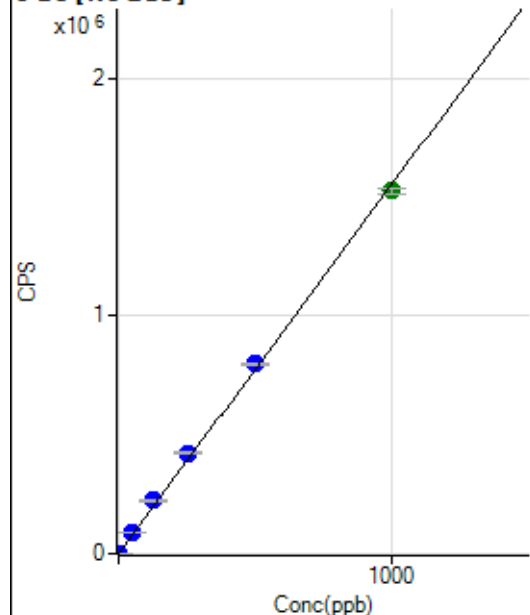


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8100923MS .b\
Analysis File: P8100923MS .batch.bin
DA Date-Time: 2023-10-09 15:20:45
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-10-09 13:42:02
2	006CALS.d	S02	2023-10-09 13:48:47
3	008CALS.d	S03	2023-10-09 13:55:33
4	009CALS.d	S04	2023-10-09 13:58:45
5	010CALS.d	S05	2023-10-09 14:01:47
6	011CALS.d	S06	2023-10-09 14:04:49
7	012CALS.d	S07	2023-10-09 14:07:50
8	014CALS.d	S08	2023-10-09 14:14:10

9 Be [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	35.67		P	14.3
2	☐	1.000	1.056	1675.19		P	4.8
3	☐	50.000	59.351	92156.17		P	1.2
4	☐	125.000	143.948	223462.96		P	2.0
5	☐	250.000	273.036	423824.13		P	1.1
6	☐	500.000	515.463	800104.02		P	0.8
7	☐	1000.000	983.673	1526829.27		A	1.8
8	☐			136.31		P	17.7

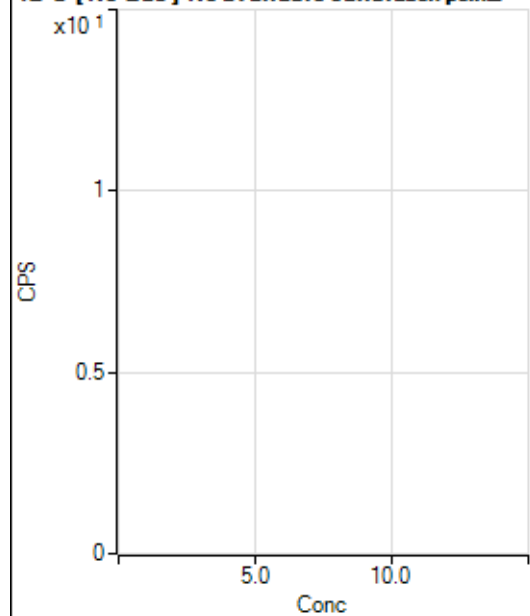
$$y = 1552.1348 * x + 35.6733$$

$$R = 0.9994$$

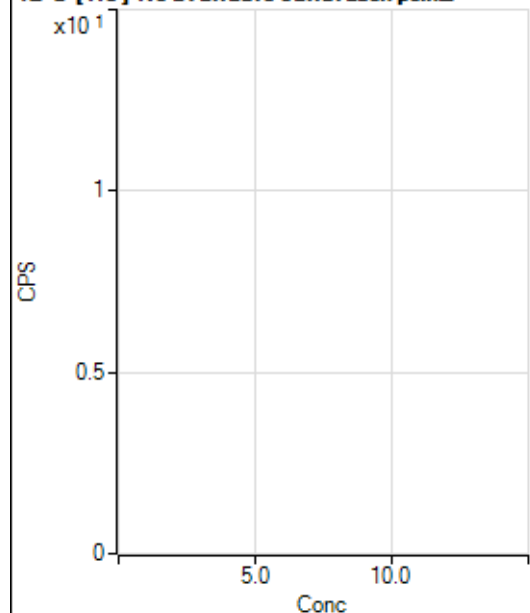
$$DL = 0.009853$$

Weight: <None>

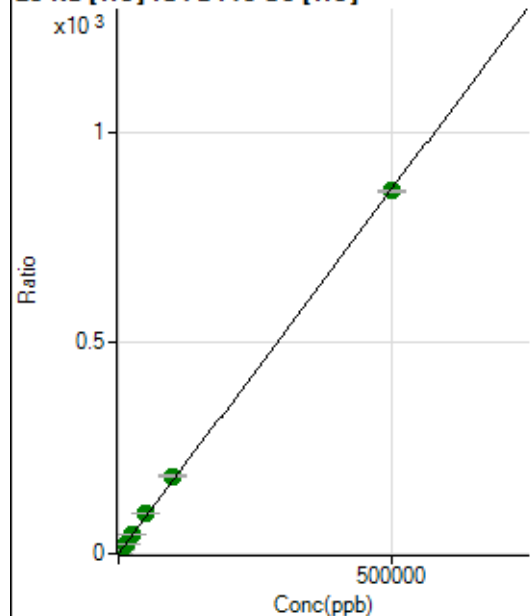
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2048910.78		A	0.9
2	☐			2079526.13		A	0.7
3	☐			2130661.13		A	0.8
4	☐			2138778.89		A	2.4
5	☐			2063618.35		A	2.1
6	☐			2182032.31		A	3.0
7	☐			2231019.64		A	4.6
8	☐			2059181.58		A	1.0

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			27536.99		P	2.1
2	☐			27457.98		P	0.4
3	☐			29017.61		P	0.7
4	☐			29274.79		P	1.1
5	☐			28766.01		P	0.7
6	☐			31169.78		P	1.1
7	☐			32748.75		P	1.4
8	☐			35115.29		P	0.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	38133.05	0.2072	P	5.3
2	☐	500.000	473.419	194622.57	1.0245	P	0.5
3	☐	5000.000	5599.283	1815795.48	9.8733	A	0.4
4	☐	12500.000	13676.958	4291742.30	23.8178	A	1.3
5	☐	25000.000	27459.424	8001963.08	47.6105	A	0.7
6	☐	50000.000	55513.641	15906357.96	96.0406	A	0.9
7	☐	100000.00	106612.61	31492274.53	184.2529	A	1.4
8	☐	500000.00	497967.75	175284455.1	859.8502	A	0.6

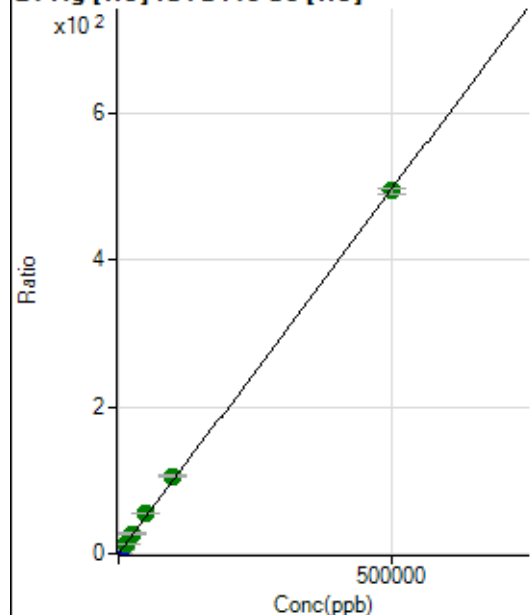
$$y = 0.0017 * x + 0.2072$$

$$R = 0.9999$$

$$DL = 19.11$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	152.22	0.0008	P	15.1
2	☐	500.000	479.771	90552.56	0.4767	P	0.8
3	☐	5000.000	5508.581	1004991.28	5.4645	P	0.9
4	☐	12500.000	13769.665	2461386.02	13.6582	A	0.5
5	☐	25000.000	27696.023	4617377.33	27.4709	A	1.7
6	☐	50000.000	55638.154	9139800.14	55.1851	A	0.7
7	☐	100000.00	106463.46	18048407.79	105.5957	A	1.1
8	☐	500000.00	497971.88	100683406.2	493.9100	A	1.5

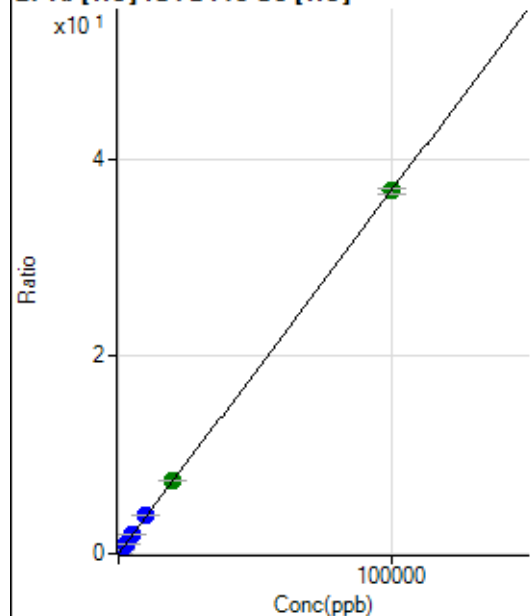
$$y = 9.9184\text{E-}004 * x + 8.2836\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.3776$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	124.45	0.0007	P	14.7
2	☐	20.000	21.769	1651.22	0.0087	P	2.3
3	☐	1000.000	1016.983	68992.72	0.3752	P	2.0
4	☐	2500.000	2564.782	170310.26	0.9451	P	1.1
5	☐	5000.000	5177.430	320581.78	1.9072	P	1.1
6	☐	10000.000	10423.896	635852.19	3.8392	P	0.5
7	☐	20000.000	20170.136	1269647.13	7.4281	A	0.3
8	☐	100000.00	99912.922	7500280.30	36.7927	A	1.4

$$y = 3.6824\text{E-}004 * x + 6.7707\text{E-}004$$

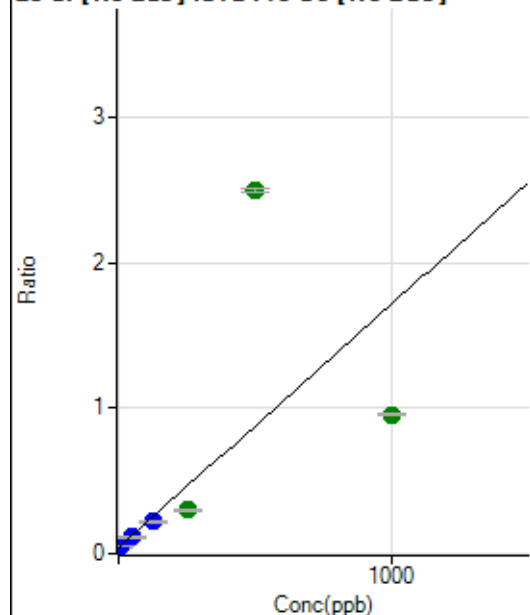
$$R = 1.0000$$

$$DL = 0.8107$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	217369.17	0.0440	P	1.7
2	☐	10.000	8.667	294350.97	0.0585	P	1.0
3	☐	50.000	40.955	557345.88	0.1125	P	1.7
4	☐	125.000	105.502	1043264.87	0.2205	P	2.6
5	☐	250.000	153.449	1410905.64	0.3007	A	3.6
6	☐	500.000	1464.878	11316007.47	2.4952	A	1.0
7	☐	1000.000	544.601	4267844.35	0.9553	A	1.7
8	☐			300674.83	0.0626	P	0.6

$$y = 0.0017 * x + 0.0440$$

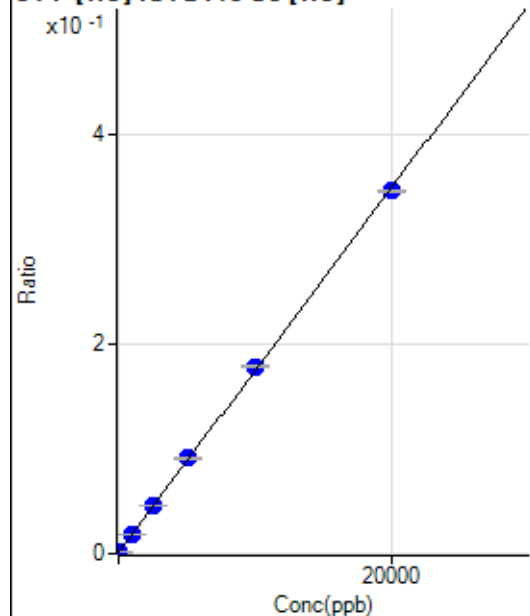
$$R = 0.5912$$

$$DL = 1.334$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-5.012	155.56	0.0008	P	16.4
2	☐	0.000	5.012	194.45	0.0010	P	15.6
3	☐	1000.000	1021.736	3449.33	0.0188	P	2.5
4	☐	2500.000	2590.253	8309.12	0.0461	P	1.3
5	☐	5000.000	5188.401	15367.11	0.0914	P	1.3
6	☐	10000.000	10218.047	29670.42	0.1792	P	0.8
7	☐	20000.000	19831.508	59279.51	0.3468	P	0.9
8	☐			185.56	0.0009	P	2.4

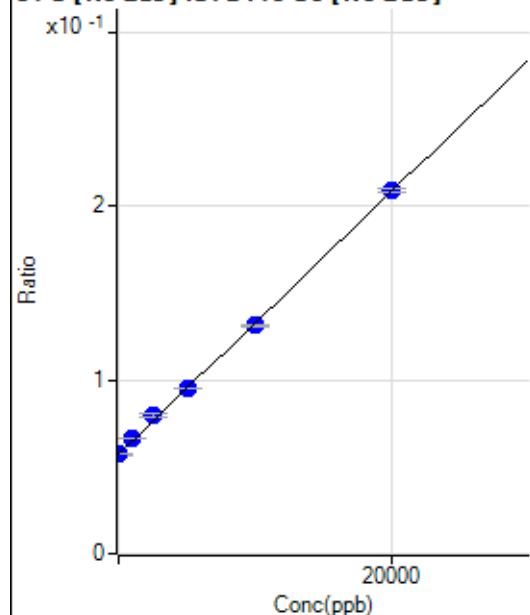
$$y = 1.7441E-005 * x + 9.3512E-004$$

$$R = 0.9999$$

$$DL = 25.67$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	19.958	283411.81	0.0573	P	1.7
2	☐	0.000	-19.958	287069.12	0.0570	P	0.2
3	☐	1000.000	1196.899	328080.45	0.0662	P	1.2
4	☐	2500.000	2942.028	375710.37	0.0794	P	2.4
5	☐	5000.000	5012.990	446131.66	0.0951	P	0.2
6	☐	10000.000	9798.710	595229.99	0.1312	P	0.8
7	☐	20000.000	20032.299	932075.13	0.2086	P	1.2
8	☐			266643.14	0.0555	P	0.2

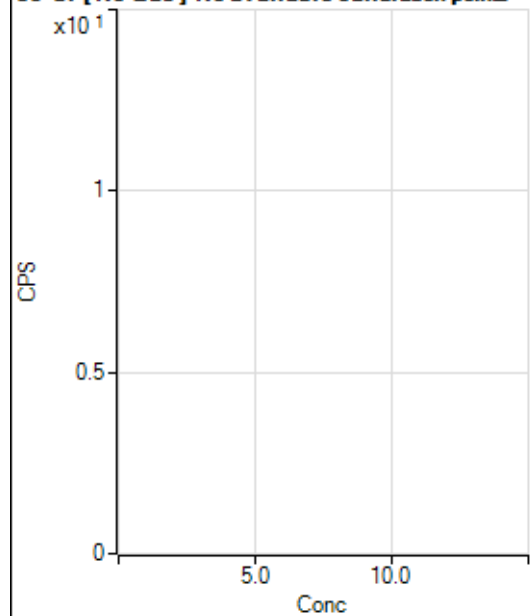
$$y = 7.5604E-006 * x + 0.0572$$

R = 0.9996

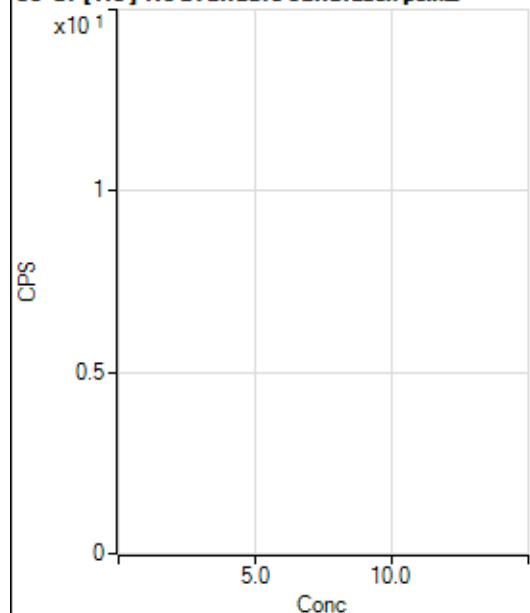
DL = 216.4

Weight: <None>

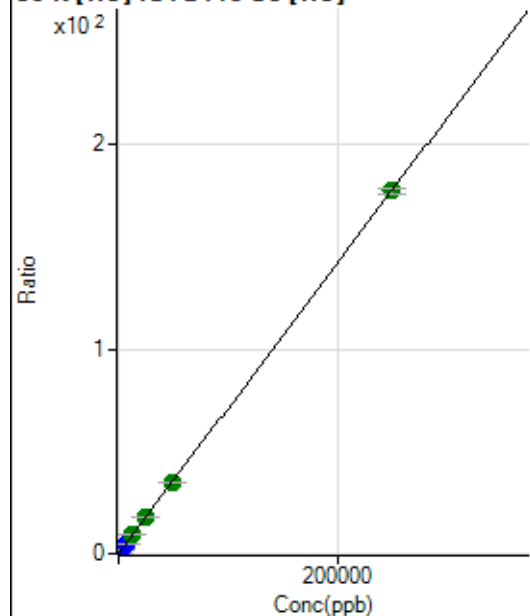
Min Conc: 0

35 Cl [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			75674.24		P	2.1
2	☐			76896.18		P	0.5
3	☐			102997.51		P	0.4
4	☐			100323.37		P	0.6
5	☐			96920.43		P	0.9
6	☐			97034.73		P	1.5
7	☐			101995.93		P	1.3
8	☐			99144.22		P	1.4

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			642.24		P	6.9
2	☐			631.13		P	4.3
3	☐			825.59		P	9.4
4	☐			878.92		P	6.3
5	☐			843.37		P	6.5
6	☐			867.81		P	6.4
7	☐			924.48		P	9.6
8	☐			974.49		P	4.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	9306.41	0.0506	P	5.4
2	☐	500.000	437.631	68458.06	0.3604	P	2.1
3	☐	2500.000	2502.866	335172.54	1.8226	P	1.3
4	☐	6250.000	6259.916	807774.21	4.4825	P	0.4
5	☐	12500.000	12975.298	1552617.15	9.2368	A	1.5
6	☐	25000.000	25431.110	2990343.08	18.0553	A	1.2
7	☐	50000.000	48844.574	5919280.40	34.6315	A	0.8
8	☐	250000.00	250164.05	36114498.35	177.1616	A	1.6

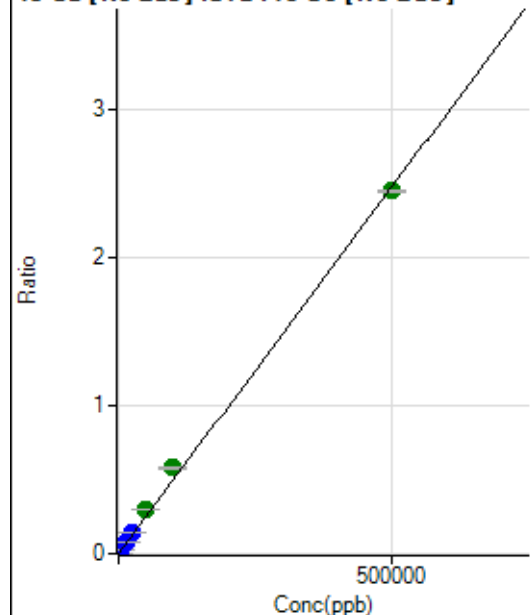
$$y = 7.0798E-004 * x + 0.0506$$

$$R = 1.0000$$

$$DL = 11.65$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	186.67	0.0000	P	1.6
2	☐	500.000	433.435	10976.48	0.0022	P	1.5
3	☐	5000.000	5858.321	143662.98	0.0290	P	0.7
4	☐	12500.000	14838.629	347116.16	0.0734	P	4.0
5	☐	25000.000	28877.130	669953.32	0.1428	P	1.1
6	☐	50000.000	59756.444	1339748.42	0.2954	A	0.6
7	☐	100000.00	117303.60	2590550.17	0.5799	A	2.5
8	☐	500000.00	495302.79	11760832.19	2.4482	A	0.5

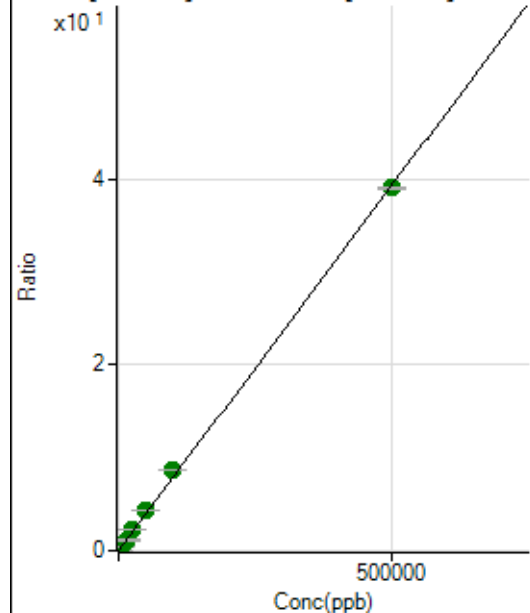
$$y = 4.9428\text{E-}006 * x + 3.7752\text{E-}005$$

$$R = 0.9992$$

$$DL = 0.3557$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	40374.35	0.0082	P	2.1
2	☐	500.000	442.354	216191.84	0.0429	P	1.0
3	☐	5000.000	5703.706	2262224.74	0.4565	A	0.2
4	☐	12500.000	14319.116	5363433.95	1.1338	A	3.5
5	☐	25000.000	27874.268	10320985.96	2.1994	A	1.3
6	☐	50000.000	55577.408	19851251.51	4.3772	A	0.5
7	☐	100000.00	110445.84	38829964.98	8.6904	A	0.8
8	☐	500000.00	497156.92	187784281.6	39.0902	A	0.3

$$y = 7.8611\text{E-}005 * x + 0.0082$$

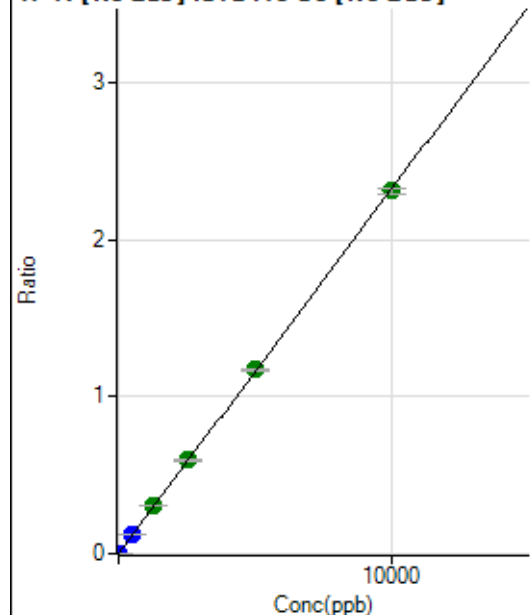
$$R = 0.9997$$

$$DL = 6.674$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	De _t	RSD
1	☐	0.000	0.000	110.00	0.0000	P	24.9
2	☐	5.000	4.637	5532.22	0.0011	P	4.6
3	☐	500.000	512.719	589888.65	0.1191	P	1.0
4	☐	1250.000	1316.282	1445991.21	0.3056	A	2.1
5	☐	2500.000	2573.640	2803716.56	0.5975	A	1.9
6	☐	5000.000	5042.257	5309001.52	1.1706	A	0.8
7	☐	10000.000	9951.540	10324387.69	2.3104	A	1.5
8	☐			1492.32	0.0003	P	8.8

$$y = 2.3216E-004 * x + 2.2298E-005$$

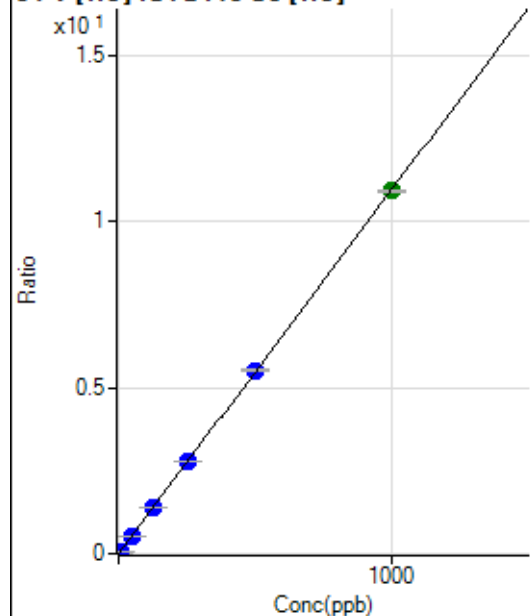
$$R = 0.9999$$

$$DL = 0.07163$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	De _t	RSD
1	☐	0.000	0.000	12.22	0.0001	P	62.5
2	☐	5.000	4.476	9316.46	0.0490	P	1.5
3	☐	50.000	49.664	99947.18	0.5435	P	1.4
4	☐	125.000	124.670	245828.91	1.3642	P	0.6
5	☐	250.000	253.055	465377.51	2.7689	P	0.8
6	☐	500.000	503.484	912381.06	5.5090	P	0.6
7	☐	1000.000	997.555	1865635.79	10.9150	A	0.3
8	☐			842.54	0.0041	P	68.9

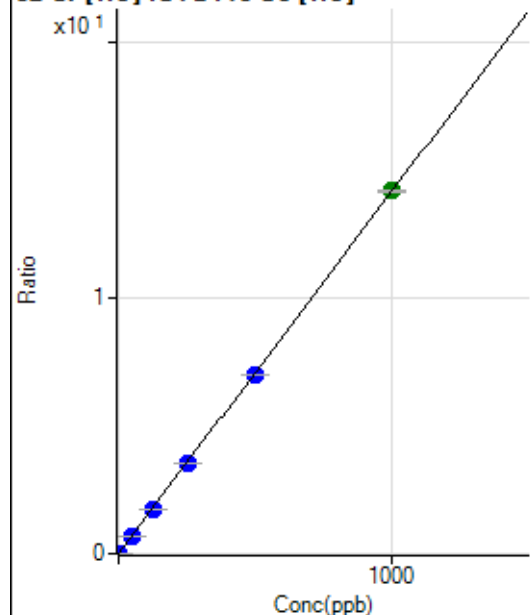
$$y = 0.0109 * x + 6.7749E-005$$

$$R = 1.0000$$

$$DL = 0.0116$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1675.67	0.0091	P	14.9
2	☐	2.000	1.864	6742.78	0.0355	P	2.9
3	☐	50.000	49.542	130507.45	0.7097	P	1.2
4	☐	125.000	123.430	316134.34	1.7544	P	1.2
5	☐	250.000	247.748	590339.82	3.5123	P	0.5
6	☐	500.000	495.824	1162641.18	7.0200	P	0.3
7	☐	1000.000	1002.871	2425318.90	14.1896	A	0.7
8	☐			9019.11	0.0442	P	8.6

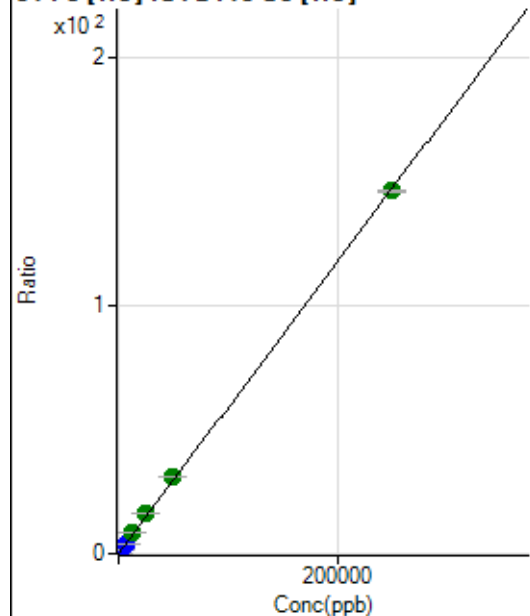
$$y = 0.0141 * x + 0.0091$$

$$R = 1.0000$$

$$DL = 0.2896$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	454.46	0.0025	P	2.0
2	☐	50.000	49.802	6015.77	0.0317	P	3.6
3	☐	2500.000	2715.097	293299.13	1.5949	P	1.3
4	☐	6250.000	6784.460	717498.15	3.9815	P	0.5
5	☐	12500.000	13987.016	1379275.67	8.2058	A	0.8
6	☐	25000.000	28003.721	2720526.21	16.4266	A	0.9
7	☐	50000.000	53231.729	5336796.66	31.2228	A	0.6
8	☐	250000.00	248963.41	29766731.23	146.0191	A	0.3

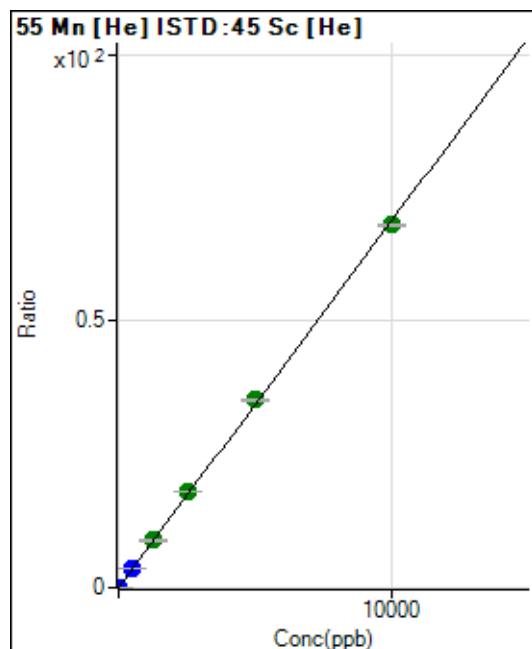
$$y = 5.8650E-004 * x + 0.0025$$

$$R = 0.9999$$

$$DL = 0.2529$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	De _t	RSD
1	☐	0.000	0.000	105.56	0.0006	P	31.5
2	☐	1.000	0.983	1393.42	0.0073	P	1.7
3	☐	500.000	508.731	643992.31	3.5018	P	1.3
4	☐	1250.000	1288.480	1598194.66	8.8683	A	2.4
5	☐	2500.000	2622.221	3033319.57	18.0475	A	1.3
6	☐	5000.000	5136.773	5855336.09	35.3533	A	1.0
7	☐	10000.000	9895.811	11640946.77	68.1064	A	0.6
8	☐			9149.77	0.0448	P	42.1

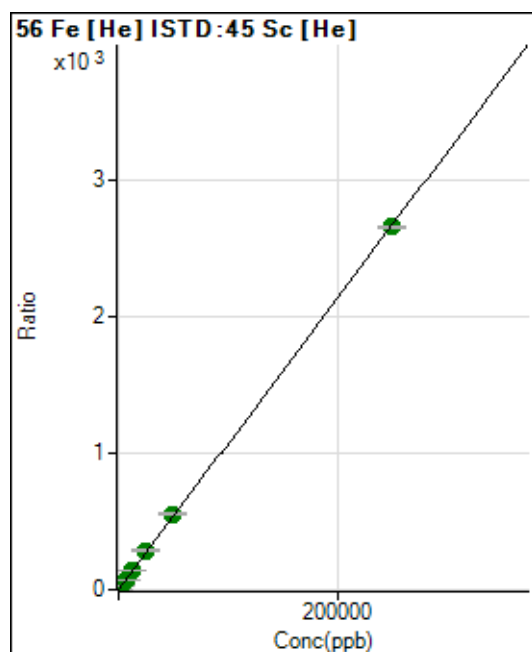
$$y = 0.0069 * x + 5.7097E-004$$

$$R = 0.9998$$

$$DL = 0.0785$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	De _t	RSD
1	☐	0.000	0.000	3976.15	0.0216	P	1.2
2	☐	50.000	48.615	102504.46	0.5396	P	1.5
3	☐	2500.000	2720.120	5334530.96	29.0076	A	1.4
4	☐	6250.000	6786.414	13035901.33	72.3386	A	0.8
5	☐	12500.000	13682.777	24510120.19	145.8273	A	1.1
6	☐	25000.000	27053.965	47751133.18	288.3128	A	0.9
7	☐	50000.000	52000.447	94716279.70	554.1463	A	0.8
8	☐	250000.00	249319.76	541604191.9	2,656.811	A	0.4

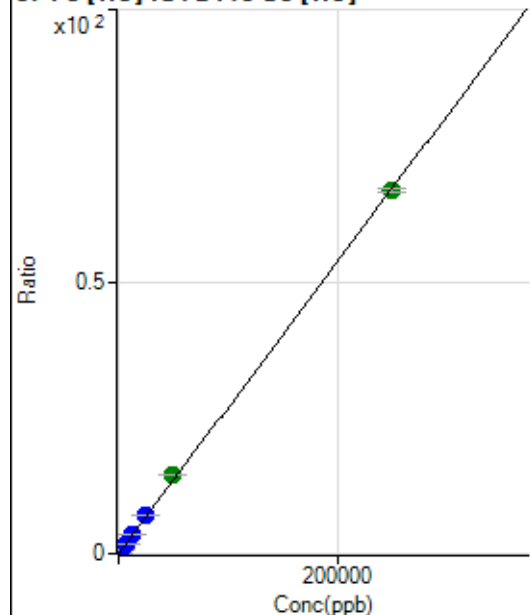
$$y = 0.0107 * x + 0.0216$$

$$R = 0.9999$$

$$DL = 0.07445$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	145.56	0.0008	P	13.1
2	☐	50.000	50.056	2699.17	0.0142	P	3.5
3	☐	2500.000	2681.422	132295.31	0.7194	P	1.3
4	☐	6250.000	6728.399	325063.57	1.8039	P	1.0
5	☐	12500.000	13452.213	606046.34	3.6058	P	0.4
6	☐	25000.000	26927.707	1195263.64	7.2171	P	0.7
7	☐	50000.000	54120.167	2479091.35	14.5043	A	1.1
8	☐	250000.00	248921.81	13598681.74	66.7087	A	1.1

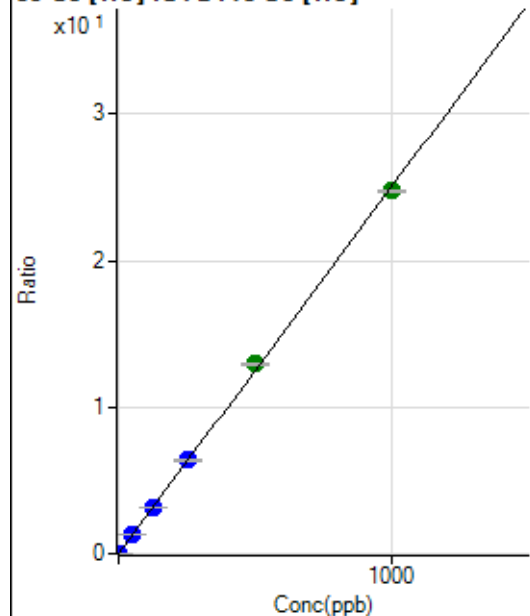
$$y = 2.6799E-004 * x + 7.9266E-004$$

$$R = 0.9998$$

$$DL = 1.164$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	90.00	0.0005	P	27.4
2	☐	1.000	0.921	4472.96	0.0235	P	1.5
3	☐	50.000	50.821	233943.83	1.2721	P	1.4
4	☐	125.000	126.472	570338.81	3.1650	P	0.9
5	☐	250.000	254.685	1071203.62	6.3731	P	0.4
6	☐	500.000	518.537	2148911.29	12.9752	A	1.0
7	☐	1000.000	989.335	4231217.40	24.7554	A	0.8
8	☐			12561.02	0.0616	P	9.8

$$y = 0.0250 * x + 4.9230E-004$$

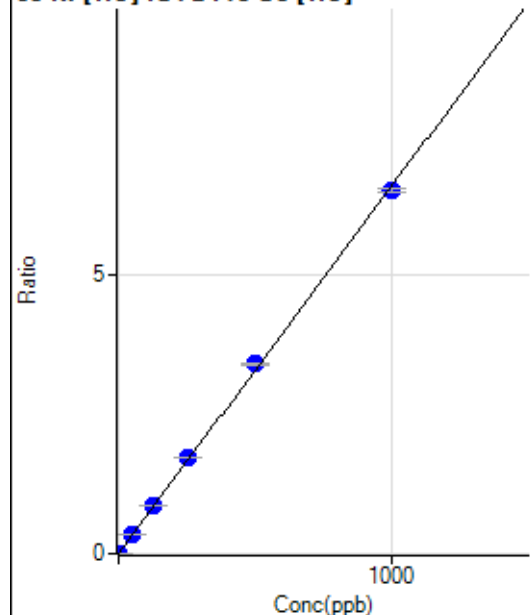
$$R = 0.9997$$

$$DL = 0.01616$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	65.56	0.0004	P	10.5
2	☐	1.000	1.016	1340.08	0.0071	P	4.4
3	☐	50.000	52.583	63810.28	0.3470	P	1.5
4	☐	125.000	130.568	155165.54	0.8610	P	0.8
5	☐	250.000	263.775	292308.71	1.7391	P	0.3
6	☐	500.000	515.966	563352.06	3.4016	P	1.2
7	☐	1000.000	987.748	1112946.17	6.5115	P	1.2
8	☐			4009.53	0.0197	P	3.3

$$y = 0.0066 * x + 3.5658E-004$$

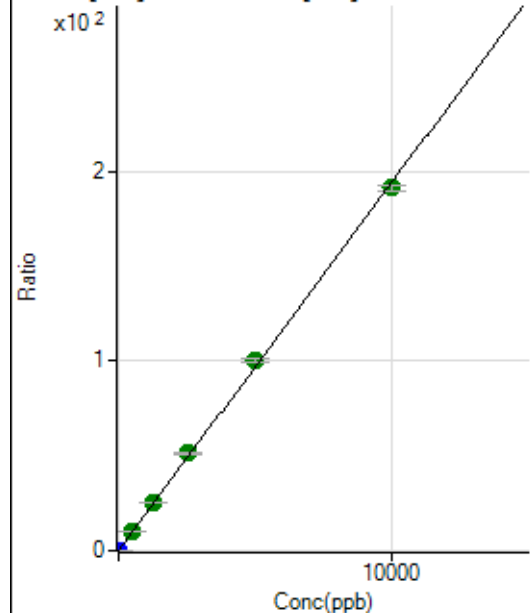
$$R = 0.9997$$

$$DL = 0.01706$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	637.80	0.0035	P	3.6
2	☐	2.000	1.869	7540.96	0.0397	P	3.2
3	☐	500.000	531.240	1895291.74	10.3061	A	1.5
4	☐	1250.000	1303.555	4556761.08	25.2840	A	0.6
5	☐	2500.000	2647.303	8629664.53	51.3440	A	1.0
6	☐	5000.000	5183.604	16649597.11	100.5318	A	1.9
7	☐	10000.000	9863.116	32694196.46	191.2840	A	1.3
8	☐			10298.07	0.0505	P	41.1

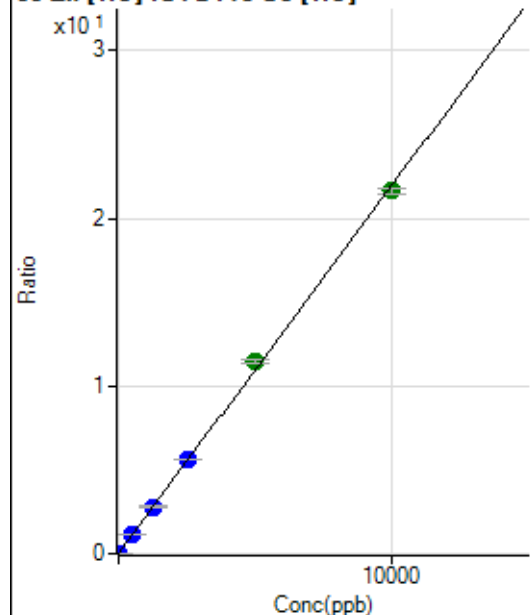
$$y = 0.0194 * x + 0.0035$$

$$R = 0.9996$$

$$DL = 0.01917$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2200.19	0.0119	P	4.7
2	☐	2.000	2.367	3254.85	0.0171	P	1.9
3	☐	500.000	514.013	209442.43	1.1388	P	0.4
4	☐	1250.000	1275.146	505932.22	2.8075	P	0.4
5	☐	2500.000	2565.925	947545.16	5.6373	P	0.6
6	☐	5000.000	5231.287	1901402.26	11.4807	A	1.3
7	☐	10000.000	9864.031	3698257.58	21.6373	A	1.6
8	☐			5819.19	0.0285	P	3.7

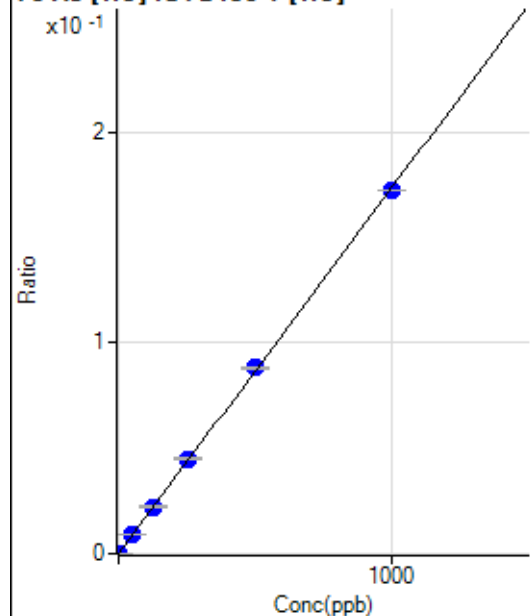
$$y = 0.0022 * x + 0.0119$$

$$R = 0.9996$$

$$DL = 0.7746$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	1.000	0.994	214.45	0.0002	P	12.4
3	☐	50.000	53.069	11062.21	0.0092	P	1.6
4	☐	125.000	128.131	26157.73	0.0222	P	1.3
5	☐	250.000	259.999	49917.23	0.0451	P	1.1
6	☐	500.000	508.482	96070.09	0.0882	P	0.4
7	☐	1000.000	992.715	191877.38	0.1723	P	0.2
8	☐			103.33	0.0001	P	35.0

$$y = 1.7354E-004 * x + 0.0000E+000$$

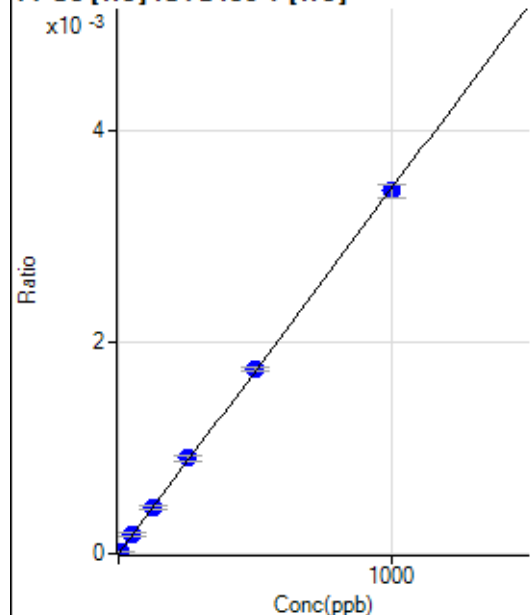
$$R = 0.9999$$

$$DL = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	6.211	26.67	0.0000	P	25.3
3	☐	50.000	53.100	220.00	0.0002	P	15.5
4	☐	125.000	127.261	516.68	0.0004	P	9.7
5	☐	250.000	261.617	998.94	0.0009	P	6.0
6	☐	500.000	505.665	1900.15	0.0017	P	2.6
7	☐	1000.000	993.819	3820.56	0.0034	P	3.7
8	☐			25.56	0.0000	P	19.5

$$y = 3.4514\text{E-}006 * x + 0.0000\text{E+}000$$

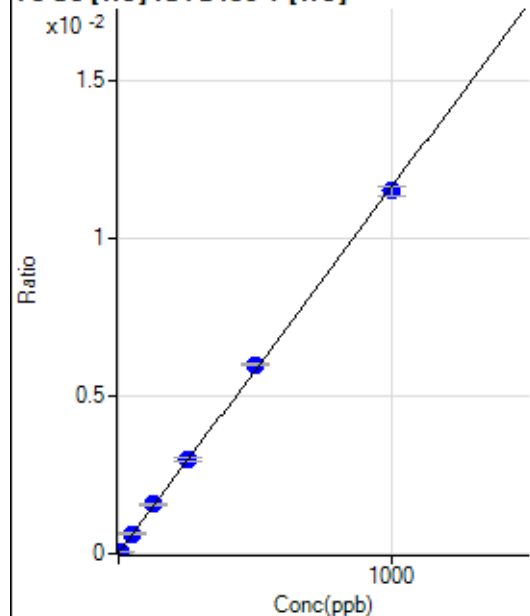
$$R = 0.9999$$

$$DL = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	22.22	0.0000	P	33.8
2	☐	5.000	4.119	82.22	0.0001	P	12.0
3	☐	50.000	53.104	761.14	0.0006	P	3.7
4	☐	125.000	132.808	1832.36	0.0016	P	4.5
5	☐	250.000	255.383	3294.87	0.0030	P	4.2
6	☐	500.000	515.303	6521.57	0.0060	P	1.0
7	☐	1000.000	989.876	12797.09	0.0115	P	2.4
8	☐			104.44	0.0001	P	5.0

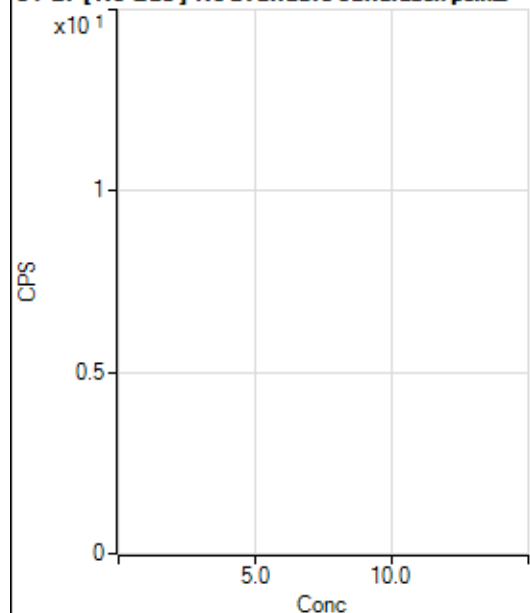
$$y = 1.1588\text{E-}005 * x + 1.8365\text{E-}005$$

$$R = 0.9998$$

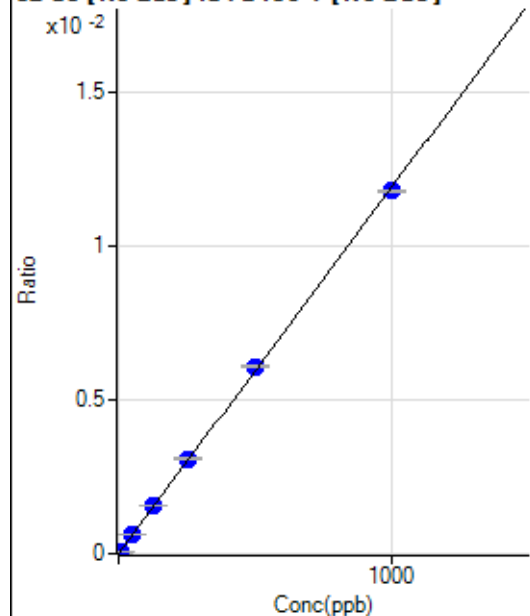
$$DL = 1.607$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			3062.59		P	4.3
2	☐			2908.11		P	4.2
3	☐			2388.01		P	2.8
4	☐			2480.25		P	2.7
5	☐			2449.13		P	2.3
6	☐			2650.28		P	4.0
7	☐			2768.08		P	1.8
8	☐			5845.72		P	5.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	-1.11	0.0000	P	-1545.
2	☐	5.000	4.755	608.92	0.0001	P	8.2
3	☐	50.000	53.290	6727.32	0.0006	P	1.3
4	☐	125.000	131.988	16170.78	0.0016	P	2.0
5	☐	250.000	259.592	31214.15	0.0031	P	1.3
6	☐	500.000	511.237	60131.46	0.0061	P	1.7
7	☐	1000.000	990.947	115505.76	0.0118	P	0.6
8	☐			693.37	0.0001	P	5.8

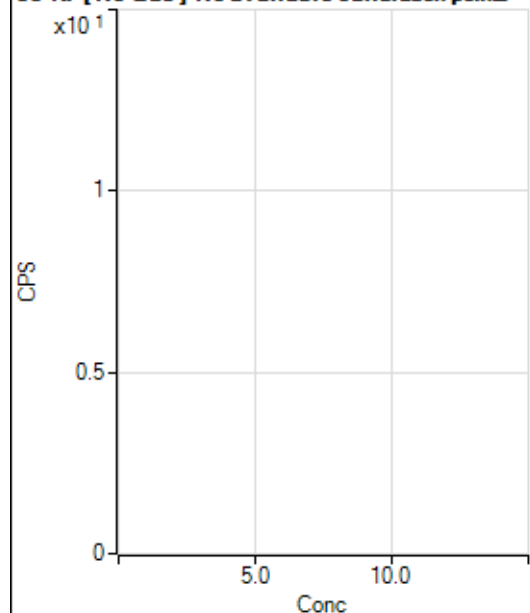
$$y = 1.1921E-005 * x - 9.6788E-008$$

$$R = 0.9998$$

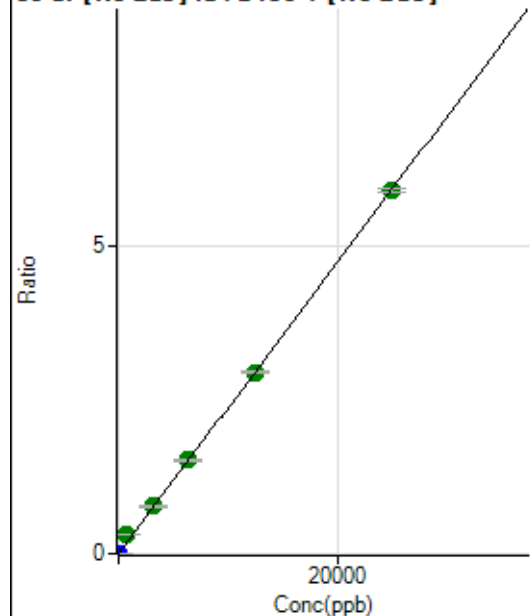
$$DL = 0.3764$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			200.00		P	12.0
2	☐			187.78		P	7.2
3	☐			193.34		P	18.0
4	☐			161.11		P	11.4
5	☐			200.01		P	13.0
6	☐			172.22		P	13.6
7	☐			167.78		P	8.0
8	☐			202.22		P	19.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	343.34	0.0000	P	5.7
2	☐	1.000	0.844	2501.36	0.0002	P	4.7
3	☐	625.000	1280.553	3212888.50	0.3034	A	1.8
4	☐	3125.000	3261.715	7941147.31	0.7727	A	2.5
5	☐	6250.000	6424.219	15349530.46	1.5218	A	0.7
6	☐	12500.000	12462.848	29129367.90	2.9523	A	1.4
7	☐	25000.000	24941.543	57766723.03	5.9083	A	1.0
8	☐			6458.22	0.0006	P	3.9

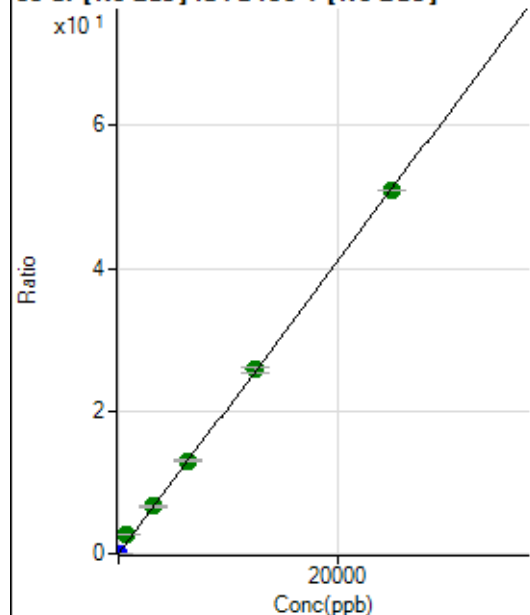
$$y = 2.3688E-004 * x + 3.2497E-005$$

$$R = 0.9997$$

$$DL = 0.02355$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	585.58	0.0001	P	5.6
2	☐	1.000	0.876	19864.22	0.0018	P	1.1
3	☐	625.000	1271.012	27502005.15	2.5967	A	2.0
4	☐	3125.000	3234.578	67915416.21	6.6082	A	2.2
5	☐	6250.000	6383.273	131534536.9	13.0408	A	0.4
6	☐	12500.000	12620.025	254363413.9	25.7823	A	2.8
7	☐	25000.000	24876.822	496911134.8	50.8224	A	0.1
8	☐			53766.39	0.0051	P	0.5

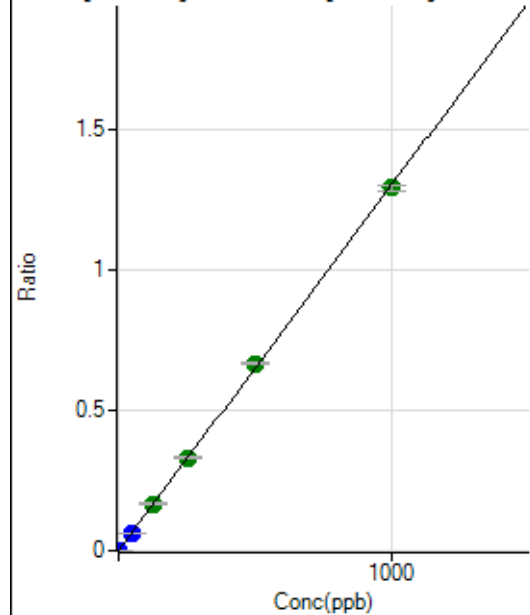
$$y = 0.0020 * x + 5.5429E-005$$

$$R = 0.9997$$

$$DL = 0.004525$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	473.35	0.0000	P	9.0
2	☐	1.000	0.862	12589.12	0.0012	P	4.3
3	☐	50.000	48.921	676442.40	0.0639	P	1.1
4	☐	125.000	128.784	1727533.57	0.1681	A	0.6
5	☐	250.000	255.023	3356408.04	0.3328	A	0.7
6	☐	500.000	511.914	6590642.40	0.6679	A	0.7
7	☐	1000.000	992.369	12659901.62	1.2948	A	1.5
8	☐			5746.81	0.0005	P	3.0

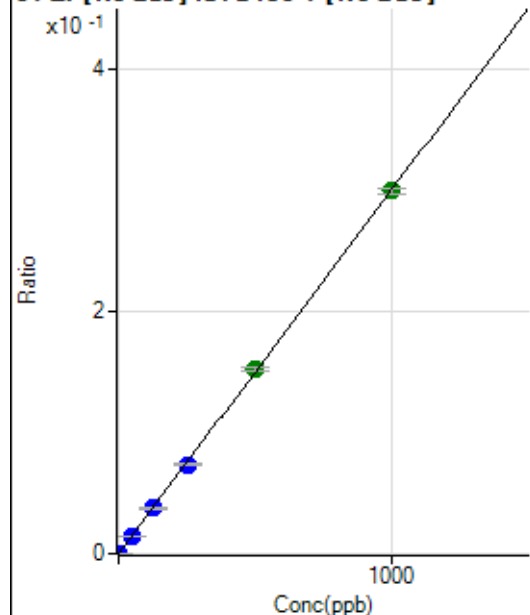
$$y = 0.0013 * x + 4.4809E-005$$

$$R = 0.9999$$

$$DL = 0.00929$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	90.00	0.0000	P	9.0
2	☐	1.000	0.867	2893.66	0.0003	P	2.4
3	☐	50.000	48.603	154621.62	0.0146	P	1.4
4	☐	125.000	124.306	383664.44	0.0373	P	1.4
5	☐	250.000	245.362	743063.89	0.0737	P	1.2
6	☐	500.000	506.798	1501325.22	0.1522	A	1.7
7	☐	1000.000	997.917	2929453.53	0.2996	A	1.6
8	☐			1301.19	0.0001	P	8.3

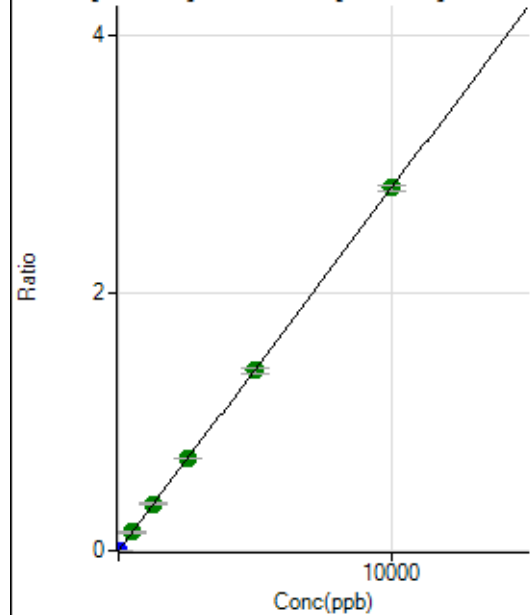
$$y = 3.0023\text{E-}004 * x + 8.5140\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.007641$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	136.67	0.0000	P	8.1
2	☐	5.000	5.077	15532.09	0.0014	P	3.3
3	☐	500.000	507.795	1515320.20	0.1431	A	1.9
4	☐	1250.000	1293.179	3745074.67	0.3644	A	1.5
5	☐	2500.000	2551.140	7250176.07	0.7188	A	1.0
6	☐	5000.000	4964.649	13800705.49	1.3989	A	2.9
7	☐	10000.000	9999.103	27546333.20	2.8174	A	1.2
8	☐			5165.46	0.0005	P	3.9

$$y = 2.8176\text{E-}004 * x + 1.2931\text{E-}005$$

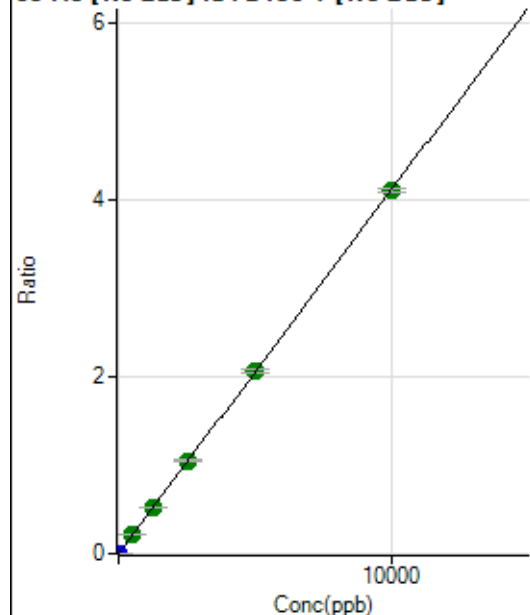
$$R = 1.0000$$

$$DL = 0.01114$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	55.56	0.0000	P	26.3
2	☐	5.000	4.255	18874.05	0.0018	P	1.4
3	☐	500.000	506.454	2203506.27	0.2081	A	1.6
4	☐	1250.000	1282.662	5416318.50	0.5270	A	0.5
5	☐	2500.000	2561.587	10614153.38	1.0524	A	2.3
6	☐	5000.000	5022.282	20356886.36	2.0633	A	2.2
7	☐	10000.000	9969.057	40044075.52	4.0956	A	1.2
8	☐			5846.80	0.0006	P	16.6

$$y = 4.1083\text{E-}004 * x + 5.2508\text{E-}006$$

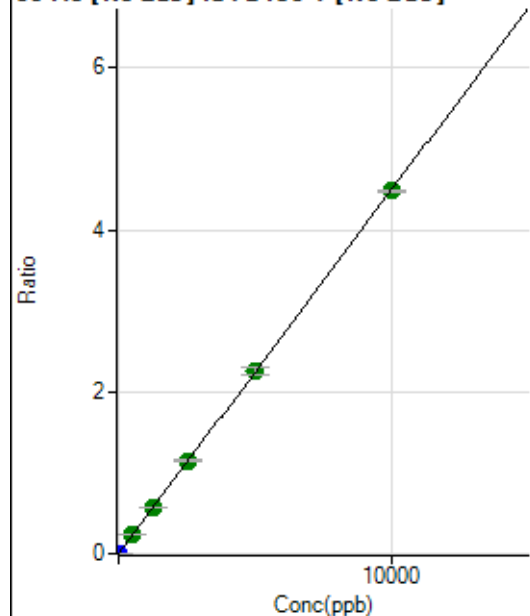
$$R = 1.0000$$

$$DL = 0.0101$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	587.80	0.0001	P	4.7
2	☐	5.000	4.326	21518.98	0.0020	P	2.3
3	☐	500.000	507.762	2416697.71	0.2282	A	2.2
4	☐	1250.000	1284.165	5931228.38	0.5771	A	0.9
5	☐	2500.000	2556.922	11588161.77	1.1490	A	1.5
6	☐	5000.000	5018.535	22246872.72	2.2550	A	3.3
7	☐	10000.000	9971.843	43810164.90	4.4807	A	0.4
8	☐			7766.69	0.0007	P	23.1

$$y = 4.4933\text{E-}004 * x + 5.5649\text{E-}005$$

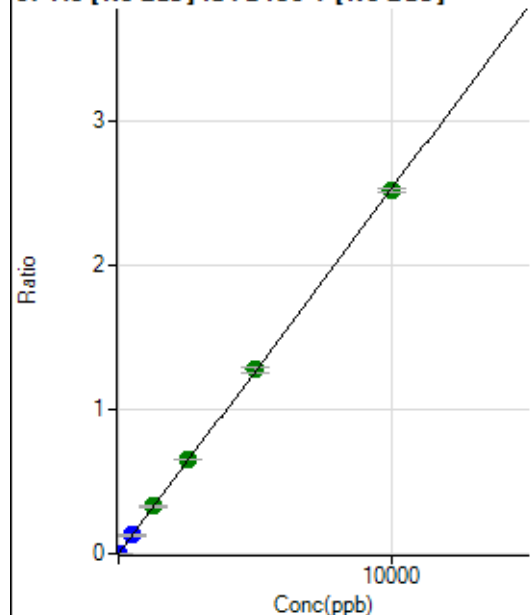
$$R = 1.0000$$

$$DL = 0.01743$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	23.34	0.0000	P	25.2
2	☐	5.000	4.279	11692.78	0.0011	P	1.7
3	☐	500.000	501.827	1346594.35	0.1272	P	1.1
4	☐	1250.000	1295.221	3372948.32	0.3282	A	1.5
5	☐	2500.000	2593.464	6627625.52	0.6571	A	0.9
6	☐	5000.000	5047.816	12617831.48	1.2790	A	3.0
7	☐	10000.000	9946.982	24642443.80	2.5203	A	1.1
8	☐			3983.63	0.0004	P	28.2

$$y = 2.5337\text{E-}004 * x + 2.2109\text{E-}006$$

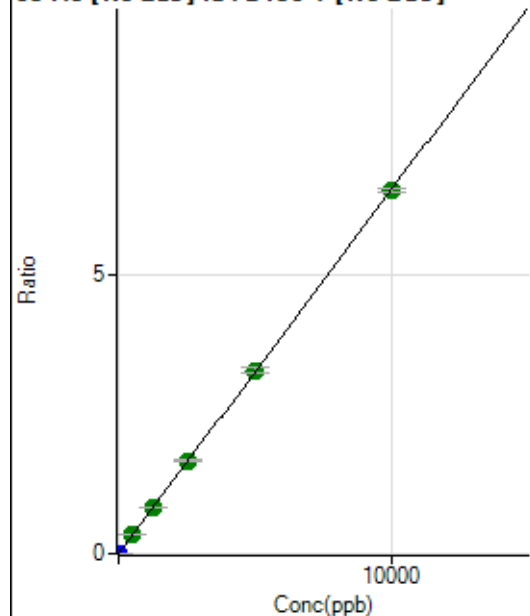
$$R = 0.9999$$

$$DL = 0.006596$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	206.67	0.0000	P	7.3
2	☐	5.000	4.214	29917.86	0.0028	P	1.1
3	☐	500.000	505.211	3504454.56	0.3309	A	1.2
4	☐	1250.000	1262.204	8496591.68	0.8267	A	1.3
5	☐	2500.000	2559.874	16909382.67	1.6766	A	1.7
6	☐	5000.000	5036.186	32540336.46	3.2984	A	3.0
7	☐	10000.000	9965.153	63813899.05	6.5266	A	1.0
8	☐			9895.24	0.0009	P	29.1

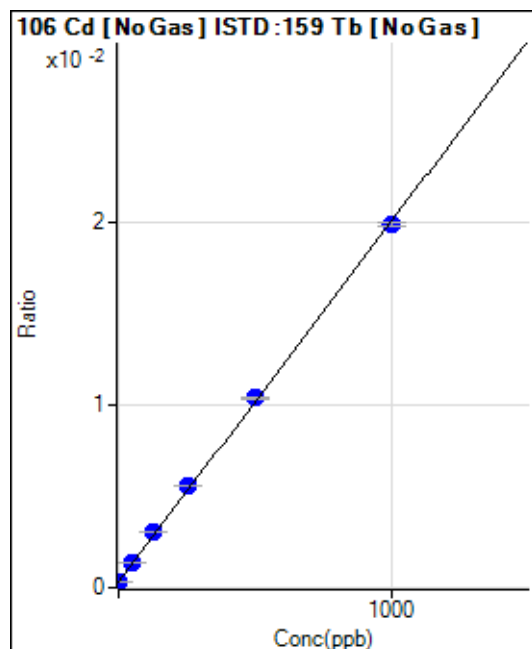
$$y = 6.5494\text{E-}004 * x + 1.9564\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.00652$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2981.46	0.0003	P	3.4
2	☐	1.000	1.631	3378.22	0.0003	P	2.1
3	☐	50.000	54.659	13616.81	0.0014	P	3.3
4	☐	125.000	138.851	29465.93	0.0031	P	2.3
5	☐	250.000	266.261	53919.44	0.0056	P	1.4
6	☐	500.000	509.307	100708.02	0.0104	P	1.4
7	☐	1000.000	989.316	191847.95	0.0199	P	1.1
8	☐			3239.30	0.0003	P	2.3

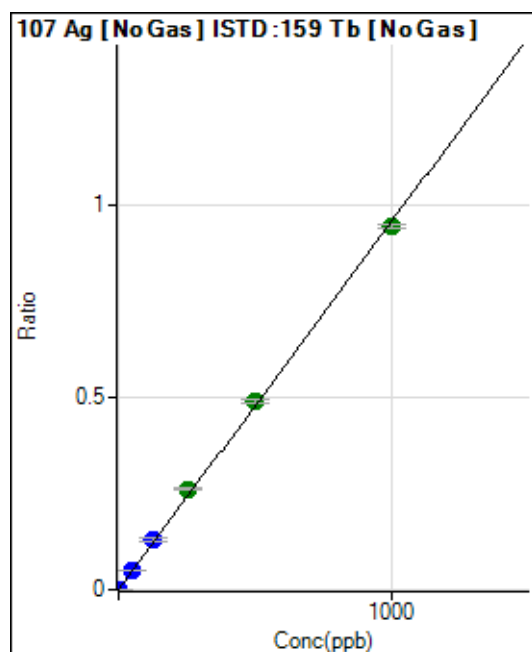
$$y = 1.9789\text{E-}005 * x + 3.0398\text{E-}004$$

$$R = 0.9997$$

$$DL = 1.566$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	268.90	0.0000	P	23.0
2	☐	1.000	0.908	9024.14	0.0009	P	4.0
3	☐	50.000	53.808	507249.48	0.0516	P	1.7
4	☐	125.000	135.548	1254623.16	0.1300	P	4.4
5	☐	250.000	274.117	2543073.62	0.2629	A	0.4
6	☐	500.000	513.083	4771662.67	0.4920	A	2.4
7	☐	1000.000	985.920	9122255.97	0.9453	A	0.9
8	☐			1513.56	0.0002	P	28.4

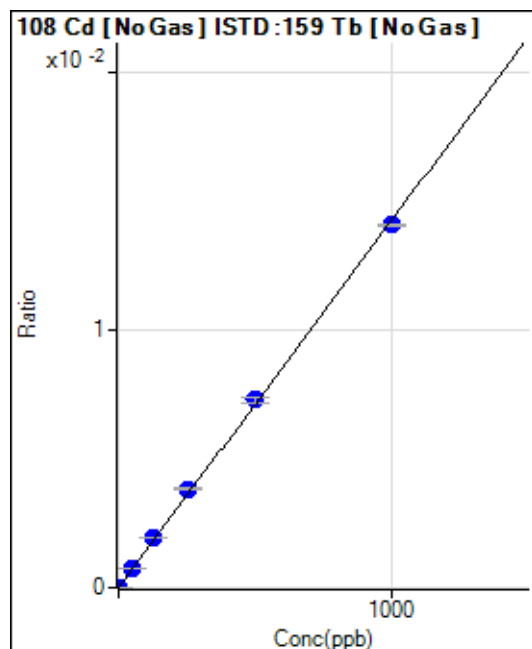
$$y = 9.5882\text{E-}004 * x + 2.7399\text{E-}005$$

$$R = 0.9995$$

$$DL = 0.01975$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	11.11	0.0000	P	62.1
2	☐	1.000	1.099	168.89	0.0000	P	2.2
3	☐	50.000	53.834	7557.70	0.0008	P	3.3
4	☐	125.000	136.352	18792.93	0.0019	P	3.5
5	☐	250.000	268.080	37016.45	0.0038	P	1.5
6	☐	500.000	510.828	70703.69	0.0073	P	2.3
7	☐	1000.000	988.455	136102.75	0.0141	P	0.8
8	☐			98.89	0.0000	P	8.3

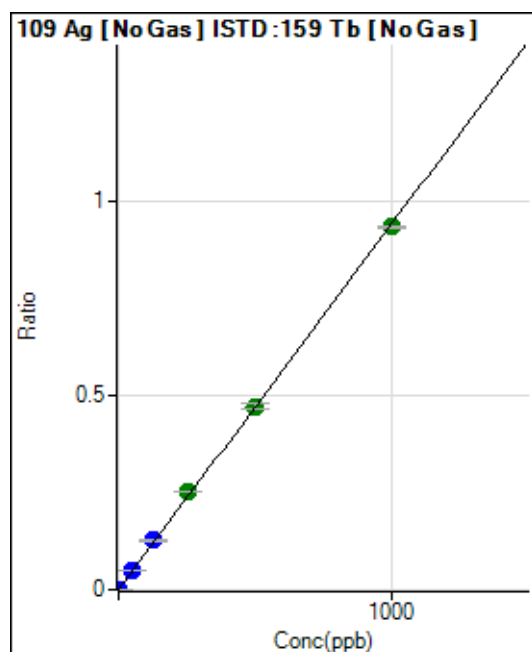
$$y = 1.4268\text{E-}005 * x + 1.1303\text{E-}006$$

$$R = 0.9997$$

$$DL = 0.1476$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	221.12	0.0000	P	67.3
2	☐	1.000	0.899	8726.16	0.0009	P	5.9
3	☐	50.000	52.966	490016.25	0.0499	P	1.5
4	☐	125.000	134.606	1222794.97	0.1267	P	3.9
5	☐	250.000	269.403	2452777.50	0.2535	A	1.1
6	☐	500.000	502.415	4585151.67	0.4728	A	3.4
7	☐	1000.000	992.593	9013804.24	0.9340	A	0.4
8	☐			1464.59	0.0002	P	15.5

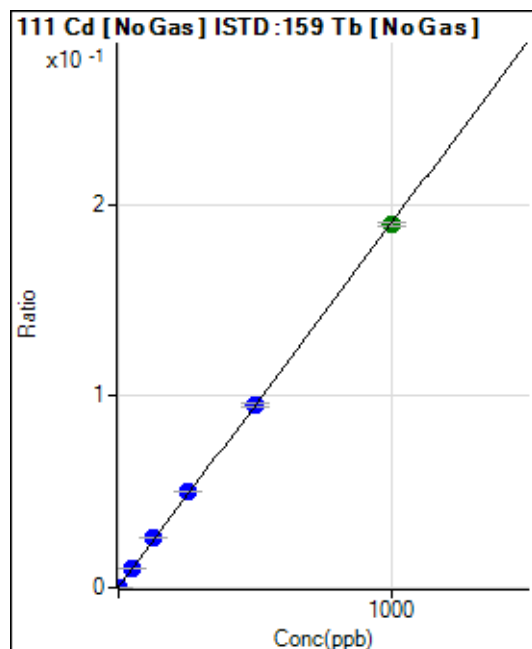
$$y = 9.4098\text{E-}004 * x + 2.2485\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.04828$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2091.47	0.0002	P	3.8
2	☐	1.000	0.985	4023.33	0.0004	P	1.3
3	☐	50.000	53.212	101435.24	0.0103	P	2.0
4	☐	125.000	134.865	249481.76	0.0258	P	1.8
5	☐	250.000	261.238	482230.83	0.0498	P	0.3
6	☐	500.000	502.080	927288.14	0.0956	P	1.8
7	☐	1000.000	994.757	1825704.90	0.1892	A	1.0
8	☐			2941.65	0.0003	P	1.9

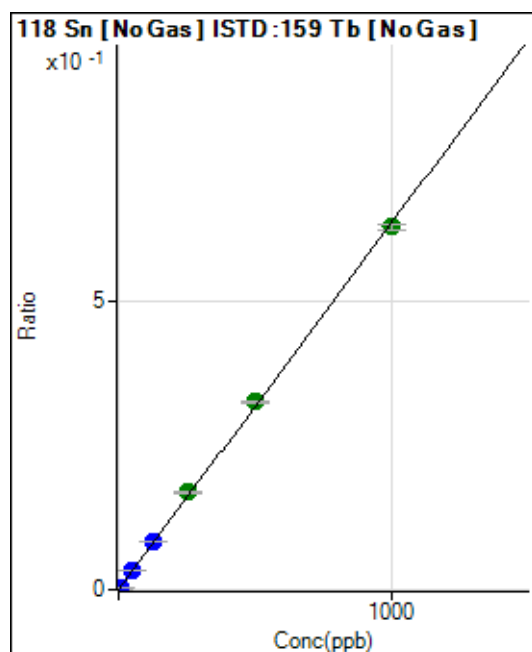
$$y = 1.8998\text{E-}004 * x + 2.1324\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.127$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	590.02	0.0001	P	5.4
2	☐	5.000	4.531	29465.09	0.0029	P	0.8
3	☐	50.000	52.233	325996.56	0.0332	P	1.6
4	☐	125.000	131.002	802499.17	0.0831	P	2.2
5	☐	250.000	265.196	1627069.38	0.1682	A	2.0
6	☐	500.000	512.128	3149782.52	0.3247	A	1.7
7	☐	1000.000	989.277	6052217.48	0.6272	A	1.6
8	☐			3932.84	0.0004	P	4.1

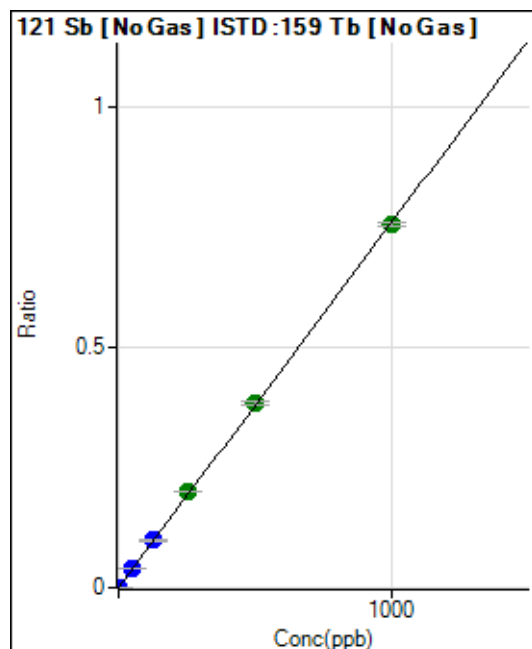
$$y = 6.3396\text{E-}004 * x + 6.0160\text{E-}005$$

$$R = 0.9997$$

$$DL = 0.01543$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	62.22	0.0000	P	14.2
2	☐	2.000	1.797	13753.69	0.0014	P	2.1
3	☐	50.000	51.310	382473.00	0.0389	P	2.0
4	☐	125.000	129.964	951730.36	0.0986	P	2.9
5	☐	250.000	262.492	1926179.95	0.1991	A	0.6
6	☐	500.000	504.857	3714131.27	0.3829	A	2.2
7	☐	1000.000	993.763	7273406.21	0.7537	A	1.2
8	☐			2546.94	0.0003	P	9.9

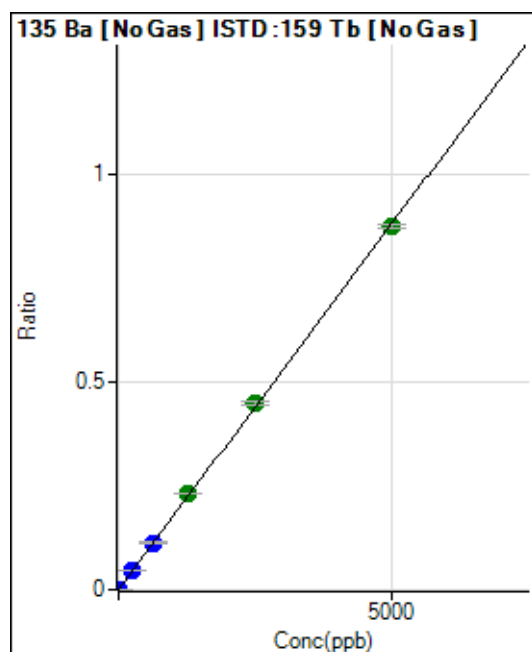
$$y = 7.5845\text{E-}004 * x + 6.3471\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.00356$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	51.11	0.0000	P	10.1
2	☐	10.000	8.790	15594.63	0.0016	P	0.5
3	☐	250.000	255.792	442393.62	0.0450	P	3.2
4	☐	625.000	641.958	1091021.77	0.1130	P	2.4
5	☐	1250.000	1311.870	2234004.39	0.2309	A	0.4
6	☐	2500.000	2540.679	4337469.55	0.4472	A	1.9
7	☐	5000.000	4961.786	8427649.80	0.8733	A	0.9
8	☐			4643.08	0.0005	P	0.9

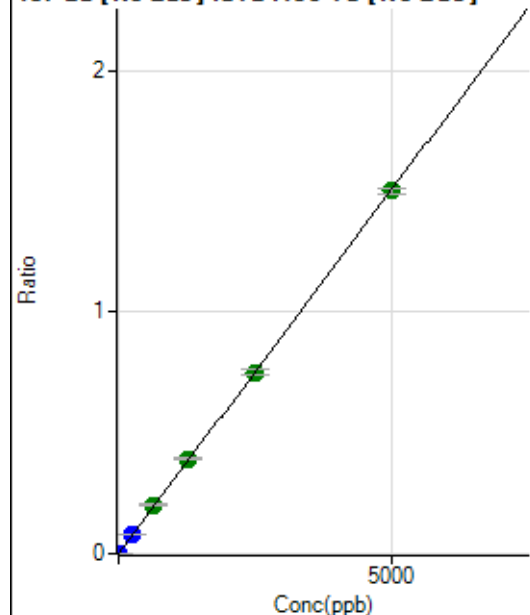
$$y = 1.7601\text{E-}004 * x + 5.2109\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.008969$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	46.67	0.0000	P	25.0
2	☐	10.000	8.895	26946.85	0.0027	P	0.9
3	☐	250.000	256.418	758427.09	0.0772	P	2.3
4	☐	625.000	663.192	1926810.35	0.1996	A	4.2
5	☐	1250.000	1301.835	3791055.43	0.3919	A	1.9
6	☐	2500.000	2494.642	7282886.98	0.7509	A	2.4
7	☐	5000.000	4984.628	14477499.23	1.5004	A	1.4
8	☐			7895.76	0.0008	P	3.9

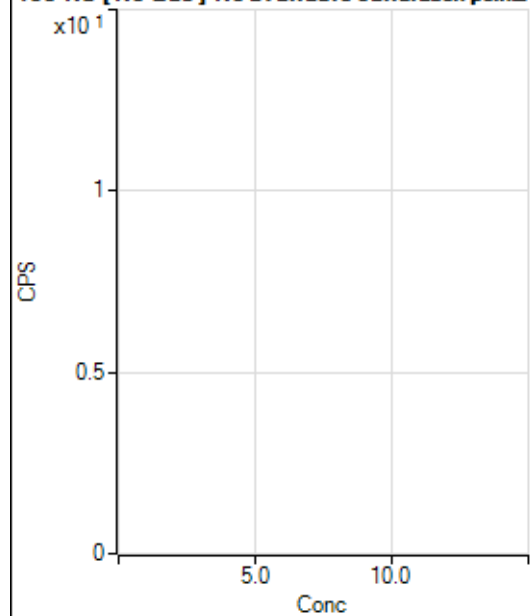
$$y = 3.0100\text{E-}004 * x + 4.7515\text{E-}006$$

$$R = 0.9999$$

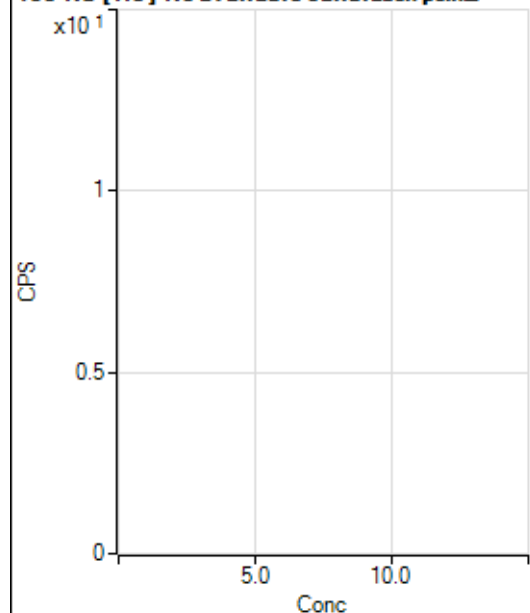
$$DL = 0.01182$$

Weight: <None>

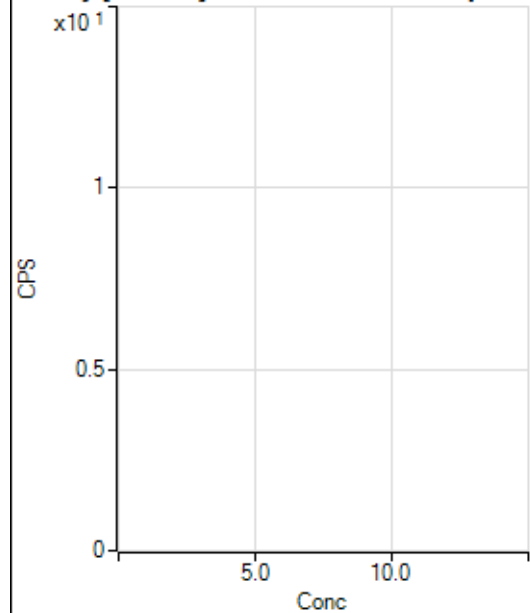
Min Conc: 0

150 Nd [No Gas] No available calibration points

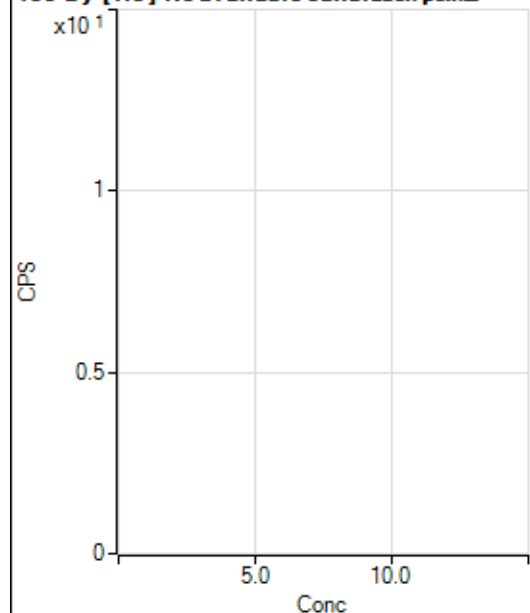
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			5.56		P	34.7
2	☐			10.00		P	0.0
3	☐			33.33		P	36.1
4	☐			52.22		P	30.2
5	☐			115.56		P	18.8
6	☐			216.67		P	9.6
7	☐			341.12		P	1.1
8	☐			324.45		P	11.3

150 Nd [He] No available calibration points

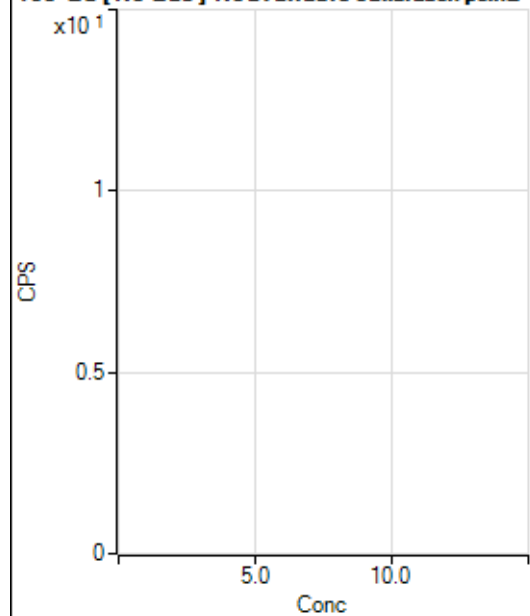
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			3.33		P	0.0
2	☐			3.33		P	100.1
3	☐			3.33		P	100.1
4	☐			4.44		P	114.6
5	☐			12.22		P	56.8
6	☐			22.22		P	56.8
7	☐			31.11		P	16.4
8	☐			115.56		P	28.9

156 Dy [No Gas] No available calibration points

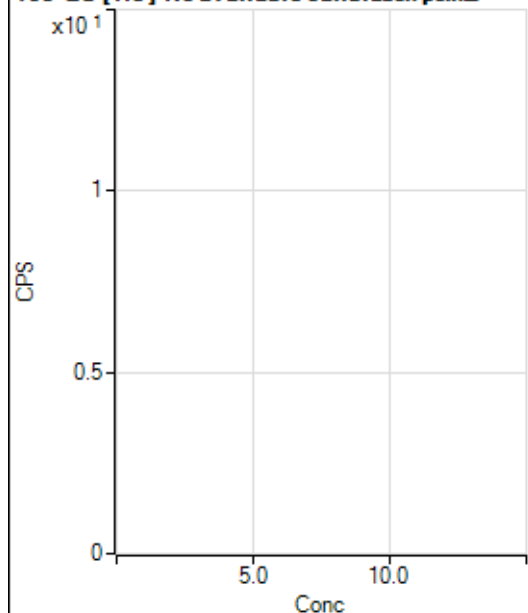
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			8.89		P	43.3
2	☐			7.78		P	65.5
3	☐			31.11		P	16.4
4	☐			60.00		P	9.6
5	☐			144.45		P	10.7
6	☐			246.67		P	6.2
7	☐			425.57		P	2.5
8	☐			1774.58		P	2.0

156 Dy [He] No available calibration points

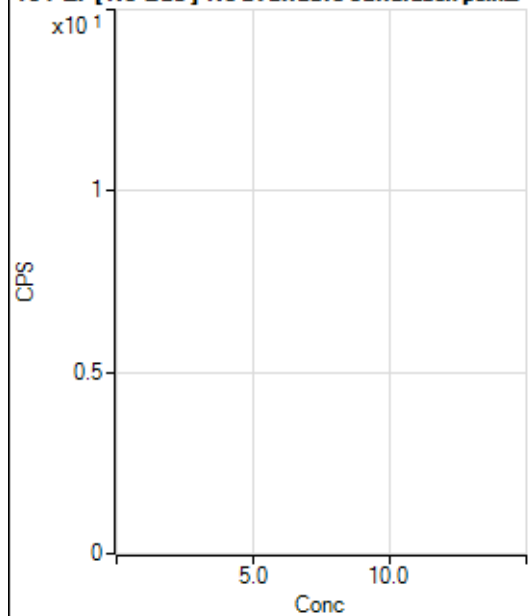
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2.22		P	173.2
2	☐			1.11		P	173.2
3	☐			8.89		P	43.3
4	☐			37.78		P	22.2
5	☐			62.22		P	13.5
6	☐			126.67		P	13.7
7	☐			260.00		P	15.6
8	☐			922.26		P	5.6

160 Gd [No Gas] Noavailable calibration poin_

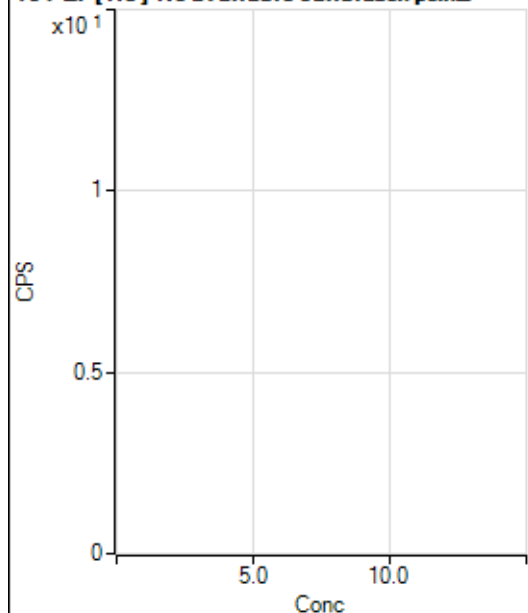
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			94.45		P	26.7
2	☐			87.78		P	25.3
3	☐			117.78		P	22.9
4	☐			136.67		P	6.5
5	☐			153.34		P	12.1
6	☐			290.01		P	5.3
7	☐			460.01		P	5.8
8	☐			1914.60		P	1.1

160 Gd [He] No available calibration points

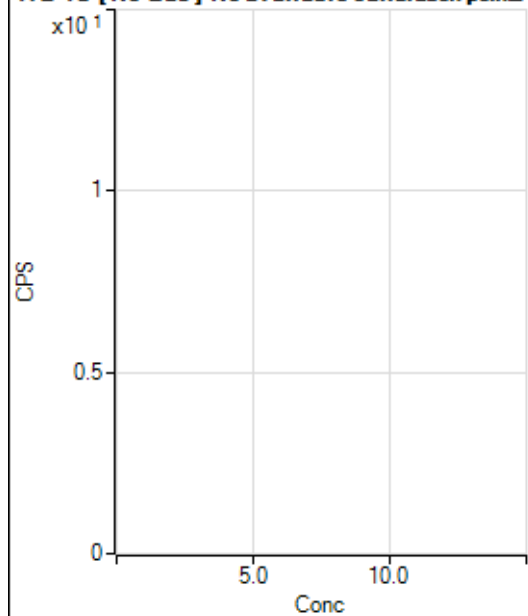
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			111.11		P	9.2
2	☐			113.34		P	5.9
3	☐			120.00		P	19.4
4	☐			136.67		P	11.2
5	☐			150.01		P	10.2
6	☐			202.23		P	13.7
7	☐			333.34		P	8.5
8	☐			1161.17		P	4.9

164 Er [No Gas] No available calibration points

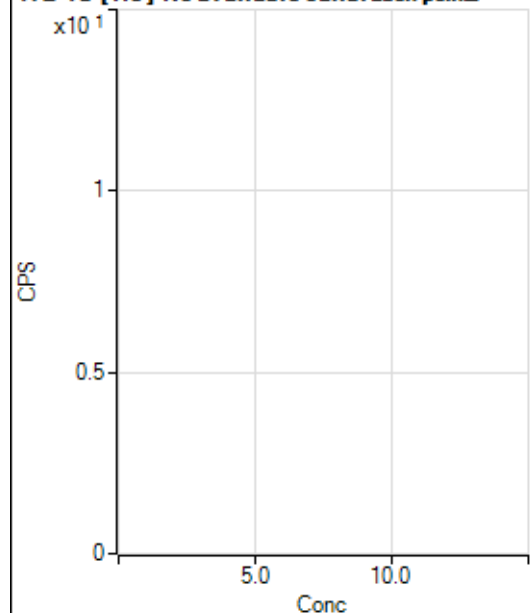
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			77.78		P	27.2
2	☐			61.11		P	6.3
3	☐			64.44		P	26.5
4	☐			67.78		P	18.6
5	☐			86.67		P	17.6
6	☐			118.89		P	39.7
7	☐			126.67		P	14.7
8	☐			306.67		P	20.3

164 Er [He] No available calibration points

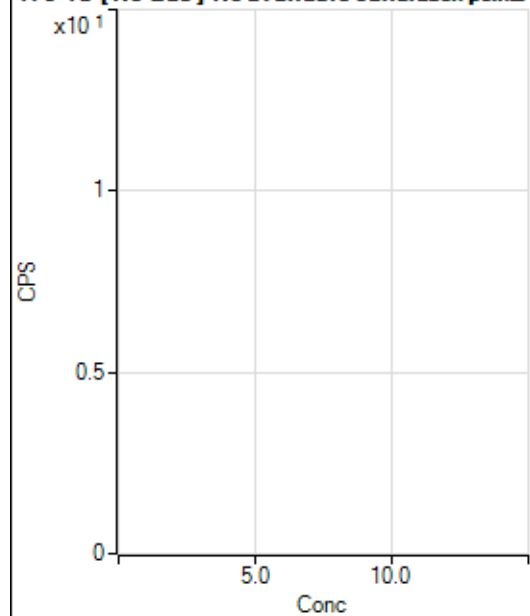
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			40.00		P	50.7
2	☐			26.67		P	12.5
3	☐			38.89		P	27.5
4	☐			36.67		P	24.0
5	☐			32.22		P	46.6
6	☐			55.56		P	22.7
7	☐			50.00		P	17.6
8	☐			121.11		P	6.9

172 Yb [No Gas] No available calibration points

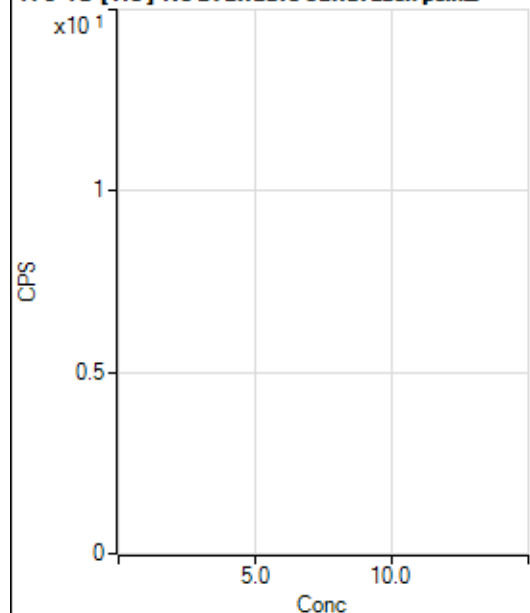
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			63.33		P	10.5
2	☐			61.11		P	22.0
3	☐			70.00		P	4.8
4	☐			72.22		P	30.7
5	☐			92.22		P	12.7
6	☐			147.78		P	9.4
7	☐			214.45		P	21.0
8	☐			214.45		P	13.2

172 Yb [He] No available calibration points

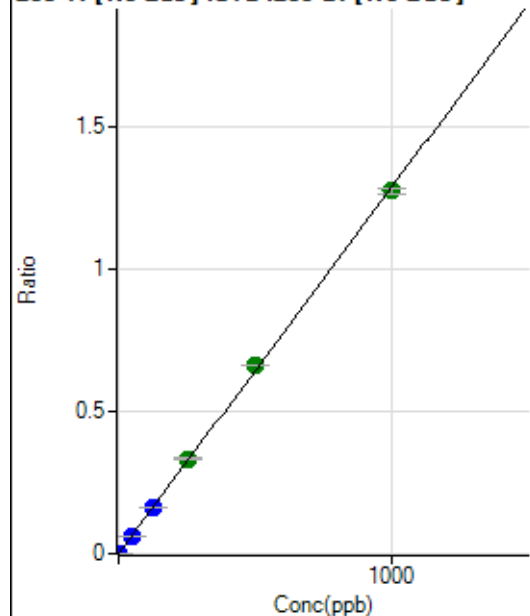
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			36.67		P	45.5
2	☐			25.56		P	30.1
3	☐			38.89		P	76.8
4	☐			47.78		P	14.5
5	☐			55.56		P	3.5
6	☐			73.33		P	13.6
7	☐			110.00		P	43.0
8	☐			94.44		P	17.4

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1347.86		P	1.6
2	☐			1394.53		P	3.3
3	☐			3017.05		P	3.5
4	☐			5656.83		P	1.1
5	☐			9934.93		P	1.0
6	☐			18554.26		P	1.5
7	☐			34371.40		P	1.3
8	☐			1535.66		P	3.9

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			9505.74		P	5.8
2	☐			9653.62		P	3.5
3	☐			9917.14		P	3.2
4	☐			10705.54		P	1.3
5	☐			12197.97		P	0.8
6	☐			16126.65		P	1.1
7	☐			23585.61		P	2.7
8	☐			10210.71		P	1.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	105.56	0.0000	P	18.6
2	☐	1.000	0.854	7641.21	0.0011	P	2.2
3	☐	50.000	49.012	418029.25	0.0632	P	1.3
4	☐	125.000	124.107	1041893.98	0.1600	P	1.0
5	☐	250.000	259.927	2209395.30	0.3351	A	0.8
6	☐	500.000	513.522	4285171.47	0.6621	A	0.5
7	☐	1000.000	990.918	8172231.47	1.2776	A	1.7
8	☐			938.93	0.0002	P	3.9

$$y = 0.0013 * x + 1.5751E-005$$

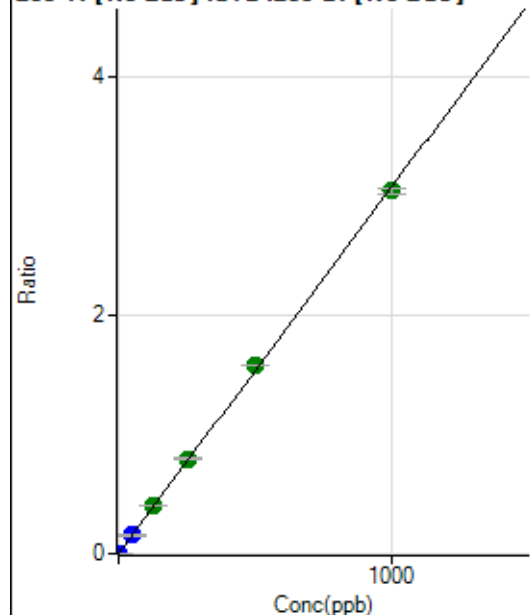
$$R = 0.9998$$

$$DL = 0.00683$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	208.89	0.0000	P	10.6
2	☐	1.000	0.844	17934.73	0.0026	P	1.3
3	☐	50.000	50.323	1021134.35	0.1544	P	2.4
4	☐	125.000	131.720	2630819.72	0.4041	A	2.5
5	☐	250.000	258.873	5235655.51	0.7942	A	1.8
6	☐	500.000	513.998	10205597.00	1.5769	A	0.9
7	☐	1000.000	989.927	19426380.26	3.0370	A	1.6
8	☐			2255.79	0.0004	P	9.7

$$y = 0.0031 * x + 3.1186E-005$$

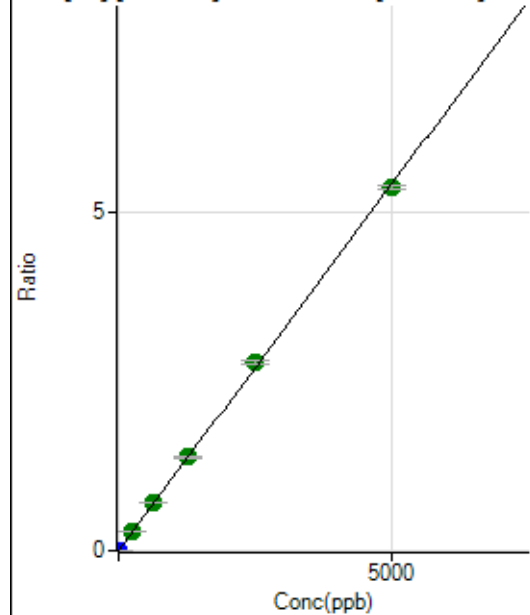
$$R = 0.9998$$

$$DL = 0.00322$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	212.23	0.0000	P	3.3
2	☐	1.000	0.817	6260.45	0.0009	P	2.1
3	☐	250.000	259.983	1859339.83	0.2812	A	2.6
4	☐	625.000	655.708	4616217.05	0.7091	A	2.0
5	☐	1250.000	1280.906	9131637.50	1.3852	A	1.4
6	☐	2500.000	2570.352	17990741.95	2.7796	A	1.4
7	☐	5000.000	4952.760	34261312.55	5.3558	A	1.0
8	☐			16809.86	0.0028	P	2.1

$$y = 0.0011 * x + 3.1694E-005$$

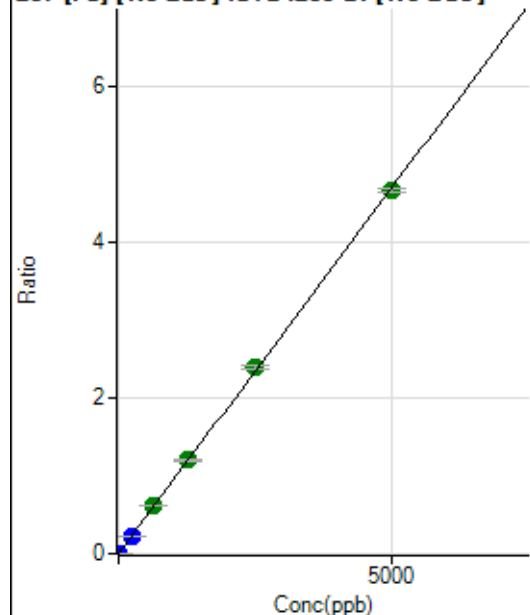
$$R = 0.9998$$

$$DL = 0.002923$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	194.45	0.0000	P	12.9
2	☐	1.000	0.826	5497.88	0.0008	P	1.7
3	☐	250.000	245.658	1522636.16	0.2302	P	1.6
4	☐	625.000	661.773	4037125.32	0.6202	A	2.1
5	☐	1250.000	1277.544	7892825.16	1.1972	A	1.2
6	☐	2500.000	2550.159	15467836.16	2.3897	A	1.3
7	☐	5000.000	4963.655	29755047.89	4.6514	A	0.9
8	☐			14234.61	0.0024	P	2.5

$$y = 9.3708\text{E-}004 * x + 2.9055\text{E-}005$$

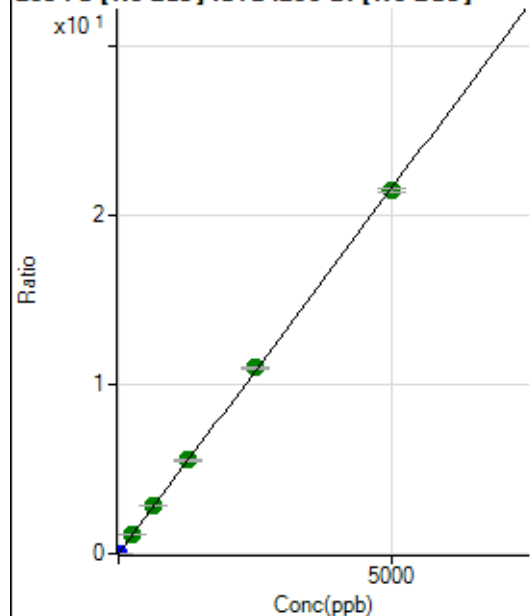
$$R = 0.9999$$

$$DL = 0.01198$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	881.13	0.0001	P	5.6
2	☐	1.000	0.825	25231.00	0.0037	P	0.7
3	☐	250.000	253.554	7230842.50	1.0934	A	2.2
4	☐	625.000	652.338	18312019.93	2.8128	A	1.6
5	☐	1250.000	1280.652	36403940.98	5.5220	A	1.3
6	☐	2500.000	2546.291	71061933.66	10.9791	A	0.6
7	☐	5000.000	4965.597	136963499.3	21.4104	A	1.0
8	☐			65713.03	0.0110	P	1.7

$$y = 0.0043 * x + 1.3161\text{E-}004$$

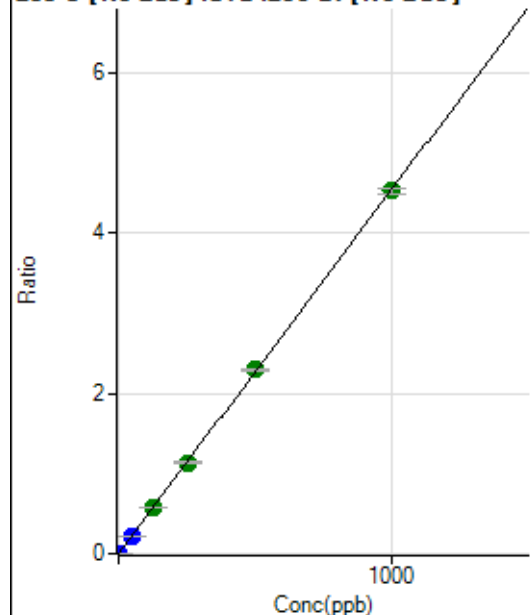
$$R = 0.9999$$

$$DL = 0.005114$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	80.00	0.0000	P	10.4
2	☐	1.000	0.832	25927.74	0.0038	P	2.3
3	☐	50.000	47.610	1429754.11	0.2162	P	1.8
4	☐	125.000	127.025	3754927.55	0.5768	A	1.6
5	☐	250.000	249.933	7481058.85	1.1348	A	1.9
6	☐	500.000	506.312	14879673.39	2.2989	A	1.2
7	☐	1000.000	996.728	28950126.79	4.5257	A	1.3
8	☐			3152.65	0.0005	P	4.3

$$y = 0.0045 * x + 1.1943E-005$$

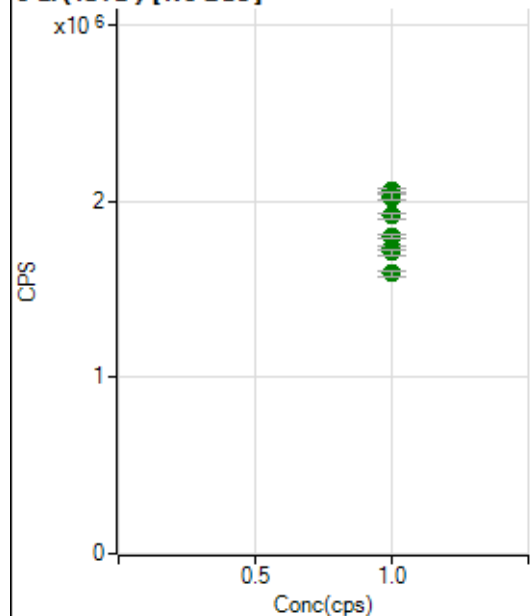
$$R = 1.0000$$

$$DL = 0.0008169$$

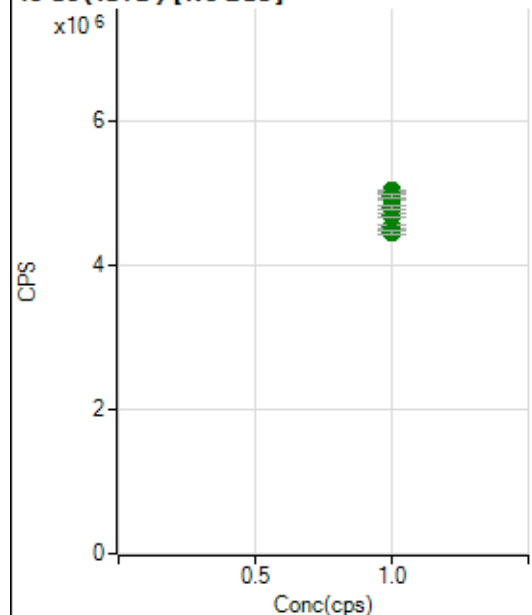
Weight: <None>

Min Conc: 0

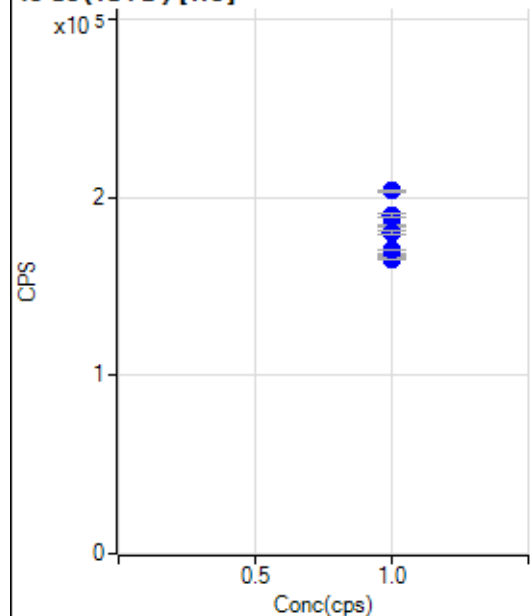
6 Li (ISTD) [No Gas]



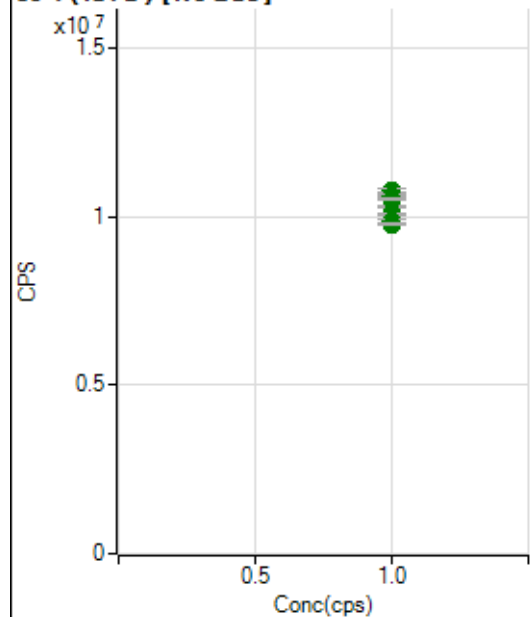
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2021647.56		A	1.5
2	☐	1.000		2056812.71		A	1.7
3	☐	1.000		2024218.01		A	2.3
4	☐	1.000		1918569.52		A	1.7
5	☐	1.000		1801630.67		A	1.1
6	☐	1.000		1733655.17		A	1.0
7	☐	1.000		1709387.40		A	2.0
8	☐	1.000		1589999.84		A	2.2

45 Sc (ISTD) [No Gas]

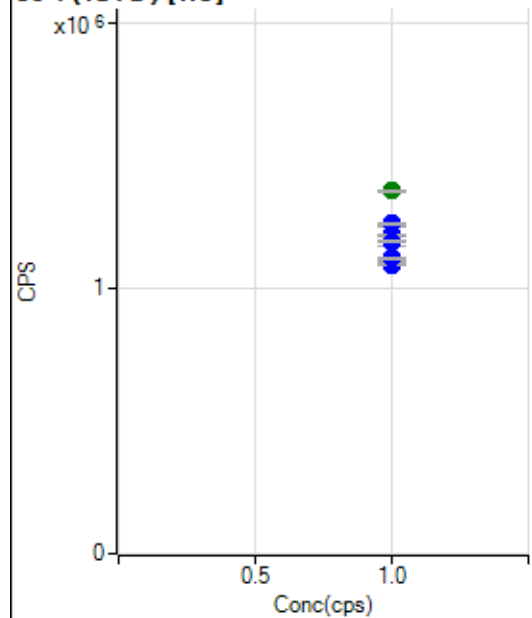
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4945415.69		A	1.6
2	☐	1.000		5034844.92		A	0.4
3	☐	1.000		4955094.99		A	1.3
4	☐	1.000		4732939.62		A	2.3
5	☐	1.000		4692748.85		A	1.1
6	☐	1.000		4535302.75		A	1.0
7	☐	1.000		4468230.87		A	1.1
8	☐	1.000		4803884.96		A	0.9

45 Sc (ISTD) [He]

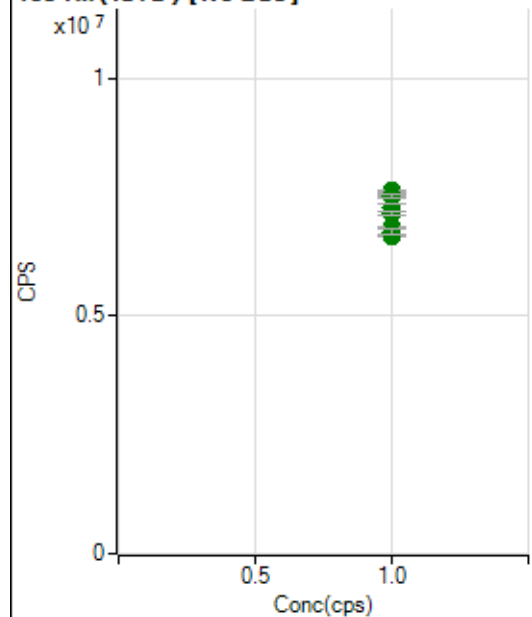
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		184357.43		P	5.4
2	☐	1.000		189972.97		P	1.0
3	☐	1.000		183912.34		P	0.7
4	☐	1.000		180213.70		P	1.4
5	☐	1.000		168078.42		P	0.9
6	☐	1.000		165619.01		P	0.5
7	☐	1.000		170924.55		P	0.4
8	☐	1.000		203856.76		P	0.4

89 Y (ISTD) [No Gas]

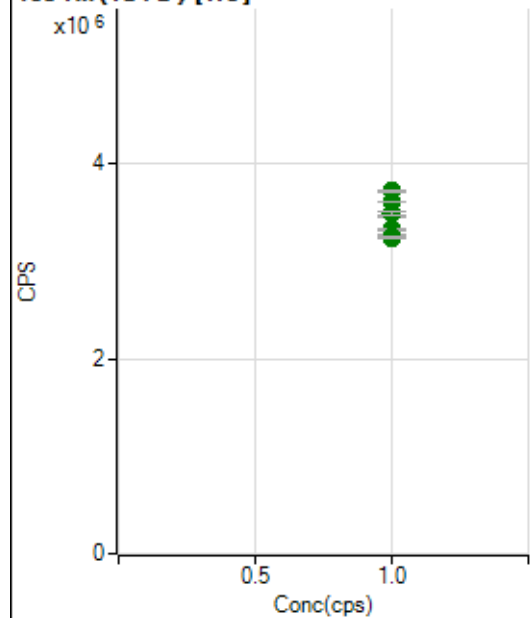
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		10565365.75		A	0.9
2	☐	1.000		10763327.34		A	1.0
3	☐	1.000		10591077.97		A	1.0
4	☐	1.000		10278551.65		A	0.7
5	☐	1.000		10086220.34		A	0.5
6	☐	1.000		9867453.05		A	1.0
7	☐	1.000		9777405.55		A	0.3
8	☐	1.000		10517373.39		A	0.5

89 Y (ISTD) [He]

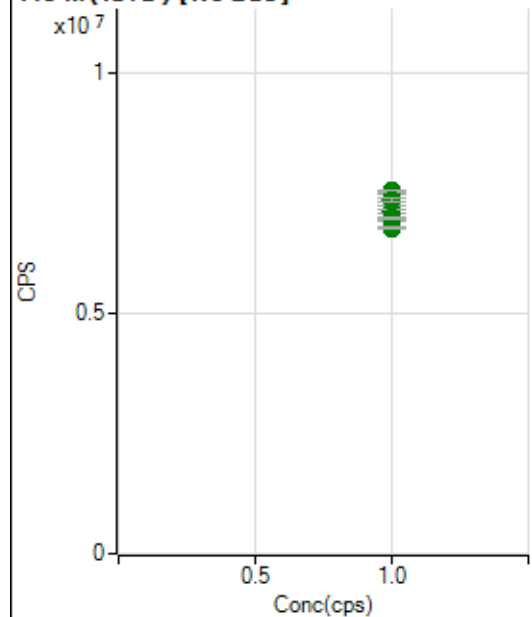
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1196244.58		P	5.7
2	☐	1.000		1244239.35		P	0.8
3	☐	1.000		1201139.30		P	0.6
4	☐	1.000		1176405.78		P	0.4
5	☐	1.000		1106280.65		P	0.7
6	☐	1.000		1088719.78		P	0.6
7	☐	1.000		1113774.24		P	0.4
8	☐	1.000		1367745.96		A	0.5

103 Rh (ISTD) [No Gas]

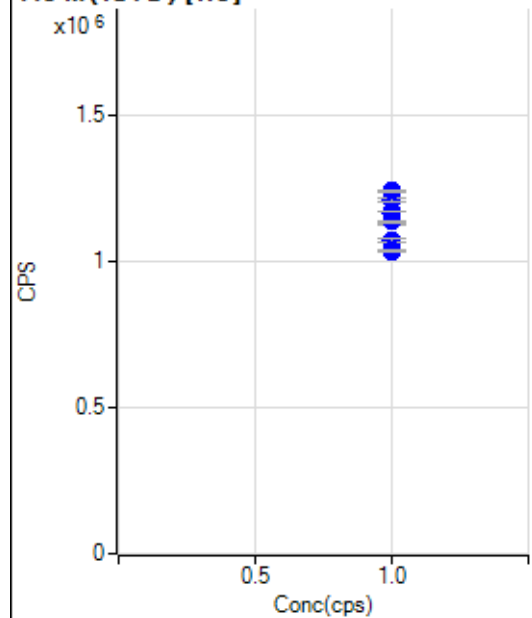
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		7562786.69		A	1.5
2	☐	1.000		7631080.44		A	0.3
3	☐	1.000		7529801.07		A	0.8
4	☐	1.000		7273002.46		A	1.9
5	☐	1.000		7170303.71		A	1.2
6	☐	1.000		6857781.84		A	0.5
7	☐	1.000		6690948.72		A	0.3
8	☐	1.000		6774623.16		A	1.4

103 Rh (ISTD) [He]

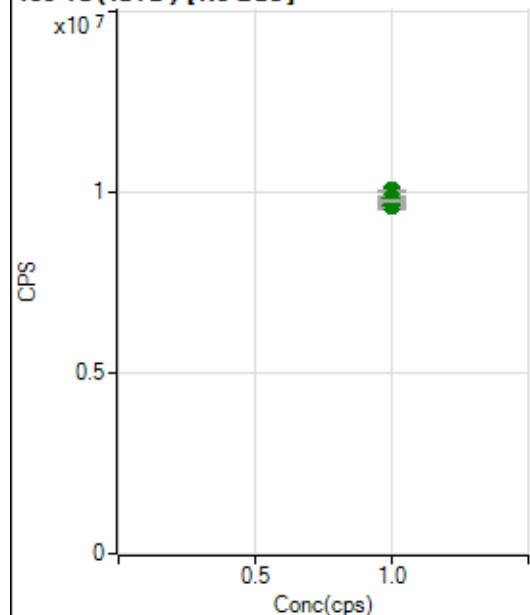
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3609381.75		A	5.5
2	☐	1.000		3725927.10		A	0.4
3	☐	1.000		3616400.36		A	0.2
4	☐	1.000		3491313.67		A	1.8
5	☐	1.000		3329383.56		A	0.7
6	☐	1.000		3253608.11		A	1.3
7	☐	1.000		3247336.27		A	1.0
8	☐	1.000		3499114.12		A	1.3

115 In (ISTD) [No Gas]

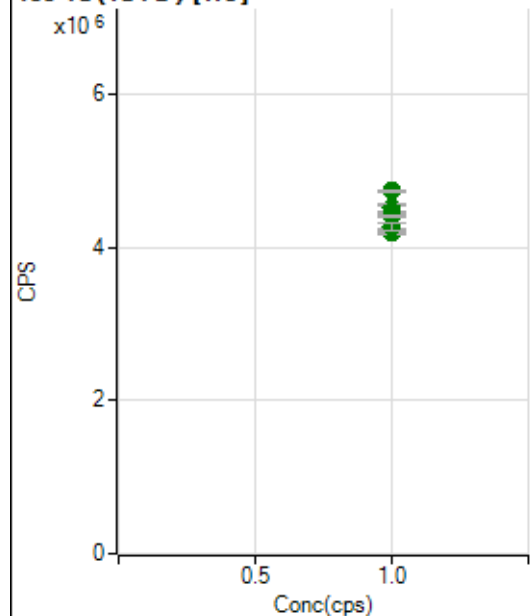
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		7485343.44		A	0.3
2	☐	1.000		7536476.62		A	0.2
3	☐	1.000		7353813.30		A	1.4
4	☐	1.000		7113558.67		A	3.5
5	☐	1.000		7110553.56		A	1.1
6	☐	1.000		6929196.59		A	1.0
7	☐	1.000		6762432.98		A	0.8
8	☐	1.000		6976153.68		A	0.7

115 In (ISTD) [He]

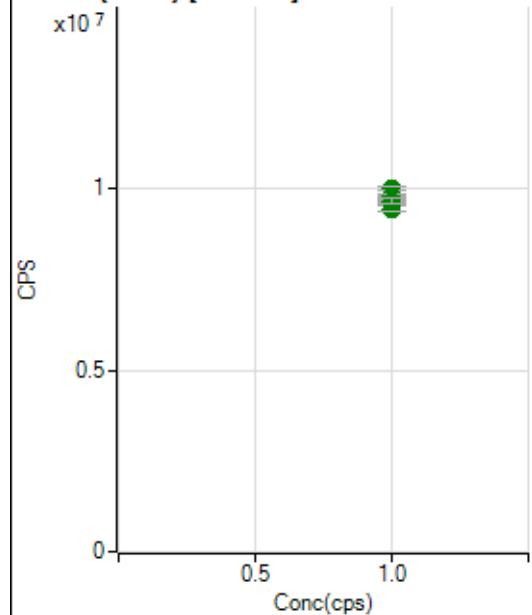
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1162772.84		P	6.4
2	☐	1.000		1206629.37		P	1.0
3	☐	1.000		1170358.16		P	0.2
4	☐	1.000		1134058.22		P	0.5
5	☐	1.000		1070024.00		P	1.1
6	☐	1.000		1034045.31		P	0.4
7	☐	1.000		1035221.49		P	0.6
8	☐	1.000		1239639.16		P	0.8

159 Tb (ISTD) [No Gas]

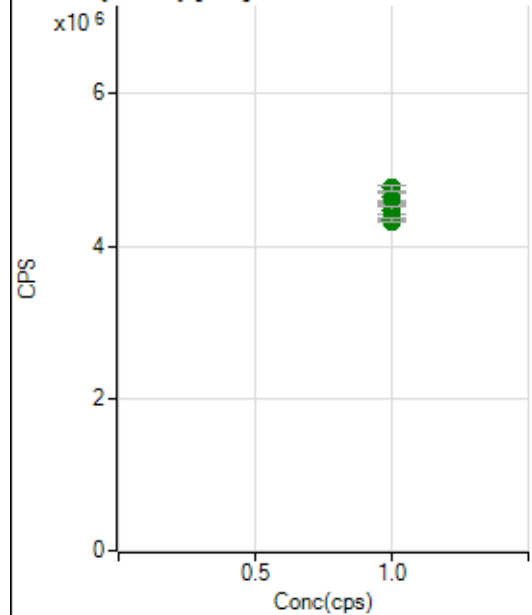
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		9809767.15		A	0.8
2	☐	1.000		10046226.59		A	0.6
3	☐	1.000		9828884.92		A	2.0
4	☐	1.000		9659993.12		A	3.0
5	☐	1.000		9674807.35		A	0.3
6	☐	1.000		9700688.33		A	1.2
7	☐	1.000		9650340.69		A	1.2
8	☐	1.000		9763124.44		A	0.7

159 Tb (ISTD) [He]

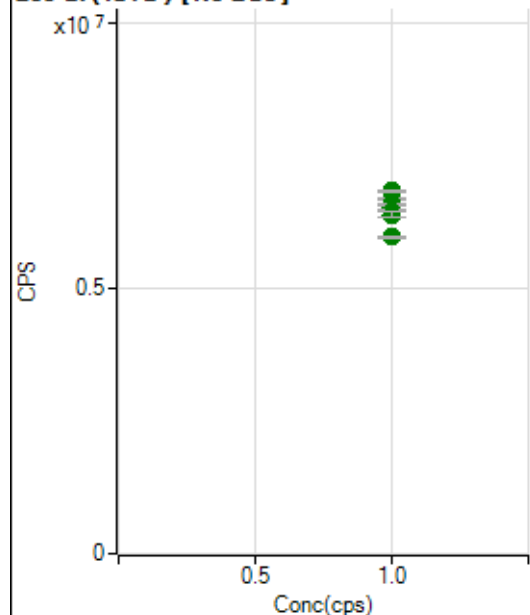
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4425684.03		A	5.5
2	☐	1.000		4521604.62		A	2.3
3	☐	1.000		4458330.73		A	0.7
4	☐	1.000		4412283.51		A	0.5
5	☐	1.000		4275072.58		A	1.5
6	☐	1.000		4185368.72		A	0.7
7	☐	1.000		4266818.13		A	2.5
8	☐	1.000		4732120.00		A	0.6

165 Ho (ISTD) [No Gas]

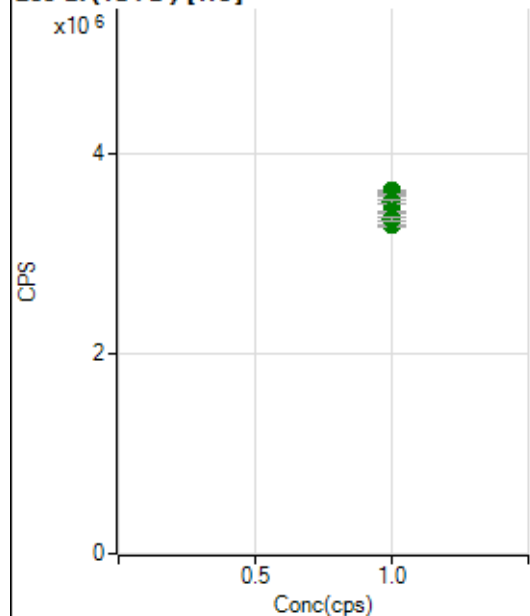
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		9713534.65		A	1.3
2	☐	1.000		9998919.23		A	1.1
3	☐	1.000		9721291.24		A	0.3
4	☐	1.000		9454180.97		A	2.0
5	☐	1.000		9820486.59		A	1.0
6	☐	1.000		9636972.70		A	0.7
7	☐	1.000		9623559.16		A	1.1
8	☐	1.000		9665948.19		A	1.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4466083.96		A	4.6
2	☐	1.000		4645689.62		A	2.0
3	☐	1.000		4535734.31		A	0.7
4	☐	1.000		4474642.57		A	2.1
5	☐	1.000		4362581.43		A	0.7
6	☐	1.000		4322454.94		A	0.5
7	☐	1.000		4346104.73		A	1.1
8	☐	1.000		4763778.64		A	1.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		6695292.96		A	0.8
2	☐	1.000		6843304.27		A	0.6
3	☐	1.000		6614944.97		A	2.0
4	☐	1.000		6511260.88		A	1.6
5	☐	1.000		6592729.35		A	0.6
6	☐	1.000		6472380.11		A	1.0
7	☐	1.000		6397576.43		A	1.3
8	☐	1.000		5967699.22		A	0.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3500624.15		A	5.5
2	☐	1.000		3620791.33		A	0.8
3	☐	1.000		3579509.11		A	1.0
4	☐	1.000		3517943.94		A	0.9
5	☐	1.000		3409130.50		A	0.3
6	☐	1.000		3280901.30		A	0.6
7	☐	1.000		3277037.87		A	0.8
8	☐	1.000		3334713.39		A	1.0