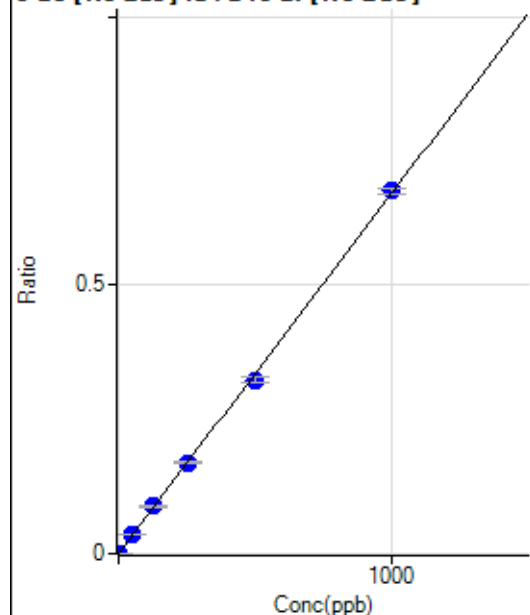


Batch Folder: D:\ICP-MS Data\P7060619-A.b\
Analysis File: P7060619-A.batch.bin
DA Date-Time: 2019-06-07 01:39:42
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-06-06 13:09:55
2	004CALS.d	S01	2019-06-06 13:13:31
3	005CALS.d	S02	2019-06-06 13:17:30
4	006CALS.d	S03	2019-06-06 13:21:27
5	007CALS.d	S04	2019-06-06 13:25:23
6	008CALS.d	S05	2019-06-06 13:29:19
7	009CALS.d	S06	2019-06-06 13:33:12
8	010CALS.d	S07	2019-06-06 13:37:02
9	011CALS.d	S08	2019-06-06 13:40:52

9 Be [No Gas] ISTD:6 Li [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	64.44	0.0001	P	33.3
2	☐	0.100	0.058	105.56	0.0001	P	4.6
3	☐	1.000	0.912	718.92	0.0007	P	10.3
4	☐	50.000	53.764	36642.08	0.0361	P	5.1
5	☐	125.000	131.044	91637.35	0.0880	P	0.7
6	☐	250.000	253.029	173330.02	0.1699	P	2.4
7	☐	500.000	482.264	334305.55	0.3237	P	3.0
8	☐	1000.000	1007.167	670005.73	0.6760	P	1.5
9	☐			197.78	0.0002	P	20.8

$$y = 6.7116\text{E-}004 * x + 5.9921\text{E-}005$$

$$R = 0.9998$$

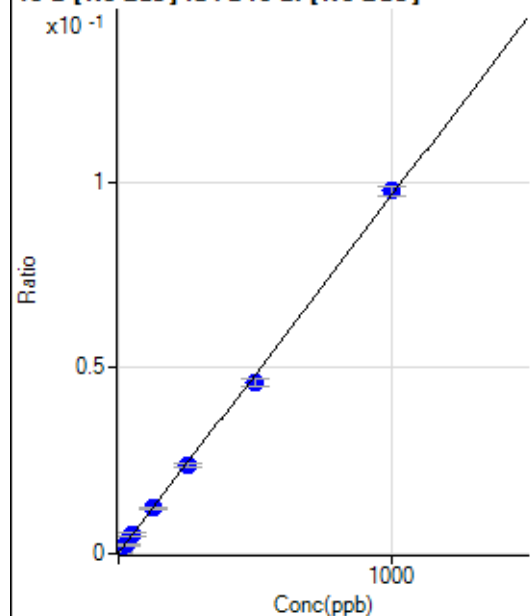
$$DL = 0.08908$$

$$BEC = 0.08928$$

Weight: <None>

Min Conc: 0

10 B [No Gas] ISTD:6 Li [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	152.79	0.0001	P	20.8
2	☐	2.500	2.244	380.57	0.0004	P	21.3
3	☐	25.000	22.773	2500.32	0.0023	P	0.9
4	☐	50.000	52.853	5287.27	0.0052	P	15.5
5	☐	125.000	125.065	12680.77	0.0122	P	3.8
6	☐	250.000	246.185	24306.49	0.0238	P	5.9
7	☐	500.000	474.923	47350.20	0.0459	P	4.5
8	☐	1000.000	1013.398	96811.34	0.0977	P	3.0
9	☐			9817.45	0.0102	P	13.0

$$y = 9.6259\text{E-}005 * x + 1.4229\text{E-}004$$

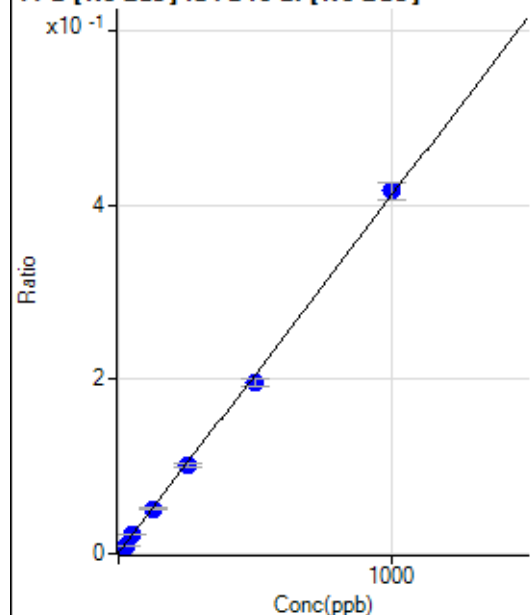
$$R = 0.9995$$

$$DL = 0.9238$$

$$BEC = 1.478$$

Weight: <None>

Min Conc: 0

11 B [No Gas] ISTD:6 Li [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	716.71	0.0007	P	6.3
2	☐	2.500	2.425	1766.85	0.0017	P	3.0
3	☐	25.000	20.846	9870.25	0.0092	P	2.6
4	☐	50.000	51.700	22167.08	0.0219	P	6.1
5	☐	125.000	123.176	53289.42	0.0512	P	3.9
6	☐	250.000	243.589	102580.95	0.1006	P	4.6
7	☐	500.000	476.904	202686.22	0.1963	P	3.8
8	☐	1000.000	1013.398	412537.79	0.4163	P	4.7
9	☐			41884.08	0.0436	P	11.4

$$y = 4.1017\text{E-}004 * x + 6.6587\text{E-}004$$

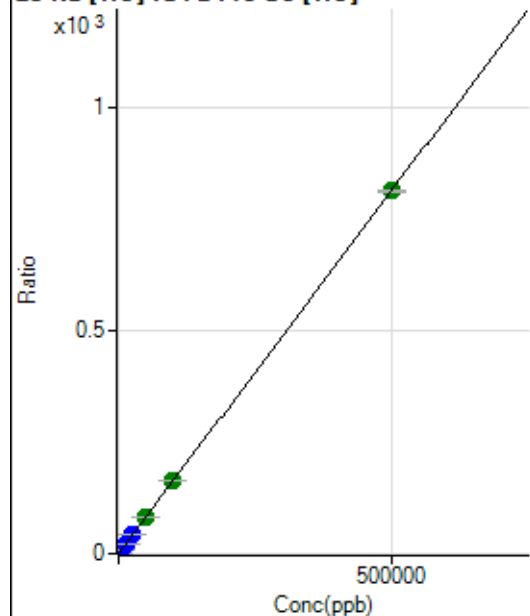
$$R = 0.9996$$

$$DL = 0.3066$$

$$BEC = 1.623$$

Weight: <None>

Min Conc: 0

23 Na [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2658.68	0.0373	P	8.8
2	☐	50.000	46.433	8347.06	0.1128	P	6.0
3	☐	500.000	497.060	60171.66	0.8461	P	3.7
4	☐	5000.000	5125.698	605930.15	8.3781	P	3.7
5	☐	12500.000	12670.880	1506261.67	20.6560	P	5.7
6	☐	25000.000	27078.540	2902916.97	44.1009	P	1.6
7	☐	50000.000	51373.448	5721855.73	83.6350	A	0.7
8	☐	100000.00	99650.238	11563826.65	162.1936	A	0.2
9	☐	500000.00	499823.15	57989888.80	813.3769	A	0.2

$$y = 0.0016 * x + 0.0373$$

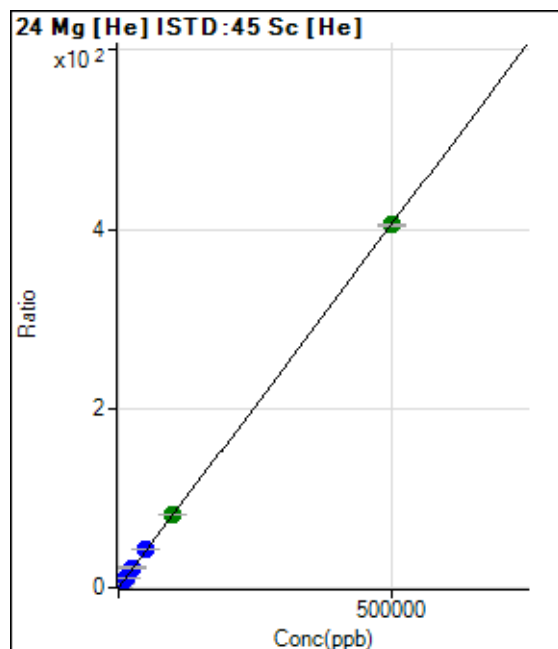
$$R = 1.0000$$

$$DL = 6.072$$

$$BEC = 22.9$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0015	P	17.2
2	☐	50.000	50.982	3167.14	0.0428	P	6.7
3	☐	500.000	528.548	30576.57	0.4300	P	3.7
4	☐	5000.000	5237.948	307246.57	4.2478	P	3.2
5	☐	12500.000	12979.296	767394.86	10.5235	P	5.6
6	☐	25000.000	27679.692	1477147.10	22.4409	P	1.8
7	☐	50000.000	52437.028	2908418.12	42.5112	P	0.5
8	☐	100000.00	101189.54	5848615.63	82.0339	A	0.3
9	☐	500000.00	499370.01	28862417.31	404.8312	A	0.3

$$y = 8.1068\text{E-}004 * x + 0.0015$$

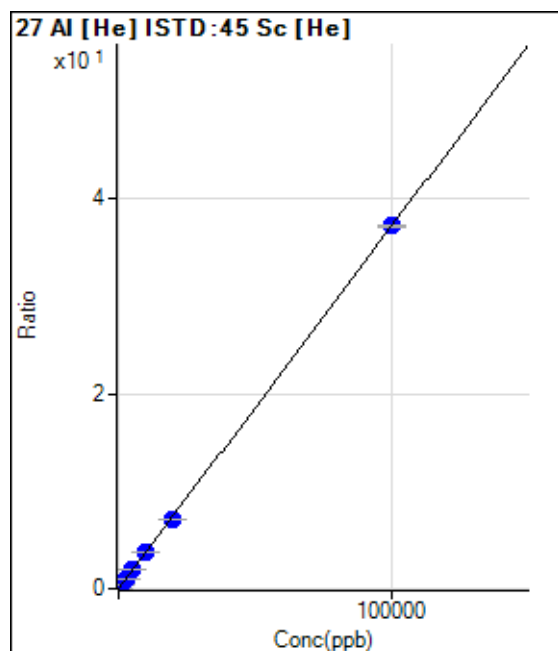
$$R = 1.0000$$

$$DL = 0.9401$$

$$BEC = 1.827$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.55	0.0001	P	86.6
2	☐	2.000	1.312	41.67	0.0006	P	36.7
3	☐	20.000	19.846	530.59	0.0075	P	7.5
4	☐	1000.000	1004.837	27017.01	0.3736	P	4.1
5	☐	2500.000	2459.385	66680.06	0.9143	P	5.3
6	☐	5000.000	5215.003	127602.27	1.9386	P	1.8
7	☐	10000.000	10007.390	254500.59	3.7200	P	0.5
8	☐	20000.000	19335.415	512434.77	7.1873	P	0.0
9	☐	100000.00	100122.39	2653439.49	37.2169	P	0.3

$$y = 3.7171\text{E-}004 * x + 7.7546\text{E-}005$$

$$R = 1.0000$$

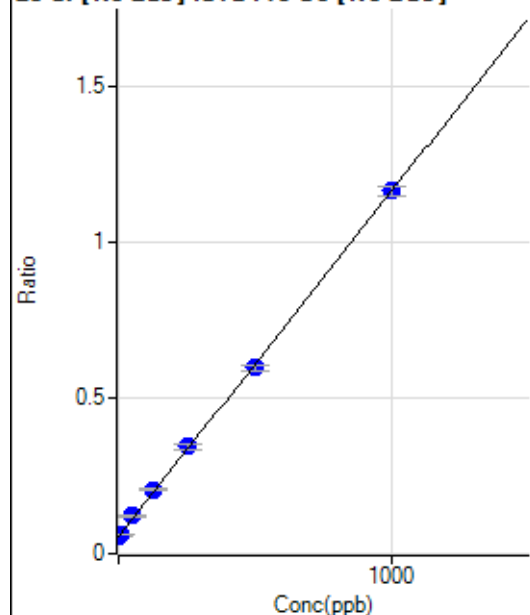
$$DL = 0.542$$

$$BEC = 0.2086$$

Weight: <None>

Min Conc: 0

28 Si [No Gas] ISTD : 45 Sc [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	93522.34	0.0552	P	3.6
2	☐	1.000	0.903	93829.96	0.0562	P	4.2
3	☐	10.000	7.927	108265.29	0.0639	P	2.8
4	☐	50.000	60.133	189689.51	0.1219	P	7.6
5	☐	125.000	135.998	329896.43	0.2061	P	1.3
6	☐	250.000	259.960	548582.09	0.3436	P	4.9
7	☐	500.000	489.857	973320.56	0.5988	P	2.9
8	☐	1000.000	1000.721	1826386.76	1.1657	P	2.4
9	☐			191850.83	0.1254	P	6.5

$$y = 0.0011 * x + 0.0552$$

$$R = 0.9998$$

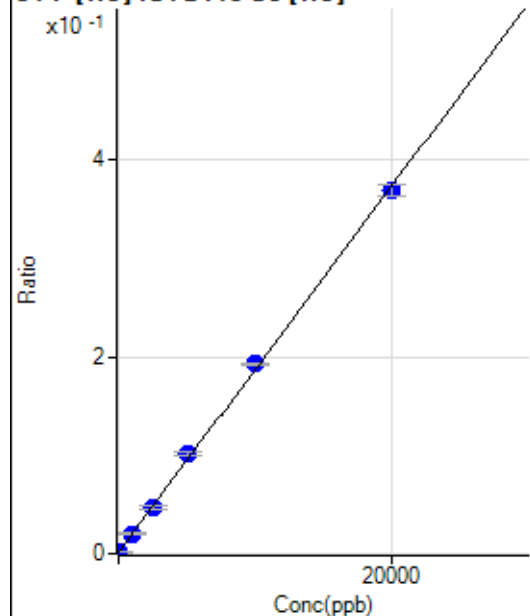
$$DL = 5.394$$

$$BEC = 49.7$$

Weight: <None>

Min Conc: 0

31 P [He] ISTD : 45 Sc [He]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-15.311	75.00	0.0011	P	22.8
2	☐	0.000	-21.859	69.45	0.0009	P	25.9
3	☐	0.000	37.170	144.45	0.0020	P	25.5
4	☐	1000.000	1008.458	1452.91	0.0201	P	7.0
5	☐	2500.000	2422.713	3381.08	0.0464	P	8.0
6	☐	5000.000	5405.622	6704.52	0.1019	P	3.9
7	☐	10000.000	10308.629	13209.15	0.1931	P	1.0
8	☐	20000.000	19753.518	26285.12	0.3687	P	3.0
9	☐			83.34	0.0012	P	52.8

$$y = 1.8600E-005 * x + 0.0013$$

$$R = 0.9996$$

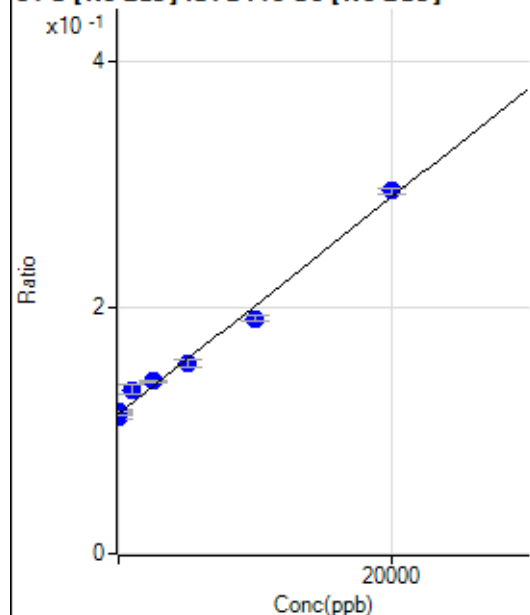
$$DL = 53.65$$

$$BEC = 71.88$$

Weight: <None>

Min Conc: 0

34 S [No Gas] ISTD:45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-247.010	189344.58	0.1116	P	2.9
2	☐	0.000	252.264	193955.56	0.1160	P	3.1
3	☐	0.000	-5.254	192621.88	0.1138	P	2.9
4	☐	1000.000	2247.682	208056.99	0.1336	P	6.3
5	☐	2500.000	2981.216	224266.25	0.1401	P	0.8
6	☐	5000.000	4655.725	247276.22	0.1548	P	3.6
7	☐	10000.000	8792.476	310964.27	0.1913	P	2.2
8	☐	20000.000	20567.294	462225.89	0.2950	P	1.7
9	☐			175647.74	0.1148	P	6.7

$$y = 8.8087\text{E-}006 * x + 0.1138$$

$$R = 0.9946$$

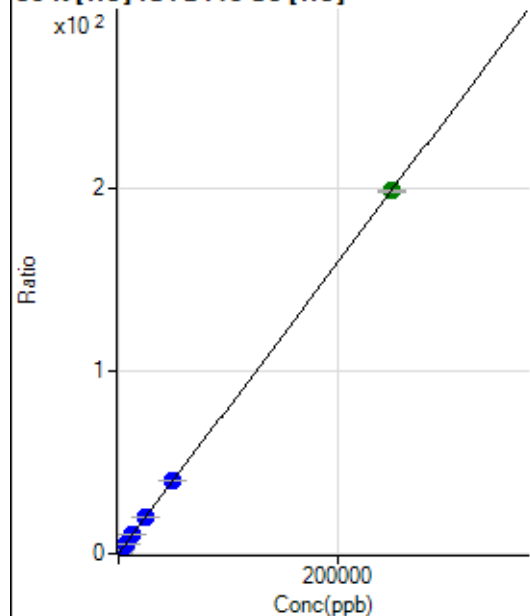
$$DL = 1154$$

$$BEC = 1.292\text{E}+04$$

Weight: <None>

Min Conc: 0

39 K [He] ISTD:45 Sc [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9078.18	0.1272	P	2.6
2	☐	50.000	49.366	12319.55	0.1665	P	5.7
3	☐	500.000	497.566	37183.48	0.5228	P	3.1
4	☐	2500.000	2534.754	154970.62	2.1426	P	3.4
5	☐	6250.000	6276.727	373148.45	5.1177	P	6.0
6	☐	12500.000	13354.348	707215.38	10.7449	P	2.5
7	☐	25000.000	25625.088	1402581.91	20.5011	P	0.5
8	☐	50000.000	49796.053	2831769.60	39.7188	P	0.4
9	☐	250000.00	249934.55	14176608.48	198.8437	A	0.4

$$y = 7.9507\text{E-}004 * x + 0.1272$$

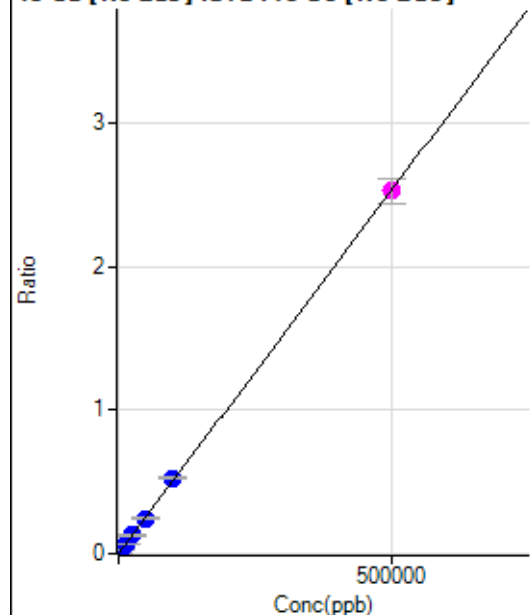
$$R = 1.0000$$

$$DL = 12.7$$

$$BEC = 160$$

Weight: <None>

Min Conc: 0

43 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	9.9
2	☐	50.000	47.868	444.47	0.0003	P	11.6
3	☐	500.000	482.232	4167.41	0.0025	P	5.8
4	☐	5000.000	5303.378	41785.03	0.0268	P	7.7
5	☐	12500.000	13114.870	106238.25	0.0664	P	1.5
6	☐	25000.000	25152.014	203169.60	0.1273	P	4.5
7	☐	50000.000	48656.464	400115.17	0.2461	P	3.1
8	☐	100000.00	104277.61	826536.89	0.5275	P	1.7
9	☐	500000.00	499252.84	3861207.77	2.5254	M	7.0

$$y = 5.0584\text{E-}006 * x + 2.2880\text{E-}005$$

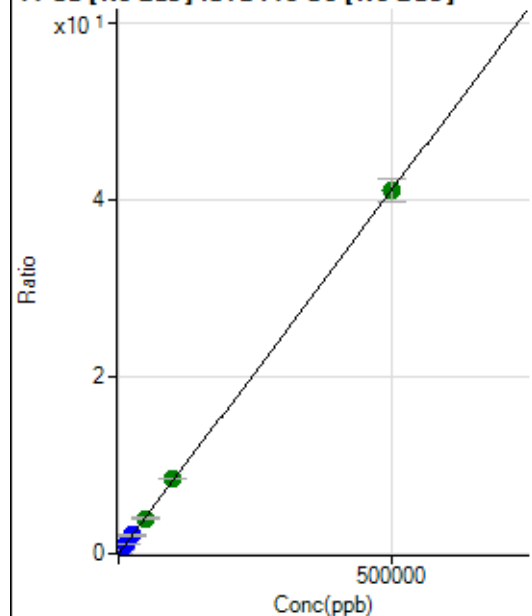
$$R = 1.0000$$

$$DL = 1.341$$

$$BEC = 4.523$$

Weight: <None>

Min Conc: 0

44 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2928.23	0.0017	P	9.3
2	☐	50.000	48.056	9478.45	0.0057	P	6.9
3	☐	500.000	460.171	66943.99	0.0395	P	0.8
4	☐	5000.000	5346.227	686289.34	0.4409	P	6.9
5	☐	12500.000	12910.369	1700441.40	1.0622	P	1.1
6	☐	25000.000	25280.187	3318574.81	2.0782	P	4.0
7	☐	50000.000	48258.514	6446355.65	3.9657	A	2.9
8	☐	100000.00	103507.12	13324282.07	8.5038	A	1.9
9	☐	500000.00	499445.03	62743725.71	41.0261	A	6.5

$$y = 8.2140\text{E-}005 * x + 0.0017$$

$$R = 1.0000$$

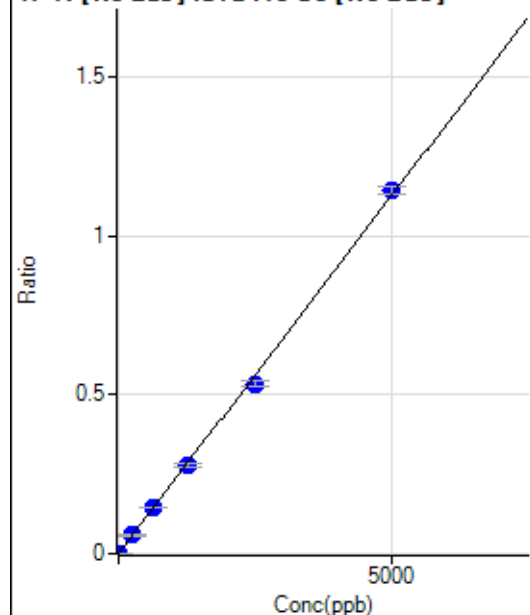
$$DL = 5.87$$

$$BEC = 21.05$$

Weight: <None>

Min Conc: 0

47 Ti [No Gas] ISTD :45 Sc [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	36.11	0.0000	P	32.8
2	☐	0.500	0.569	250.01	0.0001	P	8.6
3	☐	5.000	4.716	1839.08	0.0011	P	7.6
4	☐	250.000	261.954	91981.05	0.0591	P	7.3
5	☐	625.000	635.643	229518.07	0.1434	P	1.2
6	☐	1250.000	1228.263	442344.23	0.2770	P	4.0
7	☐	2500.000	2367.939	868063.76	0.5340	P	3.2
8	☐	5000.000	5069.537	1791354.57	1.1433	P	2.0
9	☐			644.48	0.0004	P	5.9

$$y = 2.2552E-004 * x + 2.1165E-005$$

$$R = 0.9995$$

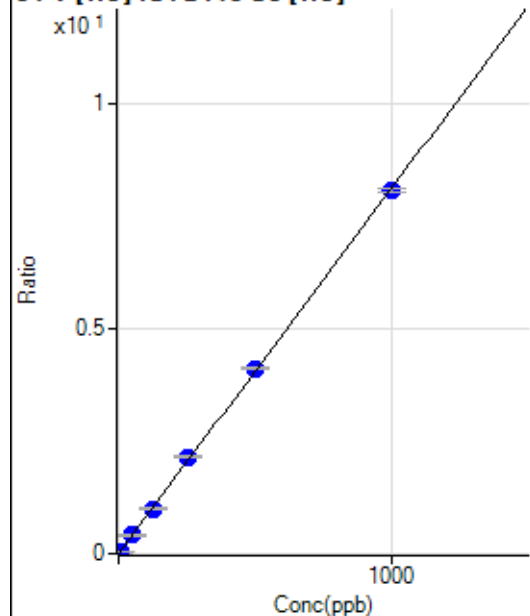
$$DL = 0.09247$$

$$BEC = 0.09385$$

Weight: <None>

Min Conc: 0

51 V [He] ISTD :45 Sc [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8.89	0.0001	P	22.0
2	☐	0.500	0.490	303.34	0.0041	P	4.7
3	☐	5.000	5.284	3054.82	0.0429	P	4.4
4	☐	50.000	50.492	29595.40	0.4092	P	3.3
5	☐	125.000	123.260	72834.23	0.9986	P	5.3
6	☐	250.000	263.700	140620.02	2.1363	P	1.8
7	☐	500.000	506.887	280943.89	4.1064	P	0.5
8	☐	1000.000	993.323	573719.79	8.0469	P	0.9
9	☐			146.67	0.0021	P	46.7

$$y = 0.0081 * x + 1.2470E-004$$

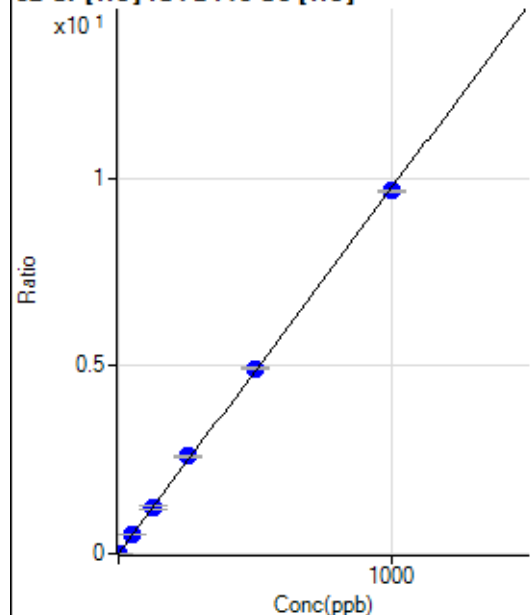
$$R = 0.9999$$

$$DL = 0.01018$$

$$BEC = 0.01539$$

Weight: <None>

Min Conc: 0

52 Cr [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	181.11	0.0025	P	15.4
2	☐	0.200	0.187	322.23	0.0044	P	14.1
3	☐	2.000	1.931	1516.77	0.0213	P	6.0
4	☐	50.000	50.678	35841.48	0.4954	P	2.1
5	☐	125.000	124.899	88720.36	1.2172	P	6.8
6	☐	250.000	266.387	170681.96	2.5932	P	2.4
7	☐	500.000	507.062	337551.43	4.9338	P	0.3
8	☐	1000.000	992.351	688223.79	9.6533	P	0.6
9	☐			5514.45	0.0773	P	2.2

$$y = 0.0097 * x + 0.0025$$

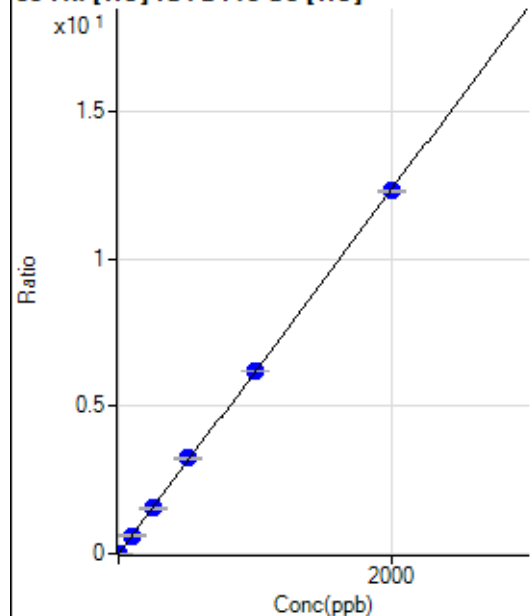
$$R = 0.9998$$

$$DL = 0.1203$$

$$BEC = 0.2612$$

Weight: <None>

Min Conc: 0

55 Mn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.56	0.0004	P	71.3
2	☐	0.100	0.092	68.89	0.0009	P	13.9
3	☐	1.000	0.910	425.57	0.0060	P	11.4
4	☐	100.000	99.232	44376.82	0.6134	P	2.6
5	☐	250.000	248.791	112116.16	1.5374	P	5.6
6	☐	500.000	525.863	213886.20	3.2493	P	1.5
7	☐	1000.000	1002.709	423856.87	6.1953	P	0.4
8	☐	2000.000	1992.369	877639.27	12.3096	P	0.3
9	☐			3700.53	0.0519	P	1.6

$$y = 0.0062 * x + 3.5735E-004$$

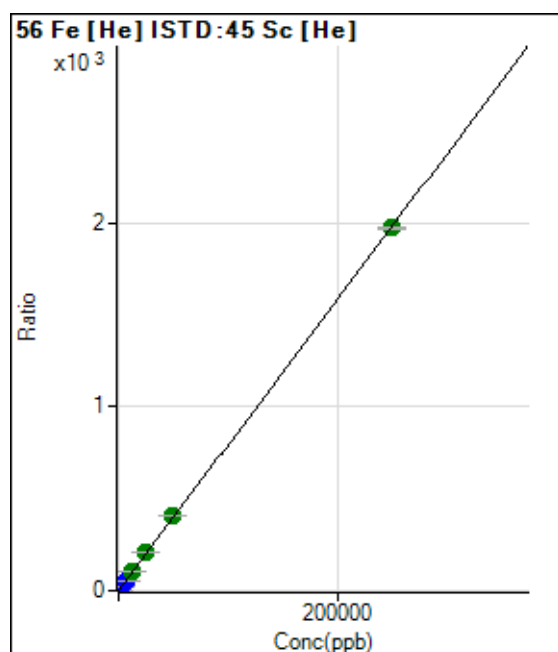
$$R = 0.9999$$

$$DL = 0.1238$$

$$BEC = 0.05784$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1329.73	0.0186	P	4.8
2	☐	5.000	5.019	4321.13	0.0584	P	6.8
3	☐	50.000	55.209	32406.70	0.4557	P	3.8
4	☐	2500.000	2651.001	1519167.84	21.0052	P	3.8
5	☐	6250.000	6533.852	3773649.25	51.7438	P	5.4
6	☐	12500.000	13742.060	7162027.59	108.8074	A	1.8
7	☐	25000.000	26282.266	14236057.38	208.0817	A	0.5
8	☐	50000.000	51277.039	28941916.62	405.9524	A	0.5
9	☐	250000.00	249545.65	140848123.5	1,975.542	A	0.3

$$y = 0.0079 * x + 0.0186$$

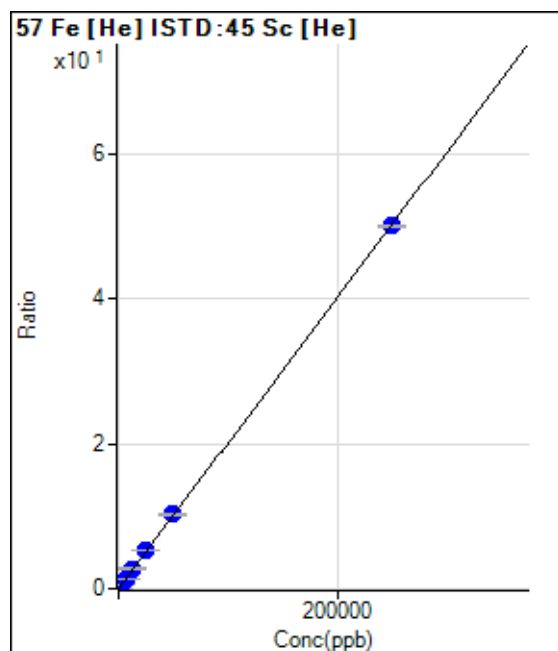
$$R = 1.0000$$

$$DL = 0.3412$$

$$BEC = 2.354$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	70.37	0.0010	P	67.0
2	☐	5.000	6.284	166.67	0.0022	P	10.1
3	☐	50.000	52.595	820.41	0.0115	P	7.0
4	☐	2500.000	2630.995	38252.22	0.5289	P	3.8
5	☐	6250.000	6534.161	95699.06	1.3121	P	5.2
6	☐	12500.000	13777.499	182036.80	2.7655	P	1.6
7	☐	25000.000	26264.736	360624.10	5.2711	P	0.4
8	☐	50000.000	51194.866	732388.40	10.2735	P	1.3
9	☐	250000.00	249562.26	3570247.33	50.0768	P	0.2

$$y = 2.0065E-004 * x + 9.8371E-004$$

$$R = 1.0000$$

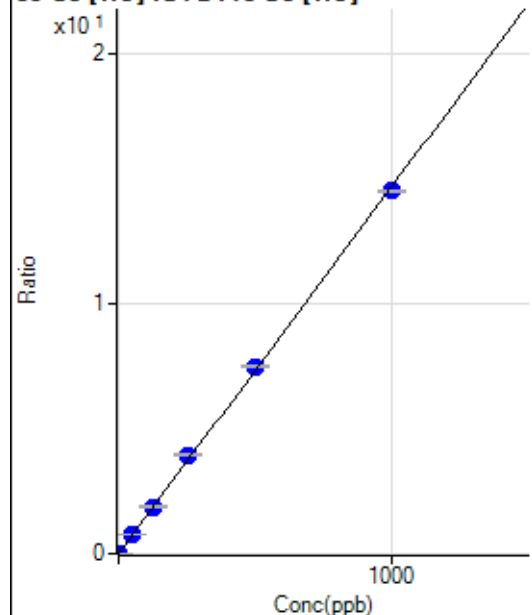
$$DL = 9.85$$

$$BEC = 4.903$$

Weight: <None>

Min Conc: 0

59 Co [He] ISTD:45 Sc [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	60.00	0.0008	P	24.3
2	☐	0.100	0.076	145.56	0.0020	P	8.9
3	☐	1.000	0.992	1094.51	0.0154	P	2.4
4	☐	50.000	51.798	55021.66	0.7606	P	2.6
5	☐	125.000	127.811	136741.89	1.8755	P	6.1
6	☐	250.000	268.612	259390.07	3.9407	P	1.7
7	☐	500.000	510.706	512549.29	7.4915	P	0.7
8	☐	1000.000	989.552	1034839.09	14.5149	P	0.5
9	☐			12795.72	0.1795	P	0.5

$$y = 0.0147 * x + 8.4119E-004$$

$$R = 0.9997$$

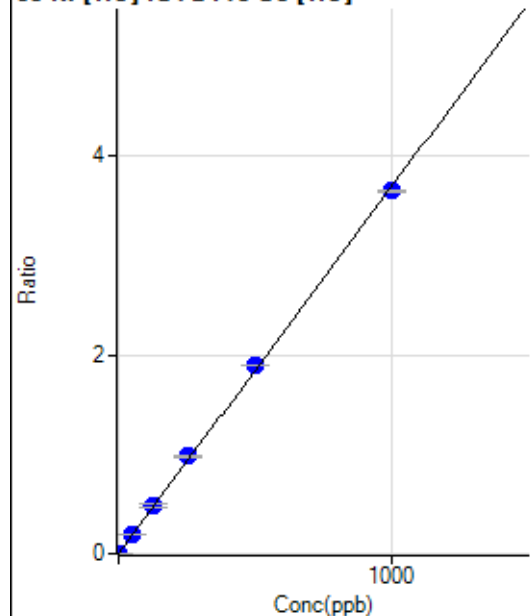
$$DL = 0.04179$$

$$BEC = 0.05735$$

Weight: <None>

Min Conc: 0

60 Ni [He] ISTD:45 Sc [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	43.33	0.0006	P	20.7
2	☐	0.100	0.059	61.11	0.0008	P	9.8
3	☐	1.000	0.914	283.34	0.0040	P	5.2
4	☐	50.000	51.853	13898.97	0.1921	P	1.9
5	☐	125.000	129.743	34965.07	0.4797	P	6.7
6	☐	250.000	266.664	64857.02	0.9852	P	1.7
7	☐	500.000	512.486	129503.31	1.8929	P	0.3
8	☐	1000.000	988.905	260366.98	3.6520	P	0.5
9	☐			3381.55	0.0474	P	2.0

$$y = 0.0037 * x + 6.0767E-004$$

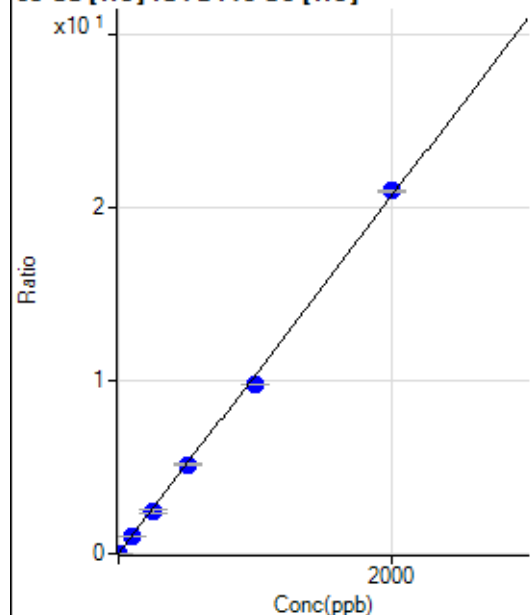
$$R = 0.9997$$

$$DL = 0.1021$$

$$BEC = 0.1646$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	180.00	0.0025	P	23.7
2	☐	0.200	0.197	337.79	0.0046	P	4.6
3	☐	2.000	1.919	1590.11	0.0224	P	2.8
4	☐	100.000	95.828	71827.32	0.9932	P	3.9
5	☐	250.000	236.780	178676.91	2.4503	P	5.7
6	☐	500.000	499.018	339747.31	5.1613	P	1.4
7	☐	1000.000	943.334	667369.10	9.7546	P	0.1
8	☐	2000.000	2030.440	1496711.92	20.9929	P	0.3
9	☐			2067.96	0.0290	P	6.5

$$y = 0.0103 * x + 0.0025$$

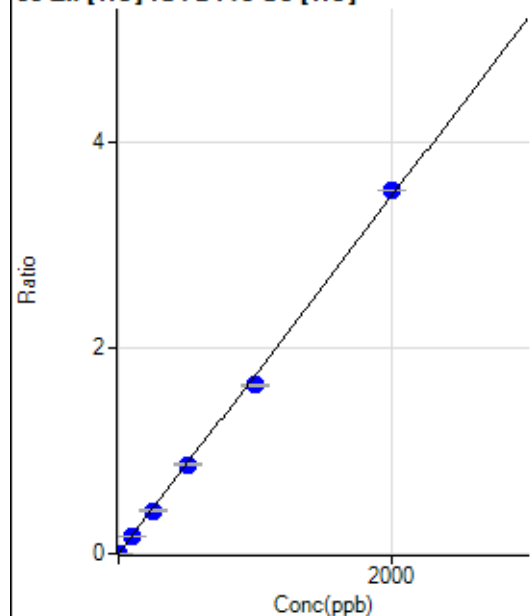
$$R = 0.9994$$

$$DL = 0.1732$$

$$BEC = 0.2438$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	81.11	0.0011	P	11.9
2	☐	0.200	-0.038	80.00	0.0011	P	29.5
3	☐	2.000	2.076	337.79	0.0047	P	4.5
4	☐	100.000	96.511	12223.05	0.1690	P	3.7
5	☐	250.000	237.675	30228.13	0.4145	P	5.5
6	☐	500.000	499.879	57299.98	0.8705	P	2.1
7	☐	1000.000	942.629	112241.60	1.6406	P	0.5
8	☐	2000.000	2030.431	251860.14	3.5325	P	0.1
9	☐			2179.08	0.0306	P	1.1

$$y = 0.0017 * x + 0.0011$$

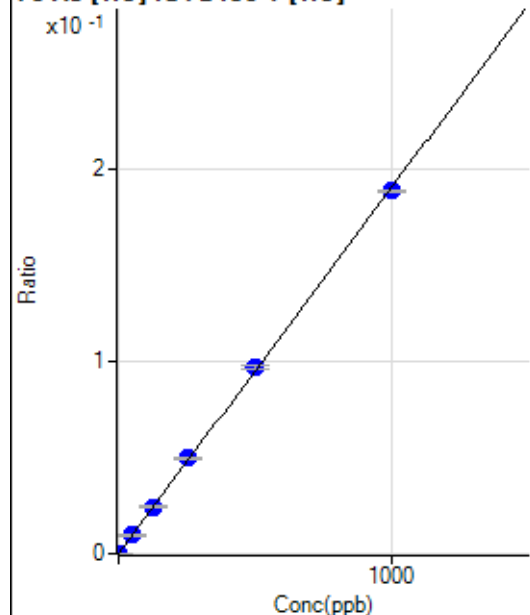
$$R = 0.9994$$

$$DL = 0.2334$$

$$BEC = 0.6533$$

Weight: <None>

Min Conc: 0

75 As [He] ISTD:89 Y [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2.47	0.0000	P	42.9
2	☐	0.100	0.213	18.52	0.0000	P	30.0
3	☐	1.000	0.828	62.97	0.0002	P	5.8
4	☐	50.000	50.901	3785.71	0.0097	P	4.6
5	☐	125.000	128.597	9521.08	0.0245	P	5.8
6	☐	250.000	262.263	17987.73	0.0499	P	1.8
7	☐	500.000	510.090	36272.31	0.0971	P	1.4
8	☐	1000.000	991.395	73521.44	0.1888	P	0.9
9	☐			112.96	0.0003	P	16.2

$$y = 1.9043\text{E-}004 * x + 6.3786\text{E-}006$$

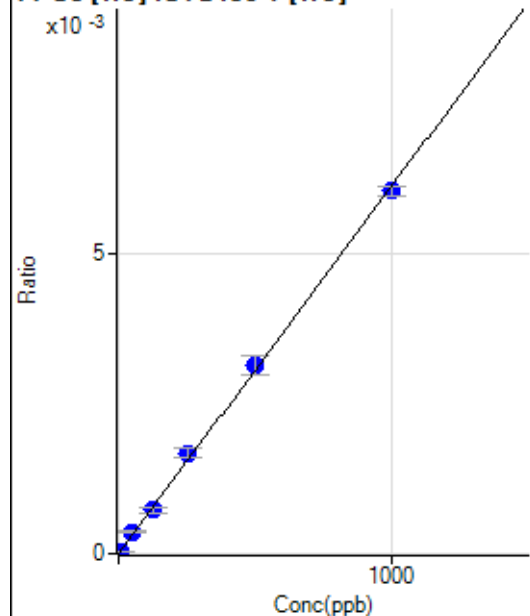
$$R = 0.9998$$

$$DL = 0.04314$$

$$BEC = 0.0335$$

Weight: <None>

Min Conc: 0

77 Se [He] ISTD:89 Y [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500	0.000	0.00	0.0000	P	
3	☐	5.000	5.189	12.22	0.0000	P	16.2
4	☐	50.000	59.400	142.22	0.0004	P	11.6
5	☐	125.000	118.847	283.34	0.0007	P	10.7
6	☐	250.000	273.466	604.47	0.0017	P	9.6
7	☐	500.000	513.428	1176.74	0.0032	P	10.6
8	☐	1000.000	987.718	2361.34	0.0061	P	2.7
9	☐			1.11	0.0000	P	173.

$$y = 6.1390\text{E-}006 * x + 0.0000\text{E+}000$$

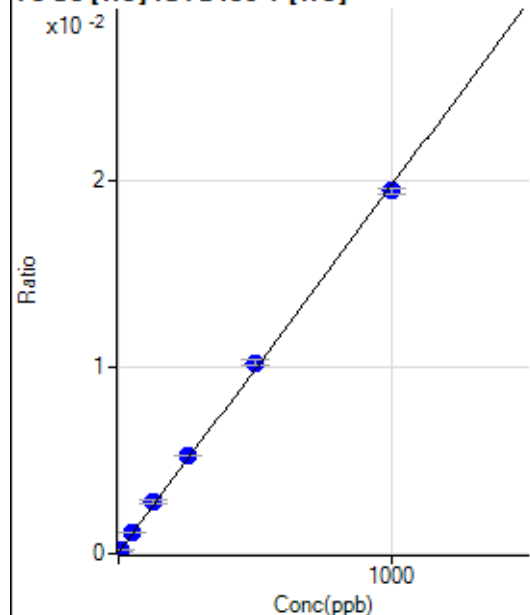
$$R = 0.9995$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

78 Se [He] ISTD:89 Y [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	23.46	0.0001	P	24.4
2	☐	0.500	0.011	24.07	0.0001	P	26.0
3	☐	5.000	5.475	64.82	0.0002	P	14.3
4	☐	50.000	54.100	440.75	0.0011	P	6.1
5	☐	125.000	137.555	1078.44	0.0028	P	5.7
6	☐	250.000	265.366	1906.94	0.0053	P	0.9
7	☐	500.000	518.139	3838.19	0.0103	P	2.9
8	☐	1000.000	985.312	7592.79	0.0195	P	1.3
9	☐			27.16	0.0001	P	14.2

$$y = 1.9722\text{E-}005 * x + 6.0740\text{E-}005$$

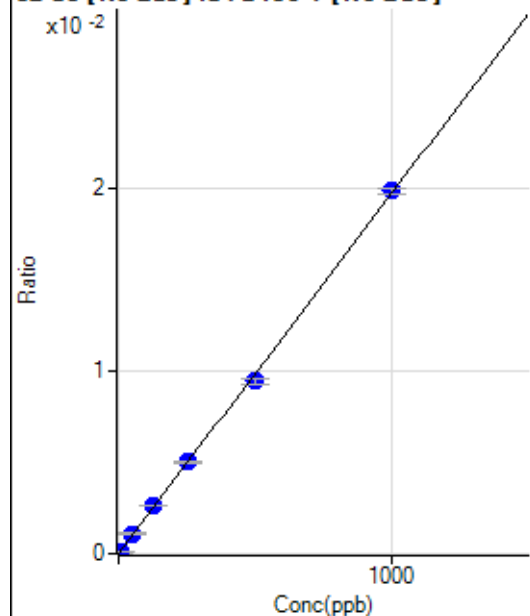
$$R = 0.9996$$

$$DL = 2.252$$

$$BEC = 3.08$$

Weight: <None>

Min Conc: 0

82 Se [No Gas] ISTD:89 Y [No Gas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.13	0.0000	P	175.
2	☐	0.500	0.994	66.71	0.0000	P	30.1
3	☐	5.000	5.370	294.86	0.0001	P	7.3
4	☐	50.000	54.921	2647.52	0.0011	P	6.9
5	☐	125.000	133.260	6640.92	0.0026	P	1.8
6	☐	250.000	254.336	12883.72	0.0050	P	3.4
7	☐	500.000	479.459	24904.75	0.0094	P	3.1
8	☐	1000.000	1007.906	50290.58	0.0198	P	1.7
9	☐			75.92	0.0000	P	55.1

$$y = 1.9650\text{E-}005 * x + 6.1046\text{E-}006$$

$$R = 0.9997$$

$$DL = 1.635$$

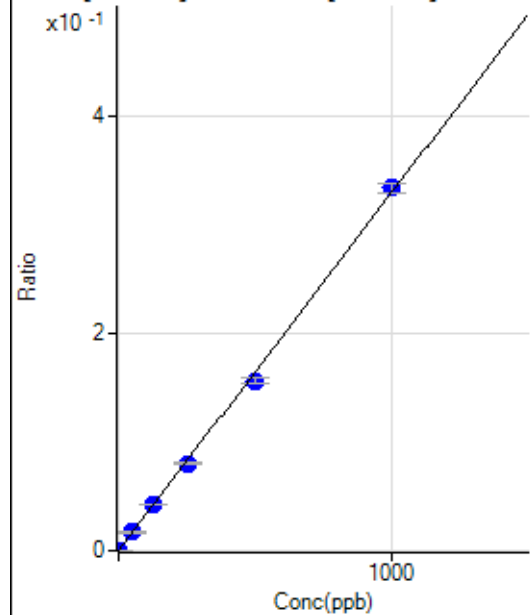
$$BEC = 0.3107$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			148.89		P	22.1
2	☐			141.11		P	10.7
3	☐			138.89		P	10.0
4	☐			140.00		P	6.3
5	☐			127.78		P	8.0
6	☐			115.56		P	11.7
7	☐			155.56		P	15.8
8	☐			144.45		P	20.2
9	☐			127.78		P	20.9

86 Sr [No Gas] ISTD : 89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	236.12	0.0001	P	9.2
2	☐	0.100	0.088	305.57	0.0001	P	21.1
3	☐	1.000	1.000	1102.87	0.0004	P	14.8
4	☐	50.000	52.702	42463.79	0.0174	P	7.3
5	☐	125.000	127.894	106573.69	0.0421	P	1.5
6	☐	250.000	243.496	206307.58	0.0801	P	2.9
7	☐	500.000	474.323	412006.54	0.1560	P	3.8
8	☐	1000.000	1013.968	846111.63	0.3333	P	2.6
9	☐			3436.67	0.0014	P	9.7

$$y = 3.2865E-004 * x + 8.8249E-005$$

$$R = 0.9995$$

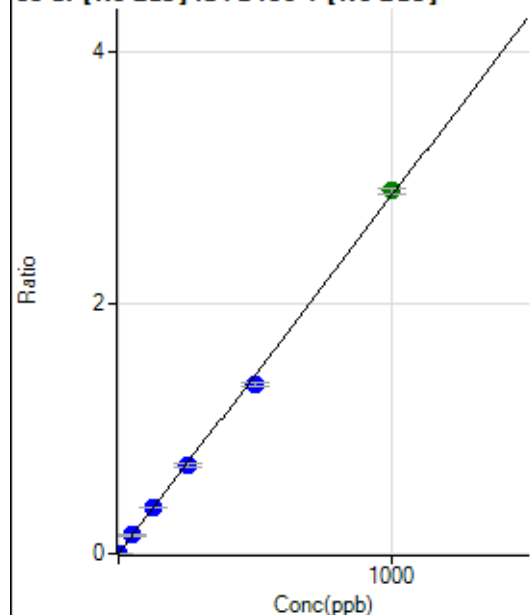
$$DL = 0.07433$$

$$BEC = 0.2685$$

Weight: <None>

Min Conc: 0

88 Sr [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.44	0.0000	P	63.7
2	☐	0.100	0.095	730.60	0.0003	P	4.3
3	☐	1.000	0.904	6835.22	0.0026	P	1.6
4	☐	50.000	52.913	368196.77	0.1509	P	7.2
5	☐	125.000	127.538	920500.72	0.3638	P	0.9
6	☐	250.000	246.266	1808764.27	0.7025	P	3.4
7	☐	500.000	473.094	3565284.20	1.3495	P	2.7
8	☐	1000.000	1013.923	7341777.59	2.8922	A	1.9
9	☐			28710.09	0.0118	P	5.1

$$y = 0.0029 * x + 7.2064E-006$$

$$R = 0.9995$$

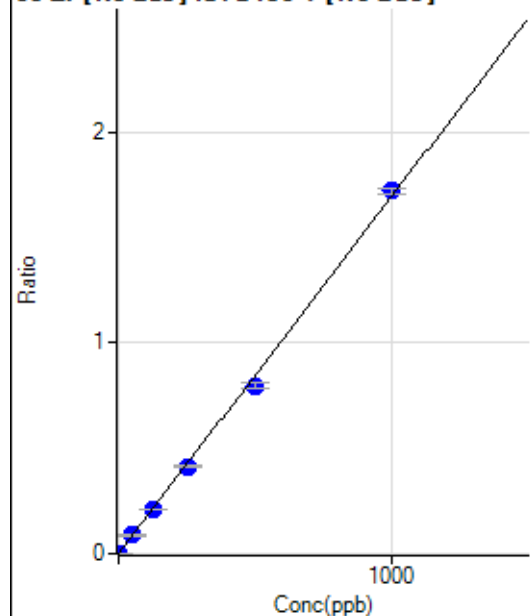
$$DL = 0.004827$$

$$BEC = 0.002526$$

Weight: <None>

Min Conc: 0

90 Zr [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	191.67	0.0001	P	53.8
2	☐	0.100	0.082	550.03	0.0002	P	17.4
3	☐	1.000	0.889	4170.21	0.0016	P	3.3
4	☐	50.000	52.149	215829.92	0.0884	P	5.7
5	☐	125.000	125.944	540148.82	0.2135	P	0.8
6	☐	250.000	244.561	1067038.69	0.4145	P	3.9
7	☐	500.000	469.610	2102234.90	0.7958	P	3.2
8	☐	1000.000	1016.329	4371684.60	1.7221	P	1.8
9	☐			1389.01	0.0006	P	12.0

$$y = 0.0017 * x + 7.1400E-005$$

$$R = 0.9993$$

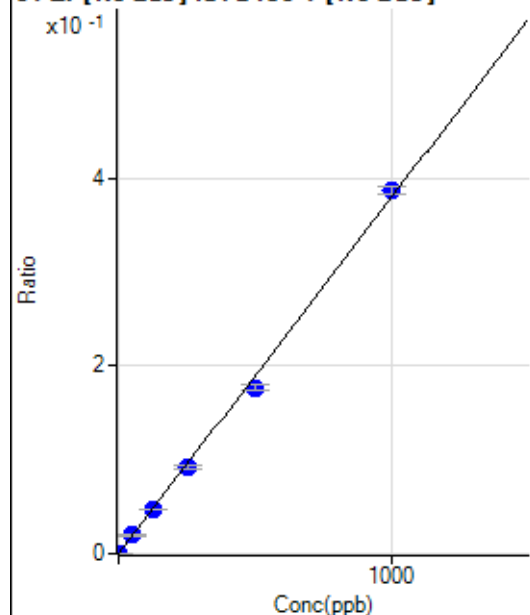
$$DL = 0.06801$$

$$BEC = 0.04214$$

Weight: <None>

Min Conc: 0

91 Zr [No Gas] ISTD: 89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.11	0.0000	P	47.0
2	☐	0.100	0.093	127.78	0.0000	P	5.0
3	☐	1.000	0.889	925.07	0.0004	P	5.5
4	☐	50.000	52.194	48324.37	0.0198	P	6.8
5	☐	125.000	125.165	120145.59	0.0475	P	2.4
6	☐	250.000	244.031	238286.92	0.0926	P	4.3
7	☐	500.000	466.144	467081.68	0.1768	P	2.9
8	☐	1000.000	1018.290	980352.27	0.3862	P	2.0
9	☐			341.69	0.0001	P	13.1

$$y = 3.7925E-004 * x + 1.3430E-005$$

$$R = 0.9992$$

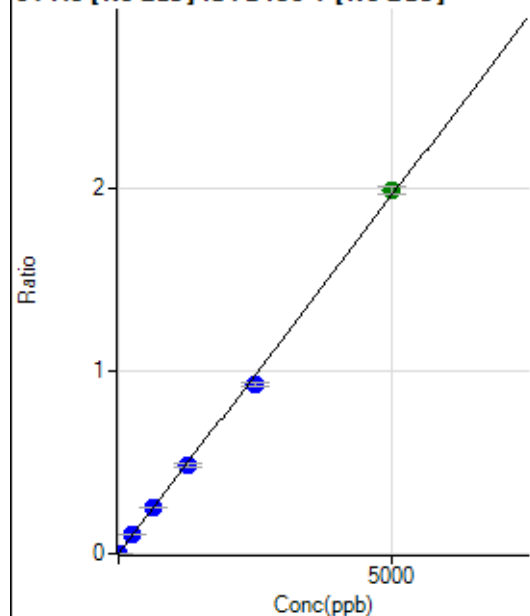
$$DL = 0.04997$$

$$BEC = 0.03541$$

Weight: <None>

Min Conc: 0

94 Mo [No Gas] ISTD: 89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	77.78	0.0000	P	4.6
2	☐	0.500	0.478	566.71	0.0002	P	11.6
3	☐	5.000	4.580	4823.24	0.0018	P	2.5
4	☐	250.000	264.167	252788.01	0.1036	P	6.8
5	☐	625.000	636.713	631755.07	0.2497	P	1.4
6	☐	1250.000	1236.619	1248605.16	0.4849	P	3.5
7	☐	2500.000	2364.885	2449736.75	0.9273	P	3.3
8	☐	5000.000	5068.730	5045282.32	1.9876	A	2.2
9	☐			2919.87	0.0012	P	9.3

$$y = 3.9212E-004 * x + 2.9086E-005$$

$$R = 0.9995$$

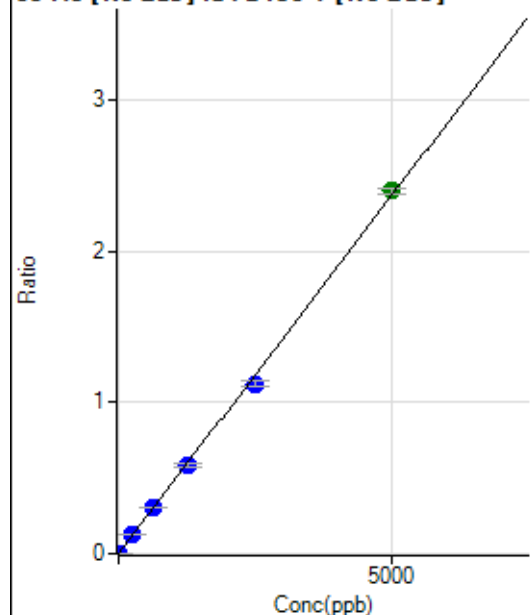
$$DL = 0.01015$$

$$BEC = 0.07418$$

Weight: <None>

Min Conc: 0

95 Mo [No Gas] ISTD:89 Y [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	15.7
2	☐	0.500	0.485	636.15	0.0002	P	11.5
3	☐	5.000	4.508	5665.23	0.0021	P	1.1
4	☐	250.000	264.784	305422.10	0.1252	P	6.4
5	☐	625.000	639.479	764786.80	0.3023	P	1.6
6	☐	1250.000	1234.465	1502246.43	0.5835	P	4.0
7	☐	2500.000	2365.379	2953556.90	1.1181	P	3.4
8	☐	5000.000	5068.646	6081820.93	2.3958	A	1.8
9	☐			3911.82	0.0016	P	5.8

$$y = 4.7268\text{E-}004 * x + 1.3540\text{E-}005$$

$$R = 0.9995$$

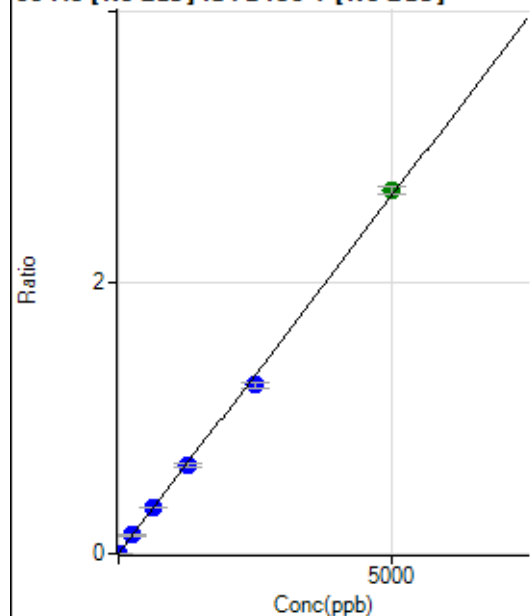
$$DL = 0.01349$$

$$BEC = 0.02865$$

Weight: <None>

Min Conc: 0

96 Mo [No Gas] ISTD:89 Y [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.22	0.0000	P	46.0
2	☐	0.500	0.512	750.05	0.0003	P	18.6
3	☐	5.000	4.884	6851.95	0.0026	P	3.3
4	☐	250.000	263.719	339527.50	0.1392	P	6.6
5	☐	625.000	636.887	850273.45	0.3361	P	1.2
6	☐	1250.000	1235.059	1677896.89	0.6517	P	3.5
7	☐	2500.000	2359.670	3289109.12	1.2450	P	3.1
8	☐	5000.000	5071.729	6792889.21	2.6760	A	2.0
9	☐			5584.67	0.0023	P	7.0

$$y = 5.2763\text{E-}004 * x + 1.7740\text{E-}005$$

$$R = 0.9994$$

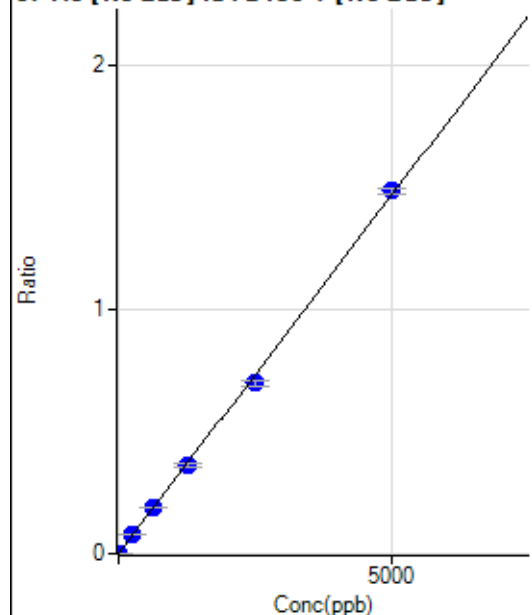
$$DL = 0.04635$$

$$BEC = 0.03362$$

Weight: <None>

Min Conc: 0

97 Mo [No Gas] ISTD:89 Y [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0000	P	67.3
2	☐	0.500	0.381	305.57	0.0001	P	10.2
3	☐	5.000	4.716	3664.52	0.0014	P	7.4
4	☐	250.000	264.158	189093.11	0.0775	P	6.4
5	☐	625.000	641.147	475887.59	0.1881	P	1.0
6	☐	1250.000	1237.834	934948.60	0.3631	P	3.6
7	☐	2500.000	2375.884	1841343.33	0.6970	P	2.7
8	☐	5000.000	5062.374	3769822.31	1.4850	P	1.6
9	☐			2578.11	0.0011	P	8.3

$$y = 2.9335E-004 * x + 5.1535E-006$$

$$R = 0.9996$$

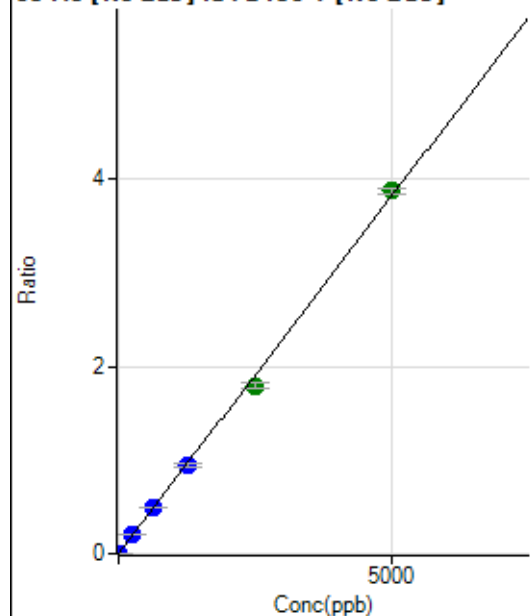
$$DL = 0.03549$$

$$BEC = 0.01757$$

Weight: <None>

Min Conc: 0

98 Mo [No Gas] ISTD:89 Y [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.67	0.0000	P	38.8
2	☐	0.500	0.452	941.74	0.0004	P	10.7
3	☐	5.000	4.794	9698.09	0.0037	P	0.7
4	☐	250.000	264.142	491539.83	0.2014	P	6.3
5	☐	625.000	634.936	1225131.41	0.4842	P	0.7
6	☐	1250.000	1232.440	2419886.36	0.9398	P	3.5
7	☐	2500.000	2351.080	4736492.12	1.7929	A	2.9
8	☐	5000.000	5076.901	9827948.57	3.8715	A	1.5
9	☐			6498.98	0.0027	P	8.6

$$y = 7.6257E-004 * x + 1.5561E-005$$

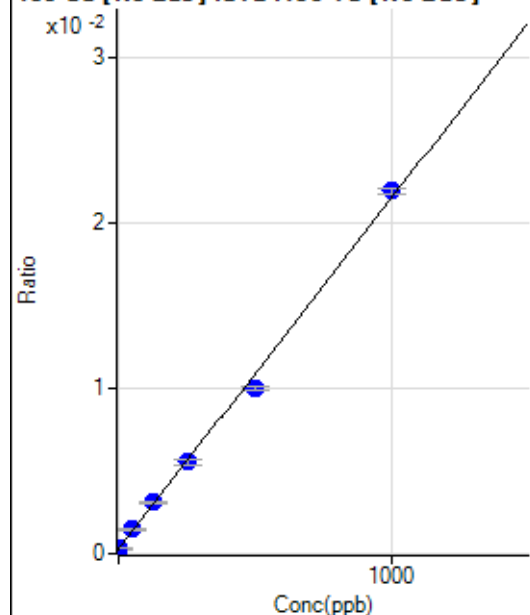
$$R = 0.9994$$

$$DL = 0.02378$$

$$BEC = 0.02041$$

Weight: <None>

Min Conc: 0

106 Cd [No Gas] ISTD :159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1033.42	0.0003	P	1.6
2	☐	0.100	1.471	1122.31	0.0003	P	13.0
3	☐	1.000	2.377	1205.66	0.0003	P	6.9
4	☐	50.000	57.036	4964.98	0.0015	P	6.7
5	☐	125.000	133.215	10801.75	0.0031	P	4.1
6	☐	250.000	247.008	19842.22	0.0055	P	6.8
7	☐	500.000	457.687	37556.24	0.0100	P	2.2
8	☐	1000.000	1020.524	79599.03	0.0220	P	1.7
9	☐			986.20	0.0003	P	14.1

$$y = 2.1236\text{E-}005 * x + 2.8674\text{E-}004$$

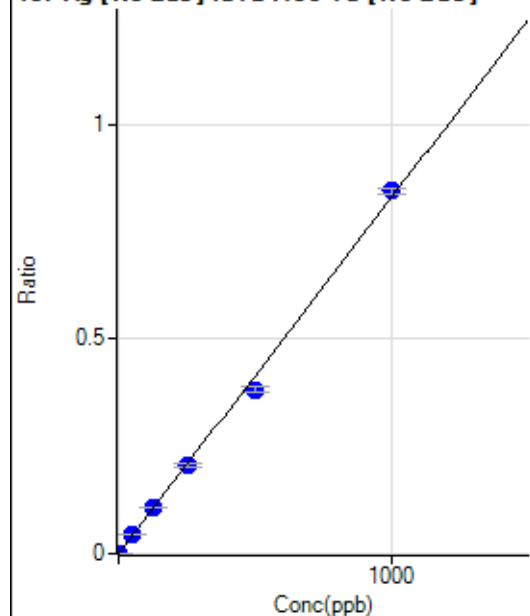
$$R = 0.9987$$

$$DL = 0.6514$$

$$BEC = 13.5$$

Weight: <None>

Min Conc: 0

107 Ag [No Gas] ISTD :159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	63.89	0.0000	P	33.4
2	☐	0.100	0.078	291.68	0.0001	P	24.7
3	☐	1.000	0.838	2544.78	0.0007	P	3.7
4	☐	50.000	54.909	151033.12	0.0456	P	5.7
5	☐	125.000	131.332	377784.49	0.1090	P	0.5
6	☐	250.000	248.074	738817.83	0.2059	P	4.0
7	☐	500.000	461.374	1436530.67	0.3828	P	3.6
8	☐	1000.000	1018.758	3064342.69	0.8453	P	1.5
9	☐			394.47	0.0001	P	5.8

$$y = 8.2975\text{E-}004 * x + 1.7787\text{E-}005$$

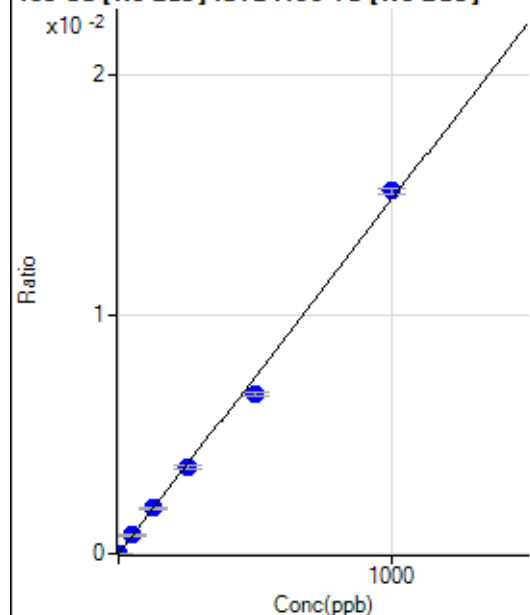
$$R = 0.9989$$

$$DL = 0.02148$$

$$BEC = 0.02144$$

Weight: <None>

Min Conc: 0

108 Cd [No Gas] ISTD:159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.78	0.0000	P	173.
2	☐	0.100	0.105	8.33	0.0000	P	49.1
3	☐	1.000	0.628	36.11	0.0000	P	23.1
4	☐	50.000	52.785	2587.79	0.0008	P	12.2
5	☐	125.000	127.827	6561.36	0.0019	P	4.4
6	☐	250.000	244.116	12978.38	0.0036	P	2.8
7	☐	500.000	451.953	25114.19	0.0067	P	2.9
8	☐	1000.000	1025.002	55014.88	0.0152	P	1.8
9	☐			15.28	0.0000	P	50.7

$$y = 1.4806E-005 * x + 7.9652E-007$$

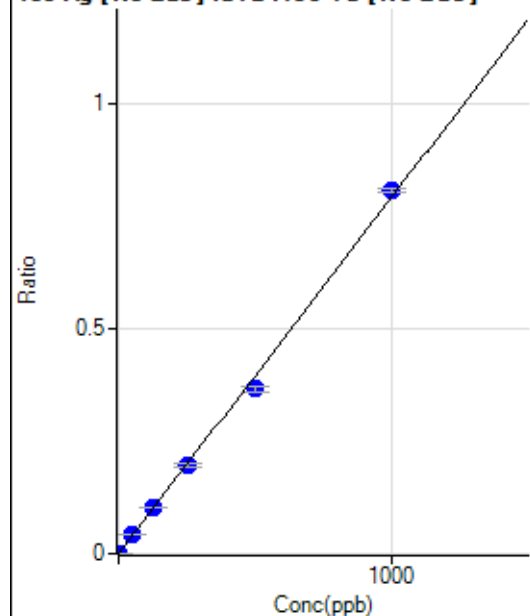
$$R = 0.9984$$

$$DL = 0.2795$$

$$BEC = 0.0538$$

Weight: <None>

Min Conc: 0

109 Ag [No Gas] ISTD:159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	68.2
2	☐	0.100	0.108	338.91	0.0001	P	14.9
3	☐	1.000	0.841	2416.97	0.0007	P	3.7
4	☐	50.000	54.643	143291.20	0.0433	P	7.3
5	☐	125.000	130.793	358912.73	0.1035	P	0.9
6	☐	250.000	248.828	707166.91	0.1970	P	2.9
7	☐	500.000	461.617	1371308.16	0.3654	P	3.1
8	☐	1000.000	1018.528	2922876.06	0.8063	P	1.0
9	☐			363.91	0.0001	P	17.5

$$y = 7.9161E-004 * x + 1.0939E-005$$

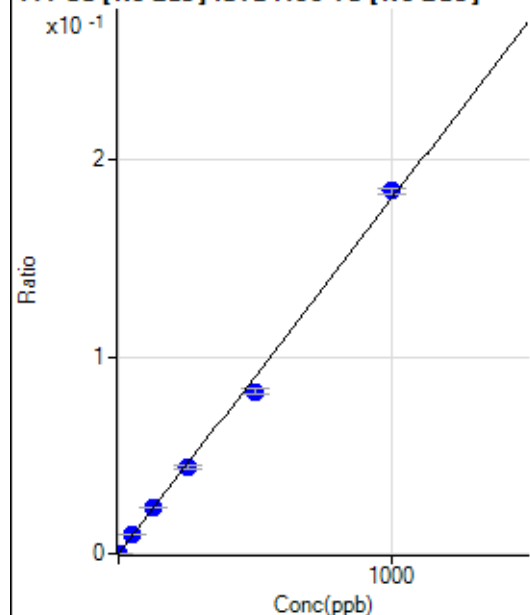
$$R = 0.9989$$

$$DL = 0.02828$$

$$BEC = 0.01382$$

Weight: <None>

Min Conc: 0

111 Cd [No Gas] ISTD :159 Tb [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	210.30	0.0001	P	3.6
2	☐	0.100	0.128	286.69	0.0001	P	9.9
3	☐	1.000	0.982	840.88	0.0002	P	4.8
4	☐	50.000	53.771	32291.45	0.0097	P	6.5
5	☐	125.000	127.950	80119.37	0.0231	P	1.0
6	☐	250.000	244.156	158108.90	0.0441	P	3.7
7	☐	500.000	456.248	308689.96	0.0823	P	3.5
8	☐	1000.000	1022.780	668254.52	0.1843	P	1.6
9	☐			290.72	0.0001	P	11.7

$$y = 1.8018\text{E-}004 * x + 5.8331\text{E-}005$$

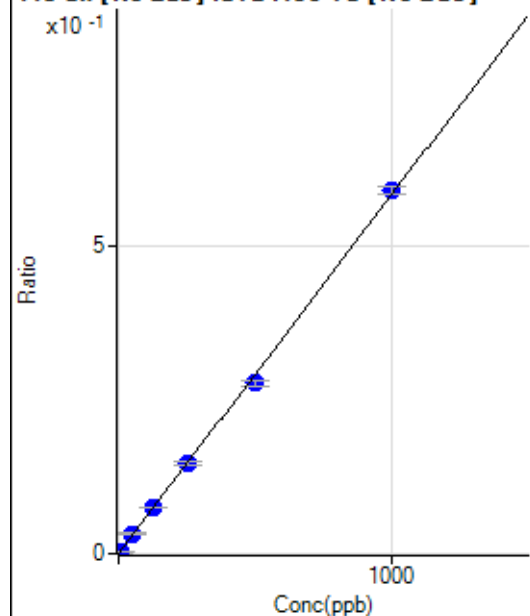
$$R = 0.9986$$

$$DL = 0.03448$$

$$BEC = 0.3237$$

Weight: <None>

Min Conc: 0

118 Sn [No Gas] ISTD :159 Tb [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0000	P	26.7
2	☐	0.500	0.509	1147.32	0.0003	P	1.0
3	☐	5.000	4.918	10348.68	0.0029	P	3.6
4	☐	50.000	54.506	105408.12	0.0318	P	6.4
5	☐	125.000	130.727	264367.08	0.0763	P	0.1
6	☐	250.000	252.132	527851.45	0.1471	P	3.9
7	☐	500.000	475.295	1040174.63	0.2772	P	3.6
8	☐	1000.000	1010.879	2137096.18	0.5896	P	2.1
9	☐			1591.83	0.0005	P	8.7

$$y = 5.8319\text{E-}004 * x + 2.9374\text{E-}005$$

$$R = 0.9995$$

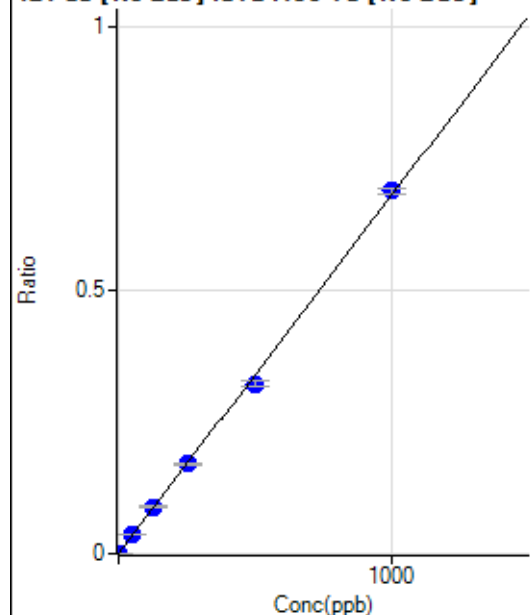
$$DL = 0.04038$$

$$BEC = 0.05037$$

Weight: <None>

Min Conc: 0

121 Sb [No Gas] ISTD :159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	86.7
2	☐	0.200	0.193	472.25	0.0001	P	15.6
3	☐	2.000	1.831	4464.77	0.0012	P	4.6
4	☐	50.000	53.698	121105.70	0.0365	P	5.7
5	☐	125.000	131.265	309647.40	0.0893	P	0.5
6	☐	250.000	249.658	609833.78	0.1699	P	3.6
7	☐	500.000	473.068	1208063.30	0.3219	P	3.3
8	☐	1000.000	1012.584	2497935.86	0.6891	P	1.9
9	☐			3683.97	0.0011	P	11.1

$$y = 6.8053\text{E-}004 * x + 3.0997\text{E-}006$$

$$R = 0.9995$$

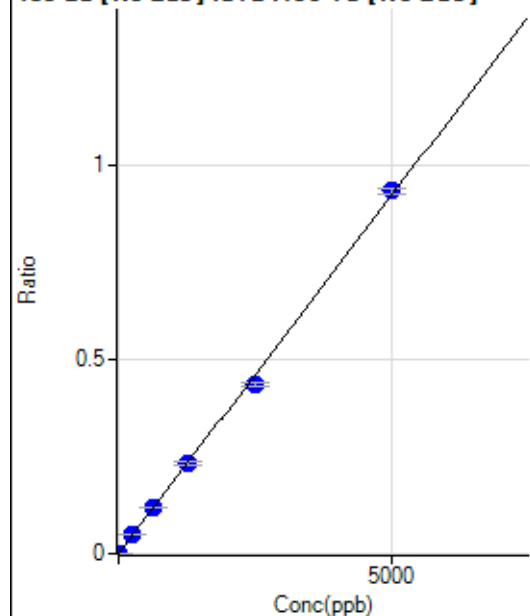
$$DL = 0.01185$$

$$BEC = 0.004555$$

Weight: <None>

Min Conc: 0

135 Ba [No Gas] ISTD :159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0000	P	68.5
2	☐	1.000	1.066	705.60	0.0002	P	6.2
3	☐	10.000	9.338	6176.66	0.0017	P	4.8
4	☐	250.000	271.001	165969.02	0.0501	P	6.1
5	☐	625.000	653.772	418853.04	0.1208	P	1.1
6	☐	1250.000	1249.458	828814.20	0.2309	P	4.2
7	☐	2500.000	2362.021	1638287.98	0.4366	P	3.2
8	☐	5000.000	5064.480	3393259.12	0.9361	P	1.8
9	☐			641.71	0.0002	P	5.0

$$y = 1.8483\text{E-}004 * x + 3.8431\text{E-}006$$

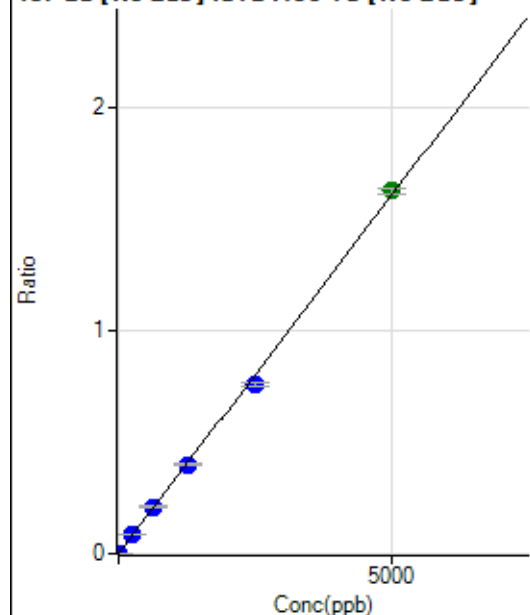
$$R = 0.9994$$

$$DL = 0.04274$$

$$BEC = 0.02079$$

Weight: <None>

Min Conc: 0

137 Ba [No Gas] ISTD : 159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	19.44	0.0000	P	50.7
2	☐	1.000	0.976	1125.09	0.0003	P	5.9
3	☐	10.000	8.950	10295.93	0.0029	P	2.7
4	☐	250.000	271.631	289314.81	0.0874	P	7.2
5	☐	625.000	653.737	728684.27	0.2102	P	1.3
6	☐	1250.000	1247.307	1439543.84	0.4011	P	4.2
7	☐	2500.000	2366.019	2855333.13	0.7609	P	3.0
8	☐	5000.000	5062.992	5902070.62	1.6282	A	1.7
9	☐			1136.21	0.0003	P	13.0

$$y = 3.2158\text{E-}004 * x + 5.4371\text{E-}006$$

$$R = 0.9995$$

$$DL = 0.02573$$

$$BEC = 0.01691$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			0.00		P	
4	☐			20.00		P	33.4
5	☐			37.78		P	27.0
6	☐			91.12		P	22.4
7	☐			151.12		P	20.8
8	☐			295.57		P	5.7
9	☐			35.56		P	39.0

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			0.00		P	
4	☐			2.22		P	86.6
5	☐			6.67		P	100.
6	☐			6.67		P	86.6
7	☐			16.67		P	NaN
8	☐			33.33		P	20.0
9	☐			30.00		P	19.2

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.78		P	173.
2	☐			8.33		P	100.
3	☐			5.55		P	86.6
4	☐			5.55		P	86.6
5	☐			16.66		P	86.6
6	☐			13.89		P	173.
7	☐			30.56		P	41.7
8	☐			55.56		P	62.4
9	☐			27.78		P	34.6

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			1.11		P	173.
4	☐			6.67		P	0.0
5	☐			10.00		P	0.0
6	☐			15.55		P	68.9
7	☐			36.67		P	24.0
8	☐			83.34		P	48.0
9	☐			14.44		P	35.3

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	86.6
2	☐			19.45		P	24.7
3	☐			13.89		P	124.
4	☐			5.55		P	86.6
5	☐			25.00		P	88.2
6	☐			8.33		P	100.
7	☐			11.11		P	43.3
8	☐			16.67		P	50.0
9	☐			36.11		P	26.7

160 Gd [He] No available calibration points

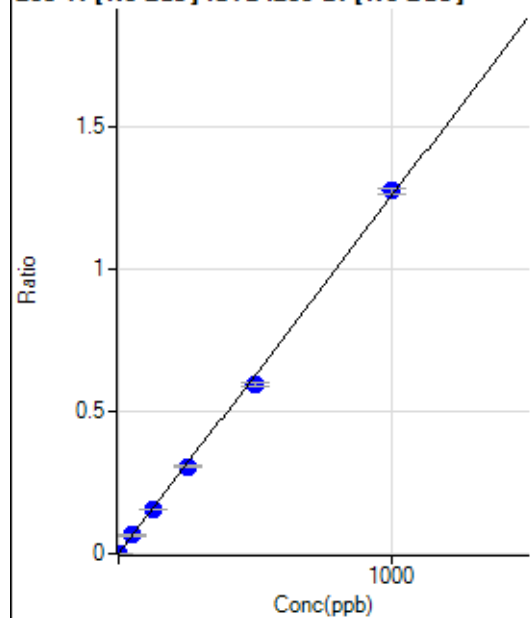
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			52.22		P	13.3
2	☐			70.00		P	0.0
3	☐			62.22		P	13.5
4	☐			65.56		P	25.1
5	☐			68.89		P	19.6
6	☐			56.67		P	41.2
7	☐			67.78		P	43.0
8	☐			70.00		P	8.2
9	☐			73.34		P	18.2

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.78		P	173.
2	☐			19.44		P	49.5
3	☐			11.11		P	43.3
4	☐			5.56		P	173.
5	☐			8.33		P	0.0
6	☐			8.33		P	100.
7	☐			22.22		P	43.3
8	☐			25.00		P	66.7
9	☐			27.78		P	45.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐			6.67		P	132.
3	☐			7.78		P	99.0
4	☐			7.78		P	99.0
5	☐			6.67		P	132.
6	☐			4.44		P	43.4
7	☐			5.56		P	91.6
8	☐			6.67		P	50.0
9	☐			12.22		P	103.

203 Tl [No Gas] ISTD :209 Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	86.11	0.0000	P	49.6
2	☐	0.100	0.081	330.57	0.0001	P	12.5
3	☐	1.000	0.852	2680.94	0.0011	P	4.6
4	☐	50.000	51.927	147076.60	0.0654	P	5.5
5	☐	125.000	125.632	371410.43	0.1581	P	0.5
6	☐	250.000	244.564	750034.58	0.3077	P	3.5
7	☐	500.000	472.908	1493808.60	0.5950	P	2.7
8	☐	1000.000	1014.730	3049450.13	1.2767	P	1.4
9	☐			952.86	0.0005	P	8.0

$$y = 0.0013 * x + 3.5336E-005$$

$$R = 0.9995$$

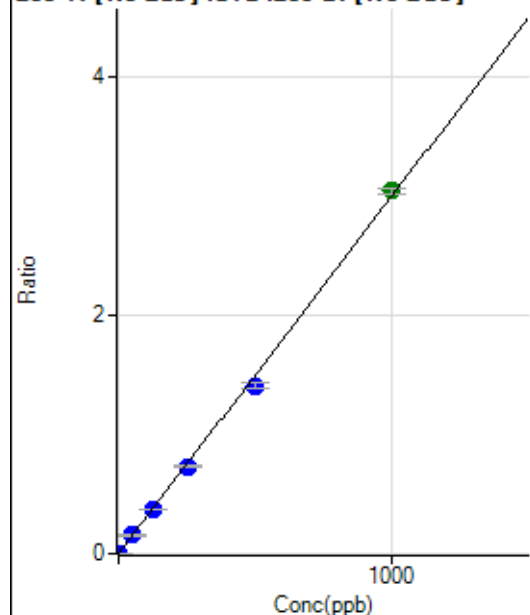
$$DL = 0.04181$$

$$BEC = 0.02809$$

Weight: <None>

Min Conc: 0

205 Tl [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	169.45	0.0001	P	18.7
2	☐	0.100	0.086	786.17	0.0003	P	11.1
3	☐	1.000	0.859	6410.14	0.0026	P	8.6
4	☐	50.000	51.592	348497.17	0.1549	P	5.4
5	☐	125.000	124.535	878031.76	0.3737	P	0.6
6	☐	250.000	244.620	1789189.10	0.7341	P	3.5
7	☐	500.000	470.693	3545844.83	1.4124	P	3.0
8	☐	1000.000	1015.977	7281613.53	3.0486	A	1.9
9	☐			2447.55	0.0012	P	9.7

$$y = 0.0030 * x + 6.9615E-005$$

$$R = 0.9994$$

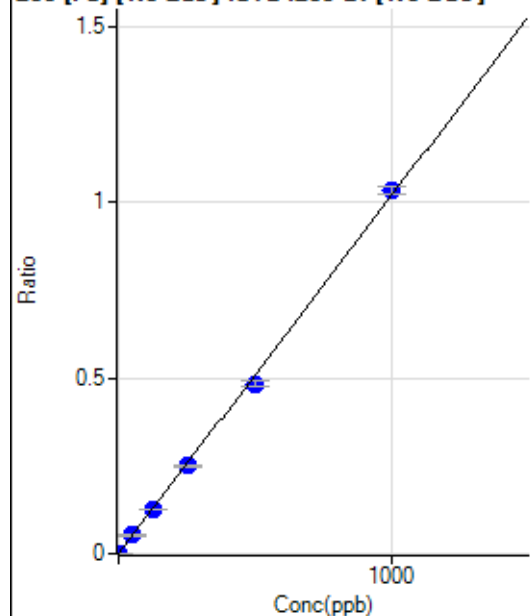
$$DL = 0.01299$$

$$BEC = 0.0232$$

Weight: <None>

Min Conc: 0

206 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	127.78	0.0001	P	31.1
2	☐	0.100	0.097	364.83	0.0002	P	7.3
3	☐	1.000	0.919	2398.43	0.0010	P	2.5
4	☐	50.000	52.327	120206.10	0.0534	P	5.3
5	☐	125.000	125.293	300305.70	0.1278	P	1.0
6	☐	250.000	245.741	611030.19	0.2507	P	3.2
7	☐	500.000	475.230	1216909.10	0.4847	P	2.8
8	☐	1000.000	1013.297	2468436.46	1.0335	P	2.1
9	☐			2811.49	0.0013	P	6.6

$$y = 0.0010 * x + 5.2464E-005$$

$$R = 0.9996$$

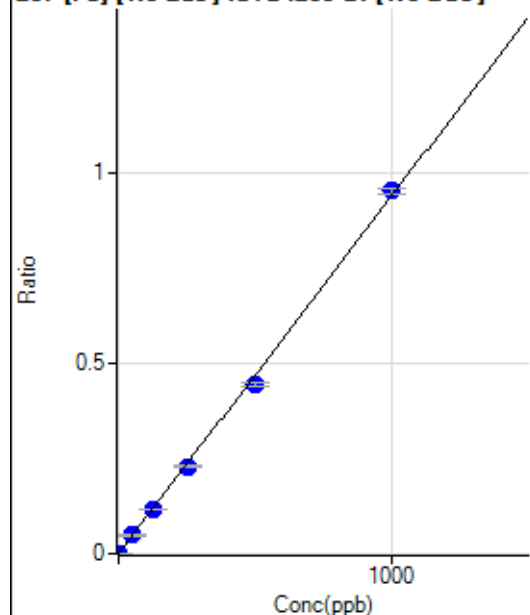
$$DL = 0.04803$$

$$BEC = 0.05144$$

Weight: <None>

Min Conc: 0

207 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	98.15	0.0000	P	32.4
2	☐	0.100	0.079	275.94	0.0001	P	3.7
3	☐	1.000	0.889	2118.76	0.0009	P	6.4
4	☐	50.000	51.970	109754.92	0.0488	P	7.3
5	☐	125.000	124.969	275574.51	0.1173	P	1.1
6	☐	250.000	244.412	559128.22	0.2294	P	3.3
7	☐	500.000	472.990	1114334.01	0.4439	P	3.0
8	☐	1000.000	1014.808	2274646.58	0.9523	P	1.4
9	☐			2437.33	0.0012	P	4.2

$$y = 9.3837\text{E-}004 * x + 4.0245\text{E-}005$$

$$R = 0.9995$$

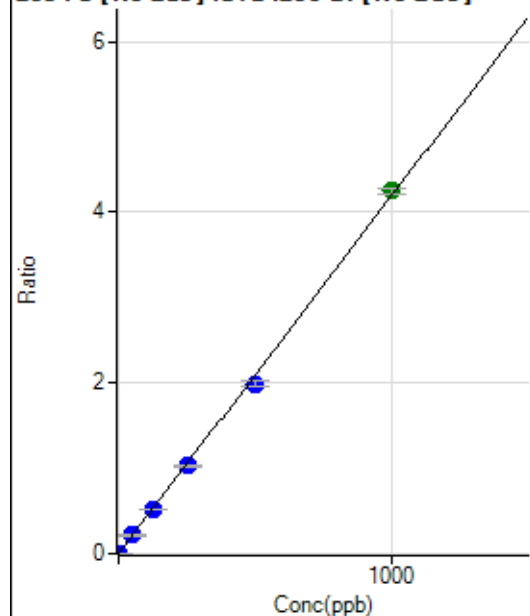
$$DL = 0.04164$$

$$BEC = 0.04289$$

Weight: <None>

Min Conc: 0

208 Pb [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	511.13	0.0002	P	22.6
2	☐	0.100	0.092	1433.41	0.0006	P	9.3
3	☐	1.000	0.885	9488.63	0.0039	P	2.7
4	☐	50.000	52.180	492288.04	0.2188	P	6.2
5	☐	125.000	125.595	1236694.23	0.5264	P	0.9
6	☐	250.000	245.317	2505844.83	1.0280	P	3.2
7	☐	500.000	474.252	4988849.01	1.9872	P	3.0
8	☐	1000.000	1013.862	10146691.78	4.2481	A	1.9
9	☐			10990.98	0.0052	P	7.3

$$y = 0.0042 * x + 2.1001\text{E-}004$$

$$R = 0.9995$$

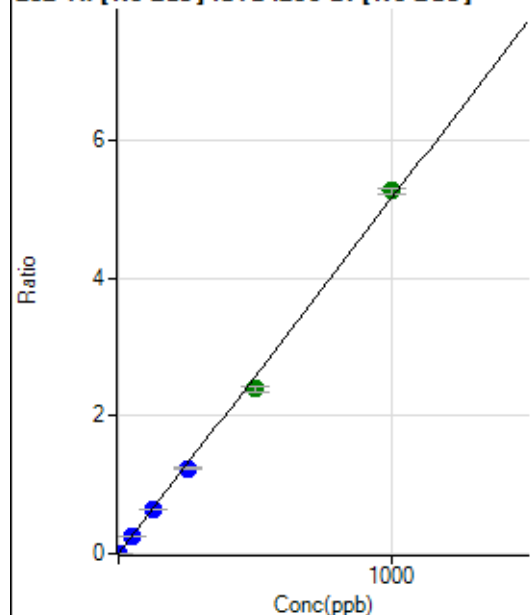
$$DL = 0.03402$$

$$BEC = 0.05012$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	33.33	0.0000	P	44.0
2	☐	0.100	0.076	983.40	0.0004	P	8.9
3	☐	1.000	0.835	10476.69	0.0043	P	2.7
4	☐	50.000	49.892	579595.42	0.2576	P	6.0
5	☐	125.000	122.608	1487288.47	0.6331	P	0.4
6	☐	250.000	239.412	3013317.05	1.2362	P	3.0
7	☐	500.000	463.245	6004807.71	2.3919	A	3.0
8	☐	1000.000	1021.329	12595856.53	5.2735	A	1.9
9	☐			2615.15	0.0012	P	15.4

$$y = 0.0052 * x + 1.3664E-005$$

$$R = 0.9990$$

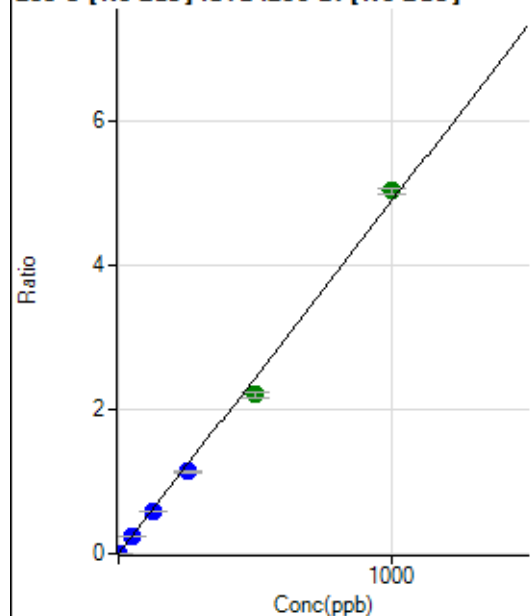
$$DL = 0.003493$$

$$BEC = 0.002646$$

Weight: <None>

Min Conc: 0

238 U [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	155.57	0.0001	P	66.3
2	☐	0.100	0.077	1058.43	0.0004	P	15.3
3	☐	1.000	0.848	10193.33	0.0042	P	1.7
4	☐	50.000	48.990	538831.95	0.2395	P	6.4
5	☐	125.000	119.026	1367002.48	0.5819	P	1.0
6	☐	250.000	232.481	2770355.62	1.1365	P	2.8
7	☐	500.000	450.800	5532021.69	2.2037	A	3.2
8	☐	1000.000	1029.777	12023913.03	5.0339	A	1.4
9	☐			1208.45	0.0006	P	11.8

$$y = 0.0049 * x + 6.4202E-005$$

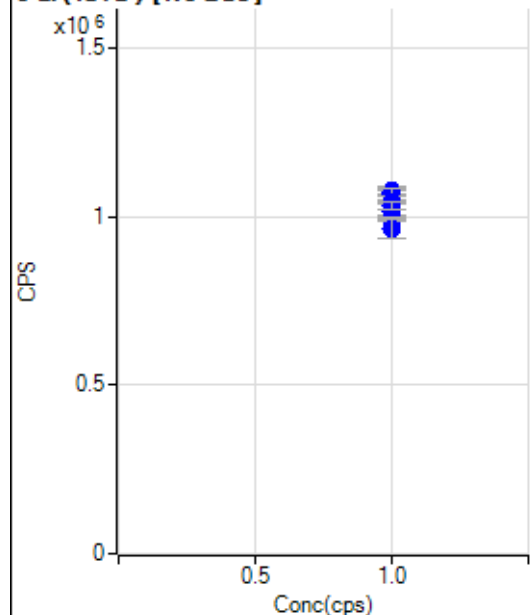
$$R = 0.9982$$

$$DL = 0.02612$$

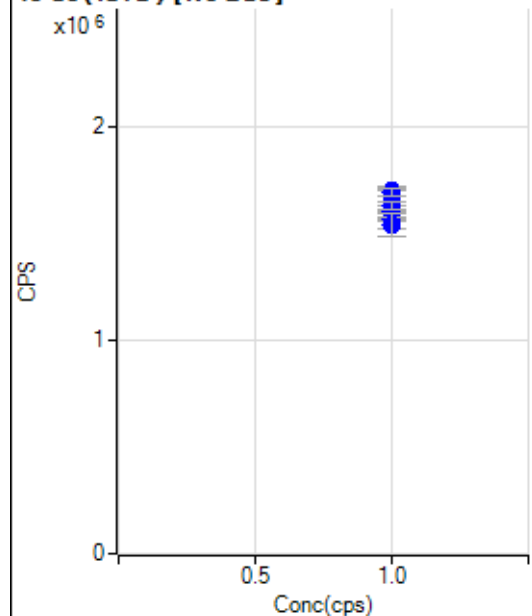
$$BEC = 0.01313$$

Weight: <None>

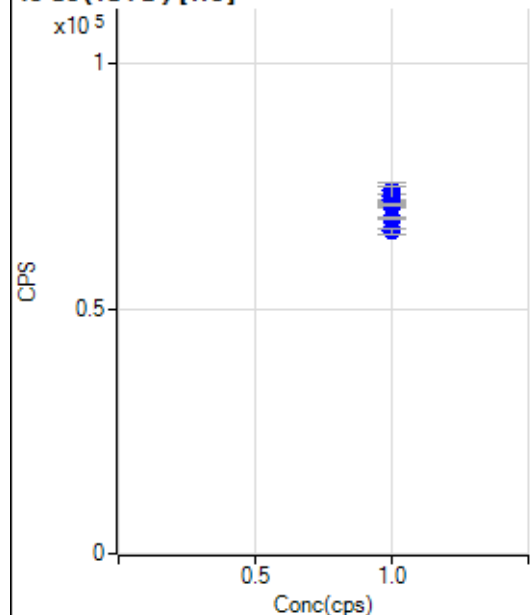
Min Conc: 0

6 Li (ISTD) [No Gas]

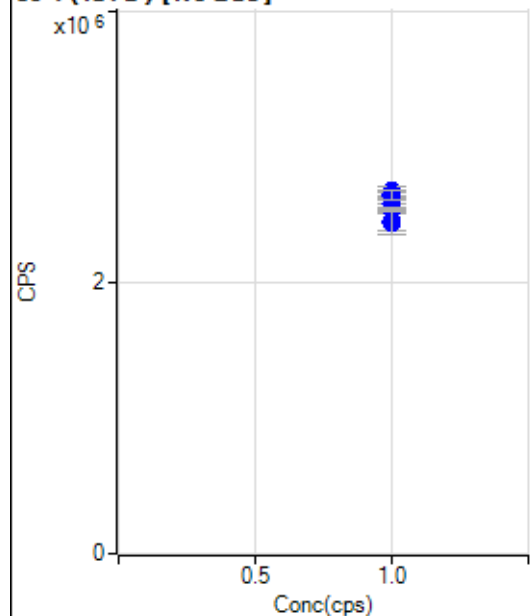
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1076068.86		P	2.0
2	☐	1.000		1064170.29		P	2.8
3	☐	1.000		1071196.06		P	2.0
4	☐	1.000		1015123.90		P	4.0
5	☐	1.000		1041223.57		P	0.9
6	☐	1.000		1020790.79		P	3.1
7	☐	1.000		1033120.02		P	2.3
8	☐	1.000		991196.33		P	1.1
9	☐	1.000		964642.57		P	6.2

45 Sc (ISTD) [No Gas]

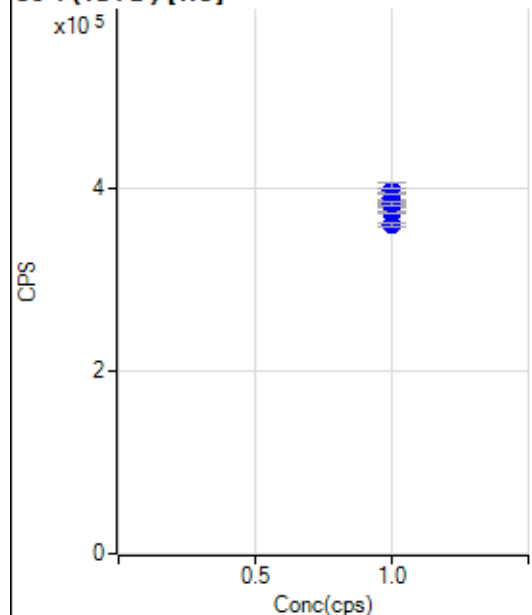
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1696811.14		P	2.8
2	☐	1.000		1672594.00		P	3.5
3	☐	1.000		1693690.67		P	2.3
4	☐	1.000		1560627.01		P	5.5
5	☐	1.000		1601057.64		P	1.4
6	☐	1.000		1598582.99		P	4.1
7	☐	1.000		1626227.83		P	2.2
8	☐	1.000		1567135.57		P	1.4
9	☐	1.000		1533935.18		P	7.0

45 Sc (ISTD) [He]

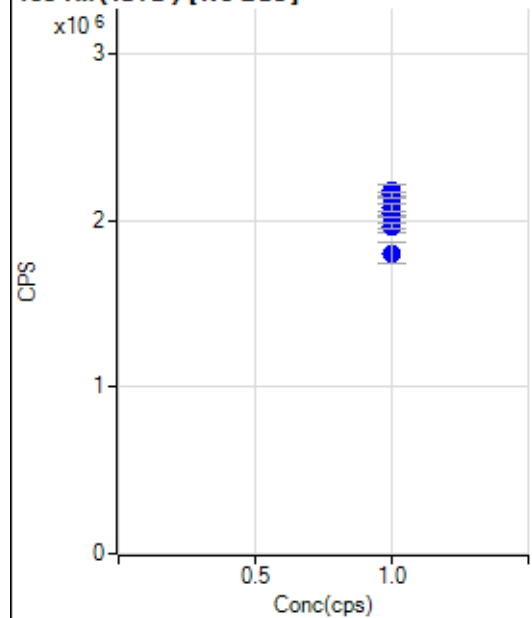
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		71341.88		P	0.7
2	☐	1.000		74118.85		P	4.4
3	☐	1.000		71139.95		P	1.5
4	☐	1.000		72379.60		P	3.1
5	☐	1.000		73075.09		P	5.6
6	☐	1.000		65835.81		P	1.6
7	☐	1.000		68415.92		P	0.4
8	☐	1.000		71297.18		P	1.3
9	☐	1.000		71296.04		P	0.7

89 Y (ISTD) [No Gas]

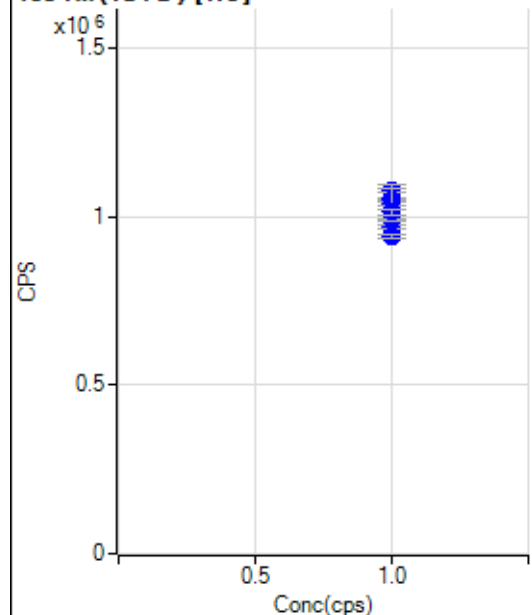
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2673124.18		P	2.3
2	☐	1.000		2615105.34		P	3.3
3	☐	1.000		2642056.21		P	2.3
4	☐	1.000		2445764.77		P	5.5
5	☐	1.000		2530363.09		P	1.2
6	☐	1.000		2577018.62		P	3.7
7	☐	1.000		2643088.30		P	2.4
8	☐	1.000		2538823.26		P	1.1
9	☐	1.000		2442693.47		P	7.3

89 Y (ISTD) [He]

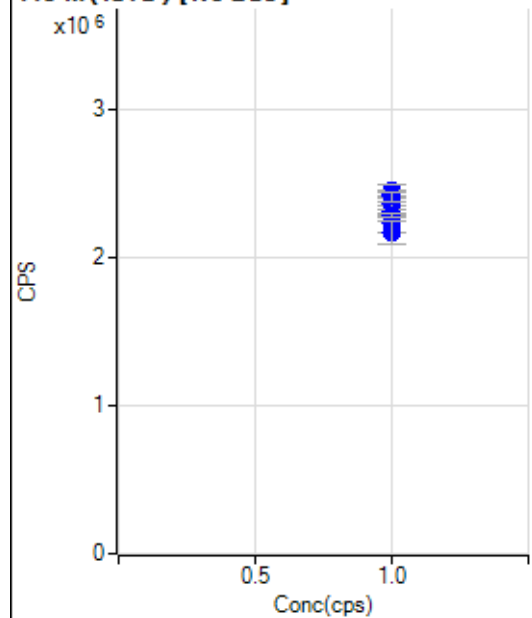
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		386347.98		P	0.3
2	☐	1.000		397461.24		P	4.5
3	☐	1.000		383869.27		P	1.2
4	☐	1.000		390685.26		P	3.3
5	☐	1.000		389554.10		P	5.7
6	☐	1.000		360163.88		P	1.4
7	☐	1.000		373397.00		P	0.4
8	☐	1.000		389461.35		P	2.2
9	☐	1.000		383606.08		P	0.7

103 Rh (ISTD) [No Gas]

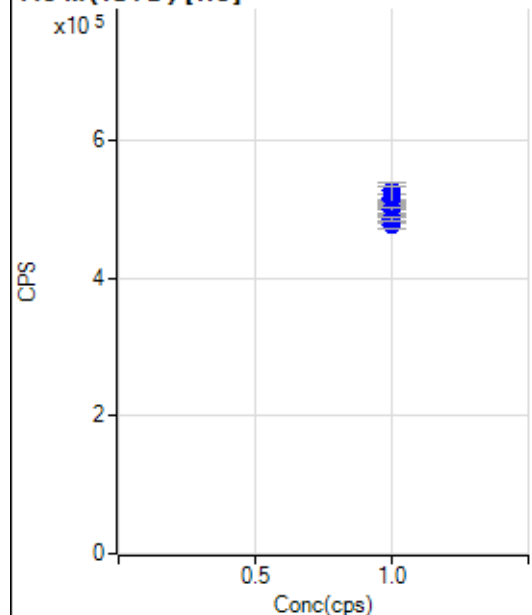
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2178747.92		P	3.0
2	☐	1.000		2133105.80		P	3.3
3	☐	1.000		2153866.04		P	1.9
4	☐	1.000		1982360.68		P	5.4
5	☐	1.000		2039774.70		P	1.1
6	☐	1.000		2058669.08		P	4.1
7	☐	1.000		2079586.38		P	2.6
8	☐	1.000		1966599.57		P	1.7
9	☐	1.000		1806657.98		P	7.2

103 Rh (ISTD) [He]

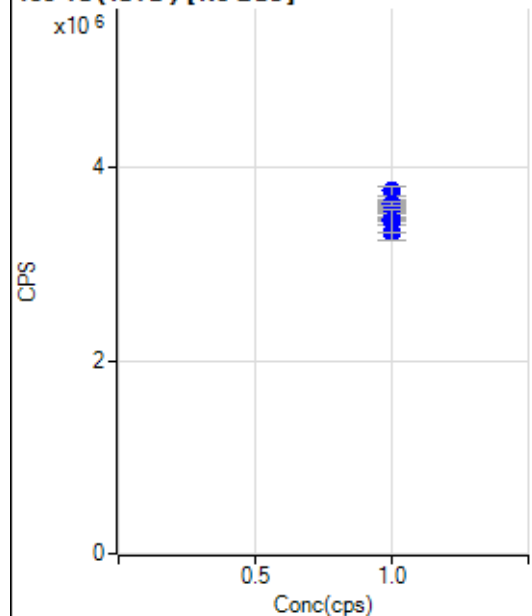
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1048736.78		P	0.7
2	☐	1.000		1076716.21		P	3.8
3	☐	1.000		1039583.52		P	1.4
4	☐	1.000		1057991.18		P	3.0
5	☐	1.000		1050794.12		P	6.0
6	☐	1.000		968606.74		P	1.3
7	☐	1.000		991115.61		P	0.2
8	☐	1.000		1014105.51		P	1.5
9	☐	1.000		941131.61		P	1.0

115 In (ISTD) [No Gas]

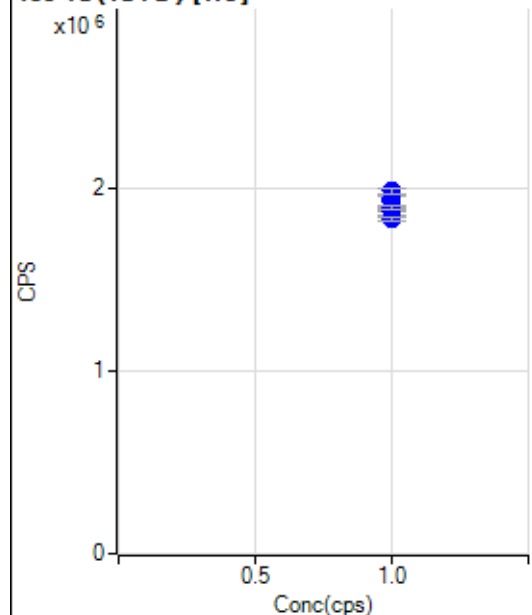
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2452622.55		P	3.1
2	☐	1.000		2401955.88		P	3.6
3	☐	1.000		2428111.18		P	2.3
4	☐	1.000		2232521.42		P	5.2
5	☐	1.000		2314448.36		P	0.8
6	☐	1.000		2366721.28		P	3.5
7	☐	1.000		2414868.53		P	2.5
8	☐	1.000		2291210.46		P	0.9
9	☐	1.000		2174641.49		P	7.0

115 In (ISTD) [He]

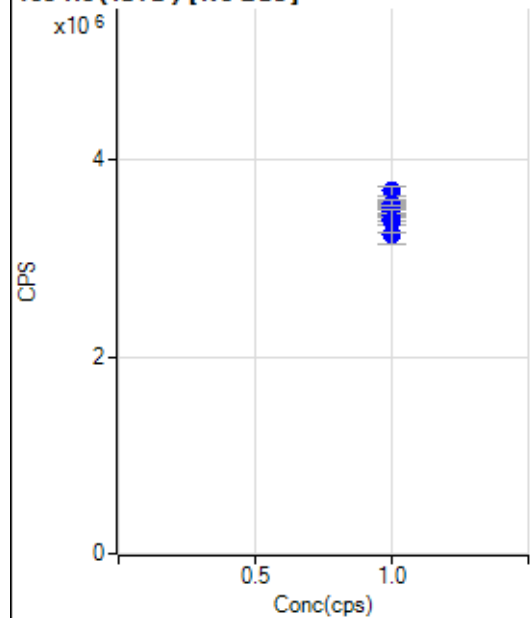
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		508891.56		P	0.9
2	☐	1.000		526324.15		P	4.4
3	☐	1.000		508890.33		P	1.3
4	☐	1.000		514613.04		P	3.1
5	☐	1.000		516367.78		P	6.1
6	☐	1.000		476371.64		P	1.8
7	☐	1.000		488399.34		P	0.5
8	☐	1.000		498134.19		P	1.8
9	☐	1.000		486018.07		P	0.9

159 Tb (ISTD) [No Gas]

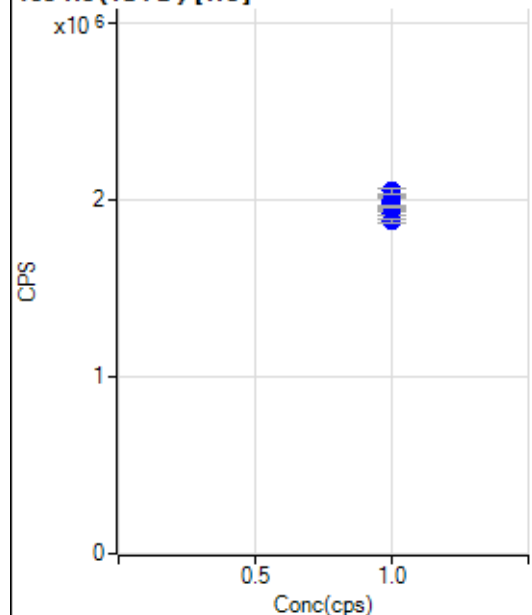
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3602909.01		P	2.9
2	☐	1.000		3518471.30		P	3.7
3	☐	1.000		3571784.22		P	2.4
4	☐	1.000		3320157.94		P	5.2
5	☐	1.000		3466283.32		P	0.9
6	☐	1.000		3592330.19		P	3.5
7	☐	1.000		3754618.80		P	2.7
8	☐	1.000		3625307.41		P	0.8
9	☐	1.000		3437647.27		P	6.7

159 Tb (ISTD) [He]

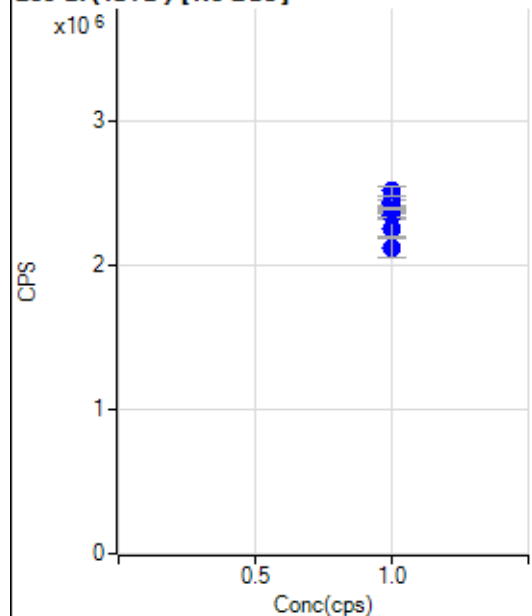
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1884782.87		P	0.5
2	☐	1.000		1935546.17		P	4.1
3	☐	1.000		1874937.54		P	1.6
4	☐	1.000		1929729.07		P	2.8
5	☐	1.000		1948037.37		P	6.2
6	☐	1.000		1837628.62		P	1.2
7	☐	1.000		1910028.63		P	0.1
8	☐	1.000		1989518.56		P	1.9
9	☐	1.000		1899694.59		P	0.8

165 Ho (ISTD) [No Gas]

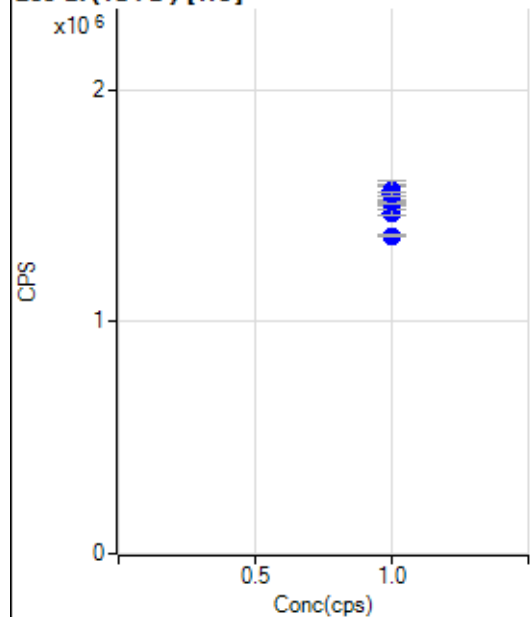
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3498823.99		P	3.0
2	☐	1.000		3438651.38		P	2.9
3	☐	1.000		3469360.67		P	2.5
4	☐	1.000		3239272.95		P	5.7
5	☐	1.000		3408026.25		P	1.2
6	☐	1.000		3519114.01		P	3.0
7	☐	1.000		3686355.94		P	2.6
8	☐	1.000		3565510.93		P	1.2
9	☐	1.000		3375106.61		P	6.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1939291.60		P	0.6
2	☐	1.000		1980845.72		P	4.1
3	☐	1.000		1922500.62		P	1.2
4	☐	1.000		1987770.73		P	2.5
5	☐	1.000		2002987.71		P	6.2
6	☐	1.000		1878695.01		P	1.3
7	☐	1.000		1962696.57		P	0.5
8	☐	1.000		2048288.91		P	1.8
9	☐	1.000		1956187.87		P	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2442356.68		P	2.8
2	☐	1.000		2410706.07		P	3.1
3	☐	1.000		2421241.27		P	2.5
4	☐	1.000		2254361.41		P	5.1
5	☐	1.000		2349355.47		P	1.2
6	☐	1.000		2438958.83		P	2.8
7	☐	1.000		2511664.61		P	2.4
8	☐	1.000		2388752.05		P	0.8
9	☐	1.000		2117867.36		P	6.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1518564.25		P	1.0
2	☐	1.000		1560594.05		P	4.3
3	☐	1.000		1505957.97		P	0.9
4	☐	1.000		1560078.88		P	2.9
5	☐	1.000		1563614.04		P	5.8
6	☐	1.000		1470201.80		P	1.5
7	☐	1.000		1513402.77		P	0.5
8	☐	1.000		1548499.70		P	1.3
9	☐	1.000		1369778.78		P	0.5