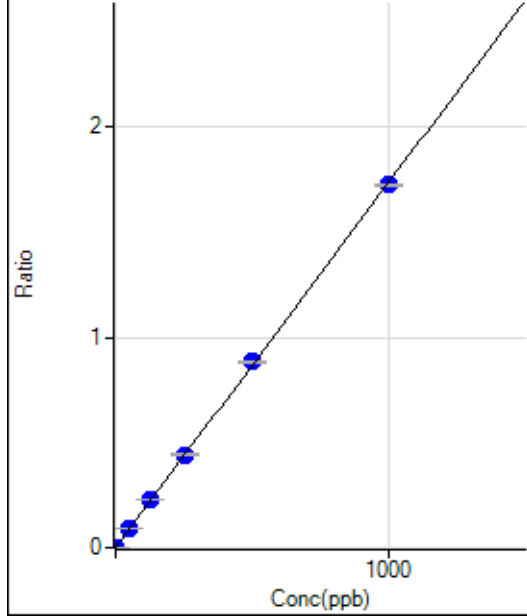


Calibration for 006CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7072525 MS.b\
 Analysis File: P7072525 MS.batch.bin
 DA Date-Time: 2025-07-25 18:06:58
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-07-25 15:34:38
2	006CALS.d	S02	2025-07-25 15:41:14
3	007CALS.d	S03	2025-07-25 15:44:30
4	008CALS.d	S04	2025-07-25 15:47:39
5	009CALS.d	S05	2025-07-25 15:50:35
6	010CALS.d	S06	2025-07-25 15:53:29
7	011CALS.d	S07	2025-07-25 15:56:15
8	012CALS.d	S08	2025-07-25 15:59:03

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4.47	0.0000	P	114.
2	☐	1.000	1.060	778.31	0.0018	P	8.9
3	☐	50.000	50.529	36649.75	0.0876	P	1.7
4	☐	125.000	129.476	95038.56	0.2245	P	0.3
5	☐	250.000	254.312	186961.30	0.4410	P	1.2
6	☐	500.000	508.584	372079.04	0.8818	P	1.5
7	☐	1000.000	994.044	735349.23	1.7235	P	0.5
8	☐			97.03	0.0002	P	13.5

$$y = 0.0017 * x + 1.0861E-005$$

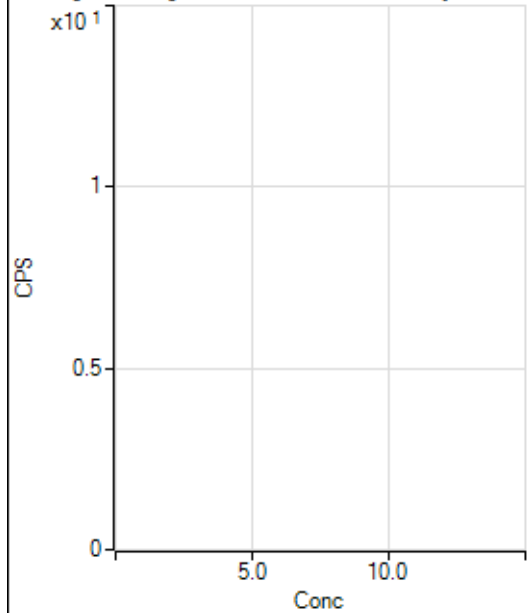
$$R = 0.9999$$

$$DL = 0.02158$$

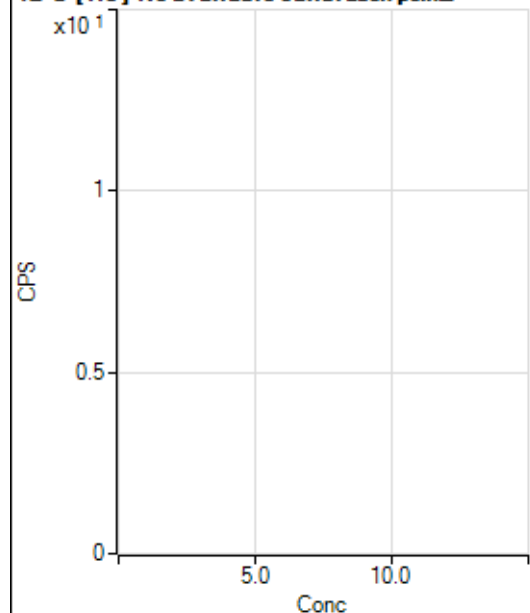
$$BEC = 0.006264$$

Weight: <None>

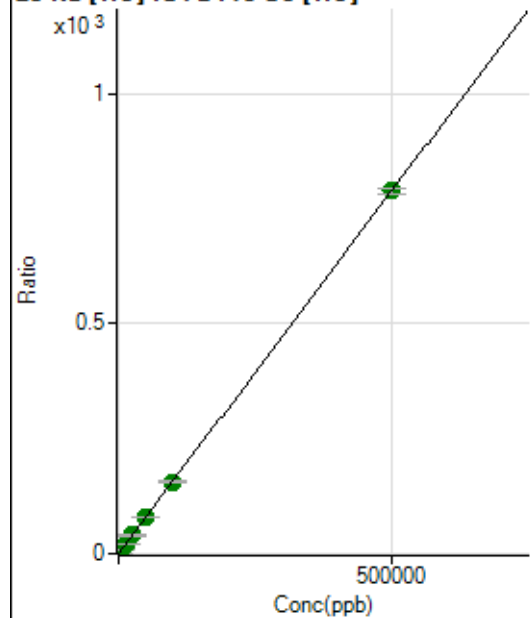
Min Conc: 0

12 C [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	25970.84	0.0768	P	2.0
2	☐	500.000	432.130	255174.75	0.7577	P	0.1
3	☐	5000.000	4966.384	2618548.40	7.9023	A	1.2
4	☐	12500.000	12680.599	6656423.79	20.0575	A	1.0
5	☐	25000.000	25396.207	12857801.20	40.0934	A	2.2
6	☐	50000.000	49676.817	26163199.05	78.3521	A	1.4
7	☐	100000.00	98621.740	52534478.66	155.4742	A	1.8
8	☐	500000.00	500284.04	266225284.9	788.3698	A	1.6

$$y = 0.0016 * x + 0.0768$$

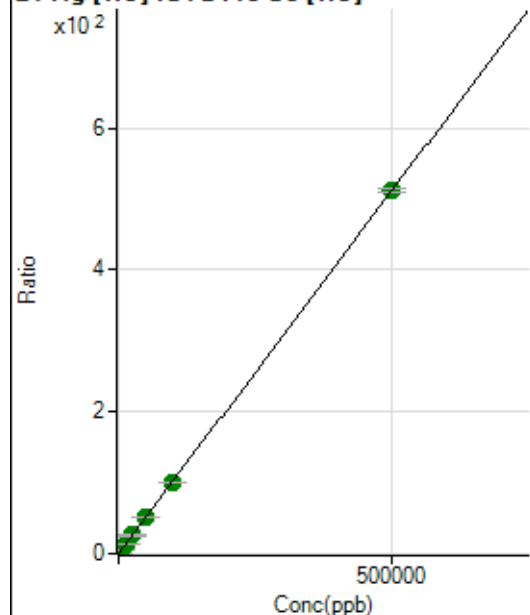
$$R = 1.0000$$

$$DL = 2.877$$

$$BEC = 48.75$$

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1088.94	0.0032	P	3.7
2	☐	500.000	433.676	150356.03	0.4465	P	0.8
3	☐	5000.000	5004.204	1696023.31	5.1179	A	0.4
4	☐	12500.000	12505.013	4243027.44	12.7844	A	1.5
5	☐	25000.000	25223.530	8268728.97	25.7838	A	1.6
6	☐	50000.000	49596.846	16928993.08	50.6954	A	0.3
7	☐	100000.00	97897.891	33812622.55	100.0632	A	2.1
8	☐	500000.00	500449.46	172742684.0	511.5050	A	0.9

$$y = 0.0010 * x + 0.0032$$

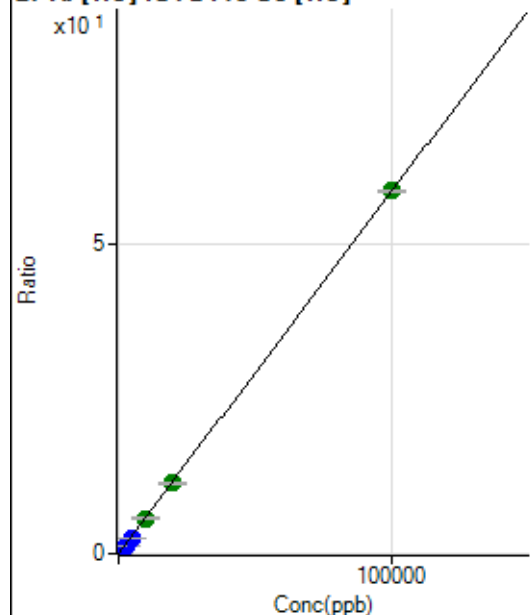
$$R = 1.0000$$

$$DL = 0.3511$$

$$BEC = 3.151$$

Weight: <None>

Min Conc: 0

27 Al [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	357.79	0.0011	P	3.1
2	☐	20.000	18.331	3976.11	0.0118	P	1.6
3	☐	1000.000	835.434	162669.46	0.4909	P	0.4
4	☐	2500.000	2119.146	412717.35	1.2436	P	0.5
5	☐	5000.000	4253.588	800133.99	2.4950	P	1.2
6	☐	10000.000	9804.010	1920024.48	5.7494	A	1.4
7	☐	20000.000	19399.294	3843743.97	11.3753	A	1.6
8	☐	100000.00	100188.22	19838012.06	58.7438	A	0.8

$$y = 5.8632E-004 * x + 0.0011$$

$$R = 1.0000$$

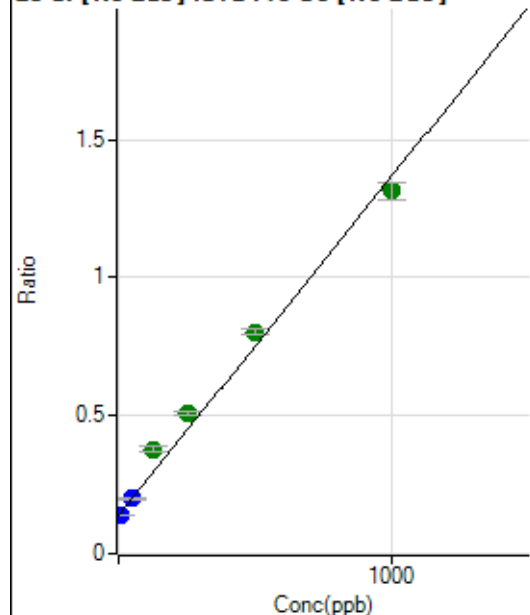
$$DL = 0.1683$$

$$BEC = 1.805$$

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	508069.54	0.1378	P	0.9
2	☐	10.000	2.806	525269.19	0.1413	P	0.9
3	☐	50.000	49.885	727012.51	0.1991	P	3.1
4	☐	125.000	196.057	1384759.28	0.3785	A	4.3
5	☐	250.000	302.067	1833612.14	0.5086	A	2.7
6	☐	500.000	541.293	2910953.29	0.8023	A	2.5
7	☐	1000.000	957.532	4844644.27	1.3132	A	5.1
8	☐			576924.84	0.1596	P	0.4

$$y = 0.0012 * x + 0.1378$$

R = 0.9945

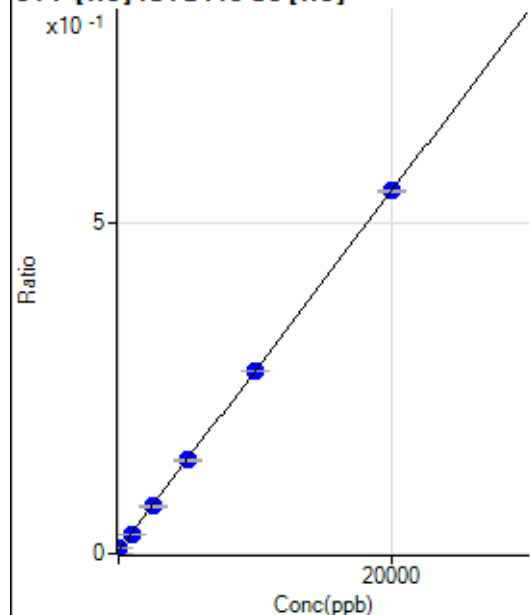
DL = 3.006

BEC = 112.3

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	-138.337	404.45	0.0012	P	9.6
2	☐	0.000	138.337	2931.42	0.0087	P	2.0
3	☐	1000.000	895.129	9689.83	0.0292	P	0.6
4	☐	2500.000	2438.903	23608.35	0.0711	P	1.0
5	☐	5000.000	5039.886	45450.73	0.1417	P	2.2
6	☐	10000.000	10004.679	92317.90	0.2765	P	0.2
7	☐	20000.000	20000.570	185086.71	0.5477	P	0.9
8	☐			470.01	0.0014	P	4.4

$$y = 2.7138E-005 * x + 0.0049$$

R = 0.9999

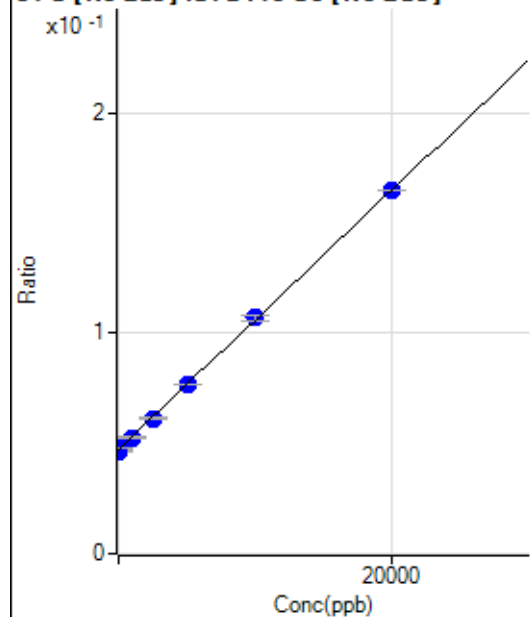
DL = 16.12

BEC = 182.4

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-127.660	171881.31	0.0466	P	0.9
2	☐	0.000	127.660	178944.29	0.0481	P	1.1
3	☐	1000.000	901.527	192396.54	0.0527	P	0.8
4	☐	2500.000	2384.210	224646.39	0.0614	P	2.0
5	☐	5000.000	4999.153	276743.51	0.0768	P	0.7
6	☐	10000.000	10172.223	388803.37	0.1072	P	2.5
7	☐	20000.000	19933.498	607165.49	0.1645	P	0.1
8	☐			159260.87	0.0441	P	1.3

$$y = 5.8780E-006 * x + 0.0474$$

R = 0.9999

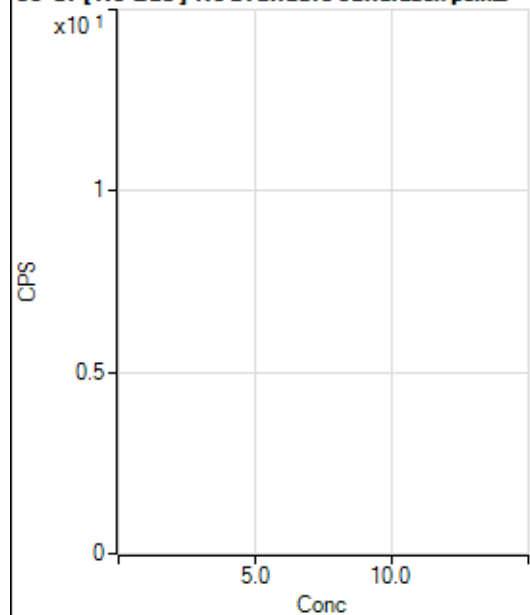
DL = 239.7

BEC = 8060

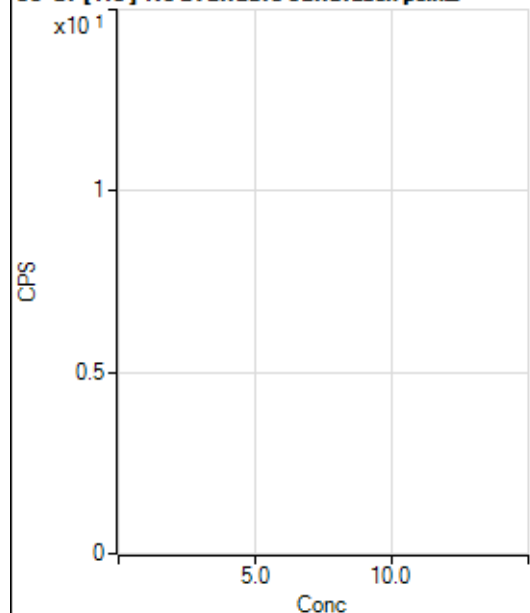
Weight: <None>

Min Conc: 0

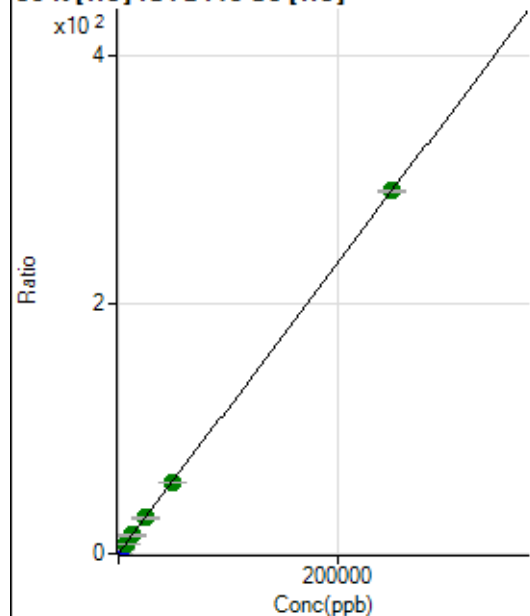
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	74728.76	0.2210	P	0.8
2	☐	500.000	455.347	252618.84	0.7501	P	0.4
3	☐	2500.000	2193.638	917855.91	2.7699	P	0.8
4	☐	6250.000	6326.601	2512943.42	7.5721	A	1.7
5	☐	12500.000	12438.759	4705728.96	14.6740	A	0.4
6	☐	25000.000	24489.447	9575163.12	28.6760	A	2.8
7	☐	50000.000	48744.018	19216006.94	56.8581	A	0.7
8	☐	250000.00	250306.55	98295421.87	291.0591	A	0.5

$$y = 0.0012 * x + 0.2210$$

$$R = 1.0000$$

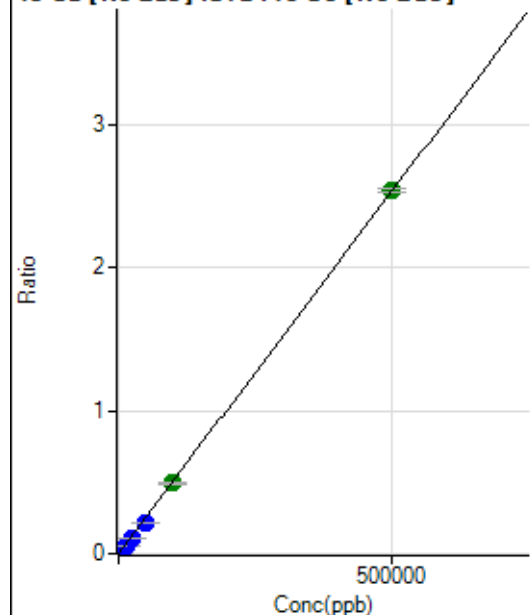
$$DL = 4.812$$

$$BEC = 190.2$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	344.46	0.0001	P	13.2
2	☐	500.000	456.058	8931.59	0.0024	P	1.6
3	☐	5000.000	4295.523	79760.62	0.0218	P	1.6
4	☐	12500.000	10965.396	203443.16	0.0556	P	2.2
5	☐	25000.000	21931.353	400568.01	0.1111	P	0.8
6	☐	50000.000	43375.026	797019.10	0.2197	P	1.5
7	☐	100000.00	97650.776	1824115.79	0.4944	A	2.2
8	☐	500000.00	501331.22	9172724.38	2.5378	A	1.2

$$y = 5.0619\text{E-}006 * x + 9.3490\text{E-}005$$

$$R = 0.9999$$

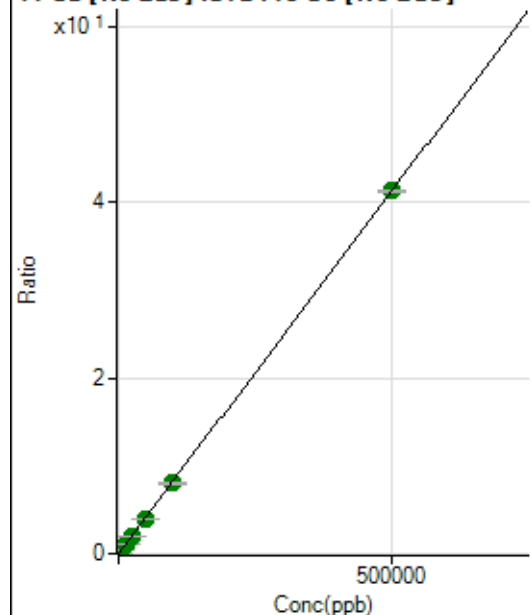
$$DL = 7.32$$

$$BEC = 18.47$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	21644.42	0.0059	P	1.0
2	☐	500.000	453.641	160997.14	0.0433	P	0.8
3	☐	5000.000	4857.601	1485374.58	0.4067	A	1.5
4	☐	12500.000	12251.234	3721287.31	1.0167	A	0.7
5	☐	25000.000	24574.198	7331120.17	2.0334	A	0.5
6	☐	50000.000	48282.381	14476311.73	3.9896	A	1.4
7	☐	100000.00	96944.338	29535557.61	8.0046	A	0.7
8	☐	500000.00	500811.87	149373575.5	41.3269	A	0.2

$$y = 8.2508\text{E-}005 * x + 0.0059$$

$$R = 1.0000$$

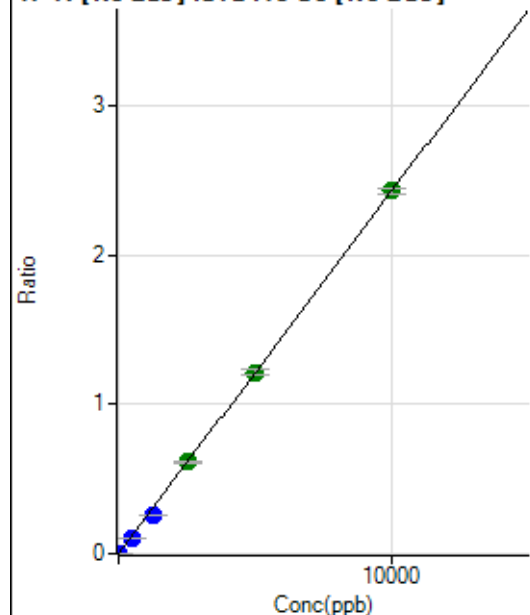
$$DL = 2.227$$

$$BEC = 71.16$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	78.89	0.0000	P	21.2
2	☐	5.000	4.523	4160.61	0.0011	P	0.8
3	☐	500.000	425.842	377544.60	0.1034	P	0.7
4	☐	1250.000	1076.439	956005.29	0.2613	P	1.9
5	☐	2500.000	2524.465	2208942.33	0.6127	A	1.6
6	☐	5000.000	5013.481	4415584.69	1.2167	A	2.5
7	☐	10000.000	10012.547	8965590.63	2.4299	A	1.6
8	☐			584.46	0.0002	P	8.4

$$y = 2.4269\text{E-}004 * x + 2.1412\text{E-}005$$

$$R = 0.9998$$

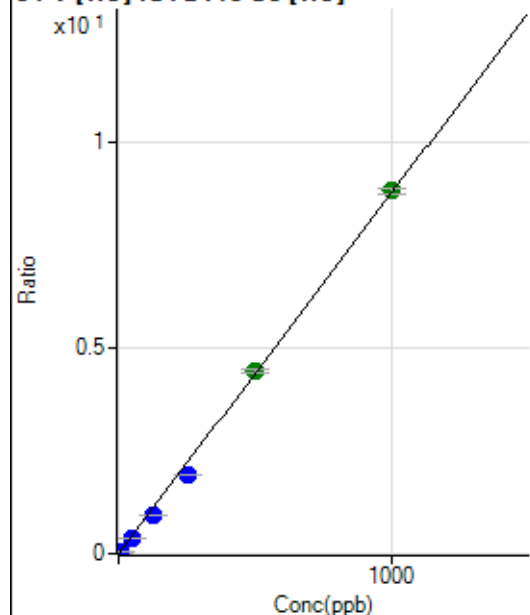
$$DL = 0.05599$$

$$BEC = 0.08823$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20.00	0.0001	P	16.6
2	☐	5.000	4.494	13289.28	0.0395	P	2.0
3	☐	50.000	42.988	124903.32	0.3769	P	1.0
4	☐	125.000	108.910	316914.39	0.9549	P	0.2
5	☐	250.000	219.155	616180.51	1.9214	P	0.5
6	☐	500.000	508.585	1488977.06	4.4589	A	2.3
7	☐	1000.000	1005.783	2980231.35	8.8180	A	1.5
8	☐			988.93	0.0029	P	14.1

$$y = 0.0088 * x + 5.9162\text{E-}005$$

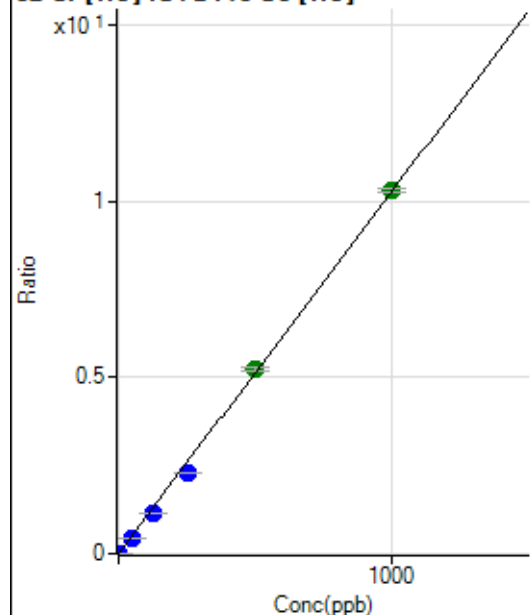
$$R = 0.9994$$

$$DL = 0.003361$$

$$BEC = 0.006748$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1881.25	0.0056	P	2.0
2	☐	2.000	1.783	8027.75	0.0238	P	2.9
3	☐	50.000	43.473	149454.31	0.4510	P	0.8
4	☐	125.000	109.751	375073.83	1.1302	P	0.7
5	☐	250.000	221.818	730676.80	2.2785	P	0.8
6	☐	500.000	512.029	1754032.44	5.2523	A	1.8
7	☐	1000.000	1003.264	3476274.95	10.2859	A	1.1
8	☐			16440.19	0.0487	P	0.3

$$y = 0.0102 * x + 0.0056$$

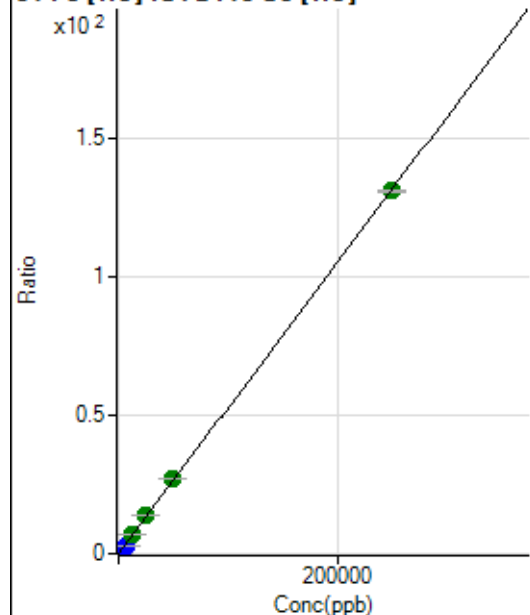
$$R = 0.9994$$

$$DL = 0.03181$$

$$BEC = 0.5431$$

Weight: <None>

Min Conc: 0

54 Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2722.49	0.0081	P	2.9
2	☐	50.000	49.192	11393.30	0.0338	P	1.4
3	☐	2500.000	2319.404	405429.26	1.2235	P	0.3
4	☐	6250.000	5860.933	1021947.30	3.0793	P	0.4
5	☐	12500.000	13733.724	2310509.85	7.2048	A	0.3
6	☐	25000.000	26403.327	4623134.27	13.8440	A	0.6
7	☐	50000.000	51451.857	9114381.95	26.9700	A	1.0
8	☐	250000.00	249519.14	44158354.34	130.7616	A	0.5

$$y = 5.2402E-004 * x + 0.0081$$

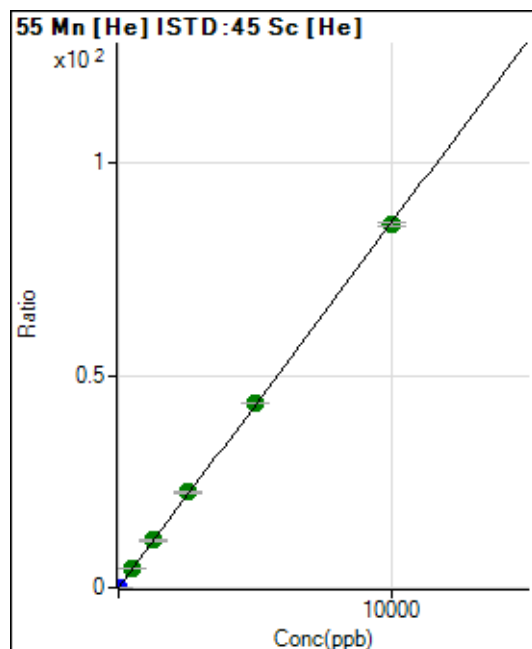
$$R = 1.0000$$

$$DL = 1.318$$

$$BEC = 15.37$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8317.93	0.0246	P	2.6
2	☐	1.000	0.862	10782.85	0.0320	P	2.9
3	☐	500.000	501.988	1439549.20	4.3443	A	0.9
4	☐	1250.000	1289.851	3691868.00	11.1240	A	1.9
5	☐	2500.000	2611.380	7214479.55	22.4961	A	1.5
6	☐	5000.000	5058.107	14543597.42	43.5507	A	0.8
7	☐	10000.000	9938.021	28909379.57	85.5433	A	0.9
8	☐			13377.19	0.0396	P	2.9

$$y = 0.0086 * x + 0.0246$$

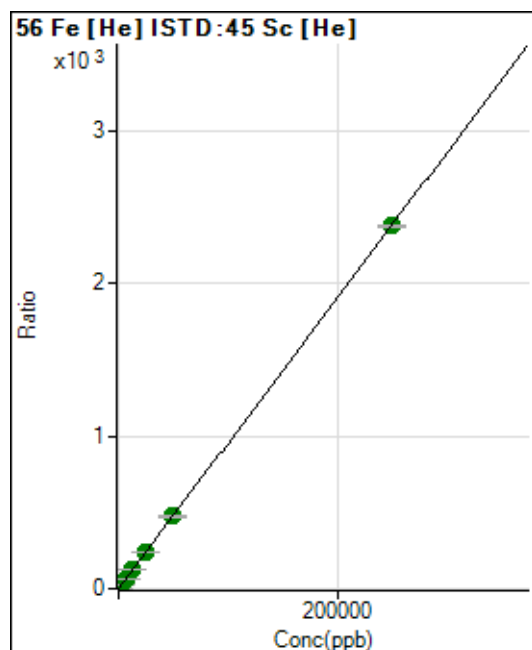
$$R = 0.9999$$

$$DL = 0.2199$$

$$BEC = 2.859$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	21454.30	0.0635	P	2.7
2	☐	50.000	47.339	173083.57	0.5140	P	1.0
3	☐	2500.000	2562.029	8100226.13	24.4458	A	1.4
4	☐	6250.000	6492.009	20524364.55	61.8466	A	1.7
5	☐	12500.000	13293.040	40589628.29	126.5706	A	0.5
6	☐	25000.000	25566.369	81269180.45	243.3734	A	0.7
7	☐	50000.000	50044.782	160952330.9	476.3296	A	1.7
8	☐	250000.00	249888.08	803136023.5	2378.198	A	0.6

$$y = 0.0095 * x + 0.0635$$

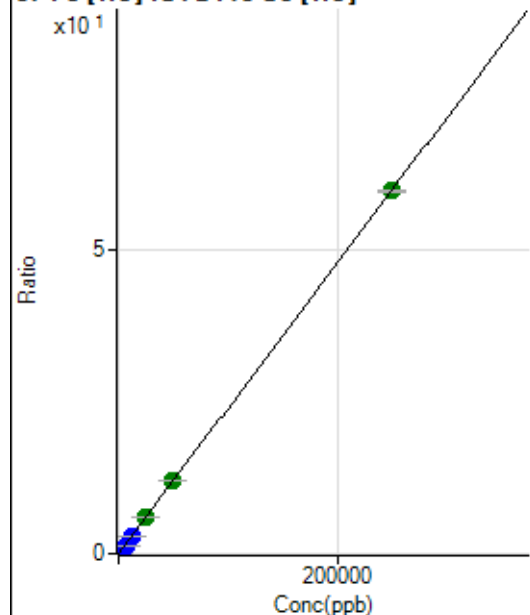
$$R = 1.0000$$

$$DL = 0.5381$$

$$BEC = 6.668$$

Weight: <None>

Min Conc: 0

57 Fe [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1656.77	0.0049	P	0.5
2	☐	50.000	49.635	5648.89	0.0168	P	2.0
3	☐	2500.000	2266.661	181299.45	0.5471	P	1.6
4	☐	6250.000	5755.813	458576.84	1.3818	P	0.7
5	☐	12500.000	11665.568	896480.48	2.7955	P	0.6
6	☐	25000.000	25630.534	2049102.83	6.1361	A	0.3
7	☐	50000.000	50107.302	4052270.15	11.9913	A	0.6
8	☐	250000.00	249971.89	20195174.00	59.8020	A	0.6

$$y = 2.3922\text{E-}004 * x + 0.0049$$

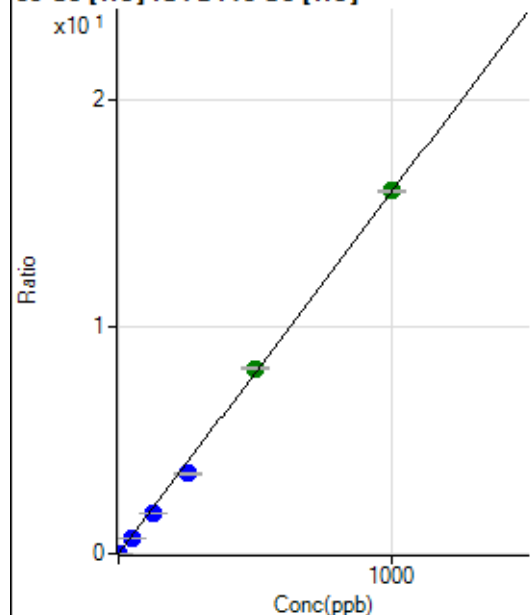
$$R = 1.0000$$

$$DL = 0.3148$$

$$BEC = 20.49$$

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	108.89	0.0003	P	10.1
2	☐	1.000	0.929	5094.25	0.0151	P	2.6
3	☐	50.000	43.698	230842.08	0.6966	P	0.7
4	☐	125.000	109.479	579049.28	1.7448	P	0.8
5	☐	250.000	221.403	1131487.02	3.5282	P	1.7
6	☐	500.000	512.161	2725514.02	8.1613	A	1.3
7	☐	1000.000	1003.324	5402718.60	15.9877	A	0.8
8	☐			8832.68	0.0262	P	2.3

$$y = 0.0159 * x + 3.2195\text{E-}004$$

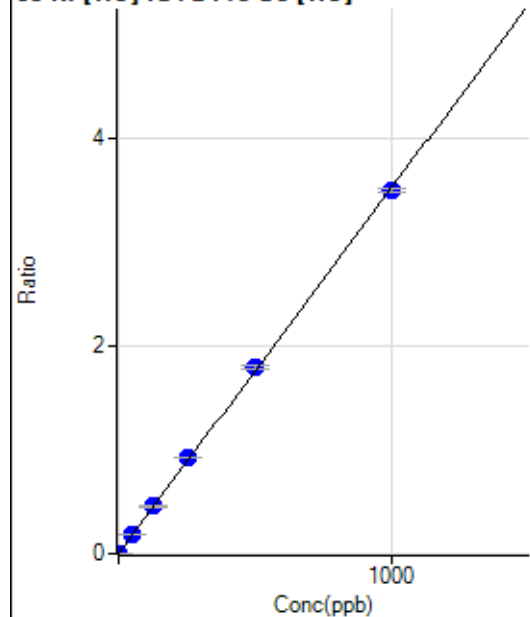
$$R = 0.9994$$

$$DL = 0.006137$$

$$BEC = 0.0202$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	410.01	0.0012	P	5.0
2	☐	1.000	0.998	1594.55	0.0047	P	0.6
3	☐	50.000	51.260	60348.76	0.1821	P	0.6
4	☐	125.000	128.826	151278.87	0.4558	P	0.9
5	☐	250.000	262.893	297902.71	0.9290	P	1.2
6	☐	500.000	508.567	599691.06	1.7959	P	1.6
7	☐	1000.000	991.952	1183316.99	3.5018	P	1.0
8	☐			5214.29	0.0154	P	1.7

$$y = 0.0035 * x + 0.0012$$

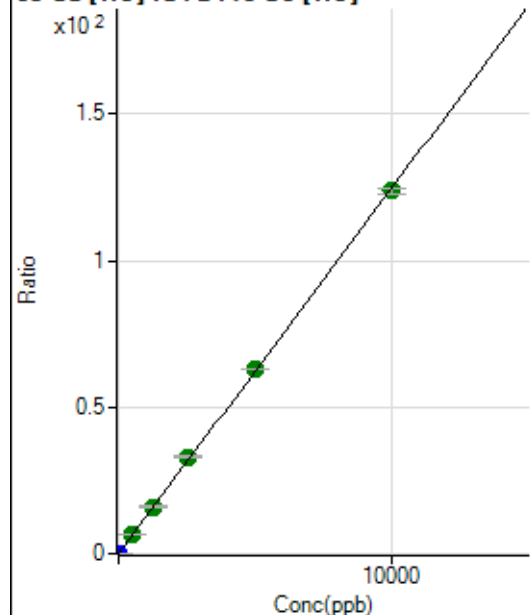
$$R = 0.9998$$

$$DL = 0.05201$$

$$BEC = 0.3438$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1268.96	0.0038	P	5.8
2	☐	2.000	1.687	8340.17	0.0248	P	1.7
3	☐	500.000	505.145	2086343.94	6.2965	A	2.0
4	☐	1250.000	1285.448	5315963.60	16.0171	A	0.9
5	☐	2500.000	2640.328	10549442.06	32.8953	A	1.7
6	☐	5000.000	5051.505	21015696.08	62.9323	A	0.3
7	☐	10000.000	9934.477	41820214.93	123.7613	A	1.7
8	☐			5537.75	0.0164	P	0.9

$$y = 0.0125 * x + 0.0038$$

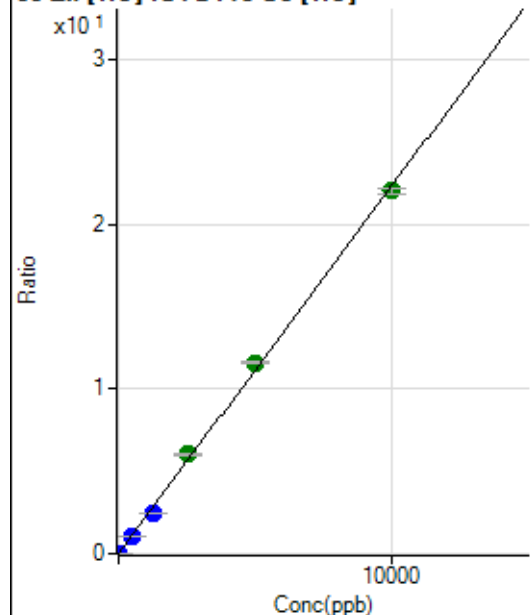
$$R = 0.9999$$

$$DL = 0.05227$$

$$BEC = 0.3013$$

Weight: <None>

Min Conc: 0

66 Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1233.40	0.0036	P	2.8
2	☐	5.000	4.335	4489.60	0.0133	P	3.7
3	☐	500.000	448.607	333289.06	1.0058	P	0.7
4	☐	1250.000	1109.566	823811.66	2.4823	P	1.0
5	☐	2500.000	2700.640	1935883.55	6.0367	A	1.8
6	☐	5000.000	5191.071	3873658.31	11.6001	A	0.8
7	☐	10000.000	9874.429	7455032.18	22.0623	A	1.4
8	☐			3179.25	0.0094	P	4.0

$$y = 0.0022 * x + 0.0036$$

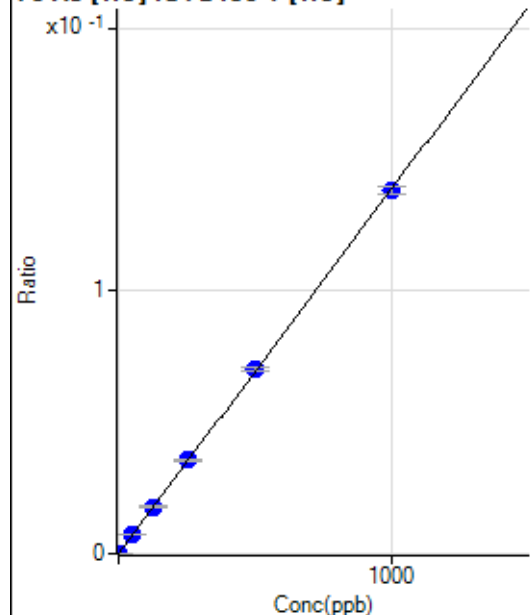
$$R = 0.9993$$

$$DL = 0.1382$$

$$BEC = 1.633$$

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	6.67	0.0000	P	49.3
2	☐	1.000	1.139	443.34	0.0002	P	5.5
3	☐	50.000	50.497	18961.11	0.0070	P	1.3
4	☐	125.000	128.520	47655.36	0.0178	P	1.1
5	☐	250.000	256.580	94744.69	0.0356	P	3.2
6	☐	500.000	506.070	192505.89	0.0702	P	1.5
7	☐	1000.000	994.855	381359.77	0.1381	P	2.1
8	☐			461.13	0.0002	P	17.7

$$y = 1.3877E-004 * x + 2.3997E-006$$

$$R = 0.9999$$

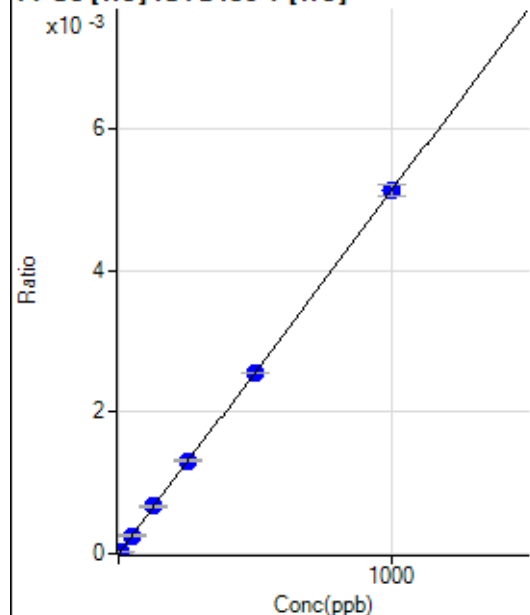
$$DL = 0.02558$$

$$BEC = 0.01729$$

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	1.11	0.0000	P	173.
2	☐	5.000	5.087	73.33	0.0000	P	15.6
3	☐	50.000	50.037	695.58	0.0003	P	6.9
4	☐	125.000	131.435	1803.46	0.0007	P	3.2
5	☐	250.000	256.207	3499.34	0.0013	P	2.5
6	☐	500.000	496.172	6980.60	0.0025	P	0.2
7	☐	1000.000	999.556	14166.85	0.0051	P	3.1
8	☐			25.55	0.0000	P	16.1

$$y = 5.1312\text{E-}006 * x + 4.0284\text{E-}007$$

$$R = 1.0000$$

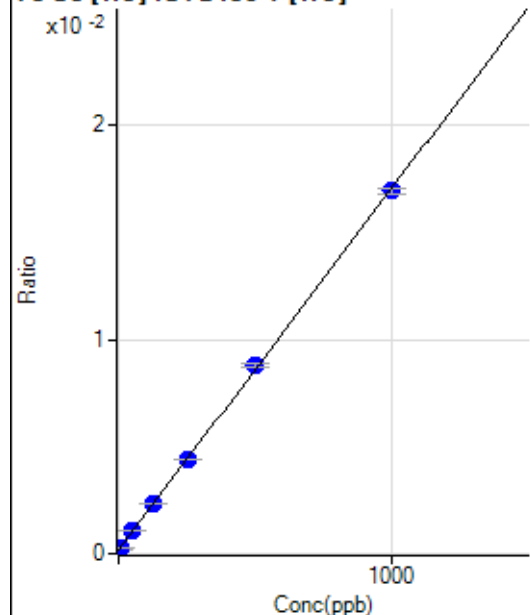
$$DL = 0.4079$$

$$BEC = 0.07851$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	475.57	0.0002	P	14.3
2	☐	5.000	6.289	767.81	0.0003	P	1.0
3	☐	50.000	51.988	2835.86	0.0010	P	1.1
4	☐	125.000	128.763	6260.27	0.0023	P	1.3
5	☐	250.000	250.599	11703.62	0.0044	P	1.4
6	☐	500.000	511.545	24117.58	0.0088	P	1.5
7	☐	1000.000	993.502	46754.97	0.0169	P	1.7
8	☐			498.90	0.0002	P	4.1

$$y = 1.6864\text{E-}005 * x + 1.7167\text{E-}004$$

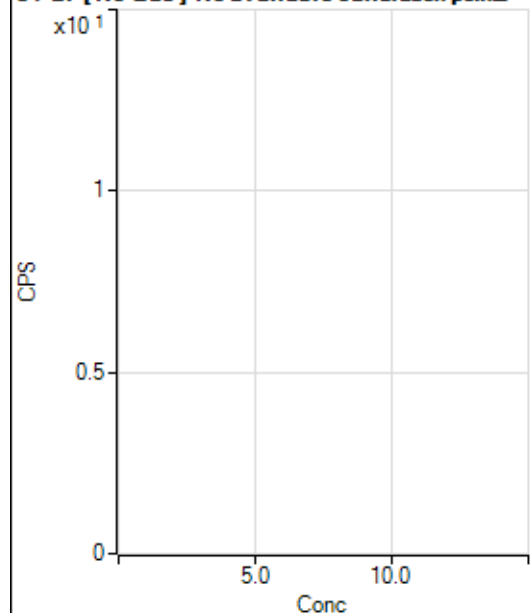
$$R = 0.9999$$

$$DL = 4.374$$

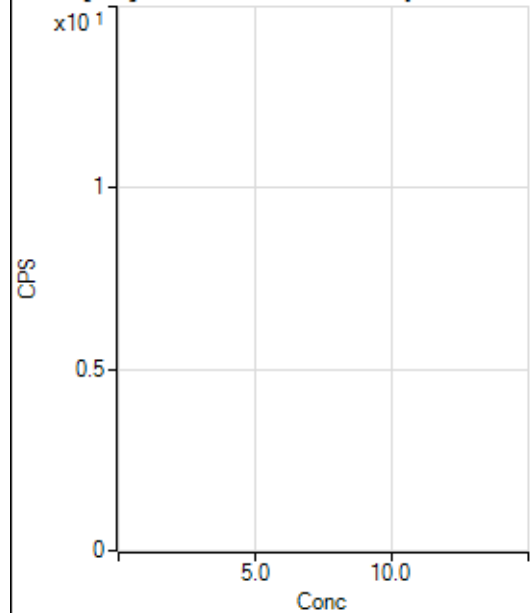
$$BEC = 10.18$$

Weight: <None>

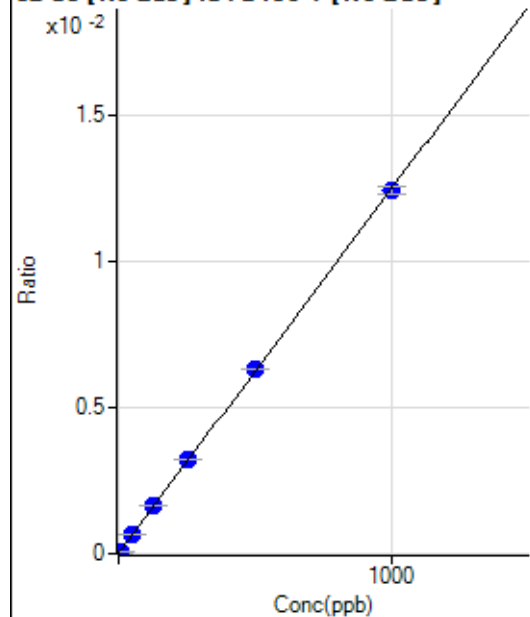
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			9992.36		P	2.0
2	☐			9827.80		P	1.0
3	☐			10015.70		P	2.3
4	☐			9668.80		P	0.7
5	☐			9746.64		P	1.9
6	☐			9577.63		P	2.3
7	☐			9818.89		P	1.2
8	☐			10371.52		P	2.0

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			151.11		P	9.2
2	☐			181.11		P	14.9
3	☐			141.11		P	24.8
4	☐			142.23		P	10.6
5	☐			151.11		P	21.2
6	☐			153.34		P	17.3
7	☐			151.11		P	6.4
8	☐			238.89		P	2.1

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	118.93	0.0000	P	81.9
2	☐	5.000	5.013	691.24	0.0001	P	10.9
3	☐	50.000	51.170	5847.02	0.0007	P	1.2
4	☐	125.000	129.480	14899.84	0.0016	P	0.1
5	☐	250.000	258.197	28903.62	0.0032	P	1.3
6	☐	500.000	506.109	57724.37	0.0063	P	0.6
7	☐	1000.000	994.278	113179.62	0.0124	P	2.1
8	☐			285.07	0.0000	P	9.4

$$y = 1.2486E-005 * x + 1.3116E-005$$

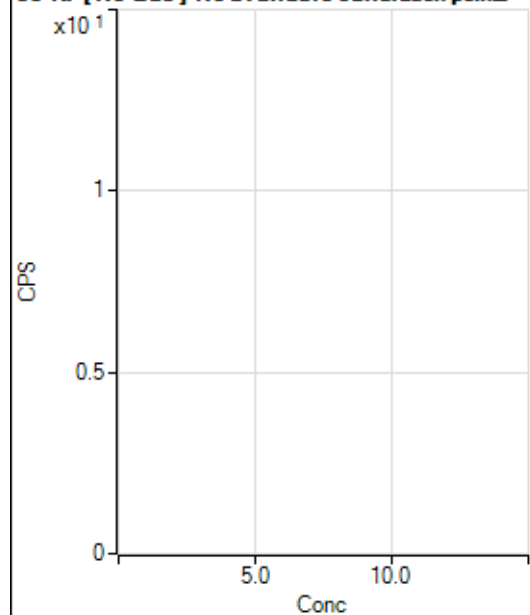
$$R = 0.9999$$

$$DL = 2.582$$

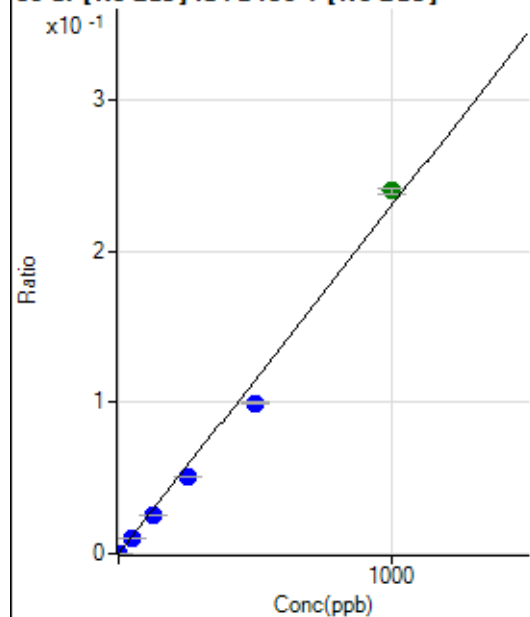
$$BEC = 1.05$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			455.57		P	21.4
2	☐			513.35		P	13.5
3	☐			444.46		P	7.3
4	☐			471.13		P	9.2
5	☐			434.46		P	9.2
6	☐			433.34		P	8.9
7	☐			531.13		P	9.0
8	☐			443.35		P	3.9

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	771.14	0.0001	P	13.1
2	☐	1.000	0.852	2565.81	0.0003	P	4.1
3	☐	50.000	43.435	90297.15	0.0101	P	1.7
4	☐	125.000	109.050	229972.43	0.0252	P	0.9
5	☐	250.000	219.737	451847.86	0.0506	P	0.7
6	☐	500.000	432.809	907770.67	0.0996	P	1.4
7	☐	1000.000	1043.484	2185704.18	0.2400	A	1.6
8	☐			23977.37	0.0027	P	2.2

$$y = 2.2990\text{E-}004 * x + 8.5042\text{E-}005$$

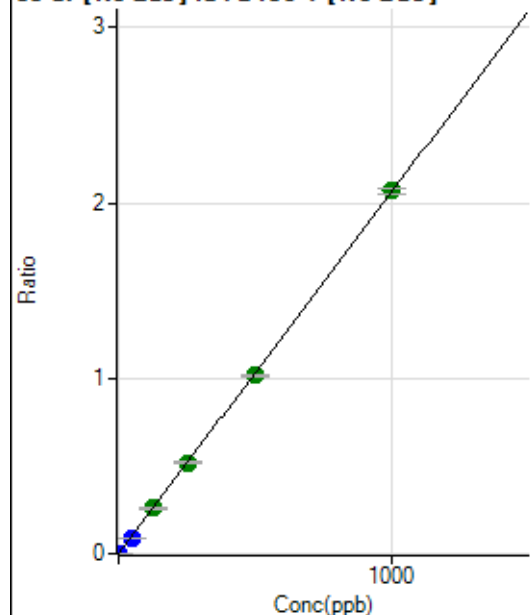
$$R = 0.9963$$

$$DL = 0.1456$$

$$BEC = 0.3699$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	165.56	0.0000	P	20.3
2	☐	1.000	0.879	16715.17	0.0018	P	1.1
3	☐	50.000	42.624	787789.94	0.0879	P	1.6
4	☐	125.000	125.081	2356613.49	0.2578	A	2.0
5	☐	250.000	252.619	4648771.84	0.5206	A	1.0
6	☐	500.000	492.488	9251747.78	1.0149	A	0.9
7	☐	1000.000	1003.460	18833600.14	2.0679	A	1.8
8	☐			206819.39	0.0230	P	0.3

$$y = 0.0021 * x + 1.8245\text{E-}005$$

$$R = 0.9999$$

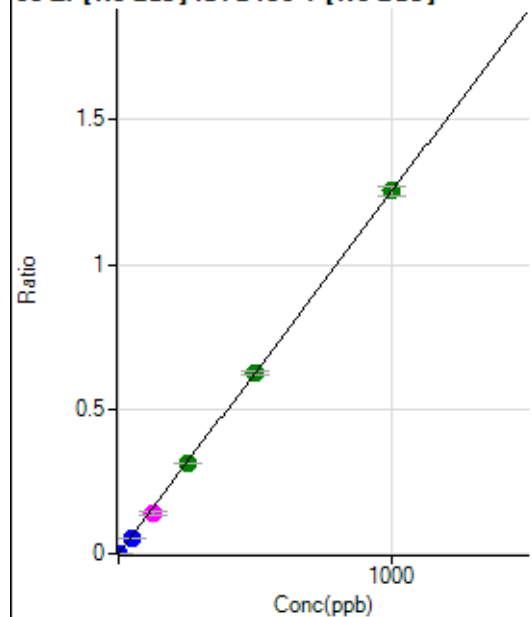
$$DL = 0.005386$$

$$BEC = 0.008853$$

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	318.89	0.0000	P	15.2
2	☐	1.000	0.939	11067.59	0.0012	P	2.9
3	☐	50.000	42.500	477588.91	0.0533	P	1.5
4	☐	125.000	112.819	1292318.11	0.1413	M	10.7
5	☐	250.000	251.173	2809296.48	0.3146	A	0.7
6	☐	500.000	499.408	5701674.71	0.6255	A	1.8
7	☐	1000.000	1001.901	11427884.41	1.2548	A	2.4
8	☐			8854.97	0.0010	P	1.5

$$y = 0.0013 * x + 3.5150E-005$$

$$R = 0.9999$$

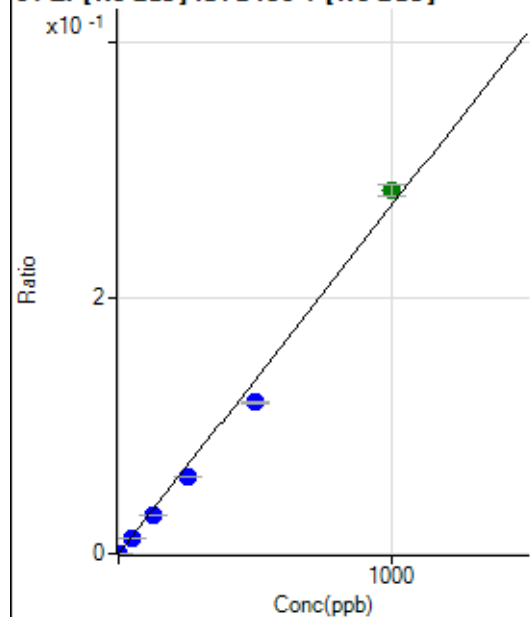
$$DL = 0.01276$$

$$BEC = 0.02807$$

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	71.11	0.0000	P	12.1
2	☐	1.000	0.993	2542.47	0.0003	P	3.3
3	☐	50.000	43.279	105799.13	0.0118	P	1.6
4	☐	125.000	108.784	271029.79	0.0296	P	1.2
5	☐	250.000	220.352	536157.14	0.0600	P	0.9
6	☐	500.000	434.723	1079721.83	0.1185	P	1.4
7	☐	1000.000	1042.413	2586498.87	0.2840	A	3.1
8	☐			1995.71	0.0002	P	4.1

$$y = 2.7246E-004 * x + 7.8421E-006$$

$$R = 0.9965$$

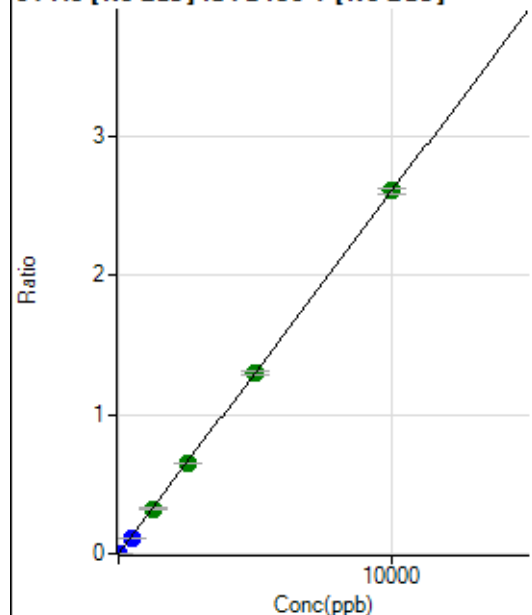
$$DL = 0.01045$$

$$BEC = 0.02878$$

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	197.78	0.0000	P	11.5
2	☐	5.000	5.272	12725.63	0.0014	P	0.2
3	☐	500.000	421.099	982339.06	0.1096	P	1.9
4	☐	1250.000	1245.158	2961282.35	0.3239	A	1.1
5	☐	2500.000	2511.936	5834855.89	0.6534	A	0.5
6	☐	5000.000	4975.218	11796456.91	1.2942	A	2.5
7	☐	10000.000	10013.957	23724501.03	2.6049	A	1.6
8	☐			6210.27	0.0007	P	2.6

$$y = 2.6013\text{E-}004 * x + 2.1810\text{E-}005$$

$$R = 1.0000$$

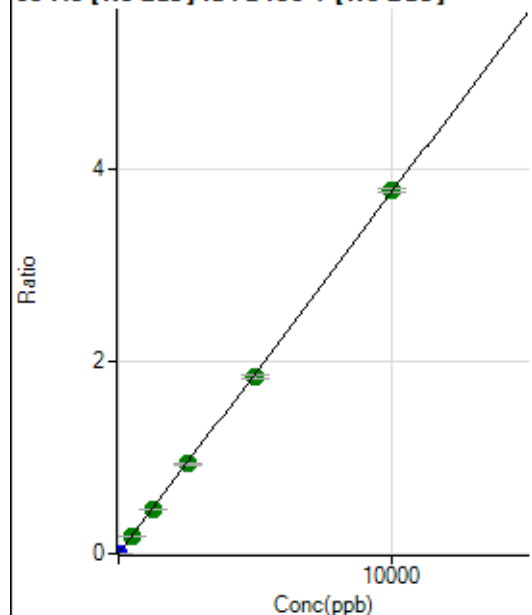
$$DL = 0.02882$$

$$BEC = 0.08384$$

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	140.00	0.0000	P	15.9
2	☐	5.000	4.431	15328.12	0.0017	P	1.8
3	☐	500.000	491.616	1654212.72	0.1845	A	2.0
4	☐	1250.000	1231.695	4225560.46	0.4622	A	1.1
5	☐	2500.000	2487.528	8335232.72	0.9335	A	1.6
6	☐	5000.000	4912.247	16801650.86	1.8433	A	2.5
7	☐	10000.000	10049.702	34346928.38	3.7711	A	1.2
8	☐			4851.96	0.0005	P	5.8

$$y = 3.7525\text{E-}004 * x + 1.5441\text{E-}005$$

$$R = 0.9999$$

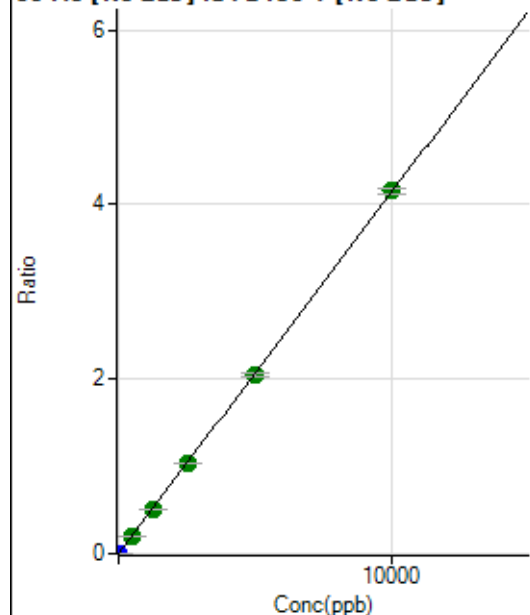
$$DL = 0.01964$$

$$BEC = 0.04115$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	203.34	0.0000	P	3.3
2	☐	5.000	4.469	17095.67	0.0019	P	2.8
3	☐	500.000	493.815	1832845.06	0.2044	A	1.7
4	☐	1250.000	1225.448	4637276.18	0.5072	A	0.2
5	☐	2500.000	2499.620	9238495.21	1.0346	A	1.3
6	☐	5000.000	4933.050	18611404.44	2.0418	A	2.0
7	☐	10000.000	10036.949	37835483.88	4.1543	A	1.7
8	☐			10100.25	0.0011	P	1.6

$$y = 4.1390\text{E-}004 * x + 2.2419\text{E-}005$$

$$R = 1.0000$$

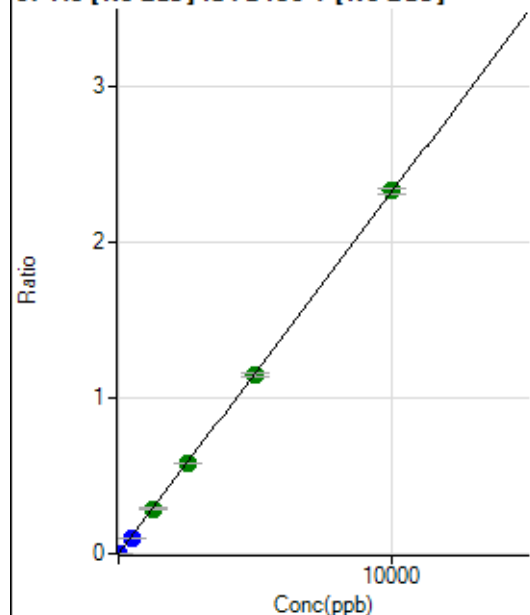
$$DL = 0.005351$$

$$BEC = 0.05416$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	145.56	0.0000	P	7.3
2	☐	5.000	4.560	9794.47	0.0011	P	1.0
3	☐	500.000	424.239	881262.10	0.0983	P	1.5
4	☐	1250.000	1245.355	2637298.94	0.2885	A	1.2
5	☐	2500.000	2493.535	5157646.03	0.5776	A	0.3
6	☐	5000.000	4937.447	10424606.79	1.1437	A	2.6
7	☐	10000.000	10037.262	21174958.99	2.3250	A	1.5
8	☐			3320.40	0.0004	P	4.4

$$y = 2.3163\text{E-}004 * x + 1.6051\text{E-}005$$

$$R = 0.9999$$

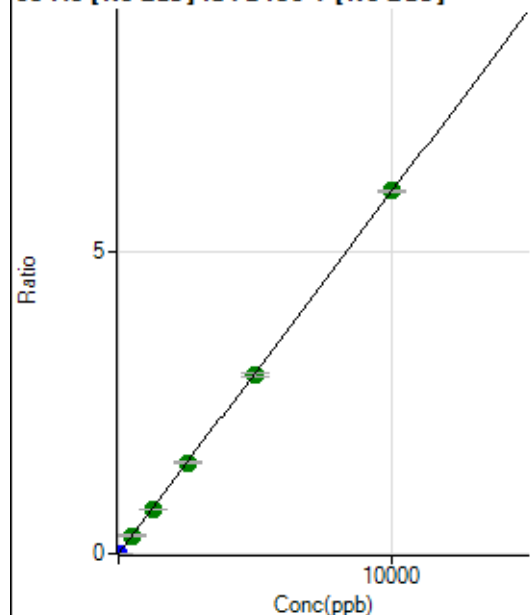
$$DL = 0.01516$$

$$BEC = 0.06929$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	276.67	0.0000	P	5.2
2	☐	5.000	4.478	24719.85	0.0027	P	2.8
3	☐	500.000	500.267	2681333.10	0.2991	A	2.2
4	☐	1250.000	1229.884	6720969.07	0.7352	A	1.6
5	☐	2500.000	2521.140	13456635.49	1.5070	A	1.4
6	☐	5000.000	4938.443	26907913.21	2.9519	A	1.3
7	☐	10000.000	10027.995	54595968.08	5.9941	A	0.4
8	☐			8242.40	0.0009	P	3.0

$$y = 5.9773\text{E-}004 * x + 3.0508\text{E-}005$$

$$R = 1.0000$$

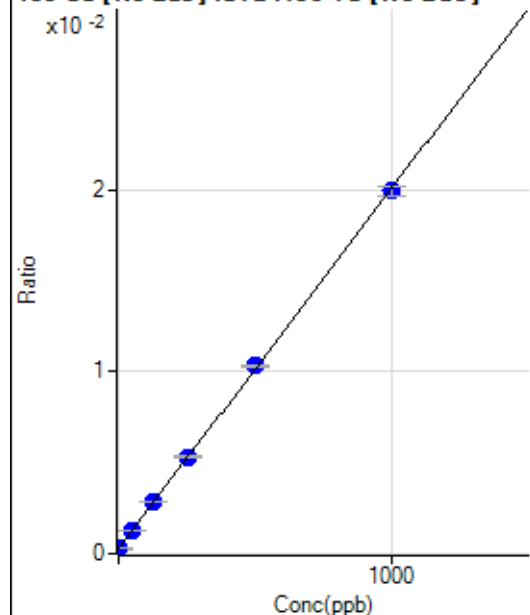
$$DL = 0.007887$$

$$BEC = 0.05104$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2007.94	0.0003	P	9.0
2	☐	1.000	1.419	2233.53	0.0003	P	1.2
3	☐	50.000	52.281	9556.55	0.0013	P	1.8
4	☐	125.000	130.664	21050.92	0.0029	P	1.4
5	☐	250.000	254.956	39479.20	0.0053	P	1.5
6	☐	500.000	508.399	77622.15	0.0103	P	1.1
7	☐	1000.000	993.739	153308.24	0.0199	P	2.5
8	☐			2231.30	0.0003	P	1.8

$$y = 1.9789\text{E-}005 * x + 2.7271\text{E-}004$$

$$R = 0.9999$$

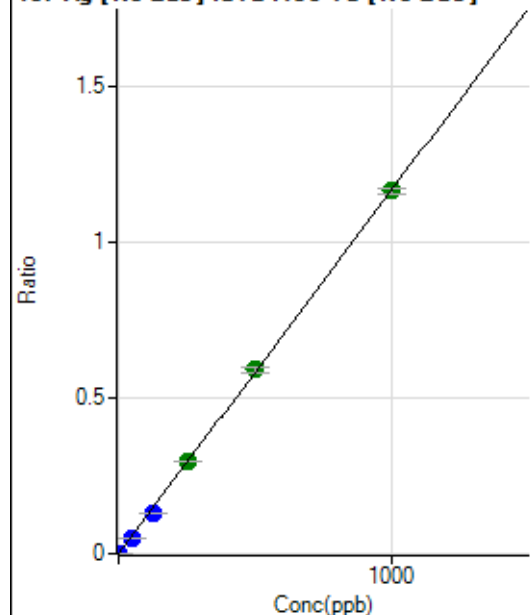
$$DL = 3.707$$

$$BEC = 13.78$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	45.56	0.0000	P	8.9
2	☐	1.000	0.973	8492.54	0.0011	P	2.0
3	☐	50.000	44.128	377137.58	0.0516	P	0.6
4	☐	125.000	110.266	949186.18	0.1289	P	1.4
5	☐	250.000	253.876	2202987.12	0.2967	A	0.8
6	☐	500.000	505.815	4440179.24	0.5912	A	3.0
7	☐	1000.000	998.259	8972459.04	1.1668	A	1.6
8	☐			854.48	0.0001	P	8.8

$$y = 0.0012 * x + 6.1760E-006$$

$$R = 0.9998$$

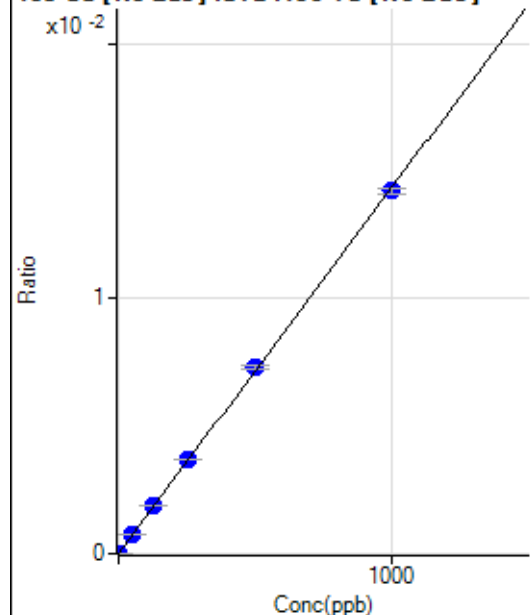
$$DL = 0.001409$$

$$BEC = 0.005284$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12.22	0.0000	P	63.6
2	☐	1.000	0.771	94.44	0.0000	P	10.1
3	☐	50.000	52.610	5528.89	0.0008	P	3.6
4	☐	125.000	131.485	13904.55	0.0019	P	3.0
5	☐	250.000	257.256	27412.64	0.0037	P	1.6
6	☐	500.000	510.415	55016.44	0.0073	P	1.3
7	☐	1000.000	992.037	109462.41	0.0142	P	1.5
8	☐			78.89	0.0000	P	30.3

$$y = 1.4347E-005 * x + 1.6705E-006$$

$$R = 0.9999$$

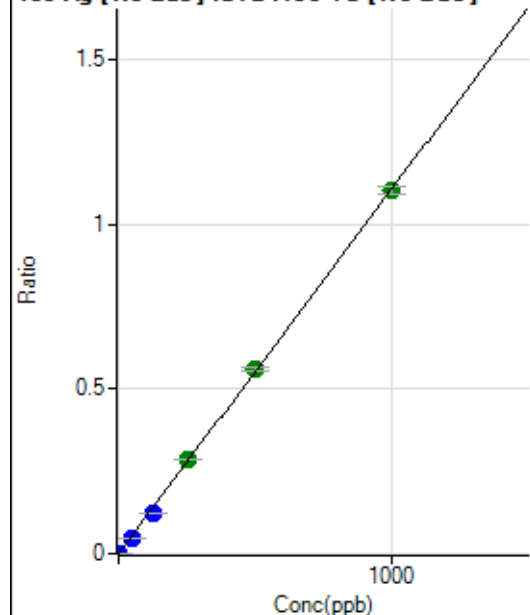
$$DL = 0.2222$$

$$BEC = 0.1164$$

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	23.33	0.0000	P	16.7
2	☐	1.000	0.967	7957.81	0.0011	P	0.7
3	☐	50.000	43.925	354823.05	0.0485	P	0.5
4	☐	125.000	110.984	903020.26	0.1226	P	1.3
5	☐	250.000	257.240	2110031.62	0.2842	A	0.6
6	☐	500.000	508.785	4222217.99	0.5621	A	2.0
7	☐	1000.000	995.853	8460371.82	1.1002	A	2.1
8	☐			740.03	0.0001	P	8.0

$$y = 0.0011 * x + 3.1760E-006$$

$$R = 0.9998$$

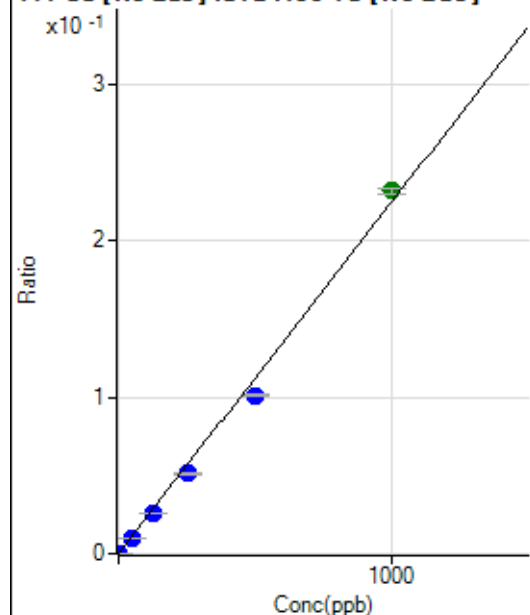
$$DL = 0.001442$$

$$BEC = 0.002875$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1402.55	0.0002	P	8.8
2	☐	1.000	0.950	2998.56	0.0004	P	1.9
3	☐	50.000	45.535	76140.94	0.0104	P	0.6
4	☐	125.000	115.847	192953.82	0.0262	P	1.7
5	☐	250.000	227.185	380092.68	0.0512	P	1.1
6	☐	500.000	449.498	759487.66	0.1011	P	1.4
7	☐	1000.000	1032.322	1783878.62	0.2320	A	1.6
8	☐			2236.71	0.0003	P	4.8

$$y = 2.2453E-004 * x + 1.9048E-004$$

$$R = 0.9979$$

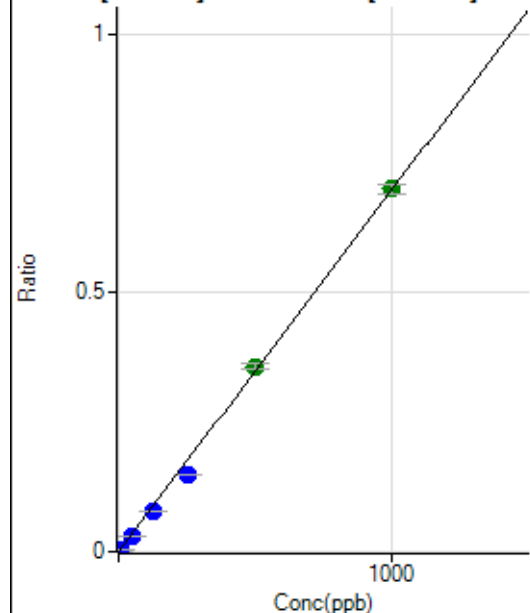
$$DL = 0.2246$$

$$BEC = 0.8484$$

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	2459.13	0.0003	P	3.8
2	☐	5.000	4.521	25905.60	0.0035	P	1.1
3	☐	50.000	43.349	223573.78	0.0306	P	1.4
4	☐	125.000	109.522	565282.24	0.0768	P	1.2
5	☐	250.000	214.052	1111366.82	0.1497	P	0.7
6	☐	500.000	513.514	2693666.49	0.3587	A	2.1
7	☐	1000.000	1004.500	5392104.75	0.7013	A	2.6
8	☐			2237.97	0.0003	P	4.6

$$y = 6.9779\text{E-}004 * x + 3.3403\text{E-}004$$

$$R = 0.9992$$

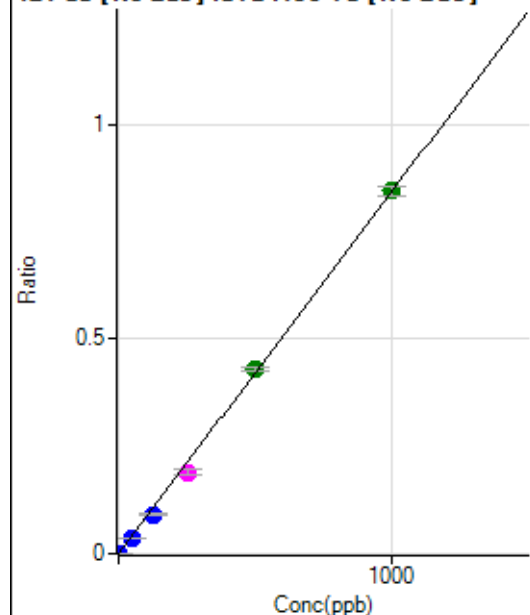
$$DL = 0.05513$$

$$BEC = 0.4787$$

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	46.67	0.0000	P	19.8
2	☐	2.000	1.863	11711.54	0.0016	P	1.9
3	☐	50.000	42.901	264525.67	0.0362	P	0.1
4	☐	125.000	108.801	675648.35	0.0917	P	1.7
5	☐	250.000	225.539	1412513.68	0.1902	M	8.8
6	☐	500.000	510.413	3232526.27	0.4304	A	1.9
7	☐	1000.000	1003.289	6505097.47	0.8460	A	2.4
8	☐			4674.13	0.0006	P	3.0

$$y = 8.4322\text{E-}004 * x + 6.3464\text{E-}006$$

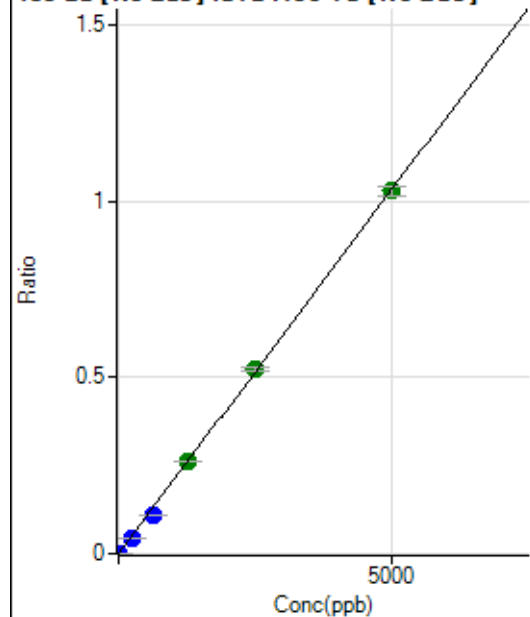
$$R = 0.9995$$

$$DL = 0.004476$$

$$BEC = 0.007526$$

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	31.11	0.0000	P	13.7
2	☐	10.000	8.862	13612.18	0.0018	P	1.7
3	☐	250.000	210.330	317373.45	0.0434	P	1.0
4	☐	625.000	531.848	808324.82	0.1098	P	1.7
5	☐	1250.000	1268.050	1942862.05	0.2617	A	0.4
6	☐	2500.000	2544.384	3943766.75	0.5251	A	2.2
7	☐	5000.000	4986.926	7913574.19	1.0292	A	2.7
8	☐			3558.25	0.0005	P	1.4

$$y = 2.0638\text{E-}004 * x + 4.2296\text{E-}006$$

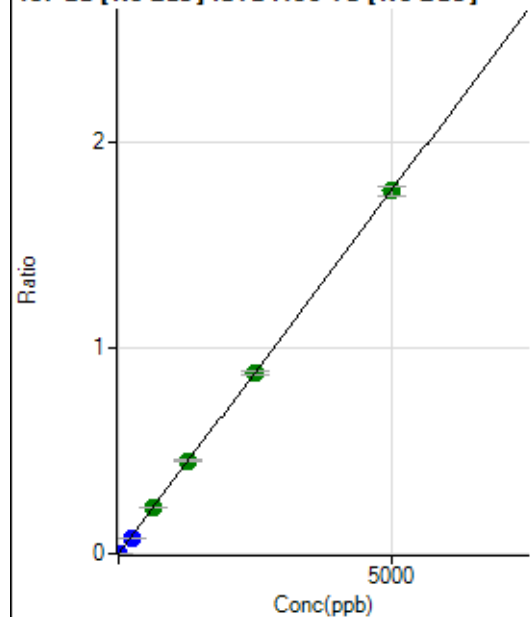
$$R = 0.9997$$

$$DL = 0.008436$$

$$BEC = 0.02049$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	48.89	0.0000	P	26.3
2	☐	10.000	8.981	23587.45	0.0032	P	1.3
3	☐	250.000	212.383	548079.10	0.0750	P	0.8
4	☐	625.000	635.577	1652003.35	0.2243	A	2.3
5	☐	1250.000	1279.424	3352545.37	0.4516	A	1.6
6	☐	2500.000	2492.915	6608832.33	0.8799	A	1.7
7	☐	5000.000	4996.747	13561020.77	1.7637	A	2.9
8	☐			5964.65	0.0008	P	5.3

$$y = 3.5297\text{E-}004 * x + 6.6074\text{E-}006$$

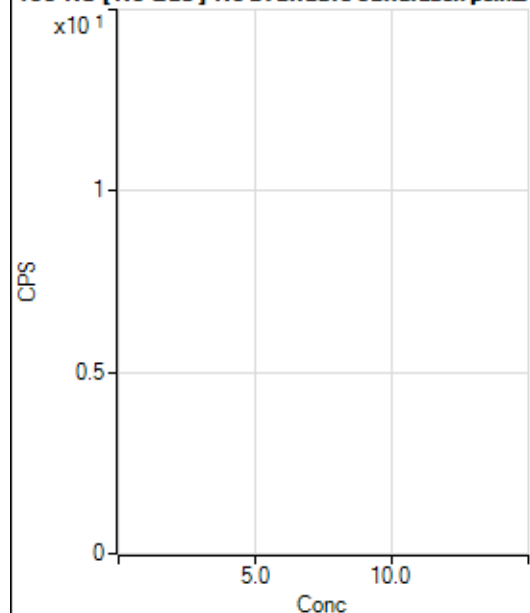
$$R = 0.9999$$

$$DL = 0.0148$$

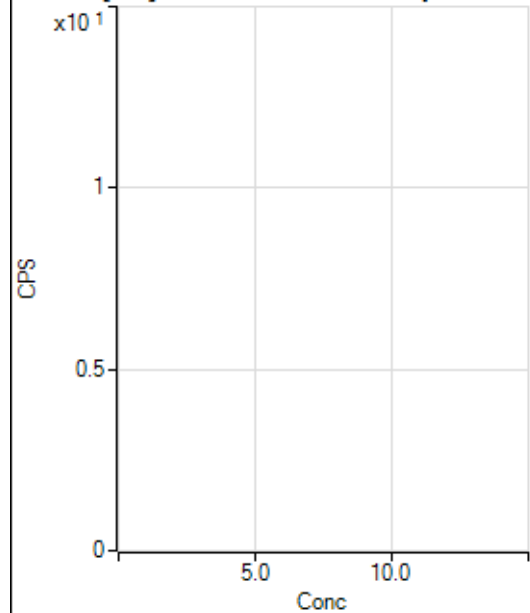
$$BEC = 0.01872$$

Weight: <None>

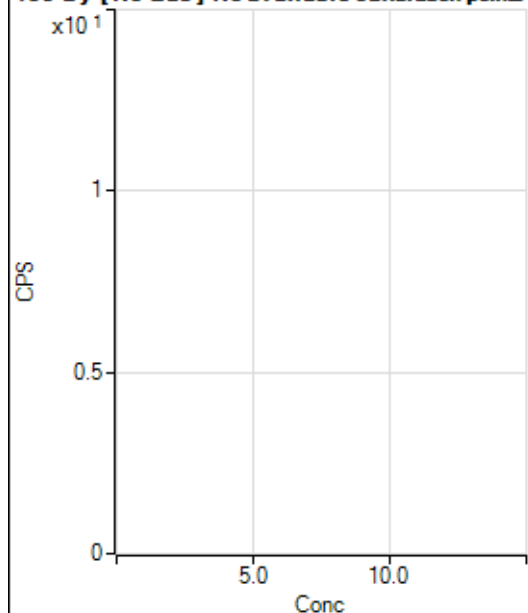
Min Conc: 0

150 Nd [No Gas] No available calibration points

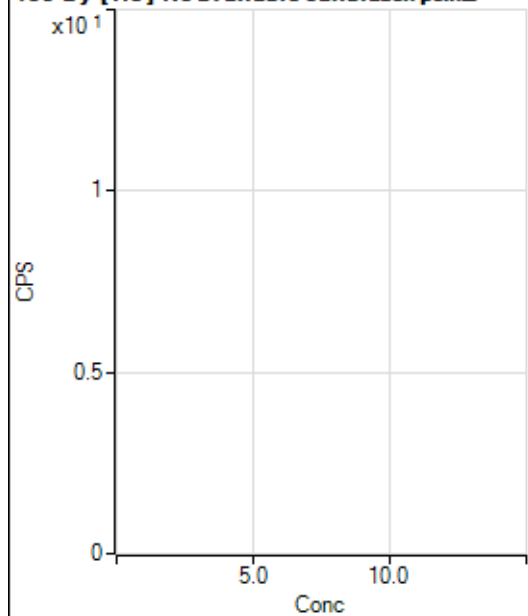
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	65.5
2	☐			5.55		P	124.
3	☐			18.89		P	56.7
4	☐			23.33		P	49.5
5	☐			48.89		P	15.7
6	☐			117.78		P	14.0
7	☐			200.00		P	4.4
8	☐			141.11		P	19.7

150 Nd [He] No available calibration points

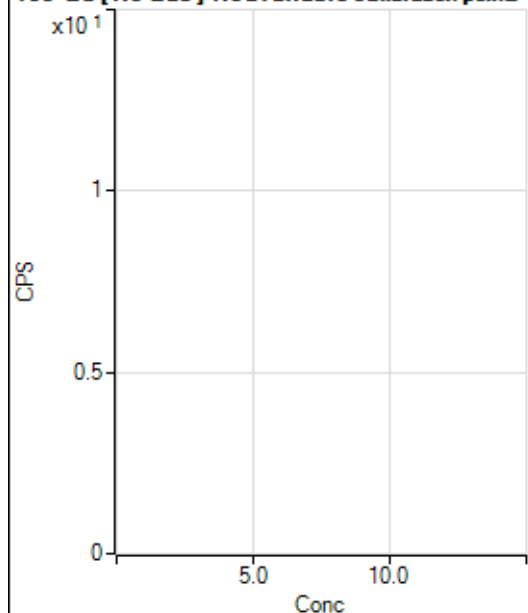
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			2.22		P	86.6
3	☐			6.67		P	50.0
4	☐			11.11		P	45.8
5	☐			16.66		P	69.3
6	☐			33.33		P	10.0
7	☐			62.22		P	17.2
8	☐			92.22		P	24.1

156 Dy [No Gas] No available calibration points

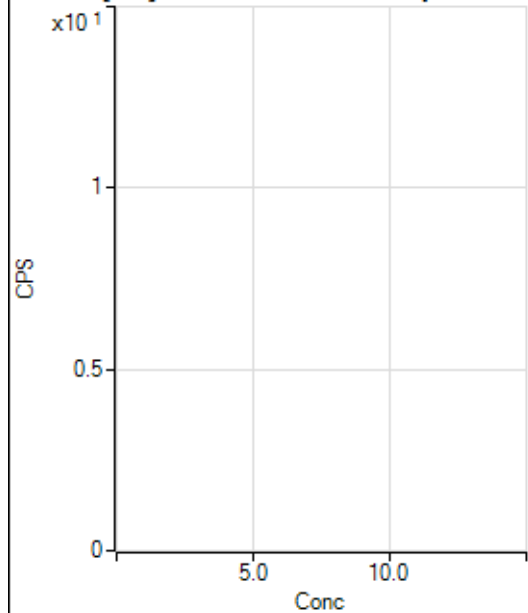
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			10.00		P	66.7
3	☐			10.00		P	57.8
4	☐			18.89		P	10.2
5	☐			27.78		P	25.0
6	☐			61.11		P	30.0
7	☐			123.34		P	14.3
8	☐			275.56		P	9.2

156 Dy [He] No available calibration points

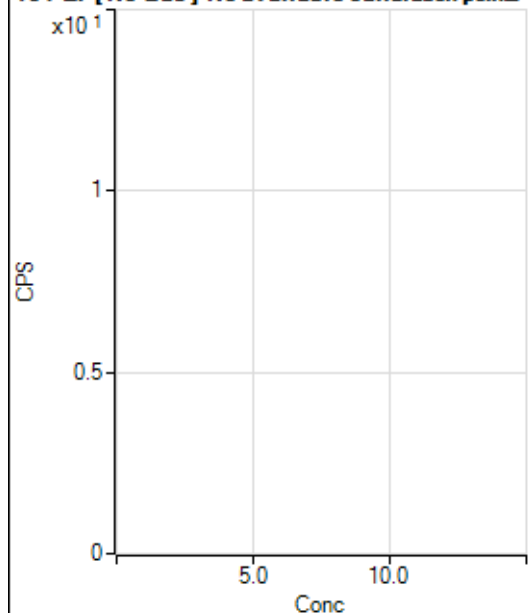
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			1.11		P	173.
3	☐			16.67		P	20.0
4	☐			47.78		P	8.1
5	☐			90.00		P	22.2
6	☐			200.01		P	5.8
7	☐			373.34		P	5.4
8	☐			226.67		P	4.4

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

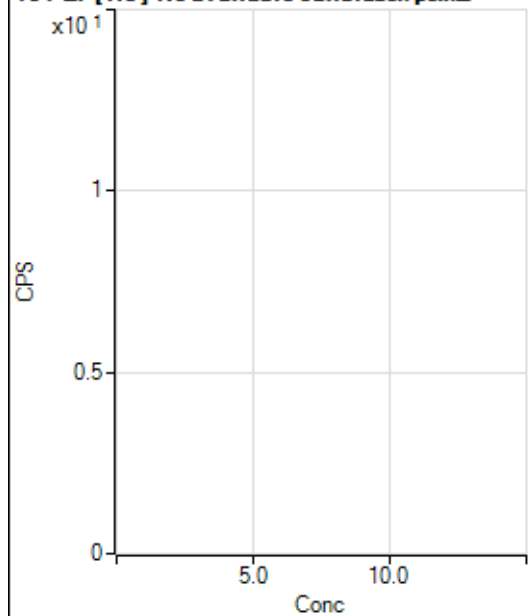
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			45.55		P	34.6
2	☐			43.33		P	7.7
3	☐			46.67		P	18.9
4	☐			43.33		P	42.8
5	☐			57.78		P	13.3
6	☐			70.00		P	35.9
7	☐			144.45		P	7.0
8	☐			326.67		P	6.7

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			357.79		P	5.7
2	☐			344.45		P	5.8
3	☐			322.23		P	6.2
4	☐			346.68		P	12.0
5	☐			343.34		P	2.6
6	☐			345.56		P	4.8
7	☐			385.57		P	6.4
8	☐			571.13		P	2.4

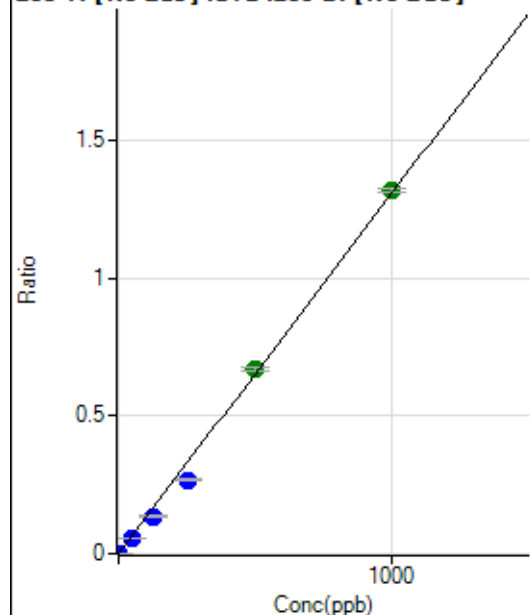
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.11		P	20.4
2	☐			36.67		P	47.2
3	☐			46.67		P	18.9
4	☐			67.78		P	18.6
5	☐			81.11		P	15.6
6	☐			114.44		P	20.7
7	☐			155.56		P	8.9
8	☐			632.24		P	9.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	48.5
2	☐			40.00		P	22.0
3	☐			34.44		P	24.3
4	☐			37.78		P	35.7
5	☐			53.34		P	10.8
6	☐			77.78		P	15.0
7	☐			127.78		P	6.6
8	☐			455.57		P	3.7

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	130.00	0.0000	P	25.6
2	☐	1.000	0.896	5669.01	0.0012	P	2.1
3	☐	50.000	40.936	248341.81	0.0535	P	1.4
4	☐	125.000	103.666	634049.90	0.1354	P	1.5
5	☐	250.000	205.484	1262881.38	0.2683	P	0.8
6	☐	500.000	512.326	3163735.54	0.6689	A	1.4
7	☐	1000.000	1008.086	6349404.49	1.3162	A	1.2
8	☐			4438.54	0.0010	P	3.5

$$y = 0.0013 * x + 2.7510E-005$$

$$R = 0.9988$$

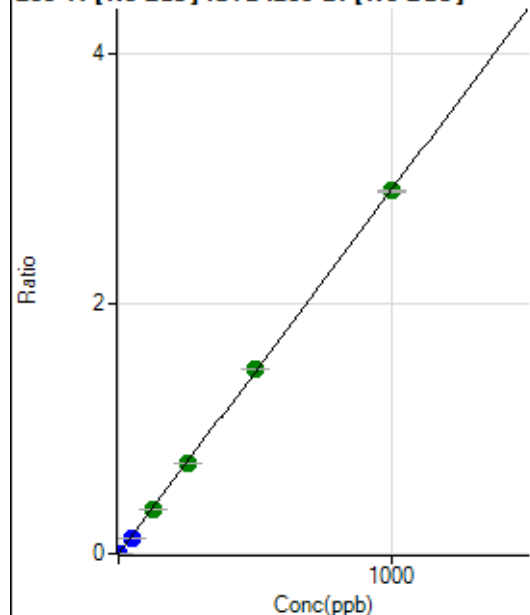
$$DL = 0.01617$$

$$BEC = 0.02107$$

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	292.87	0.0001	P	8.7
2	☐	1.000	0.849	11978.24	0.0025	P	1.2
3	☐	50.000	40.289	544136.48	0.1172	P	2.0
4	☐	125.000	123.284	1678660.72	0.3584	A	1.0
5	☐	250.000	250.250	3423902.48	0.7274	A	0.4
6	☐	500.000	506.376	6961756.46	1.4719	A	0.4
7	☐	1000.000	997.450	13986398.34	2.8993	A	0.6
8	☐			10517.93	0.0024	P	2.7

$$y = 0.0029 * x + 6.1882E-005$$

$$R = 0.9999$$

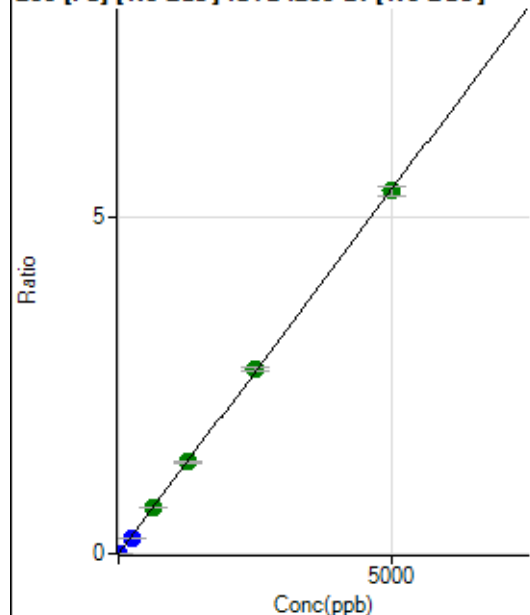
$$DL = 0.005577$$

$$BEC = 0.02129$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	547.79	0.0001	P	8.1
2	☐	1.000	0.724	4258.49	0.0009	P	3.7
3	☐	250.000	202.616	1019003.66	0.2194	P	1.4
4	☐	625.000	628.249	3185238.25	0.6801	A	2.2
5	☐	1250.000	1258.206	6410346.57	1.3619	A	1.1
6	☐	2500.000	2531.294	12957154.11	2.7399	A	2.1
7	☐	5000.000	4984.265	26024344.61	5.3949	A	2.5
8	☐			5484.50	0.0013	P	2.6

$$y = 0.0011 * x + 1.1563E-004$$

R = 0.9999

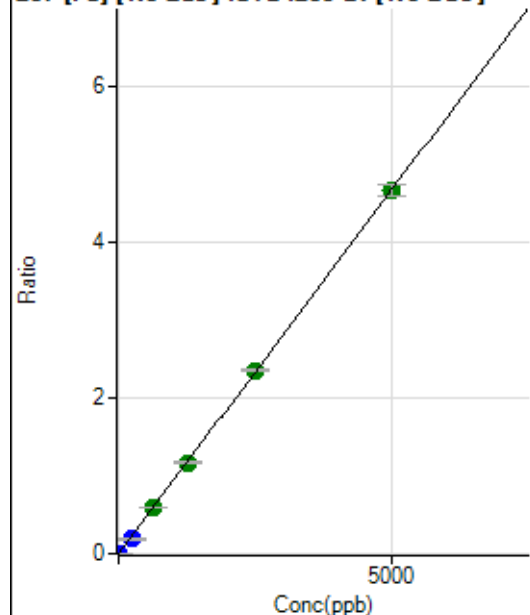
DL = 0.02595

BEC = 0.1068

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	431.12	0.0001	P	2.9
2	☐	1.000	0.742	3707.21	0.0008	P	3.5
3	☐	250.000	198.912	861880.84	0.1856	P	0.9
4	☐	625.000	637.839	2786391.45	0.5949	A	1.2
5	☐	1250.000	1252.746	5498988.88	1.1683	A	1.5
6	☐	2500.000	2521.930	11123429.83	2.3519	A	1.4
7	☐	5000.000	4989.298	22442895.22	4.6528	A	3.3
8	☐			4586.38	0.0011	P	3.0

$$y = 9.3253E-004 * x + 9.1094E-005$$

R = 0.9999

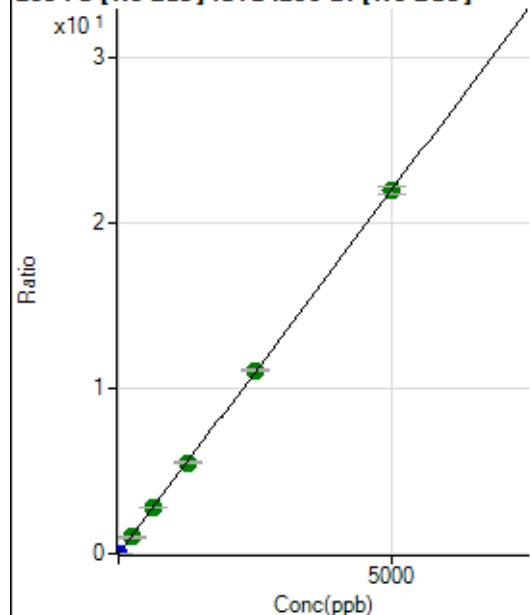
DL = 0.008433

BEC = 0.09768

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	2182.27	0.0005	P	3.7
2	☐	1.000	0.792	18657.30	0.0039	P	0.6
3	☐	250.000	225.590	4601706.11	0.9908	A	0.9
4	☐	625.000	633.701	13032406.75	2.7825	A	1.4
5	☐	1250.000	1253.898	25912215.85	5.5053	A	1.0
6	☐	2500.000	2516.714	52258943.51	11.0493	A	0.8
7	☐	5000.000	4990.802	105695007.5	21.9111	A	2.0
8	☐			22663.28	0.0052	P	2.6

$$y = 0.0044 * x + 4.6100E-004$$

$$R = 1.0000$$

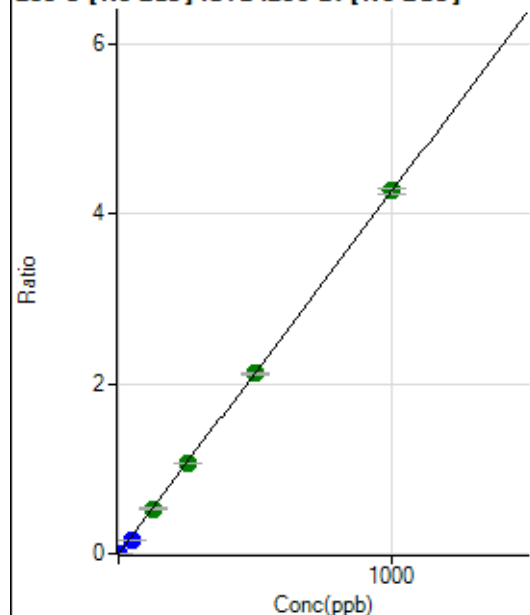
$$DL = 0.01181$$

$$BEC = 0.105$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7.78	0.0000	P	23.2
2	☐	1.000	0.815	16466.97	0.0035	P	2.3
3	☐	50.000	38.541	763140.54	0.1643	P	1.5
4	☐	125.000	123.736	2470849.13	0.5276	A	2.0
5	☐	250.000	248.187	4980499.92	1.0582	A	0.4
6	☐	500.000	498.087	10043804.71	2.1236	A	0.7
7	☐	1000.000	1002.141	20611843.31	4.2727	A	1.3
8	☐			493.35	0.0001	P	8.3

$$y = 0.0043 * x + 1.6403E-006$$

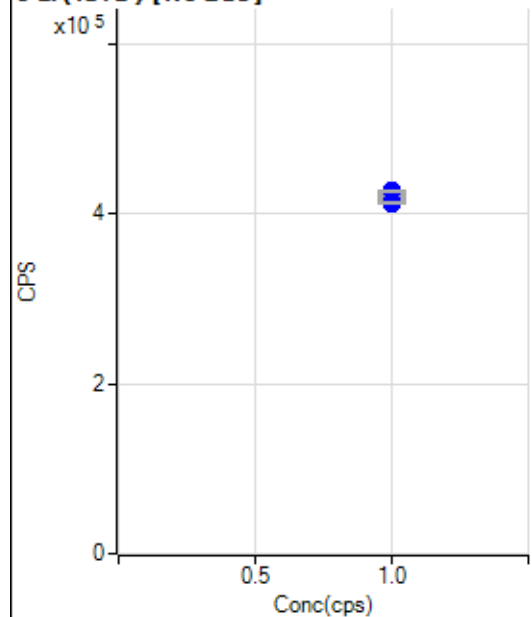
$$R = 0.9999$$

$$DL = 0.0002672$$

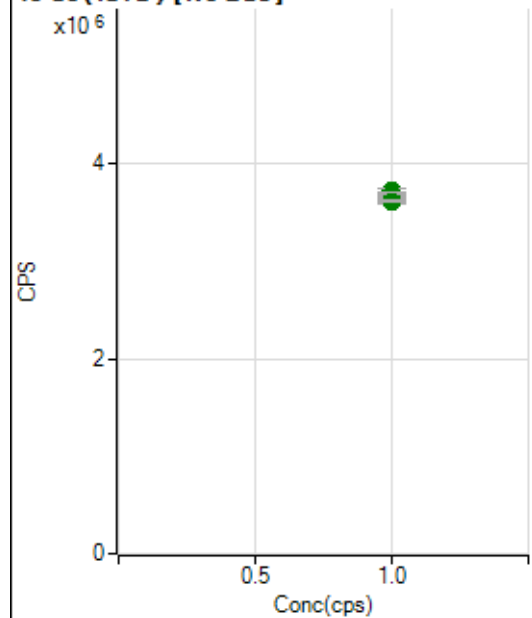
$$BEC = 0.0003847$$

Weight: <None>

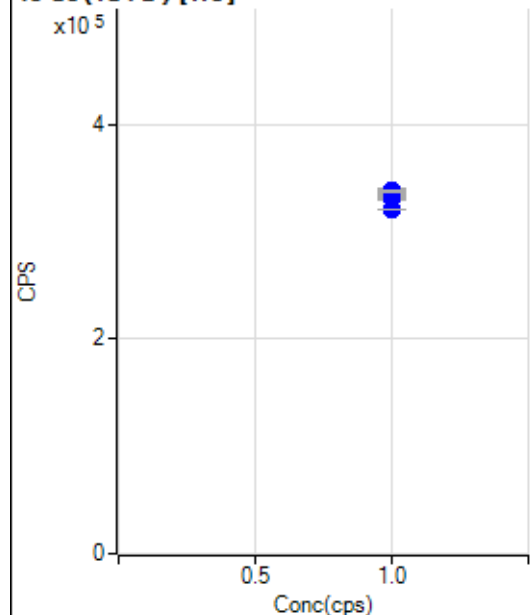
Min Conc: 0

6 Li (ISTD) [No Gas]

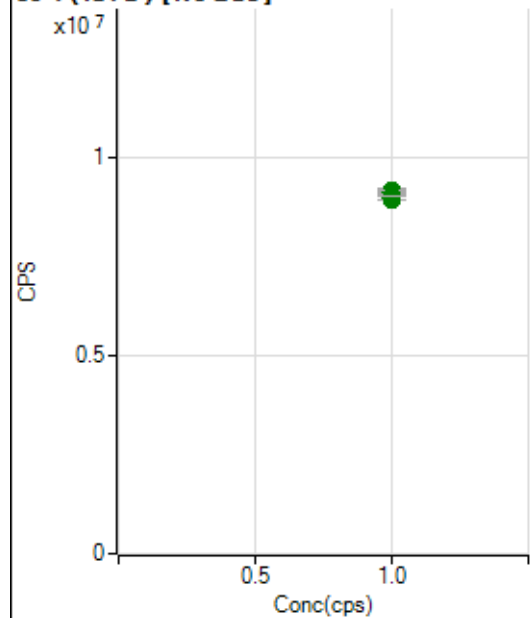
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		413256.67		P	1.3
2	☐	1.000		421069.72		P	0.9
3	☐	1.000		418293.41		P	0.5
4	☐	1.000		423323.57		P	0.7
5	☐	1.000		424000.10		P	0.2
6	☐	1.000		421972.81		P	0.9
7	☐	1.000		426655.33		P	0.7
8	☐	1.000		412413.03		P	0.6

45 Sc (ISTD) [No Gas]

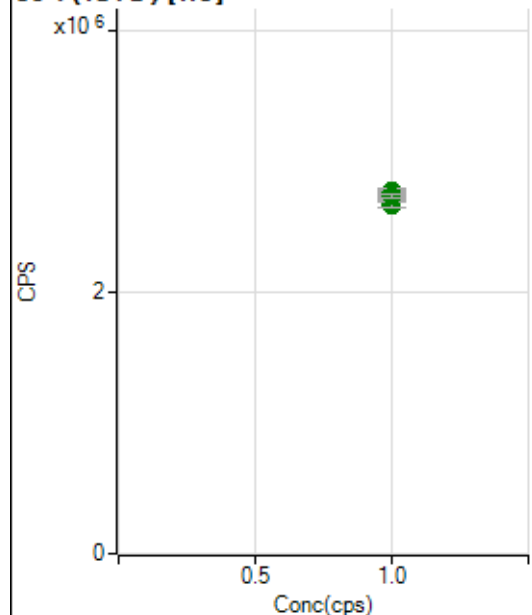
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3686429.35		A	0.7
2	☐	1.000		3718325.26		A	0.9
3	☐	1.000		3652543.49		A	0.7
4	☐	1.000		3660101.72		A	1.9
5	☐	1.000		3605260.29		A	0.5
6	☐	1.000		3629313.00		A	2.3
7	☐	1.000		3689928.17		A	0.7
8	☐	1.000		3614420.78		A	0.3

45 Sc (ISTD) [He]

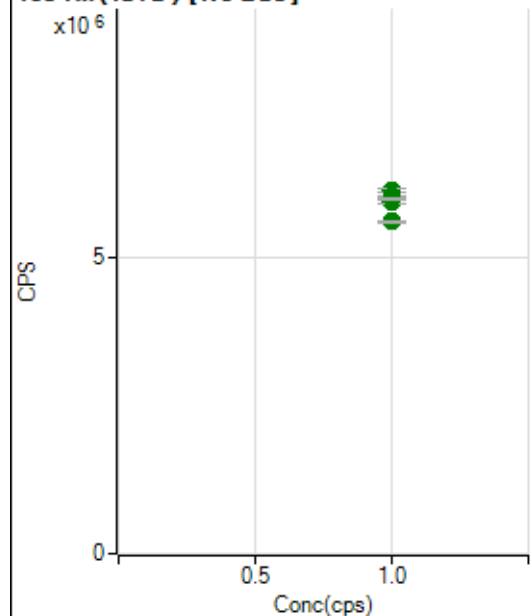
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		338069.97		P	0.7
2	☐	1.000		336769.01		P	0.4
3	☐	1.000		331380.83		P	0.9
4	☐	1.000		331881.53		P	0.7
5	☐	1.000		320687.97		P	0.4
6	☐	1.000		333937.30		P	0.7
7	☐	1.000		337944.63		P	1.2
8	☐	1.000		337708.47		P	0.7

89 Y (ISTD) [No Gas]

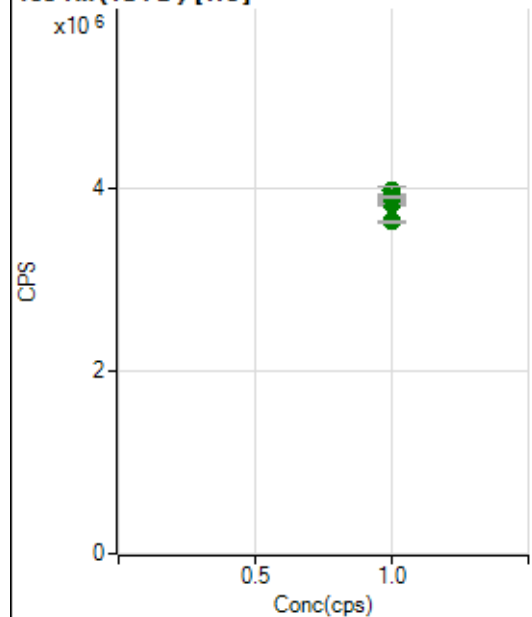
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9070079.52		A	0.4
2	☐	1.000		9134488.61		A	1.3
3	☐	1.000		8967817.09		A	1.4
4	☐	1.000		9142297.36		A	0.4
5	☐	1.000		8929469.31		A	0.1
6	☐	1.000		9116013.06		A	0.8
7	☐	1.000		9108508.75		A	1.0
8	☐	1.000		9009664.24		A	0.1

89 Y(ISTD) [He]

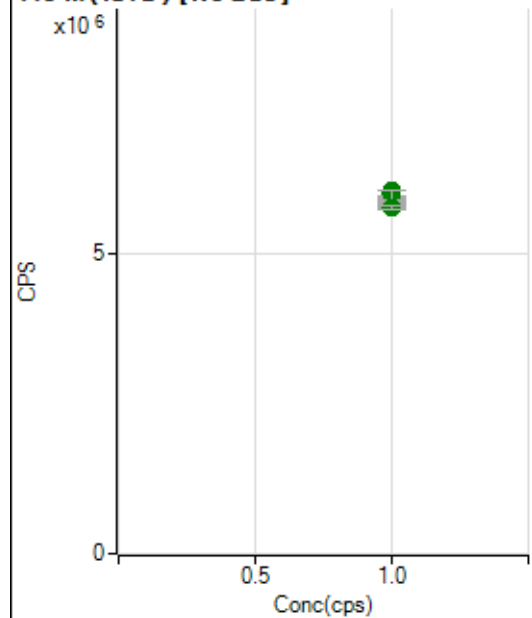
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2771236.69		A	0.8
2	☐	1.000		2764373.57		A	1.0
3	☐	1.000		2704947.34		A	0.3
4	☐	1.000		2672066.19		A	1.9
5	☐	1.000		2661736.21		A	1.7
6	☐	1.000		2741382.27		A	1.0
7	☐	1.000		2762960.69		A	1.8
8	☐	1.000		2732215.15		A	1.4

103 Rh(ISTD) [No Gas]

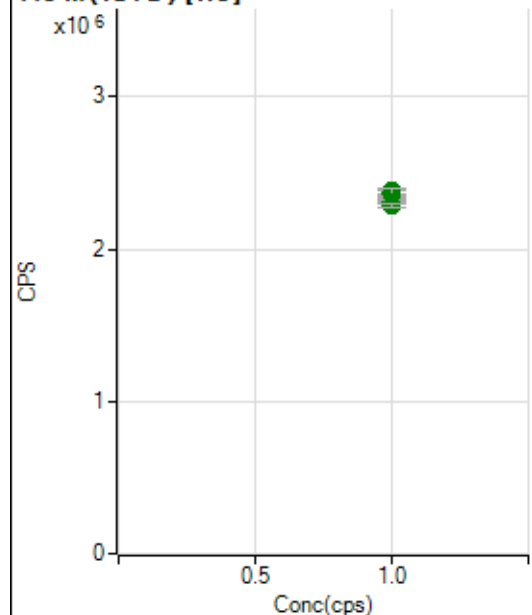
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5969423.03		A	0.5
2	☐	1.000		6111783.11		A	1.2
3	☐	1.000		6018689.29		A	0.8
4	☐	1.000		5971867.55		A	0.7
5	☐	1.000		5974551.99		A	0.7
6	☐	1.000		5931923.45		A	0.7
7	☐	1.000		5986055.61		A	0.3
8	☐	1.000		5591597.28		A	0.4

103 Rh (ISTD) [He]

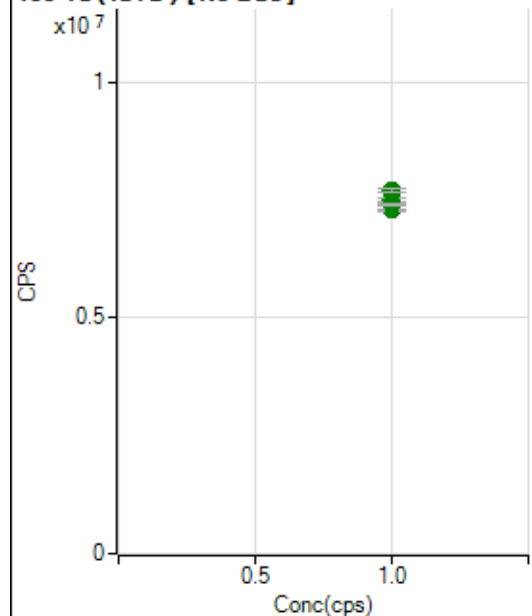
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3900727.13		A	1.3
2	☐	1.000		3965924.42		A	2.0
3	☐	1.000		3896855.60		A	1.0
4	☐	1.000		3842752.62		A	1.8
5	☐	1.000		3833599.94		A	0.8
6	☐	1.000		3880369.11		A	1.3
7	☐	1.000		3892615.53		A	0.7
8	☐	1.000		3634095.74		A	0.6

115 In (ISTD) [No Gas]

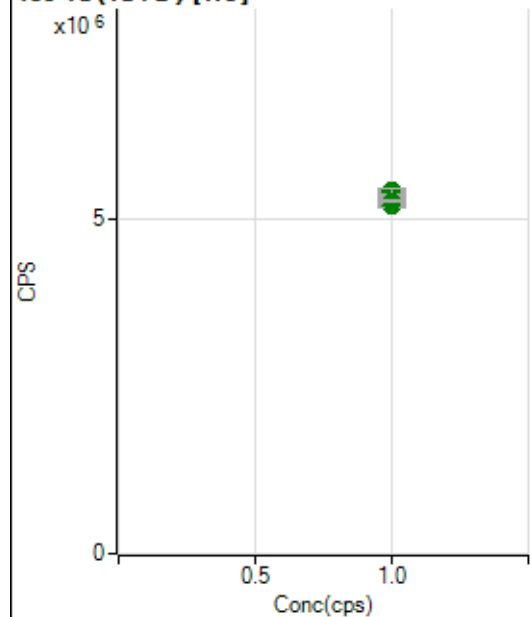
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6032142.98		A	1.6
2	☐	1.000		6055556.15		A	0.1
3	☐	1.000		5924555.01		A	0.9
4	☐	1.000		5887808.49		A	1.5
5	☐	1.000		5819933.10		A	1.0
6	☐	1.000		5905645.57		A	1.6
7	☐	1.000		5986387.18		A	2.3
8	☐	1.000		5781577.07		A	0.8

115 In (ISTD) [He]

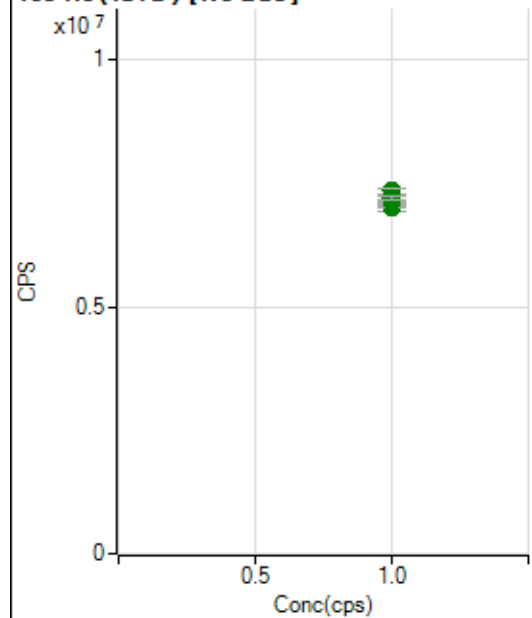
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2383068.09		A	1.4
2	☐	1.000		2375536.34		A	0.7
3	☐	1.000		2340774.44		A	0.5
4	☐	1.000		2333610.04		A	0.5
5	☐	1.000		2294688.68		A	1.6
6	☐	1.000		2362731.32		A	2.7
7	☐	1.000		2313692.36		A	1.4
8	☐	1.000		2286460.51		A	1.3

159 Tb (ISTD) [No Gas]

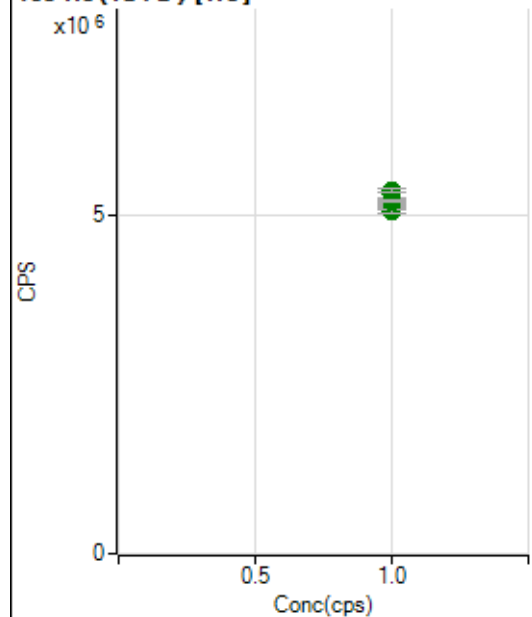
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7366160.66		A	2.7
2	☐	1.000		7425984.06		A	1.2
3	☐	1.000		7311137.74		A	1.4
4	☐	1.000		7365334.54		A	1.6
5	☐	1.000		7424112.74		A	0.7
6	☐	1.000		7511644.89		A	1.2
7	☐	1.000		7690783.64		A	1.2
8	☐	1.000		7415318.78		A	0.6

159 Tb (ISTD) [He]

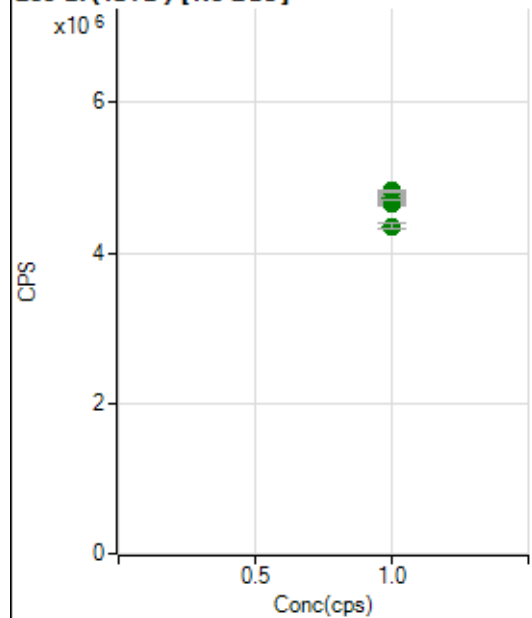
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5354361.69		A	1.7
2	☐	1.000		5281976.27		A	1.0
3	☐	1.000		5237593.67		A	0.8
4	☐	1.000		5212682.98		A	0.8
5	☐	1.000		5204446.00		A	1.0
6	☐	1.000		5386933.36		A	1.4
7	☐	1.000		5417928.04		A	1.9
8	☐	1.000		5265784.30		A	0.6

165 Ho (ISTD) [No Gas]

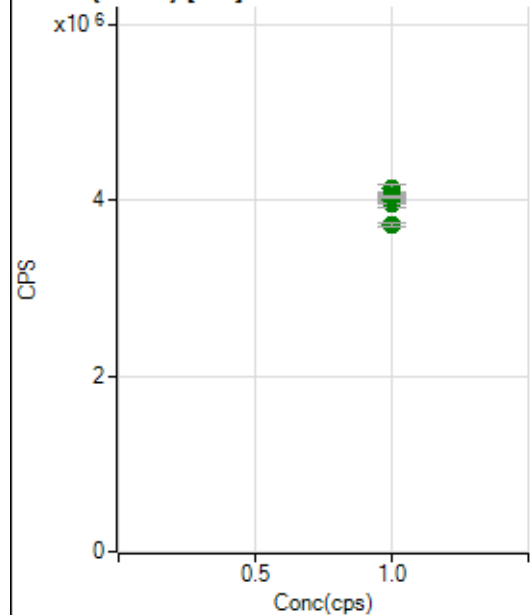
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6993553.71		A	1.4
2	☐	1.000		7233550.52		A	0.3
3	☐	1.000		7078301.49		A	1.4
4	☐	1.000		7024740.73		A	0.8
5	☐	1.000		7109914.34		A	0.4
6	☐	1.000		7152913.99		A	0.0
7	☐	1.000		7346327.25		A	1.5
8	☐	1.000		7202573.15		A	1.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5191407.67		A	1.7
2	☐	1.000		5132337.74		A	1.6
3	☐	1.000		5113230.27		A	0.5
4	☐	1.000		5056269.99		A	0.7
5	☐	1.000		5051980.83		A	1.5
6	☐	1.000		5294837.11		A	1.1
7	☐	1.000		5356156.38		A	1.0
8	☐	1.000		5202095.58		A	0.7

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4733023.40		A	2.0
2	☐	1.000		4735617.88		A	0.4
3	☐	1.000		4644336.49		A	0.7
4	☐	1.000		4683816.87		A	0.6
5	☐	1.000		4706696.18		A	0.2
6	☐	1.000		4729790.56		A	1.2
7	☐	1.000		4824186.84		A	0.6
8	☐	1.000		4352718.72		A	1.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4078028.06		A	0.6
2	☐	1.000		4127956.08		A	2.2
3	☐	1.000		3995251.82		A	1.2
4	☐	1.000		3985359.21		A	0.6
5	☐	1.000		3962743.48		A	2.4
6	☐	1.000		4011561.47		A	2.2
7	☐	1.000		4041336.54		A	0.5
8	☐	1.000		3728657.10		A	1.3