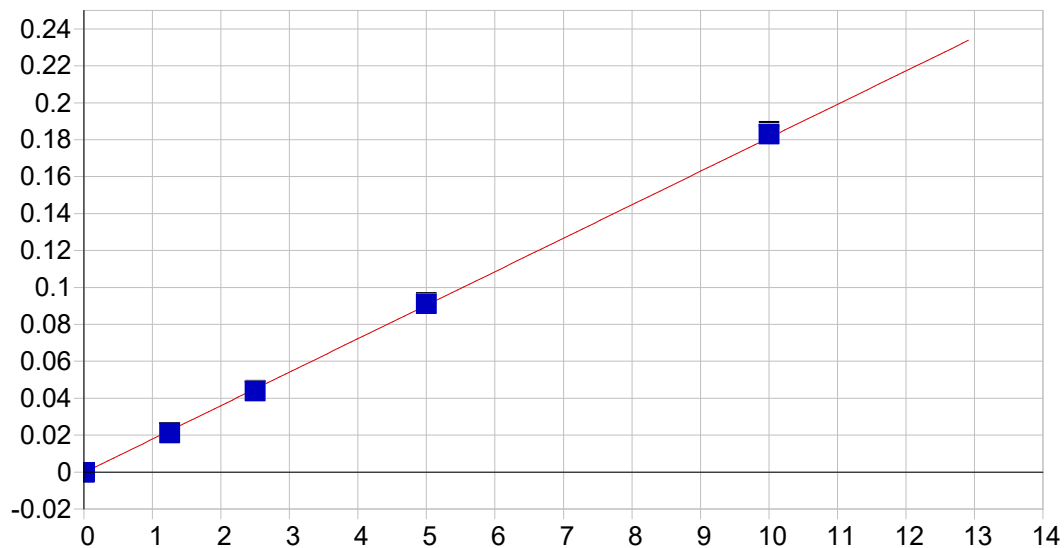


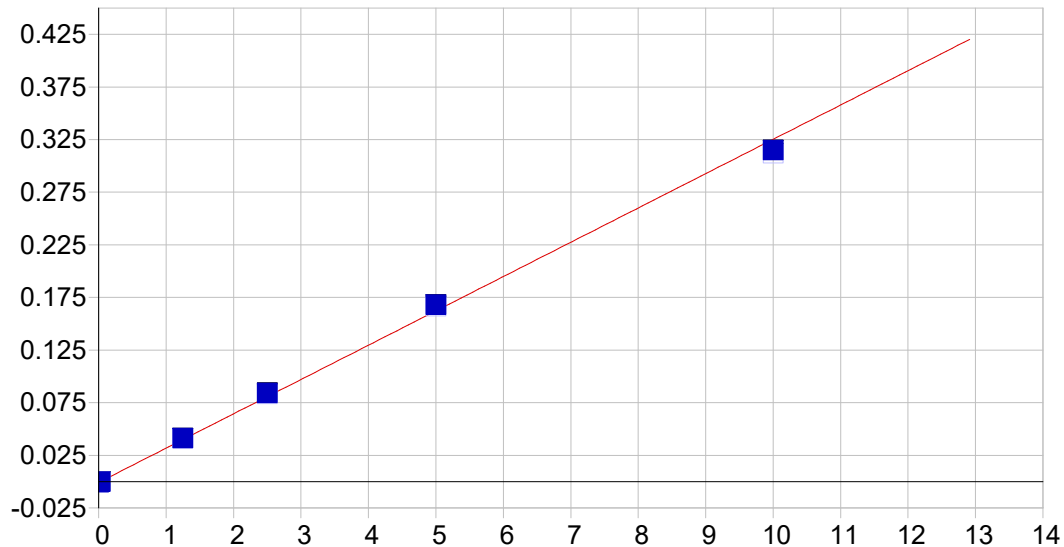


As 189.042 {479}

Date of Fit: 12/26/2021 14:09:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000280	Re-Slope:	1.000000
A1 (Gain):	0.018128	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999795	Status:	OK.
Std Error of Est:	0.000006		
Predicted MDL:	0.016020		
Predicted MQL:	0.053400		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00028	.000	1
S1	.01000	.01081	.001	8.13	-.00008	.000	1
S2	1.2500	1.1756	-.074	-5.95	.02109	.000	1
S3	2.5000	2.4314	-.069	-2.74	.04392	.000	1
S4	5.0000	5.0395	.040	.790	.09131	.000	1
S5	10.000	10.103	.103	1.03	.18333	.001	1

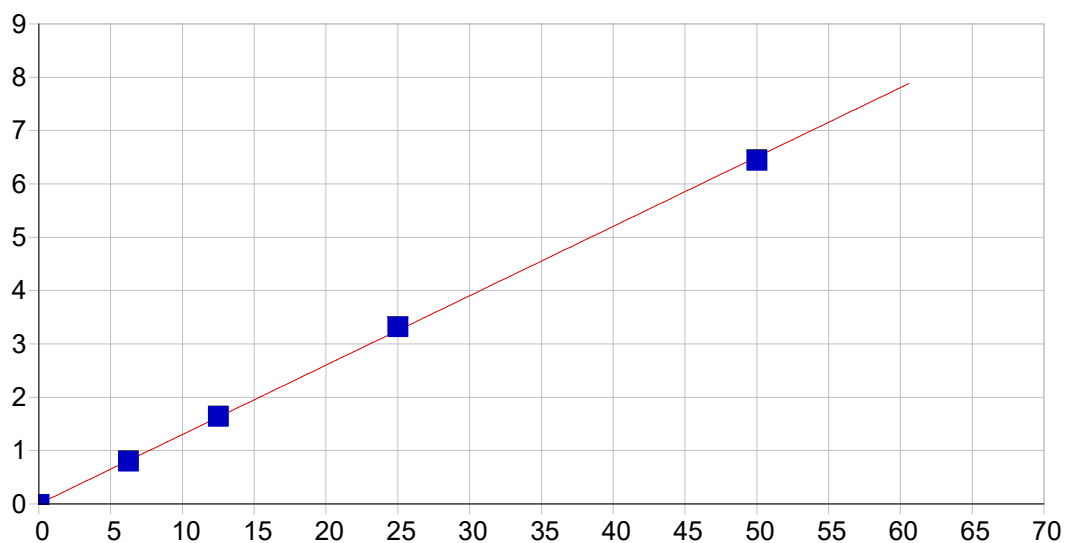


TI 190.856 {477}

Date of Fit: 12/26/2021 14:09:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000818 Re-Slope: 1.000000
 A1 (Gain): 0.032608 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999403 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 0.007410
 Predicted MQL: 0.024699

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00082	.000	1
S1	.02500	.02255	-.002	-9.80	-.00012	.000	1
S2	1.2500	1.2890	.039	3.12	.04084	.000	1
S3	2.5000	2.6020	.102	4.08	.08328	.000	1
S4	5.0000	5.1783	.178	3.57	.16655	.000	1
S5	10.000	9.6831	-.317	-3.17	.31196	.000	1

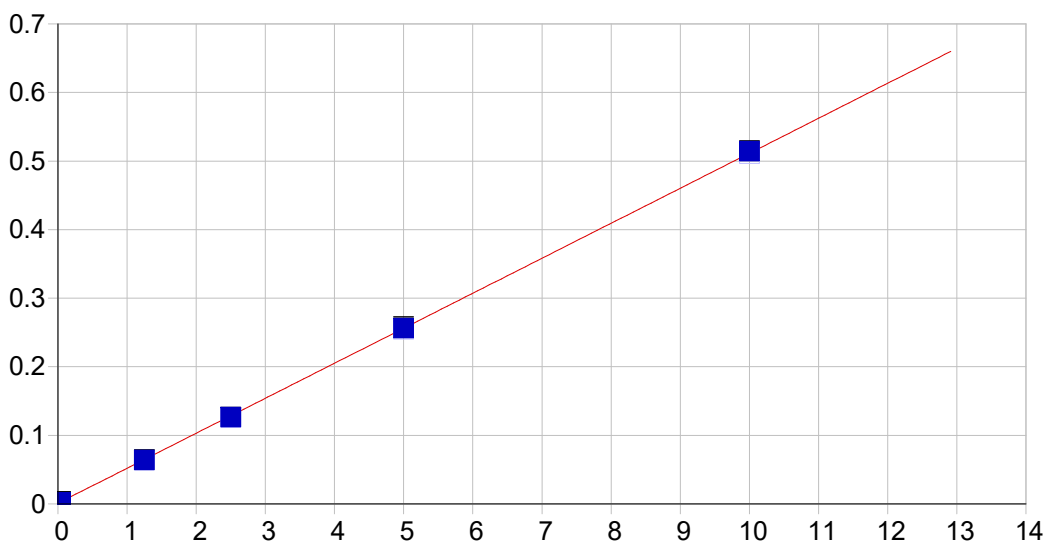


Pb 220.353 {453}

Date of Fit: 12/26/2021 14:09:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000224	Re-Slope:	1.000000
A1 (Gain):	0.130081	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999902	Status:	OK.
Std Error of Est:	0.000068		
Predicted MDL:	0.003631		
Predicted MQL:	0.012105		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00022	.000	1
S1	.01000	.00970	-.000	-2.95	.00149	.000	1
S2	6.2500	6.1370	-.113	-1.81	.79850	.003	1
S3	12.500	12.608	.108	.866	1.6403	.004	1
S4	25.000	25.508	.508	2.03	3.3183	.008	1
S5	50.000	49.497	-.503	-1.01	6.4386	.014	1

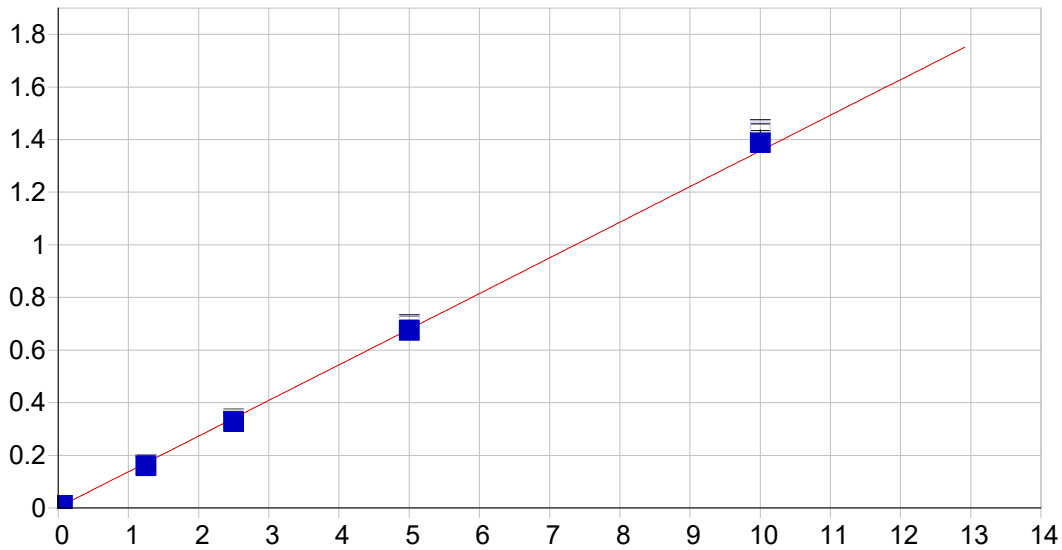


Se 196.090 {472}

Date of Fit: 12/26/2021 14:09:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000987	Re-Slope:	1.000000
A1 (Gain):	0.051034	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999968	Status:	OK.
Std Error of Est:	0.000013		
Predicted MDL:	0.008017		
Predicted MQL:	0.026722		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00099	.000	1
S1	.03500	.03378	-.001	-3.49	.00271	.000	1
S2	1.2500	1.2369	-.013	-1.05	.06365	.001	1
S3	2.5000	2.4580	-.042	-1.68	.12550	.000	1
S4	5.0000	5.0014	.001	.029	.25438	.002	1
S5	10.000	10.055	.055	.549	.51043	.001	1

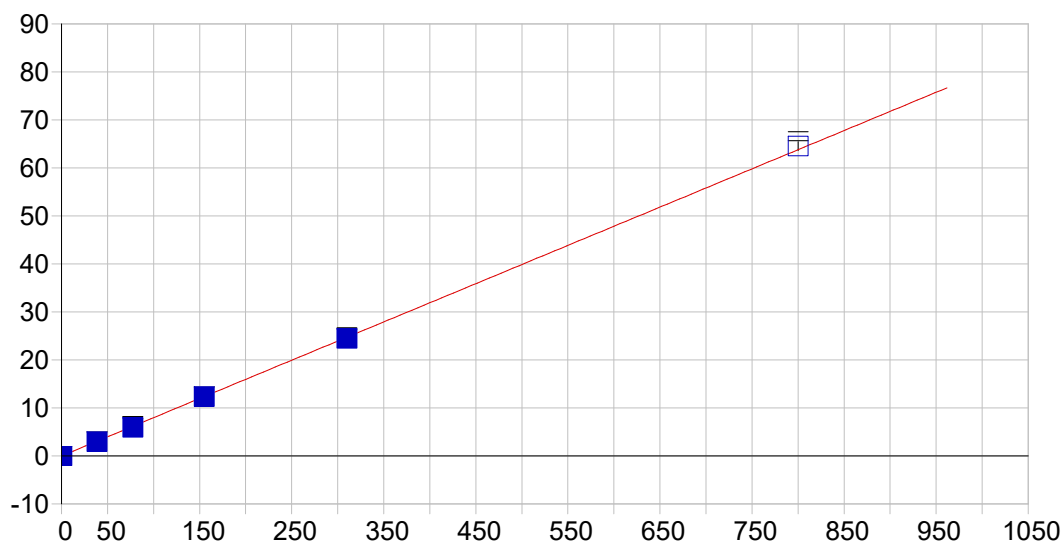


Sb 206.833 {463}

Date of Fit: 12/26/2021 14:09:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001984	Re-Slope:	1.000000
A1 (Gain):	0.135491	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999595	Status:	OK.
Std Error of Est:	0.000163		
Predicted MDL:	0.003772		
Predicted MQL:	0.012575		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00199	.000	1
S1	.06000	.05671	-.003	-5.48	.00967	.001	1
S2	1.2500	1.1633	-.087	-6.94	.16477	.001	1
S3	2.5000	2.3961	-.104	-4.15	.33698	.001	1
S4	5.0000	4.9621	-.038	-.759	.69498	.003	1
S5	10.000	10.232	.232	2.32	1.4297	.008	1

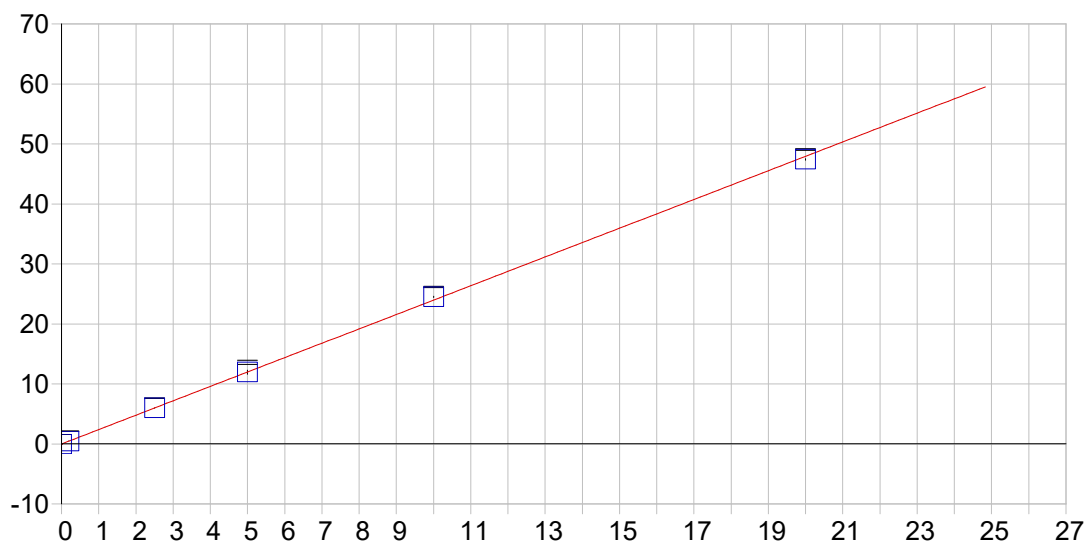


AI 396.152 { 85}

Date of Fit: 12/26/2021 14:13:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001526 Re-Slope: 1.000000
 A1 (Gain): 0.079743 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999868 Status: OK.
 Std Error of Est: 0.000805
 Predicted MDL: 0.009979
 Predicted MQL: 0.033263

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	-.00152	.000	1
S1	.20000	.18609	-.014	-6.95	.01334	.001	1
S2	38.750	37.021	-1.73	-4.46	2.9539	.007	1
S3	77.500	74.235	-3.27	-4.21	5.9247	.176	1
S4	155.00	154.37	-.631	-.407	12.321	.035	1
S5	310.00	306.46	-3.54	-1.14	24.463	.111	1
S6	800.00	809.19	9.19	1.15	64.526	.919	1

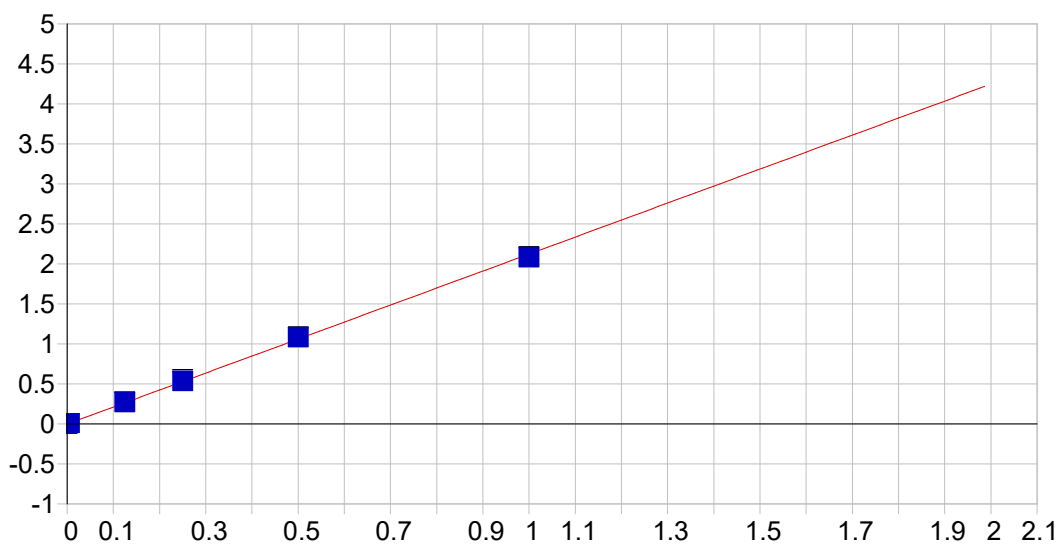


Ba 493.409 { 68}

Date of Fit: 12/26/2021 14:09:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003402 Re-Slope: 1.000000
 A1 (Gain): 2.396776 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999899 Status: OK.
 Std Error of Est: 0.003624
 Predicted MDL: 0.000578
 Predicted MQL: 0.001928

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00341	.001	1
S1	.20000	.20063	.001	.313	.47745	.008	1
S2	2.5000	2.4938	-.006	-.248	5.9737	.021	1
S3	5.0000	4.9875	-.012	-.250	11.951	.358	1
S4	10.000	10.231	.231	2.31	24.517	.118	1
S5	20.000	19.787	-.213	-1.06	47.422	.139	1

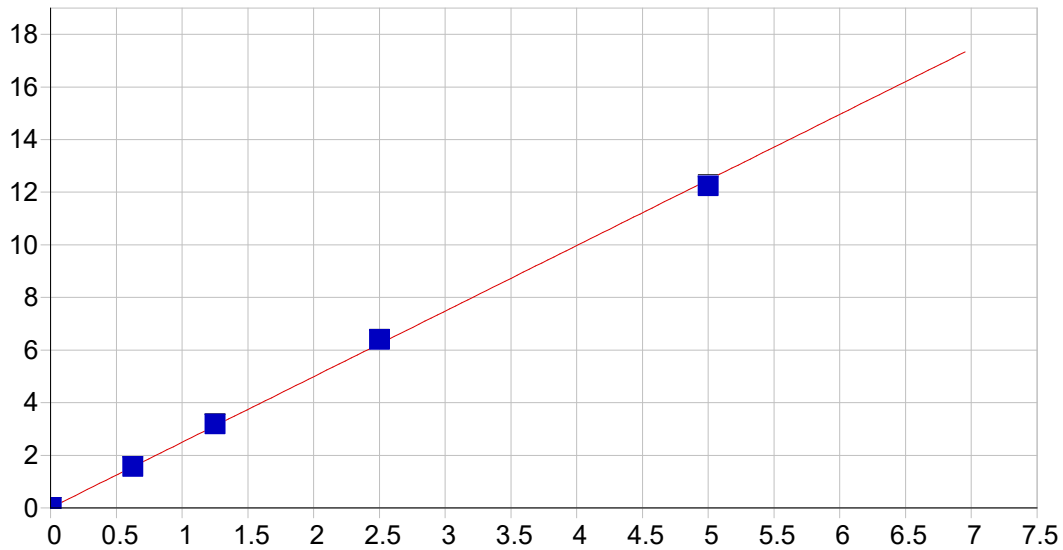


Be 234.861 {144}

Date of Fit: 12/26/2021 14:09:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001657	Re-Slope:	1.000000
A1 (Gain):	2.124745	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999777	Status:	OK.
Std Error of Est:	0.000168		
Predicted MDL:	0.000123		
Predicted MQL:	0.000411		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00166	.000	1
S1	.00500	.00559	.001	11.7	.01021	.000	1
S2	.12500	.12933	.004	3.46	.27244	.001	1
S3	.25000	.25371	.004	1.48	.53603	.018	1
S4	.50000	.51016	.010	2.03	1.0796	.005	1
S5	1.0000	.98122	-.019	-1.88	2.0777	.007	1

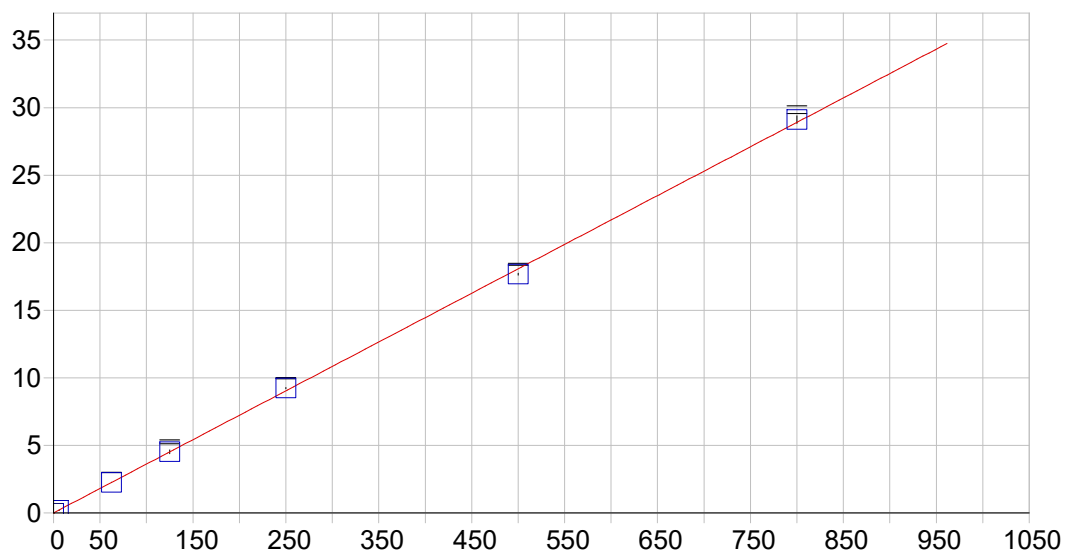


Cd 214.438 {457}

Date of Fit: 12/26/2021 14:09:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001930 Re-Slope: 1.000000
 A1 (Gain): 2.492779 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999787 Status: OK.
 Std Error of Est: 0.000432
 Predicted MDL: 0.000155
 Predicted MQL: 0.000515

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00193	.000	1
S1	.00500	.00535	.000	7.07	.01528	.000	1
S2	.62500	.62685	.002	.296	1.5676	.003	1
S3	1.2500	1.2762	.026	2.10	3.1894	.006	1
S4	2.5000	2.5650	.065	2.60	6.4081	.008	1
S5	5.0000	4.9066	-.093	-1.87	12.258	.034	1

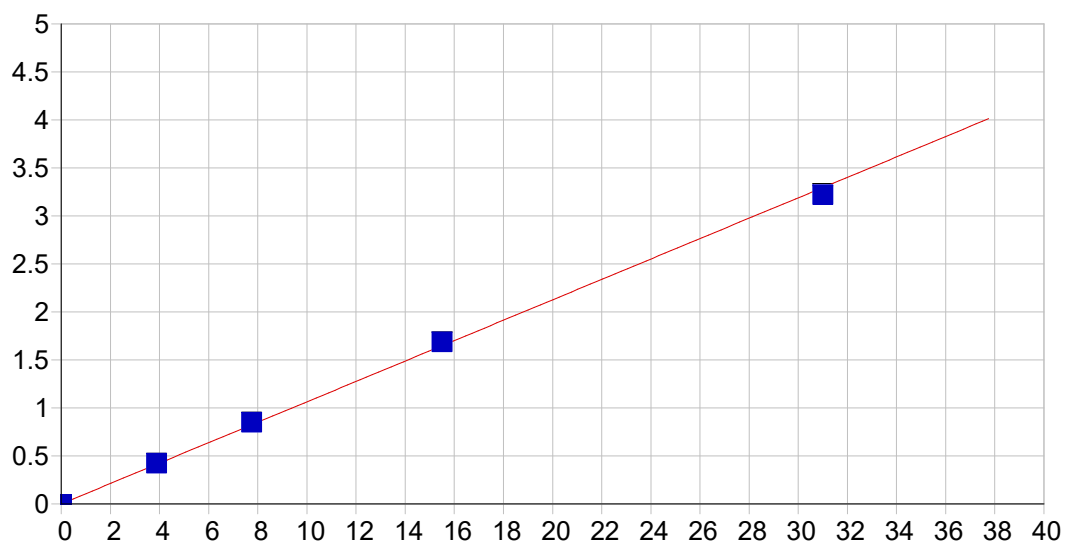


Ca 373.690 { 90}

Date of Fit: 12/26/2021 14:13:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001129 Re-Slope: 1.000000
 A1 (Gain): 0.036136 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999882 Status: OK.
 Std Error of Est: 0.001935
 Predicted MDL: 0.017170
 Predicted MQL: 0.057234

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00016	-.000	.000	.00112	.000	1
S1	5.0000	5.1339	.134	2.68	.18665	.002	1
S2	62.500	62.410	-.090	-.144	2.2564	.009	1
S3	125.00	125.21	.209	.167	4.5256	.139	1
S4	250.00	255.31	5.31	2.12	9.2270	.048	1
S5	500.00	488.75	-11.2	-2.25	17.663	.069	1
S6	800.00	805.68	5.68	.710	29.115	.284	1

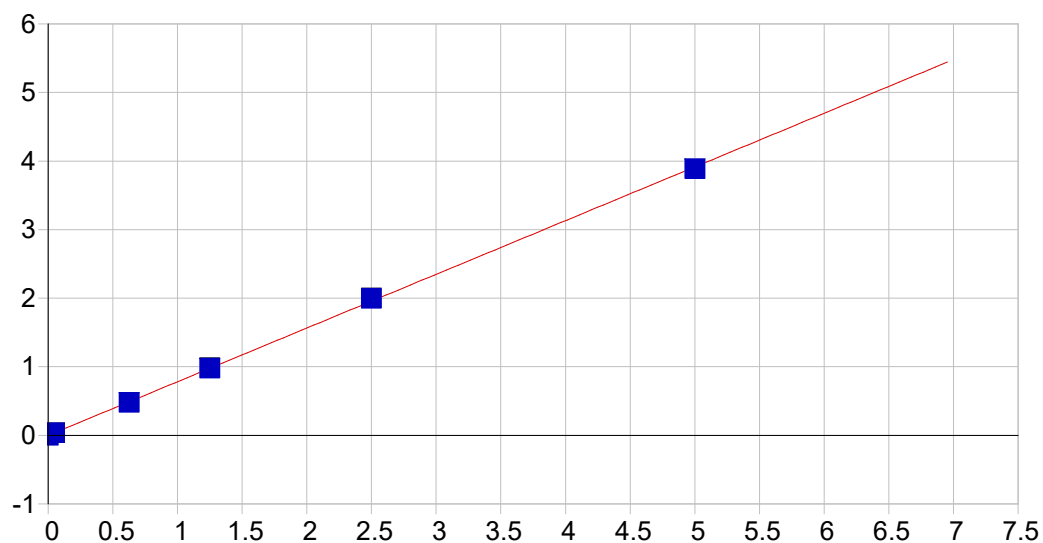


Cr 267.716 {126}

Date of Fit: 12/26/2021 14:09:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000074	Re-Slope:	1.000000
A1 (Gain):	0.106298	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999709	Status:	OK.
Std Error of Est:	0.000076		
Predicted MDL:	0.000669		
Predicted MQL:	0.002231		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00007	.000	1
S1	.01000	.00950	-.000	-4.97	.00108	.000	1
S2	3.8750	3.9672	.092	2.38	.42190	.001	1
S3	7.7500	7.9926	.243	3.13	.84991	.000	1
S4	15.500	15.862	.362	2.33	1.6866	.003	1
S5	31.000	30.304	-.696	-2.24	3.2223	.011	1

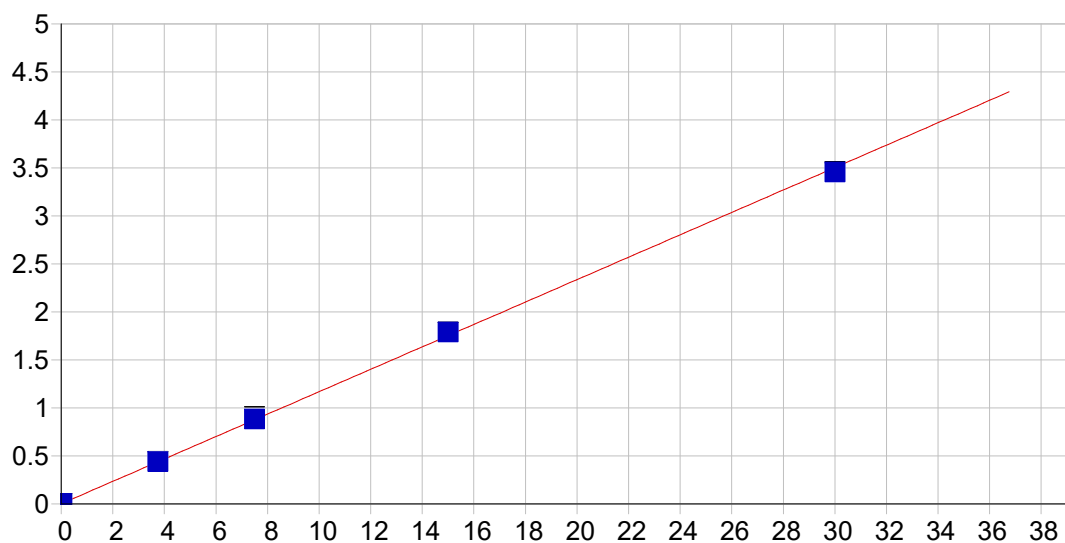


Co 228.616 {448}

Date of Fit: 12/26/2021 14:09:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001146	Re-Slope:	1.000000
A1 (Gain):	0.783017	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999915	Status:	OK.
Std Error of Est:	0.000272		
Predicted MDL:	0.000482		
Predicted MQL:	0.001607		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00114	.000	1
S1	.05000	.04849	-.002	-3.02	.03695	.000	1
S2	.62500	.61159	-.013	-2.15	.47847	.001	1
S3	1.2500	1.2518	.002	.141	.98047	.001	1
S4	2.5000	2.5500	.050	2.00	1.9985	.003	1
S5	5.0000	4.9631	-.037	-.737	3.8910	.001	1

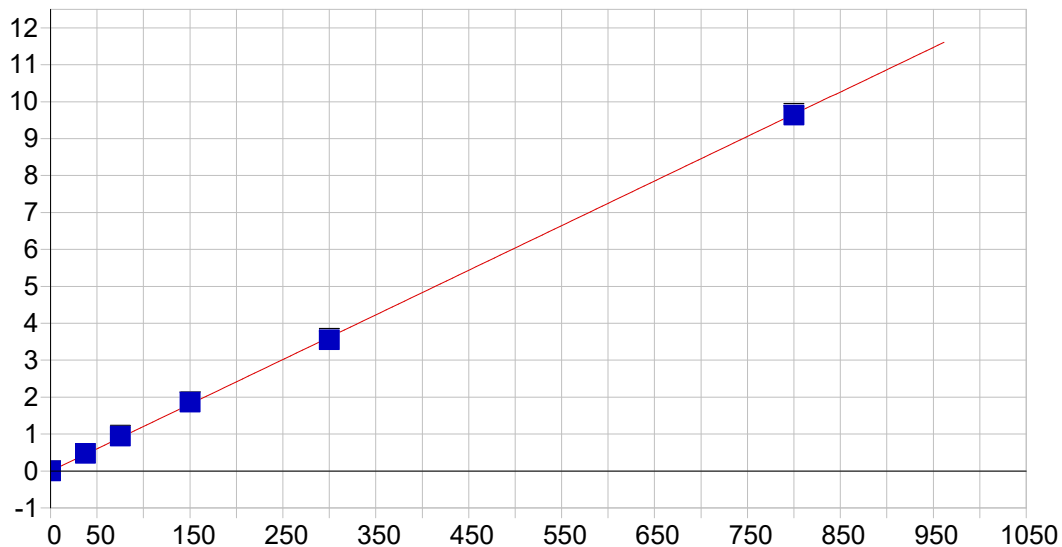


Cu 324.754 {104}

Date of Fit: 12/26/2021 14:09:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001472	Re-Slope:	1.000000
A1 (Gain):	0.116734	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999889	Status:	OK.
Std Error of Est:	0.000080		
Predicted MDL:	0.003164		
Predicted MQL:	0.010548		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00147	.000	1
S1	.02500	.02768	.003	10.7	.00470	.000	1
S2	3.7500	3.7613	.011	.303	.43996	.001	1
S3	7.5000	7.5679	.068	.906	.88373	.024	1
S4	15.000	15.310	.310	2.06	1.7863	.000	1
S5	30.000	29.608	-.392	-1.31	3.4531	.006	1

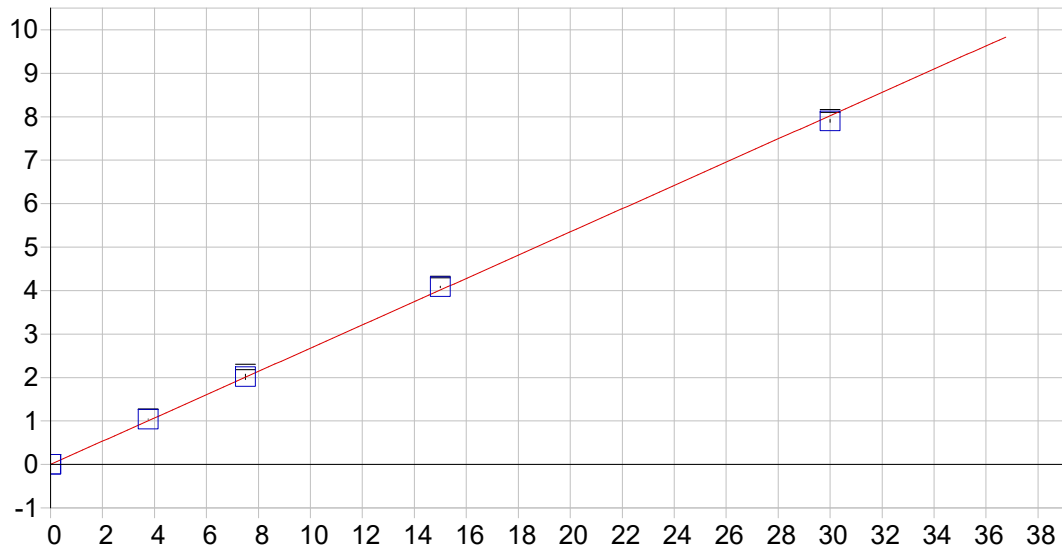


Fe 259.837 {130}

Date of Fit: 12/26/2021 14:13:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000058	Re-Slope:	1.000000
A1 (Gain):	0.012075	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999840	Status:	OK.
Std Error of Est:	0.000094		
Predicted MDL:	0.020089		
Predicted MQL:	0.066962		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00006	.000	1
S1	.10000	.09236	-.008	-7.64	.00118	.000	1
S2	37.500	39.093	1.59	4.25	.47264	.003	1
S3	75.000	77.896	2.90	3.86	.94172	.029	1
S4	150.00	154.22	4.22	2.81	1.8644	.013	1
S5	300.00	293.76	-6.24	-2.08	3.5514	.038	1
S6	800.00	797.55	-2.45	-.307	9.6370	.044	1

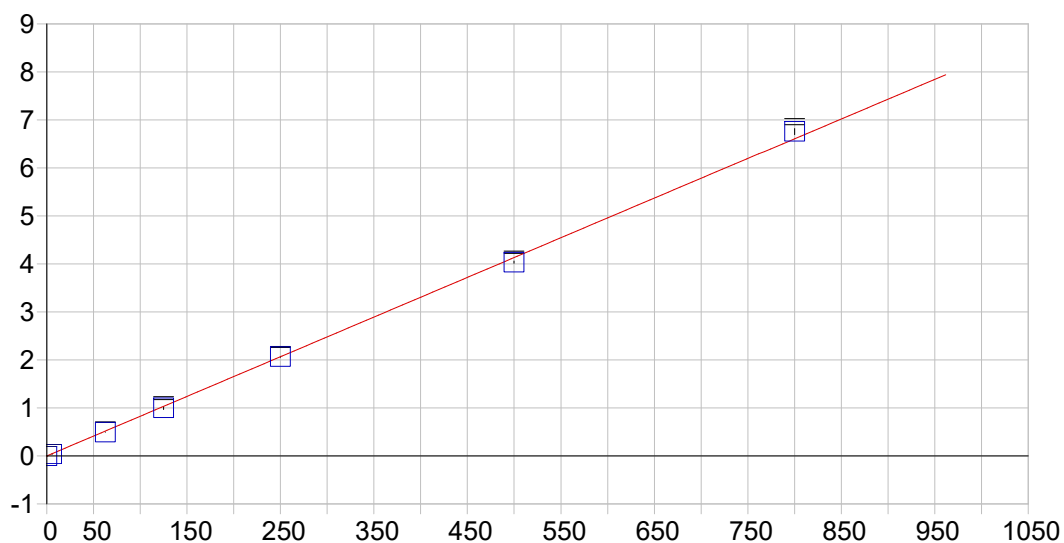


Mn 257.610 {131}

Date of Fit: 12/26/2021 14:09:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000161 Re-Slope: 1.000000
 A1 (Gain): 0.267522 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999844 Status: OK.
 Std Error of Est: 0.000168
 Predicted MDL: 0.000694
 Predicted MQL: 0.002312

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00016	.000	1
S1	.01500	.01620	.001	7.99	.00417	.000	1
S2	3.7500	3.8921	.142	3.79	1.0411	.004	1
S3	7.5000	7.5397	.040	.529	2.0169	.063	1
S4	15.000	15.272	.272	1.81	4.0854	.019	1
S5	30.000	29.545	-.455	-1.52	7.9038	.032	1

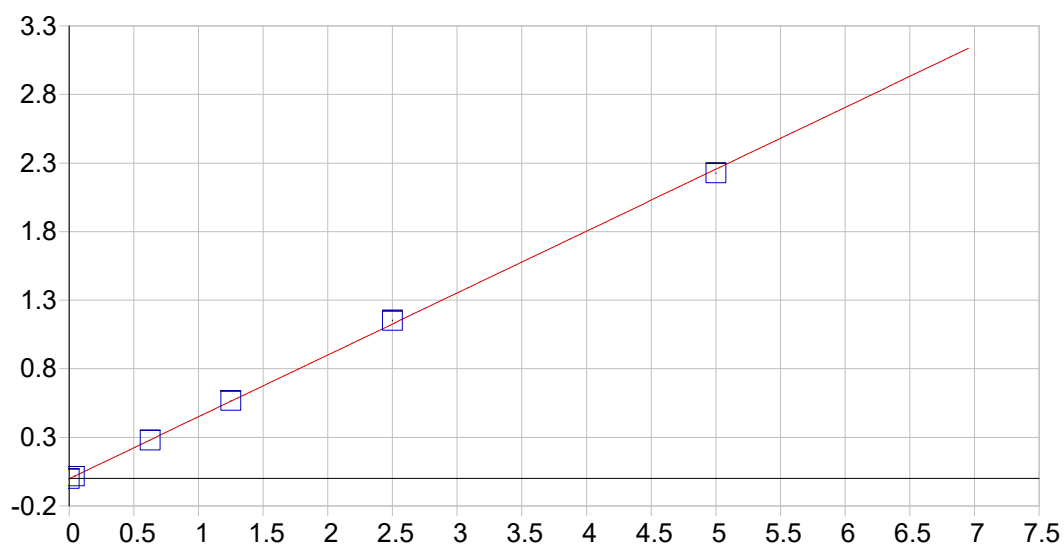


Mg 279.079 {121}

Date of Fit: 12/26/2021 14:13:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000294	Re-Slope:	1.000000
A1 (Gain):	0.008260	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999745	Status:	OK.
Std Error of Est:	0.000651		
Predicted MDL:	0.030920		
Predicted MQL:	0.103068		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00044	.000	.000	-.00029	.000	1
S1	5.0000	4.9213	-.079	-1.57	.04036	.001	1
S2	62.500	60.153	-2.35	-3.76	.49659	.001	1
S3	125.00	120.88	-4.12	-3.30	.99822	.031	1
S4	250.00	249.83	-.169	-.067	2.0634	.008	1
S5	500.00	488.68	-11.3	-2.26	4.0364	.022	1
S6	800.00	818.04	18.0	2.25	6.7571	.061	1

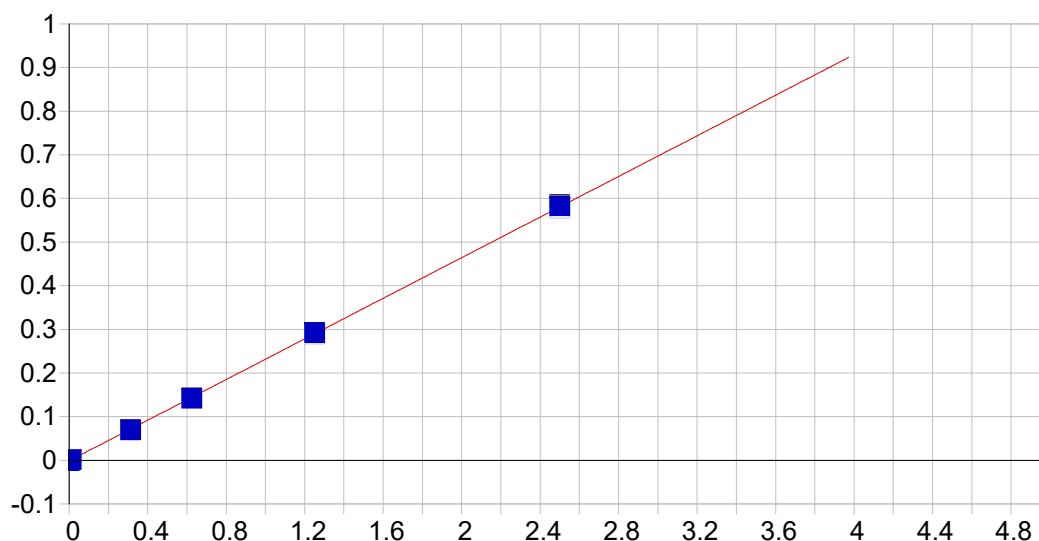


Ni 231.604 {446}

Date of Fit: 12/26/2021 14:09:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001347	Re-Slope:	1.000000
A1 (Gain):	0.451240	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999889	Status:	OK.
Std Error of Est:	0.000160		
Predicted MDL:	0.000851		
Predicted MQL:	0.002837		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00135	.000	1
S1	.04000	.03942	-.001	-1.45	.01644	.000	1
S2	.62500	.62144	-.004	-.569	.27907	.001	1
S3	1.2500	1.2595	.009	.759	.56698	.001	1
S4	2.5000	2.5558	.056	2.23	1.1519	.003	1
S5	5.0000	4.9389	-.061	-1.22	2.2273	.002	1

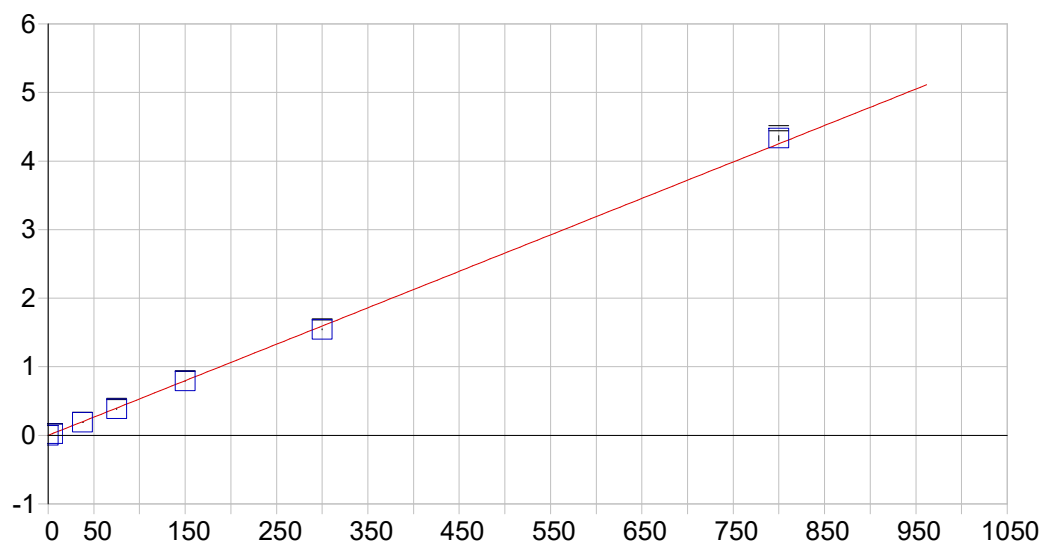


Ag 328.068 {103}

Date of Fit: 12/26/2021 14:09:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001237	Re-Slope:	1.000000
A1 (Gain):	0.232743	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999935	Status:	OK.
Std Error of Est:	0.000022		
Predicted MDL:	0.000562		
Predicted MQL:	0.001872		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00124	.000	1
S1	.01000	.01035	.000	3.46	.00116	.000	1
S2	.31250	.30292	-.010	-3.07	.06849	.000	1
S3	.62500	.61464	-.010	-1.66	.14027	.001	1
S4	1.2500	1.2601	.010	.808	.28895	.001	1
S5	2.5000	2.5095	.009	.380	.57664	.003	1

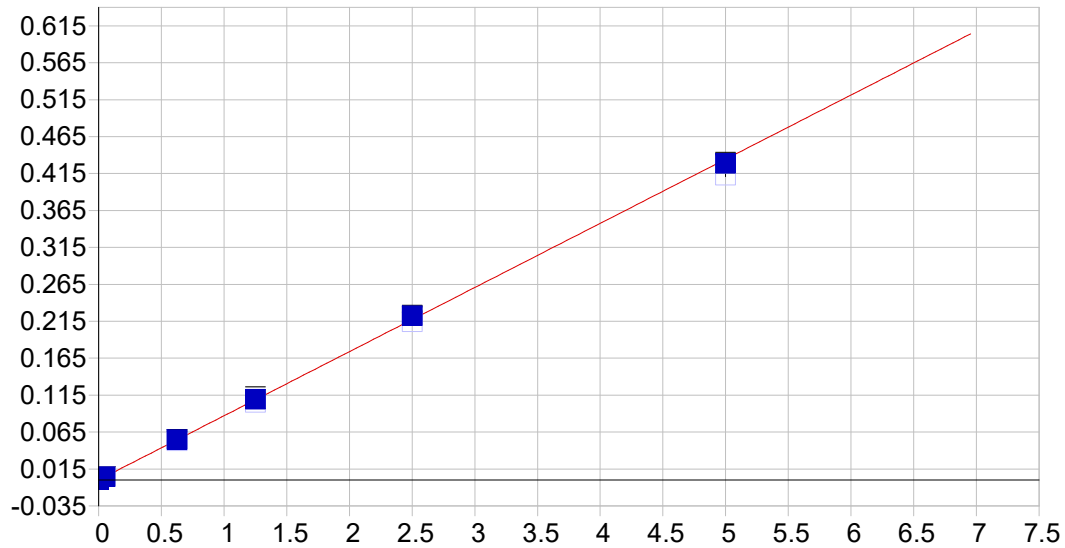


Na 818.326 { 41}

Date of Fit: 12/26/2021 14:13:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000286	Re-Slope:	1.000000
A1 (Gain):	0.005316	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999708	Status:	OK.
Std Error of Est:	0.000397		
Predicted MDL:	0.287834		
Predicted MQL:	0.959448		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00087	.001	.000	-.00028	.002	1
S1	5.0000	4.6234	-.377	-7.53	.02429	.001	1
S2	37.500	35.775	-1.72	-4.60	.18990	.002	1
S3	75.000	72.493	-2.51	-3.34	.38509	.010	1
S4	150.00	148.91	-1.09	-.727	.79132	.004	1
S5	300.00	290.41	-9.59	-3.20	1.5435	.007	1
S6	800.00	815.29	15.3	1.91	4.3338	.037	1

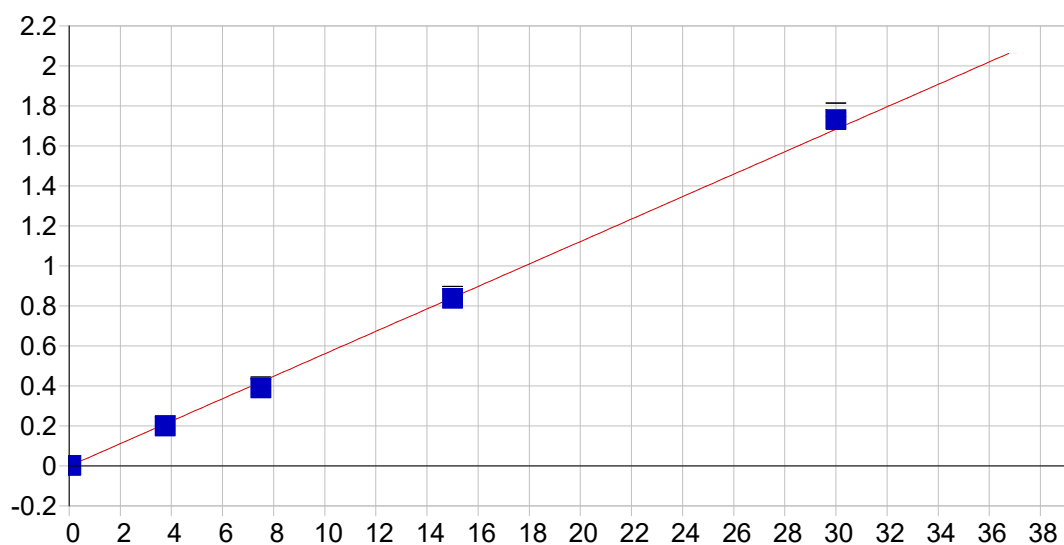


V 292.402 {115}

Date of Fit: 12/26/2021 14:09:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000145 Re-Slope: 1.000000
 A1 (Gain): 0.086857 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999874 Status: OK.
 Std Error of Est: 0.000035
 Predicted MDL: 0.003531
 Predicted MQL: 0.011771

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00014	.000	1
S1	.05000	.05031	.000	.625	.00450	.000	1
S2	.62500	.62893	.004	.628	.05277	.000	1
S3	1.2500	1.2546	.005	.364	.10512	.004	1
S4	2.5000	2.5570	.057	2.28	.21425	.001	1
S5	5.0000	4.9342	-.066	-1.32	.41273	.002	1

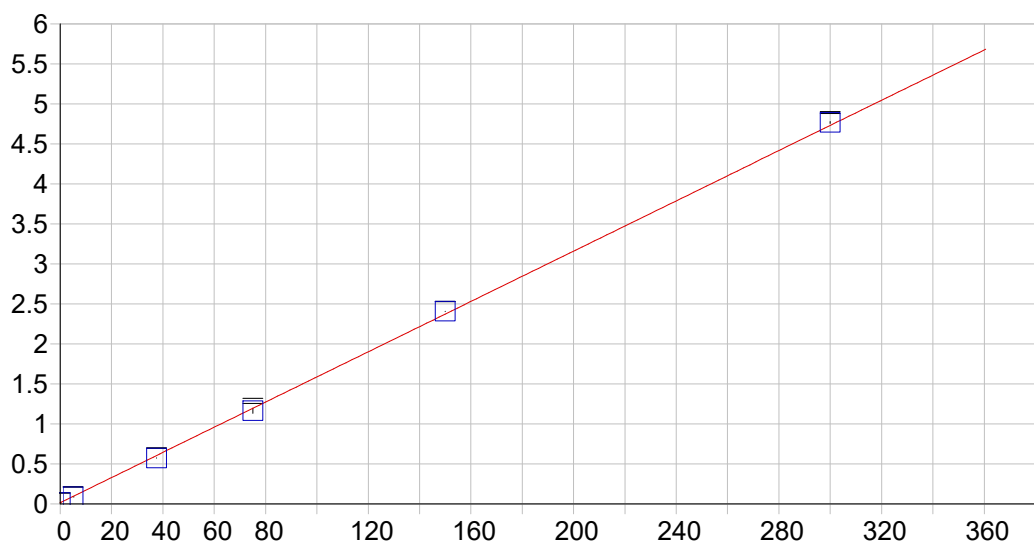


Zn 213.856 {158}

Date of Fit: 12/26/2021 14:09:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000794 Re-Slope: 1.000000
 A1 (Gain): 0.056133 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999271 Status: OK.
 Std Error of Est: 0.000153
 Predicted MDL: 0.019465
 Predicted MQL: 0.064883

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00079	.001	1
S1	.06000	.04285	-.017	-28.6	.00162	.001	1
S2	3.7500	3.5416	-.208	-5.56	.19817	.003	1
S3	7.5000	6.9425	-.557	-7.43	.38924	.005	1
S4	15.000	14.932	-.068	-.450	.83808	.010	1
S5	30.000	30.851	.851	2.84	1.7323	.033	1

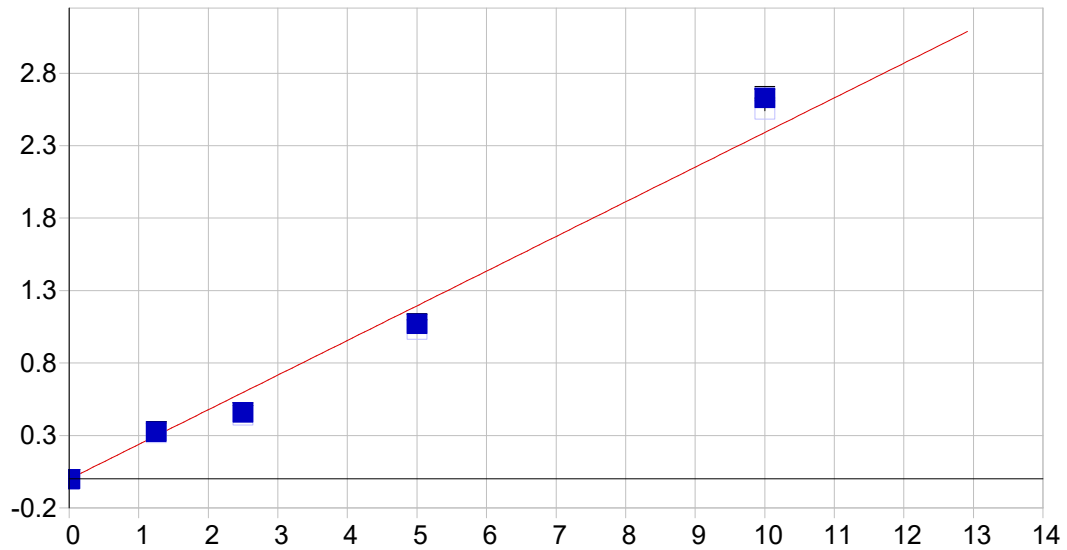


K 769.896 { 44}

Date of Fit: 12/26/2021 14:09:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.015302 Re-Slope: 1.000000
 A1 (Gain): 0.015720 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999790 Status: OK.
 Std Error of Est: 0.000665
 Predicted MDL: 0.079562
 Predicted MQL: 0.265208

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00066	.001	.000	.01531	.002	1
S1	5.0000	4.6339	-.366	-7.32	.08815	.002	1
S2	37.500	35.436	-2.06	-5.50	.57234	.002	1
S3	75.000	73.041	-1.96	-2.61	1.1635	.032	1
S4	150.00	152.11	2.11	1.40	2.4064	.003	1
S5	300.00	302.28	2.28	.761	4.7671	.012	1

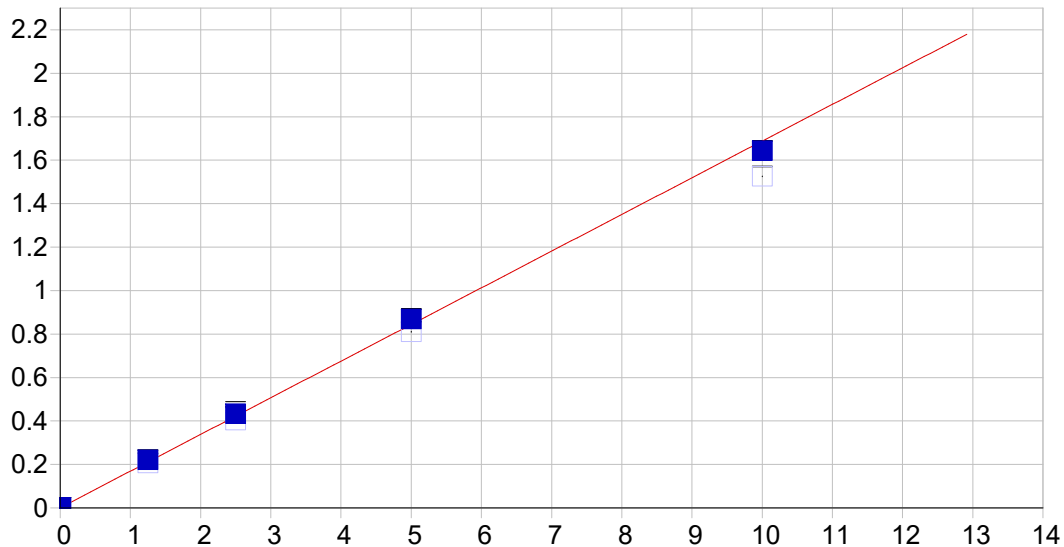


P 177.495 {490}

Date of Fit: 12/26/2021 14:09:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000876 Re-Slope: 1.000000
 A1 (Gain): 0.239181 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.991263 Status: OK.
 Std Error of Est: 0.000516
 Predicted MDL: 0.000765
 Predicted MQL: 0.002551

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00087	.000	1
S1	.01000	.00085	-.009	-91.5	-.00073	.000	1
S2	1.2500	1.3694	.119	9.55	.31677	.001	1
S3	2.5000	1.9166	-.583	-23.3	.43778	.000	1
S4	5.0000	4.4753	-.525	-10.5	1.0300	.003	1
S5	10.000	10.998	.998	9.98	2.5505	.010	1

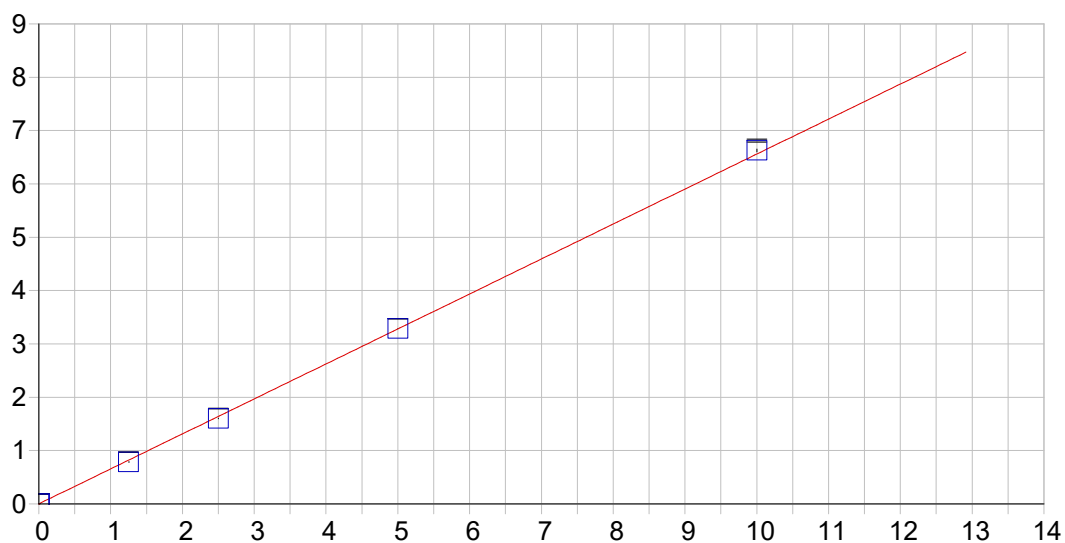


B 249.678 {135}

Date of Fit: 12/26/2021 14:09:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000418 Re-Slope: 1.000000
 A1 (Gain): 0.168732 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999529 Status: OK.
 Std Error of Est: 0.000081
 Predicted MDL: 0.001640
 Predicted MQL: 0.005465

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00042	.000	1
S1	.01000	.01083	.001	8.32	.00222	.000	1
S2	1.2500	1.3041	.054	4.32	.20578	.000	1
S3	2.5000	2.5603	.060	2.41	.40308	.011	1
S4	5.0000	5.1493	.149	2.99	.81059	.002	1
S5	10.000	9.7354	-.265	-2.65	1.5257	.002	1

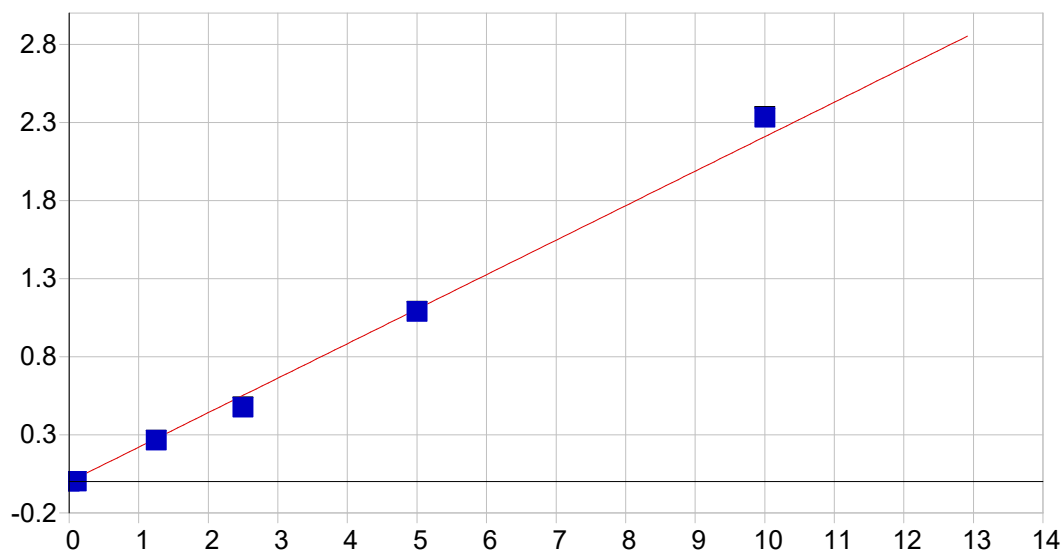


Mo 202.030 {467}

Date of Fit: 12/26/2021 14:09:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000784 Re-Slope: 1.000000
 A1 (Gain): 0.655883 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999872 Status: OK.
 Std Error of Est: 0.000176
 Predicted MDL: 0.000686
 Predicted MQL: 0.002285

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00078	.000	1
S1	.01000	.01018	.000	1.79	.00746	.000	1
S2	1.2500	1.1959	-.054	-4.33	.78518	.002	1
S3	2.5000	2.4411	-.059	-2.36	1.6018	.007	1
S4	5.0000	5.0093	.009	.186	3.2863	.004	1
S5	10.000	10.104	.104	1.04	6.6275	.029	1

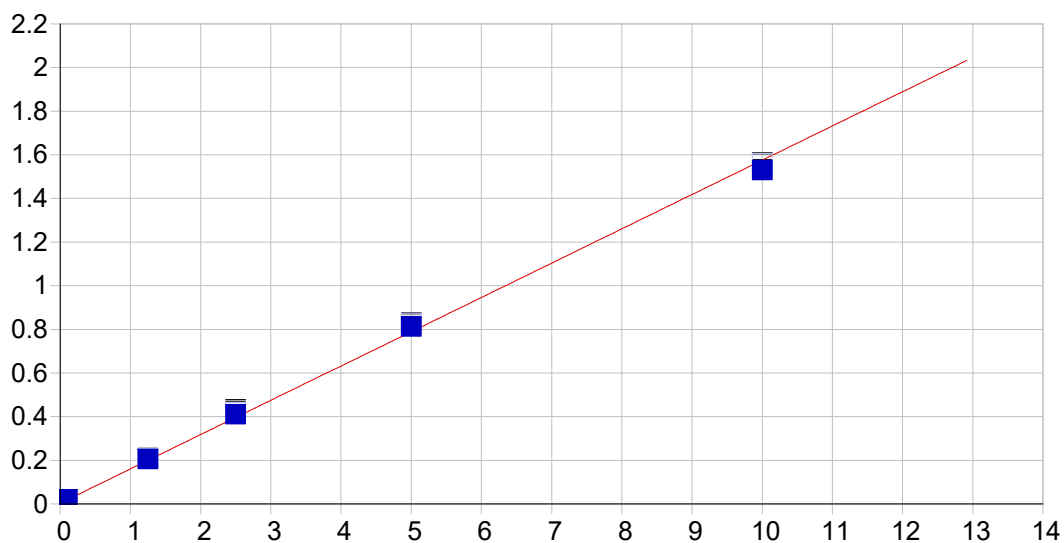


S 182.034 {485}

Date of Fit: 12/26/2021 14:09:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000117 Re-Slope: 1.000000
 A1 (Gain): 0.220830 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.995647 Status: OK.
 Std Error of Est: 0.001098
 Predicted MDL: 0.000983
 Predicted MQL: 0.003278

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00010	.000	.000	.00014	.000	1
S1	.10000	.00894	-.091	-91.1	.00208	.000	1
S2	1.2500	1.1976	-.052	-4.19	.26455	.001	1
S3	2.5000	2.1546	-.345	-13.8	.47585	.001	1
S4	5.0000	4.9303	-.070	-1.39	1.0887	.002	1
S5	10.000	10.559	.559	5.59	2.3315	.006	1

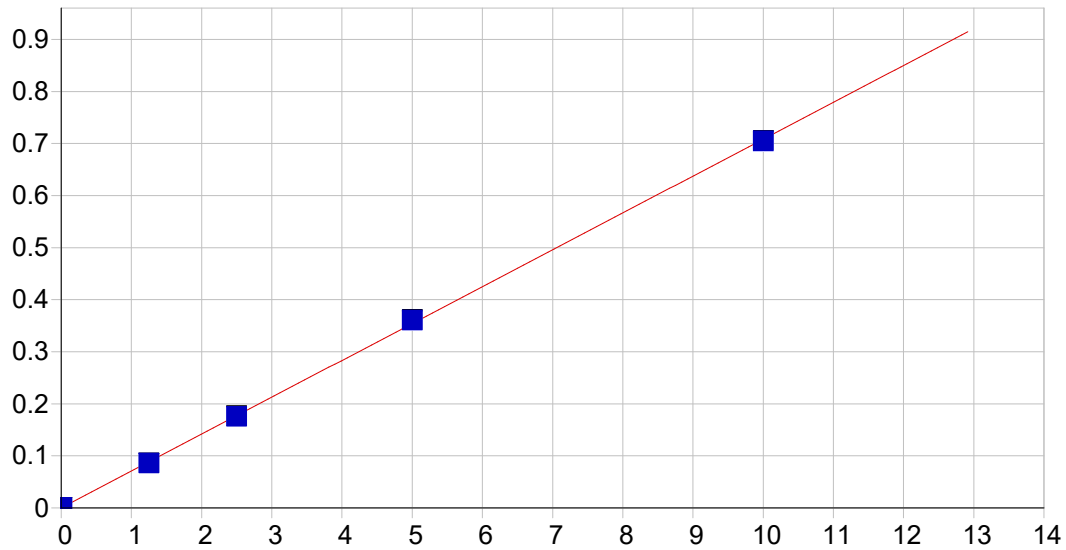


Si 251.611 {134}

Date of Fit: 12/26/2021 14:09:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.003201	Re-Slope:	1.000000
A1 (Gain):	0.157177	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999553	Status:	OK.
Std Error of Est:	0.000255		
Predicted MDL:	0.001820		
Predicted MQL:	0.006065		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00320	.000	1
S1	.10000	.10605	.006	6.05	.02004	.000	1
S2	1.2500	1.2821	.032	2.57	.20855	.001	1
S3	2.5000	2.5963	.096	3.85	.41893	.014	1
S4	5.0000	5.1503	.150	3.01	.82803	.002	1
S5	10.000	9.7153	-.285	-2.85	1.5609	.002	1

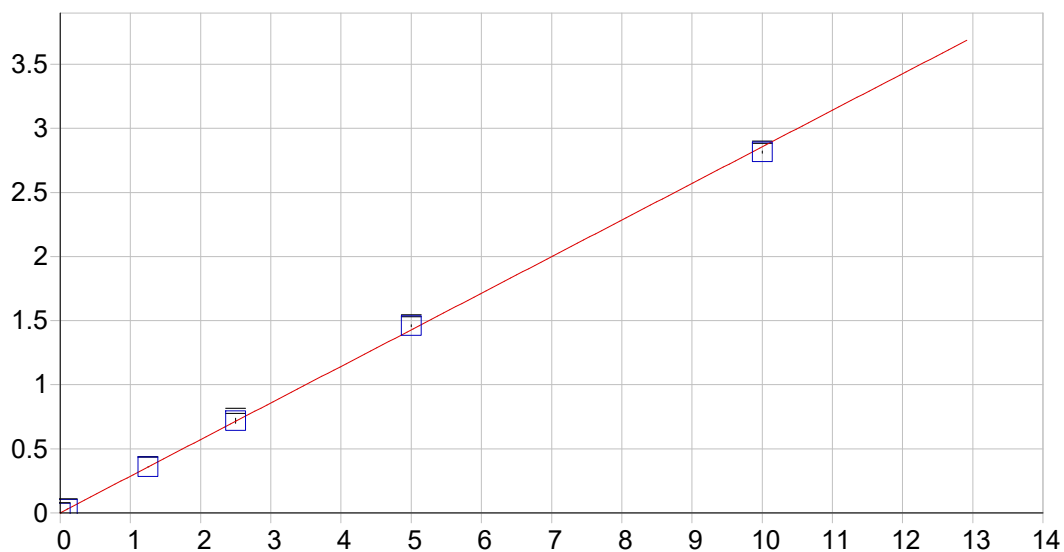


Sn 189.989 {478}

Date of Fit: 12/26/2021 14:09:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000181	Re-Slope:	1.000000
A1 (Gain):	0.070806	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999914	Status:	OK.
Std Error of Est:	0.000013		
Predicted MDL:	0.002996		
Predicted MQL:	0.009985		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00018	.000	1
S1	.00700	.00765	.001	9.36	.00071	.000	1
S2	1.2500	1.2126	-.037	-2.99	.08580	.000	1
S3	2.5000	2.4838	-.016	-.647	.17557	.001	1
S4	5.0000	5.0939	.094	1.88	.35989	.001	1
S5	10.000	9.9591	-.041	-.409	.70342	.000	1

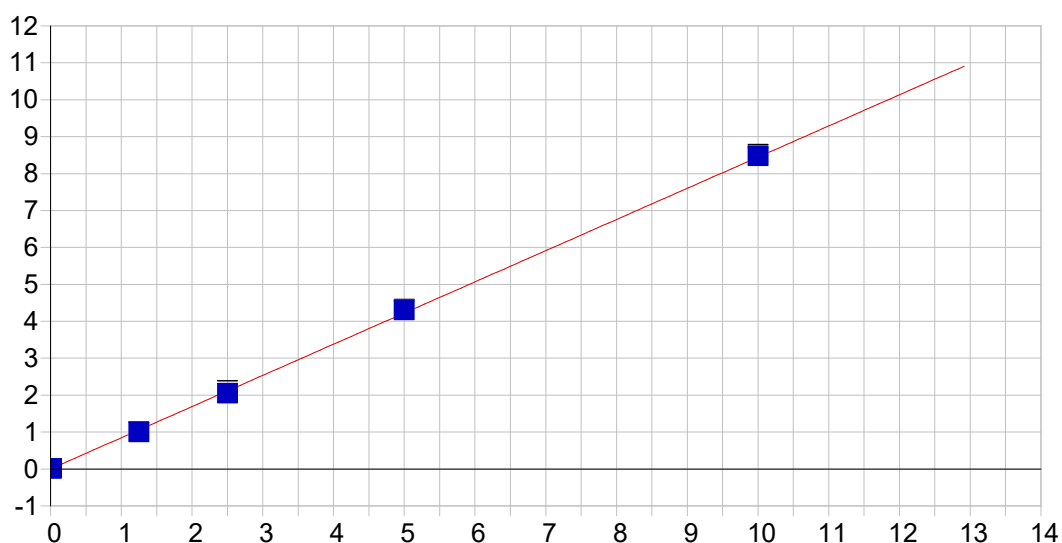


Ti 336.121 {100}

Date of Fit: 12/26/2021 14:09:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001211	Re-Slope:	1.000000
A1 (Gain):	0.285462	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999870	Status:	OK.
Std Error of Est:	0.000245		
Predicted MDL:	0.001486		
Predicted MQL:	0.004952		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00121	.000	1
S1	.10000	.10348	.003	3.48	.03075	.001	1
S2	1.2500	1.2570	.007	.556	.36002	.000	1
S3	2.5000	2.5176	.018	.703	.71988	.020	1
S4	5.0000	5.1141	.114	2.28	1.4611	.008	1
S5	10.000	9.8579	-.142	-1.42	2.8153	.009	1



Li 670.784 { 50}

Date of Fit: 12/26/2021 14:09:21 Type of Fit: Linear Weighting: 1/Conc

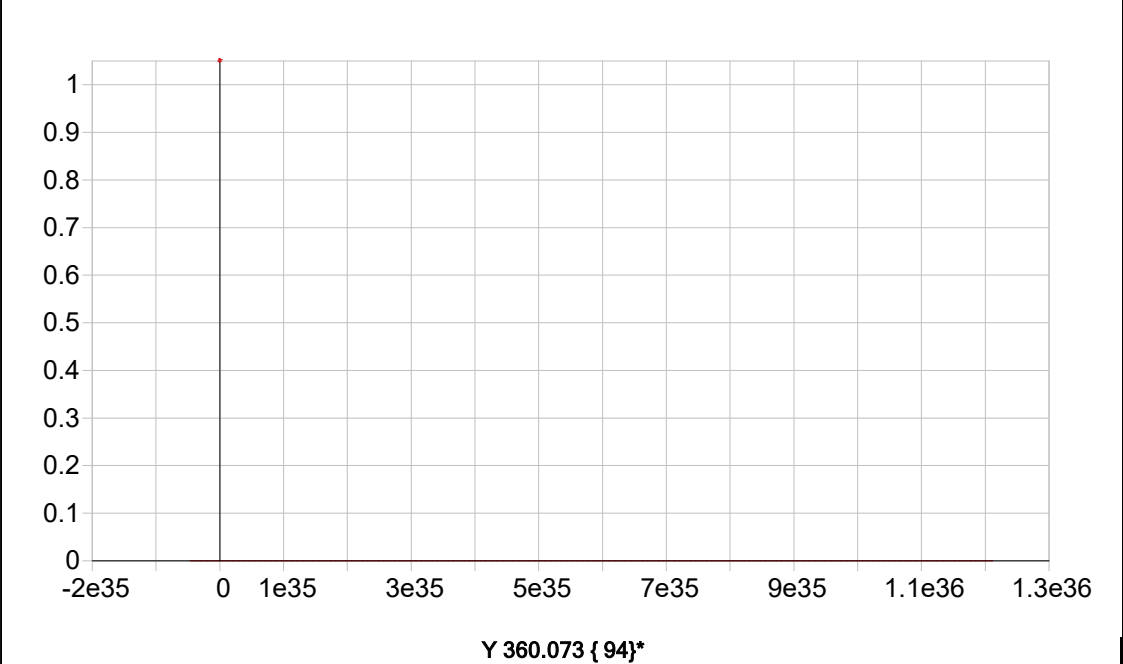
A0 (Offset): 0.001244 Re-Slope: 1.000000
 A1 (Gain): 0.844434 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999782 Status: OK.
 Std Error of Est: 0.000361
 Predicted MDL: 0.001838
 Predicted MQL: 0.006125

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00125	.002	1
S5	10.000	10.041	.041	.413	8.4713	.045	1
S4	5.0000	5.0988	.099	1.98	4.3023	.020	1
S3	2.5000	2.4313	-.069	-2.75	2.0520	.066	1
S2	1.2500	1.1807	-.069	-5.55	.99709	.004	1
S1	.01500	.01291	-.002	-13.9	.01208	.001	1



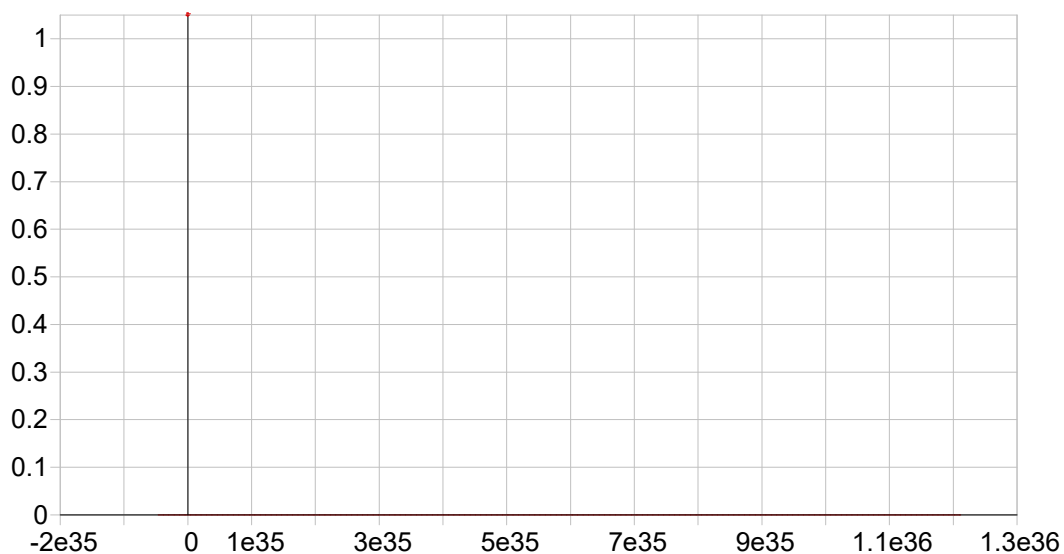
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				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

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





Y 224.306 {150}*

Date of Fit:	<not fit>
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Type of Fit: Linear

Weighting: 1/Conc

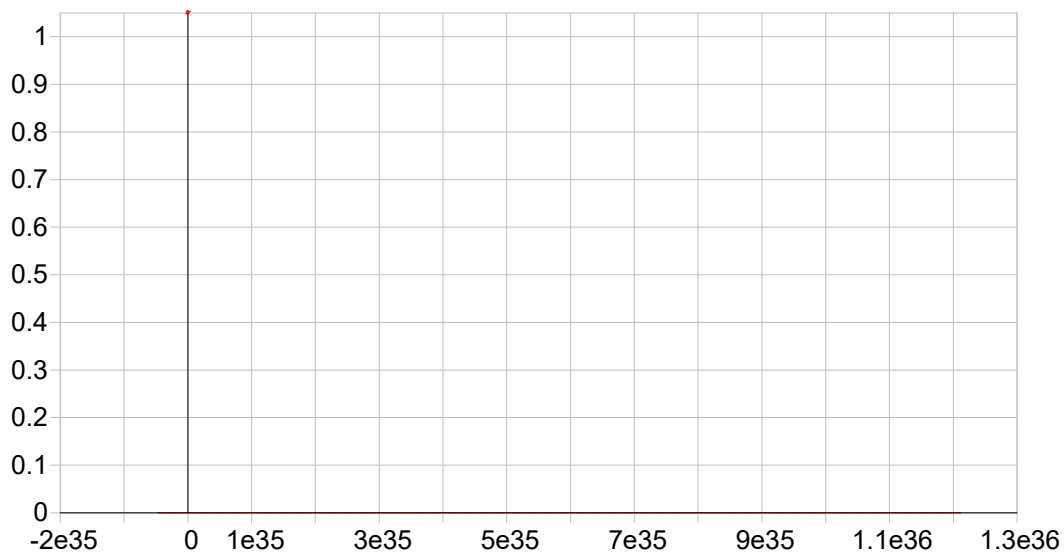
A0 (Offset):	0.000000
A1 (Gain):	0.000000
A2 (Curvature):	0.000000
n (Exponent):	1.000000
Correlation:	0.000000
Std Error of Est:	0.000000
Predicted MDL:	n/a
Predicted MQL:	n/a

Re-Slope: 1.000000

Y-int: 0.000000

Status: Warning Zero Gain

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>
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Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset):	0.000000
A1 (Gain):	0.000000

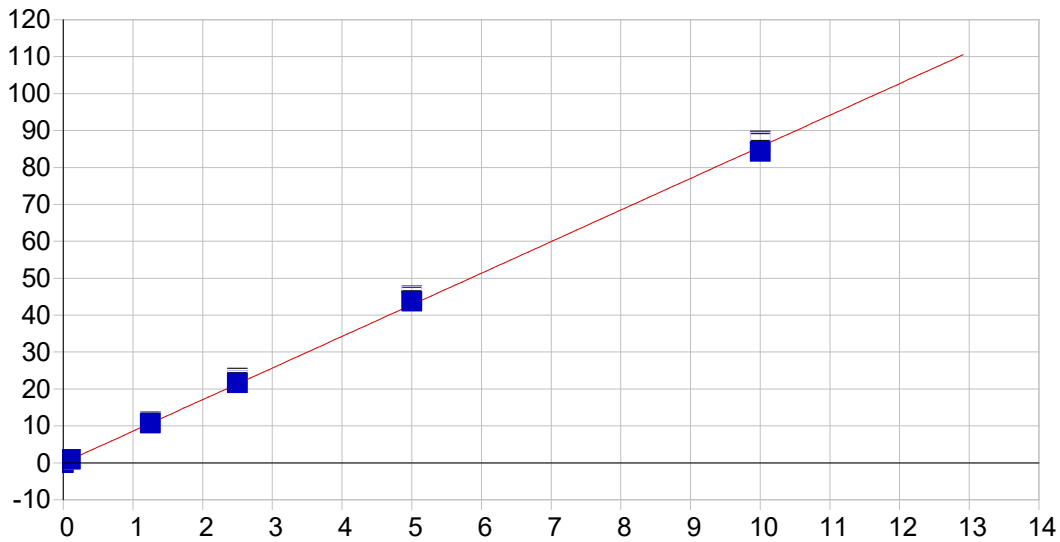
Re-Slope: 1.000000

Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.000000
 Std Error of Est: 0.000000
 Predicted MDL: n/a
 Predicted MQL: n/a

Status: Warning Zero Gain

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Sr 407.771 { 83}

Date of Fit: 12/26/2021 14:09:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000307 Re-Slope: 1.000000
 A1 (Gain): 8.558258 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999865 Status: OK.
 Std Error of Est: 0.007684
 Predicted MDL: 0.000085
 Predicted MQL: 0.000282

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00036	.000	1
S1	.10000	.10402	.004	4.02	.89078	.013	1
S2	1.2500	1.2559	.006	.473	11.069	.029	1
S3	2.5000	2.5318	.032	1.27	22.309	.621	1
S4	5.0000	5.1109	.111	2.22	45.024	.194	1
S5	10.000	9.8475	-.153	-1.53	86.844	.351	1

Sample Name: S0 Acquired: 12/26/2021 13:45:25 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00028	-.00082	.00022	.00099	.00199	-.00152	-.00341	-.00166
Stddev	.00026	.00006	.00012	.00015	.00025	.00015	.00055	.00045
%RSD	92.994	6.9303	53.630	15.157	12.651	9.7788	16.077	27.004
#1	-.00051	-.00081	.00025	.00089	.00201	-.00136	-.00292	-.00206
#2	-.00034	-.00076	.00009	.00092	.00172	-.00157	-.00330	-.00175
#3	.00000	-.00088	.00033	.00116	.00222	-.00164	-.00400	-.00117
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	.00193	.00112	.00007	-.00114	.00147	.00006	-.00016	-.00029
Stddev	.00018	.00027	.00006	.00025	.00036	.00014	.00013	.00015
%RSD	9.1051	23.930	76.166	22.184	24.796	241.08	83.183	49.939
#1	.00195	.00086	.00014	-.00103	.00133	.00017	-.00013	-.00017
#2	.00174	.00111	.00004	-.00144	.00189	-.00010	-.00005	-.00045
#3	.00209	.00140	.00004	-.00097	.00120	.00011	-.00031	-.00025
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	-.00135	-.00124	-.00028	.00014	-.00079	.01531	-.00087	.00042
Stddev	.00012	.00008	.00228	.00029	.00135	.00167	.00018	.00032
%RSD	9.1378	6.7474	809.19	203.57	170.51	10.876	20.133	76.295
#1	-.00131	-.00114	-.00255	-.00005	-.00225	.01581	-.00092	.00063
#2	-.00125	-.00127	-.00031	.00000	-.00054	.01346	-.00068	.00057
#3	-.00148	-.00130	.00201	.00048	.00041	.01667	-.00102	.00005
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	.00078	.00014	.00320	.00018	.00121	.00125	-.00036	
Stddev	.00037	.00016	.00009	.00016	.00010	.00190	.00042	
%RSD	47.318	115.68	2.6799	87.084	8.6177	152.39	116.89	
#1	.00119	.00002	.00324	.00032	.00109	-.00092	-.00009	
#2	.00046	.00008	.00326	.00001	.00126	.00260	-.00014	
#3	.00070	.00032	.00310	.00021	.00128	.00206	-.00085	

Sample Name: S0 Acquired: 12/26/2021 13:45:25 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S0 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	945.18	44171.	8056.4	1090.0	1597.3
Stddev	26.08	196.	31.6	5.3	47.5
%RSD	2.7591	.44415	.39183	.48758	2.9740
#1	952.74	43945.	8087.7	1086.1	1615.3
#2	916.15	44282.	8057.1	1096.0	1543.4
#3	966.64	44287.	8024.6	1087.8	1633.1

Sample Name: S1 Acquired: 12/26/2021 13:49:29 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) 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	-.00008	-.00012	.00149	.00271	.00967	.01334	.47745	.01021
Stddev	.00002	.00006	.00026	.00046	.00054	.00097	.00802	.00019
%RSD	24.082	46.443	17.373	16.998	5.5487	7.2826	1.6797	1.8768
#1	-.00008	-.00010	.00120	.00321	.00934	.01406	.48248	.01001
#2	-.00011	-.00007	.00171	.00230	.00938	.01373	.48167	.01021
#3	-.00007	-.00018	.00155	.00262	.01029	.01223	.46821	.01040
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	.01528	.18665	.00108	.03695	.00470	.00118	.00417	.04036
Stddev	.00018	.00218	.00001	.00027	.00001	.00033	.00026	.00060
%RSD	1.2079	1.1665	.61926	.72033	.31195	27.818	6.2850	1.4982
#1	.01522	.18745	.00109	.03710	.00470	.00125	.00399	.04089
#2	.01514	.18831	.00108	.03665	.00471	.00146	.00447	.04049
#3	.01549	.18418	.00108	.03711	.00468	.00082	.00406	.03970
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	.01644	.00116	.02429	.00450	.00162	.08815	-.00073	.00222
Stddev	.00031	.00014	.00098	.00019	.00122	.00152	.00006	.00030
%RSD	1.8926	12.289	4.0269	4.1657	75.079	1.7242	8.6242	13.595
#1	.01650	.00099	.02421	.00440	.00303	.08776	-.00073	.00214
#2	.01672	.00126	.02531	.00472	.00095	.08982	-.00079	.00256
#3	.01610	.00121	.02336	.00440	.00089	.08685	-.00067	.00197
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	.00746	.00208	.02004	.00071	.03075	.01208	.89078	
Stddev	.00031	.00009	.00031	.00017	.00060	.00086	.01261	
%RSD	4.1682	4.1523	1.5700	23.764	1.9546	7.0992	1.4158	
#1	.00743	.00218	.01979	.00054	.03118	.01160	.89886	
#2	.00779	.00200	.01994	.00070	.03101	.01307	.89722	
#3	.00717	.00207	.02040	.00088	.03006	.01157	.87625	

Sample Name: S1 Acquired: 12/26/2021 13:49:29 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	969.84	45045.	8161.3	1110.1	1639.8
Stddev	.25	249.	113.4	12.6	2.4
%RSD	.02574	.55199	1.3893	1.1389	.14787
#1	969.55	45093.	8094.0	1099.1	1642.3
#2	969.95	44776.	8097.8	1107.2	1639.5
#3	970.01	45266.	8292.2	1123.9	1637.5

Sample Name: S2 Acquired: 12/26/2021 13:53:36 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) 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	.02109	.04084	.79850	.06365	.16477	2.9539	5.9737	.27244
Stddev	.00034	.00018	.00314	.00050	.00072	.0073	.0211	.00108
%RSD	1.6099	.43580	.39351	.78889	.43850	.24739	.35401	.39462

#1	.02122	.04064	.79815	.06418	.16525	2.9495	5.9760	.27123
#2	.02071	.04096	.79556	.06359	.16512	2.9498	5.9514	.27283
#3	.02135	.04093	.80181	.06318	.16394	2.9623	5.9935	.27327

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	1.5676	2.2564	.42190	.47847	.43996	.47264	1.0411	.49659
Stddev	.0029	.0094	.00133	.00147	.00134	.00323	.0037	.00101
%RSD	.18814	.41549	.31622	.30692	.30558	.68242	.36065	.20429

#1	1.5677	2.2525	.42079	.47678	.43868	.47283	1.0396	.49545
#2	1.5646	2.2495	.42338	.47928	.43984	.46932	1.0382	.49696
#3	1.5705	2.2670	.42154	.47935	.44136	.47576	1.0453	.49737

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	.27907	.06849	.18990	.05277	.19817	.57234	.31677	.20578
Stddev	.00082	.00022	.00161	.00013	.00266	.00168	.00076	.00028
%RSD	.29465	.31845	.84549	.23733	1.3442	.29276	.23945	.13657

#1	.27908	.06852	.18805	.05289	.19510	.57062	.31726	.20547
#2	.27825	.06826	.19066	.05279	.19957	.57244	.31590	.20601
#3	.27989	.06869	.19098	.05264	.19985	.57397	.31716	.20586

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	.78518	.26455	.20855	.08580	.36002	.99709	11.069	
Stddev	.00190	.00066	.00092	.00023	.00042	.00355	.029	
%RSD	.24238	.24904	.43960	.26730	.11660	.35618	.26619	

#1	.78299	.26379	.20756	.08606	.36006	.99750	11.037	
#2	.78608	.26498	.20874	.08567	.35959	.99335	11.076	
#3	.78646	.26488	.20936	.08566	.36042	1.0004	11.094	

Sample Name: S2 Acquired: 12/26/2021 13:53:36 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	926.89	43331.	8075.4	1064.9	1510.6
Stddev	1.17	65.	19.4	2.9	2.4
%RSD	.12633	.14944	.24014	.26812	.16011
#1	928.16	43303.	8097.4	1063.6	1510.6
#2	925.85	43285.	8068.0	1062.9	1513.1
#3	926.65	43405.	8060.8	1068.2	1508.2

Sample Name: S3 Acquired: 12/26/2021 13:57:28 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) 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	.04392	.08328	1.6403	.12550	.33698	5.9247	11.951	.53603
Stddev	.00033	.00032	.0040	.00021	.00091	.1763	.358	.01775
%RSD	.76263	.38080	.24549	.17079	.26961	2.9764	2.9981	3.3123

#1	.04358	.08311	1.6368	.12527	.33749	5.9767	12.011	.53798
#2	.04392	.08309	1.6394	.12554	.33593	5.7282	11.566	.51738
#3	.04425	.08365	1.6447	.12570	.33752	6.0692	12.275	.55273

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	3.1894	4.5256	.84991	.98047	.88373	.94172	2.0169	.99822
Stddev	.0057	.1389	.00046	.00112	.02446	.02935	.0627	.03120
%RSD	.17871	3.0696	.05398	.11392	2.7682	3.1164	3.1094	3.1255

#1	3.1877	4.5448	.84952	.97922	.89186	.94617	2.0234	1.0017
#2	3.1848	4.3782	.84980	.98136	.85623	.91040	1.9511	.96541
#3	3.1958	4.6540	.85042	.98083	.90309	.96859	2.0761	1.0275

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	.56698	.14027	.38509	.10512	.38924	1.1635	.43778	.40308
Stddev	.00094	.00060	.00998	.00364	.00534	.0318	.00048	.01146
%RSD	.16626	.42976	2.5928	3.4603	1.3711	2.7329	.10921	2.8426

#1	.56590	.13964	.38603	.10588	.39036	1.1731	.43736	.40537
#2	.56760	.14033	.37466	.10116	.39393	1.1280	.43830	.39065
#3	.56746	.14084	.39457	.10831	.38344	1.1894	.43766	.41322

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	1.6018	.47585	.41893	.17557	.71988	2.0520	22.309	
Stddev	.0066	.00127	.01360	.00080	.02041	.0655	.621	
%RSD	.41030	.26748	3.2466	.45362	2.8345	3.1923	2.7820	

#1	1.6027	.47580	.42054	.17619	.72470	2.0580	22.523	
#2	1.5949	.47461	.40460	.17467	.69750	1.9837	21.610	
#3	1.6079	.47715	.43166	.17585	.73745	2.1143	22.795	

Sample Name: S3 Acquired: 12/26/2021 13:57:28 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	886.70	41757.	8040.7	1015.5	1422.5
Stddev	2.59	126.	233.8	9.0	2.5
%RSD	.29234	.30058	2.9071	.88814	.17417
#1	883.82	41777.	7977.8	1013.8	1419.8
#2	888.84	41622.	8299.5	1007.4	1423.0
#3	887.46	41871.	7844.8	1025.2	1424.7

Sample Name: S4 Acquired: 12/26/2021 14:01:21 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) 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	.09131	.16655	3.3183	.25438	.69498	12.321	24.517	1.0796
Stddev	.00040	.00015	.0081	.00219	.00255	.035	.118	.0047
%RSD	.44198	.09066	.24465	.86113	.36734	.28662	.48277	.43380

#1	.09172	.16652	3.3189	.25617	.69640	12.348	24.639	1.0836
#2	.09092	.16672	3.3099	.25503	.69203	12.281	24.402	1.0745
#3	.09129	.16642	3.3261	.25194	.69651	12.335	24.511	1.0806

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.4081	9.2270	1.6866	1.9985	1.7863	1.8644	4.0854	2.0634
Stddev	.0080	.0478	.0027	.0029	.0005	.0134	.0189	.0077
%RSD	.12466	.51835	.16047	.14647	.02767	.71921	.46220	.37141

#1	6.4102	9.2685	1.6865	1.9965	1.7868	1.8786	4.1007	2.0716
#2	6.3993	9.1747	1.6840	1.9972	1.7861	1.8625	4.0643	2.0563
#3	6.4149	9.2378	1.6894	2.0019	1.7858	1.8520	4.0911	2.0624

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	1.1519	.28895	.79132	.21425	.83808	2.4064	1.0300	.81059
Stddev	.0032	.00054	.00379	.00117	.00986	.0025	.0027	.00246
%RSD	.27444	.18639	.47851	.54400	1.1765	.10559	.25940	.30387

#1	1.1518	.28887	.79400	.21487	.83109	2.4058	1.0276	.81328
#2	1.1488	.28845	.78699	.21290	.83378	2.4091	1.0329	.80845
#3	1.1551	.28952	.79297	.21497	.84936	2.4041	1.0294	.81005

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	3.2863	1.0887	.82803	.35989	1.4611	4.3023	45.024	
Stddev	.0043	.0023	.00183	.00127	.0078	.0205	.194	
%RSD	.12986	.21172	.22111	.35378	.53397	.47607	.43011	

#1	3.2907	1.0862	.83013	.36117	1.4676	4.3244	44.830	
#2	3.2821	1.0908	.82678	.35863	1.4524	4.2840	45.218	
#3	3.2862	1.0891	.82718	.35988	1.4632	4.2986	45.023	

Sample Name: S4 Acquired: 12/26/2021 14:01:21 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	833.51	40159.	7824.2	957.40	1328.9
Stddev	1.74	17.	24.2	.96	2.1
%RSD	.20839	.04229	.30967	.10067	.15541
#1	831.52	40153.	7798.5	956.29	1327.2
#2	834.27	40178.	7827.5	957.88	1331.2
#3	834.73	40146.	7846.6	958.03	1328.2

Sample Name: S5 Acquired: 12/26/2021 14:05:20 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) 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	.18333	.31196	6.4386	.51043	1.4297	24.463	47.422	2.0777
Stddev	.00112	.00010	.0137	.00090	.0082	.111	.139	.0070
%RSD	.60871	.03231	.21343	.17691	.57227	.45271	.29257	.33632

#1	.18426	.31188	6.4229	.50969	1.4204	24.377	47.269	2.0858
#2	.18364	.31194	6.4481	.51143	1.4324	24.588	47.459	2.0733
#3	.18209	.31207	6.4449	.51015	1.4361	24.423	47.539	2.0741

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	12.258	17.663	3.2223	3.8910	3.4531	3.5514	7.9038	4.0364
Stddev	.034	.069	.0114	.0008	.0063	.0382	.0322	.0220
%RSD	.27484	.39109	.35456	.01958	.18300	1.0767	.40750	.54380

#1	12.221	17.591	3.2256	3.8918	3.4477	3.5523	7.8673	4.0121
#2	12.287	17.729	3.2317	3.8907	3.4515	3.5127	7.9279	4.0547
#3	12.265	17.667	3.2096	3.8903	3.4600	3.5892	7.9163	4.0425

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.2273	.57664	1.5435	.41273	1.7323	4.7671	2.5505	1.5257
Stddev	.0022	.00283	.0068	.00175	.0333	.0116	.0098	.0017
%RSD	.09656	.49043	.44340	.42436	1.9219	.24281	.38223	.11084

#1	2.2266	.57393	1.5403	.41071	1.7043	4.7744	2.5427	1.5254
#2	2.2297	.57957	1.5514	.41365	1.7691	4.7537	2.5474	1.5276
#3	2.2256	.57642	1.5389	.41383	1.7234	4.7731	2.5614	1.5242

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	6.6275	2.3315	1.5609	.70342	2.8153	8.4713	86.844	
Stddev	.0288	.0056	.0023	.00046	.0089	.0452	.351	
%RSD	.43378	.24229	.14523	.06583	.31478	.53351	.40454	

#1	6.5956	2.3264	1.5602	.70316	2.8072	8.4433	86.979	
#2	6.6515	2.3305	1.5634	.70395	2.8248	8.5235	87.108	
#3	6.6354	2.3376	1.5590	.70314	2.8139	8.4472	86.446	

Sample Name: S5 Acquired: 12/26/2021 14:05:20 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	760.72	38793.	7720.6	896.25	1238.6
Stddev	1.69	226.	25.0	1.01	.5
%RSD	.22152	.58383	.32432	.11236	.04382
#1	762.53	38877.	7724.2	895.36	1238.9
#2	759.20	38537.	7693.9	896.05	1238.0
#3	760.41	38966.	7743.6	897.34	1238.9

Sample Name: S6 Acquired: 12/26/2021 14:09:26 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	64.526	29.115	9.6370	6.7571	4.3338
Stddev	.919	.284	.0435	.0605	.0367
%RSD	1.4242	.97435	.45181	.89574	.84772

#1	65.500	29.437	9.6867	6.8269	4.3759
#2	64.403	29.007	9.6189	6.7243	4.3170
#3	63.674	28.901	9.6055	6.7200	4.3084

Int. Std.	Y_3710
Units	Cts/S
Avg	7507.7
Stddev	72.9
%RSD	.97082

#1	7425.1
#2	7534.8
#3	7563.1

Sample Name: ICV006 Acquired: 12/26/2021 14:13:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9673064	1.086648	1.009154	1.034075	.9837584	2.506499
Stddev	.0073086	.002983	.008470	.003541	.0031822	.008581
%RSD	.7555590	.2745303	.8393482	.3424307	.3234742	.3423304

#1	.9605718	1.083220	1.016777	1.036723	.9836604	2.499318
#2	.9662693	1.088070	1.010648	1.030053	.9806263	2.504177
#3	.9750781	1.088656	1.000035	1.035449	.9869885	2.516001

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5260281	.5503851	.5251360	10.50453	.5570793	.5095944
Stddev	.0030485	.0012567	.0006809	.02607	.0007912	.0010686
%RSD	.5795265	.2283250	.1296656	.2481407	.1420291	.2097020

#1	.5294647	.5518338	.5243785	10.53307	.5561998	.5093553
#2	.5236500	.5497317	.5253325	10.48198	.5573048	.5107622
#3	.5249697	.5495897	.5256971	10.49855	.5577332	.5086655

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5228352	10.83907	.5227227	5.846305	.5228602	.2472526
Stddev	.0022931	.09454	.0010744	.038378	.0010401	.0003863
%RSD	.4385879	.8721916	.2055314	.6564528	.1989272	.1562525

#1	.5251478	10.93283	.5238833	5.846396	.5240465	.2469770
#2	.5205621	10.74378	.5217630	5.807881	.5221047	.2476942
#3	.5227956	10.84062	.5225218	5.884637	.5224295	.2470866

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.868899	.5310417	.9899289	9.422209	F .0044895	F .0176220
Stddev	.293240	.0067495	.0244909	.142778	.0002302	.0022824
%RSD	2.971354	1.270999	2.474001	1.515338	5.126575	12.95178

#1	9.540247	.5364224	.9973124	9.550573	.0046813	.0201210
#2	9.962651	.5234685	1.009879	9.447625	.0042343	.0156476
#3	10.10380	.5332341	.962596	9.268430	.0045529	.0170974

Sample Name: ICV006 Acquired: 12/26/2021 14:13:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV006 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.000455	F -.000878	F .0051765	F .0027108	F -.000229	F .0054090
Stddev	.000700	.001021	.0006836	.0013907	.000540	.0007990
%RSD	154.0310	116.2694	13.20621	51.30304	235.6250	14.77119
#1	-.000854	-.000271	.0055539	.0011807	-.000804	.0051180
#2	.000354	-.002057	.0055883	.0038981	.000266	.0047963
#3	-.000864	-.000307	.0043874	.0030536	-.000149	.0063127

Elem	Sr4077
Units	ppm
Avg	F -.009411
Stddev	.000180
%RSD	1.907736
#1	-.009607
#2	-.009255
#3	-.009372

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	954.2674	44262.39	8037.397	1097.245	1600.850
Stddev	1.1353	194.32	56.718	6.855	3.181
%RSD	.1189705	.4390289	.7056783	.6247896	.1987023
#1	954.9882	44046.70	7973.455	1089.760	1601.527
#2	954.8552	44316.65	8057.100	1098.754	1597.385
#3	952.9587	44423.82	8081.637	1103.220	1603.638

Sample Name: ICB006 Acquired: 12/26/2021 14:20:45 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056572	-.004276	.0015069	.0019882	-.004725	.0023655	.0000727
Stddev	.0118332	.001655	.0054509	.0047201	.003618	.0004470	.0004331
%RSD	209.1708	38.70833	361.7286	237.4096	76.57249	18.89536	595.8912

#1	.0116922	-.006082	.0073176	.0035743	-.006413	.0027171	-.000214
#2	.0132561	-.002833	-.003493	-.003321	-.000572	.0025168	-.000139
#3	-.007977	-.003912	.000697	.005711	-.007192	.0018625	.000571

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000189	-.000033	.0022033	-.000576	.0001850	.0025213	.0053682
Stddev	.0000678	.000165	.0016530	.000319	.0002565	.0012141	.0231893
%RSD	358.5962	494.9522	75.02142	55.46659	138.6889	48.15287	431.9767

#1	.0000298	.000113	.0039371	-.000415	.0000015	.0013455	-.020332
#2	-.000054	-.000001	.0020277	-.000369	.0004780	.0037703	.011709
#3	.000081	-.000212	.0006452	-.000944	.0000753	.0024479	.024728

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001660	.0585385	-.000144	.0002231	-.118072	-.005283	-.003418
Stddev	.0005324	.0043434	.000166	.0004325	.119110	.003575	.015447
%RSD	320.8264	7.419772	115.0916	193.8785	100.8796	67.67888	451.9031

#1	.0000651	.0538100	-.000133	.0003090	-.239438	-.008731	-.003912
#2	-.000309	.0623506	-.000316	.0006061	-.001353	-.001592	-.018612
#3	.000742	.0594549	.000016	-.000246	-.113425	-.005526	.012270

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2275367	-.000358	.0051078	-.000225	-.000461	-.001032	.0010533
Stddev	.0283185	.000350	.0002704	.000478	.000553	.001104	.0015663
%RSD	12.44570	97.90691	5.293059	212.3622	119.8105	106.9930	148.6960

#1	.2423884	-.000719	.0053854	-.000721	-.001014	-.001495	.0025578
#2	.2453400	-.000020	.0048454	.000232	-.000462	-.001829	-.000568
#3	.1948817	-.000334	.0050926	-.000186	.000092	.000228	.001170

Sample Name: ICB006 Acquired: 12/26/2021 14:20:45 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICB006 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005394	.0021334	-.000039
Stddev	.0004062	.0006670	.000061
%RSD	75.30206	31.26438	155.7319

#1	.0004335	.0013812	.000009
#2	.0009881	.0026528	-.000019
#3	.0001967	.0023661	-.000108

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	955.5333	44541.89	8054.992	1092.245	1612.875
Stddev	1.4888	123.80	70.331	2.175	3.561
%RSD	.1558046	.2779319	.8731385	.1990998	.2207841

#1	954.8367	44660.08	7991.775	1090.067	1610.887
#2	954.5206	44552.43	8042.450	1094.416	1610.752
#3	957.2427	44413.16	8130.750	1092.252	1616.987

Sample Name: ICSA006 Acquired: 12/26/2021 14:24:52 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005494	-.003283	-.004821	.0146634	.0057716	249.0091
Stddev	.014531	.009869	.008262	.0077273	.0029275	3.6531
%RSD	264.4723	300.6065	171.3672	52.69781	50.72249	1.467048

#1	-.003623	-.000010	.004616	.0197139	.0030866	252.4044
#2	.008010	-.014372	-.010747	.0185084	.0088926	249.4791
#3	-.020871	.004534	-.008333	.0057679	.0053355	245.1437

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065010	.0011438	-.001619	253.4271	.0582451	-.000388
Stddev	.0006783	.0000804	.000188	3.3693	.0006634	.000164
%RSD	10.43445	7.027847	11.61788	1.329499	1.138921	42.17148

#1	.0064109	.0011074	-.001627	257.3034	.0587174	-.000274
#2	.0072199	.0012359	-.001803	251.2002	.0585311	-.000315
#3	.0058722	.0010880	-.001427	251.7779	.0574866	-.000576

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007870	102.4551	.0113171	248.3108	.0020251	-.002744
Stddev	.0007305	1.4490	.0009604	3.2864	.0006337	.000629
%RSD	92.82521	1.414248	8.486455	1.323506	31.29402	22.90848

#1	.0000425	103.7258	.0113772	252.0460	.0027104	-.003328
#2	.0008159	102.7623	.0103281	247.0234	.0019046	-.002078
#3	.0015026	100.8772	.0122461	245.8629	.0014602	-.002826

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2186490	-.003986	.0292879	-.001800	F -.010225	F .0548262
Stddev	.0951433	.002442	.0225575	.058371	.000664	.0028022
%RSD	43.51419	61.25478	77.02010	3242.888	6.488903	5.111014

#1	.1853561	-.002165	.0160435	-.000961	-.010676	.0566923
#2	.1446260	-.006760	.0164863	.056147	-.010537	.0561825
#3	.3259648	-.003032	.0553338	-.060586	-.009463	.0516040

Sample Name: ICSA006 Acquired: 12/26/2021 14:24:52 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA006 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001060	.0022198	-.005375	.0049366	-.001489	.0039348
Stddev	.000547	.0008402	.000874	.0049273	.000545	.0018382
%RSD	51.55768	37.85308	16.25843	99.81072	36.60349	46.71645

#1	-.001379	.0018200	-.005554	.0003700	-.001227	.0054085
#2	-.001373	.0031852	-.004425	.0042810	-.002116	.0018750
#3	-.000429	.0016540	-.006145	.0101589	-.001125	.0045209

Elem	Sr4077
Units	ppm
Avg	.0051854
Stddev	.0007321
%RSD	14.11779

#1	.0051174
#2	.0059491
#3	.0044897

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	882.3789	40884.92	7994.176	1003.414	1380.990
Stddev	.5470	118.55	93.565	4.062	3.351
%RSD	.0619883	.2899558	1.170412	.4048254	.2426731

#1	881.7928	41019.93	7887.937	1001.323	1377.393
#2	882.4681	40797.84	8030.285	1000.824	1384.024
#3	882.8757	40836.99	8064.306	1008.096	1381.554

Sample Name: ICSAB006 Acquired: 12/26/2021 14:28:56 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1097891	.1009274	.0500601	.0728930	.6199175	250.3078
Stddev	.0194537	.0127062	.0045370	.0104120	.0086519	.8643
%RSD	17.71914	12.58949	9.063049	14.28401	1.395652	.3453035

#1	.0874844	.0922781	.0487870	.0690889	.6197611	251.0359
#2	.1186352	.0949884	.0550976	.0846722	.6113449	249.3526
#3	.1232478	.1155156	.0462957	.0649180	.6286466	250.5348

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5341141	.5486084	1.066254	254.6581	.6106453	.5200796
Stddev	.0039220	.0051150	.001997	1.3863	.0047096	.0012248
%RSD	.7342940	.9323514	.1873281	.5443677	.7712537	.2355040

#1	.5374433	.5529622	1.064869	255.9111	.6160821	.5196867
#2	.5297907	.5429752	1.065349	253.1689	.6078193	.5190995
#3	.5351082	.5498879	1.068544	254.8944	.6080346	.5214527

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5174403	102.5434	.5180784	249.7365	1.052200	.2086677
Stddev	.0031039	.5534	.0033773	.8039	.004589	.0008014
%RSD	.5998616	.5397005	.6518919	.3219192	.4361070	.3840426

#1	.5141963	102.2301	.5210353	250.4549	1.050418	.2087535
#2	.5203821	103.1824	.5143979	248.8681	1.048769	.2078268
#3	.5177424	102.2178	.5188019	249.8866	1.057412	.2094226

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1879910	.5287930	.9660276	-.151398	-.005431	F .0526638
Stddev	.1796841	.0025414	.0505034	.046363	.000637	.0041318
%RSD	95.58125	.4806079	5.227948	30.62335	11.72935	7.845666

#1	.3263846	.5261375	.9268193	-.204040	-.004704	.0505700
#2	.2526666	.5312024	1.023017	-.116640	-.005891	.0574233
#3	-.015078	.5290392	.948247	-.133515	-.005697	.0499980

Sample Name: ICSAB006 Acquired: 12/26/2021 14:28:56 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB006 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000286	-.001203	-.002111	.0040482	-.003996	.0029212
Stddev	.000803	.001735	.000392	.0047955	.000806	.0016159
%RSD	280.5573	144.1667	18.57145	118.4587	20.16387	55.31696

#1	-.001138	-.000422	-.002246	.0004713	-.004169	.0015910
#2	.000456	-.003191	-.001670	.0021760	-.004701	.0024532
#3	-.000177	.000003	-.002418	.0094974	-.003118	.0047196

Elem	Sr4077
Units	ppm
Avg	.0051532
Stddev	.0002667
%RSD	5.176226

#1	.0053864
#2	.0048623
#3	.0052108

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	893.2491	41370.67	7984.696	1024.619	1401.632
Stddev	.5144	223.41	26.699	11.169	1.379
%RSD	.0575845	.5400152	.3343715	1.090106	.0983614

#1	893.5322	41519.55	7978.950	1036.768	1402.576
#2	892.6553	41113.78	8013.800	1014.794	1402.269
#3	893.5596	41478.68	7961.339	1022.297	1400.049

Sample Name: CCV012 Acquired: 12/26/2021 14:32:54 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV012 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.982200	4.870085	24.57176	4.810849	4.848883	401.5446
Stddev	.005446	.033728	.02146	.020986	.016852	.4501
%RSD	.1093189	.6925444	.0873268	.4362184	.3475491	.1120899

#1	4.984703	4.831164	24.57683	4.787636	4.833781	402.0470
#2	4.985945	4.890734	24.54822	4.828478	4.845807	401.1782
#3	4.975952	4.888356	24.59023	4.816434	4.867061	401.4087

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.02400	.4996921	2.467413	398.2564	14.90546	2.489863
Stddev	.03918	.0024111	.004525	1.3751	.36369	.003081
%RSD	.3908196	.4825109	.1834079	.3452844	2.439982	.1237234

#1	10.05898	.5024142	2.462993	399.5253	15.13442	2.486516
#2	10.03136	.4978251	2.467208	398.4485	14.48610	2.490493
#3	9.98167	.4988370	2.472037	396.7953	15.09586	2.492580

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.85839	403.5602	14.78345	398.5222	2.477616	1.234854
Stddev	.00541	3.1380	.04681	1.1815	.004078	.021589
%RSD	.0364265	.7775879	.3166353	.2964813	.1645793	1.748304

#1	14.86179	405.3526	14.81751	399.7383	2.473154	1.250010
#2	14.85214	405.3912	14.80277	398.4498	2.478546	1.210135
#3	14.86123	399.9368	14.73008	397.3786	2.481148	1.244417

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	398.4072	2.481731	14.91939	150.8100	F 5.510904	4.987121
Stddev	1.1251	.006944	.37443	.2798	.016013	.020381
%RSD	.2824056	.2798029	2.509656	.1855407	.2905721	.4086656

#1	399.6968	2.489452	14.88399	151.0376	5.505395	4.997184
#2	397.6261	2.475999	14.56392	150.8948	5.528944	5.000513
#3	397.8987	2.479740	15.31026	150.4976	5.498373	4.963666

Sample Name: CCV012 Acquired: 12/26/2021 14:32:54 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV012 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.821066	5.129887	4.839893	4.992172	4.930639	4.963367
Stddev	.015844	.003256	.011137	.004210	.008276	.022420
%RSD	.3286466	.0634708	.2301067	.0843289	.1678488	.4517110
#1	4.819740	5.130996	4.851810	4.988835	4.937365	4.987170
#2	4.805927	5.132443	4.838121	4.996902	4.921397	4.960280
#3	4.837532	5.126221	4.829749	4.990779	4.933155	4.942650

Elem	Sr4077
Units	ppm
Avg	4.692327
Stddev	.012058
%RSD	.2569774
#1	4.701987
#2	4.696182
#3	4.678813

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	803.3138	39223.36	7711.837	940.6412	1249.290
Stddev	.2426	737.27	24.069	23.9529	1.974
%RSD	.0302034	1.879673	.3121101	2.546446	.1579994
#1	803.1789	38710.83	7684.389	930.7719	1250.591
#2	803.5939	40068.31	7721.775	967.9519	1247.019
#3	803.1685	38890.93	7729.345	923.1997	1250.260

Sample Name: CCB012 Acquired: 12/26/2021 14:44:26 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB012 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029928	.0016275	.0011046	-.001382	-.003529	.0011566	.0000432
Stddev	.0103805	.0021527	.0027529	.003685	.000675	.0073043	.0000910
%RSD	346.8526	132.2728	249.2110	266.7264	19.13870	631.5219	210.7034

#1	.0042177	.0037333	-.002001	-.003605	-.003787	.0087408	-.000032
#2	-.007946	.0017184	.003243	.002872	-.002762	.0005602	.000017
#3	.012706	-.000569	.002073	-.003413	-.004037	-.005831	.000144

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000027	-.000222	.0067989	-.000470	.0003046	.0019579	.0036671
Stddev	.000047	.000075	.0073179	.000312	.0002454	.0019554	.0260667
%RSD	170.7167	33.79807	107.6325	66.37856	80.57523	99.87377	710.8258

#1	-.000078	-.000178	.0151662	-.000224	.0001439	.0006947	-.003794
#2	-.000016	-.000180	.0036366	-.000364	.0005871	.0042102	-.017855
#3	.000013	-.000309	.0015940	-.000821	.0001828	.0009687	.032651

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005091	.0259164	-.000262	.0001324	-.124642	-.007450	.0146239
Stddev	.0007686	.0068131	.000554	.0003725	.056362	.001921	.0074825
%RSD	150.9711	26.28897	211.0969	281.3540	45.21922	25.78822	51.16660

#1	.0013702	.0218893	-.000861	.0001457	-.060203	-.007361	.0081550
#2	.0002643	.0220771	-.000156	-.000247	-.164760	-.005574	.0228185
#3	-.000107	.0337828	.000231	.000498	-.148964	-.009413	.0128980

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117511	-.000816	.0032828	-.000903	-.000396	-.007768	.0017737
Stddev	.0780553	.000454	.0002708	.000221	.000793	.001019	.0019618
%RSD	664.2387	55.67743	8.249212	24.50523	200.2703	13.11758	110.6031

#1	-.041850	-.001298	.0030138	-.001157	-.000056	-.008908	.0000672
#2	.101304	-.000396	.0035554	-.000791	-.001302	-.007449	.0039171
#3	-.024201	-.000753	.0032790	-.000759	.000171	-.006946	.0013368

Sample Name: CCB012 Acquired: 12/26/2021 14:44:26 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB012 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012002	.0010487	-.000032
Stddev	.0011299	.0005284	.000069
%RSD	94.14419	50.38173	214.3050

#1	-.000067	.0011033	-.000018
#2	.001565	.0015477	.000028
#3	.002103	.0004952	-.000107

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	964.6052	44288.05	8196.483	1084.716	1632.143
Stddev	8.4203	1204.15	58.064	32.471	15.246
%RSD	.8729246	2.718905	.7084021	2.993546	.9341316

#1	954.9380	42902.09	8147.925	1047.548	1615.220
#2	970.3388	44884.53	8260.800	1099.022	1636.402
#3	968.5388	45077.53	8180.725	1107.578	1644.807

Sample Name: PB141682BL Acquired: 12/26/2021 14:52:01 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS682 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003829	-.005007	-.002357	.0037390	-.003587	.0056029	.0001726
Stddev	.008605	.000775	.001117	.0070730	.002759	.0042498	.0003436
%RSD	224.7144	15.48223	47.36136	189.1688	76.92194	75.85022	199.0204

#1	-.013750	-.004172	-.002939	.0111200	-.005926	.0012268	-.000164
#2	.000651	-.005704	-.003063	.0030763	-.004291	.0097141	.000523
#3	.001612	-.005145	-.001070	-.002979	-.000544	.0058679	.000159

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000079	-.000123	-.012584	-.000513	.0000019	-.001149	.0050987
Stddev	.000037	.000059	.018583	.000426	.0002668	.001302	.0025586
%RSD	46.65214	48.05662	147.6734	83.06593	13830.07	113.2749	50.18102

#1	-.000116	-.000125	-.024666	-.001004	.0002561	-.000923	.0072172
#2	-.000078	-.000181	.008814	-.000235	-.000276	-.002549	.0022561
#3	-.000042	-.000063	-.021899	-.000301	.000026	.000025	.0058229

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003366	.0171901	-.000566	.0008672	-.312309	-.003713	-.018514
Stddev	.0005668	.0244101	.000706	.0000192	.236799	.001580	.010601
%RSD	168.4023	142.0006	124.7512	2.213189	75.82186	42.54768	57.26154

#1	-.000297	.0392766	-.000114	.0008595	-.299941	-.003892	-.030481
#2	.000796	.0213125	-.000204	.0008532	-.555050	-.005196	-.014761
#3	.000511	-.009019	-.001380	.0008891	-.081937	-.002051	-.010299

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.866538	.0001478	.0007667	-.000461	-.000663	-.012533	-.002522
Stddev	.088111	.0002025	.0012823	.000382	.000432	.001260	.002476
%RSD	10.16816	136.9692	167.2585	82.82478	65.24162	10.05437	98.15583

#1	-.771286	.0003582	.0009366	-.000819	-.000463	-.011396	-.002472
#2	-.945129	-.000046	-.000592	-.000506	-.001159	-.013888	-.000072
#3	-.883199	.000131	.001956	-.000059	-.000367	-.012316	-.005023

Sample Name: PB141682BL Acquired: 12/26/2021 14:52:01 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS682 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004681	-.001353	-.000034
Stddev	.0009247	.001319	.000053
%RSD	197.5269	97.47810	154.9635

#1	-.000497	-.001946	-.000089
#2	.000555	.000158	-.000030
#3	.001346	-.002271	.000016

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	971.1645	46402.83	8249.692	1122.687	1646.547
Stddev	4.0766	102.58	52.315	2.307	4.499
%RSD	.4197651	.2210705	.6341421	.2055032	.2732400

#1	973.6560	46284.39	8305.250	1124.726	1649.572
#2	973.3777	46460.65	8242.450	1123.153	1648.693
#3	966.4600	46463.46	8201.375	1120.183	1641.377

Sample Name: PB141682BS Acquired: 12/26/2021 14:56:10 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS682 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0228695	.0556541	.0181103	.0708400	.1184083	.3916125
Stddev	.0262276	.0016276	.0040444	.0053290	.0025133	.0119900
%RSD	114.6839	2.924428	22.33188	7.522641	2.122543	3.061692

#1	.0476808	.0563937	.0223536	.0769935	.1182424	.4037716
#2	-.004576	.0567805	.0176776	.0677465	.1159821	.3797992
#3	.025503	.0537881	.0142996	.0677801	.1210004	.3912667

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4077483	.0115520	.0108690	10.42884	.0207896	.0970564
Stddev	.0141488	.0004575	.0002405	.36099	.0007176	.0005472
%RSD	3.469997	3.960566	2.212721	3.461413	3.451575	.5637985

#1	.4238639	.0120299	.0109214	10.83937	.0213866	.0965304
#2	.4020160	.0115082	.0106065	10.28607	.0199935	.0970164
#3	.3973652	.0111180	.0110789	10.16107	.0209886	.0976226

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0527897	.1957908	.0329936	10.03943	.0800142	.0207996
Stddev	.0040085	.0019254	.0013587	.24960	.0004777	.0001880
%RSD	7.593345	.9833789	4.118035	2.486171	.5970332	.9040053

#1	.0573983	.1937157	.0344120	10.32491	.0799397	.0206894
#2	.0501134	.1961371	.0317037	9.93095	.0795781	.0210167
#3	.0508573	.1975194	.0328651	9.86242	.0805247	.0206927

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.846949	.1049345	.1037153	9.625744	F .0024311	.0229912
Stddev	.214578	.0036616	.0152339	.211268	.0003365	.0017206
%RSD	2.179128	3.489422	14.68820	2.194820	13.84045	7.483540

#1	10.08636	.1089972	.1211970	9.859460	.0025315	.0245582
#2	9.67196	.1039171	.0932816	9.569442	.0020558	.0232655
#3	9.78252	.1018892	.0966674	9.448332	.0027059	.0211500

Sample Name: PB141682BS Acquired: 12/26/2021 14:56:10 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS682 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0196114	F .0193106	.2006700	.0145378	.2095721	.0293248
Stddev	.0004326	.0007043	.0066004	.0032482	.0081779	.0016976
%RSD	2.205628	3.647340	3.289197	22.34337	3.902178	5.789007
#1	.0191183	.0187752	.2081037	.0178842	.2189112	.0311481
#2	.0199268	.0190480	.1984096	.0143318	.2061122	.0290363
#3	.0197890	.0201084	.1954968	.0113975	.2036929	.0277899

Elem	Sr4077
Units	ppm
Avg	.2132040
Stddev	.0067936
%RSD	3.186447
#1	.2210296
#2	.2097641
#3	.2088184

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	963.7450	44872.40	8110.038	1100.449	1624.359
Stddev	1.3145	244.13	229.598	5.103	1.007
%RSD	.1363991	.5440463	2.831037	.4637437	.0620175
#1	963.8757	45153.06	7849.616	1105.014	1623.210
#2	964.9893	44709.22	8197.227	1101.392	1624.779
#3	962.3700	44754.93	8283.270	1094.939	1625.089

Sample Name: PB141683BL Acquired: 12/26/2021 15:00:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS683 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005437	.0004211	-.003110	-.000316	-.002306	-.010171	.0000149
Stddev	.006435	.0033024	.001004	.001305	.002973	.002281	.0001174
%RSD	118.3601	784.1648	32.27606	413.4508	128.9435	22.42309	789.1301

#1	-.001248	-.002514	-.001951	.001039	-.005588	-.007730	-.000086
#2	-.002216	.003997	-.003697	-.001564	-.001537	-.010536	-.000013
#3	-.012846	-.000220	-.003682	-.000422	.000207	-.012247	.000144

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000034	-.000091	-.000519	-.000469	.0001050	.0003834	-.008963
Stddev	.000020	.000087	.013140	.000532	.0004399	.0019131	.016592
%RSD	60.73906	95.63551	2531.657	113.3212	419.0027	498.9153	185.1089

#1	-.000057	-.000019	.012595	.000139	.0003361	-.001205	-.002269
#2	-.000023	-.000188	-.013686	-.000700	.0003812	-.000152	.003236
#3	-.000021	-.000066	-.000466	-.000847	-.000402	.002507	-.027856

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000722	.0294318	-.000424	.0006247	-.213099	-.004324	-.019088
Stddev	.0004117	.0251876	.000337	.0001974	.040212	.003161	.001064
%RSD	570.3450	85.57957	79.42243	31.59775	18.87026	73.10608	5.574815

#1	.0005437	.0072364	-.000813	.0004250	-.258419	-.003887	-.019059
#2	-.000216	.0568065	-.000228	.0008197	-.181685	-.001404	-.018039
#3	-.000111	.0242526	-.000231	.0006295	-.199193	-.007680	-.020166

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.554834	-.000446	-.000405	-.001207	-.001034	-.009784	-.000206
Stddev	.077086	.000119	.000901	.000483	.000203	.000582	.000450
%RSD	13.89359	26.61291	222.5176	40.04705	19.59967	5.943659	217.9896

#1	-.571878	-.000498	.000245	-.000865	-.000992	-.010431	-.000014
#2	-.470652	-.000530	-.000026	-.001760	-.000856	-.009304	.000116
#3	-.621972	-.000310	-.001433	-.000996	-.001255	-.009617	-.000720

Sample Name: PB141683BL Acquired: 12/26/2021 15:00:19 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS683 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000104	-.000031	-.000019
Stddev	.000941	.001980	.000095
%RSD	906.4985	6350.830	497.2704

#1	.000960	.002077	-.000113
#2	-.000826	-.000318	-.000022
#3	-.000445	-.001853	.000078

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	971.6843	45608.31	8282.575	1109.665	1636.244
Stddev	1.6415	1149.73	35.040	27.730	5.543
%RSD	.1689361	2.520882	.4230622	2.498907	.3387565

#1	971.2873	46222.88	8313.225	1118.483	1630.061
#2	970.2776	46320.14	8290.125	1131.914	1637.903
#3	973.4879	44281.90	8244.375	1078.599	1640.768

Sample Name: PB141683BS Acquired: 12/26/2021 15:04:28 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS683 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0216263	.0447137	.0171850	.0635147	.1204074	.3960937
Stddev	.0093923	.0010987	.0024964	.0082380	.0045164	.0094972
%RSD	43.43012	2.457079	14.52670	12.97023	3.750902	2.397715

#1	.0138970	.0458660	.0188950	.0551042	.1161101	.3943474
#2	.0320795	.0445970	.0183396	.0638714	.1199973	.3875907
#3	.0189023	.0436780	.0143202	.0715686	.1251149	.4063428

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4045522	.0115315	.0109553	10.36044	.0204229	.0981277
Stddev	.0021442	.0001221	.0000125	.08526	.0005203	.0006976
%RSD	.5300120	1.059025	.1144375	.8229746	2.547542	.7108740

#1	.4027976	.0116677	.0109678	10.28787	.0206470	.0987595
#2	.4039168	.0114317	.0109553	10.33910	.0198281	.0973791
#3	.4069423	.0114952	.0109427	10.45435	.0207936	.0982444

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0529749	.2136189	.0330312	10.00047	.0799004	.0210386
Stddev	.0009137	.0199324	.0000943	.04719	.0005124	.0002828
%RSD	1.724745	9.330806	.2855879	.4718418	.6413225	1.344129

#1	.0526892	.1940277	.0330923	10.03772	.0804265	.0207415
#2	.0522383	.2129532	.0329226	9.94741	.0794029	.0210699
#3	.0539973	.2338757	.0330787	10.01627	.0798718	.0213044

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.897375	.1001824	.1003737	9.591111	F .0021285	.0232521
Stddev	.252171	.0003699	.0189608	.105333	.0002388	.0009631
%RSD	2.547853	.3692323	18.89021	1.098237	11.21904	4.141998

#1	9.789495	.1002006	.1160081	9.528584	.0023963	.0237200
#2	10.18554	.0998038	.1058299	9.712723	.0019376	.0221444
#3	9.71709	.1005429	.0792830	9.532026	.0020517	.0238918

Sample Name: PB141683BS Acquired: 12/26/2021 15:04:28 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS683 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0197421	F .0195659	.1998881	.0158912	.2076444	.0291027
Stddev	.0011066	.0002160	.0004517	.0007686	.0016608	.0003459
%RSD	5.605391	1.103847	.2259567	4.836678	.7998114	1.188470

#1	.0192826	.0198152	.2003927	.0165141	.2061354	.0289734
#2	.0189393	.0194364	.1995216	.0150323	.2073740	.0288400
#3	.0210044	.0194461	.1997501	.0161273	.2094237	.0294946

Elem	Sr4077
Units	ppm
Avg	.2121926
Stddev	.0008120
%RSD	.3826909

#1	.2126519
#2	.2112550
#3	.2126708

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	963.5111	44872.06	8223.889	1099.579	1622.083
Stddev	2.6480	334.86	19.394	5.466	.813
%RSD	.2748331	.7462473	.2358252	.4971085	.0501467

#1	966.5659	44587.07	8210.069	1105.512	1621.447
#2	962.0987	45240.86	8246.060	1098.476	1621.803
#3	961.8686	44788.24	8215.539	1094.748	1622.999

Sample Name: M5159-19 Acquired: 12/26/2021 15:08:36 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX569 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1096608	-.004583	2.064648	.0373298	.0026731	106.4150	1.343243
Stddev	.0169830	.005218	.009278	.0040726	.0013333	.2225	.002334
%RSD	15.48688	113.8522	.4493518	10.90976	49.87959	.2090776	.1737214

#1	.1043217	-.009027	2.059097	.0417114	.0042114	106.2615	1.345684
#2	.1286718	.001163	2.059489	.0336601	.0019575	106.6702	1.343009
#3	.0959889	-.005886	2.075359	.0366179	.0018503	106.3135	1.341035

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0119176	.0001995	53.34719	.1604054	.1013123	.2529198	262.6596
Stddev	.0001933	.0002848	.14484	.0007743	.0010947	.0043476	1.6154
%RSD	1.621780	142.7853	.2714962	.4827329	1.080558	1.718943	.6149992

#1	.0118742	.0002666	53.18498	.1600473	.1021860	.2521482	264.2633
#2	.0121289	.0004447	53.46357	.1612940	.1000843	.2490097	262.6825
#3	.0117498	-.000113	53.39301	.1598750	.1016668	.2576015	261.0329

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.021905	19.61744	.2247046	-.005284	1.341062	.3054969	1.067626
Stddev	.008950	.01614	.0006548	.000586	.237245	.0048758	.030649
%RSD	.2225238	.0822862	.2913966	11.08675	17.69085	1.596034	2.870717

#1	4.016184	19.59953	.2248617	-.004999	1.615009	.3100638	1.032988
#2	4.032219	19.63087	.2239856	-.004895	1.204399	.3060649	1.078662
#3	4.017313	19.62192	.2252666	-.005958	1.203778	.3003619	1.091229

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.778148	.8178571	.1774640	.0197899	.4181930	5.236705	.0484660
Stddev	.029683	.0033746	.0035462	.0004571	.0016293	.019910	.0019106
%RSD	.3816171	.4126163	1.998241	2.309914	.3896042	.3802100	3.942128

#1	7.743880	.8180675	.1815288	.0199803	.4168073	5.220184	.0488141
#2	7.794719	.8143822	.1750033	.0192683	.4199879	5.231119	.0501786
#3	7.795846	.8211216	.1758599	.0201210	.4177837	5.258812	.0464053

Sample Name: M5159-19 Acquired: 12/26/2021 15:08:36 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX569 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.004403	.1092881	-.058956
Stddev	.002336	.0002291	.001882
%RSD	.2326040	.2096055	3.192482

#1	1.004127	.1090410	-.060757
#2	1.006865	.1094934	-.059108
#3	1.002217	.1093298	-.057002

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1106.257	51208.86	9564.941	1263.712	1590.540
Stddev	.564	44.58	39.394	5.982	3.393
%RSD	.0510260	.0870476	.4118611	.4733702	.2133059

#1	1106.301	51180.86	9590.632	1261.266	1594.433
#2	1106.799	51260.27	9584.606	1270.529	1588.971
#3	1105.672	51185.46	9519.586	1259.341	1588.216

Sample Name: M5160-01 Acquired: 12/26/2021 15:12:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX570 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1115919	-.007795	.7906565	.0308079	.0027872	95.65255	.8610589
Stddev	.0106114	.001482	.0034541	.0088641	.0024894	.60107	.0099124
%RSD	9.509148	19.01638	.4368663	28.77228	89.31274	.6283854	1.151187

#1	.1023629	-.009111	.7903333	.0219070	-.000087	95.41063	.8543538
#2	.1231865	-.008086	.7942608	.0308820	.004240	95.21014	.8563780
#3	.1092263	-.006189	.7873753	.0396348	.004209	96.33688	.8724449

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098456	-.002200	58.62596	.1413070	.1128604	.2045806	254.6791
Stddev	.0000446	.000012	.69431	.0006823	.0003787	.0024262	1.6267
%RSD	.4528451	.5352897	1.184305	.4828254	.3355399	1.185922	.6387362

#1	.0098545	-.002211	58.22391	.1420495	.1132316	.2026672	252.8197
#2	.0097972	-.002200	58.22629	.1407076	.1124746	.2037652	255.8394
#3	.0098851	-.002187	59.42768	.1411641	.1128750	.2073094	255.3781

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.439660	23.15530	.2121673	-.005139	1.172482	.2426050	.8278184
Stddev	.049125	.16348	.0015229	.000046	.221622	.0038756	.0373974
%RSD	1.106513	.7060104	.7177999	.9030023	18.90194	1.597492	4.517591

#1	4.416241	23.08746	.2128574	-.005131	.936524	.2381538	.8536209
#2	4.406626	23.03666	.2132231	-.005097	1.204676	.2452312	.7849298
#3	4.496113	23.34177	.2104215	-.005189	1.376247	.2444299	.8449047

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.167849	.5206041	.1398273	.0145883	.1884469	3.435221	.0311128
Stddev	.101655	.0029219	.0050553	.0006412	.0006026	.036171	.0026526
%RSD	1.648147	.5612521	3.615370	4.395252	.3197935	1.052957	8.525712

#1	6.284014	.5172885	.1368060	.0139798	.1877534	3.403833	.0296207
#2	6.124362	.5228027	.1456634	.0152578	.1888435	3.427051	.0341754
#3	6.095171	.5217212	.1370124	.0145275	.1887438	3.474778	.0295422

Sample Name: M5160-01 Acquired: 12/26/2021 15:12:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX570 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9712065	.1084728	-.056376
Stddev	.0088329	.0015045	.001112
%RSD	.9094819	1.386937	1.971888

#1	.9621405	.1074906	-.055238
#2	.9716926	.1077230	-.057459
#3	.9797863	.1102048	-.056431

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1084.810	50592.87	9426.617	1249.683	1591.682
Stddev	1.324	254.23	97.373	9.768	2.414
%RSD	.1220610	.5025053	1.032955	.7816150	.1516683

#1	1084.326	50301.63	9479.554	1240.458	1594.462
#2	1083.796	50770.43	9486.053	1259.915	1590.113
#3	1086.308	50706.54	9314.243	1248.676	1590.471

Sample Name: M5160-02 Acquired: 12/26/2021 15:16:44 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX571 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1317004	-.003882	3.806971	.0370885	.0053382	104.2470	1.288799
Stddev	.0121321	.004612	.007349	.0017996	.0049105	2.6666	.027354
%RSD	9.211872	118.7947	.1930378	4.852245	91.98831	2.557916	2.122421

#1	.1379527	-.008587	3.800309	.0378664	.0005651	101.1971	1.259335
#2	.1177175	.000632	3.814854	.0383683	.0050741	106.1380	1.313387
#3	.1394310	-.003692	3.805750	.0350308	.0103755	105.4060	1.293676

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104797	-.001468	45.76451	.1506617	.1127002	.2466375	267.1107
Stddev	.0001964	.000506	.92205	.0010398	.0001662	.0086836	7.5255
%RSD	1.874243	34.45040	2.014778	.6901338	.1474903	3.520777	2.817366

#1	.0102529	-.000955	44.78761	.1496976	.1126626	.2366114	258.4876
#2	.0105946	-.001482	46.61960	.1505242	.1125561	.2515422	272.3520
#3	.0105915	-.001966	45.88632	.1517634	.1128820	.2517590	270.4926

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.151647	19.32463	.2494795	-.006422	1.264308	.3168465	1.153247
Stddev	.115863	.43894	.0012430	.000714	.123231	.0095617	.014313
%RSD	2.249046	2.271421	.4982210	11.11443	9.746948	3.017761	1.241080

#1	5.031604	18.87663	.2500556	-.007088	1.218248	.3061442	1.142545
#2	5.262819	19.75392	.2503299	-.005669	1.403935	.3245472	1.147692
#3	5.160517	19.34334	.2480530	-.006508	1.170741	.3198482	1.169504

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.535862	.8093919	.1649897	.0200069	.4910246	4.545497	.0544137
Stddev	.166904	.0085136	.0066977	.0004898	.0030966	.110975	.0020909
%RSD	2.214796	1.051857	4.059438	2.448325	.6306400	2.441427	3.842606

#1	7.344031	.8131208	.1592645	.0201341	.4945852	4.425394	.0532445
#2	7.615722	.7996500	.1633496	.0204206	.4895280	4.644239	.0568277
#3	7.647832	.8154048	.1723551	.0194660	.4889605	4.566856	.0531690

Sample Name: M5160-02 Acquired: 12/26/2021 15:16:44 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX571 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.583672	.1078063	-.121184
Stddev	.041303	.0024995	.003334
%RSD	2.608027	2.318530	2.751493

#1	1.536466	.1056005	-.117351
#2	1.613155	.1105212	-.123412
#3	1.601395	.1072973	-.122789

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1098.968	50943.22	9651.246	1262.866	1570.053
Stddev	2.189	156.33	198.769	6.638	2.744
%RSD	.1992231	.3068797	2.059513	.5255968	.1747986

#1	1099.993	50833.82	9867.227	1256.158	1572.464
#2	1100.458	51122.28	9476.000	1269.431	1570.629
#3	1096.455	50873.58	9610.513	1263.011	1567.066

Sample Name: M5160-03 Acquired: 12/26/2021 15:20:45 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX572 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0917819	-.000494	.7073695	.0221564	.0036021	96.20640	1.046270
Stddev	.0181912	.007171	.0020372	.0093949	.0039434	.25163	.003961
%RSD	19.82000	1451.870	.2879984	42.40256	109.4738	.2615474	.3785947

#1	.1106770	-.007143	.7097211	.0182559	.0081556	96.04773	1.043734
#2	.0743876	-.001444	.7062459	.0153401	.0013172	96.49652	1.050834
#3	.0902813	.007105	.7061416	.0328733	.0013336	96.07493	1.044241

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098940	-.001460	164.1562	.1358155	.1215522	.1914924	232.8796
Stddev	.0001717	.000078	.4548	.0005315	.0006917	.0016400	.8492
%RSD	1.735575	5.328875	.2770520	.3913643	.5690438	.8564375	.3646477

#1	.0097389	-.001545	163.9713	.1359041	.1213987	.1897298	233.5409
#2	.0098644	-.001444	164.6744	.1362972	.1209502	.1929734	231.9220
#3	.0100785	-.001391	163.8230	.1352453	.1223078	.1917741	233.1760

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.170659	25.60125	.2118881	-.005234	1.481851	.2350348	.7280063
Stddev	.010808	.07471	.0005648	.000251	.233501	.0022220	.0252159
%RSD	.2090184	.2918220	.2665409	4.786441	15.75737	.9453809	3.463687

#1	5.168540	25.57608	.2125381	-.004952	1.674350	.2332907	.7565678
#2	5.182370	25.68530	.2116093	-.005320	1.222106	.2375365	.7186263
#3	5.161069	25.54238	.2115169	-.005431	1.549096	.2342773	.7088247

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.833463	.5622054	.1268248	.0129947	.2315397	4.429921	.0281745
Stddev	.091071	.0029836	.0049815	.0005696	.0019822	.032321	.0021346
%RSD	1.332725	.5306965	3.927857	4.383559	.8561010	.7296137	7.576248

#1	6.766800	.5616412	.1306687	.0124596	.2307047	4.415716	.0264239
#2	6.937229	.5595443	.1211970	.0135935	.2301116	4.466912	.0305524
#3	6.796361	.5654309	.1286088	.0129309	.2338028	4.407135	.0275471

Sample Name: M5160-03 Acquired: 12/26/2021 15:20:45 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX572 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9290175	.1057247	.0967759
Stddev	.0040207	.0004973	.0006048
%RSD	.4327931	.4703893	.6249547

#1	.9254203	.1051898	.0961542
#2	.9333580	.1061731	.0973623
#3	.9282742	.1058114	.0968113

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1065.668	49830.89	9367.591	1218.969	1525.210
Stddev	.381	95.71	63.681	3.453	1.172
%RSD	.0357091	.1920667	.6798037	.2833066	.0768244

#1	1065.860	49734.59	9372.730	1215.073	1525.371
#2	1065.230	49832.09	9301.495	1220.180	1523.966
#3	1065.914	49926.00	9428.547	1221.653	1526.293

Sample Name: M5160-04 Acquired: 12/26/2021 15:24:45 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX574 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1075155	-.006093	.3600845	.0251334	-.001304	81.86267	.7482059
Stddev	.0134139	.005168	.0050692	.0063980	.002890	.34100	.0038711
%RSD	12.47625	84.82118	1.407784	25.45618	221.6880	.4165495	.5173855

#1	.0929147	-.005794	.3558217	.0202691	-.003469	81.70927	.7452085
#2	.1192930	-.011404	.3656899	.0323810	.001978	82.25342	.7525764
#3	.1103389	-.001081	.3587419	.0227502	-.002420	81.62530	.7468327

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086929	-.001494	24.67004	.1157766	.1252905	.1829970	212.2632
Stddev	.0000778	.000205	.09715	.0005714	.0005664	.0023713	.6189
%RSD	.8952929	13.70352	.3937825	.4935426	.4520736	1.295827	.2915799

#1	.0086198	-.001565	24.58104	.1155664	.1259096	.1827521	212.2026
#2	.0087747	-.001263	24.77367	.1153400	.1247984	.1807576	211.6767
#3	.0086844	-.001654	24.65542	.1164233	.1251634	.1854812	212.9101

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.900757	14.28688	.2085882	-.005070	.9479642	.2196667	.7549058
Stddev	.009718	.08183	.0009302	.000170	.1124429	.0057456	.0131542
%RSD	.2491283	.5727619	.4459446	3.352777	11.86151	2.615588	1.742496

#1	3.890639	14.20844	.2083120	-.005266	1.063948	.2141209	.7424878
#2	3.910018	14.37173	.2078274	-.004958	.940511	.2192861	.7686896
#3	3.901616	14.28047	.2096252	-.004987	.839433	.2255931	.7535399

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.296676	.4425395	.1122797	.0159656	.1338372	3.314858	.0247873
Stddev	.030039	.0050882	.0022220	.0003882	.0009802	.012207	.0051076
%RSD	.5671340	1.149777	1.978987	2.431622	.7323773	.3682458	20.60578

#1	5.281051	.4374826	.1135142	.0157286	.1335613	3.310566	.0249925
#2	5.331308	.4476585	.1097146	.0164136	.1330246	3.328632	.0195802
#3	5.277671	.4424773	.1136104	.0157547	.1349258	3.305377	.0297893

Sample Name: M5160-04 Acquired: 12/26/2021 15:24:45 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX574 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.259339	.0705362	-.119440
Stddev	.005258	.0008360	.000712
%RSD	.4175058	1.185249	.5965147

#1	1.257340	.0710680	-.119472
#2	1.265303	.0709679	-.118712
#3	1.255374	.0695725	-.120136

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1098.620	51100.30	9467.474	1253.063	1594.322
Stddev	.617	219.49	14.475	2.191	2.795
%RSD	.0561242	.4295342	.1528968	.1748308	.1753143

#1	1099.289	51302.96	9482.485	1255.571	1595.003
#2	1098.075	51130.78	9466.336	1251.520	1596.714
#3	1098.496	50867.16	9453.601	1252.098	1591.250

Sample Name: M5160-05 Acquired: 12/26/2021 15:28:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX575 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1250518	-.005282	.3311651	.0299439	.0069720	108.3092	.6902922
Stddev	.0141806	.007907	.0036967	.0093478	.0019977	.4434	.0075756
%RSD	11.33977	149.6882	1.116271	31.21779	28.65265	.4093425	1.097447

#1	.1257608	-.003276	.3281188	.0270434	.0083977	108.7556	.6982114
#2	.1105300	.001428	.3352777	.0403981	.0078296	108.3031	.6895504
#3	.1388646	-.014000	.3300987	.0223901	.0046887	107.8689	.6831148

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089309	-.002275	207.5975	.1460309	.1070758	.2026944	247.6688
Stddev	.0002296	.000468	2.3986	.0112012	.0003234	.0038372	3.9476
%RSD	2.570923	20.55802	1.155430	7.670464	.3019977	1.893103	1.593902

#1	.0086918	-.002094	210.0360	.1331363	.1074472	.2071150	249.3664
#2	.0091497	-.002806	207.5156	.1516031	.1069232	.2007452	250.4837
#3	.0089513	-.001924	205.2409	.1533532	.1068569	.2002231	243.1564

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.041639	24.86459	.2322618	-.005275	.8784236	.2685820	.7307401
Stddev	.033035	.20820	.0010963	.002635	.1943387	.0016737	.0658194
%RSD	1.086095	.8373371	.4720055	49.95049	22.12357	.6231771	9.007229

#1	3.071219	25.07972	.2316098	-.002307	1.068628	.2705132	.6610267
#2	3.047708	24.84996	.2335275	-.006180	.680198	.2676817	.7393815
#3	3.005990	24.66409	.2316481	-.007339	.886445	.2675511	.7918119

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.230278	.5459105	.1398614	.0157541	.2437082	9.163623	.0235412
Stddev	.048037	.0049337	.0095444	.0002291	.0024373	.095638	.0029970
%RSD	.6643869	.9037557	6.824214	1.454227	1.000086	1.043675	12.73091

#1	7.271354	.5444988	.1457050	.0159579	.2434479	9.086203	.0210718
#2	7.242022	.5418366	.1450319	.0157984	.2414115	9.270534	.0268756
#3	7.177458	.5513962	.1288473	.0155062	.2462651	9.134134	.0226763

Sample Name: M5160-05 Acquired: 12/26/2021 15:28:47 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX575 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.463805	.0922543	.0660842
Stddev	.008629	.0009710	.0033467
%RSD	.5894737	1.052533	5.064374

#1	1.471587	.0928170	.0649927
#2	1.465302	.0911330	.0634195
#3	1.454525	.0928127	.0698405

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1031.256	50047.29	9191.826	1228.146	1489.979
Stddev	1.705	3139.34	66.408	77.672	2.557
%RSD	.1653218	6.272744	.7224693	6.324369	.1716249

#1	1033.042	53635.11	9129.670	1317.458	1490.083
#2	1031.079	48701.81	9184.013	1190.602	1492.483
#3	1029.646	47804.95	9261.795	1176.378	1487.372

Sample Name: M5160-06 Acquired: 12/26/2021 15:32:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX576 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1535600	-.001852	.2377968	.0288503	.0021051	116.3555	.9581531
Stddev	.0131825	.010613	.0072259	.0071002	.0019071	.5813	.0100881
%RSD	8.584569	572.9180	3.038694	24.61058	90.59608	.4995738	1.052865

#1	.1604547	.010043	.2385198	.0221087	.0039784	116.7875	.9667437
#2	.1618652	-.010352	.2302366	.0281805	.0021709	115.6947	.9470446
#3	.1383600	-.005249	.2446341	.0362617	.0001659	116.5844	.9606711

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110863	-.002029	339.9889	.1801751	.1733628	.2450288	324.2919
Stddev	.0001946	.000144	3.4531	.0003988	.0015907	.0033137	1.3998
%RSD	1.754921	7.122159	1.015645	.2213360	.9175502	1.352357	.4316455

#1	.0110480	-.001983	343.2402	.1797514	.1717992	.2419951	325.8330
#2	.0109138	-.001912	336.3643	.1805432	.1749792	.2445264	323.0993
#3	.0112972	-.002190	340.3621	.1802306	.1733099	.2485650	323.9434

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.577758	170.7656	.3688399	-.008778	1.925585	.2709626	.7861986
Stddev	.049776	1.1844	.0007249	.000450	.133053	.0040537	.0297615
%RSD	.8924035	.6935703	.1965298	5.125147	6.909741	1.496027	3.785499

#1	5.618592	171.7830	.3695100	-.008541	2.061807	.2755084	.7763566
#2	5.522311	169.4655	.3680705	-.009297	1.919002	.2677233	.7626046
#3	5.592372	171.0485	.3689394	-.008497	1.795946	.2696561	.8196345

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.18498	.5342568	.1852322	.0271634	.1232455	4.508374	.0279489
Stddev	.08798	.0023505	.0047313	.0009385	.0017810	.037128	.0025662
%RSD	.6201998	.4399625	2.554228	3.455014	1.445085	.8235300	9.181829

#1	14.09440	.5359367	.1799381	.0276867	.1248443	4.534427	.0294095
#2	14.27009	.5315707	.1890471	.0260799	.1213259	4.465861	.0249858
#3	14.19044	.5352632	.1867115	.0277235	.1235664	4.524832	.0294514

Sample Name: M5160-06 Acquired: 12/26/2021 15:32:47 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX576 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9833770	.2077905	-.003359
Stddev	.0047643	.0032639	.001718
%RSD	.4844792	1.570773	51.13316

#1	.9863489	.2108087	-.005322
#2	.9778819	.2043267	-.002133
#3	.9859003	.2082362	-.002623

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1021.601	47875.12	9137.315	1164.961	1412.513
Stddev	1.303	212.22	84.740	3.053	.798
%RSD	.1275216	.4432773	.9274101	.2620370	.0564701

#1	1020.480	47779.05	9056.179	1167.591	1413.386
#2	1023.030	47727.92	9225.250	1165.678	1412.331
#3	1021.292	48118.38	9130.515	1161.613	1411.822

Sample Name: M5160-07 Acquired: 12/26/2021 15:36:48 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX577 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1317443	-.006341	.1952059	.0347227	.0025279	98.31090	.7765572
Stddev	.0200296	.007567	.0023188	.0038982	.0029699	5.34566	.0386996
%RSD	15.20342	119.3427	1.187886	11.22667	117.4865	5.437506	4.983486

#1	.1489639	-.001606	.1928852	.0305456	.0023491	99.74401	.7899961
#2	.1365061	-.002348	.1975228	.0382638	-.000349	92.39475	.7329296
#3	.1097629	-.015068	.1952097	.0353587	.005583	102.7939	.8067458

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094049	-.000941	379.8688	.1555151	.1293070	.2198150	277.5926
Stddev	.0004923	.000373	19.5142	.0005282	.0006436	.0113324	11.9949
%RSD	5.234943	39.62227	5.137096	.3396260	.4977655	5.155416	4.321034

#1	.0097799	-.000904	386.1560	.1552930	.1285769	.2253979	281.6309
#2	.0088474	-.000589	357.9860	.1561180	.1297927	.2067744	264.0997
#3	.0095875	-.001332	395.4645	.1551342	.1295513	.2272728	287.0471

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.291792	185.0784	.3200023	-.008100	1.596662	.2457392	.7051166
Stddev	.276369	9.5492	.0011225	.000857	.201631	.0101525	.0251618
%RSD	5.222605	5.159521	.3507803	10.58151	12.62830	4.131401	3.568466

#1	5.375100	188.0263	.3206465	-.007623	1.786269	.2476362	.6815660
#2	4.983352	174.4028	.3206542	-.009089	1.618870	.2347720	.7021561
#3	5.516924	192.8059	.3187061	-.007588	1.384846	.2548093	.7316277

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.66685	.5615362	.1493268	.0238259	.1036751	4.146360	.0227942
Stddev	.55738	.0030651	.0106810	.0003272	.0017229	.185089	.0052773
%RSD	5.225328	.5458412	7.152760	1.373478	1.661833	4.463888	23.15191

#1	10.79208	.5597244	.1406030	.0238938	.1034502	4.259876	.0285284
#2	10.05750	.5650751	.1461386	.0234700	.1054995	3.932779	.0181413
#3	11.15095	.5598091	.1612389	.0241138	.1020757	4.246425	.0217128

Sample Name: M5160-07 Acquired: 12/26/2021 15:36:48 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX577 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.078547	.1677981	.0308363
Stddev	.059715	.0084769	.0021331
%RSD	5.536655	5.051867	6.917547

#1	1.091167	.1710953	.0323949
#2	1.013530	.1581680	.0284052
#3	1.130943	.1741311	.0317086

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1014.323	47722.33	9287.276	1161.959	1403.538
Stddev	1.126	85.84	357.746	3.325	1.392
%RSD	.1110256	.1798689	3.851999	.2861670	.0991674

#1	1015.559	47792.71	9082.567	1164.739	1404.093
#2	1014.054	47626.70	9700.360	1158.275	1404.567
#3	1013.355	47747.58	9078.901	1162.862	1401.954

Sample Name: M5160-08 Acquired: 12/26/2021 15:40:51 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX578 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1277880	.0044742	1.029613	.0305578	.0056001	83.87785	1.137488
Stddev	.0032436	.0037025	.008577	.0038502	.0006372	.16115	.003491
%RSD	2.538244	82.75090	.8329937	12.59983	11.37886	.1921268	.3069415

#1	.1273399	.0070355	1.037578	.0262504	.0050403	83.69827	1.134904
#2	.1312324	.0061581	1.030729	.0317580	.0062936	84.00987	1.141459
#3	.1247919	.0002291	1.020534	.0336650	.0054666	83.92541	1.136100

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093338	.0038491	635.5152	.1615336	.0973968	.3180894	225.5325
Stddev	.0001480	.0001734	2.8461	.0054611	.0002404	.0018761	1.5505
%RSD	1.586201	4.504431	.4478487	3.380776	.2468323	.5898060	.6874919

#1	.0095014	.0039136	632.5965	.1598383	.0971194	.3169937	225.8934
#2	.0092795	.0039810	638.2828	.1571211	.0975450	.3170187	226.8707
#3	.0092206	.0036528	635.6662	.1676412	.0975259	.3202557	223.8333

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.078354	88.49981	.2524400	-.006153	1.443081	.2346664	1.724253
Stddev	.021248	.55983	.0022806	.000763	.298977	.0010480	.061480
%RSD	.4184030	.6325827	.9034175	12.40283	20.71796	.4465747	3.565620

#1	5.054800	87.90523	.2508748	-.006035	1.498828	.2341809	1.700760
#2	5.096079	89.01680	.2550566	-.005456	1.710260	.2358690	1.677984
#3	5.084183	88.57739	.2513884	-.006969	1.120154	.2339492	1.794016

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.223737	.6647216	.1759205	.0200541	.9768034	4.986912	.1362718
Stddev	.074425	.0053214	.0026014	.0003744	.0028229	.033281	.0036747
%RSD	1.030280	.8005459	1.478722	1.866895	.2889942	.6673631	2.696626

#1	7.176304	.6607948	.1787515	.0196495	.9764390	5.000596	.1329036
#2	7.185392	.6625920	.1736355	.0203883	.9741803	4.948970	.1357210
#3	7.309515	.6707780	.1753745	.0201246	.9797908	5.011169	.1401909

Sample Name: M5160-08 Acquired: 12/26/2021 15:40:51 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX578 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.712549	.1075761	.7273626
Stddev	.002954	.0011135	.0011141
%RSD	.1724654	1.035113	.1531771

#1	1.712331	.1076854	.7260762
#2	1.715605	.1064120	.7279915
#3	1.709710	.1086310	.7280202

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	989.2713	45529.04	8960.067	1119.583	1403.059
Stddev	.9160	1168.58	25.412	27.465	3.471
%RSD	.0925903	2.566675	.2836132	2.453128	.2473603

#1	990.2631	46198.24	8989.404	1134.000	1406.691
#2	989.0935	46209.19	8944.886	1136.838	1402.709
#3	988.4572	44179.70	8945.911	1087.912	1399.776

Sample Name: M5160-09 Acquired: 12/26/2021 15:44:52 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX579 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1568059	-.003362	2.068026	.0552445	.0166993	88.42099	2.453122
Stddev	.0118888	.006476	.000531	.0069598	.0063800	.09820	.006222
%RSD	7.581880	192.6402	.0256878	12.59813	38.20491	.1110583	.2536434

#1	.1471066	.000794	2.067932	.0533135	.0221497	88.38517	2.458350
#2	.1700691	-.000056	2.068598	.0494541	.0096818	88.53207	2.454776
#3	.1532421	-.010823	2.067548	.0629658	.0182665	88.34573	2.446240

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0168737	.0098428	75.57395	.1678066	.1122815	.4248664	471.6439
Stddev	.0002803	.0001719	.16684	.0010333	.0001450	.0019041	4.8093
%RSD	1.661003	1.746833	.2207606	.6157466	.1291535	.4481704	1.019685

#1	.0165688	.0096443	75.73630	.1670343	.1121144	.4229645	476.3868
#2	.0169321	.0099454	75.58259	.1689804	.1123742	.4248619	466.7709
#3	.0171201	.0099386	75.40296	.1674052	.1123559	.4267728	471.7739

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.854246	22.44101	.2377129	-.008878	2.338965	.3445591	3.233824
Stddev	.011554	.19788	.0005255	.000606	.178066	.0036260	.087395
%RSD	.2380117	.8817735	.2210601	6.822362	7.613036	1.052354	2.702537

#1	4.865372	22.50257	.2377569	-.008212	2.432853	.3487193	3.144184
#2	4.855059	22.60080	.2371667	-.009395	2.133603	.3428881	3.318787
#3	4.842307	22.21967	.2382149	-.009026	2.450440	.3420700	3.238501

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.542054	.8033451	.3728871	.0477768	.8570146	5.297274	.2385005
Stddev	.102365	.0027698	.0207867	.0003659	.0008745	.043448	.0026785
%RSD	1.357255	.3447860	5.574522	.7658453	.1020430	.8201886	1.123041

#1	7.569477	.8043428	.3942078	.0473544	.8560733	5.248365	.2389407
#2	7.627915	.8002146	.3526791	.0479806	.8578020	5.331403	.2409316
#3	7.428771	.8054778	.3717745	.0479953	.8571684	5.312056	.2356292

Sample Name: M5160-09 Acquired: 12/26/2021 15:44:52 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX579 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.821027	.0769579	-.154744
Stddev	.003764	.0007713	.004689
%RSD	.2066864	1.002209	3.030403

#1	1.819922	.0778130	-.159599
#2	1.817940	.0763148	-.150240
#3	1.825220	.0767459	-.154395

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1066.331	49811.28	9249.976	1219.344	1563.606
Stddev	1.804	241.83	36.254	5.897	.916
%RSD	.1691598	.4854967	.3919369	.4835944	.0586028

#1	1067.405	49544.65	9290.445	1213.926	1563.844
#2	1064.248	49872.73	9239.018	1225.624	1562.595
#3	1067.339	50016.46	9220.465	1218.482	1564.381

Sample Name: M5160-10 Acquired: 12/26/2021 15:48:54 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX580 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1365851	-.011852	2.117454	.0470850	.0200399	59.37442	1.451988
Stddev	.0059915	.005672	.008392	.0095725	.0005631	2.93375	.068966
%RSD	4.386671	47.85266	.3963174	20.33018	2.809796	4.941103	4.749777

#1	.1410400	-.017615	2.124753	.0522963	.0201238	61.05008	1.498050
#2	.1297735	-.006277	2.108285	.0529211	.0194395	61.08630	1.485216
#3	.1389418	-.011665	2.119325	.0360376	.0205563	55.98688	1.372698

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0160960	.0107929	490.9678	.1290538	.0872859	.9426824	360.2702
Stddev	.0004105	.0003543	22.4507	.0050195	.0009233	.0472918	16.6755
%RSD	2.550416	3.283069	4.572747	3.889454	1.057770	5.016728	4.628602

#1	.0165113	.0104516	506.1468	.1291094	.0862474	.9717463	371.7796
#2	.0160860	.0107682	501.5782	.1240068	.0875964	.9681877	367.8842
#3	.0156905	.0111590	465.1785	.1340453	.0880139	.8881132	341.1468

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.143047	27.46929	.2108509	-.009555	2.668772	.4565921	2.735472
Stddev	.139118	1.11952	.0006058	.002801	.146145	.0176126	.130080
%RSD	4.426230	4.075527	.2873144	29.31432	5.476122	3.857404	4.755287

#1	3.236688	28.14736	.2103421	-.008515	2.835501	.4682582	2.814511
#2	3.209264	28.08341	.2115210	-.007423	2.607977	.4651858	2.585339
#3	2.983189	26.17711	.2106895	-.012727	2.562837	.4363323	2.806566

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.339422	.5181688	.5046497	.0794794	2.210318	5.090692	.1030876
Stddev	.446662	.0004442	.0285724	.0006550	.002769	.188894	.0043553
%RSD	6.085789	.0857235	5.661829	.8240691	.1252640	3.710585	4.224876

#1	7.701588	.5176583	.5228109	.0790360	2.213399	5.214197	.1069129
#2	7.476353	.5183805	.5194230	.0791706	2.208039	5.184635	.0983476
#3	6.840324	.5184675	.4717152	.0802317	2.209515	4.873245	.1040025

Sample Name: M5160-10 Acquired: 12/26/2021 15:48:54 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX580 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.518237	.0594065	1.996722
Stddev	.119659	.0028401	.101474
%RSD	4.751712	4.780750	5.082050

#1	2.588302	.0605856	2.056731
#2	2.586338	.0614670	2.053875
#3	2.380071	.0561667	1.879561

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	970.4983	45255.55	8963.055	1107.754	1441.199
Stddev	1.8046	1454.46	353.466	30.152	1.508
%RSD	.1859444	3.213879	3.943592	2.721869	.1046491

#1	971.2653	44671.69	8722.314	1094.924	1442.480
#2	968.4369	46911.22	8797.994	1142.198	1439.536
#3	971.7926	44183.74	9368.857	1086.139	1441.579

Sample Name: M5160-11 Acquired: 12/26/2021 15:52:55 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX581 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1597533	-.007501	2.388133	.0371252	.0092311	85.04631	1.469453
Stddev	.0333039	.010887	.003082	.0092691	.0036152	.26738	.009083
%RSD	20.84707	145.1291	.1290467	24.96714	39.16259	.3143879	.6181127

#1	.1976679	-.016834	2.391336	.0337272	.0102189	84.85097	1.464493
#2	.1352274	.004458	2.385188	.0300346	.0052248	85.35103	1.479936
#3	.1463647	-.010128	2.387875	.0476137	.0122498	84.93691	1.463930

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122948	.0059168	225.2261	.1546859	.1047817	.3618059	272.9848
Stddev	.0000326	.0001726	1.4675	.0004857	.0008292	.0018809	1.1883
%RSD	.2654175	2.916936	.6515816	.3140079	.7914010	.5198573	.4353019

#1	.0122707	.0061135	224.2426	.1552163	.1038270	.3639312	272.5131
#2	.0122818	.0057907	226.9129	.1545787	.1051951	.3603560	272.1049
#3	.0123319	.0058462	224.5228	.1542627	.1053230	.3611304	274.3366

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.435203	18.14187	.2215128	-.004187	1.782186	.3079811	2.181860
Stddev	.026380	.03065	.0011297	.000660	.215970	.0024174	.038593
%RSD	.5947819	.1689715	.5099973	15.75373	12.11829	.7849092	1.768825

#1	4.417495	18.13392	.2214992	-.004560	1.659537	.3052460	2.192037
#2	4.465521	18.17571	.2203899	-.004575	1.655464	.3098316	2.214344
#3	4.422592	18.11597	.2226492	-.003425	2.031556	.3088656	2.139198

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.269658	.8212017	.2293370	.0371255	1.190833	7.020818	.2191729
Stddev	.024478	.0007217	.0013941	.0002898	.003100	.033325	.0029132
%RSD	.3367201	.0878857	.6078929	.7805446	.2603326	.4746553	1.329199

#1	7.258106	.8203683	.2285204	.0374546	1.191341	6.988549	.2218205
#2	7.297775	.8216227	.2285439	.0370132	1.187510	7.018800	.2160519
#3	7.253094	.8216140	.2309468	.0369087	1.193647	7.055107	.2196461

Sample Name: M5160-11 Acquired: 12/26/2021 15:52:55 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX581 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.866030	.0835808	.3080688
Stddev	.008773	.0013598	.0003970
%RSD	.4701198	1.626969	.1288685

#1	1.858025	.0826062	.3085251
#2	1.875408	.0851343	.3078025
#3	1.864657	.0830020	.3078788

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1032.625	48153.81	9114.203	1180.067	1506.730
Stddev	2.806	305.29	18.369	4.544	2.855
%RSD	.2717285	.6339986	.2015445	.3850726	.1894763

#1	1029.472	48043.86	9128.242	1182.143	1505.669
#2	1034.849	47918.73	9093.413	1174.855	1509.963
#3	1033.554	48498.85	9120.953	1183.202	1504.557

Sample Name: M5160-12 Acquired: 12/26/2021 15:56:56 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX582 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2252723	-.006635	1.240650	.0299379	.0037835	84.23790	.9495961
Stddev	.0023978	.005914	.003226	.0119291	.0047612	.35487	.0071512
%RSD	1.064388	89.12867	.2600328	39.84625	125.8408	.4212736	.7530806

#1	.2225070	-.006545	1.241750	.0203346	.0005529	83.82858	.9413413
#2	.2267738	-.000767	1.243182	.0432916	.0015464	84.42603	.9539067
#3	.2265361	-.012594	1.237018	.0261876	.0092513	84.45911	.9535403

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106889	.0014189	234.4116	.1451265	.1191854	.3368967	255.8098
Stddev	.0001539	.0002138	1.2614	.0004507	.0006461	.0014392	1.0166
%RSD	1.439503	15.06725	.5381031	.3105416	.5420587	.4271987	.3974007

#1	.0105137	.0016032	232.9551	.1450500	.1199262	.3370707	254.7132
#2	.0107506	.0011845	235.1410	.1456105	.1188907	.3382410	256.7208
#3	.0108022	.0014691	235.1387	.1447189	.1187391	.3353784	255.9955

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.950169	79.43738	.2946934	-.005952	1.299993	.2284573	1.570462
Stddev	.036426	.20290	.0006963	.000108	.122927	.0013219	.019882
%RSD	.6121804	.2554187	.2362728	1.816963	9.455951	.5786193	1.265969

#1	5.908295	79.20360	.2939217	-.005982	1.158058	.2282792	1.587493
#2	5.967682	79.54083	.2948837	-.005832	1.369655	.2298592	1.548615
#3	5.974531	79.56769	.2952746	-.006042	1.372267	.2272334	1.575278

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.355532	.5445621	.1609227	.0239453	.6151155	7.146971	.0520440
Stddev	.081091	.0028204	.0012367	.0011041	.0002302	.073865	.0027940
%RSD	.9705032	.5179180	.7684820	4.611069	.0374248	1.033514	5.368578

#1	8.368943	.5475882	.1618260	.0242818	.6150538	7.105669	.0535382
#2	8.268572	.5420067	.1595133	.0227121	.6153703	7.102996	.0537732
#3	8.429081	.5440915	.1614289	.0248421	.6149225	7.232249	.0488206

Sample Name: M5160-12 Acquired: 12/26/2021 15:56:56 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX582 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.123703	.1274268	.0975049
Stddev	.005205	.0010080	.0018943
%RSD	.4631751	.7910599	1.942828

#1	1.119515	.1263621	.0992179
#2	1.129530	.1275517	.0954703
#3	1.122064	.1283665	.0978263

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1041.102	48596.62	9192.304	1185.346	1474.029
Stddev	.641	269.90	55.488	4.898	2.311
%RSD	.0616029	.5553920	.6036395	.4132288	.1567639

#1	1040.382	48627.50	9214.970	1189.036	1476.440
#2	1041.314	48312.61	9232.871	1179.789	1471.834
#3	1041.611	48849.76	9129.070	1187.213	1473.813

Sample Name: M5160-13 Acquired: 12/26/2021 16:00:59 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX583 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1044233	-.001994	.4549235	.0236028	-.002166	58.68358	.8017049
Stddev	.0132393	.000646	.0065056	.0076523	.003170	.32801	.0086270
%RSD	12.67852	32.36927	1.430045	32.42129	146.3456	.5589404	1.076078

#1	.0987461	-.002223	.4514421	.0252306	-.005803	59.03301	.8104462
#2	.0949693	-.001265	.4508994	.0303103	.000005	58.63542	.8014715
#3	.1195544	-.002494	.4624290	.0152676	-.000699	58.38232	.7931970

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077438	-.000485	58.13784	.0953491	.0831126	.1533200	171.5336
Stddev	.0001549	.000242	.56785	.0002744	.0001088	.0001754	.9719
%RSD	2.000543	49.78694	.9767294	.2877525	.1308807	.1143654	.5665990

#1	.0075686	-.000515	58.75313	.0951074	.0831457	.1531176	172.5076
#2	.0078629	-.000711	58.02645	.0956473	.0829911	.1534249	171.5293
#3	.0077997	-.000230	57.63394	.0952925	.0832010	.1534175	170.5638

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.365656	24.66417	.1665188	-.004141	.5567385	.1660730	.6298035
Stddev	.051171	.13110	.0011065	.000116	.1560465	.0040585	.0219244
%RSD	.8038677	.5315372	.6644648	2.811607	28.02868	2.443805	3.481154

#1	6.418035	24.78023	.1675289	-.004276	.4331499	.1699011	.6062179
#2	6.363148	24.69031	.1653362	-.004079	.7320884	.1665000	.6495631
#3	6.315785	24.52197	.1666914	-.004070	.5049770	.1618179	.6336294

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.283221	.5219460	.0865665	.0105761	.1342743	6.419126	.0215297
Stddev	.066203	.0036280	.0026228	.0002552	.0013642	.036009	.0022873
%RSD	1.545643	.6950987	3.029763	2.412754	1.016004	.5609639	10.62395

#1	4.325247	.5208757	.0892217	.0103043	.1334971	6.384652	.0223689
#2	4.317509	.5189734	.0839774	.0106138	.1334762	6.456495	.0232787
#3	4.206906	.5259888	.0865004	.0108104	.1358495	6.416229	.0189413

Sample Name: M5160-13 Acquired: 12/26/2021 16:00:59 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX583 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9198694	.0610752	-.058992
Stddev	.0005572	.0010175	.000946
%RSD	.0605717	1.665981	1.602964

#1	.9197349	.0604124	-.060055
#2	.9193918	.0622467	-.058678
#3	.9204816	.0605664	-.058244

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1080.125	50296.89	9287.781	1241.253	1558.736
Stddev	.489	104.74	44.959	6.726	3.346
%RSD	.0452352	.2082392	.4840619	.5418873	.2146590

#1	1079.598	50218.73	9305.040	1238.836	1559.667
#2	1080.562	50415.89	9236.750	1236.069	1561.519
#3	1080.216	50256.03	9321.553	1248.854	1555.024

Sample Name: M5160-14 Acquired: 12/26/2021 16:05:01 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX596 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0922249	-.004397	1.273542	.0259285	.0085517	114.2582	1.201567
Stddev	.0203849	.009689	.004712	.0096413	.0016010	.3386	.006990
%RSD	22.10352	220.3395	.3699709	37.18419	18.72147	.2963589	.5817714

#1	.0730220	-.007604	1.272549	.0349193	.0069988	114.3024	1.193540
#2	.1136154	.006488	1.278671	.0157473	.0084595	114.5725	1.206317
#3	.0900373	-.012076	1.269406	.0271189	.0101968	113.8996	1.204843

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110866	.0025838	286.2520	.1774887	.1162036	.3052784	254.2090
Stddev	.0001746	.0002658	1.7962	.0011001	.0007349	.0027417	2.0043
%RSD	1.575229	10.28790	.6274863	.6198338	.6324067	.8981023	.7884623

#1	.0110424	.0024557	284.2534	.1776353	.1160979	.3066621	256.0948
#2	.0109384	.0024063	287.7315	.1763226	.1155273	.3070526	252.1041
#3	.0112792	.0028894	286.7711	.1785082	.1169856	.3021206	254.4280

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.447859	48.70805	.2841503	-.005798	1.523673	.2843988	1.361469
Stddev	.028439	.17169	.0017149	.000409	.428434	.0017288	.015916
%RSD	.5220207	.3524814	.6035328	7.046328	28.11852	.6078904	1.169046

#1	5.417222	48.50980	.2831778	-.005786	1.969397	.2859701	1.347476
#2	5.473414	48.80780	.2831427	-.006213	1.114925	.2846795	1.378784
#3	5.452941	48.80654	.2861305	-.005396	1.486696	.2825468	1.358147

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.10499	.7810681	.1433667	.0151046	.3305414	10.32884	.0444105
Stddev	.06273	.0024923	.0058771	.0000417	.0006978	.02942	.0032214
%RSD	.5648956	.3190825	4.099324	.2763737	.2111223	.2847909	7.253591

#1	11.15861	.7781903	.1497665	.0150665	.3298406	10.33185	.0407314
#2	11.12037	.7824885	.1382118	.0151492	.3305472	10.35664	.0467245
#3	11.03600	.7825253	.1421218	.0150980	.3312363	10.29804	.0457758

Sample Name: M5160-14 Acquired: 12/26/2021 16:05:01 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX596 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.343593	.1293586	.2518549
Stddev	.003560	.0020762	.0016215
%RSD	.2649497	1.604974	.6438124

#1	1.346588	.1269717	.2531396
#2	1.344532	.1307454	.2523920
#3	1.339657	.1303588	.2500330

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1058.960	49716.87	9464.202	1211.010	1437.889
Stddev	1.409	354.55	21.740	1.746	3.513
%RSD	.1330320	.7131418	.2297102	.1441765	.2443056

#1	1057.794	50104.09	9486.678	1212.363	1436.582
#2	1060.526	49638.38	9462.645	1211.629	1441.868
#3	1058.561	49408.14	9443.282	1209.039	1435.218

Sample Name: M5160-15 Acquired: 12/26/2021 16:09:01 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX596D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0990690	-.007945	1.282726	.0351687	.0064496	113.8255	1.204694
Stddev	.0217230	.010676	.003043	.0111936	.0018285	1.9825	.017248
%RSD	21.92715	134.3743	.2372225	31.82825	28.35052	1.741726	1.431732

#1	.1224950	-.018971	1.282974	.0245141	.0055983	115.5470	1.218976
#2	.0795902	.002343	1.279566	.0468328	.0052020	114.2716	1.209575
#3	.0951219	-.007207	1.285637	.0341591	.0085485	111.6580	1.185532

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108118	.0025927	286.2740	.1768131	.1159694	.3027284	252.8688
Stddev	.0003087	.0001486	4.3717	.0005644	.0012165	.0037247	4.0409
%RSD	2.855504	5.730104	1.527096	.3192193	1.048999	1.230369	1.598018

#1	.0109888	.0025671	289.8321	.1771007	.1148325	.3059729	256.3956
#2	.0109912	.0027524	287.5960	.1771757	.1158235	.3035512	253.7512
#3	.0104553	.0024586	281.3939	.1761628	.1172523	.2986612	248.4596

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.428787	48.73053	.2827325	-.005627	.9746955	.2858048	1.343757
Stddev	.085993	.75472	.0006927	.000396	.2087074	.0061213	.015445
%RSD	1.584025	1.548767	.2450088	7.046053	21.41257	2.141761	1.149395

#1	5.502744	49.26724	.2834737	-.005772	1.004762	.2923280	1.331204
#2	5.449190	49.05678	.2821014	-.005179	1.166739	.2849004	1.339061
#3	5.334427	47.86756	.2826224	-.005931	.752586	.2801861	1.361005

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.98461	.7849028	.1421124	.0149714	.3109157	10.08257	.0478402
Stddev	.29352	.0065526	.0059143	.0006737	.0005619	.21184	.0061295
%RSD	2.672103	.8348274	4.161718	4.499994	.1807069	2.101100	12.81250

#1	11.23489	.7858154	.1449471	.0149161	.3104829	10.21921	.0547401
#2	11.05739	.7909513	.1353143	.0156711	.3115506	10.18996	.0430249
#3	10.66154	.7779418	.1460758	.0143271	.3107135	9.83853	.0457555

Sample Name: M5160-15 Acquired: 12/26/2021 16:09:01 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX596D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.338523	.1302254	.2495649
Stddev	.020478	.0030953	.0062833
%RSD	1.529895	2.376856	2.517703

#1	1.355950	.1321914	.2544409
#2	1.343650	.1318274	.2517797
#3	1.315968	.1266575	.2424742

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1059.404	49862.89	9496.986	1215.504	1434.785
Stddev	3.684	168.91	179.772	2.288	3.483
%RSD	.3477462	.3387391	1.892937	.1882288	.2427861

#1	1058.842	49932.55	9384.686	1215.952	1435.764
#2	1056.032	49985.82	9401.943	1217.535	1430.916
#3	1063.336	49670.30	9704.330	1213.026	1437.674

Sample Name: CCV013 Acquired: 12/26/2021 16:13:02 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV013 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.882935	4.781112	24.47966	4.752094	4.902734	404.1598	10.00359
Stddev	.030446	.020027	.07657	.022407	.034422	1.0199	.06421
%RSD	.6235162	.4188734	.3128061	.4715086	.7021017	.2523553	.6418959

#1	4.914453	4.771379	24.43989	4.730484	4.884564	404.2164	10.00670
#2	4.853689	4.767812	24.43116	4.750579	4.881203	403.1128	9.93788
#3	4.880664	4.804146	24.56794	4.775220	4.942434	405.1503	10.06619

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5061794	2.450904	402.8470	15.04898	2.460698	14.81619	391.7704
Stddev	.0037430	.003214	2.3200	.04429	.003361	.00880	1.7653
%RSD	.7394687	.1311497	.5758980	.2943053	.1366017	.0594020	.4505997

#1	.5079315	2.447458	403.1086	15.05849	2.456870	14.81576	391.5483
#2	.5018817	2.451431	400.4072	15.08775	2.462055	14.80761	390.1266
#3	.5087251	2.453822	405.0250	15.00071	2.463169	14.82520	393.6362

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.93907	402.5549	2.459280	1.236369	400.2446	2.494656	16.19122
Stddev	.08285	1.6840	.005416	.004156	2.9489	.012074	.12301
%RSD	.5545834	.4183371	.2202170	.3361396	.7367829	.4839988	.7597228

#1	14.94757	402.4513	2.455120	1.236696	400.6412	2.498447	16.05522
#2	14.85230	400.9251	2.457316	1.240352	397.1174	2.481142	16.29471
#3	15.01735	404.2884	2.465403	1.232060	402.9752	2.504381	16.22371

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.1197	5.452240	4.983695	4.821238	5.082613	4.898449	4.974553
Stddev	.4515	.019134	.036823	.011468	.020968	.022451	.004697
%RSD	.3007602	.3509471	.7388614	.2378624	.4125478	.4583308	.0944153

#1	149.8853	5.430201	5.004451	4.814068	5.062410	4.905534	4.979382
#2	149.8336	5.464622	4.941179	4.815182	5.081158	4.873310	4.974274
#3	150.6402	5.461896	5.005453	4.834465	5.104270	4.916502	4.970001

Sample Name: CCV013 Acquired: 12/26/2021 16:13:02 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV013 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.941928	5.030870	4.738727
Stddev	.027840	.038742	.053419
%RSD	.5633511	.7700832	1.127277

#1	4.961012	5.025718	4.740058
#2	4.909982	4.994962	4.684656
#3	4.954790	5.071931	4.791468

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	806.1860	38880.78	7635.160	925.6883	1257.055
Stddev	2.0630	139.87	31.485	3.0654	2.678
%RSD	.2558927	.3597523	.4123647	.3311446	.2130173

#1	806.1752	38826.64	7636.221	926.4252	1257.825
#2	808.2544	38776.06	7666.101	922.3216	1259.264
#3	804.1285	39039.63	7603.159	928.3180	1254.077

Sample Name: CCB013 Acquired: 12/26/2021 16:23:03 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB013 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005227	-.000280	.0015751	-.002435	-.006419	.0136049	.0004195
Stddev	.0082953	.006841	.0035047	.010195	.003053	.0054190	.0000429
%RSD	1587.050	2439.776	222.5095	418.7238	47.56340	39.83115	10.23390

#1	-.002633	-.008069	.0055777	-.004653	-.006256	.0139102	.0004023
#2	.009933	.002470	-.000943	-.011339	-.009551	.0080397	.0004684
#3	-.005732	.004758	.000090	.008687	-.003451	.0188647	.0003879

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000026	-.000022	.0064332	-.000663	.0004536	-.001275	.0061538
Stddev	.000060	.000066	.0018544	.000592	.0005360	.001028	.0093115
%RSD	235.8305	304.3537	28.82469	89.20415	118.1735	80.64435	151.3137

#1	-.000085	-.000026	.0058217	-.001272	.0010720	-.002462	.0167498
#2	.000036	.000046	.0049618	-.000091	.0001232	-.000649	-.000724
#3	-.000028	-.000085	.0085161	-.000627	.0001655	-.000715	.002436

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005916	.0515014	-.000537	.0008128	-.132296	-.004378	-.011825
Stddev	.0006284	.0136917	.000475	.0000446	.076008	.002630	.030259
%RSD	106.2323	26.58506	88.50760	5.488009	57.45254	60.06567	255.8960

#1	.0003812	.0378810	-.000157	.0008290	-.191889	-.003312	-.012509
#2	.0000953	.0513598	-.001069	.0008470	-.046700	-.002449	.018771
#3	.0012982	.0652632	-.000385	.0007623	-.158300	-.007373	-.041736

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007988	-.000420	.0021364	-.000304	-.000126	-.006469	.0024635
Stddev	.041212	.000405	.0008162	.000283	.000559	.002295	.0043399
%RSD	515.9569	96.46140	38.20562	93.08648	444.5386	35.47018	176.1667

#1	.023151	-.000886	.0029879	-.000626	-.000611	-.008272	.0010371
#2	-.054722	-.000203	.0013606	-.000094	-.000251	-.007250	-.000984
#3	.007608	-.000169	.0020608	-.000192	.000485	-.003886	.007337

Sample Name: CCB013 Acquired: 12/26/2021 16:23:03 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB013 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000379	.0011891	.0000483
Stddev	.000438	.0003291	.0000334
%RSD	115.6138	27.67327	69.05665

#1	.000029	.0008128	.0000653
#2	-.000324	.0013320	.0000697
#3	-.000841	.0014226	.0000099

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	955.2270	45082.85	8075.750	1105.507	1613.469
Stddev	1.7704	117.48	6.617	5.283	2.583
%RSD	.1853366	.2605781	.0819340	.4779201	.1600683

#1	956.7197	45194.22	8076.025	1099.406	1611.232
#2	955.6902	45094.23	8082.225	1108.555	1616.295
#3	953.2710	44960.09	8069.000	1108.559	1612.878

Sample Name: M5160-14LX5 Acquired: 12/26/2021 16:29:56 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX596L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0217956	.0012447	.2579513	.0040654	-.002214	25.54158	.2720556
Stddev	.0033612	.0088230	.0029945	.0027667	.008082	.06122	.0009203
%RSD	15.42125	708.8399	1.160896	68.05603	365.1127	.2396831	.3382717

#1	.0183290	.0069809	.2597959	.0041369	-.005415	25.56400	.2710937
#2	.0220177	.0056682	.2595618	.0067957	-.008205	25.47231	.2721454
#3	.0250403	-.008915	.2544961	.0012636	.006979	25.58843	.2729277

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025673	.0000337	65.19347	.0404422	.0218536	.0675296	59.23119
Stddev	.0000732	.0001756	.23579	.0013724	.0002841	.0046713	.54779
%RSD	2.850441	521.5766	.3616756	3.393476	1.299834	6.917372	.9248405

#1	.0026485	.0000011	65.04024	.0418642	.0215394	.0629538	58.98534
#2	.0025065	-.000123	65.07518	.0403370	.0219293	.0722909	59.85883
#3	.0025469	.000223	65.46499	.0391254	.0220922	.0673440	58.84938

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.269908	11.16030	.0552831	-.000887	.3638505	.0623763	.3304716
Stddev	.007188	.04967	.0008538	.000782	.0726656	.0019795	.0252989
%RSD	.5660295	.4450825	1.544351	88.15480	19.97129	3.173434	7.655407

#1	1.262147	11.12099	.0544784	-.001479	.3158396	.0645256	.3320697
#2	1.271241	11.14377	.0551921	-.000001	.4474505	.0619754	.3044114
#3	1.276337	11.21613	.0561786	-.001181	.3282613	.0606280	.3549335

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.357276	.1524796	.0334307	.0020772	.0638573	2.497875	.0096168
Stddev	.042086	.0017065	.0008714	.0006162	.0004647	.021839	.0043472
%RSD	1.785364	1.119130	2.606698	29.66426	.7276571	.8743191	45.20364

#1	2.331202	.1520989	.0338506	.0018265	.0640106	2.473003	.0142021
#2	2.334796	.1509956	.0340126	.0027792	.0633353	2.513920	.0055552
#3	2.405828	.1543442	.0324288	.0016259	.0642258	2.506701	.0090933

Sample Name: M5160-14LX5 Acquired: 12/26/2021 16:29:56 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX596L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3096487	.0288803	.0561183
Stddev	.0017988	.0015909	.0000537
%RSD	.5809101	5.508681	.0956211

#1	.3112288	.0271264	.0561647
#2	.3076912	.0302304	.0560595
#3	.3100262	.0292843	.0561308

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	983.5059	46000.79	8391.224	1131.955	1572.934
Stddev	1.4323	376.92	35.933	4.132	2.334
%RSD	.1456308	.8193666	.4282188	.3650754	.1484004

#1	983.9792	45719.80	8432.324	1127.943	1573.700
#2	984.6416	46429.12	8365.749	1136.198	1574.789
#3	981.8969	45853.46	8375.598	1131.722	1570.313

Sample Name: M5160-16 Acquired: 12/26/2021 16:33:58 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX596S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2146875	.0774916	1.334654	.2013879	.1584785	101.1007	4.818799
Stddev	.0125510	.0070189	.003778	.0088842	.0047914	.5311	.003752
%RSD	5.846177	9.057608	.2830856	4.411466	3.023397	.5253128	.0778708

#1	.2012874	.0725534	1.331752	.1938559	.1629181	100.4881	4.821635
#2	.2166068	.0855262	1.338926	.1991222	.1591180	101.4308	4.820219
#3	.2261683	.0743951	1.333283	.2111855	.1533995	101.3833	4.814544

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1043250	.1117431	129.1045	.5445647	1.132991	.7374237	260.9783
Stddev	.0004775	.0004151	.1546	.0020829	.001361	.0011974	3.3234
%RSD	.4577029	.3714624	.1197408	.3824932	.1200854	.1623765	1.273431

#1	.1048090	.1113207	128.9318	.5466774	1.131557	.7388025	264.8138
#2	.1043115	.1117581	129.2300	.5445039	1.134263	.7368238	259.1689
#3	.1038543	.1121505	129.1516	.5425129	1.133152	.7366449	258.9523

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.523329	45.95327	1.306603	.0721283	1.019753	1.203033	2.346922
Stddev	.016655	.07283	.005994	.0003322	.024102	.010710	.075236
%RSD	.2213829	.1584805	.4587098	.4605867	2.363484	.8902600	3.205735

#1	7.506493	45.87644	1.301627	.0724867	1.014285	1.190808	2.267932
#2	7.539797	46.02130	1.304926	.0720675	.998855	1.210765	2.417736
#3	7.523696	45.96207	1.313256	.0718306	1.046119	1.207525	2.355099

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.711723	.7353474	.1294260	.0171089	.2749757	7.358400	.0563121
Stddev	.051734	.0031151	.0027992	.0004763	.0030490	.047775	.0023646
%RSD	.5938406	.4236251	2.162763	2.783876	1.108827	.6492559	4.199175

#1	8.662340	.7356208	.1309177	.0173350	.2716909	7.413478	.0536020
#2	8.765524	.7321045	.1311635	.0165616	.2755206	7.333541	.0573786
#3	8.707304	.7383167	.1261969	.0174299	.2777154	7.328180	.0579555

Sample Name: M5160-16 Acquired: 12/26/2021 16:33:58 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX596S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.189223	.1122446	-.007036
Stddev	.002788	.0020169	.002606
%RSD	.2344635	1.796916	37.04071

#1	1.186683	.1115997	-.009994
#2	1.192206	.1145051	-.006039
#3	1.188780	.1106290	-.005075

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1085.154	50741.14	9461.683	1245.025	1503.652
Stddev	2.772	275.04	11.933	13.402	3.059
%RSD	.2554244	.5420385	.1261239	1.076465	.2034486

#1	1087.900	51043.08	9471.775	1259.615	1506.361
#2	1085.204	50675.42	9464.763	1242.198	1504.260
#3	1082.357	50504.91	9448.512	1233.262	1500.334

Sample Name: M5160-17 Acquired: 12/26/2021 16:37:54 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX597 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1103293	-.007144	1.427871	.0384029	.0037845	94.97570	1.122658
Stddev	.0084091	.002297	.007516	.0057396	.0006461	.24022	.007165
%RSD	7.621821	32.14592	.5263776	14.94562	17.07296	.2529257	.6382613

#1	.1009547	-.004585	1.419873	.0443335	.0045142	95.13969	1.124377
#2	.1172076	-.007821	1.434788	.0328757	.0032850	94.69997	1.114789
#3	.1128255	-.009026	1.428952	.0379994	.0035542	95.08744	1.128807

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098457	.0029039	66.72219	.1566199	.1146920	.3969619	208.4539
Stddev	.0002143	.0001843	.47790	.0009964	.0006932	.0061638	1.6592
%RSD	2.176434	6.347707	.7162593	.6361698	.6044034	1.552746	.7959792

#1	.0096367	.0027596	66.86849	.1555810	.1141876	.4021889	209.3546
#2	.0098353	.0031116	66.18824	.1567115	.1144060	.3901649	206.5391
#3	.0100649	.0028406	67.10985	.1575674	.1154825	.3985317	209.4680

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.101657	22.72728	.2096799	-.003973	1.752671	.2689343	1.175027
Stddev	.043329	.11245	.0018378	.000582	.167795	.0023591	.021492
%RSD	.6101235	.4947691	.8764715	14.64386	9.573652	.8771841	1.829051

#1	7.118433	22.75096	.2090977	-.004198	1.581011	.2662260	1.152438
#2	7.052448	22.60488	.2082037	-.004409	1.916312	.2700361	1.177420
#3	7.134089	22.82601	.2117383	-.003312	1.760689	.2705409	1.195222

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.082624	.5590784	.1047816	.0148940	.3799848	8.424370	.0340438
Stddev	.104645	.0036393	.0067949	.0005441	.0039332	.065040	.0058130
%RSD	2.058879	.6509478	6.484780	3.653215	1.035085	.7720415	17.07504

#1	5.094674	.5550408	.1125605	.0142665	.3761397	8.356471	.0275655
#2	4.972475	.5600882	.1000050	.0152348	.3798142	8.430527	.0388045
#3	5.180722	.5621061	.1017794	.0151806	.3840005	8.486112	.0357613

Sample Name: M5160-17 Acquired: 12/26/2021 16:37:54 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX597 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.075849	.0814534	-.034881
Stddev	.004475	.0018641	.001380
%RSD	.4159550	2.288528	3.955062

#1	1.080393	.0829719	-.035837
#2	1.071446	.0793730	-.033300
#3	1.075708	.0820154	-.035507

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1094.336	51114.68	9402.414	1262.325	1574.598
Stddev	1.580	56.83	78.887	10.981	1.475
%RSD	.1444134	.1111806	.8390099	.8699144	.0936802

#1	1096.098	51049.10	9466.249	1263.883	1576.147
#2	1093.043	51145.40	9426.771	1272.444	1574.437
#3	1093.869	51149.54	9314.220	1250.648	1573.210

Sample Name: M5160-18 Acquired: 12/26/2021 16:41:56 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX598 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1217314	-.000936	.5400889	.0303918	.0021185	108.0269	1.094437
Stddev	.0164487	.005904	.0025062	.0024101	.0046318	.1126	.006559
%RSD	13.51228	630.9288	.4640260	7.929949	218.6333	.1042197	.5993303

#1	.1244014	.005874	.5429753	.0311734	-.003010	108.1268	1.091917
#2	.1041111	-.004059	.5384656	.0323141	.005997	108.0491	1.101883
#3	.1366818	-.004621	.5388258	.0276880	.003368	107.9049	1.089511

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101086	.0007337	31.60630	.1626484	.1282544	.2646258	228.3217
Stddev	.0001778	.0004532	.20589	.0016242	.0002358	.0041097	2.6754
%RSD	1.758690	61.76439	.6514154	.9986148	.1838939	1.553031	1.171753

#1	.0103123	.0003616	31.59481	.1617259	.1280590	.2653633	228.6027
#2	.0100287	.0006011	31.81770	.1645238	.1281879	.2683168	230.8456
#3	.0099848	.0012384	31.40640	.1616954	.1285164	.2601972	225.5170

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.660642	16.68281	.2315612	-.004772	2.963826	.2792160	.7534877
Stddev	.032119	.06106	.0013349	.000341	.188529	.0026456	.0197732
%RSD	.4192672	.3659887	.5764915	7.154894	6.361010	.9474908	2.624216

#1	7.658386	16.72099	.2310310	-.004583	3.101265	.2769499	.7690508
#2	7.693829	16.71506	.2330798	-.004567	2.748901	.2821232	.7312383
#3	7.629711	16.61239	.2305729	-.005166	3.041312	.2785749	.7601741

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.186207	.4308125	.0946620	.0201182	.1880676	8.914968	.0257168
Stddev	.018422	.0028099	.0097118	.0008947	.0024186	.022028	.0021594
%RSD	.3552112	.6522254	10.25948	4.447142	1.286001	.2470892	8.396674

#1	5.181335	.4315856	.0973096	.0203285	.1853372	8.929214	.0259053
#2	5.206576	.4276970	.1027755	.0191371	.1889250	8.889597	.0277758
#3	5.170711	.4331549	.0839009	.0208890	.1899407	8.926094	.0234694

Sample Name: M5160-18 Acquired: 12/26/2021 16:41:56 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX598 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.058731	.0835723	-.110577
Stddev	.002610	.0004169	.002396
%RSD	.2464928	.4988551	2.166492

#1	1.060848	.0831564	-.110701
#2	1.059531	.0839902	-.112908
#3	1.055816	.0835704	-.108122

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1097.815	51420.72	9426.800	1268.442	1553.588
Stddev	.800	227.99	63.908	10.648	2.382
%RSD	.0729016	.4433905	.6779440	.8394465	.1533208

#1	1097.610	51545.93	9361.878	1260.265	1554.523
#2	1098.697	51157.55	9428.878	1264.580	1555.361
#3	1097.136	51558.67	9489.644	1280.482	1550.881

Sample Name: M5160-19 Acquired: 12/26/2021 16:45:58 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX599 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0835902	-.002557	.5252192	.0289890	.0012848	84.60765	1.120630
Stddev	.0093269	.011384	.0020579	.0041073	.0067176	.39124	.006189
%RSD	11.15786	445.2422	.3918159	14.16835	522.8522	.4624147	.5522356

#1	.0812126	.007907	.5229552	.0276489	.0007564	84.21328	1.114681
#2	.0938758	-.000899	.5269762	.0335990	.0082510	84.99568	1.127033
#3	.0756822	-.014678	.5257263	.0257192	-.005153	84.61398	1.120177

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096598	.0004786	20.35337	.1262323	.1381310	.2083541	176.0645
Stddev	.0000550	.0002370	.13336	.0007738	.0003643	.0024682	1.0193
%RSD	.5689916	49.52424	.6552142	.6129640	.2637686	1.184601	.5789112

#1	.0096018	.0003006	20.26951	.1253520	.1382007	.2078709	174.9066
#2	.0097111	.0003876	20.50715	.1265403	.1384554	.2061632	176.4605
#3	.0096666	.0007477	20.28346	.1268046	.1377368	.2110281	176.8263

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.18757	12.14690	.2003750	-.004332	1.367866	.2533636	.6330956
Stddev	.05960	.07570	.0011917	.000409	.074758	.0043649	.0071802
%RSD	.5327351	.6231684	.5947496	9.441607	5.465338	1.722766	1.134142

#1	11.14133	12.08295	.1992187	-.004263	1.347695	.2534044	.6338518
#2	11.25483	12.23048	.2003069	-.003962	1.305263	.2577080	.6398677
#3	11.16656	12.12727	.2015992	-.004771	1.450640	.2489785	.6255671

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.502475	.4568614	.0897098	.0130746	.2027762	7.269758	.1873977
Stddev	.031753	.0020609	.0050955	.0007267	.0004773	.071682	.0008473
%RSD	.7052283	.4511054	5.680012	5.557766	.2353734	.9860325	.4521689

#1	4.495033	.4553994	.0881872	.0124902	.2031043	7.209788	.1883218
#2	4.537287	.4592185	.0855491	.0128452	.2022286	7.349149	.1872141
#3	4.475104	.4559661	.0953930	.0138882	.2029956	7.250336	.1866572

Sample Name: M5160-19 Acquired: 12/26/2021 16:45:58 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX599 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.107849	.0648358	-.090362
Stddev	.004287	.0007719	.000901
%RSD	.3869526	1.190522	.9972873

#1	1.103486	.0654511	-.089444
#2	1.112056	.0650866	-.090396
#3	1.108004	.0639697	-.091246

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1140.690	52890.85	9734.787	1305.681	1580.272
Stddev	1.955	86.76	81.075	5.063	2.746
%RSD	.1714179	.1640443	.8328403	.3877497	.1737599

#1	1142.937	52867.36	9804.826	1306.319	1583.045
#2	1139.374	52986.94	9645.971	1310.395	1580.217
#3	1139.759	52818.25	9753.563	1300.330	1577.554

Sample Name: M5160-20 Acquired: 12/26/2021 16:50:01 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX5A0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1241851	-.003118	1.096075	.0321242	.0067404	96.65642	1.028757
Stddev	.0125153	.005847	.004973	.0073266	.0043854	.35448	.002883
%RSD	10.07795	187.5197	.4537101	22.80705	65.06147	.3667422	.2802316

#1	.1371368	-.009731	1.100826	.0257849	.0050052	97.06536	1.031049
#2	.1232610	-.000988	1.096492	.0304422	.0117279	96.46715	1.025520
#3	.1121574	.001366	1.090907	.0401456	.0034881	96.43675	1.029701

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108244	.0026245	29.19065	.1563236	.1100461	.3686145	265.8874
Stddev	.0001036	.0002523	.17642	.0005945	.0008837	.0012620	2.0549
%RSD	.9566682	9.613719	.6043679	.3803238	.8030120	.3423552	.7728384

#1	.0109426	.0029118	29.36517	.1567125	.1097228	.3671789	264.0631
#2	.0107496	.0024388	29.01239	.1566192	.1110459	.3691157	265.4856
#3	.0107811	.0025229	29.19440	.1556392	.1093696	.3695489	268.1135

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.918970	17.28636	.2450323	-.005702	1.441872	.2956415	1.902379
Stddev	.025225	.06542	.0006371	.000357	.128854	.0013673	.019713
%RSD	.4261732	.3784430	.2599943	6.265697	8.936552	.4624745	1.036236

#1	5.943836	17.35937	.2449048	-.005807	1.449575	.2961049	1.883417
#2	5.893400	17.26664	.2457235	-.005995	1.309340	.2967168	1.900955
#3	5.919675	17.23307	.2444686	-.005304	1.566702	.2941028	1.922766

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.232375	1.303487	.1214516	.0233784	.4171904	7.993098	.0429697
Stddev	.083515	.001565	.0071145	.0008321	.0005570	.052993	.0027812
%RSD	1.014473	.1200763	5.857900	3.559075	.1335164	.6629896	6.472381

#1	8.328328	1.302465	.1138304	.0242275	.4168752	8.017604	.0398010
#2	8.192740	1.305289	.1226060	.0225645	.4168624	7.932287	.0450064
#3	8.176058	1.302706	.1279182	.0233434	.4178335	8.029402	.0441016

Sample Name: M5160-20 Acquired: 12/26/2021 16:50:01 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX5A0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.277049	.0909916	-.149694
Stddev	.004432	.0025280	.002018
%RSD	.3470779	2.778239	1.347977

#1	1.281529	.0936497	-.147764
#2	1.272666	.0886178	-.149527
#3	1.276951	.0907074	-.151790

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1078.642	50275.53	9206.502	1237.241	1580.650
Stddev	.705	256.65	68.303	11.128	.352
%RSD	.0653654	.5104822	.7418980	.8993908	.0222685

#1	1078.387	50008.60	9152.440	1233.076	1580.671
#2	1079.439	50297.51	9283.265	1249.851	1580.288
#3	1078.100	50520.48	9183.802	1228.797	1580.991

Sample Name: M5160-21 Acquired: 12/26/2021 16:54:01 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX5A1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1247436	-.004947	2.431706	.0331502	.0046249	90.19577	1.126988
Stddev	.0112874	.006660	.003282	.0006599	.0046565	.54508	.007901
%RSD	9.048520	134.6233	.1349751	1.990527	100.6835	.6043290	.7011117

#1	.1227639	-.000543	2.435232	.0325634	.0024106	89.81990	1.119694
#2	.1368900	-.012609	2.428740	.0338645	.0099754	89.94650	1.125887
#3	.1145770	-.001690	2.431146	.0330228	.0014887	90.82092	1.135381

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122272	.0082158	32.22671	.1574946	.1215612	.3233067	263.0511
Stddev	.0000880	.0003490	.28267	.0005803	.0005879	.0019248	.2413
%RSD	.7193806	4.247446	.8771230	.3684305	.4836409	.5953396	.0917429

#1	.0123236	.0085336	32.00418	.1581646	.1208910	.3230581	262.7935
#2	.0121514	.0078424	32.13120	.1571518	.1218022	.3215183	263.0879
#3	.0122066	.0082715	32.54477	.1571675	.1219902	.3253437	263.2719

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.323439	15.52510	.2331879	-.005460	1.451232	.3583945	1.804241
Stddev	.063583	.09968	.0007621	.000294	.157177	.0028656	.071242
%RSD	1.005510	.6420632	.3268228	5.392089	10.83058	.7995684	3.948590

#1	6.271279	15.43546	.2332729	-.005333	1.632697	.3554370	1.785923
#2	6.304772	15.50738	.2323868	-.005251	1.357809	.3585881	1.743947
#3	6.394265	15.63245	.2339039	-.005797	1.363189	.3611584	1.882854

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.318171	1.345460	.1465641	.0255581	.7489235	7.690595	.0662136
Stddev	.058357	.002567	.0078202	.0004175	.0063517	.078637	.0016078
%RSD	.9236336	.1908065	5.335696	1.633398	.8481132	1.022513	2.428172

#1	6.270832	1.346417	.1526803	.0253594	.7542059	7.634182	.0645040
#2	6.300311	1.347411	.1377528	.0260378	.7506888	7.780421	.0664417
#3	6.383371	1.342552	.1492593	.0252771	.7418759	7.657181	.0676952

Sample Name: M5160-21 Acquired: 12/26/2021 16:54:01 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX5A1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.521127	.0828609	-.137127
Stddev	.010217	.0009747	.000224
%RSD	.6716880	1.176293	.1631465

#1	1.517093	.0823382	-.137020
#2	1.513541	.0822591	-.136978
#3	1.532745	.0839854	-.137385

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1099.973	51369.60	9417.133	1266.008	1585.992
Stddev	.860	189.44	50.770	10.403	.991
%RSD	.0781698	.3687880	.5391238	.8216815	.0624596

#1	1100.924	51151.05	9468.400	1255.633	1587.125
#2	1099.251	51470.84	9366.875	1276.438	1585.564
#3	1099.743	51486.92	9416.125	1265.953	1585.288

Sample Name: M5160-22 Acquired: 12/26/2021 16:58:02 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX5A2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0874720	-.005007	.9421930	.0247320	-.000348	74.02894	1.062831
Stddev	.0180006	.008483	.0048501	.0029941	.001099	.13697	.005353
%RSD	20.57866	169.4129	.5147635	12.10618	315.9025	.1850266	.5036379

#1	.1002368	-.004472	.9383555	.0230101	-.000847	73.87773	1.058002
#2	.0668834	.003195	.9405793	.0281893	.000912	74.14470	1.068587
#3	.0952959	-.013745	.9476442	.0229966	-.001109	74.06440	1.061905

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099043	.0011449	14.69916	.1235532	.1348128	.1737693	190.2052
Stddev	.0003018	.0001449	.07233	.0008378	.0002806	.0017187	.7574
%RSD	3.047242	12.65414	.4920489	.6781007	.2081387	.9890409	.3982004

#1	.0098639	.0010002	14.61870	.1229520	.1345254	.1723666	189.4669
#2	.0096248	.0011444	14.75879	.1231973	.1350861	.1756864	190.9803
#3	.0102243	.0012900	14.71998	.1245102	.1348269	.1732548	190.1685

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.829037	11.28561	.2014012	-.005024	1.011654	.2353702	.8267094
Stddev	.022083	.06494	.0007849	.000292	.099357	.0042734	.0146102
%RSD	.2246695	.5754370	.3897383	5.808922	9.821270	1.815609	1.767277

#1	9.803549	11.22245	.2016016	-.005267	.917768	.2319162	.8157155
#2	9.842431	11.28218	.2005354	-.005104	1.115701	.2340453	.8432884
#3	9.841131	11.35219	.2020664	-.004700	1.001494	.2401492	.8211245

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.884672	.5683740	.0958071	.0168747	.4482905	6.494481	.0873673
Stddev	.049542	.0053461	.0045738	.0007289	.0036125	.059558	.0027592
%RSD	1.014232	.9406026	4.773929	4.319662	.8058454	.9170545	3.158163

#1	4.922042	.5664890	.0946764	.0173920	.4474599	6.469848	.0895515
#2	4.903498	.5642256	.1008402	.0171911	.4451656	6.451191	.0882839
#3	4.828477	.5744073	.0919048	.0160411	.4522460	6.562403	.0842664

Sample Name: M5160-22 Acquired: 12/26/2021 16:58:02 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX5A2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.137425	.0628348	-.122438
Stddev	.001830	.0003516	.000471
%RSD	.1608768	.5595414	.3846949

#1	1.135510	.0631432	-.121967
#2	1.137609	.0624520	-.122909
#3	1.139156	.0629094	-.122438

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1165.046	54425.97	9913.485	1343.520	1607.681
Stddev	2.459	347.86	45.645	16.394	1.698
%RSD	.2110271	.6391356	.4604344	1.220193	.1055874

#1	1167.405	54170.14	9958.974	1346.635	1609.228
#2	1165.235	54285.70	9913.796	1325.792	1607.951
#3	1162.499	54822.06	9867.685	1358.132	1605.865

Sample Name: M5010-03DLX3 Acquired: 12/26/2021 17:02:04 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: DBLT2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040453	.0017967	.0064382	.0080116	-.003943	.1566716	.4669794
Stddev	.0066134	.0055563	.0023278	.0075197	.002958	.0060341	.0008820
%RSD	163.4823	309.2558	36.15578	93.86053	75.02510	3.851421	.1888801

#1	.0013975	-.003692	.0052896	.0078165	-.005801	.1517789	.4661825
#2	-.000834	.007418	.0091170	.0005913	-.000532	.1634140	.4679271
#3	.011572	.001664	.0049079	.0156270	-.005496	.1548219	.4668285

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000596	-.000060	3.414971	.0033871	.0037417	.0012155	1.502115
Stddev	.000180	.000035	.028073	.0001750	.0005157	.0023849	.009697
%RSD	30.17590	59.34965	.8220635	5.167677	13.78360	196.2157	.6455866

#1	-.000674	-.000100	3.392601	.0032604	.0039292	-.001496	1.502035
#2	-.000390	-.000043	3.446473	.0035868	.0031584	.002990	1.511852
#3	-.000723	-.000036	3.405838	.0033142	.0041374	.002152	1.492458

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.04310	.6846219	.0017455	-.000397	5.756163	.0033446	.0095206
Stddev	.03975	.0166898	.0005632	.000069	.379738	.0009124	.0263417
%RSD	.3599227	2.437807	32.26570	17.27836	6.597069	27.27932	276.6813

#1	11.00179	.6653514	.0014509	-.000459	5.767296	.0030272	-.011606
#2	11.08107	.6940720	.0023949	-.000408	5.370980	.0026334	.001132
#3	11.04643	.6944422	.0013907	-.000323	6.130212	.0043733	.039035

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6065121	.0053528	-.000982	-.001371	-.012317	4.489406	-.001355
Stddev	.0991554	.0001975	.000277	.000895	.000562	.041403	.001192
%RSD	16.34846	3.688952	28.23872	65.29765	4.566001	.9222301	87.95673

#1	.5070895	.0051346	-.000670	-.001961	-.012747	4.515847	-.000037
#2	.6070485	.0055192	-.001075	-.001812	-.011681	4.441691	-.002358
#3	.7053981	.0054044	-.001201	-.000341	-.012524	4.510679	-.001670

Sample Name: M5010-03DLX3 Acquired: 12/26/2021 17:02:04 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: DBLT2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0161281	-.000119	.0712267
Stddev	.0013315	.000589	.0001499
%RSD	8.255649	493.6969	.2105169

#1	.0148330	.000162	.0712053
#2	.0160581	.000277	.0710886
#3	.0174932	-.000797	.0713862

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	972.3272	45505.55	8148.907	1120.927	1641.668
Stddev	2.5901	223.49	65.940	4.081	1.030
%RSD	.2663852	.4911272	.8091858	.3641164	.0627494

#1	975.2007	45589.85	8120.529	1123.576	1640.973
#2	971.6087	45252.17	8224.285	1116.226	1642.852
#3	970.1722	45674.63	8101.908	1122.977	1641.180

Sample Name: M5001-11 Acquired: 12/26/2021 17:06:12 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: A0BC2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0317978	-.011166	3.128840	.0097843	-.001587	66.43308	1.177412
Stddev	.0238617	.005759	.013200	.0136906	.003208	6.33927	.109472
%RSD	75.04201	51.57129	.4218949	139.9238	202.1808	9.542338	9.297675

#1	.0166778	-.008520	3.115723	.0045145	.001409	62.71287	1.108570
#2	.0593057	-.017773	3.128675	-.000488	-.001197	62.83367	1.120019
#3	.0194098	-.007206	3.142123	.025327	-.004972	73.75271	1.303646

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046143	-.000263	13.40628	.0752261	.0286987	.1108992	100.3600
Stddev	.0002095	.000281	1.26597	.0005461	.0005905	.0107854	8.9148
%RSD	4.540485	106.9586	9.443078	.7259385	2.057697	9.725371	8.882840

#1	.0044951	-.000125	12.59550	.0757973	.0290863	.1023333	95.1362
#2	.0044916	-.000077	12.75827	.0751718	.0289906	.1073531	95.2903
#3	.0048562	-.000586	14.86506	.0747092	.0280190	.1230111	110.6536

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.958716	17.31814	.0449459	-.001655	.7502997	.1478252	1.138346
Stddev	.187767	1.64344	.0007390	.001116	.2094958	.0127342	.025052
%RSD	9.586222	9.489676	1.644149	67.44312	27.92162	8.614380	2.200704

#1	1.840548	16.33017	.0442627	-.002739	.9657127	.1381129	1.115660
#2	1.860372	16.40898	.0457302	-.001717	.5472705	.1431203	1.134145
#3	2.175228	19.21527	.0448449	-.000509	.7379158	.1622424	1.165232

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.376451	.2954237	.0418215	.0001045	.2323907	7.399174	.0123976
Stddev	.398737	.0019496	.0051137	.0009836	.0010013	.582682	.0039226
%RSD	11.80936	.6599226	12.22736	940.8182	.4308738	7.874964	31.63975

#1	3.208123	.2966937	.0390406	.0009349	.2330780	6.978390	.0140896
#2	3.089481	.2963984	.0387008	-.000982	.2328522	7.154896	.0079130
#3	3.831750	.2931790	.0477229	.000360	.2312418	8.064235	.0151903

Sample Name: M5001-11 Acquired: 12/26/2021 17:06:12 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: A0BC2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.268181	.0393329	-.037225
Stddev	.405116	.0046026	.003060
%RSD	9.491531	11.70177	8.220486

#1	4.029311	.0349261	-.035388
#2	4.039298	.0389636	-.035530
#3	4.735932	.0441091	-.040758

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1049.921	48787.10	8519.784	1204.399	1650.836
Stddev	2.322	88.61	661.123	8.875	2.640
%RSD	.2211535	.1816221	7.759858	.7368874	.1599106

#1	1047.560	48834.55	8961.719	1200.150	1647.936
#2	1050.001	48841.87	8837.895	1214.600	1651.473
#3	1052.202	48684.87	7759.740	1198.447	1653.100

Sample Name: M5001-12 Acquired: 12/26/2021 17:10:14 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: A0BC3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0161816	-.011557	.0882047	.0067610	-.003349	51.64787	.3891281
Stddev	.0113741	.005147	.0032157	.0061268	.001558	.23889	.0019536
%RSD	70.29046	44.53382	3.645736	90.62023	46.52306	.4625385	.5020458

#1	.0040475	-.005901	.0883577	.0018033	-.002535	51.44083	.3868992
#2	.0178963	-.015964	.0913412	.0048690	-.002366	51.59354	.3905435
#3	.0266009	-.012805	.0849153	.0136106	-.005145	51.90925	.3899416

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069470	-.001167	13.53322	.0876222	.0476592	.0570956	122.9212
Stddev	.0001061	.000186	.07286	.0003865	.0005585	.0013708	.8091
%RSD	1.526968	15.96964	.5383480	.4411338	1.171933	2.400841	.6581896

#1	.0070139	-.001379	13.45433	.0871804	.0471747	.0568718	123.7181
#2	.0068247	-.001091	13.54736	.0877883	.0482701	.0585644	122.9448
#3	.0070025	-.001031	13.59796	.0878979	.0475327	.0558504	122.1006

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.139347	19.58874	.0608996	-.003330	1.302149	.1555862	.4685992
Stddev	.007010	.17334	.0001005	.000059	.021848	.0011457	.0037422
%RSD	.3276610	.8848953	.1650713	1.781170	1.677831	.7363414	.7986027

#1	2.132127	19.39300	.0608644	-.003266	1.281962	.1542656	.4644413
#2	2.139787	19.72282	.0610130	-.003340	1.299141	.1563134	.4716973
#3	2.146126	19.65040	.0608214	-.003383	1.325346	.1561796	.4696589

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.512787	.4140619	.0367298	.0071821	.0664788	9.353268	.0071560
Stddev	.039845	.0011306	.0009147	.0004735	.0008282	.074731	.0019028
%RSD	.4188593	.2730458	2.490411	6.592134	1.245840	.7989872	26.58974

#1	9.501857	.4135427	.0358334	.0075808	.0657388	9.331487	.0058248
#2	9.556956	.4153589	.0376618	.0073068	.0673734	9.291847	.0063079
#3	9.479546	.4132842	.0366942	.0066588	.0663241	9.436471	.0093353

Sample Name: M5001-12 Acquired: 12/26/2021 17:10:14 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: A0BC3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.168353	.0891779	-.052653
Stddev	.015080	.0031369	.000849
%RSD	.3617802	3.517615	1.613264

#1	4.151233	.0895645	-.053496
#2	4.179669	.0858655	-.052667
#3	4.174156	.0921035	-.051798

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1152.399	53658.65	9698.879	1333.827	1625.568
Stddev	1.802	360.87	42.375	6.721	1.231
%RSD	.1563513	.6725285	.4369031	.5038832	.0757128

#1	1150.603	53608.47	9743.190	1337.562	1625.478
#2	1154.206	53325.49	9694.697	1326.069	1624.384
#3	1152.387	54041.98	9658.751	1337.851	1626.841

Sample Name: M5001-14 Acquired: 12/26/2021 17:14:15 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: A0BD2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1088814	-.013977	.1195385	.1510525	-.007914	2.210175	2.568508
Stddev	.0160232	.007397	.0028498	.0067843	.000133	.014128	.033556
%RSD	14.71620	52.92495	2.383966	4.491358	1.674435	.6392050	1.306427

#1	.0903925	-.009163	.1173925	.1501268	-.007778	2.198280	2.538889
#2	.1175226	-.010274	.1184512	.1582521	-.007919	2.206454	2.561682
#3	.1187291	-.022495	.1227719	.1447785	-.008043	2.225790	2.604951

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0874671	.0076410	2.299299	.3205090	.0022962	.4842260	4.158431
Stddev	.0010411	.0000546	.032424	.0020398	.0001651	.0046363	.033157
%RSD	1.190257	.7146405	1.410156	.6364235	7.190579	.9574572	.7973396

#1	.0866685	.0076554	2.271666	.3227650	.0021100	.4808966	4.156482
#2	.0870882	.0076869	2.291239	.3187949	.0024246	.4822600	4.126292
#3	.0886446	.0075806	2.334993	.3199670	.0023540	.4895213	4.192520

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6104474	.8707452	.7259367	.3695590	.3474685	.8483036	.0169224
Stddev	.0064216	.0305355	.0002825	.0014281	.1848584	.0102138	.0072943
%RSD	1.051957	3.506828	.0389187	.3864385	53.20149	1.204020	43.10398

#1	.6063570	.8640295	.7262421	.3699386	.5293407	.8372203	.0085043
#2	.6071364	.9040796	.7258833	.3707590	.3533028	.8503538	.0208917
#3	.6178489	.8441265	.7256846	.3679794	.1597620	.8573367	.0213713

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1534219	.0078210	.0155851	-.000497	.0273301	1.444553	.0083030
Stddev	.0660024	.0014274	.0012093	.000441	.0003299	.014927	.0022838
%RSD	43.02021	18.25115	7.759265	88.63683	1.206955	1.033351	27.50577

#1	.0841195	.0064260	.0142233	-.000074	.0276831	1.435264	.0079609
#2	.2155358	.0092788	.0165332	-.000464	.0272776	1.436623	.0062096
#3	.1606103	.0077582	.0159989	-.000954	.0270297	1.461771	.0107386

Sample Name: M5001-14 Acquired: 12/26/2021 17:14:15 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: A0BD2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0258433	.0024068	.0155327
Stddev	.0021477	.0008443	.0000532
%RSD	8.310646	35.08183	.3422554

#1	.0256597	.0021065	.0155934
#2	.0237933	.0017536	.0155096
#3	.0280770	.0033602	.0154949

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	992.7906	46590.56	8291.978	1145.826	1673.395
Stddev	1.5838	147.47	93.492	8.778	3.189
%RSD	.1595341	.3165134	1.127496	.7660829	.1905420

#1	993.2429	46753.51	8377.667	1155.945	1676.633
#2	994.0990	46466.30	8305.998	1140.254	1673.293
#3	991.0298	46551.85	8192.267	1141.279	1670.258

Sample Name: M5001-14RE Acquired: 12/26/2021 17:18:17 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: A0BD2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1242176	-.023226	.1323331	.1708071	-.007124	2.575453	2.905125
Stddev	.0148578	.003271	.0019537	.0014352	.002864	.015069	.015124
%RSD	11.96113	14.08117	1.476342	.8402148	40.19937	.5850905	.5205988

#1	.1413243	-.026674	.1307048	.1700427	-.003869	2.592804	2.916019
#2	.1167937	-.022836	.1344995	.1724626	-.008246	2.567905	2.887857
#3	.1145348	-.020168	.1317952	.1699159	-.009257	2.565650	2.911499

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1000488	.0088893	2.594006	.3676372	.0032335	.5573656	4.750210
Stddev	.0008087	.0000953	.007545	.0014312	.0005473	.0058584	.040124
%RSD	.8083058	1.072022	.2908747	.3892913	16.92570	1.051078	.8446725

#1	.1009671	.0087820	2.590311	.3689920	.0032518	.5585263	4.784443
#2	.0997363	.0089641	2.589021	.3677792	.0026773	.5625566	4.706057
#3	.0994429	.0089219	2.602687	.3661402	.0037714	.5510137	4.760132

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6899875	1.041911	.8366364	.4147166	.3206174	.9549555	.0176696
Stddev	.0031356	.030762	.0017370	.0020168	.0914851	.0025135	.0127552
%RSD	.4544508	2.952474	.2076191	.4862995	28.53406	.2632015	72.18717

#1	.6921236	1.073657	.8373916	.4167081	.3115997	.9551197	.0323689
#2	.6863876	1.012238	.8346496	.4147661	.4162774	.9573829	.0095177
#3	.6914512	1.039839	.8378680	.4126755	.2339749	.9523640	.0111223

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3231936	.0087584	.0177442	-.000517	.0318313	1.649541	.0065487
Stddev	.0484279	.0005988	.0011228	.001013	.0010073	.017180	.0017169
%RSD	14.98418	6.836991	6.327486	195.9094	3.164457	1.041472	26.21731

#1	.3677410	.0093209	.0166092	-.000564	.0310068	1.669369	.0054856
#2	.2716469	.0088255	.0177690	-.001506	.0329540	1.640148	.0085294
#3	.3301928	.0081289	.0188543	.000519	.0315330	1.639106	.0056311

Sample Name: M5001-14RE Acquired: 12/26/2021 17:18:17 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: A0BD2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0275548	.0033176	.0159680
Stddev	.0002085	.0008851	.0000627
%RSD	.7566854	26.67908	.3923919

#1	.0273969	.0023283	.0159065
#2	.0274763	.0035903	.0160318
#3	.0277911	.0040343	.0159658

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	980.4600	45993.94	8197.764	1129.799	1652.531
Stddev	2.4958	27.31	46.720	10.512	.681
%RSD	.2545546	.0593676	.5699096	.9304181	.0411952

#1	983.3237	45992.28	8143.856	1138.457	1652.537
#2	979.3087	46022.04	8222.922	1132.838	1653.209
#3	978.7477	45967.50	8226.513	1118.103	1651.847

Sample Name: M5001-15 Acquired: 12/26/2021 17:22:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: A0BD9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0276891	-.009404	2.010762	.0128544	.0057829	38.04524	1.676759
Stddev	.0150879	.007926	.006759	.0036929	.0010772	.08394	.006445
%RSD	54.49054	84.27794	.3361536	28.72836	18.62703	.2206444	.3843806

#1	.0212771	-.018344	2.011498	.0112958	.0069838	38.14204	1.683961
#2	.0449241	-.003239	2.003664	.0101964	.0049018	38.00116	1.671535
#3	.0168662	-.006630	2.017123	.0170711	.0054632	37.99252	1.674782

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050026	.0016176	151.9014	.0477707	.0291521	.1859043	60.58165
Stddev	.0000839	.0001942	.6062	.0012621	.0001920	.0010514	.30551
%RSD	1.677601	12.00769	.3990659	2.641985	.6586549	.5655756	.5043019

#1	.0049057	.0014301	152.5755	.0470681	.0293084	.1870255	60.62156
#2	.0050505	.0016048	151.4011	.0470163	.0292101	.1849404	60.25814
#3	.0050517	.0018179	151.7276	.0492278	.0289378	.1857472	60.86525

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.068057	25.88411	.0491839	-.001160	2.300164	.0759224	3.301620
Stddev	.014735	.09700	.0015629	.000503	.216887	.0037588	.172043
%RSD	.4802766	.3747491	3.177758	43.32911	9.429209	4.950882	5.210861

#1	3.083977	25.92195	.0509524	-.000630	2.546170	.0720847	3.247496
#2	3.054898	25.77389	.0486111	-.001630	2.217793	.0795970	3.494216
#3	3.065294	25.95649	.0479882	-.001220	2.136529	.0760854	3.163147

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.034103	.2713355	.0343687	.0032987	.2135678	7.377700	.0223381
Stddev	.068019	.0027597	.0005769	.0007007	.0004706	.075314	.0022607
%RSD	1.127240	1.017063	1.678614	21.24038	.2203715	1.020833	10.12024

#1	6.097700	.2712749	.0337874	.0038301	.2141043	7.336638	.0229893
#2	6.042217	.2686068	.0343775	.0025047	.2132246	7.331841	.0198233
#3	5.962391	.2741251	.0349411	.0035615	.2133746	7.464621	.0242017

Sample Name: M5001-15 Acquired: 12/26/2021 17:22:19 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: A0BD9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.176084	.0502636	.6076574
Stddev	.005624	.0011271	.0006420
%RSD	.2584285	2.242350	.1056517

#1	2.182241	.0492232	.6072631
#2	2.174794	.0501067	.6083982
#3	2.171218	.0514609	.6073108

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1050.560	49207.33	8982.866	1218.435	1566.114
Stddev	3.377	586.00	37.791	16.750	3.047
%RSD	.3214382	1.190879	.4207052	1.374744	.1945804

#1	1053.790	49879.21	8992.701	1236.540	1566.636
#2	1050.838	48940.88	9014.767	1203.490	1568.867
#3	1047.053	48801.90	8941.130	1215.274	1562.840

Sample Name: M5001-16 Acquired: 12/26/2021 17:26:20 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: A0BE0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001937	-.010182	.1377748	.0144698	-.004066	56.83899	.4754146
Stddev	.009275	.005645	.0020199	.0021770	.002520	.18995	.0015615
%RSD	478.8697	55.44736	1.466098	15.04524	61.97992	.3341841	.3284531

#1	-.009414	-.013321	.1364080	.0163816	-.003908	56.62066	.4745984
#2	-.004840	-.003664	.1400950	.0149276	-.006660	56.96629	.4772150
#3	.008443	-.013559	.1368215	.0121003	-.001628	56.93001	.4744303

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083969	-.001015	10.55972	.0411041	.0431750	.0802532	124.7867
Stddev	.0000053	.000131	.01634	.0004034	.0009066	.0025807	.5696
%RSD	.0628459	12.93532	.1547339	.9813620	2.099787	3.215644	.4564746

#1	.0083943	-.001163	10.55548	.0409373	.0427702	.0815473	125.2387
#2	.0084030	-.000914	10.57776	.0415641	.0442134	.0819307	124.9746
#3	.0083935	-.000966	10.54591	.0408109	.0425413	.0772815	124.1469

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.608315	17.78070	.0464268	-.003394	1.130801	.1192498	.3951732
Stddev	.013900	.12589	.0011067	.000295	.030696	.0018178	.0084253
%RSD	.3852314	.7080334	2.383648	8.696173	2.714507	1.524372	2.132044

#1	3.601935	17.84823	.0476987	-.003348	1.096482	.1172714	.3925402
#2	3.624260	17.85843	.0458975	-.003710	1.140285	.1196317	.4046005
#3	3.598750	17.63545	.0456843	-.003125	1.155635	.1208463	.3883789

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.674142	.3180172	.0451423	.0017718	.0377737	14.54110	.0053962
Stddev	.041576	.0009499	.0059789	.0007836	.0008823	.08783	.0030434
%RSD	.5417625	.2986838	13.24444	44.22546	2.335615	.6040346	56.39932

#1	7.698935	.3186750	.0510992	.0020480	.0387265	14.44993	.0085665
#2	7.626143	.3184484	.0391418	.0023799	.0376094	14.62516	.0024980
#3	7.697348	.3169282	.0451861	.0008875	.0369852	14.54820	.0051241

Sample Name: M5001-16 Acquired: 12/26/2021 17:26:20 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: A0BE0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.178941	.0481741	-.058962
Stddev	.007738	.0005717	.000618
%RSD	.2434124	1.186836	1.048725

#1	3.172484	.0480745	-.059356
#2	3.187518	.0487891	-.059282
#3	3.176820	.0476586	-.058250

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1165.207	54031.21	9787.567	1342.508	1623.752
Stddev	6.173	198.66	38.862	7.676	6.526
%RSD	.5297387	.3676747	.3970559	.5717496	.4018831

#1	1158.085	54020.03	9790.827	1333.916	1619.628
#2	1168.536	53838.38	9747.177	1348.690	1620.353
#3	1169.001	54235.22	9824.696	1344.917	1631.276

Sample Name: M5160-14A Acquired: 12/26/2021 17:30:23 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX596A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3368449	-.011599	1.270278	.0232091	.0040135	113.5543	1.207038
Stddev	.0216933	.004670	.006748	.0082708	.0050911	.2834	.005143
%RSD	6.440154	40.26074	.5312009	35.63607	126.8507	.2495952	.4260722

#1	.3610556	-.015668	1.277097	.0321878	-.001269	113.8494	1.211905
#2	.3303061	-.006500	1.270135	.0215381	.004421	113.5293	1.207551
#3	.3191732	-.012630	1.263603	.0159014	.008888	113.2842	1.201657

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110015	.0020832	287.3120	.1797250	.1156209	.3011972	258.8800
Stddev	.0001465	.0002980	.9782	.0002424	.0011797	.0033608	1.9572
%RSD	1.331870	14.30705	.3404801	.1348578	1.020353	1.115829	.7560142

#1	.0108329	.0021272	288.1827	.1794615	.1169817	.3021589	258.3307
#2	.0110985	.0017656	287.4998	.1797750	.1148869	.3039724	261.0531
#3	.0110730	.0023568	286.2535	.1799385	.1149940	.2974604	257.2561

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.466558	48.84771	.2819484	-.005213	1.186431	.2822047	1.322541
Stddev	.020080	.11373	.0009072	.000198	.035217	.0045276	.031732
%RSD	.3673311	.2328257	.3217490	3.795894	2.968281	1.604350	2.399318

#1	5.476749	48.95914	.2809413	-.005012	1.145901	.2867785	1.357199
#2	5.479500	48.85217	.2827014	-.005408	1.209561	.2821108	1.294915
#3	5.443426	48.73181	.2822025	-.005219	1.203832	.2777249	1.315509

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.06495	.7676434	.1555620	.0148024	.3222421	10.35720	.0442361
Stddev	.02568	.0041463	.0046518	.0006156	.0015094	.06986	.0039713
%RSD	.2320467	.5401302	2.990296	4.159003	.4684103	.6744767	8.977416

#1	11.03607	.7632454	.1522542	.0144242	.3219688	10.30896	.0397107
#2	11.07357	.7682040	.1608810	.0155128	.3238695	10.32534	.0458573
#3	11.08521	.7714809	.1535510	.0144702	.3208881	10.43731	.0471403

Sample Name: M5160-14A Acquired: 12/26/2021 17:30:23 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX596A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.340980	.1324757	.2444382
Stddev	.004271	.0013321	.0008368
%RSD	.3185238	1.005559	.3423539

#1	1.341878	.1311128	.2452051
#2	1.344731	.1337748	.2435456
#3	1.336331	.1325394	.2445638

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1063.620	49714.70	9407.488	1213.287	1446.719
Stddev	.293	64.85	32.056	9.389	1.696
%RSD	.0275812	.1304510	.3407540	.7738516	.1172240

#1	1063.881	49652.92	9408.790	1203.340	1445.474
#2	1063.302	49708.96	9438.873	1214.525	1448.650
#3	1063.678	49782.24	9374.800	1221.995	1446.032

Sample Name: M5021-08DLX2 Acquired: 12/26/2021 17:42:25 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BGBN0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002177	-.005407	.0010523	.0064803	-.004131	.0166689	9.421569
Stddev	.013193	.009148	.0007443	.0040072	.001751	.0015071	.024563
%RSD	605.9572	169.1982	70.73577	61.83748	42.38867	9.041615	.2607119

#1	-.017321	-.001961	.0011624	.0048385	-.005927	.0171509	9.411478
#2	.006826	.001518	.0017354	.0110477	-.004036	.0178762	9.449570
#3	.003964	-.015778	.0002590	.0035546	-.002429	.0149798	9.403657

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000051	-.000273	.0610121	.0017965	-.000240	-.000913	.0028402
Stddev	.000021	.000066	.0062017	.0004153	.000362	.003243	.0061876
%RSD	41.86924	24.32765	10.16470	23.11850	151.1010	355.3250	217.8570

#1	-.000038	-.000205	.0653033	.0014896	-.000249	-.002614	.0018550
#2	-.000039	-.000277	.0539016	.0022691	.000127	.002827	.0094614
#3	-.000076	-.000337	.0638315	.0016309	-.000597	-.002950	-.002796

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010147	.0447834	.0007841	.0007729	2.997090	-.004146	.0004483
Stddev	.0002284	.0446871	.0004860	.0000776	.048431	.002993	.0063925
%RSD	22.51119	99.78499	61.98177	10.03907	1.615918	72.18557	1425.765

#1	.0010785	.0704564	.0010053	.0008569	2.968237	-.005232	-.003096
#2	.0007612	-.006817	.0002269	.0007038	2.970029	-.006445	-.003387
#3	.0012045	.070710	.0011202	.0007581	3.053003	-.000762	.007828

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.059550	.0305844	-.000486	-.001157	.4552019	.0060136	.0065352
Stddev	.034402	.0005265	.001577	.000586	.0026103	.0048283	.0026863
%RSD	57.77005	1.721525	324.4548	50.67730	.5734347	80.28983	41.10518

#1	-.075776	.0302946	-.001760	-.001152	.4523173	.0115086	.0081928
#2	-.020036	.0302665	.001277	-.000573	.4558875	.0040827	.0034358
#3	-.082838	.0311922	-.000974	-.001746	.4574010	.0024495	.0079771

Sample Name: M5021-08DLX2 Acquired: 12/26/2021 17:42:25 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BGBN0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0027522	.0034201	.2105544
Stddev	.0017509	.0017495	.0002796
%RSD	63.61679	51.15325	.1327797

#1	.0012353	.0019330	.2108771
#2	.0046682	.0029794	.2103992
#3	.0023533	.0053477	.2103867

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	958.1606	45358.08	8117.096	1104.396	1636.421
Stddev	1.3329	452.87	49.421	11.081	5.613
%RSD	.1391095	.9984310	.6088506	1.003354	.3430224

#1	959.1490	45815.10	8075.939	1110.168	1642.568
#2	956.6447	44909.48	8103.440	1091.620	1635.128
#3	958.6881	45349.67	8171.909	1111.399	1631.567

Sample Name: M5021-09DLX2 Acquired: 12/26/2021 17:46:31 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BGBN0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028519	-.007714	.0009890	-.005520	-.003964	.0166927	9.550946
Stddev	.0046185	.007709	.0013451	.009724	.001036	.0042836	.022036
%RSD	161.9463	99.93495	136.0127	176.1571	26.13836	25.66148	.2307253

#1	.0051851	-.016044	-.000212	-.008957	-.002930	.0118657	9.560862
#2	-.002468	-.006265	.000736	.005456	-.005002	.0200414	9.525694
#3	.005838	-.000832	.002442	-.013059	-.003960	.0181708	9.566283

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000017	-.000024	.0753529	.0021967	-.000200	-.000710	-.001736
Stddev	.000074	.000046	.0105315	.0003149	.000300	.002348	.004122
%RSD	434.9327	190.7827	13.97620	14.33435	149.6578	330.5808	237.4552

#1	-.000079	-.000064	.0869577	.0022947	-.000380	-.000586	.001394
#2	.000065	.000026	.0726982	.0018445	-.000368	-.003117	-.000196
#3	-.000037	-.000034	.0664027	.0024510	.000146	.001573	-.006407

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009299	.0442590	.0003954	.0002684	3.070501	-.004459	.0130466
Stddev	.0003969	.0026614	.0008406	.0003605	.145622	.002218	.0388550
%RSD	42.67678	6.013204	212.5982	134.3393	4.742611	49.73848	297.8166

#1	.0008775	.0423868	.0012291	.0000914	3.224589	-.006478	-.028097
#2	.0005619	.0473056	.0004090	.0006831	3.051754	-.004815	.018122
#3	.0013504	.0430848	-.000452	.0000305	2.935161	-.002085	.049114

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.053614	.0304403	-.001735	-.000237	.4606378	.0007742	.0035198
Stddev	.068074	.0001457	.000904	.000164	.0010033	.0003255	.0011853
%RSD	126.9715	.4786487	52.13562	69.06692	.2177985	42.04466	33.67601

#1	.024607	.0304854	-.002765	-.000122	.4596655	.0004121	.0048508
#2	-.099453	.0302774	-.001366	-.000424	.4616694	.0010424	.0031308
#3	-.085995	.0305582	-.001073	-.000165	.4605784	.0008681	.0025779

Sample Name: M5021-09DLX2 Acquired: 12/26/2021 17:46:31 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BGBN0D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0028331	.0028981	.2126398
Stddev	.0001594	.0014416	.0009776
%RSD	5.624636	49.74428	.4597652

#1	.0029899	.0014693	.2137243
#2	.0026713	.0043522	.2123689
#3	.0028383	.0028726	.2118262

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	956.7641	45280.28	8056.790	1103.866	1630.868
Stddev	.4919	329.45	42.407	13.462	2.740
%RSD	.0514105	.7275847	.5263479	1.219523	.1680228

#1	956.6682	44938.67	8059.078	1089.439	1627.848
#2	956.3272	45306.12	8013.285	1116.091	1631.561
#3	957.2968	45596.05	8098.006	1106.068	1633.196

Sample Name: M5021-08LDLX10 Acquired: 12/26/2021 17:50:40 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BGBN0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008119	.0001290	.0002985	-.001402	-.004591	.0060544	2.123120
Stddev	.008802	.0034920	.0034367	.007210	.006907	.0045364	.002511
%RSD	108.4124	2706.462	1151.231	514.4167	150.4555	74.92739	.1182552

#1	-.003180	.0037343	-.003499	-.006023	-.011567	.0102669	2.121624
#2	-.002896	-.000110	.003195	-.005089	-.004450	.0066443	2.126019
#3	-.018280	-.003237	.001199	.006907	.002245	.0012519	2.121719

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000806	-.000145	.0149149	.0000304	.0000725	-.002129	-.008156
Stddev	.0000279	.000119	.0179248	.0003450	.0005147	.001961	.005338
%RSD	34.55776	81.92366	120.1805	1135.247	710.1174	92.09399	65.45022

#1	.0000581	-.000117	.0030776	-.000349	.0004214	-.004218	-.008350
#2	.0001118	-.000043	.0355376	.000116	.0003147	-.000328	-.002724
#3	.0000720	-.000275	.0061295	.000325	-.000519	-.001842	-.013395

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003967	.0292970	.0001165	.0002393	.5023521	-.004247	-.006619
Stddev	.0005627	.0284023	.0005840	.0004138	.2828130	.002347	.017942
%RSD	141.8549	96.94579	501.1382	172.9325	56.29777	55.25977	271.0507

#1	.0010463	.0201158	-.000551	-.000009	.4876218	-.003355	.007901
#2	.0000869	.0066211	.000534	.000010	.7922423	-.002477	-.026677
#3	.0000570	.0611543	.000366	.000717	.2271921	-.006909	-.001081

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.042908	.0065027	-.000879	-.000278	.1061001	-.006858	.0004056
Stddev	.031739	.0003323	.001387	.000316	.0012380	.001078	.0023440
%RSD	73.97164	5.110623	157.8436	113.5358	1.166853	15.72170	577.9519

#1	-.016773	.0066035	.000630	-.000469	.1065302	-.008102	.0026650
#2	-.033724	.0061316	-.001169	.000086	.1070657	-.006231	.0005663
#3	-.078226	.0067729	-.002099	-.000451	.1047043	-.006240	-.002015

Sample Name: M5021-08LDLX10 Acquired: 12/26/2021 17:50:40 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BGBN0L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011133	.0011215	.0481904
Stddev	.0002781	.0021489	.0002144
%RSD	24.97952	191.5993	.4448498

#1	.0014290	.0025125	.0481854
#2	.0010066	.0022055	.0484072
#3	.0009044	-.001353	.0479785

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	969.6128	45537.21	8142.684	1110.075	1653.841
Stddev	2.8841	196.90	35.205	9.002	4.774
%RSD	.2974485	.4323883	.4323516	.8109259	.2886424

#1	966.3844	45607.97	8173.868	1109.619	1649.845
#2	971.9347	45688.96	8104.507	1119.297	1659.127
#3	970.5194	45314.72	8149.676	1101.310	1652.551

Sample Name: M5021-10DLX2 Acquired: 12/26/2021 17:54:48 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BGBN0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0399486	.0448499	.0232024	.1030007	.0990104	2.021084	11.67919
Stddev	.0119114	.0068267	.0032025	.0022804	.0023553	.013836	.11359
%RSD	29.81686	15.22115	13.80239	2.213959	2.378820	.6845964	.9725975

#1	.0407243	.0385617	.0195061	.1016821	.1002213	2.007132	11.68694
#2	.0276683	.0438772	.0249566	.1016861	.1005139	2.034802	11.56192
#3	.0514532	.0521107	.0251446	.1056339	.0962960	2.021317	11.78871

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0549504	.0552092	.0674261	.2271290	.5144173	.2692806	1.109012
Stddev	.0001762	.0000802	.0074484	.0009311	.0008147	.0036669	.011869
%RSD	.3206989	.1452132	11.04677	.4099493	.1583759	1.361742	1.070211

#1	.0547566	.0551175	.0694058	.2271416	.5144606	.2733944	1.117041
#2	.0549935	.0552438	.0591879	.2261916	.5152094	.2663557	1.114615
#3	.0551010	.0552662	.0736847	.2280537	.5135818	.2680916	1.095379

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5395603	.0603232	.5307170	.0459324	3.117261	.5447246	.5078055
Stddev	.0030022	.0316252	.0018652	.0002511	.323310	.0062113	.0364667
%RSD	.5564129	52.42630	.3514456	.5466559	10.37159	1.140263	7.181238

#1	.5362051	.0623336	.5328671	.0460041	3.077163	.5383214	.5135866
#2	.5419929	.0277407	.5297508	.0461399	3.458749	.5507243	.5410364
#3	.5404830	.0908953	.5295332	.0456533	2.815870	.5451280	.4687936

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004664	.0326167	-.000945	-.000719	.3843809	-.001515	.0051159
Stddev	.048497	.0002590	.000550	.000533	.0026344	.001475	.0044335
%RSD	1039.734	.7939672	58.18018	74.09821	.6853599	97.31399	86.66223

#1	-.019763	.0328823	-.001513	-.000108	.3872644	-.003188	.0091898
#2	.049586	.0323650	-.000908	-.000966	.3821002	-.000401	.0003941
#3	-.043816	.0326029	-.000415	-.001083	.3837780	-.000958	.0057637

Sample Name: M5021-10DLX2 Acquired: 12/26/2021 17:54:48 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BGBN0S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0020407	.0041716	.2145025
Stddev	.0004424	.0007528	.0002996
%RSD	21.67991	18.04585	.1396575

#1	.0020219	.0049182	.2147792
#2	.0024922	.0041839	.2145438
#3	.0016080	.0034128	.2141844

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	955.5388	44979.57	8026.319	1094.822	1627.366
Stddev	1.8851	99.91	33.583	1.470	6.337
%RSD	.1972783	.2221214	.4184055	.1342967	.3894248

#1	953.5513	44898.75	8042.724	1093.363	1620.052
#2	957.3012	44948.68	8048.546	1094.798	1631.219
#3	955.7638	45091.27	7987.687	1096.303	1630.827

Sample Name: CCV014 Acquired: 12/26/2021 17:59:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV014 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.889385	4.781838	24.50669	4.748269	4.870571	403.7052	10.05139
Stddev	.016601	.011606	.07340	.015821	.053932	.9755	.04400
%RSD	.3395289	.2427122	.2994979	.3331904	1.107297	.2416427	.4377249

#1	4.894934	4.795240	24.45229	4.747393	4.819900	402.6101	10.01087
#2	4.902500	4.775155	24.47760	4.732905	4.864555	404.4811	10.09819
#3	4.870720	4.775120	24.59017	4.764510	4.927259	404.0245	10.04512

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5176175	2.452092	407.1887	15.13189	2.466996	14.83215	404.9209
Stddev	.0038270	.001555	1.4704	.01893	.004460	.02973	1.9500
%RSD	.7393437	.0634332	.3611142	.1250838	.1807757	.2004381	.4815659

#1	.5143580	2.451924	405.7760	15.13138	2.472052	14.79795	404.7269
#2	.5218313	2.450627	408.7108	15.11322	2.465315	14.85181	406.9606
#3	.5166632	2.453724	407.0793	15.15106	2.463621	14.84669	403.0752

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.11287	406.8108	2.460701	1.255224	400.3508	2.496054	15.44326
Stddev	.03853	1.2765	.002036	.007611	1.0735	.009499	.12041
%RSD	.2549261	.3137744	.0827534	.6063094	.2681337	.3805469	.7796877

#1	15.08502	405.5427	2.459336	1.254511	399.1730	2.485103	15.31328
#2	15.15684	408.0954	2.459725	1.247995	401.2742	2.502063	15.55100
#3	15.09676	406.7943	2.463042	1.263166	400.6054	2.500995	15.46551

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.6537	5.425109	5.100984	4.844214	5.025398	4.972281	4.956749
Stddev	.2068	.020287	.023497	.030815	.013299	.042500	.010657
%RSD	.1372590	.3739441	.4606442	.6361191	.2646389	.8547458	.2150007

#1	150.7807	5.448460	5.087110	4.818099	5.032370	4.965649	4.952250
#2	150.7652	5.411820	5.128114	4.836341	5.010063	5.017708	4.968917
#3	150.4151	5.415046	5.087729	4.878201	5.033762	4.933487	4.949078

Sample Name: CCV014 Acquired: 12/26/2021 17:59:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV014 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.949305	5.037492	4.696369
Stddev	.015384	.022849	.017067
%RSD	.3108392	.4535778	.3634093

#1	4.933096	5.011196	4.707337
#2	4.963705	5.052503	4.705066
#3	4.951113	5.048776	4.676706

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	805.0011	38690.13	7491.487	928.8282	1262.645
Stddev	3.4397	403.63	7.999	5.5277	1.095
%RSD	.4272950	1.043238	.1067773	.5951263	.0867149

#1	808.1384	38550.16	7482.857	930.3974	1261.389
#2	805.5420	39145.12	7498.653	933.4016	1263.152
#3	801.3230	38375.13	7492.950	922.6855	1263.395

Sample Name: CCB014 Acquired: 12/26/2021 18:07:28 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB014 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030924	-.010289	.0016567	.0009893	-.006792	.0030887	-.000158
Stddev	.0060079	.011228	.0019661	.0057059	.000408	.0093896	.000504
%RSD	194.2797	109.1314	118.6793	576.7344	6.012701	303.9989	318.4917

#1	.0077350	-.006111	.0019723	.0073291	-.007244	-.007533	-.000722
#2	.0052352	-.023006	.0034459	-.000627	-.006451	.010285	-.000002
#3	-.003693	-.001748	-.000448	-.003734	-.006679	.006514	.000250

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000008	-.000033	.0096710	-.000348	.0004110	.0012130	.0099106
Stddev	.000093	.000147	.0076220	.000081	.0001063	.0030235	.0193587
%RSD	1124.158	443.1456	78.81343	23.28635	25.86209	249.2613	195.3329

#1	.000098	.000132	.0181288	-.000413	.0004977	-.002155	.0040041
#2	-.000046	-.000083	.0033341	-.000372	.0002924	.003693	.0315345
#3	-.000077	-.000148	.0075499	-.000257	.0004428	.002100	-.005807

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007002	.0065334	-.000079	.0000714	-.017663	-.003416	-.016558
Stddev	.0008234	.0349905	.000790	.0005203	.137935	.003617	.007002
%RSD	117.5879	535.5607	1000.200	729.0598	780.9129	105.8725	42.28811

#1	.0016505	.0431829	-.000931	.0003251	-.079669	-.006595	-.010780
#2	.0002515	.0029378	.000065	.0004161	.140393	.000519	-.014549
#3	.0001987	-.026520	.000629	-.000527	-.113714	-.004173	-.024345

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.025828	-.000246	.0028756	-.001124	.0002724	-.005444	.0031823
Stddev	.127099	.000256	.0002929	.000380	.0009832	.001579	.0000904
%RSD	492.1037	104.0664	10.18630	33.79021	360.9858	28.99993	2.840786

#1	.106113	.000039	.0031816	-.001443	.0013860	-.006979	.0031501
#2	-.036139	-.000320	.0028474	-.001226	-.000476	-.003825	.0031123
#3	-.147457	-.000456	.0025978	-.000704	-.000093	-.005529	.0032843

Sample Name: CCB014 Acquired: 12/26/2021 18:07:28 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v12) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB014 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007682	.0011933	.0001242
Stddev	.0010603	.0007086	.0000332
%RSD	138.0227	59.38058	26.76835

#1	-.000456	.0019231	.0001618
#2	.001353	.0005080	.0000987
#3	.001407	.0011490	.0001121

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	963.1343	44809.81	7940.650	1107.031	1635.294
Stddev	.7300	275.17	74.302	8.366	1.693
%RSD	.0757987	.6140873	.9357172	.7557018	.1035150

#1	962.6474	44975.85	8016.675	1114.758	1633.342
#2	963.9737	44961.40	7868.200	1108.189	1636.190
#3	962.7817	44492.18	7937.075	1098.147	1636.351