/2019 9:42:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v948) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV047 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.924405	5.195023	25.34660	5.037348	5.092534	420.2081	10.53974
Stddev	.001134	.009526	.02938	.012395	.009291	2.0653	.09565
%RSD	.0230223	.1833754	.1159147	.2460613	.1824369	.4915007	.9075168

#1	4.923500	5.191239	25.31537	5.050120	5.095892	419.8134	10.54875
#2	4.925677	5.205860	25.37369	5.025368	5.082032	418.3686	10.43990
#3	4.924039	5.187970	25.35075	5.036556	5.099679	422.4423	10.63056

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5242094	2.468881	418.3279	15.42613	2.533234	15.24832	416.7329
Stddev	.0036858	.003892	4.1183	.06002	.005929	.01928	2.8663
%RSD	.7031144	.1576230	.9844788	.3891022	.2340623	.1264249	.6878056

#1	.5228391	2.465546	418.7342	15.36316	2.528636	15.26157	417.2214
#2	.5214051	2.473157	414.0214	15.48269	2.539926	15.22621	413.6537
#3	.5283841	2.467940	422.2280	15.43255	2.531140	15.25719	419.3236

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.42634	426.6421	2.534818	1.314992	407.5569	2.545052	15.03479
Stddev	.12901	2.4337	.006600	.002401	2.4447	.021676	.05148
%RSD	.8362735	.5704391	.2603823	.1826177	.5998388	.8516879	.3423828

#1	15.44419	427.3167	2.527323	1.316175	407.1215	2.536851	15.07040
#2	15.28934	423.9422	2.537366	1.316572	405.3591	2.528673	15.05819
#3	15.54550	428.6674	2.539764	1.312228	410.1900	2.569632	14.97576

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	155.5314	5.116329	5.287844	4.931158	5.086633	5.223080	5.085776
Stddev	.3765	.006554	.043780	.006593	.014098	.036853	.008641
%RSD	.2420697	.1281029	.8279437	.1337043	.2771510	.7055877	.1698972

#1	155.9544	5.110628	5.274401	4.934701	5.101549	5.213697	5.079155
#2	155.2331	5.114870	5.252361	4.923551	5.084823	5.191825	5.095550
#3	155.4066	5.123490	5.336769	4.935222	5.073528	5.263718	5.082622

Sample Name: CCV047 Acquired: 08/21/2019 9:42:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v948) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV047 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.134947	5.364880	5.115446
Stddev	.036911	.063711	.054357
%RSD	.7188262	1.187552	1.062609

#1	5.126531	5.365225	5.177940
#2	5.102970	5.300998	5.089254
#3	5.175339	5.428418	5.079144

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1251.846	2111.721	29068.19	4773.225	2437.284
Stddev	9.370	2.080	130.30	33.912	4.619
%RSD	.7484944	.0985072	.4482506	.7104643	.1895319

#1	1241.456	2109.344	28955.07	4754.056	2440.384
#2	1254.428	2113.207	29038.84	4812.380	2431.975
#3	1259.655	2112.613	29210.66	4753.238	2439.494

Sample Name: CCV048 Acquired: 08/21/2019 11:22:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v948) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV048 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.986587	5.188669	25.65768	5.146910	5.100287	425.0088
Stddev	.010194	.022976	.07647	.013462	.004242	1.1850
%RSD	.2044223	.4428157	.2980457	.2615538	.0831787	.2788083

#1	4.976556	5.164028	25.62272	5.152974	5.095521	425.7669
#2	4.986268	5.192473	25.60493	5.131482	5.103649	423.6433
#3	4.996936	5.209505	25.74538	5.156273	5.101693	425.6161

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.78243	.5345044	2.517110	428.5994	15.35161	2.564200
Stddev	.01641	.0038156	.009363	.9974	.04757	.005135
%RSD	.1521541	.7138635	.3719605	.2327030	.3098468	.2002378

#1	10.77226	.5379855	2.510458	428.3606	15.38402	2.562235
#2	10.80135	.5351027	2.513056	429.6945	15.37382	2.560339
#3	10.77367	.5304249	2.527817	427.7432	15.29701	2.570027

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.24770	418.1059	15.55046	428.0121	2.520743	1.349323
Stddev	.02335	1.5896	.06578	1.5298	.005093	.002468
%RSD	.1531266	.3802018	.4229897	.3574169	.2020505	.1828751

#1	15.22244	418.0327	15.54452	426.6186	2.515687	1.352110
#2	15.25217	419.7308	15.61901	429.6490	2.520671	1.347416
#3	15.26849	416.5541	15.48786	427.7688	2.525872	1.348442

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	416.3651	2.547488	14.74642	156.7488	5.180122	5.407228
Stddev	.6396	.009442	.15114	.1785	.026420	.030404
%RSD	.1536204	.3706502	1.024906	.1138453	.5100291	.5622846

#1	415.7215	2.538384	14.57744	156.5805	5.154068	5.437085
#2	417.0006	2.546843	14.86869	156.7301	5.179402	5.408294
#3	416.3731	2.557235	14.79314	156.9359	5.206894	5.376305

Sample Name: CCV048 Acquired: 08/21/2019 11:22:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v948) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV048 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.959056	5.239497	5.330457	5.128947	5.198573	F 5.545341
Stddev	.004929	.037488	.037825	.014408	.016758	.022846
%RSD	.0993997	.7154903	.7095996	.2809073	.3223558	.4119870

#1	4.953369	5.208089	5.368106	5.117854	5.207894	5.542368
#2	4.962110	5.229405	5.330808	5.123756	5.208600	5.569528
#3	4.961688	5.280999	5.292459	5.145231	5.179227	5.524127

Elem	Sr4077
Units	ppm
Avg	5.209909
Stddev	.037492
%RSD	.7196252

#1	5.251587
#2	5.199208
#3	5.178930

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1228.830	2083.131	28405.52	4676.909	2405.775
Stddev	7.363	2.409	43.50	15.583	6.954
%RSD	.5992094	.1156260	.1531420	.3331835	.2890526

#1	1235.798	2084.492	28455.72	4669.776	2411.957
#2	1221.127	2080.350	28378.85	4666.170	2407.121
#3	1229.565	2084.552	28381.99	4694.782	2398.246

Sample Name: CCB048 Acquired: 08/21/2019 11:26:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v948) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB048 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027667	.0014847	.0010596	-.001064	-.001165	.0146075	.0001884
Stddev	.0019275	.0018121	.0008689	.000771	.002088	.0051739	.0002962
%RSD	69.66932	122.0523	82.00475	72.39682	179.2074	35.41924	157.2164

#1	.0011981	-.000292	.0001758	-.000554	-.001079	.0112019	-.000129
#2	.0021835	.001417	.0019129	-.001951	-.003295	.0205613	.000457
#3	.0049184	.003330	.0010901	-.000689	.000879	.0120594	.000237

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000006	.0000491	.0099229	.0007283	-.000160	.0085323	.0059507
Stddev	.000041	.0000560	.0128843	.0004102	.000156	.0013882	.0046135
%RSD	691.2025	113.9878	129.8445	56.31784	97.42823	16.27013	77.52923

#1	-.000028	.0000518	.0165026	.0008596	.000004	.0072134	.0100840
#2	-.000031	.0001037	.0181888	.0002686	-.000179	.0099808	.0067945
#3	.000042	-.000008	-.004923	.0010568	-.000306	.0084027	.0009735

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000051	.0260026	.0001739	.0002092	-.268771	-.003240	.0008223
Stddev	.000247	.0207783	.0001459	.0003469	.106922	.000465	.0008448
%RSD	483.9359	79.90863	83.91942	165.7783	39.78159	14.33962	102.7394

#1	.000217	.0483413	.0003037	-.000187	-.170228	-.003758	.0012143
#2	-.000269	.0224145	.0000160	.000359	-.253630	-.003101	.0014000
#3	-.000101	.0072520	.0002019	.000456	-.382456	-.002861	-.000147

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0219800	.0004009	.0075298	.0013083	-.001044	-.000592	-.001589
Stddev	.0374796	.0008598	.0007333	.0001304	.001384	.000703	.001030
%RSD	170.5169	214.4378	9.738065	9.968797	132.4806	118.8606	64.85564

#1	.0308938	.0006141	.0083299	.0013540	-.002495	-.000200	-.001185
#2	.0541990	-.000545	.0073698	.0011612	.000261	-.000172	-.002760
#3	-.019153	.001134	.0068898	.0014098	-.000899	-.001403	-.000821

Sample Name: CCB048 Acquired: 08/21/2019 11:26:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v948) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB048 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0023924	.0041974	.0000767
Stddev	.0011520	.0012355	.0000769
%RSD	48.15244	29.43563	100.1960

#1	.0012721	.0049692	.0001032
#2	.0023315	.0027724	-.000010
#3	.0035737	.0048505	.000137

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1417.522	2303.952	29746.09	4874.211	2416.831
Stddev	8.649	4.296	167.71	6.139	2.093
%RSD	.6101734	.1864541	.5638091	.1259393	.0865964

#1	1409.553	2308.860	29632.69	4873.187	2414.423
#2	1416.293	2302.116	29666.84	4868.648	2417.850
#3	1426.720	2300.879	29938.74	4880.797	2418.219

Sample Name: K4259-04DLX2 Acquired: 08/21/2019 12:54:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v948) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METHOD4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0431735	.0019994	.0741013	.0027752	.0024408	51.22885	.2125631
Stddev	.0003123	.0016777	.0027451	.0014842	.0004252	.23848	.0015834
%RSD	.7234622	83.90755	3.704500	53.47912	17.41897	.4655274	.7449268

#1	.0430222	.0000972	.0747159	.0042129	.0027293	51.02079	.2108787
#2	.0429656	.0032678	.0764870	.0028642	.0026406	51.17664	.2127893
#3	.0435326	.0026332	.0711010	.0012486	.0019526	51.48911	.2140212

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045678	-.000295	494.6874	.0869501	.0622930	.1390872	128.3482
Stddev	.0000389	.000062	3.5000	.0007279	.0003372	.0016535	.9606
%RSD	.8514290	21.07832	.7075232	.8371982	.5413108	1.188817	.7484437

#1	.0045252	-.000349	492.1908	.0862645	.0625799	.1383509	127.4981
#2	.0045770	-.000310	493.1833	.0868717	.0623776	.1379298	128.1561
#3	.0046013	-.000227	498.6880	.0877140	.0619216	.1409810	129.3903

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.142071	88.63861	.1931398	-.001565	-.069659	.1157060	.4096463
Stddev	.020263	.61090	.0001428	.000353	.230222	.0023643	.0002404
%RSD	.9459438	.6891996	.0739306	22.54062	330.5002	2.043384	.0586892

#1	2.126987	88.01873	.1932833	-.001345	-.265348	.1181594	.4094406
#2	2.134123	88.65699	.1931382	-.001378	-.127639	.1134422	.4099106
#3	2.165103	89.24011	.1929977	-.001972	.184011	.1155163	.4095877

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.26591	2.761513	.0522348	.0379541	1.188414	5.452935	-.003456
Stddev	.16171	.022314	.0011278	.0008304	.008137	.071021	.001126
%RSD	1.575252	.8080217	2.159194	2.187824	.6846540	1.302435	32.57568

#1	10.25946	2.750011	.0524633	.0382872	1.181383	5.403224	-.003836
#2	10.10751	2.747297	.0532309	.0385662	1.186532	5.421306	-.004344
#3	10.43075	2.787231	.0510102	.0370089	1.197327	5.534276	-.002190

Sample Name: K4259-04DLX2 Acquired: 08/21/2019 12:54:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v948) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METHOD4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4841546	.1204490	.5960719
Stddev	.0056061	.0009208	.0011367
%RSD	1.157926	.7644468	.1907028

#1	.4829643	.1214660	.5955349
#2	.4792392	.1196720	.5953031
#3	.4902604	.1202090	.5973776

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1481.079	2430.852	32204.71	5210.127	2450.544
Stddev	16.228	1.970	247.30	47.574	6.416
%RSD	1.095683	.0810324	.7679100	.9131056	.2618265

#1	1488.418	2433.066	32248.91	5264.294	2453.446
#2	1462.478	2430.195	31938.28	5190.961	2454.995
#3	1492.341	2429.295	32426.93	5175.125	2443.189

Sample Name: CCB049 Acquired: 08/21/2019 13:02:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v948) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB049 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000485	.0009780	-.000615	-.000352	.0003392	.0168910	.0004141
Stddev	.002441	.0012467	.000764	.002085	.0003272	.0022559	.0002603
%RSD	503.1228	127.4694	124.2588	591.9861	96.43809	13.35556	62.85919

#1	-.001392	.0008424	-.000065	-.002745	.0006387	.0176209	.0001353
#2	-.002343	-.000195	-.000293	.001075	.0003890	.0143605	.0004563
#3	.002279	.002287	-.001487	.000613	-.000010	.0186915	.0006507

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000021	.0000401	.0115783	.0006518	-.000250	.0063726	.0218902
Stddev	.000064	.0001009	.0115117	.0001367	.000148	.0010326	.0097875
%RSD	302.3579	251.7655	99.42548	20.97508	59.13702	16.20418	44.71156

#1	.000053	.0001056	.0099188	.0006747	-.000146	.0068574	.0218362
#2	-.000059	-.000076	.0238296	.0007756	-.000185	.0070736	.0121299
#3	-.000058	.000091	.0009863	.0005051	-.000420	.0051868	.0317046

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003357	.0129115	.0000900	.0001746	-.402861	-.001788	.0027923
Stddev	.0000598	.0181434	.0002709	.0002938	.134582	.001772	.0024546
%RSD	17.79840	140.5212	300.9898	168.2257	33.40665	99.10511	87.90451

#1	.0002886	-.007966	.0001537	.0005034	-.556767	-.003142	-.000008
#2	.0003156	.021840	-.000207	.0000827	-.307276	.000218	.003815
#3	.0004029	.024861	.000323	-.000062	-.344540	-.002441	.004570

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.113433	-.001184	.0050569	.0015739	-.006050	.0001510	-.000876
Stddev	.031061	.001396	.0010270	.0002983	.002860	.0023344	.000743
%RSD	27.38278	117.9587	20.30854	18.94957	47.27653	1546.114	84.88498

#1	-.114016	-.002756	.0060920	.0019055	-.002785	.0028186	-.000388
#2	-.082084	-.000087	.0050405	.0013276	-.007250	-.000848	-.000508
#3	-.144198	-.000708	.0040382	.0014887	-.008115	-.001518	-.001732

Sample Name: CCB049 Acquired: 08/21/2019 13:02:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v948) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB049 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0014979	.0004445	.0001101
Stddev	.0008561	.0020516	.0000766
%RSD	57.15369	461.5322	69.50621

#1	.0007429	.0019631	.0001884
#2	.0013227	.0012598	.0001066
#3	.0024280	-.001889	.0000354

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1432.728	2320.679	29968.42	4806.060	2441.910
Stddev	6.337	6.125	193.49	32.965	4.441
%RSD	.4422712	.2639439	.6456579	.6859032	.1818580

#1	1429.625	2315.170	29828.29	4771.725	2437.124
#2	1428.540	2327.275	29887.77	4837.458	2445.898
#3	1440.018	2319.592	30189.19	4808.997	2442.708

Sample Name: CCV049 Acquired: 08/21/2019 12:58:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v948) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV049 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.945720	5.167304	25.22898	5.014053	5.105148	417.7515	10.69810
Stddev	.009099	.007366	.06237	.012956	.011279	2.1578	.07016
%RSD	.1839780	.1425494	.2471963	.2583886	.2209317	.5165153	.6557905

#1	4.955592	5.175520	25.30062	5.027968	5.111766	415.2605	10.62127
#2	4.937669	5.165101	25.19950	5.011854	5.092124	418.9506	10.75875
#3	4.943899	5.161290	25.18682	5.002338	5.111552	419.0434	10.71429

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5300893	2.450087	417.1773	15.43661	2.520026	15.09118	409.2360
Stddev	.0034034	.005416	3.5542	.07644	.003473	.03503	1.9182
%RSD	.6420433	.2210467	.8519758	.4952142	.1378128	.2321039	.4687270

#1	.5261778	2.455467	413.3190	15.35205	2.521600	15.05133	407.0917
#2	.5323742	2.450160	420.3179	15.45695	2.516044	15.10507	410.7888
#3	.5317158	2.444636	417.8950	15.50082	2.522433	15.11712	409.8276

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.12434	420.4941	2.538020	1.321930	411.5374	2.532699	14.31737
Stddev	.09401	2.7343	.003508	.002601	2.0366	.013049	.01950
%RSD	.6215903	.6502700	.1381983	.1967805	.4948699	.5152085	.1361918

#1	15.02466	417.3610	2.533977	1.319773	409.2342	2.518800	14.30759
#2	15.21141	422.3990	2.539826	1.321198	412.2779	2.544687	14.33982
#3	15.13695	421.7223	2.540256	1.324819	413.1001	2.534610	14.30470

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	157.7016	5.244174	5.335482	4.933290	5.101081	5.304699	5.070266
Stddev	.8611	.009046	.032186	.010682	.027596	.042926	.006993
%RSD	.5460316	.1724952	.6032460	.2165353	.5409903	.8092148	.1379284

#1	157.0069	5.242775	5.298478	4.937571	5.122203	5.255443	5.070889
#2	157.4329	5.253838	5.356979	4.921131	5.111184	5.324528	5.062982
#3	158.6650	5.235910	5.350990	4.941168	5.069858	5.334127	5.076927

Sample Name: CCV049 Acquired: 08/21/2019 12:58:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v948) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV049 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.058658	5.451965	5.199458
Stddev	.021380	.056734	.061939
%RSD	.4226395	1.040622	1.191253

#1	5.038674	5.394583	5.136305
#2	5.081203	5.508029	5.260106
#3	5.056096	5.453282	5.201963

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1232.635	2092.259	28522.76	4656.184	2419.067
Stddev	3.391	7.893	181.10	33.967	5.324
%RSD	.2750645	.3772334	.6349306	.7294924	.2200910

#1	1236.371	2086.490	28684.56	4695.242	2414.652
#2	1229.752	2101.254	28556.58	4639.747	2424.980
#3	1231.783	2089.034	28327.13	4633.563	2417.570