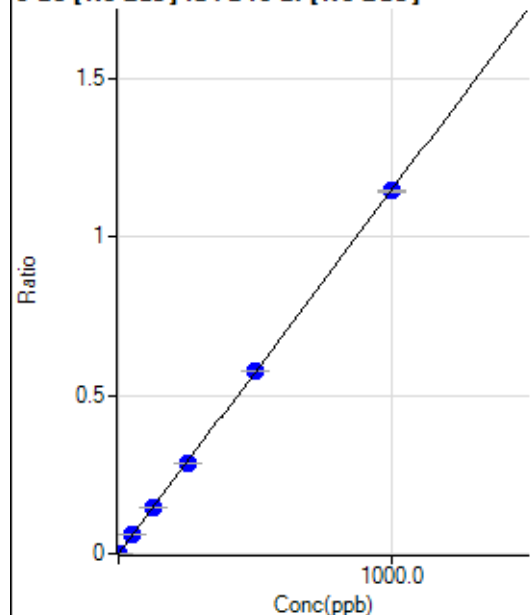


Batch Folder: D:\ICP-MS Data\P7022017.b\
Analysis File: P7022017.batch.bin
DA Date-Time: 2017-02-21 12:52:11
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2017-02-20 16:55:58
2			
3	004CALS.d	S02	2017-02-20 17:03:54
4	005CALS.d	S03	2017-02-20 17:07:47
5	006CALS.d	S04	2017-02-20 17:11:41
6	007CALS.d	S05	2017-02-20 17:15:34
7	008CALS.d	S06	2017-02-20 17:19:23
8	009CALS.d	S07	2017-02-20 17:23:09
9	010CALS.d	S08	2017-02-20 17:26:51

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	57.41	0.0001	P	39.4
2	☐	0.100					
3	☐	1.000	1.021	768.56	0.0013	P	14.1
4	☐	50.000	50.557	35104.01	0.0581	P	1.0
5	☐	125.000	125.665	87419.23	0.1442	P	1.1
6	☐	250.000	249.794	175992.36	0.2865	P	0.4
7	☐	500.000	503.350	351035.58	0.5771	P	0.5
8	☐	1000.000	998.266	686218.51	1.1445	P	0.6
9	☐			135.19	0.0002	P	20.4

$$y = 0.0011 * x + 9.3910E-005$$

$$R = 1.0000$$

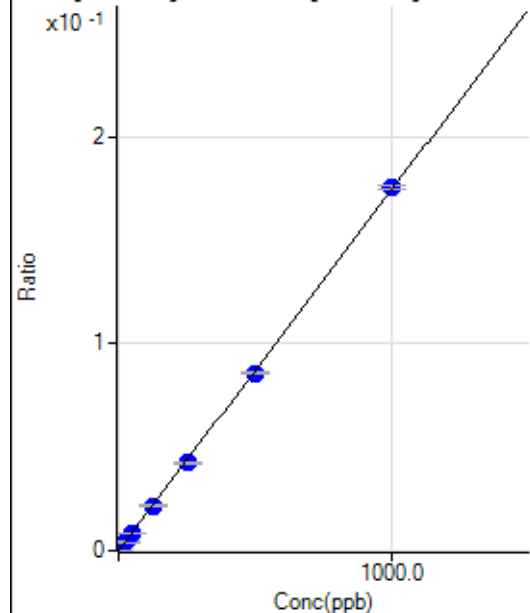
$$DL = 0.09688$$

$$BEC = 0.08192$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	57.5
2	☐	2.500					
3	☐	25.000	24.502	2617.00	0.0043	P	6.3
4	☐	50.000	49.056	5189.99	0.0086	P	3.6
5	☐	125.000	123.963	13117.29	0.0216	P	2.5
6	☐	250.000	243.981	26137.30	0.0425	P	2.7
7	☐	500.000	492.751	52235.41	0.0859	P	1.4
8	☐	1000.000	1005.318	105029.65	0.1752	P	1.2
9	☐			3225.47	0.0056	P	14.3

$$y = 1.7421E-004 * x + 3.6384E-005$$

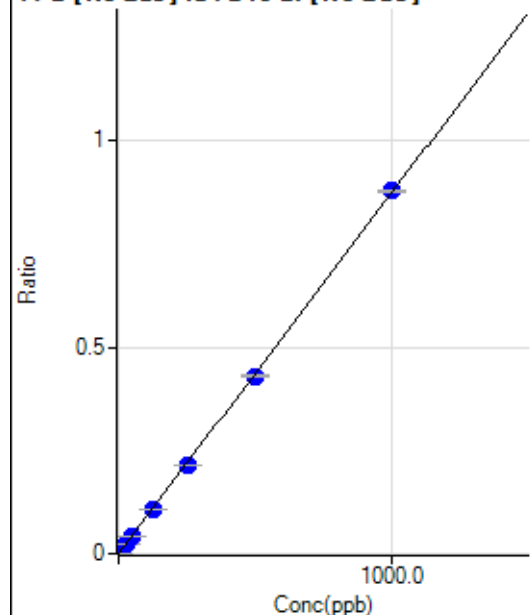
$$R = 0.9999$$

$$DL = 0.3605$$

$$BEC = 0.2088$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	133.34	0.0002	P	41.1
2	☐	2.500					
3	☐	25.000	25.295	13576.04	0.0223	P	1.3
4	☐	50.000	48.464	25761.61	0.0426	P	2.1
5	☐	125.000	122.483	65088.08	0.1073	P	1.9
6	☐	250.000	244.524	131520.61	0.2141	P	1.7
7	☐	500.000	492.771	262257.26	0.4312	P	1.1
8	☐	1000.000	1005.367	527314.00	0.8795	P	0.7
9	☐			15277.82	0.0265	P	13.0

$$y = 8.7454\text{E-}004 * x + 2.1792\text{E-}004$$

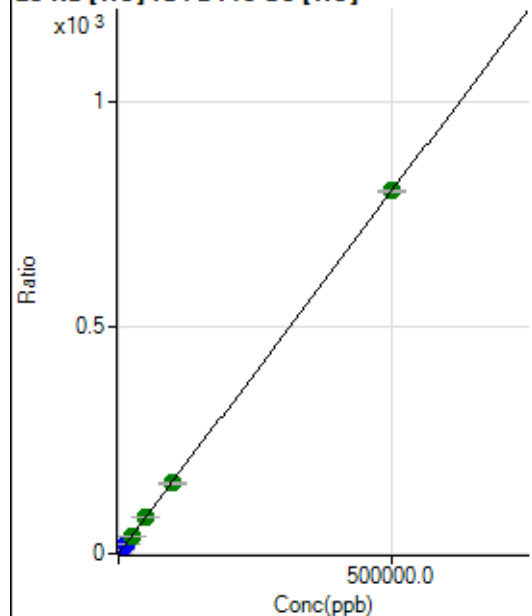
$$R = 0.9999$$

$$DL = 0.3071$$

$$BEC = 0.2492$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5359.48	0.0420	P	3.8
2	☐	50.000					
3	☐	500.000	499.332	106999.38	0.8418	P	0.6
4	☐	5000.000	5082.885	1031367.21	8.1834	P	1.2
5	☐	12500.000	12577.428	2535948.32	20.1875	P	0.7
6	☐	25000.000	24976.312	4992973.03	40.0470	A	0.8
7	☐	50000.000	49449.495	9959285.73	79.2460	A	0.5
8	☐	100000.00	96958.463	19755121.10	155.3419	A	0.5
9	☐	500000.00	500661.77	97821729.97	801.9596	A	0.2

$$y = 0.0016 * x + 0.0420$$

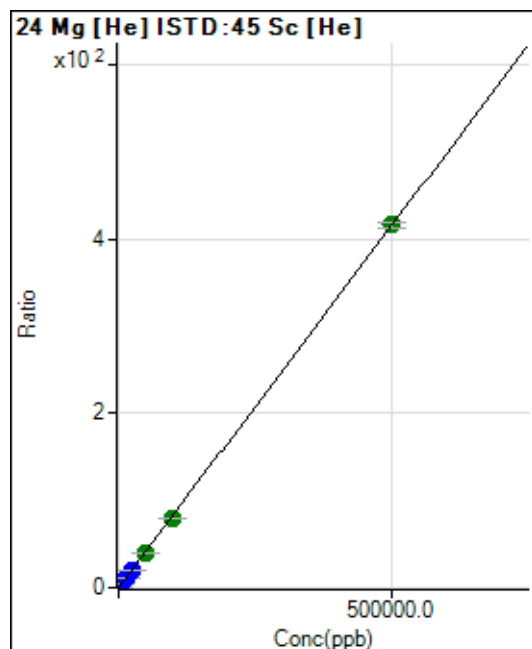
$$R = 1.0000$$

$$DL = 2.968$$

$$BEC = 26.23$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	211.12	0.0017	P	9.3
2	☐	50.000					
3	☐	500.000	488.746	51846.06	0.4079	P	1.0
4	☐	5000.000	4930.017	516662.38	4.0993	P	0.8
5	☐	12500.000	12256.289	1279913.60	10.1887	P	0.6
6	☐	25000.000	24098.006	2497485.67	20.0311	P	0.6
7	☐	50000.000	48694.276	5086617.30	40.4747	A	1.2
8	☐	100000.00	94880.461	10029047.10	78.8631	A	0.6
9	☐	500000.00	501206.38	50813511.55	416.5875	A	1.4

$$y = 8.3117\text{E-}004 * x + 0.0017$$

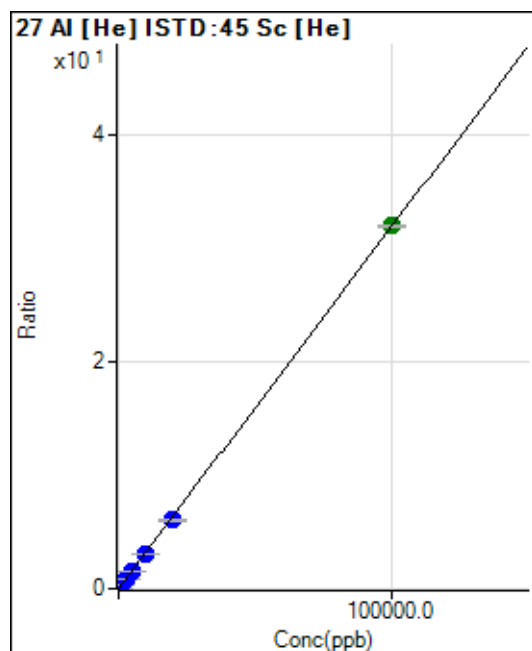
$$R = 0.9999$$

$$DL = 0.5538$$

$$BEC = 1.991$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0003	P	74.7
2	☐	2.000					
3	☐	20.000	20.226	852.84	0.0067	P	7.0
4	☐	1000.000	972.696	39113.17	0.3103	P	0.9
5	☐	2500.000	2413.967	96700.37	0.7698	P	0.8
6	☐	5000.000	4827.914	191918.74	1.5393	P	0.6
7	☐	10000.000	9601.222	384675.13	3.0609	P	0.5
8	☐	20000.000	18898.650	766152.22	6.0246	P	0.5
9	☐	100000.00	100271.17	3898884.38	31.9638	A	0.7

$$y = 3.1877\text{E-}004 * x + 2.6146\text{E-}004$$

$$R = 0.9999$$

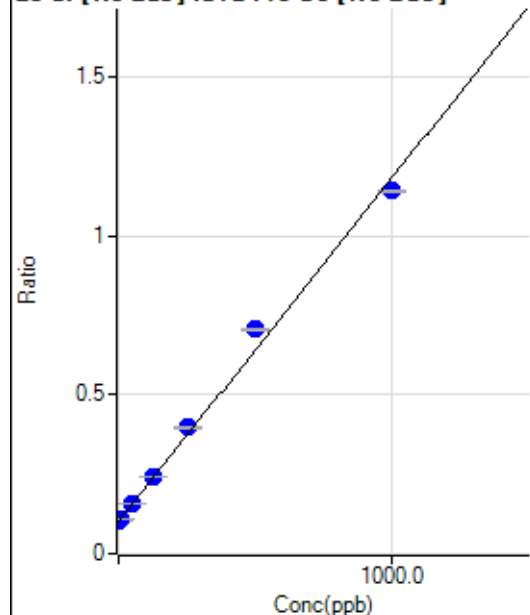
$$DL = 1.839$$

$$BEC = 0.8202$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	309156.21	0.1009	P	0.7
2	☐	1.000					
3	☐	10.000	5.008	323911.36	0.1063	P	0.8
4	☐	50.000	51.891	472215.15	0.1569	P	0.8
5	☐	125.000	132.218	731718.88	0.2436	P	0.5
6	☐	250.000	273.678	1187322.98	0.3963	P	1.3
7	☐	500.000	559.211	2104281.67	0.7044	P	0.9
8	☐	1000.000	963.528	3405973.69	1.1407	P	0.4
9	☐			365452.84	0.1275	P	0.7

$$y = 0.0011 * x + 0.1009$$

$$R = 0.9968$$

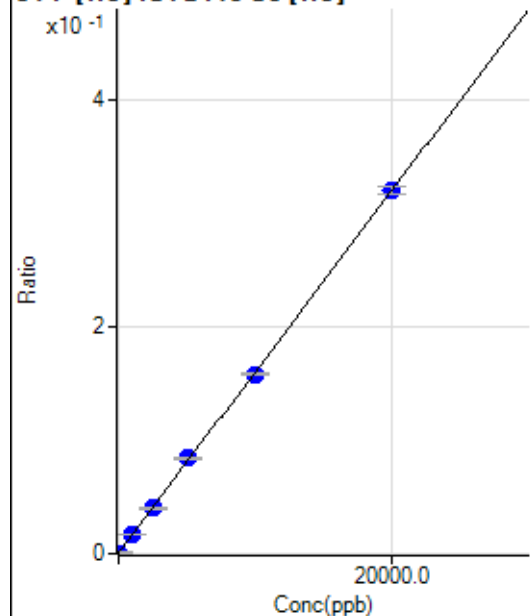
$$DL = 1.941$$

$$BEC = 93.54$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-16.486	36.11	0.0003	P	73.7
2	☐	0.000					
3	☐	0.000	16.486	102.78	0.0008	P	16.7
4	☐	1000.000	988.627	2055.78	0.0163	P	1.9
5	☐	2500.000	2473.060	5023.25	0.0400	P	3.4
6	☐	5000.000	5231.942	10470.73	0.0840	P	0.8
7	☐	10000.000	9885.392	19880.55	0.1582	P	1.9
8	☐	20000.000	20003.255	40637.04	0.3195	P	2.2
9	☐			47.22	0.0004	P	53.5

$$y = 1.5947E-005 * x + 5.4551E-004$$

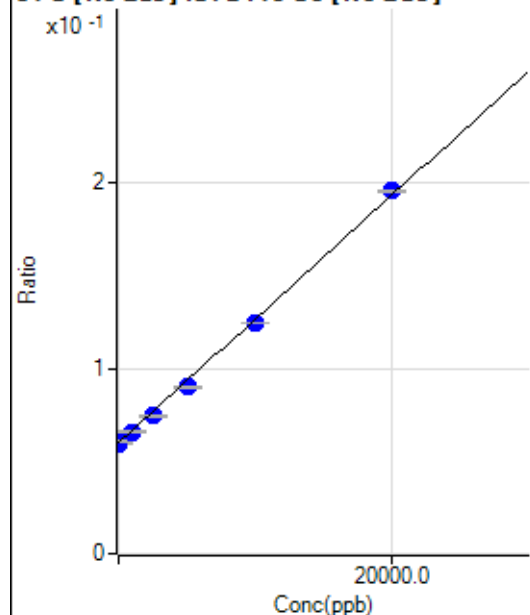
$$R = 0.9999$$

$$DL = 32.27$$

$$BEC = 34.21$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-94.297	181732.91	0.0593	P	0.8
2	☐	0.000					
3	☐	0.000	94.297	184569.86	0.0606	P	1.1
4	☐	1000.000	878.824	198099.48	0.0658	P	1.1
5	☐	2500.000	2181.730	223885.50	0.0745	P	0.9
6	☐	5000.000	4467.471	269099.29	0.0898	P	0.6
7	☐	10000.000	9676.114	372259.39	0.1246	P	0.5
8	☐	20000.000	20340.918	584815.93	0.1959	P	0.5
9	☐			173172.06	0.0604	P	1.2

$$y = 6.6808\text{E-}006 * x + 0.0600$$

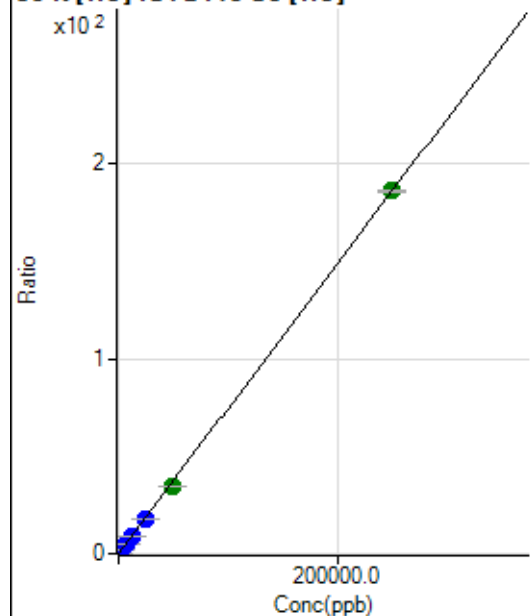
$$R = 0.9994$$

$$DL = 255.8$$

$$BEC = 8975$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8886.39	0.0697	P	1.4
2	☐	50.000					
3	☐	500.000	464.431	52677.85	0.4144	P	0.6
4	☐	2500.000	2463.060	239245.14	1.8981	P	1.0
5	☐	6250.000	6081.650	575885.47	4.5842	P	0.4
6	☐	12500.000	12080.597	1126794.80	9.0374	P	0.4
7	☐	25000.000	23889.184	2237383.88	17.8032	P	0.9
8	☐	50000.000	46887.121	4435187.03	34.8751	A	0.6
9	☐	250000.00	250759.27	22713950.86	186.2144	A	0.6

$$y = 7.4232\text{E-}004 * x + 0.0697$$

$$R = 0.9999$$

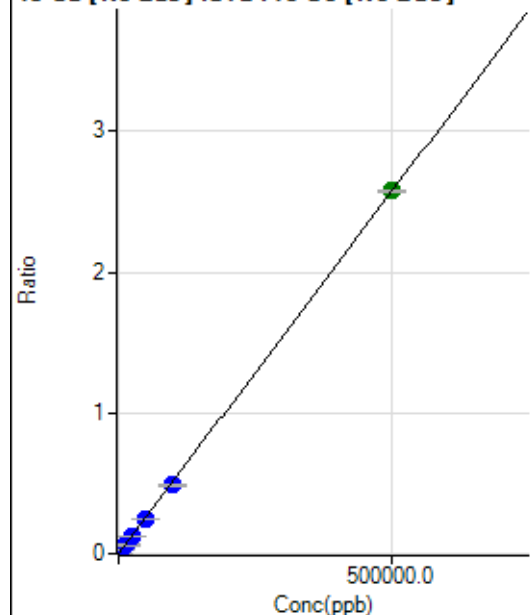
$$DL = 4.022$$

$$BEC = 93.85$$

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	72.23	0.0000	P	23.9
2	☐	50.000					
3	☐	500.000	469.862	7424.34	0.0024	P	3.3
4	☐	5000.000	4776.085	73907.34	0.0246	P	0.7
5	☐	12500.000	11967.548	184750.25	0.0615	P	0.3
6	☐	25000.000	23771.548	366013.68	0.1222	P	0.2
7	☐	50000.000	47651.545	731452.29	0.2448	P	0.1
8	☐	100000.00	94496.615	1449706.07	0.4855	P	0.7
9	☐	500000.00	501412.52	7385859.36	2.5761	A	0.3

$$y = 5.1376E-006 * x + 2.3574E-005$$

$$R = 0.9999$$

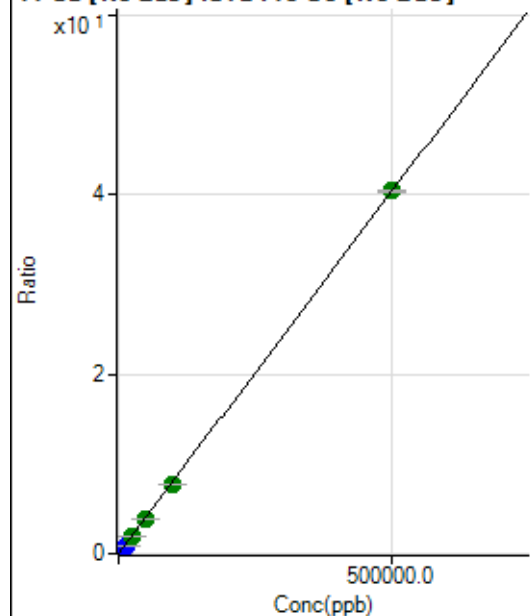
$$DL = 3.285$$

$$BEC = 4.588$$

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	4695.39	0.0015	P	4.0
2	☐	50.000					
3	☐	500.000	473.203	120890.94	0.0397	P	1.4
4	☐	5000.000	4820.014	1174065.37	0.3902	P	0.2
5	☐	12500.000	11895.834	2885601.69	0.9607	P	0.2
6	☐	25000.000	23977.493	5797474.61	1.9348	A	0.3
7	☐	50000.000	47729.139	11501627.60	3.8499	A	0.5
8	☐	100000.00	95236.704	22933776.38	7.6804	A	0.4
9	☐	500000.00	501247.80	115878815.0	40.4170	A	0.5

$$y = 8.0630E-005 * x + 0.0015$$

$$R = 0.9999$$

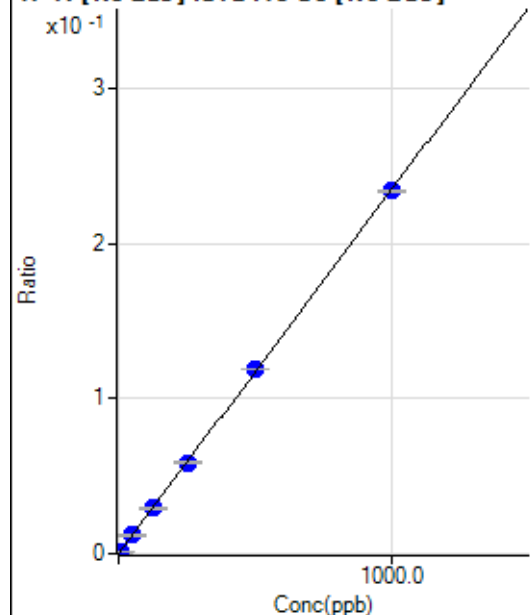
$$DL = 2.308$$

$$BEC = 19.01$$

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	177.78	0.0001	P	10.1
2	☐	0.500					
3	☐	5.000	4.823	3622.84	0.0012	P	2.4
4	☐	50.000	49.996	35465.76	0.0118	P	1.1
5	☐	125.000	124.805	88110.41	0.0293	P	1.4
6	☐	250.000	250.500	176246.62	0.0588	P	0.6
7	☐	500.000	505.741	354598.06	0.1187	P	0.3
8	☐	1000.000	997.030	698532.48	0.2339	P	0.5
9	☐			600.04	0.0002	P	8.1

$$y = 2.3458E-004 * x + 5.8056E-005$$

$$R = 1.0000$$

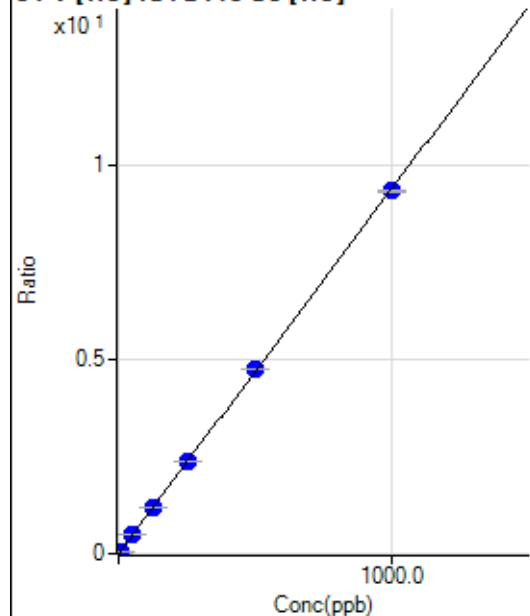
$$DL = 0.07499$$

$$BEC = 0.2475$$

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	42.22	0.0003	P	4.9
2	☐	0.500					
3	☐	5.000	4.844	5827.90	0.0459	P	0.8
4	☐	50.000	50.950	60385.31	0.4791	P	0.8
5	☐	125.000	126.769	149673.08	1.1915	P	1.2
6	☐	250.000	254.329	297993.93	2.3901	P	0.7
7	☐	500.000	506.548	598213.92	4.7600	P	0.7
8	☐	1000.000	995.376	1189442.89	9.3532	P	0.7
9	☐			232.23	0.0019	P	14.1

$$y = 0.0094 * x + 3.3104E-004$$

$$R = 1.0000$$

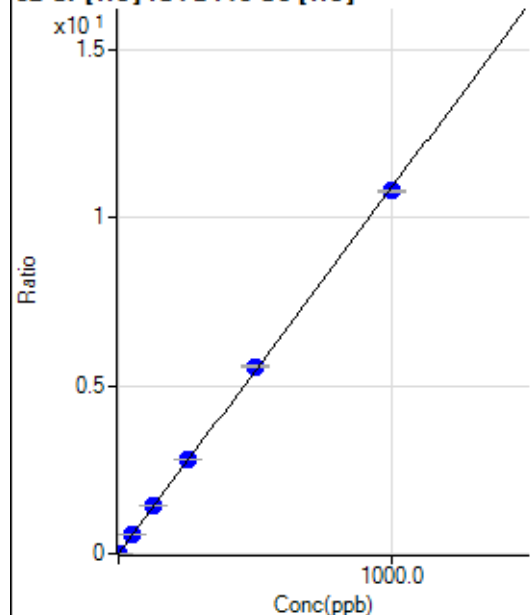
$$DL = 0.005186$$

$$BEC = 0.03523$$

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	387.79	0.0030	P	13.3
2	☐	0.200					
3	☐	2.000	2.062	3239.30	0.0255	P	2.4
4	☐	50.000	52.002	71705.47	0.5690	P	1.3
5	☐	125.000	129.659	177628.49	1.4141	P	1.4
6	☐	250.000	258.384	350971.55	2.8149	P	0.3
7	☐	500.000	511.159	699472.63	5.5658	P	0.8
8	☐	1000.000	991.642	1372753.78	10.7946	P	0.8
9	☐			10269.25	0.0842	P	1.8

$$y = 0.0109 * x + 0.0030$$

$$R = 0.9999$$

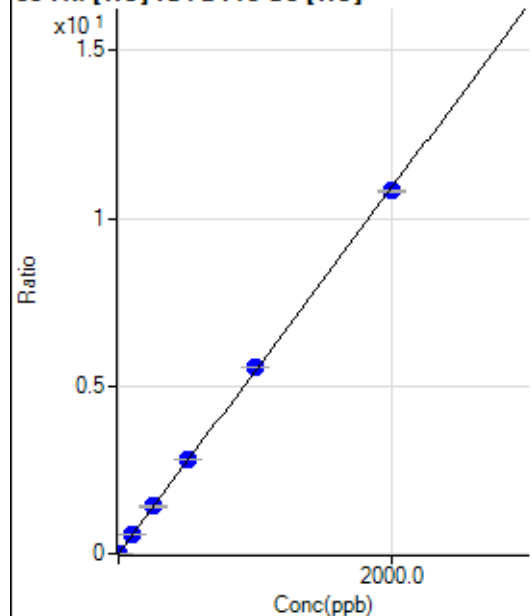
$$DL = 0.1115$$

$$BEC = 0.2794$$

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	43.33	0.0003	P	19.7
2	☐	0.100					
3	☐	1.000	1.093	801.15	0.0063	P	6.9
4	☐	100.000	103.652	71282.74	0.5655	P	0.5
5	☐	250.000	258.456	177078.52	1.4097	P	1.2
6	☐	500.000	518.559	352600.69	2.8280	P	0.4
7	☐	1000.000	1020.910	699664.62	5.5673	P	0.7
8	☐	2000.000	1983.666	1375612.13	10.8171	P	0.7
9	☐			4893.10	0.0401	P	2.1

$$y = 0.0055 * x + 3.3937E-004$$

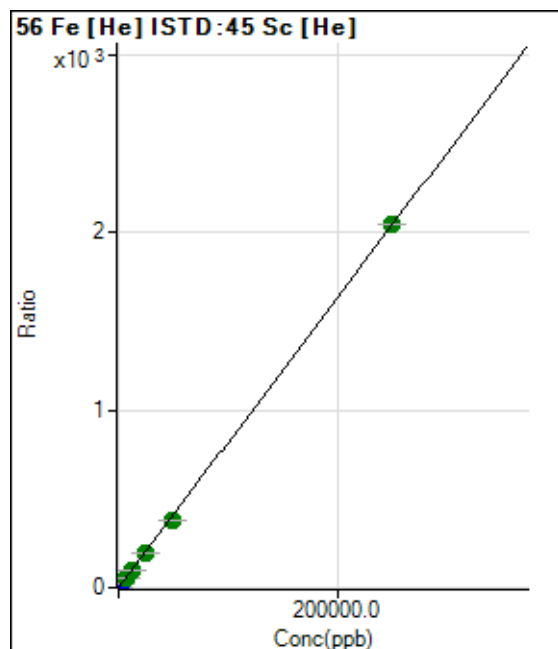
$$R = 0.9999$$

$$DL = 0.03675$$

$$BEC = 0.06224$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1726.07	0.0135	P	3.7
2	☐	5.000					
3	☐	50.000	50.782	54297.07	0.4272	P	0.9
4	☐	2500.000	2542.768	2612058.94	20.7252	P	1.1
5	☐	6250.000	6152.759	6297417.38	50.1296	A	0.4
6	☐	12500.000	12178.555	12370104.91	99.2116	A	0.4
7	☐	25000.000	24082.389	24654013.75	196.1720	A	0.5
8	☐	50000.000	46895.944	48578927.01	381.9954	A	0.4
9	☐	250000.00	250730.64	249116587.0	2,042.291	A	0.1

$$y = 0.0081 * x + 0.0135$$

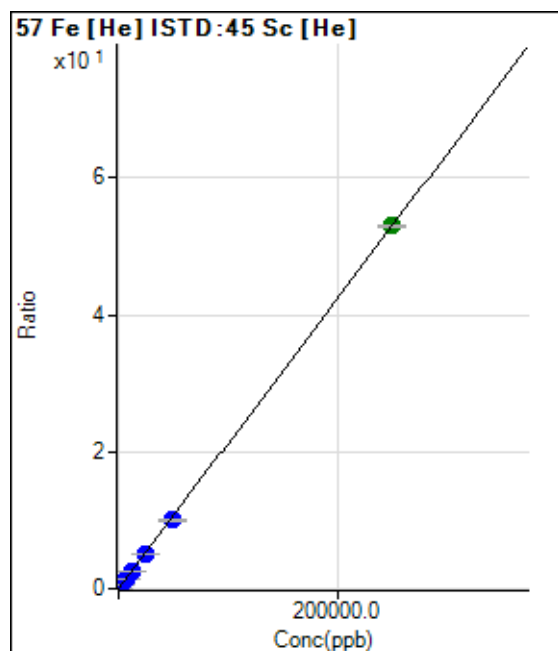
$$R = 0.9999$$

$$DL = 0.1865$$

$$BEC = 1.662$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	51.85	0.0004	P	15.9
2	☐	5.000					
3	☐	50.000	42.466	1192.67	0.0094	P	9.8
4	☐	2500.000	2504.409	66753.46	0.5297	P	2.7
5	☐	6250.000	6198.354	164608.39	1.3104	P	1.7
6	☐	12500.000	12345.217	325357.05	2.6095	P	0.4
7	☐	25000.000	24360.561	647075.83	5.1489	P	1.1
8	☐	50000.000	47215.434	1269068.49	9.9792	P	0.3
9	☐	250000.00	250629.84	6461084.75	52.9698	A	0.7

$$y = 2.1135E-004 * x + 4.0630E-004$$

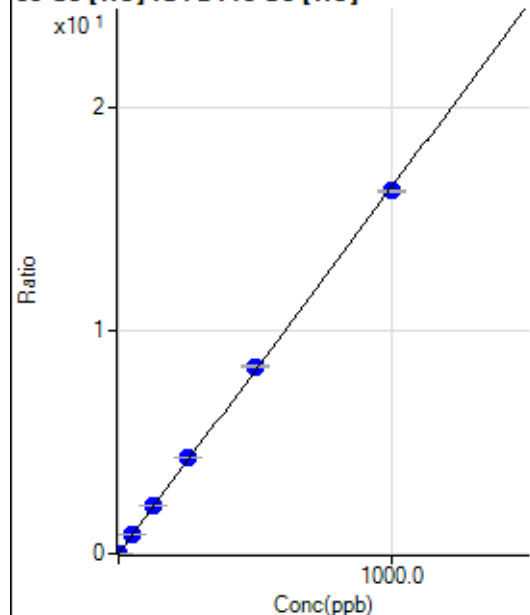
$$R = 0.9999$$

$$DL = 0.9154$$

$$BEC = 1.922$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	197.78	0.0016	P	10.3
2	☐	0.100					
3	☐	1.000	0.992	2266.88	0.0178	P	1.8
4	☐	50.000	53.143	110183.80	0.8743	P	1.3
5	☐	125.000	131.301	271056.50	2.1578	P	1.0
6	☐	250.000	261.561	535731.37	4.2969	P	0.7
7	☐	500.000	511.398	1055635.36	8.3997	P	0.6
8	☐	1000.000	990.466	2068696.06	16.2669	P	0.4
9	☐			1437.87	0.0118	P	3.0

$$y = 0.0164 * x + 0.0016$$

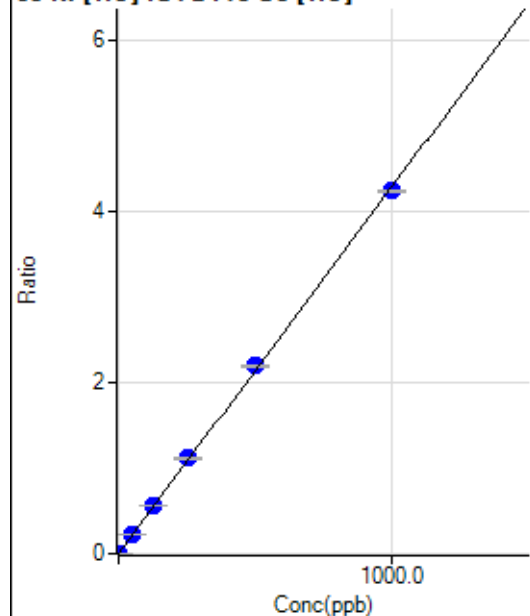
$$R = 0.9998$$

$$DL = 0.0292$$

$$BEC = 0.09443$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	54.45	0.0004	P	35.6
2	☐	0.100					
3	☐	1.000	1.009	603.36	0.0047	P	11.2
4	☐	50.000	53.206	28770.58	0.2283	P	2.4
5	☐	125.000	131.273	70683.79	0.5627	P	0.3
6	☐	250.000	259.919	138845.89	1.1136	P	0.8
7	☐	500.000	512.259	275777.83	2.1944	P	0.8
8	☐	1000.000	990.446	539511.45	4.2424	P	0.5
9	☐			2165.75	0.0178	P	4.8

$$y = 0.0043 * x + 4.2668E-004$$

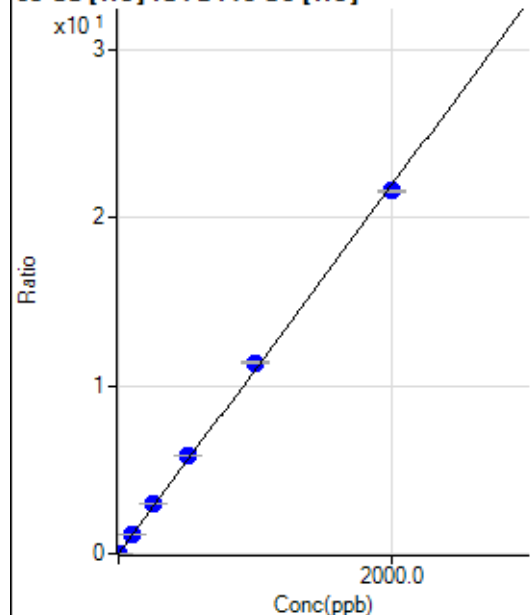
$$R = 0.9998$$

$$DL = 0.1064$$

$$BEC = 0.09962$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	217.78	0.0017	P	15.5
2	☐	0.200					
3	☐	2.000	2.180	3253.74	0.0256	P	5.1
4	☐	100.000	108.846	150523.37	1.1943	P	1.3
5	☐	250.000	269.414	371031.32	2.9537	P	1.2
6	☐	500.000	533.914	729612.92	5.8518	P	0.5
7	☐	1000.000	1035.344	1425891.65	11.3460	P	0.9
8	☐	2000.000	1970.980	2746612.25	21.5977	P	0.6
9	☐			4175.11	0.0342	P	2.3

$$y = 0.0110 * x + 0.0017$$

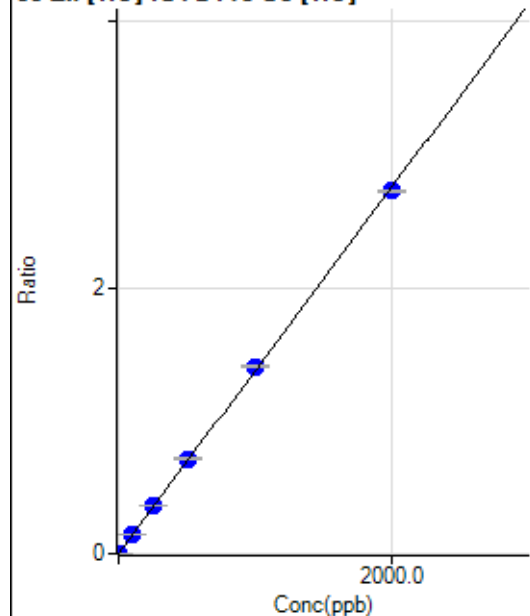
$$R = 0.9996$$

$$DL = 0.07236$$

$$BEC = 0.1557$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0003	P	21.5
2	☐	0.200					
3	☐	2.000	2.169	417.79	0.0033	P	10.3
4	☐	100.000	104.381	18121.44	0.1438	P	2.0
5	☐	250.000	260.921	45091.68	0.3590	P	2.0
6	☐	500.000	519.412	89062.69	0.7143	P	0.5
7	☐	1000.000	1023.195	176799.40	1.4068	P	0.4
8	☐	2000.000	1981.965	346512.89	2.7247	P	0.5
9	☐			2991.47	0.0245	P	3.4

$$y = 0.0014 * x + 3.0490E-004$$

$$R = 0.9998$$

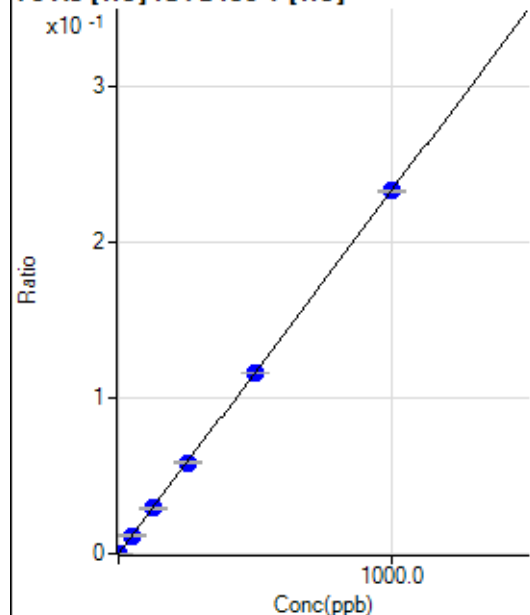
$$DL = 0.143$$

$$BEC = 0.2218$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	14.81	0.0000	P	62.2
2	☐	0.100					
3	☐	1.000	0.904	140.13	0.0002	P	8.6
4	☐	50.000	49.807	6920.22	0.0116	P	2.5
5	☐	125.000	124.609	17127.43	0.0290	P	0.9
6	☐	250.000	251.529	34446.25	0.0586	P	0.7
7	☐	500.000	499.591	68792.31	0.1163	P	0.4
8	☐	1000.000	999.881	138516.60	0.2327	P	0.3
9	☐			186.42	0.0003	P	1.0

$$y = 2.3272E-004 * x + 2.4729E-005$$

$$R = 1.0000$$

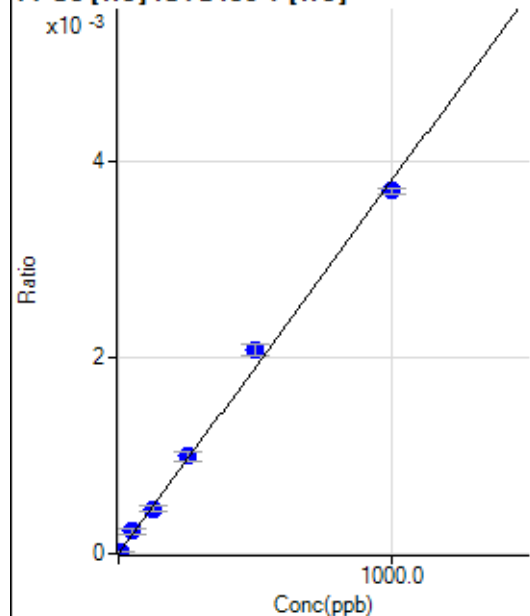
$$DL = 0.1983$$

$$BEC = 0.1063$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	5.400	12.22	0.0000	P	41.8
4	☐	50.000	60.860	137.78	0.0002	P	23.0
5	☐	125.000	120.803	271.12	0.0005	P	13.0
6	☐	250.000	261.793	585.58	0.0010	P	9.9
7	☐	500.000	547.296	1231.19	0.0021	P	5.4
8	☐	1000.000	973.384	2203.54	0.0037	P	1.7
9	☐			3.33	0.0000	P	99.8

$$y = 3.8033E-006 * x + 0.0000E+000$$

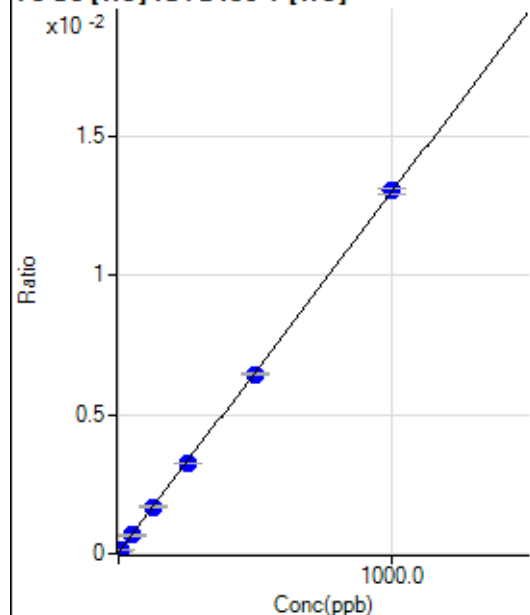
$$R = 0.9982$$

$$DL = 0$$

$$BEC = 0$$

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	28.39	0.0000	P	15.8
2	☐	0.500					
3	☐	5.000	5.475	70.37	0.0001	P	20.5
4	☐	50.000	47.096	390.75	0.0007	P	0.7
5	☐	125.000	125.556	985.23	0.0017	P	3.8
6	☐	250.000	249.028	1920.51	0.0033	P	0.3
7	☐	500.000	493.732	3801.77	0.0064	P	1.4
8	☐	1000.000	1003.450	7745.33	0.0130	P	1.5
9	☐			43.21	0.0001	P	17.7

$$y = 1.2920\text{E-}005 * x + 4.7367\text{E-}005$$

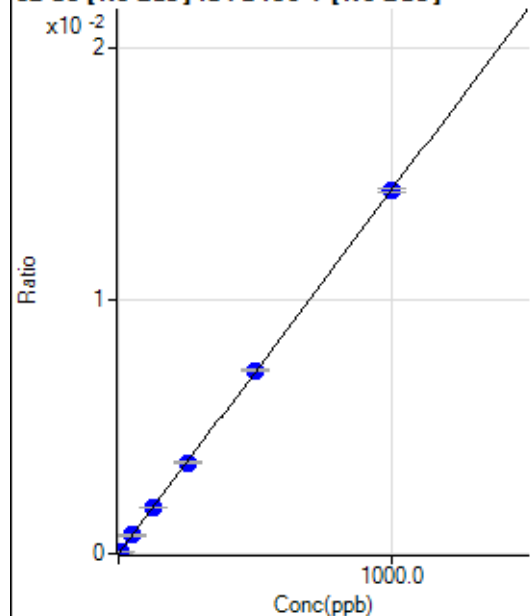
$$R = 1.0000$$

$$DL = 1.741$$

$$BEC = 3.666$$

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	11.80	0.0000	P	281.
2	☐	0.500					
3	☐	5.000	3.918	250.79	0.0001	P	19.1
4	☐	50.000	50.319	3052.38	0.0007	P	2.1
5	☐	125.000	126.143	7581.57	0.0018	P	1.0
6	☐	250.000	250.824	15030.75	0.0036	P	1.9
7	☐	500.000	503.084	29926.70	0.0072	P	0.8
8	☐	1000.000	998.099	59140.48	0.0143	P	1.1
9	☐			120.99	0.0000	P	35.3

$$y = 1.4365\text{E-}005 * x + 2.7702\text{E-}006$$

$$R = 1.0000$$

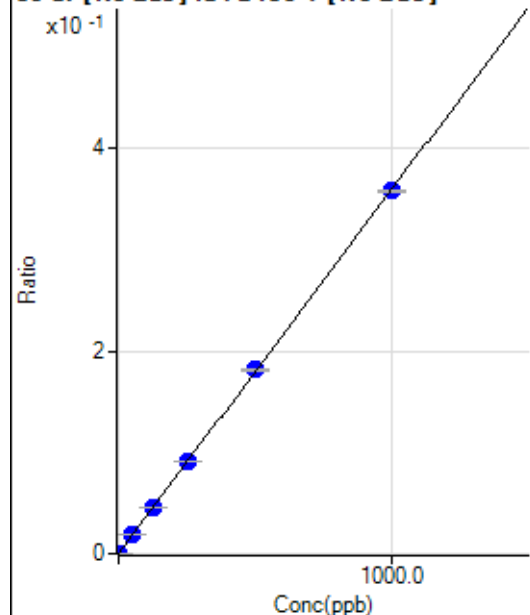
$$DL = 1.629$$

$$BEC = 0.1928$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	852.84	0.0002	P	11.9
2	☐	0.100					
3	☐	1.000	0.878	2186.37	0.0005	P	8.0
4	☐	50.000	50.194	76638.13	0.0182	P	0.2
5	☐	125.000	126.428	190419.91	0.0456	P	0.9
6	☐	250.000	252.866	379177.31	0.0910	P	0.8
7	☐	500.000	504.837	750948.17	0.1814	P	1.0
8	☐	1000.000	996.677	1476284.21	0.3580	P	0.6
9	☐			44202.05	0.0112	P	1.0

$$y = 3.5896E-004 * x + 1.9951E-004$$

$$R = 1.0000$$

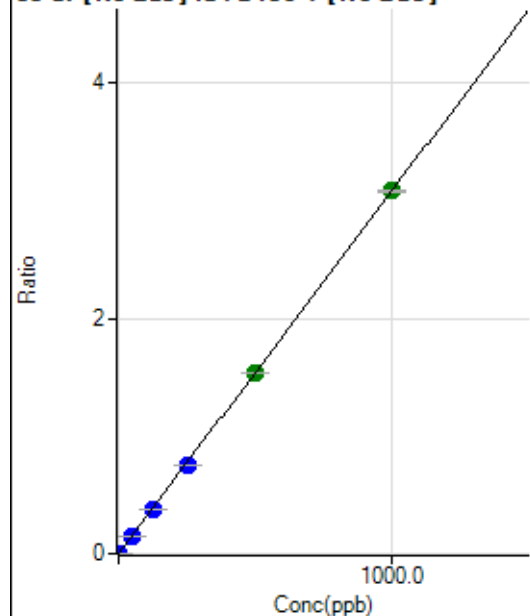
$$DL = 0.1985$$

$$BEC = 0.5558$$

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	222.23	0.0001	P	14.4
2	☐	0.100					
3	☐	1.000	0.919	12230.68	0.0029	P	2.4
4	☐	50.000	49.979	647291.47	0.1539	P	0.6
5	☐	125.000	124.269	1597894.96	0.3825	P	0.2
6	☐	250.000	244.231	3133212.79	0.7517	P	0.9
7	☐	500.000	499.879	6368334.56	1.5385	A	0.7
8	☐	1000.000	1001.595	12712439.00	3.0825	A	0.8
9	☐			371162.40	0.0942	P	0.4

$$y = 0.0031 * x + 5.2006E-005$$

$$R = 1.0000$$

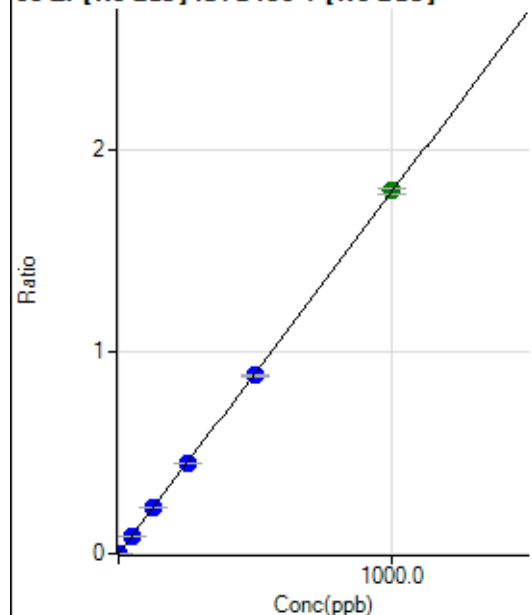
$$DL = 0.007319$$

$$BEC = 0.0169$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	247.24	0.0001	P	3.9
2	☐	0.100					
3	☐	1.000	0.679	5401.22	0.0013	P	7.3
4	☐	50.000	49.475	372643.98	0.0886	P	0.4
5	☐	125.000	125.593	938961.26	0.2248	P	0.8
6	☐	250.000	249.933	1864174.87	0.4472	P	0.8
7	☐	500.000	492.317	3646427.60	0.8809	P	0.5
8	☐	1000.000	1003.811	7406761.71	1.7960	A	1.3
9	☐			1936.33	0.0005	P	4.6

$$y = 0.0018 * x + 5.7844E-005$$

$$R = 1.0000$$

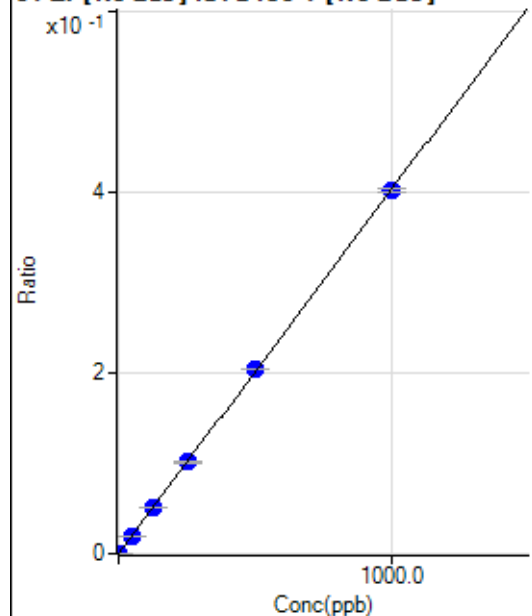
$$DL = 0.003761$$

$$BEC = 0.03233$$

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	50.00	0.0000	P	33.6
2	☐	0.100					
3	☐	1.000	0.716	1275.12	0.0003	P	3.0
4	☐	50.000	48.544	82311.52	0.0196	P	0.8
5	☐	125.000	124.935	210284.99	0.0503	P	1.0
6	☐	250.000	251.784	422800.02	0.1014	P	1.2
7	☐	500.000	506.974	845408.73	0.2042	P	0.4
8	☐	1000.000	996.148	1654846.07	0.4013	P	1.2
9	☐			491.69	0.0001	P	9.6

$$y = 4.0281E-004 * x + 1.1704E-005$$

$$R = 1.0000$$

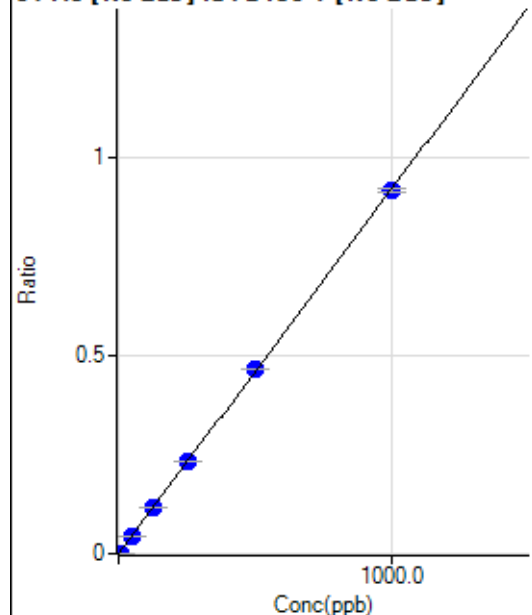
$$DL = 0.02926$$

$$BEC = 0.02906$$

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	202.79	0.0000	P	8.4
2	☐	0.500					
3	☐	5.000	1.921	7694.04	0.0018	P	4.8
4	☐	50.000	49.336	190861.01	0.0454	P	0.5
5	☐	125.000	127.146	488114.92	0.1168	P	0.6
6	☐	250.000	254.086	973070.10	0.2334	P	0.9
7	☐	500.000	506.442	1925928.30	0.4653	P	0.5
8	☐	1000.000	995.538	3771511.63	0.9145	P	1.2
9	☐			4767.66	0.0012	P	7.2

$$y = 9.1859\text{E-}004 * x + 4.7440\text{E-}005$$

$$R = 0.9999$$

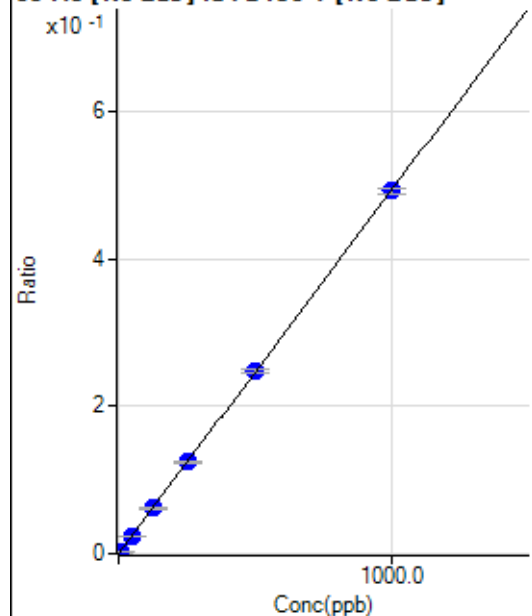
$$DL = 0.01299$$

$$BEC = 0.05164$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	180.57	0.0000	P	17.7
2	☐	0.500					
3	☐	5.000	4.635	9892.71	0.0023	P	3.9
4	☐	50.000	48.789	101467.42	0.0241	P	0.2
5	☐	125.000	124.419	256668.61	0.0614	P	0.5
6	☐	250.000	251.752	518013.42	0.1243	P	0.9
7	☐	500.000	502.809	1027242.74	0.2482	P	1.4
8	☐	1000.000	998.293	2031764.11	0.4927	P	1.3
9	☐			6749.09	0.0017	P	11.3

$$y = 4.9348\text{E-}004 * x + 4.2256\text{E-}005$$

$$R = 1.0000$$

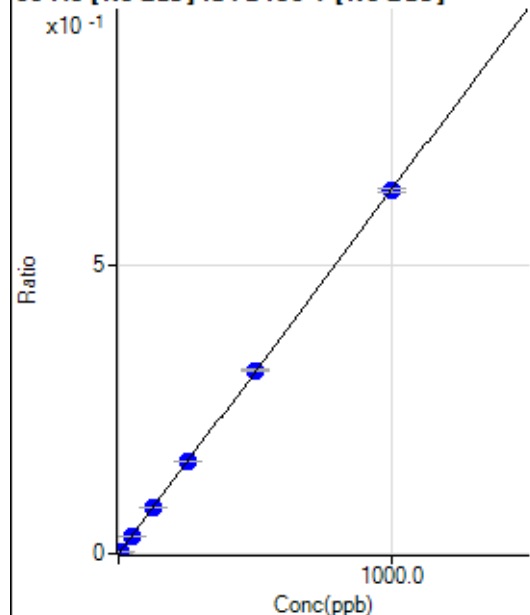
$$DL = 0.04545$$

$$BEC = 0.08563$$

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	175.01	0.0000	P	26.4
2	☐	0.500					
3	☐	5.000	4.037	10996.39	0.0026	P	2.3
4	☐	50.000	49.323	131144.55	0.0312	P	1.0
5	☐	125.000	125.459	330987.24	0.0792	P	0.5
6	☐	250.000	253.401	666885.11	0.1600	P	0.4
7	☐	500.000	504.120	1317338.44	0.3182	P	0.6
8	☐	1000.000	997.071	2595603.51	0.6294	P	1.0
9	☐			9906.60	0.0025	P	3.8

$$y = 6.3120\text{E-}004 * x + 4.0942\text{E-}005$$

$$R = 1.0000$$

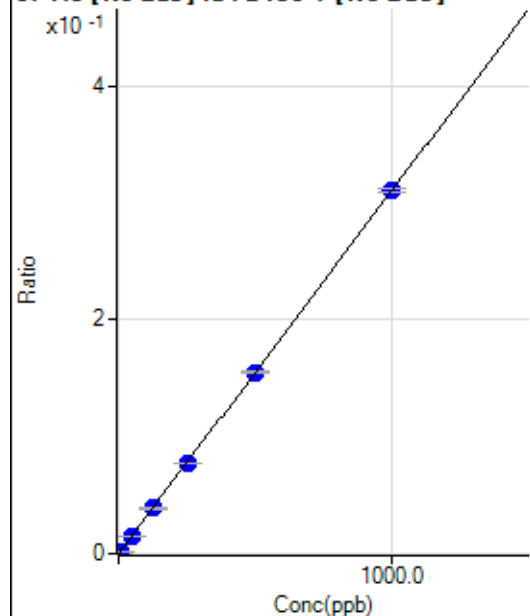
$$DL = 0.05142$$

$$BEC = 0.06486$$

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	80.56	0.0000	P	49.1
2	☐	0.500					
3	☐	5.000	4.585	6112.66	0.0014	P	7.0
4	☐	50.000	48.951	63899.14	0.0152	P	0.5
5	☐	125.000	124.906	161779.98	0.0387	P	1.2
6	☐	250.000	248.666	321292.09	0.0771	P	0.3
7	☐	500.000	500.057	641531.51	0.1550	P	1.1
8	☐	1000.000	1000.372	1278548.83	0.3100	P	1.2
9	☐			4411.98	0.0011	P	9.2

$$y = 3.0989\text{E-}004 * x + 1.8862\text{E-}005$$

$$R = 1.0000$$

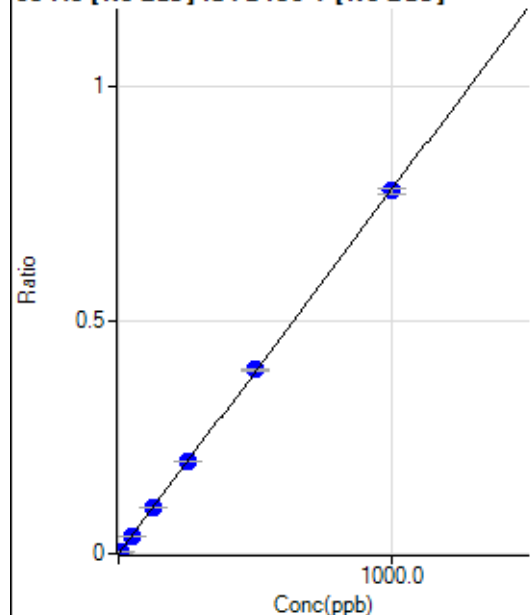
$$DL = 0.08971$$

$$BEC = 0.06087$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	219.46	0.0001	P	30.5
2	☐	0.500					
3	☐	5.000	4.712	15834.27	0.0037	P	0.6
4	☐	50.000	49.400	162392.05	0.0386	P	0.9
5	☐	125.000	125.374	408929.66	0.0979	P	0.5
6	☐	250.000	252.175	820500.66	0.1968	P	0.2
7	☐	500.000	505.195	1632104.83	0.3943	P	0.8
8	☐	1000.000	996.844	3208114.20	0.7779	P	1.7
9	☐			10926.89	0.0028	P	11.2

$$y = 7.8036E-004 * x + 5.1321E-005$$

$$R = 1.0000$$

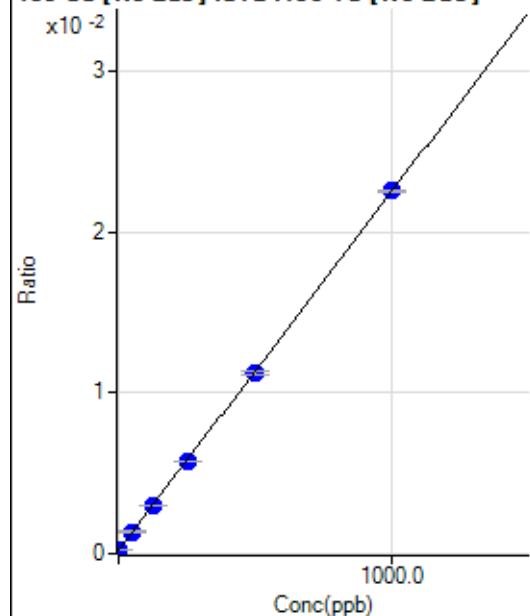
$$DL = 0.06012$$

$$BEC = 0.06577$$

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	883.40	0.0002	P	12.5
2	☐	0.100					
3	☐	1.000	1.034	975.08	0.0002	P	11.0
4	☐	50.000	51.566	5598.56	0.0014	P	6.1
5	☐	125.000	124.695	12269.63	0.0030	P	2.6
6	☐	250.000	249.818	23776.20	0.0058	P	0.6
7	☐	500.000	494.805	45941.76	0.0112	P	1.3
8	☐	1000.000	1002.603	90915.85	0.0226	P	0.6
9	☐			763.95	0.0002	P	6.0

$$y = 2.2306E-005 * x + 2.1075E-004$$

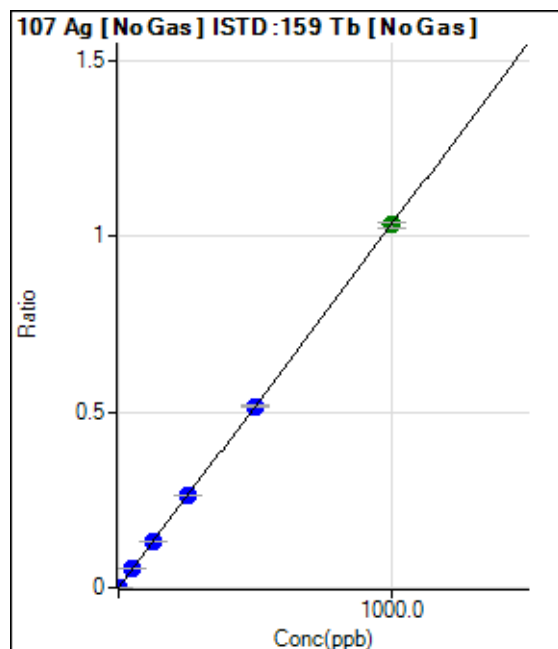
$$R = 1.0000$$

$$DL = 3.53$$

$$BEC = 9.448$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	67.2
2	☐	0.100					
3	☐	1.000	1.094	4737.11	0.0011	P	5.0
4	☐	50.000	52.168	221577.69	0.0539	P	0.4
5	☐	125.000	128.433	543792.19	0.1326	P	1.7
6	☐	250.000	253.992	1078220.32	0.2623	P	0.7
7	☐	500.000	498.560	2102690.82	0.5148	P	0.9
8	☐	1000.000	999.184	4154782.30	1.0317	A	1.3
9	☐			405.58	0.0001	P	16.3

$$y = 0.0010 * x + 5.9779E-006$$

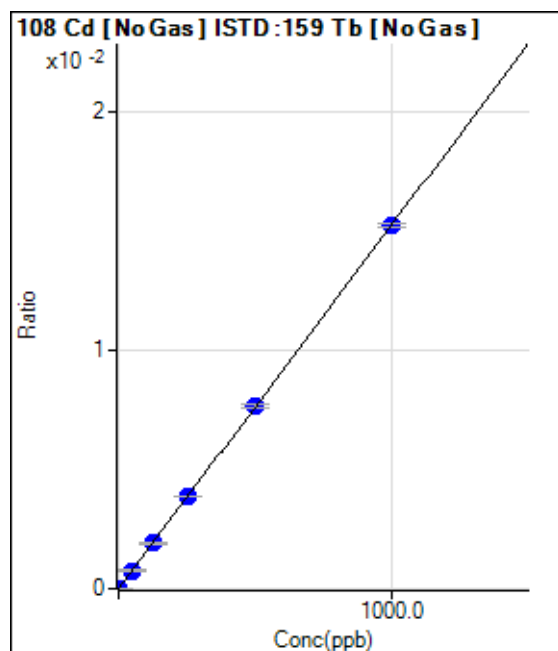
$$R = 1.0000$$

$$DL = 0.01167$$

$$BEC = 0.005789$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6.94	0.0000	P	34.1
2	☐	0.100					
3	☐	1.000	0.876	62.50	0.0000	P	29.4
4	☐	50.000	49.391	3101.79	0.0008	P	7.1
5	☐	125.000	125.309	7834.25	0.0019	P	1.8
6	☐	250.000	253.236	15866.04	0.0039	P	0.8
7	☐	500.000	502.124	31247.11	0.0077	P	2.2
8	☐	1000.000	998.121	61237.17	0.0152	P	1.1
9	☐			6.95	0.0000	P	125.

$$y = 1.5233E-005 * x + 1.6548E-006$$

$$R = 1.0000$$

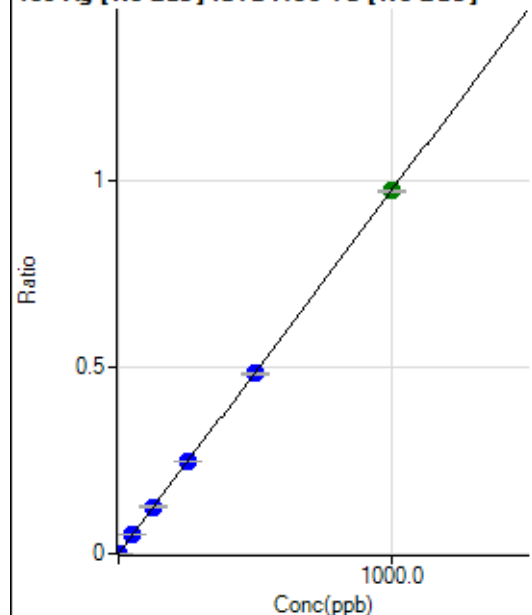
$$DL = 0.1112$$

$$BEC = 0.1086$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.33	0.0000	P	99.8
2	☐	0.100					
3	☐	1.000	1.167	4750.99	0.0011	P	3.8
4	☐	50.000	52.132	208858.67	0.0508	P	0.4
5	☐	125.000	129.382	516747.11	0.1260	P	0.7
6	☐	250.000	253.811	1016371.16	0.2472	P	0.3
7	☐	500.000	497.279	1978370.60	0.4844	P	1.0
8	☐	1000.000	999.753	3921634.37	0.9738	A	0.6
9	☐			388.91	0.0001	P	8.8

$$y = 9.7401\text{E-}004 * x + 1.9791\text{E-}006$$

$$R = 1.0000$$

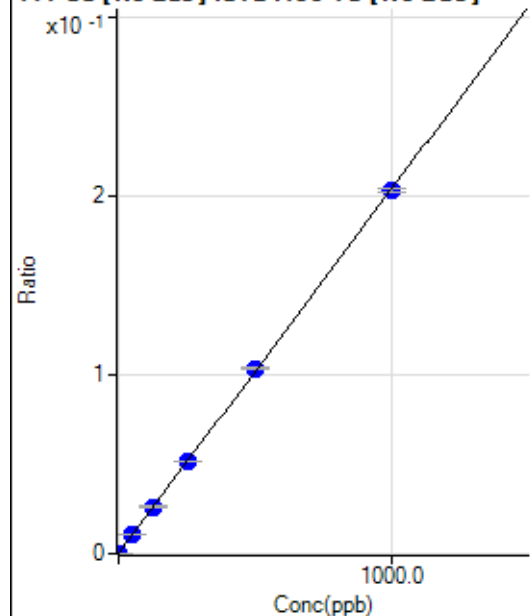
$$DL = 0.006082$$

$$BEC = 0.002032$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	635.74	0.0002	P	9.6
2	☐	0.100					
3	☐	1.000	1.061	1534.68	0.0004	P	3.8
4	☐	50.000	51.393	43707.20	0.0106	P	0.9
5	☐	125.000	128.291	107841.09	0.0263	P	0.7
6	☐	250.000	254.567	213934.50	0.0520	P	0.4
7	☐	500.000	506.342	422147.77	0.1034	P	1.0
8	☐	1000.000	995.206	817472.65	0.2030	P	1.1
9	☐			695.18	0.0002	P	3.5

$$y = 2.0382\text{E-}004 * x + 1.5169\text{E-}004$$

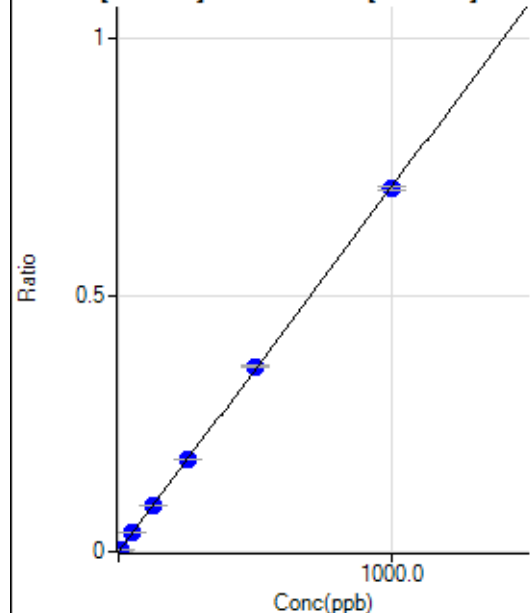
$$R = 1.0000$$

$$DL = 0.2149$$

$$BEC = 0.7442$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	238.90	0.0001	P	16.1
2	☐	0.500					
3	☐	5.000	5.031	15144.78	0.0036	P	1.0
4	☐	50.000	51.055	149416.39	0.0363	P	1.2
5	☐	125.000	128.209	373706.74	0.0911	P	0.3
6	☐	250.000	253.465	740507.66	0.1801	P	0.5
7	☐	500.000	507.434	1472611.95	0.3605	P	1.2
8	☐	1000.000	994.963	2846724.87	0.7069	P	1.0
9	☐			3825.71	0.0010	P	9.5

$$y = 7.1040\text{E-}004 * x + 5.7046\text{E-}005$$

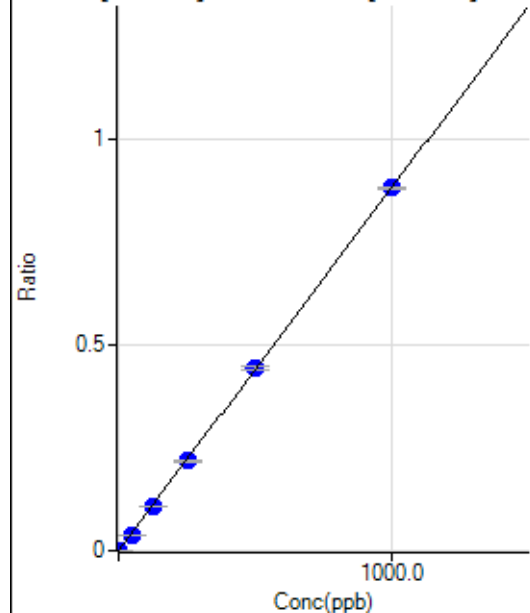
$$R = 0.9999$$

$$DL = 0.0389$$

$$BEC = 0.0803$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0000	P	43.3
2	☐	0.200					
3	☐	2.000	1.994	7338.32	0.0018	P	3.4
4	☐	50.000	41.749	151116.35	0.0367	P	2.3
5	☐	125.000	120.054	433160.83	0.1056	P	0.3
6	☐	250.000	246.799	892791.38	0.2172	P	0.8
7	☐	500.000	503.259	1808626.06	0.4428	P	1.2
8	☐	1000.000	1000.202	3544116.01	0.8800	P	0.8
9	☐			15219.98	0.0039	P	5.6

$$y = 8.7986\text{E-}004 * x + 5.3043\text{E-}006$$

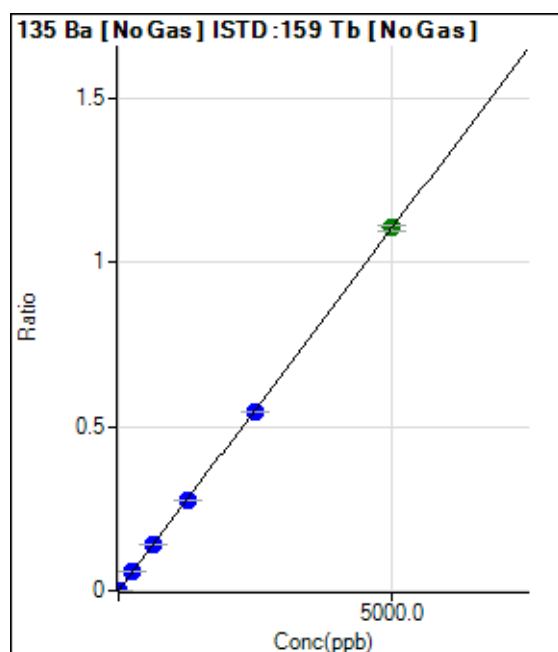
$$R = 1.0000$$

$$DL = 0.007824$$

$$BEC = 0.006029$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.67	0.0000	P	39.1
2	☐	1.000					
3	☐	10.000	9.459	8783.68	0.0021	P	2.2
4	☐	250.000	253.119	229468.25	0.0558	P	0.5
5	☐	625.000	629.313	568621.78	0.1387	P	1.0
6	☐	1250.000	1244.635	1127462.11	0.2742	P	0.9
7	☐	2500.000	2470.502	2223332.93	0.5443	P	0.9
8	☐	5000.000	5015.396	4450071.15	1.1050	A	1.3
9	☐			1322.34	0.0003	P	3.4

$$y = 2.2032\text{E-}004 * x + 2.1841\text{E-}005$$

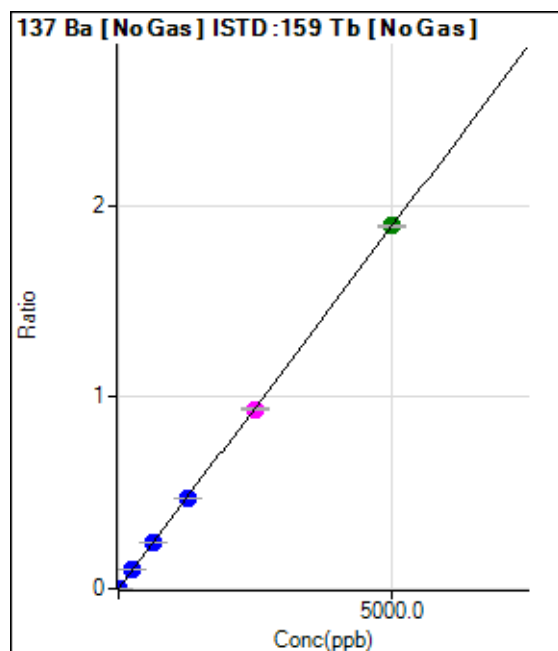
$$R = 1.0000$$

$$DL = 0.1164$$

$$BEC = 0.09913$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	158.34	0.0000	P	10.2
2	☐	1.000					
3	☐	10.000	9.617	15297.92	0.0037	P	3.5
4	☐	250.000	253.939	394408.45	0.0959	P	0.9
5	☐	625.000	628.332	972672.19	0.2372	P	0.4
6	☐	1250.000	1246.502	1934516.26	0.4705	P	0.5
7	☐	2500.000	2476.565	3818840.02	0.9348	M	0.9
8	☐	5000.000	5011.980	7618998.43	1.8919	A	0.8
9	☐			2394.76	0.0006	P	8.1

$$y = 3.7746\text{E-}004 * x + 3.7785\text{E-}005$$

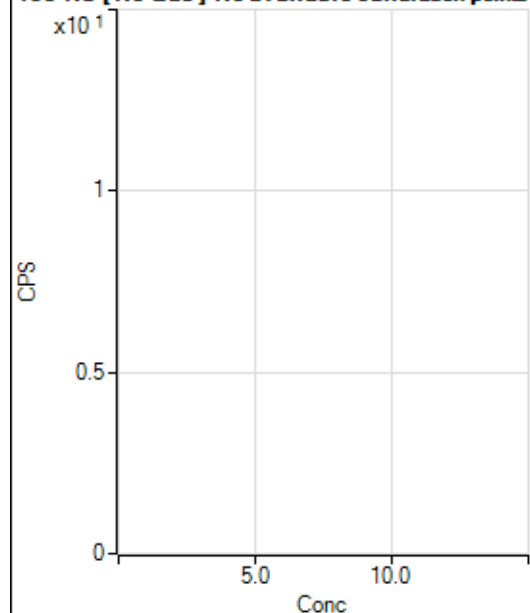
$$R = 1.0000$$

$$DL = 0.03061$$

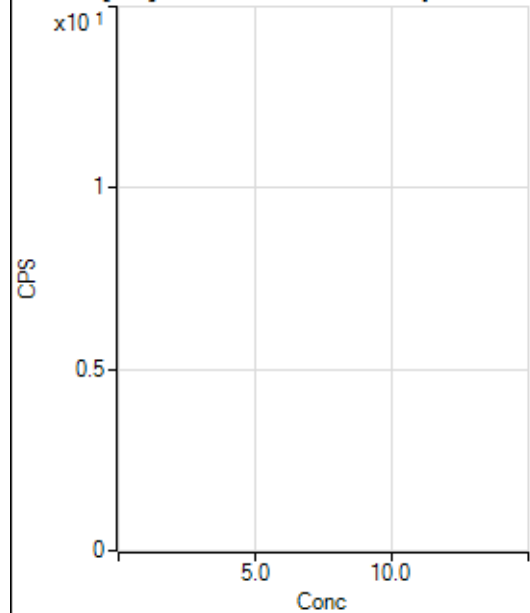
$$BEC = 0.1001$$

Weight: <None>

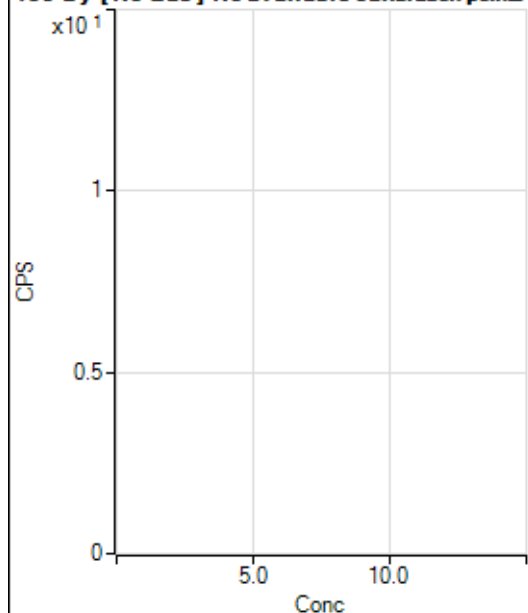
Min Conc: 0

150 Nd [No Gas] No available calibration points

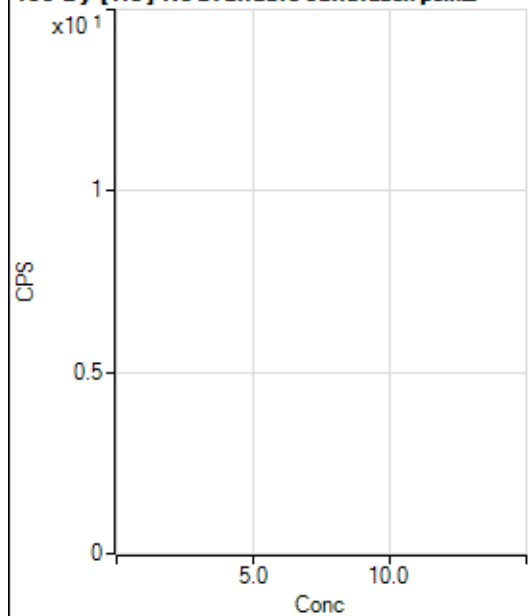
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			2.22		P	173.
4	☐			8.89		P	114.
5	☐			11.11		P	34.6
6	☐			44.44		P	31.2
7	☐			91.11		P	8.4
8	☐			155.56		P	35.7
9	☐			68.89		P	31.1

150 Nd [He] No available calibration points

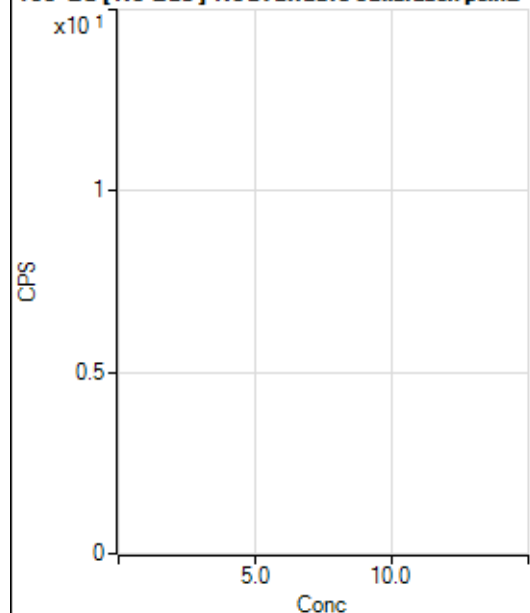
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			2.22		P	86.6
5	☐			2.22		P	86.6
6	☐			5.56		P	34.7
7	☐			7.78		P	49.5
8	☐			13.33		P	25.0
9	☐			16.67		P	34.6

156 Dy [No Gas] No available calibration points

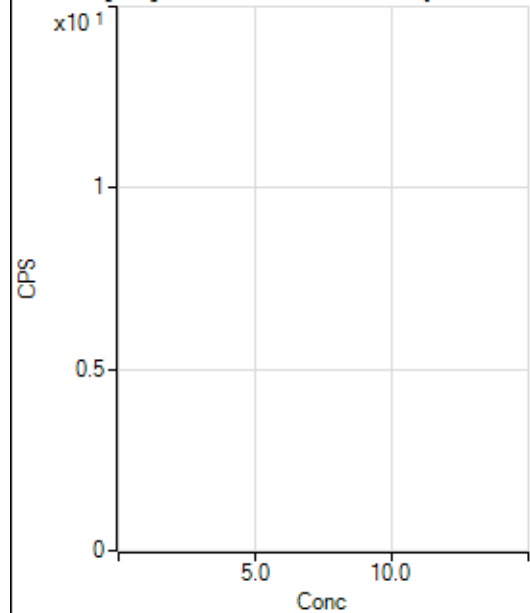
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	100.
2	☐						
3	☐			22.22		P	43.3
4	☐			33.33		P	50.0
5	☐			19.45		P	107.
6	☐			27.78		P	17.3
7	☐			44.45		P	78.1
8	☐			41.67		P	20.0
9	☐			33.33		P	25.0

156 Dy [He] No available calibration points

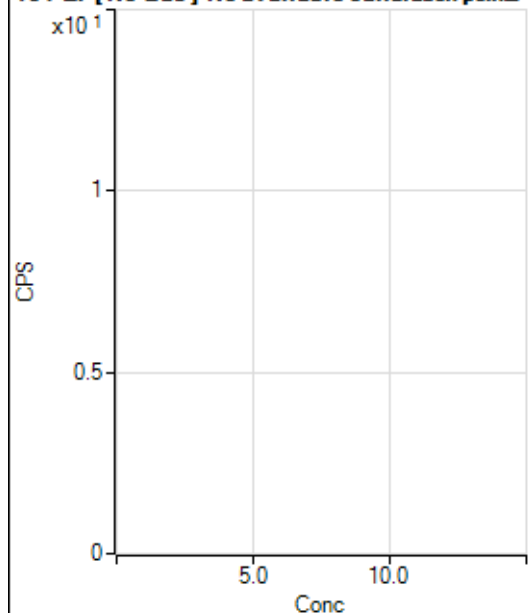
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.
2	☐						
3	☐			2.22		P	173.
4	☐			10.00		P	115.
5	☐			2.22		P	86.6
6	☐			10.00		P	33.3
7	☐			2.22		P	86.6
8	☐			11.11		P	91.7
9	☐			14.44		P	35.3

160 Gd [No Gas] Noavailable calibration poin...

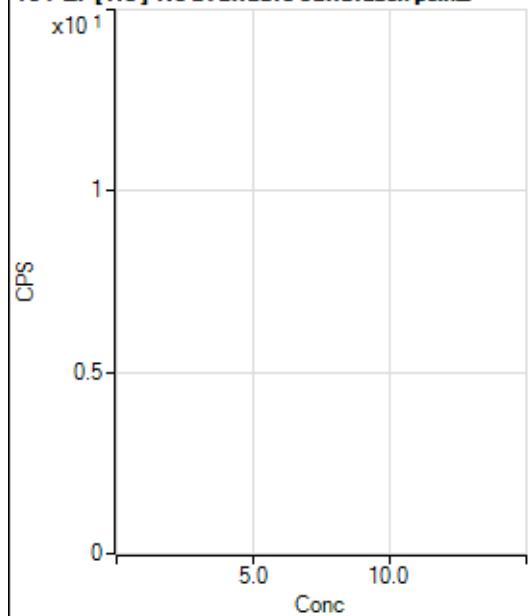
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	43.3
2	☐						
3	☐			16.67		P	50.0
4	☐			16.67		P	86.6
5	☐			11.11		P	114.
6	☐			13.89		P	34.7
7	☐			13.89		P	34.7
8	☐			27.78		P	17.3
9	☐			52.78		P	39.7

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			6.67		P	100.
4	☐			5.55		P	69.3
5	☐			4.44		P	43.4
6	☐			4.45		P	86.6
7	☐			8.89		P	43.3
8	☐			15.56		P	65.5
9	☐			18.89		P	81.5

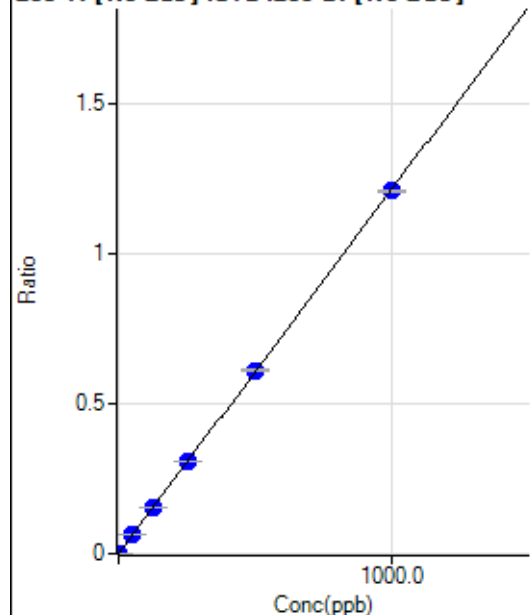
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	33.3
2	☐						
3	☐			27.78		P	17.3
4	☐			13.89		P	34.7
5	☐			16.67		P	NaN
6	☐			16.67		P	50.0
7	☐			30.56		P	56.8
8	☐			13.89		P	124.
9	☐			22.22		P	78.1

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐						
3	☐			12.22		P	15.7
4	☐			6.67		P	132.
5	☐			8.89		P	21.6
6	☐			5.55		P	124.
7	☐			12.22		P	31.5
8	☐			15.55		P	44.6
9	☐			24.44		P	7.9

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	105.56	0.0000	P	32.5
2	☐	0.100					
3	☐	1.000	1.012	2997.70	0.0013	P	2.8
4	☐	50.000	50.657	144866.15	0.0615	P	0.8
5	☐	125.000	127.224	361838.00	0.1544	P	0.8
6	☐	250.000	254.494	723901.17	0.3088	P	0.3
7	☐	500.000	503.893	1424401.03	0.6114	P	0.7
8	☐	1000.000	996.619	2745086.61	1.2093	P	0.6
9	☐			1063.98	0.0005	P	18.8

$$y = 0.0012 * x + 4.4507E-005$$

$$R = 1.0000$$

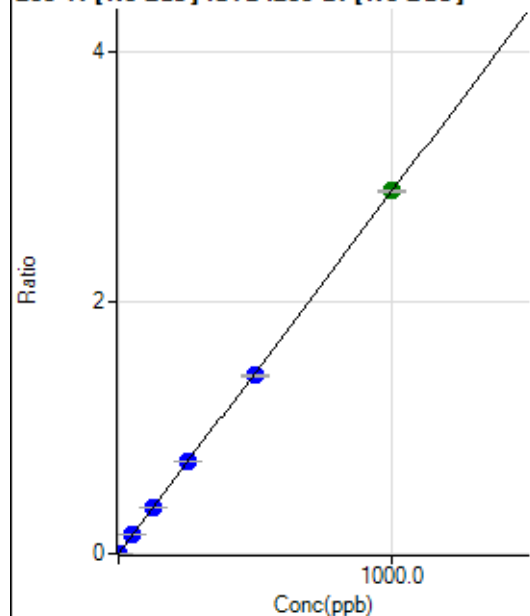
$$DL = 0.03581$$

$$BEC = 0.03668$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	261.13	0.0001	P	20.1
2	☐	0.100					
3	☐	1.000	1.013	7138.34	0.0030	P	2.7
4	☐	50.000	50.922	346075.83	0.1469	P	0.5
5	☐	125.000	127.725	863279.52	0.3684	P	0.9
6	☐	250.000	253.181	1711440.27	0.7301	P	0.2
7	☐	500.000	492.357	3307501.33	1.4198	P	0.4
8	☐	1000.000	1002.639	6562841.47	2.8911	A	0.9
9	☐			2439.23	0.0012	P	17.2

$$y = 0.0029 * x + 1.1011E-004$$

$$R = 0.9999$$

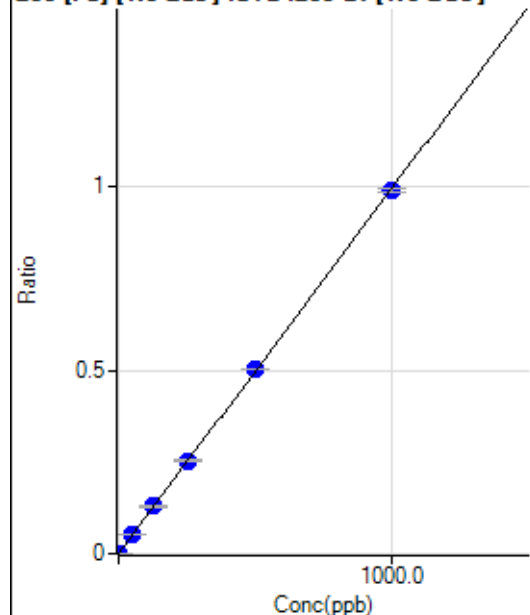
$$DL = 0.02305$$

$$BEC = 0.03819$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	390.76	0.0002	P	12.9
2	☐	0.100					
3	☐	1.000	1.003	2737.40	0.0012	P	5.1
4	☐	50.000	50.918	119609.05	0.0508	P	0.3
5	☐	125.000	129.045	301015.77	0.1285	P	0.7
6	☐	250.000	255.188	595049.09	0.2539	P	0.6
7	☐	500.000	507.050	1174699.74	0.5043	P	0.2
8	☐	1000.000	994.626	2244971.14	0.9890	P	1.2
9	☐			7756.17	0.0038	P	3.5

$$y = 9.9416E-004 * x + 1.6489E-004$$

$$R = 0.9999$$

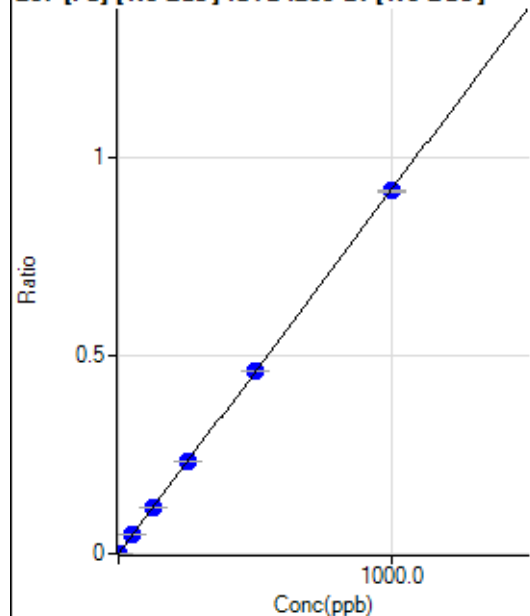
$$DL = 0.06437$$

$$BEC = 0.1659$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	337.05	0.0001	P	15.2
2	☐	0.100					
3	☐	1.000	0.924	2333.61	0.0010	P	0.7
4	☐	50.000	50.601	109752.93	0.0466	P	0.7
5	☐	125.000	127.921	275558.06	0.1176	P	0.3
6	☐	250.000	253.963	546882.84	0.2333	P	0.2
7	☐	500.000	503.216	1076645.29	0.4622	P	0.2
8	☐	1000.000	997.006	2078243.55	0.9155	P	0.6
9	☐			6939.05	0.0034	P	1.8

$$y = 9.1813E-004 * x + 1.4227E-004$$

$$R = 1.0000$$

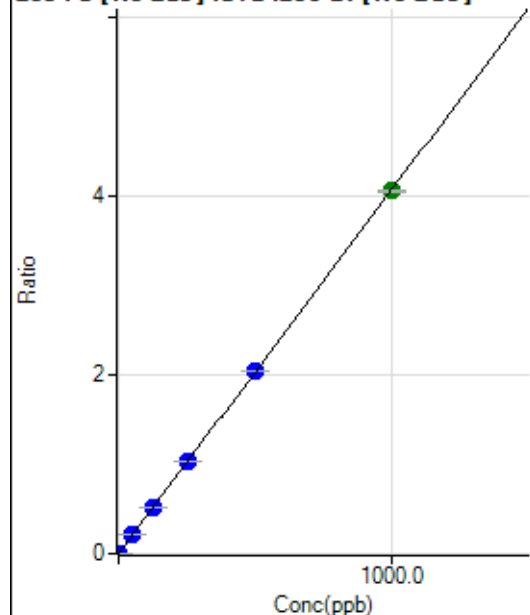
$$DL = 0.07049$$

$$BEC = 0.155$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1459.34	0.0006	P	3.6
2	☐	0.100					
3	☐	1.000	0.988	10920.61	0.0046	P	1.7
4	☐	50.000	50.891	489319.49	0.2078	P	0.3
5	☐	125.000	127.966	1222040.01	0.5215	P	0.4
6	☐	250.000	254.115	2425942.71	1.0350	P	0.3
7	☐	500.000	501.632	4758102.18	2.0425	P	0.2
8	☐	1000.000	997.740	9220427.19	4.0618	A	0.3
9	☐			31411.70	0.0155	P	1.2

$$y = 0.0041 * x + 6.1566E-004$$

$$R = 1.0000$$

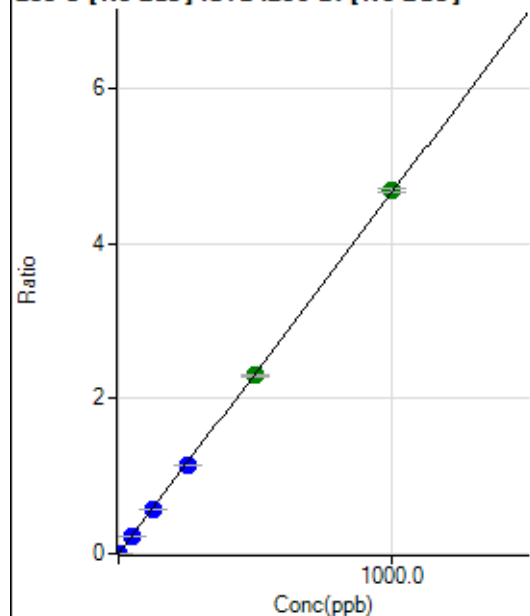
$$DL = 0.01618$$

$$BEC = 0.1513$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	797.29	0.0003	P	15.4
2	☐	0.100					
3	☐	1.000	0.956	11294.24	0.0048	P	0.8
4	☐	50.000	48.526	533616.63	0.2266	P	0.3
5	☐	125.000	122.370	1337665.23	0.5708	P	0.5
6	☐	250.000	243.453	2661189.97	1.1353	P	0.4
7	☐	500.000	493.680	5362492.79	2.3019	A	0.5
8	☐	1000.000	1005.199	10638742.95	4.6867	A	0.9
9	☐			847.29	0.0004	P	13.3

$$y = 0.0047 * x + 3.3621E-004$$

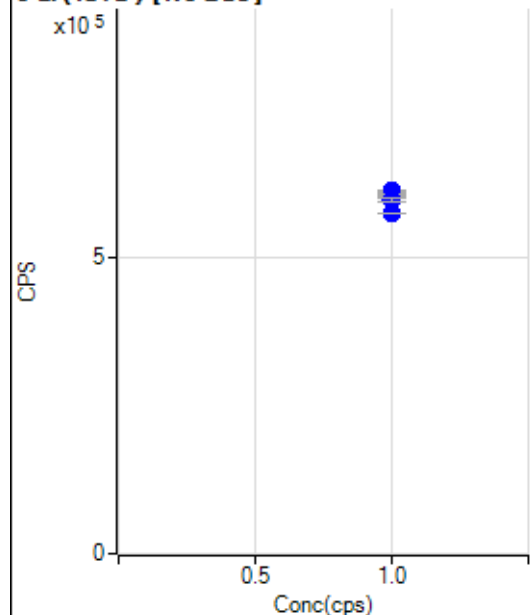
$$R = 0.9999$$

$$DL = 0.03331$$

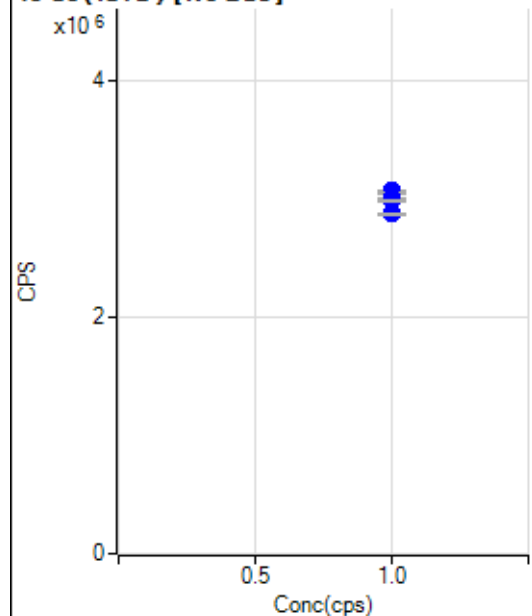
$$BEC = 0.07212$$

Weight: <None>

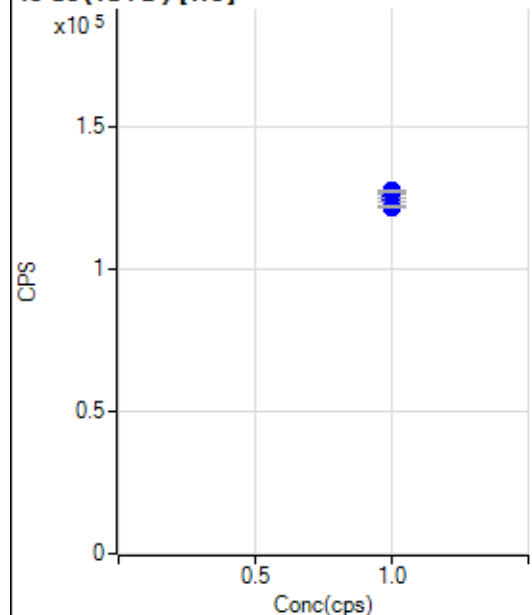
Min Conc: 0

6 Li (ISTD) [No Gas]

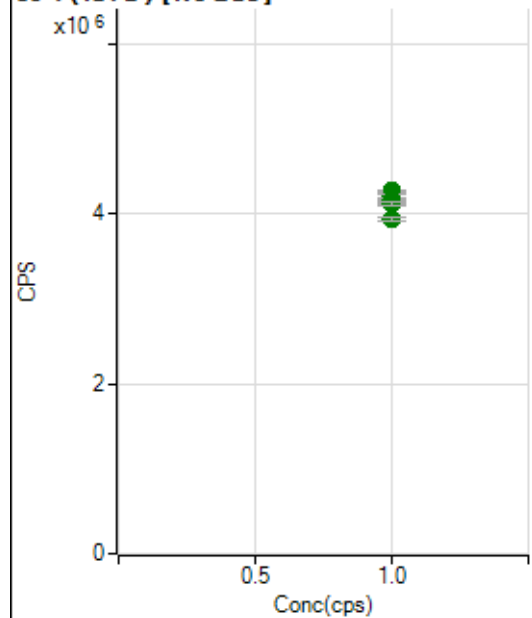
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		611823.40		P	0.5
2	☐	1.000					
3	☐	1.000		607735.00		P	0.7
4	☐	1.000		604677.23		P	0.4
5	☐	1.000		606413.83		P	0.4
6	☐	1.000		614375.72		P	0.3
7	☐	1.000		608239.92		P	0.4
8	☐	1.000		599586.41		P	0.8
9	☐	1.000		576186.61		P	0.4

45 Sc (ISTD) [No Gas]

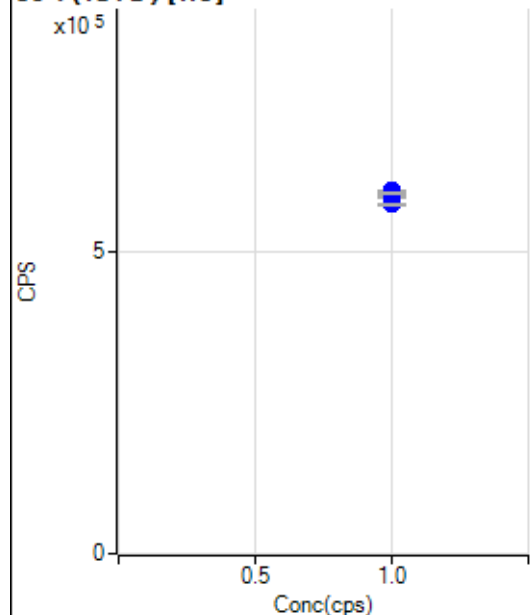
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3063030.86		P	0.4
2	☐	1.000					
3	☐	1.000		3046146.94		P	0.5
4	☐	1.000		3009121.25		P	0.1
5	☐	1.000		3003670.06		P	0.2
6	☐	1.000		2996371.05		P	0.0
7	☐	1.000		2987490.63		P	0.1
8	☐	1.000		2986009.22		P	0.6
9	☐	1.000		2867113.19		P	0.4

45 Sc (ISTD) [He]

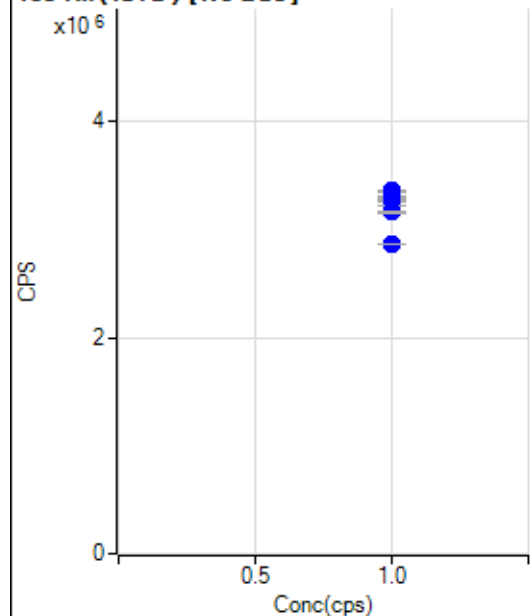
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		127556.24		P	0.8
2	☐	1.000					
3	☐	1.000		127108.24		P	0.8
4	☐	1.000		126045.81		P	1.4
5	☐	1.000		125624.90		P	0.8
6	☐	1.000		124685.33		P	1.1
7	☐	1.000		125678.36		P	0.7
8	☐	1.000		127173.02		P	0.6
9	☐	1.000		121979.27		P	0.5

89 Y (ISTD) [No Gas]

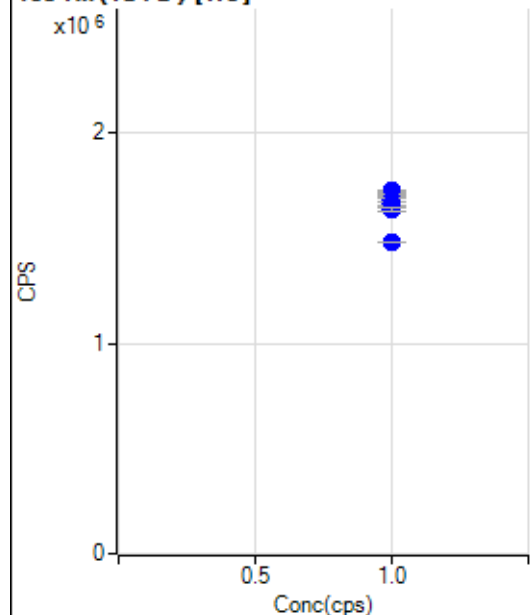
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4274155.60		A	0.2
2	☐	1.000					
3	☐	1.000		4247182.78		A	0.7
4	☐	1.000		4207018.06		A	0.9
5	☐	1.000		4177533.90		A	0.1
6	☐	1.000		4168396.40		A	0.6
7	☐	1.000		4139531.50		A	0.6
8	☐	1.000		4124275.08		A	1.0
9	☐	1.000		3942283.90		A	0.7

89 Y (ISTD) [He]

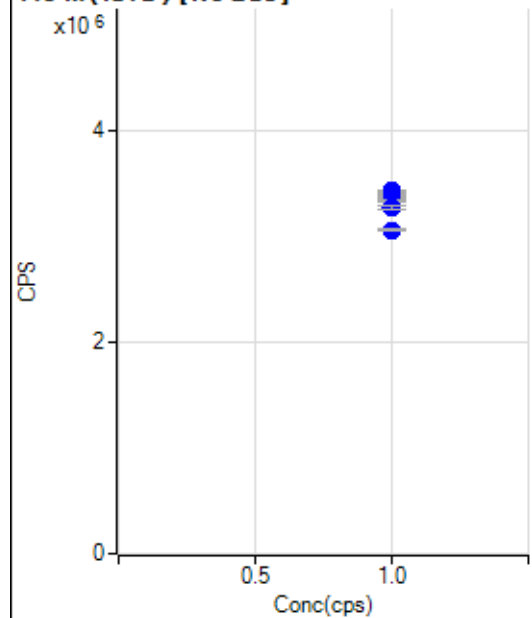
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		599051.39		P	0.8
2	☐	1.000					
3	☐	1.000		595797.01		P	0.6
4	☐	1.000		595778.16		P	0.6
5	☐	1.000		590124.31		P	0.3
6	☐	1.000		588227.69		P	0.6
7	☐	1.000		591561.45		P	0.4
8	☐	1.000		595211.08		P	0.3
9	☐	1.000		576687.67		P	0.6

103 Rh (ISTD) [No Gas]

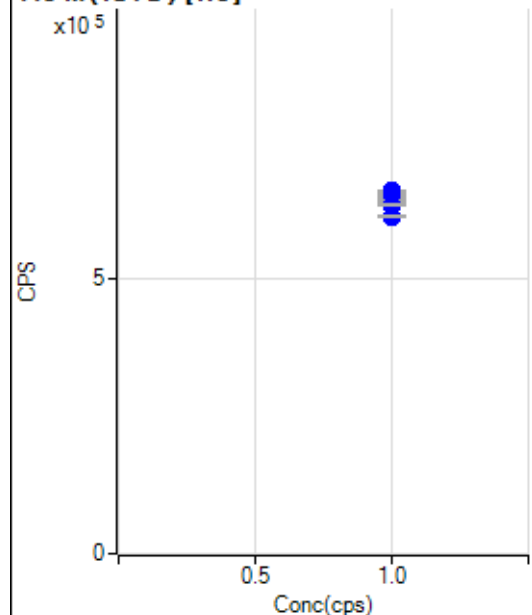
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3360453.42		P	0.3
2	☐	1.000					
3	☐	1.000		3349511.40		P	0.4
4	☐	1.000		3305636.70		P	0.5
5	☐	1.000		3278936.58		P	0.4
6	☐	1.000		3260636.56		P	0.2
7	☐	1.000		3229741.91		P	0.1
8	☐	1.000		3167568.08		P	0.4
9	☐	1.000		2866270.23		P	0.4

103 Rh (ISTD) [He]

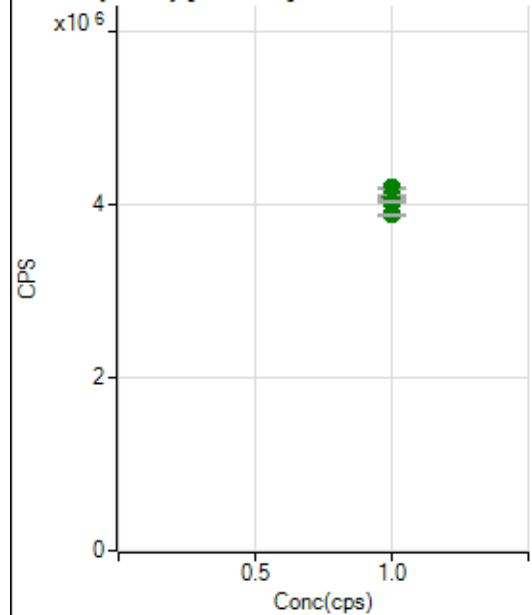
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1726833.20		P	0.4
2	☐	1.000					
3	☐	1.000		1718315.48		P	0.6
4	☐	1.000		1709014.54		P	0.8
5	☐	1.000		1683265.43		P	0.7
6	☐	1.000		1668846.19		P	1.2
7	☐	1.000		1656634.56		P	0.4
8	☐	1.000		1639008.08		P	0.7
9	☐	1.000		1482542.67		P	0.2

115 In (ISTD) [No Gas]

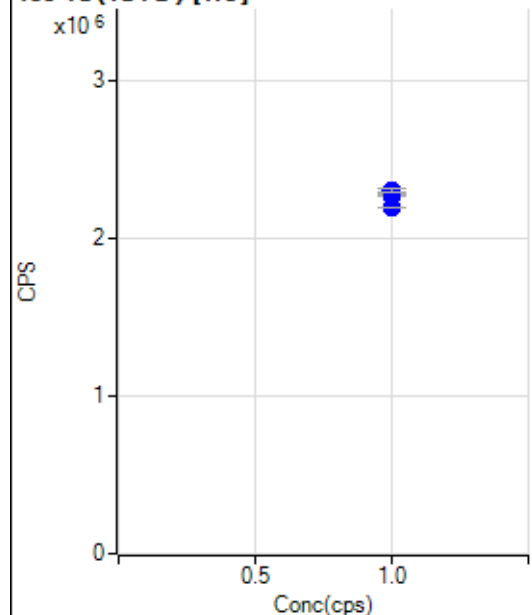
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3429972.38		P	0.7
2	☐	1.000					
3	☐	1.000		3409938.64		P	0.3
4	☐	1.000		3381028.68		P	0.4
5	☐	1.000		3379184.09		P	0.2
6	☐	1.000		3357443.07		P	0.1
7	☐	1.000		3337799.30		P	0.3
8	☐	1.000		3269989.92		P	0.7
9	☐	1.000		3059283.63		P	0.6

115 In (ISTD) [He]

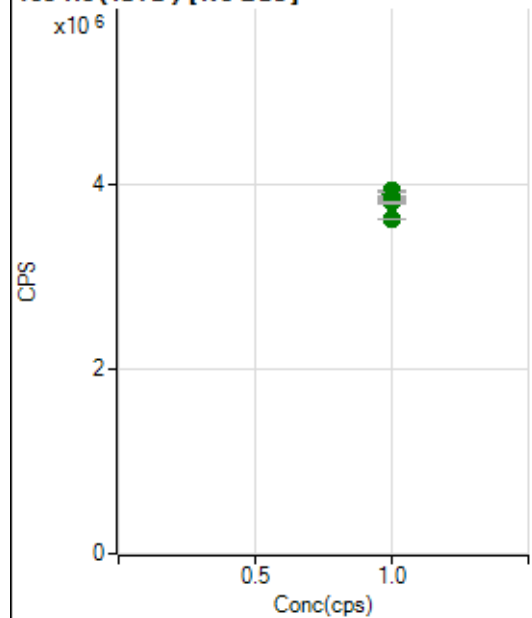
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		660188.59		P	0.2
2	☐	1.000					
3	☐	1.000		657756.55		P	0.7
4	☐	1.000		655267.95		P	0.7
5	☐	1.000		649907.45		P	0.4
6	☐	1.000		644415.09		P	0.8
7	☐	1.000		641257.47		P	0.5
8	☐	1.000		634180.10		P	0.4
9	☐	1.000		613124.38		P	0.6

159 Tb (ISTD) [No Gas]

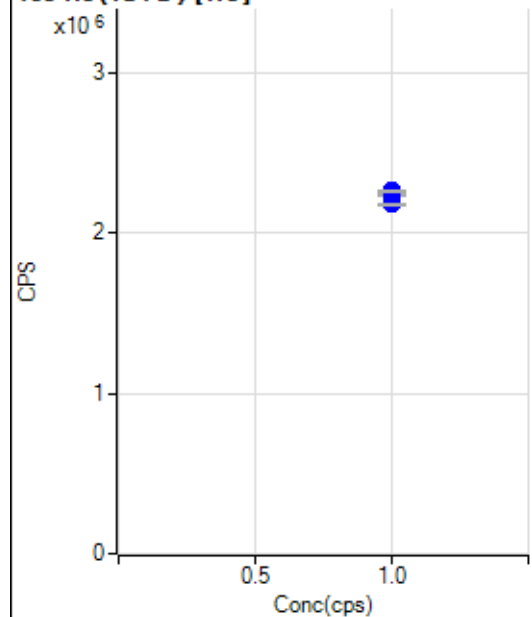
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4189587.23		A	0.8
2	☐	1.000					
3	☐	1.000		4171063.06		A	0.3
4	☐	1.000		4113103.69		A	0.3
5	☐	1.000		4100522.51		A	0.2
6	☐	1.000		4111293.41		A	0.4
7	☐	1.000		4084777.65		A	0.9
8	☐	1.000		4027391.36		A	0.8
9	☐	1.000		3875766.37		A	0.6

159 Tb (ISTD) [He]

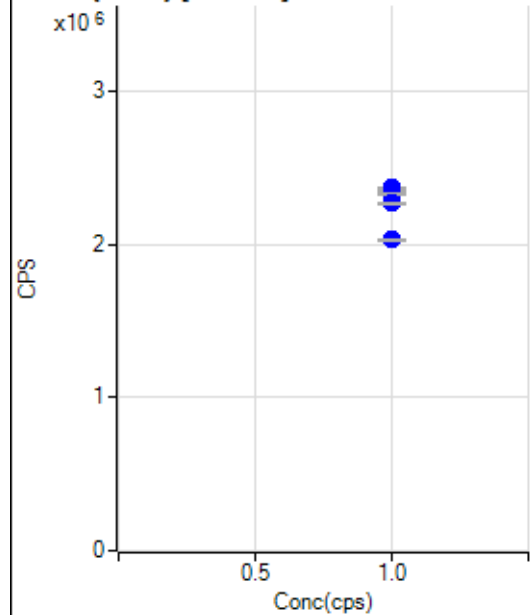
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2288765.31		P	0.6
2	☐	1.000					
3	☐	1.000		2266971.18		P	0.3
4	☐	1.000		2279750.87		P	0.7
5	☐	1.000		2280664.96		P	0.7
6	☐	1.000		2274163.75		P	0.6
7	☐	1.000		2283936.37		P	0.4
8	☐	1.000		2298119.74		P	0.9
9	☐	1.000		2192316.04		P	0.5

165 Ho (ISTD) [No Gas]

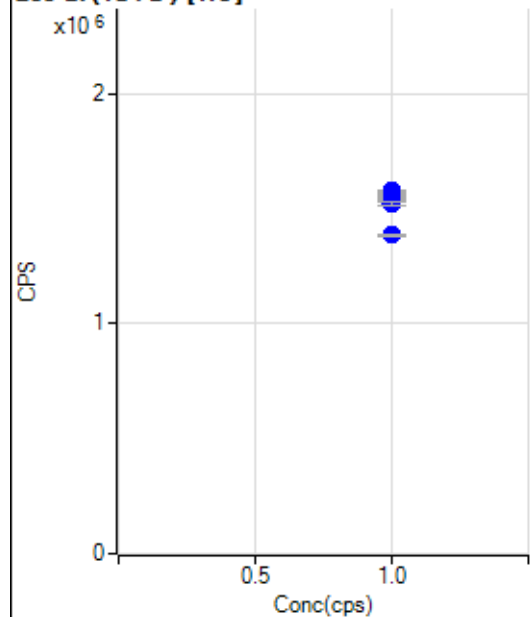
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3933865.80		A	0.4
2	☐	1.000					
3	☐	1.000		3898630.38		A	0.9
4	☐	1.000		3860730.51		A	0.2
5	☐	1.000		3827971.79		A	1.1
6	☐	1.000		3850436.93		A	0.4
7	☐	1.000		3827190.88		A	0.1
8	☐	1.000		3809652.17		A	0.6
9	☐	1.000		3626353.60		A	0.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2251495.59		P	0.2
2	☐	1.000					
3	☐	1.000		2244666.82		P	0.4
4	☐	1.000		2246932.23		P	0.2
5	☐	1.000		2243335.07		P	0.7
6	☐	1.000		2248122.60		P	0.6
7	☐	1.000		2254233.65		P	0.4
8	☐	1.000		2265516.62		P	0.7
9	☐	1.000		2180661.30		P	0.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2370024.84		P	0.6
2	☐	1.000					
3	☐	1.000		2355712.46		P	0.2
4	☐	1.000		2355191.95		P	0.3
5	☐	1.000		2343363.63		P	0.2
6	☐	1.000		2343985.47		P	0.3
7	☐	1.000		2329581.89		P	0.1
8	☐	1.000		2270035.76		P	0.5
9	☐	1.000		2029329.45		P	0.8

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1578011.90		P	0.4
2	☐	1.000					
3	☐	1.000		1569456.42		P	0.3
4	☐	1.000		1569278.50		P	0.6
5	☐	1.000		1562028.10		P	0.8
6	☐	1.000		1553345.43		P	0.6
7	☐	1.000		1536721.02		P	0.7
8	☐	1.000		1523581.59		P	0.7
9	☐	1.000		1385079.65		P	0.5