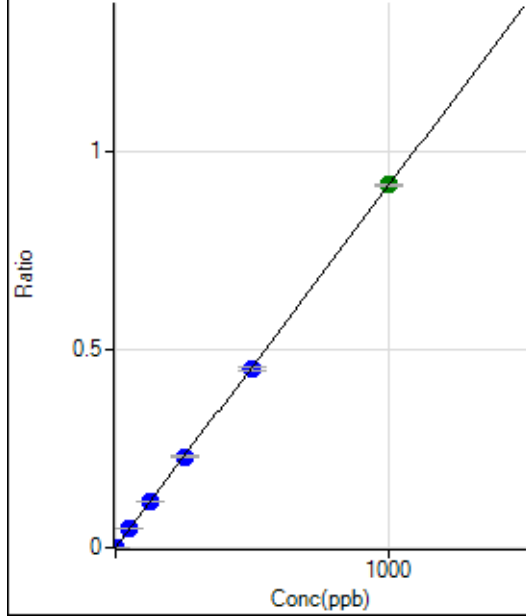


Calibration for 175SMPL.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7121924MS1.b\
 Analysis File: P7121924MS1.batch.bin
 DA Date-Time: 2024-12-20 01:01:46
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-12-19 15:04:22
2	006CALS.d	S02	2024-12-19 15:10:54
3	007CALS.d	S03	2024-12-19 15:14:09
4	008CALS.d	S04	2024-12-19 15:17:09
5	009CALS.d	S05	2024-12-19 15:19:58
6	010CALS.d	S06	2024-12-19 15:22:45
7	011CALS.d	S07	2024-12-19 15:25:28
8	012CALS.d	S08	2024-12-19 15:28:14

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	134.44	0.0001	P	18.4
2	☐	1.000	1.033	1687.88	0.0010	P	1.8
3	☐	50.000	51.125	77992.15	0.0468	P	2.0
4	☐	125.000	125.513	186612.53	0.1147	P	1.1
5	☐	250.000	252.175	364906.19	0.2303	P	2.6
6	☐	500.000	494.666	703394.53	0.4517	P	2.2
7	☐	1000.000	1002.003	1392732.51	0.9150	A	0.8
8	☐			503.35	0.0003	P	9.9

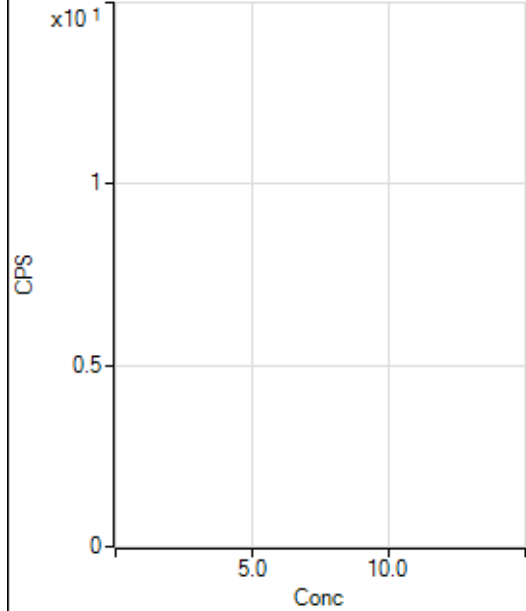
$$y = 9.1306\text{E-}004 * x + 8.3803\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.05058$$

Weight: <None>

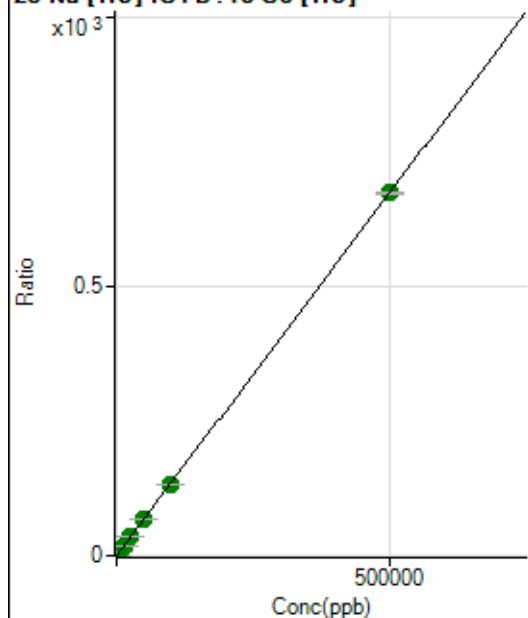
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j 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	30798.55	0.0484	P	0.9
2	☐	500.000	493.989	465331.49	0.7129	P	0.8
3	☐	5000.000	5046.769	4288005.42	6.8372	A	0.6
4	☐	12500.000	12670.938	9754841.52	17.0932	A	0.7
5	☐	25000.000	25555.836	17749876.26	34.4258	A	0.5
6	☐	50000.000	50809.079	34635132.82	68.3962	A	0.8
7	☐	100000.00	98693.904	68690802.87	132.8103	A	0.9
8	☐	500000.00	500147.78	372742678.89	672.8416	A	0.2

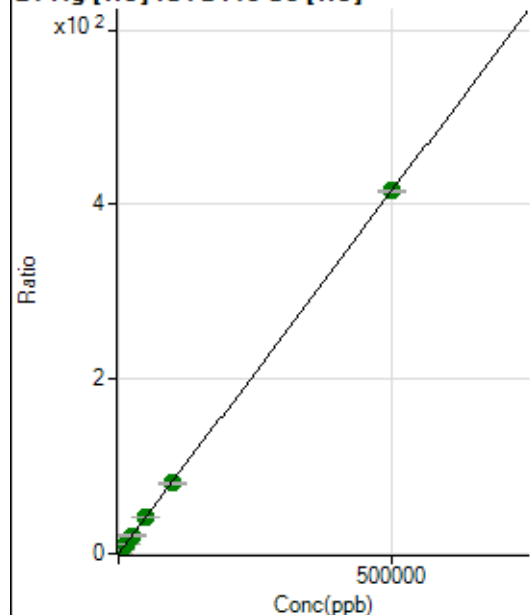
$$y = 0.0013 * x + 0.0484$$

$$R = 1.0000$$

$$DL = 0.9428$$

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	6475.85	0.0102	P	2.7
2	☐	500.000	527.003	292202.67	0.4477	P	0.5
3	☐	5000.000	5034.791	2627485.20	4.1897	A	1.2
4	☐	12500.000	12527.357	5940729.36	10.4094	A	0.7
5	☐	25000.000	25158.505	10773423.31	20.8949	A	0.7
6	☐	50000.000	50224.778	21117795.80	41.7030	A	0.9
7	☐	100000.00	97341.658	41798309.65	80.8158	A	1.4
8	☐	500000.00	500500.20	230174138.79	415.4874	A	0.4

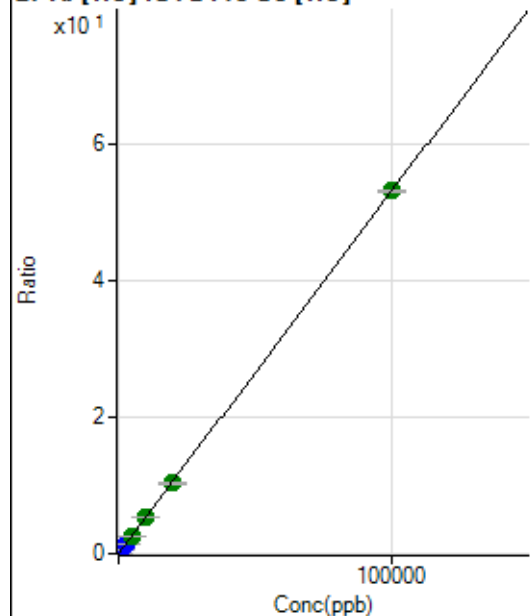
$$y = 8.3012\text{E-}004 * x + 0.0102$$

$$R = 1.0000$$

$$DL = 0.9969$$

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	916.70	0.0014	P	7.8
2	☐	20.000	17.862	7142.82	0.0109	P	1.4
3	☐	1000.000	976.578	326719.69	0.5210	P	0.4
4	☐	2500.000	2449.377	744435.21	1.3044	P	0.3
5	☐	5000.000	5018.108	1377121.35	2.6709	A	0.4
6	☐	10000.000	9973.396	2687317.05	5.3070	A	1.6
7	☐	20000.000	19377.228	5332372.87	10.3096	A	0.5
8	☐	100000.00	100127.81	29508413.73	53.2665	A	0.6

$$y = 5.3197\text{E-}004 * x + 0.0014$$

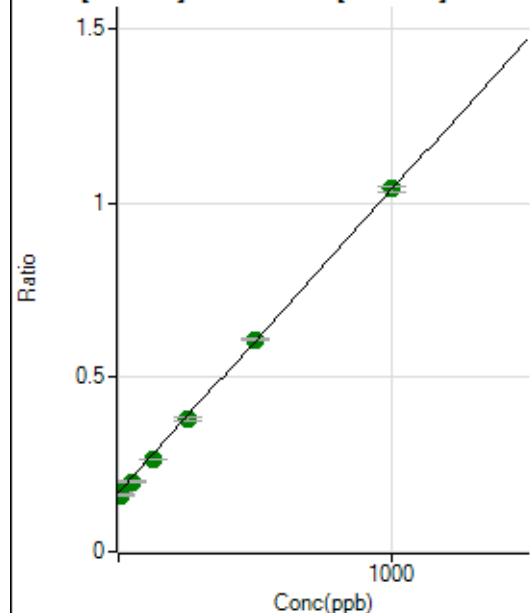
$$R = 1.0000$$

$$DL = 0.6333$$

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	1218649.96	0.1702	A	1.0
2	☐	10.000	-9.236	1192810.00	0.1622	A	1.7
3	☐	50.000	34.675	1459656.82	0.2003	A	1.2
4	☐	125.000	108.592	1814431.85	0.2644	A	0.6
5	☐	250.000	241.928	2368389.77	0.3802	A	2.7
6	☐	500.000	505.625	3574455.81	0.6090	A	1.6
7	☐	1000.000	1002.215	6087537.69	1.0401	A	1.4
8	☐			746886.94	0.1244	P	0.4

$$y = 8.6799\text{E-}004 * x + 0.1702$$

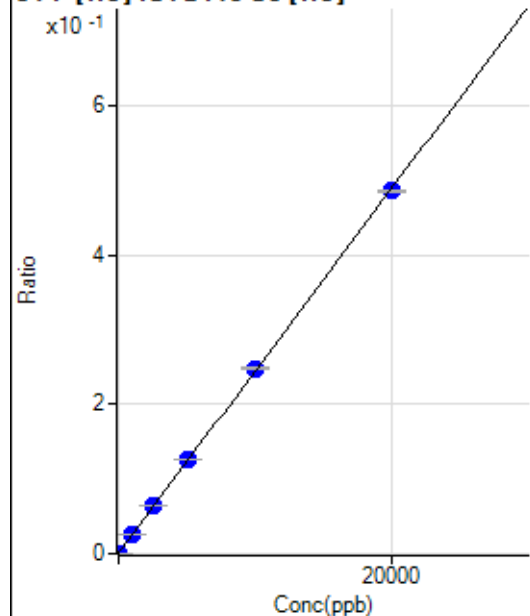
$$R = 0.9998$$

$$DL = 6.049$$

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	-17.706	174.45	0.0003	P	5.7
2	☐	0.000	17.706	742.25	0.0011	P	10.1
3	☐	1000.000	1041.120	16364.40	0.0261	P	2.3
4	☐	2500.000	2586.722	36397.64	0.0638	P	1.4
5	☐	5000.000	5128.259	64834.32	0.1257	P	1.4
6	☐	10000.000	10149.154	125669.24	0.2482	P	0.5
7	☐	20000.000	19880.462	251075.83	0.4854	P	0.6
8	☐			328.90	0.0006	P	9.7

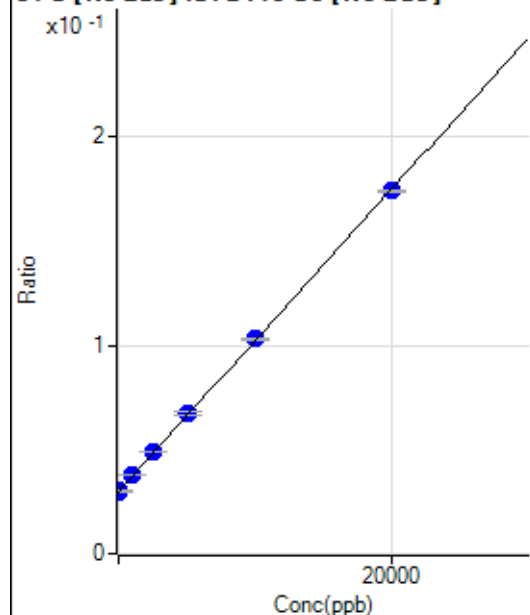
$$y = 2.4382\text{E-}005 * x + 7.0573\text{E-}004$$

$$R = 0.9999$$

$$DL = 8.01$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-52.424	210661.18	0.0294	P	0.5
2	☐	0.000	52.424	221989.64	0.0302	P	1.2
3	☐	1000.000	1142.619	277656.23	0.0381	P	1.1
4	☐	2500.000	2644.127	336236.29	0.0490	P	0.2
5	☐	5000.000	5204.372	421156.83	0.0676	P	2.5
6	☐	10000.000	10090.477	604941.04	0.1031	P	0.7
7	☐	20000.000	19878.522	1019282.15	0.1742	P	0.3
8	☐			169181.23	0.0282	P	4.1

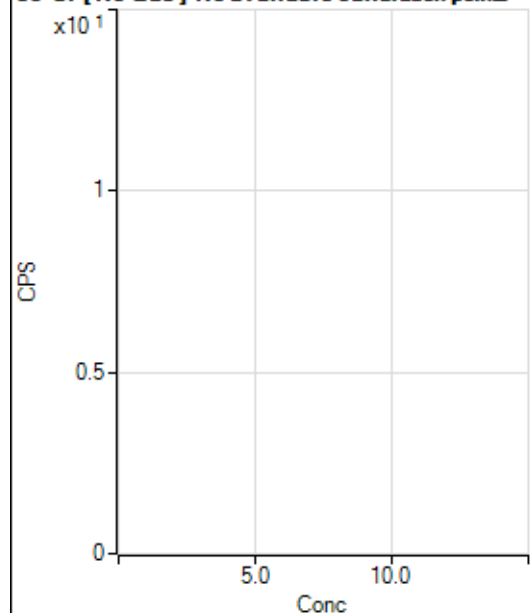
$$y = 7.2623E-006 * x + 0.0298$$

R = 0.9999

DL = 108.2

Weight: <None>

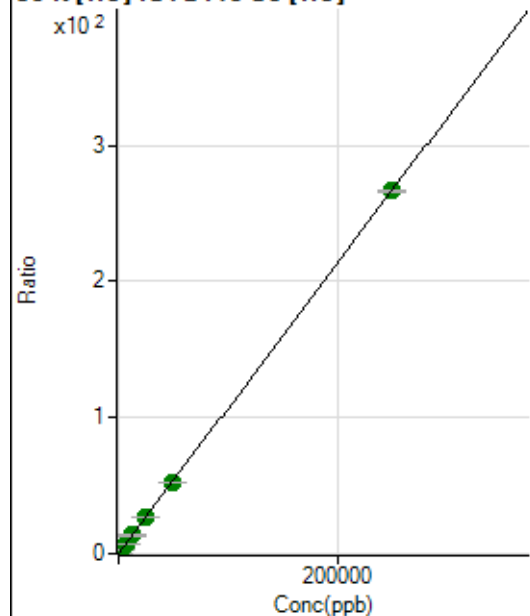
Min Conc: 0

35 Cl [No Gas] No available calibration points

	R _j 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	64709.02	0.1017	P	1.5
2	☐	500.000	542.659	443537.34	0.6795	P	0.8
3	☐	2500.000	2572.382	1781594.99	2.8408	A	1.0
4	☐	6250.000	6339.452	3910517.20	6.8521	A	0.7
5	☐	12500.000	12540.993	6937448.93	13.4556	A	0.8
6	☐	25000.000	25111.921	13592545.21	26.8415	A	0.6
7	☐	50000.000	48986.780	27031540.43	52.2640	A	0.8
8	☐	250000.00	250186.35	147638706.69	266.5064	A	0.4

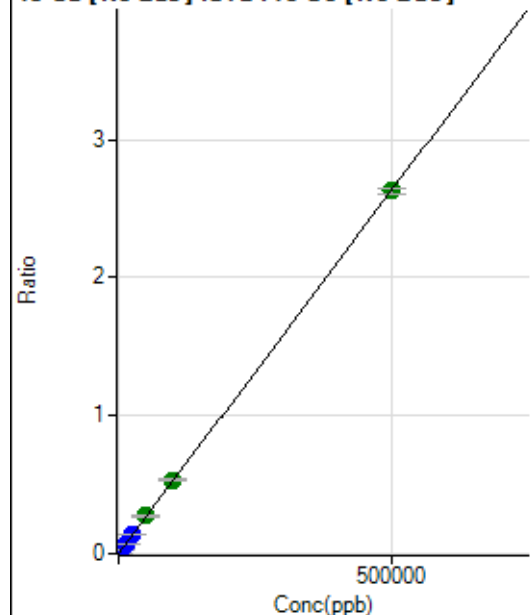
$$y = 0.0011 * x + 0.1017$$

$$R = 1.0000$$

$$DL = 4.276$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	703.36	0.0001	P	16.6
2	☐	500.000	557.593	22303.12	0.0030	P	0.6
3	☐	5000.000	5397.780	207696.70	0.0285	P	1.0
4	☐	12500.000	13323.843	481668.67	0.0702	P	0.4
5	☐	25000.000	26465.131	868097.16	0.1393	P	2.6
6	☐	50000.000	51714.672	1597290.81	0.2722	A	0.9
7	☐	100000.00	101714.71	3132473.60	0.5352	A	1.4
8	☐	500000.00	499387.70	15771454.21	2.6274	A	1.3

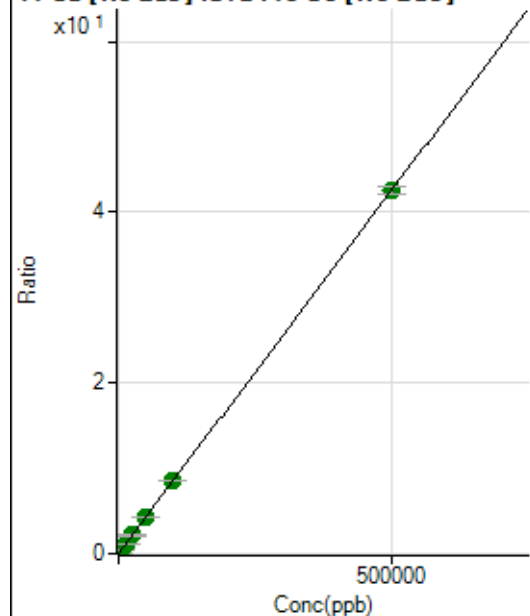
$$y = 5.2610E-006 * x + 9.8250E-005$$

$$R = 1.0000$$

$$DL = 9.307$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18350.19	0.0026	P	7.8
2	☐	500.000	554.361	365651.54	0.0497	P	0.4
3	☐	5000.000	5165.865	3220779.92	0.4419	A	0.6
4	☐	12500.000	12729.382	7444979.26	1.0850	A	1.1
5	☐	25000.000	25415.212	13482451.47	2.1638	A	2.4
6	☐	50000.000	51184.338	25559499.34	4.3551	A	0.4
7	☐	100000.00	101518.67	50540000.91	8.6354	A	0.2
8	☐	500000.00	499549.62	255006729.53	42.4829	A	2.1

$$y = 8.5037E-005 * x + 0.0026$$

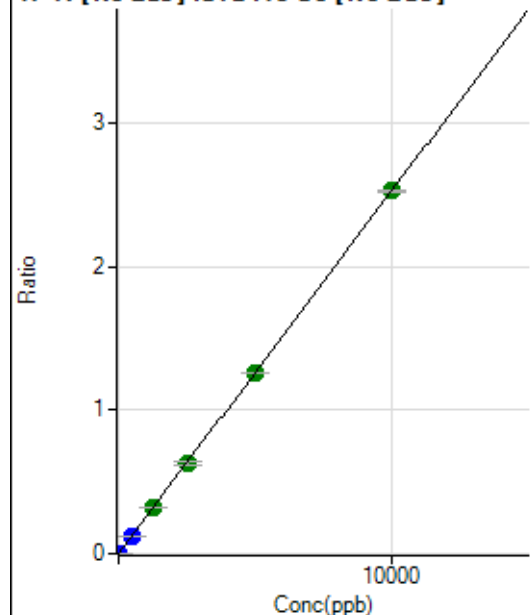
$$R = 1.0000$$

$$DL = 7.071$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	483.35	0.0001	P	8.9
2	☐	5.000	4.966	9718.75	0.0013	P	1.9
3	☐	500.000	499.904	920321.38	0.1263	P	0.9
4	☐	1250.000	1259.422	2182202.54	0.3180	A	0.6
5	☐	2500.000	2480.685	3901087.96	0.6263	A	3.5
6	☐	5000.000	4996.250	7402713.78	1.2614	A	0.4
7	☐	10000.000	10005.531	14783165.06	2.5260	A	0.4
8	☐			3209.28	0.0005	P	19.2

$$y = 2.5245E-004 * x + 6.7486E-005$$

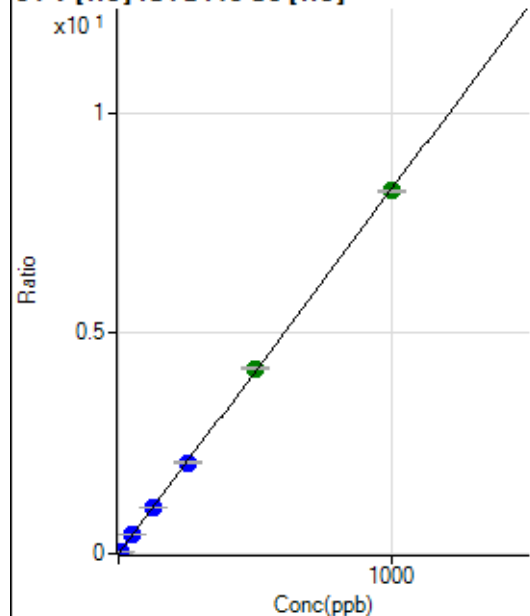
$$R = 1.0000$$

$$DL = 0.07102$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	132.22	0.0002	P	21.6
2	☐	5.000	5.244	28405.60	0.0435	P	0.7
3	☐	50.000	50.362	260976.59	0.4161	P	0.5
4	☐	125.000	125.536	591774.50	1.0369	P	0.2
5	☐	250.000	250.373	1066192.35	2.0679	P	0.5
6	☐	500.000	508.661	2127421.53	4.2010	A	0.5
7	☐	1000.000	995.490	4252278.93	8.2215	A	0.8
8	☐			1018.94	0.0018	P	10.0

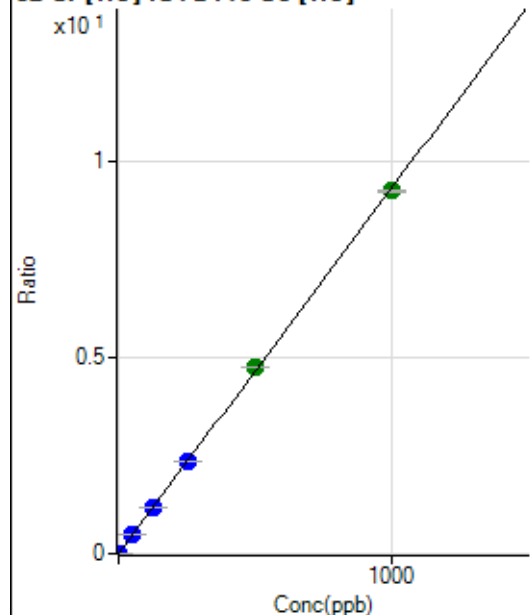
$$y = 0.0083 * x + 2.0790E-004$$

$$R = 0.9999$$

$$DL = 0.0163$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1287.85	0.0020	P	3.7
2	☐	2.000	2.134	14313.55	0.0219	P	0.4
3	☐	50.000	51.135	300447.01	0.4791	P	0.5
4	☐	125.000	127.379	679339.76	1.1904	P	0.4
5	☐	250.000	253.847	1222045.41	2.3702	P	0.2
6	☐	500.000	511.201	2416078.94	4.7711	A	0.4
7	☐	1000.000	993.083	4792869.82	9.2666	A	0.8
8	☐			8346.56	0.0151	P	10.7

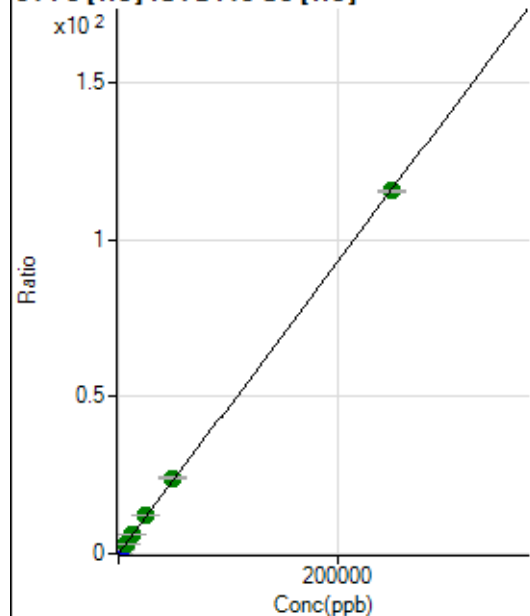
$$y = 0.0093 * x + 0.0020$$

$$R = 0.9999$$

$$DL = 0.02408$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4255.09	0.0067	P	2.5
2	☐	50.000	54.152	20754.38	0.0318	P	2.2
3	☐	2500.000	2743.901	802230.04	1.2791	P	0.0
4	☐	6250.000	6795.225	1802185.27	3.1579	A	0.4
5	☐	12500.000	13549.532	3243036.34	6.2900	A	0.9
6	☐	25000.000	26694.303	6272061.22	12.3857	A	0.6
7	☐	50000.000	52142.515	12509893.15	24.1869	A	0.2
8	☐	250000.00	249333.52	64058204.60	115.6308	A	0.4

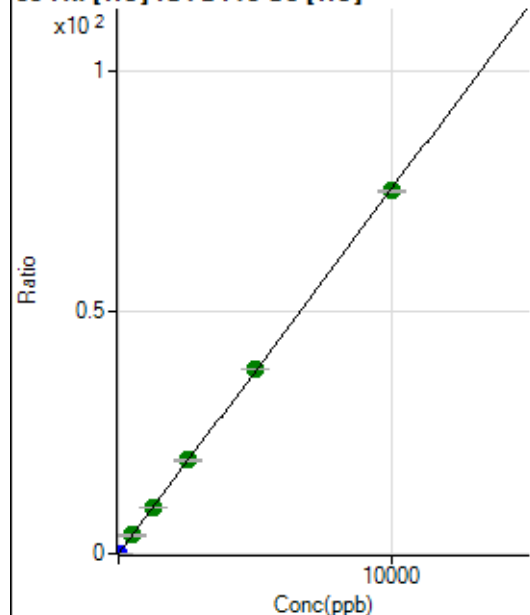
$$y = 4.6373E-004 * x + 0.0067$$

$$R = 0.9999$$

$$DL = 1.064$$

Weight: <None>

Min Conc: 0

⁵⁵Mn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1378.96	0.0022	P	2.9
2	☐	1.000	0.876	5735.59	0.0088	P	1.6
3	☐	500.000	502.567	2382617.03	3.7990	A	1.3
4	☐	1250.000	1278.332	5512546.10	9.6597	A	0.7
5	☐	2500.000	2563.423	9986007.84	19.3683	A	0.7
6	☐	5000.000	5066.947	19385808.88	38.2819	A	0.5
7	☐	10000.000	9947.001	38868374.42	75.1497	A	0.7
8	☐			19433.72	0.0351	P	2.7

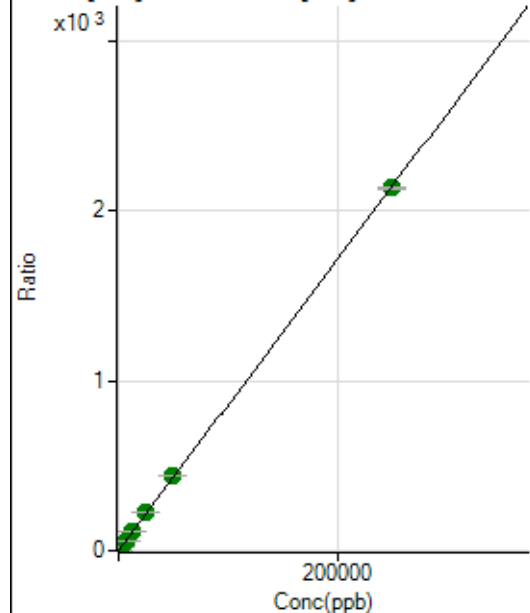
$$y = 0.0076 * x + 0.0022$$

$$R = 0.9999$$

$$DL = 0.02493$$

Weight: <None>

Min Conc: 0

⁵⁶Fe [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	48096.61	0.0756	P	1.2
2	☐	50.000	51.256	335715.01	0.5143	P	0.6
3	☐	2500.000	2608.458	14050891.32	22.4037	A	0.3
4	☐	6250.000	6625.106	32407257.85	56.7858	A	0.4
5	☐	12500.000	13297.635	58726269.12	113.9020	A	0.3
6	☐	25000.000	26336.852	114201832.74	225.5164	A	0.4
7	☐	50000.000	51567.792	228344569.93	441.4907	A	0.7
8	☐	250000.00	249502.41	1183201760.1	2,135.791	A	0.6

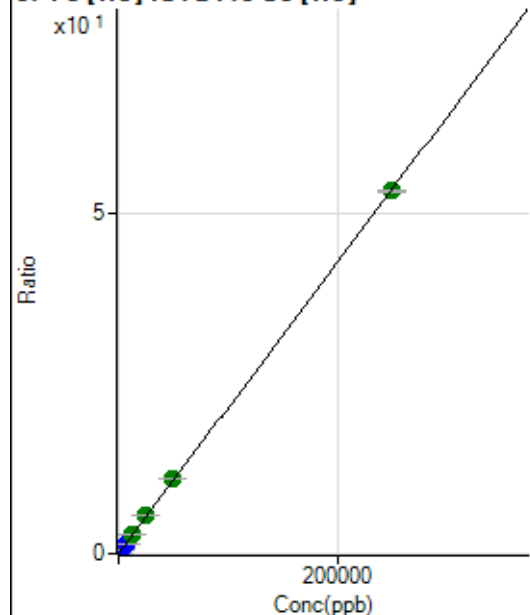
$$y = 0.0086 * x + 0.0756$$

$$R = 1.0000$$

$$DL = 0.307$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1956.82	0.0031	P	8.7
2	☐	50.000	54.432	9599.80	0.0147	P	3.7
3	☐	2500.000	2680.339	361226.61	0.5760	P	0.4
4	☐	6250.000	6757.056	825969.88	1.4473	P	0.6
5	☐	12500.000	13392.294	1477405.15	2.8655	A	0.8
6	☐	25000.000	26434.490	2862745.34	5.6532	A	0.5
7	☐	50000.000	51378.345	5681466.72	10.9846	A	0.3
8	☐	250000.00	249521.78	29547610.67	53.3356	A	0.6

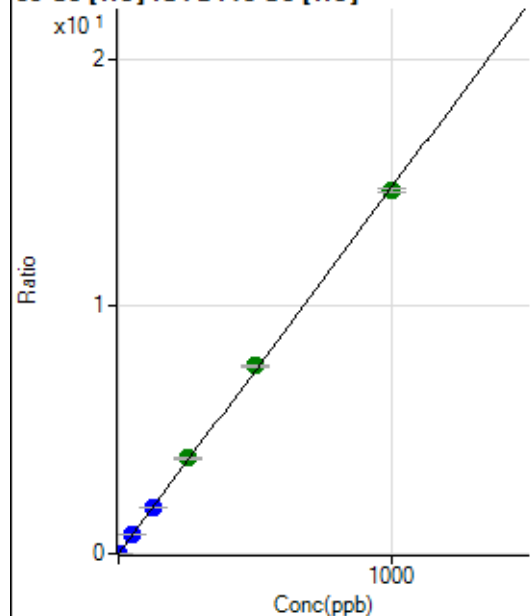
$$y = 2.1374E-004 * x + 0.0031$$

$$R = 1.0000$$

$$DL = 3.754$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	358.90	0.0006	P	6.8
2	☐	1.000	1.105	11053.04	0.0169	P	2.2
3	☐	50.000	51.394	477771.87	0.7618	P	0.5
4	☐	125.000	127.131	1074982.02	1.8836	P	0.2
5	☐	250.000	260.351	1988584.26	3.8569	A	0.8
6	☐	500.000	512.395	3843611.40	7.5901	A	0.5
7	☐	1000.000	990.878	7591306.28	14.6774	A	1.0
8	☐			21357.51	0.0386	P	1.9

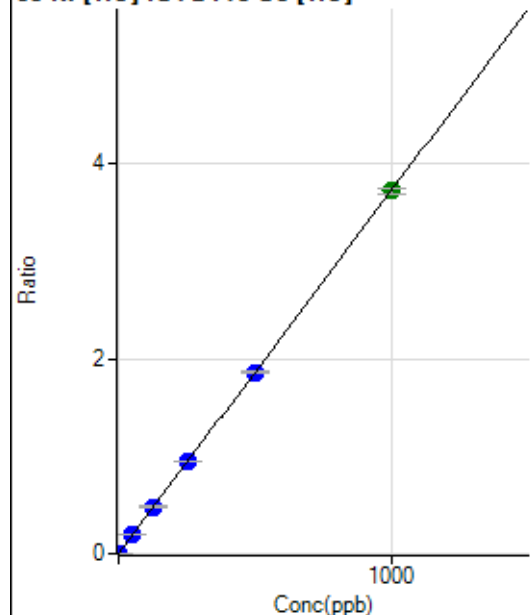
$$y = 0.0148 * x + 5.6400E-004$$

$$R = 0.9998$$

$$DL = 0.007726$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	561.13	0.0009	P	6.9
2	☐	1.000	1.119	3298.17	0.0051	P	1.9
3	☐	50.000	52.187	122624.90	0.1955	P	0.3
4	☐	125.000	129.124	275332.64	0.4825	P	0.9
5	☐	250.000	253.864	488617.41	0.9477	P	0.5
6	☐	500.000	499.692	944222.90	1.8645	P	0.4
7	☐	1000.000	998.563	1926663.79	3.7251	A	1.6
8	☐			8185.64	0.0148	P	0.3

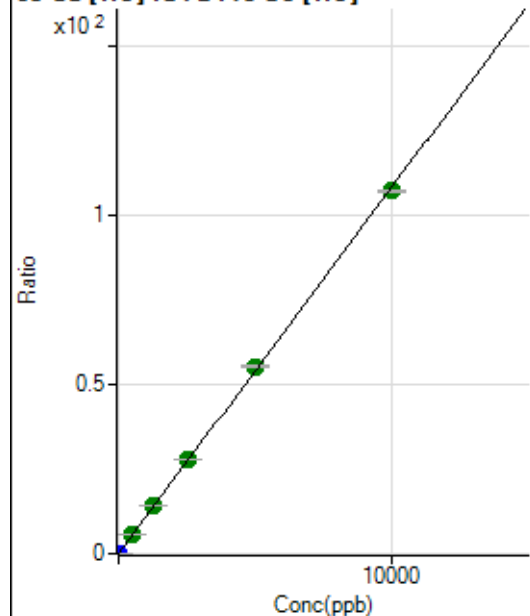
$$y = 0.0037 * x + 8.8135E-004$$

$$R = 1.0000$$

$$DL = 0.04859$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2332.42	0.0037	P	5.6
2	☐	2.000	1.883	15679.41	0.0240	P	1.4
3	☐	500.000	524.995	3560954.39	5.6779	A	1.1
4	☐	1250.000	1305.838	8056834.32	14.1173	A	0.4
5	☐	2500.000	2588.777	14427960.48	27.9835	A	0.3
6	☐	5000.000	5118.577	28016617.92	55.3259	A	0.6
7	☐	10000.000	9910.288	55401842.51	107.1152	A	0.3
8	☐			11064.18	0.0200	P	2.9

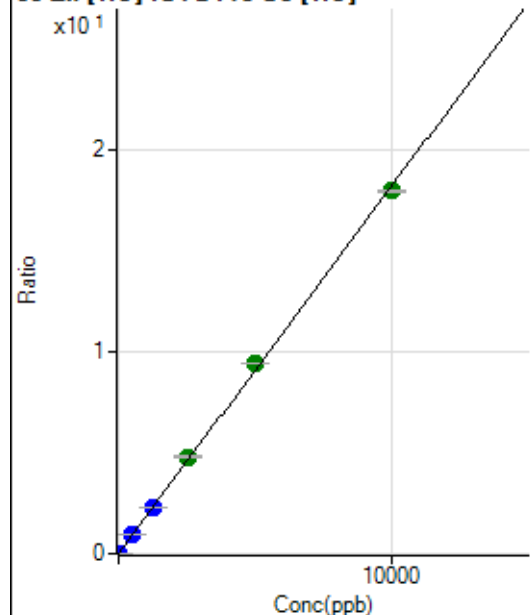
$$y = 0.0108 * x + 0.0037$$

$$R = 0.9998$$

$$DL = 0.05714$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	647.80	0.0010	P	3.0
2	☐	2.000	5.771	7525.29	0.0115	P	2.6
3	☐	500.000	510.454	583757.17	0.9308	P	0.6
4	☐	1250.000	1277.200	1328232.46	2.3274	P	0.5
5	☐	2500.000	2628.597	2469169.65	4.7889	A	1.3
6	☐	5000.000	5171.737	4770852.71	9.4212	A	0.5
7	☐	10000.000	9878.059	9306692.98	17.9936	A	0.7
8	☐			10560.47	0.0191	P	1.8

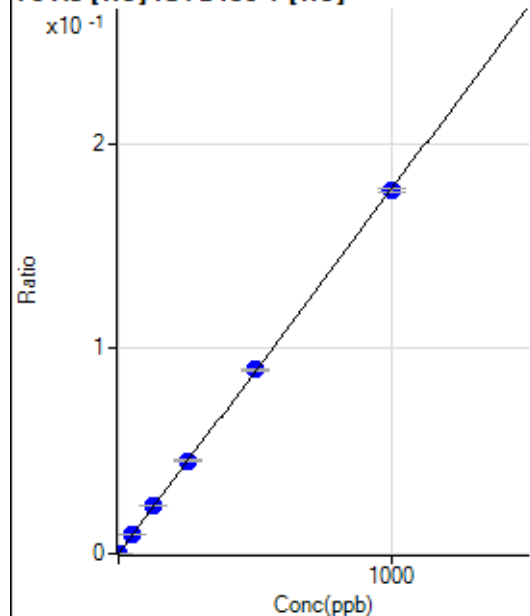
$$y = 0.0018 * x + 0.0010$$

$$R = 0.9997$$

$$DL = 0.05071$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.00	0.0000	P	58.6
2	☐	1.000	1.188	936.71	0.0002	P	5.3
3	☐	50.000	53.997	39932.43	0.0096	P	0.6
4	☐	125.000	131.113	89552.37	0.0233	P	2.1
5	☐	250.000	255.479	163326.50	0.0455	P	0.5
6	☐	500.000	505.291	319707.74	0.0899	P	0.7
7	☐	1000.000	995.021	636969.31	0.1770	P	0.9
8	☐			367.79	0.0001	P	2.5

$$y = 1.7788E-004 * x + 7.1987E-006$$

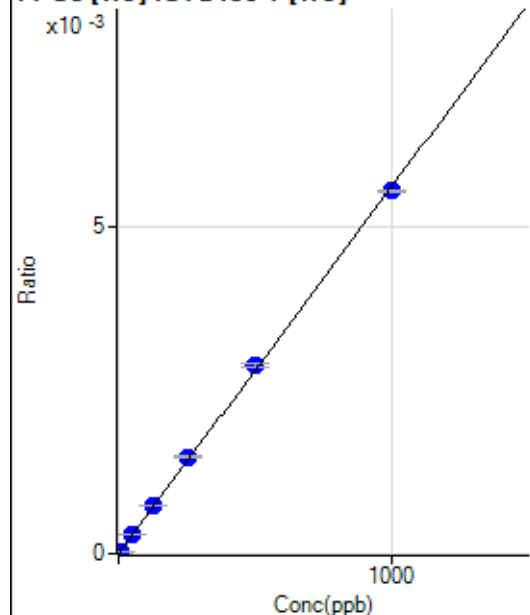
$$R = 1.0000$$

$$DL = 0.07109$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0000	P	173.
2	☐	5.000	5.312	130.00	0.0000	P	6.7
3	☐	50.000	52.425	1223.40	0.0003	P	2.0
4	☐	125.000	132.259	2849.19	0.0007	P	1.1
5	☐	250.000	263.733	5316.56	0.0015	P	1.0
6	☐	500.000	512.991	10232.51	0.0029	P	2.4
7	☐	1000.000	989.041	19961.30	0.0055	P	0.5
8	☐			6.67	0.0000	P	50.7

$$y = 5.6073\text{E-}006 * x + 5.3905\text{E-}007$$

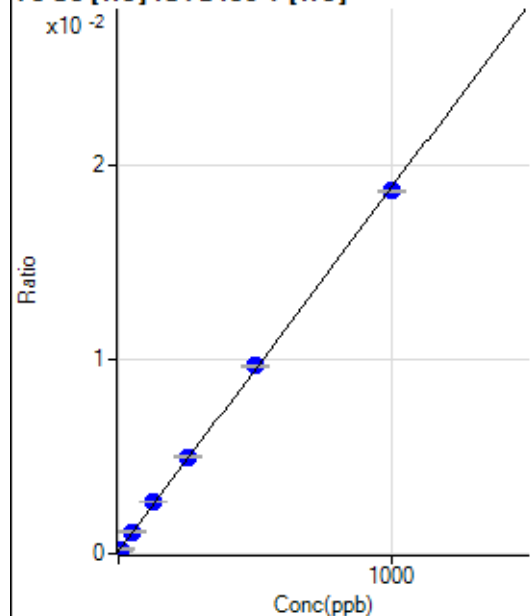
$$R = 0.9998$$

$$DL = 0.4995$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	535.57	0.0001	P	4.2
2	☐	5.000	6.142	1043.38	0.0002	P	4.5
3	☐	50.000	52.767	4632.99	0.0011	P	4.8
4	☐	125.000	136.594	10302.56	0.0027	P	0.7
5	☐	250.000	259.732	17917.59	0.0050	P	1.8
6	☐	500.000	510.147	34394.40	0.0097	P	0.8
7	☐	1000.000	990.900	67163.63	0.0187	P	0.6
8	☐			413.34	0.0001	P	5.8

$$y = 1.8704\text{E-}005 * x + 1.2851\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.856$$

Weight: <None>

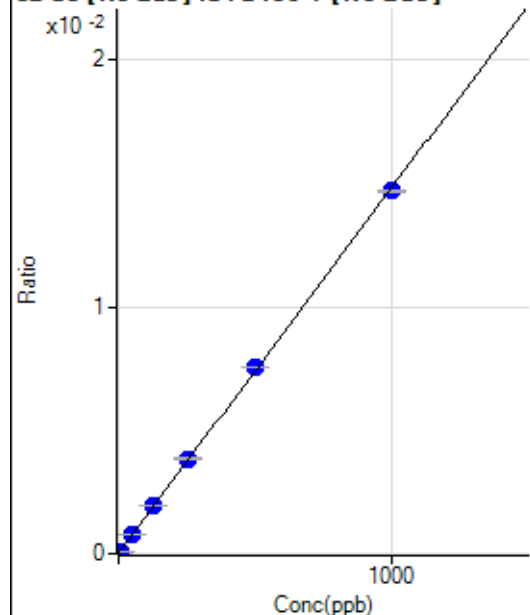
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16186.78		P	2.3
2	☐			16982.10		P	0.8
3	☐			16618.33		P	1.6
4	☐			14627.34		P	3.5
5	☐			11857.07		P	1.9
6	☐			11297.74		P	1.4
7	☐			11400.03		P	1.3
8	☐			13244.91		P	2.4

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			187.78		P	2.7
2	☐			166.67		P	23.1
3	☐			264.45		P	1.9
4	☐			125.56		P	12.6
5	☐			124.45		P	20.3
6	☐			106.67		P	8.3
7	☐			121.11		P	8.4
8	☐			163.34		P	22.1

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	222.94	0.0000	P	13.0
2	☐	5.000	5.009	1398.93	0.0001	P	3.8
3	☐	50.000	52.983	12438.59	0.0008	P	1.5
4	☐	125.000	129.447	28428.61	0.0019	P	1.1
5	☐	250.000	258.629	52478.68	0.0038	P	2.6
6	☐	500.000	510.245	98505.26	0.0076	P	0.4
7	☐	1000.000	992.015	192471.78	0.0147	P	0.7
8	☐			349.33	0.0000	P	5.1

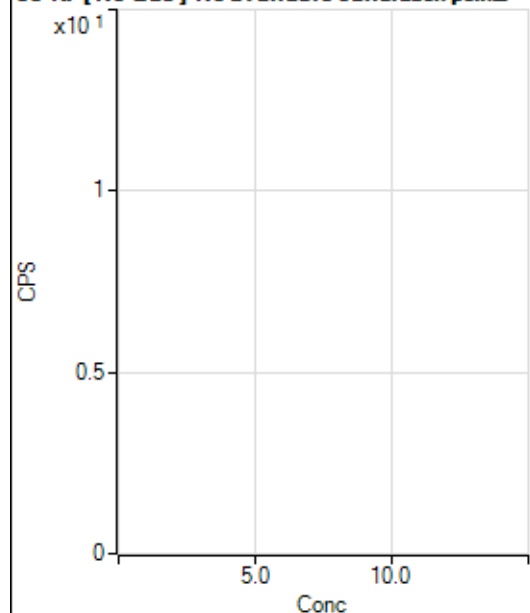
$$y = 1.4804E-005 * x + 1.4576E-005$$

$$R = 0.9999$$

$$DL = 0.384$$

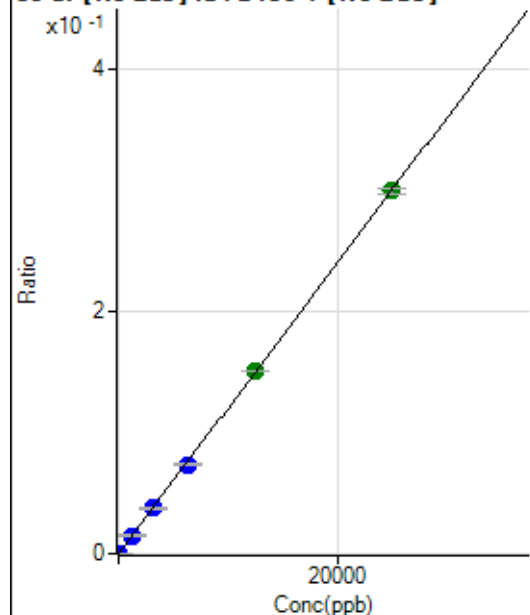
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			253.34		P	7.9
2	☐			290.01		P	12.1
3	☐			241.11		P	14.8
4	☐			232.23		P	3.6
5	☐			175.56		P	9.7
6	☐			224.45		P	12.6
7	☐			222.23		P	7.7
8	☐			292.23		P	4.0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	460.01	0.0000	P	5.1
2	☐	1.000	26.089	5406.60	0.0003	P	3.3
3	☐	1250.000	1253.925	234552.77	0.0151	P	0.9
4	☐	3125.000	3113.625	550060.55	0.0374	P	1.9
5	☐	6250.000	6141.369	1005962.91	0.0737	P	2.1
6	☐	12500.000	12570.681	1962213.54	0.1508	A	0.3
7	☐	25000.000	24993.042	3923940.84	0.2997	A	1.5
8	☐			12396.43	0.0009	P	2.1

$$y = 1.1990\text{E-}005 * x + 3.0083\text{E-}005$$

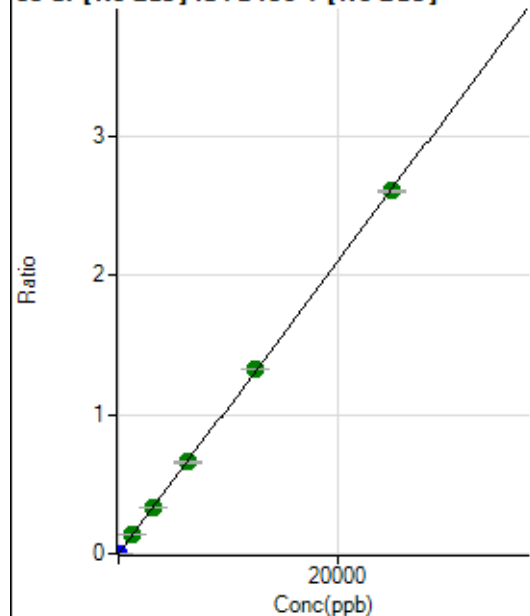
$$R = 1.0000$$

$$DL = 0.3836$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1021.16	0.0001	P	5.8
2	☐	1.000	25.684	43510.76	0.0028	P	1.6
3	☐	1250.000	1277.826	2086809.64	0.1340	A	0.1
4	☐	3125.000	3175.951	4902734.16	0.3330	A	1.5
5	☐	6250.000	6297.331	9016171.05	0.6602	A	2.1
6	☐	12500.000	12650.297	17262212.80	1.3263	A	0.5
7	☐	25000.000	24905.258	34185927.82	2.6110	A	0.8
8	☐			103650.31	0.0079	P	0.8

$$y = 1.0484\text{E-}004 * x + 6.6775\text{E-}005$$

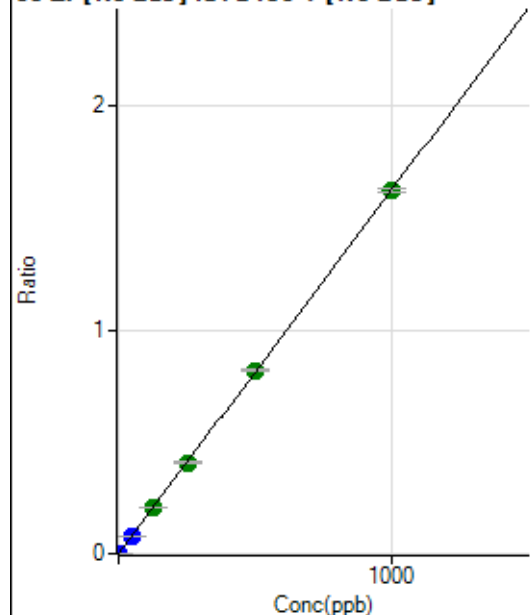
$$R = 1.0000$$

$$DL = 0.1103$$

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	1174.50	0.0001	P	7.5
2	☐	1.000	1.010	27079.49	0.0017	P	2.0
3	☐	50.000	49.466	1252694.19	0.0805	P	0.6
4	☐	125.000	125.904	3013274.95	0.2047	A	1.3
5	☐	250.000	250.049	5549010.82	0.4064	A	2.5
6	☐	500.000	503.888	10658297.83	0.8189	A	0.6
7	☐	1000.000	997.957	21233079.68	1.6217	A	1.0
8	☐			14670.77	0.0011	P	6.0

$$y = 0.0016 * x + 7.6798E-005$$

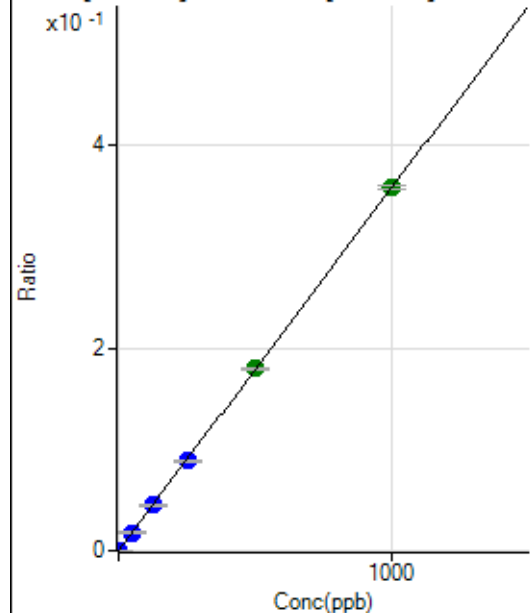
$$R = 1.0000$$

$$DL = 0.01061$$

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	244.45	0.0000	P	13.1
2	☐	1.000	1.015	5972.38	0.0004	P	2.4
3	☐	50.000	50.153	279461.49	0.0179	P	0.8
4	☐	125.000	124.720	656795.08	0.0446	P	1.6
5	☐	250.000	246.868	1205614.05	0.0883	P	2.2
6	☐	500.000	501.057	2332137.81	0.1792	A	1.4
7	☐	1000.000	1000.282	4683271.49	0.3577	A	1.0
8	☐			3213.72	0.0002	P	7.6

$$y = 3.5758E-004 * x + 1.5980E-005$$

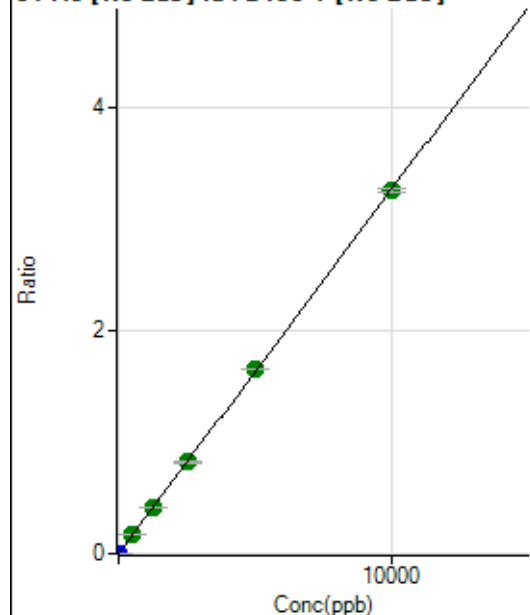
$$R = 1.0000$$

$$DL = 0.01762$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1284.52	0.0001	P	3.9
2	☐	5.000	5.897	31745.52	0.0020	P	0.8
3	☐	500.000	507.991	2588665.34	0.1663	A	0.1
4	☐	1250.000	1273.050	6131795.05	0.4165	A	2.1
5	☐	2500.000	2525.276	11281793.86	0.8262	A	1.9
6	☐	5000.000	5059.389	21542684.40	1.6551	A	0.2
7	☐	10000.000	9960.705	42662517.70	3.2585	A	1.2
8	☐			13681.02	0.0010	P	15.1

$$y = 3.2712\text{E-}004 * x + 8.4019\text{E-}005$$

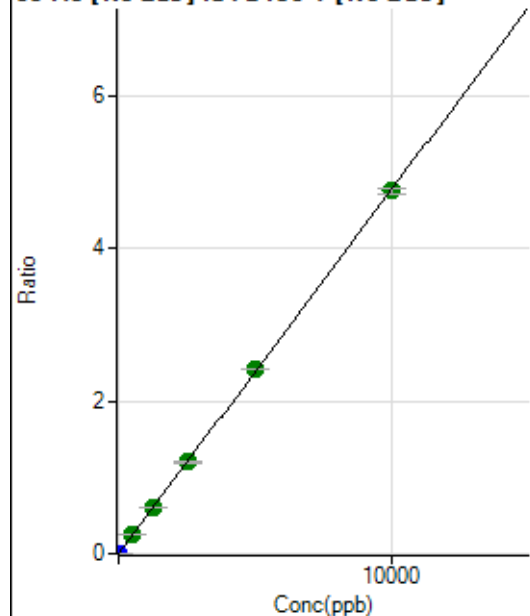
$$R = 1.0000$$

$$DL = 0.02967$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1562.32	0.0001	P	4.4
2	☐	5.000	4.985	39086.48	0.0025	P	2.5
3	☐	500.000	507.605	3769410.43	0.2421	A	0.2
4	☐	1250.000	1264.001	8873114.17	0.6027	A	1.7
5	☐	2500.000	2511.410	16351581.42	1.1974	A	2.1
6	☐	5000.000	5056.905	31379752.31	2.4109	A	0.2
7	☐	10000.000	9966.564	62211305.19	4.7516	A	1.4
8	☐			14045.94	0.0011	P	21.2

$$y = 4.7674\text{E-}004 * x + 1.0220\text{E-}004$$

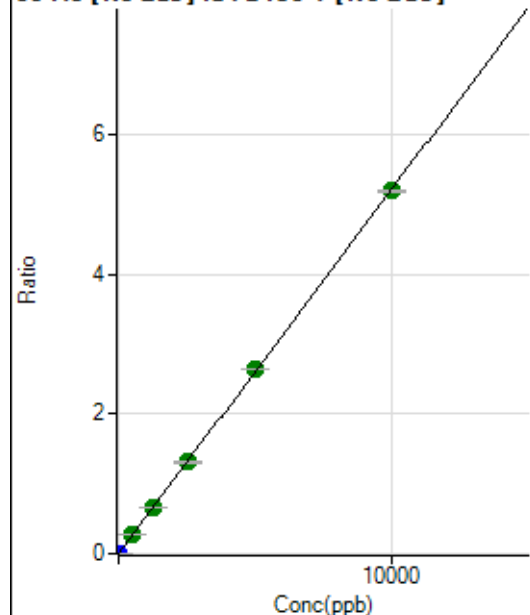
$$R = 1.0000$$

$$DL = 0.02813$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1795.68	0.0001	P	5.8
2	☐	5.000	5.033	43264.91	0.0027	P	1.5
3	☐	500.000	508.753	4134647.72	0.2656	A	1.1
4	☐	1250.000	1269.892	9756342.98	0.6627	A	1.3
5	☐	2500.000	2508.915	17878285.85	1.3092	A	2.2
6	☐	5000.000	5062.497	34380682.27	2.6415	A	0.1
7	☐	10000.000	9963.599	68065989.54	5.1987	A	0.8
8	☐			25392.36	0.0019	P	11.9

$$y = 5.2175E-004 * x + 1.1747E-004$$

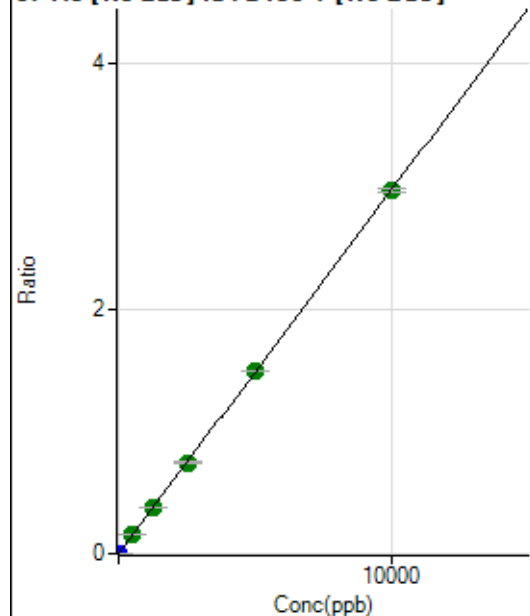
$$R = 1.0000$$

$$DL = 0.03895$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1018.94	0.0001	P	1.8
2	☐	5.000	4.940	24194.47	0.0015	P	1.5
3	☐	500.000	506.003	2341724.31	0.1504	A	1.2
4	☐	1250.000	1269.545	5553957.42	0.3773	A	1.6
5	☐	2500.000	2504.340	10162764.22	0.7441	A	1.6
6	☐	5000.000	5040.177	19491404.99	1.4975	A	0.1
7	☐	10000.000	9976.083	38807618.03	2.9640	A	1.0
8	☐			8630.48	0.0007	P	18.8

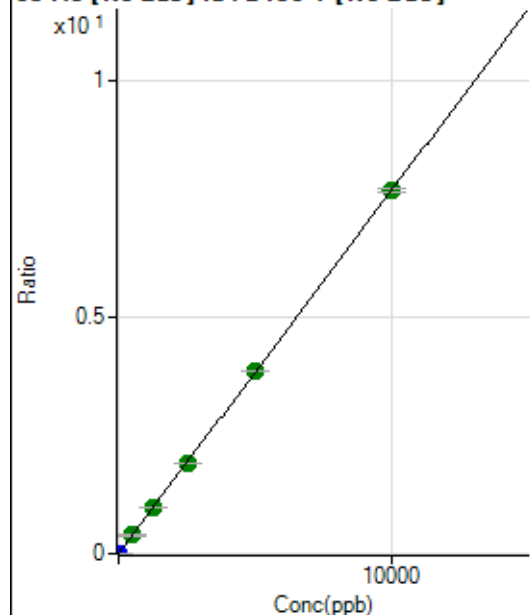
$$y = 2.9711E-004 * x + 6.6639E-005$$

$$R = 1.0000$$

$$DL = 0.01187$$

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	2449.12	0.0002	P	4.5
2	☐	5.000	4.914	62115.60	0.0039	P	0.3
3	☐	500.000	504.513	6042496.78	0.3881	A	1.0
4	☐	1250.000	1256.016	14220843.95	0.9659	A	1.4
5	☐	2500.000	2487.600	26125283.50	1.9129	A	1.6
6	☐	5000.000	5023.650	50278410.36	3.8630	A	0.5
7	☐	10000.000	9990.297	100578458.50	7.6819	A	0.9
8	☐			21681.11	0.0017	P	19.1

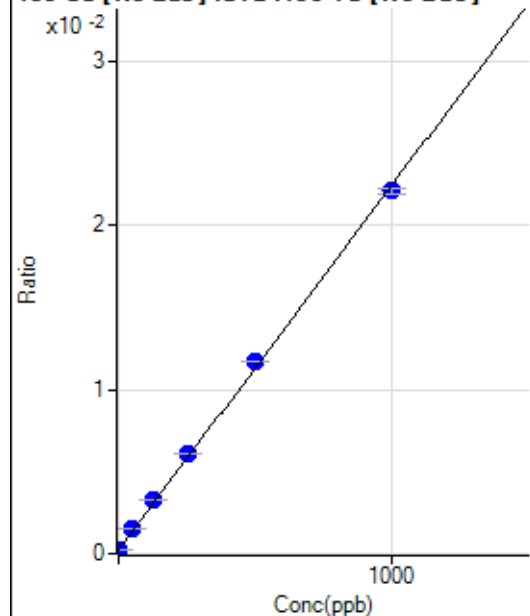
$$y = 7.6892\text{E-}004 * x + 1.6021\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.02784$$

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	3480.45	0.0002	P	2.9
2	☐	1.000	1.848	4213.99	0.0003	P	5.3
3	☐	50.000	58.290	24207.99	0.0015	P	1.5
4	☐	125.000	139.848	51601.20	0.0033	P	0.4
5	☐	250.000	264.863	91591.83	0.0061	P	1.0
6	☐	500.000	516.366	171953.10	0.0117	P	0.3
7	☐	1000.000	985.830	329833.74	0.0221	P	1.7
8	☐			3387.09	0.0002	P	3.3

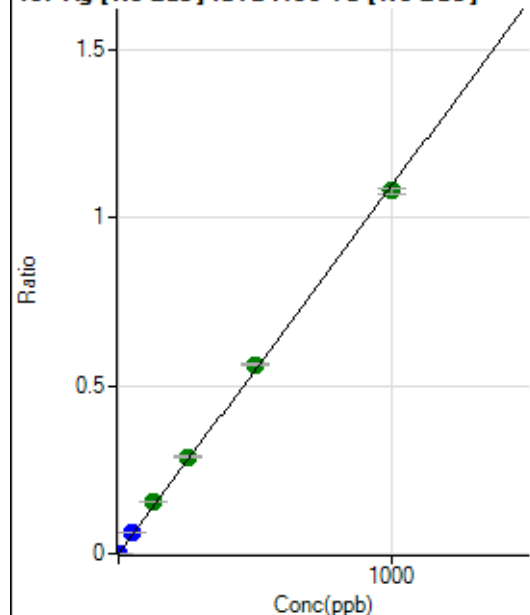
$$y = 2.2209\text{E-}005 * x + 2.2624\text{E-}004$$

$$R = 0.9996$$

$$DL = 0.8834$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	464.54	0.0000	P	5.9
2	☐	1.000	1.137	20078.34	0.0013	P	1.3
3	☐	50.000	56.802	989324.53	0.0622	P	1.1
4	☐	125.000	141.023	2388875.18	0.1543	A	1.4
5	☐	250.000	263.659	4324133.18	0.2884	A	1.1
6	☐	500.000	515.106	8283900.67	0.5634	A	1.3
7	☐	1000.000	986.689	16090830.01	1.0791	A	1.3
8	☐			3849.18	0.0003	P	17.8

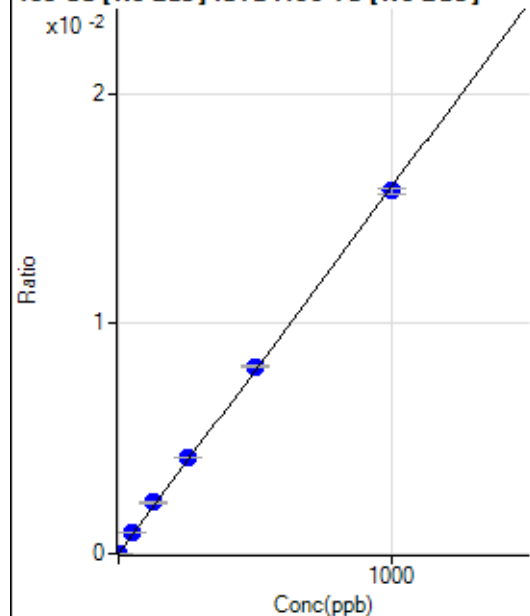
$$y = 0.0011 * x + 3.0205E-005$$

$$R = 0.9997$$

$$DL = 0.004874$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	23.33	0.0000	P	27.7
2	☐	1.000	1.121	305.56	0.0000	P	8.2
3	☐	50.000	57.983	14736.45	0.0009	P	1.6
4	☐	125.000	139.286	34406.37	0.0022	P	1.1
5	☐	250.000	262.934	62865.31	0.0042	P	1.3
6	☐	500.000	509.745	119500.43	0.0081	P	1.3
7	☐	1000.000	989.709	235257.88	0.0158	P	1.9
8	☐			128.89	0.0000	P	4.6

$$y = 1.5940E-005 * x + 1.5142E-006$$

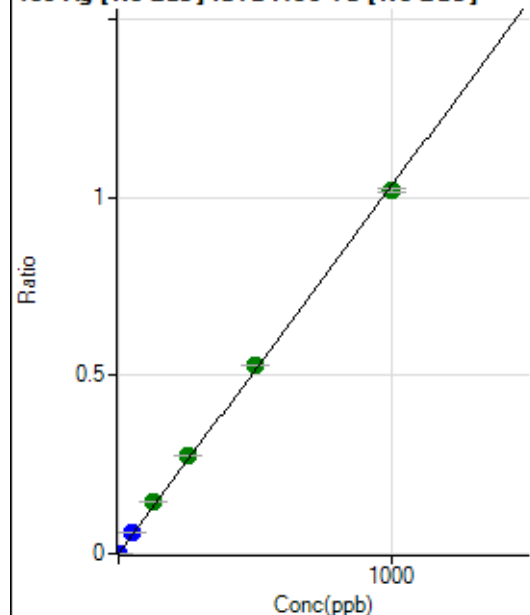
$$R = 0.9998$$

$$DL = 0.07882$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	412.23	0.0000	P	4.3
2	☐	1.000	1.121	18648.75	0.0012	P	2.2
3	☐	50.000	56.919	934913.15	0.0587	P	1.0
4	☐	125.000	140.758	2248657.93	0.1452	A	0.7
5	☐	250.000	267.867	4142938.72	0.2763	A	0.7
6	☐	500.000	513.051	7781299.54	0.5292	A	0.6
7	☐	1000.000	986.692	15175307.27	1.0177	A	1.2
8	☐			3544.92	0.0002	P	17.4

$$y = 0.0010 * x + 2.6801E-005$$

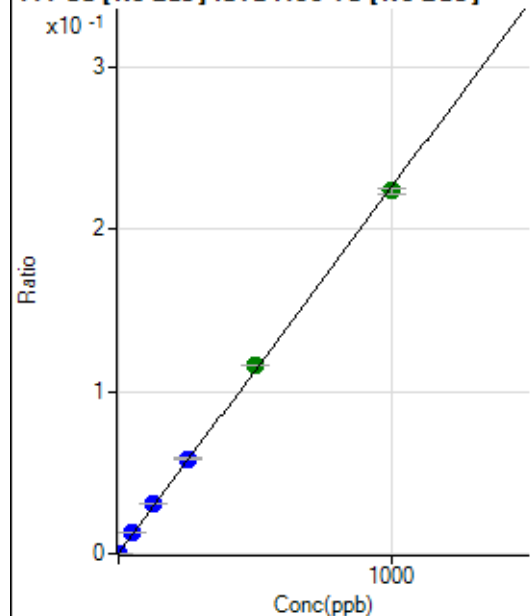
$$R = 0.9996$$

$$DL = 0.00338$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2529.17	0.0002	P	3.1
2	☐	1.000	1.205	6877.43	0.0004	P	2.1
3	☐	50.000	55.853	203276.45	0.0128	P	1.0
4	☐	125.000	134.511	472672.82	0.0305	P	0.7
5	☐	250.000	258.520	877221.49	0.0585	P	1.9
6	☐	500.000	513.350	1706053.14	0.1160	A	0.5
7	☐	1000.000	989.713	3333255.68	0.2235	A	1.5
8	☐			3059.60	0.0002	P	4.4

$$y = 2.2570E-004 * x + 1.6441E-004$$

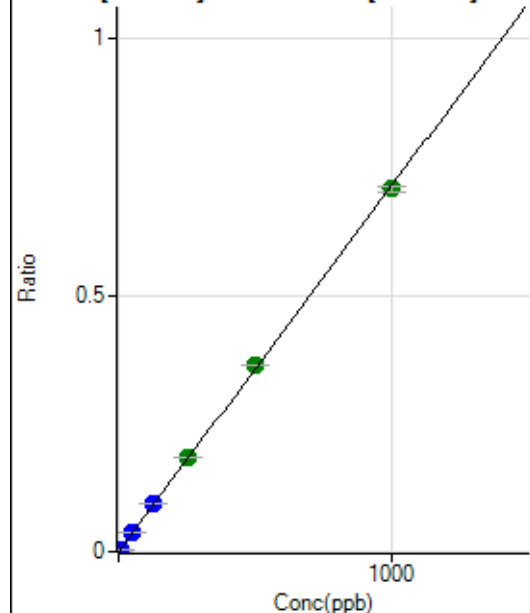
$$R = 0.9998$$

$$DL = 0.06777$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2147.96	0.0001	P	3.2
2	☐	5.000	5.702	66251.18	0.0042	P	1.1
3	☐	50.000	53.530	609483.21	0.0383	P	0.7
4	☐	125.000	129.904	1435763.69	0.0927	P	0.9
5	☐	250.000	256.945	2747685.65	0.1833	A	1.2
6	☐	500.000	510.887	5355639.64	0.3642	A	0.5
7	☐	1000.000	992.027	10543804.71	0.7071	A	1.4
8	☐			5005.36	0.0003	P	11.1

$$y = 7.1265E-004 * x + 1.3963E-004$$

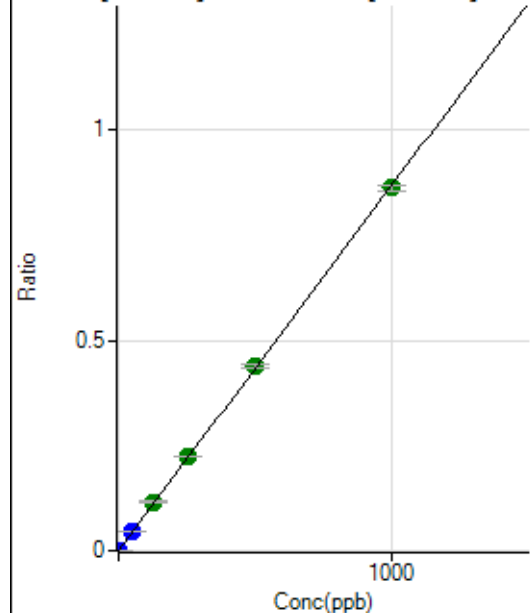
$$R = 0.9999$$

$$DL = 0.01885$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	313.34	0.0000	P	6.0
2	☐	2.000	2.218	30647.11	0.0019	P	0.5
3	☐	50.000	52.938	731259.35	0.0459	P	1.0
4	☐	125.000	132.833	1784501.73	0.1152	A	2.6
5	☐	250.000	258.995	3368830.57	0.2247	A	0.7
6	☐	500.000	505.450	6447170.60	0.4385	A	1.3
7	☐	1000.000	993.900	12855522.73	0.8621	A	1.4
8	☐			7161.86	0.0005	P	12.0

$$y = 8.6742E-004 * x + 2.0357E-005$$

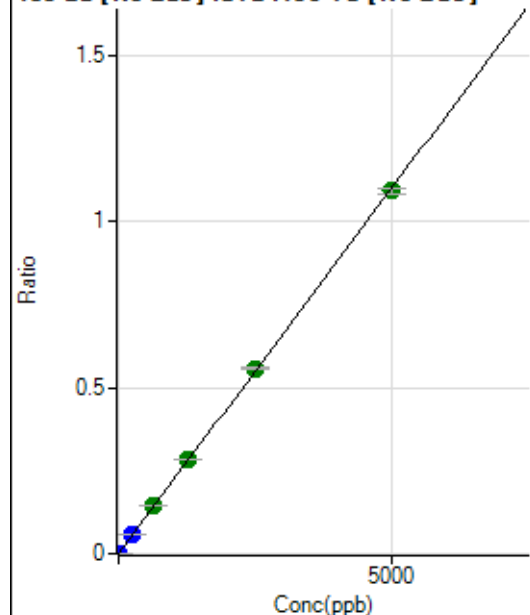
$$R = 0.9999$$

$$DL = 0.004189$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	405.57	0.0000	P	24.9
2	☐	10.000	10.654	37317.70	0.0024	P	1.4
3	☐	250.000	257.947	902691.35	0.0567	P	0.8
4	☐	625.000	658.215	2240251.25	0.1447	A	0.7
5	☐	1250.000	1286.543	4239156.39	0.2827	A	1.1
6	☐	2500.000	2538.745	8203393.35	0.5579	A	0.5
7	☐	5000.000	4966.941	16275121.56	1.0915	A	1.3
8	☐			8063.47	0.0005	P	8.6

$$y = 2.1974\text{E-}004 * x + 2.6378\text{E-}005$$

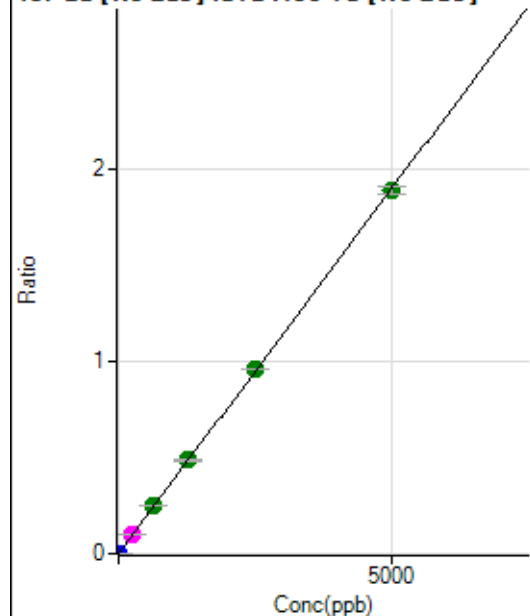
$$R = 0.9999$$

$$DL = 0.08963$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	683.36	0.0000	P	7.6
2	☐	10.000	10.710	64626.84	0.0041	P	1.5
3	☐	250.000	264.459	1594859.06	0.1002	M	2.2
4	☐	625.000	651.627	3822069.66	0.2468	A	1.3
5	☐	1250.000	1279.844	7266955.03	0.4847	A	1.8
6	☐	2500.000	2532.108	14100363.40	0.9589	A	0.7
7	☐	5000.000	4972.432	28077519.58	1.8831	A	2.0
8	☐			13732.29	0.0009	P	7.4

$$y = 3.7869\text{E-}004 * x + 4.4406\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.02679$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	78.1
2	☐			8.89		P	21.6
3	☐			67.78		P	23.2
4	☐			124.45		P	6.2
5	☐			220.00		P	3.0
6	☐			386.68		P	10.5
7	☐			753.36		P	4.7
8	☐			260.01		P	11.0

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			6.67		P	50.0
3	☐			8.89		P	43.3
4	☐			36.67		P	18.2
5	☐			45.56		P	25.7
6	☐			93.33		P	32.1
7	☐			185.56		P	2.7
8	☐			172.23		P	11.2

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			35.56		P	28.6
2	☐			24.45		P	28.4
3	☐			36.67		P	32.8
4	☐			40.00		P	25.0
5	☐			71.11		P	5.4
6	☐			127.78		P	6.0
7	☐			247.78		P	10.8
8	☐			491.13		P	7.0

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	86.6
2	☐			10.00		P	33.3
3	☐			70.00		P	12.6
4	☐			101.11		P	12.5
5	☐			222.23		P	15.0
6	☐			338.89		P	6.0
7	☐			794.47		P	10.1
8	☐			400.01		P	5.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			40.00		P	30.0
2	☐			57.78		P	8.8
3	☐			55.55		P	6.9
4	☐			67.78		P	7.5
5	☐			95.55		P	21.3
6	☐			113.34		P	5.1
7	☐			150.00		P	15.6
8	☐			476.68		P	5.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			614.46		P	12.0
2	☐			731.14		P	2.1
3	☐			661.13		P	1.5
4	☐			651.14		P	11.9
5	☐			650.02		P	8.3
6	☐			596.69		P	4.9
7	☐			701.14		P	2.7
8	☐			920.04		P	3.8

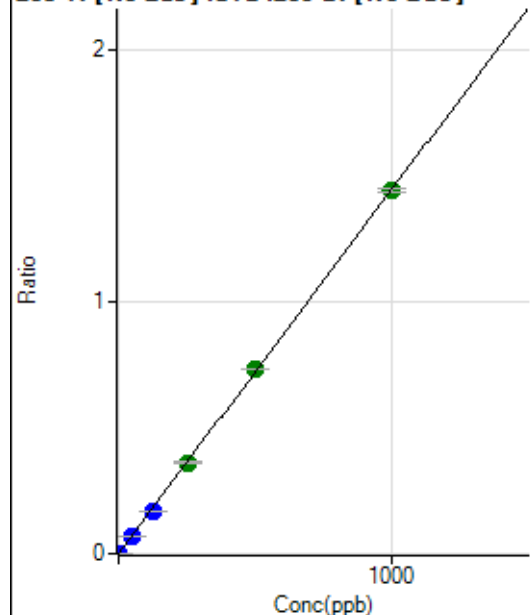
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			58.89		P	33.2
2	☐			72.22		P	23.7
3	☐			75.56		P	16.7
4	☐			86.67		P	25.2
5	☐			87.78		P	34.5
6	☐			134.45		P	6.2
7	☐			148.89		P	8.5
8	☐			556.68		P	10.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			45.56		P	11.2
2	☐			41.11		P	54.0
3	☐			51.11		P	44.4
4	☐			60.00		P	14.7
5	☐			45.55		P	23.5
6	☐			82.22		P	8.4
7	☐			120.00		P	14.4
8	☐			407.79		P	11.3

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	671.14	0.0001	P	4.4
2	☐	1.000	0.942	13497.88	0.0014	P	0.2
3	☐	50.000	48.046	657009.96	0.0694	P	2.1
4	☐	125.000	118.408	1596300.67	0.1709	P	0.4
5	☐	250.000	250.935	3310586.31	0.3621	A	1.2
6	☐	500.000	507.162	6612891.85	0.7318	A	0.9
7	☐	1000.000	997.107	12943659.81	1.4387	A	0.9
8	☐			2438.04	0.0003	P	20.5

$$y = 0.0014 * x + 7.4890E-005$$

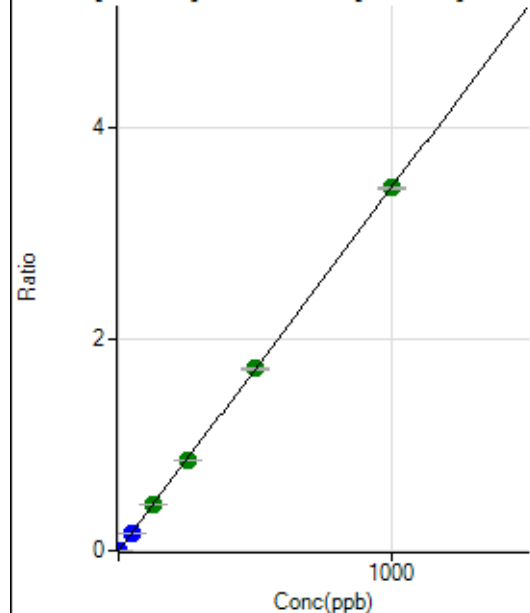
$$R = 0.9999$$

$$DL = 0.006912$$

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	1433.42	0.0002	P	7.0
2	☐	1.000	0.973	32905.32	0.0035	P	2.2
3	☐	50.000	47.674	1549851.61	0.1637	P	2.0
4	☐	125.000	126.167	4043546.57	0.4329	A	1.9
5	☐	250.000	248.897	7807141.34	0.8539	A	1.1
6	☐	500.000	501.762	15554644.91	1.7213	A	1.0
7	☐	1000.000	999.365	30843698.98	3.4283	A	0.6
8	☐			5926.95	0.0007	P	23.4

$$y = 0.0034 * x + 1.6003E-004$$

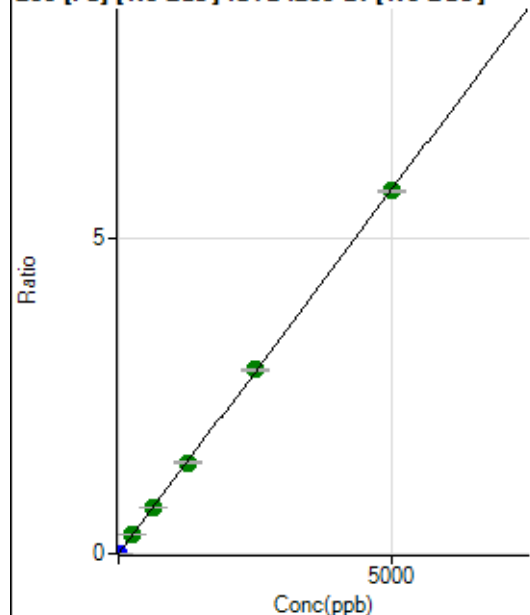
$$R = 1.0000$$

$$DL = 0.009758$$

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	1829.03	0.0002	P	1.8
2	☐	1.000	0.909	11761.83	0.0013	P	1.8
3	☐	250.000	254.265	2773258.43	0.2929	A	2.6
4	☐	625.000	624.670	6718626.50	0.7193	A	1.0
5	☐	1250.000	1249.669	13154603.83	1.4389	A	1.1
6	☐	2500.000	2528.008	26300747.94	2.9105	A	0.7
7	☐	5000.000	4985.907	51643684.23	5.7401	A	0.3
8	☐			15911.73	0.0019	P	10.9

$$y = 0.0012 * x + 2.0412E-004$$

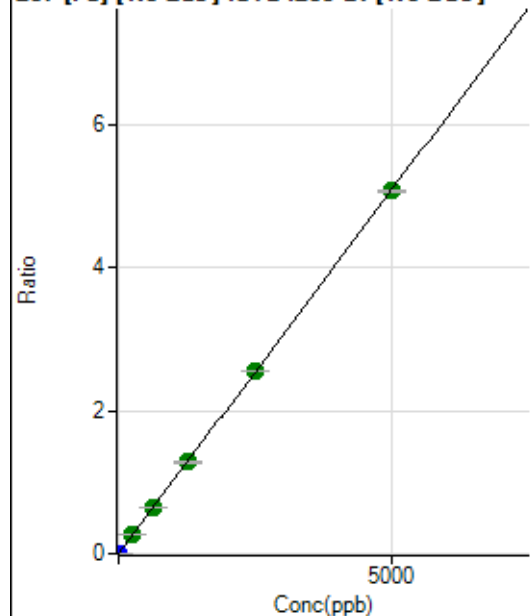
$$R = 1.0000$$

$$DL = 0.009589$$

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	1614.56	0.0002	P	8.4
2	☐	1.000	0.871	10032.68	0.0011	P	3.6
3	☐	250.000	254.715	2457122.57	0.2595	A	1.0
4	☐	625.000	630.822	5999762.55	0.6424	A	0.6
5	☐	1250.000	1261.103	11739301.77	1.2840	A	0.8
6	☐	2500.000	2513.148	23121331.32	2.5587	A	0.3
7	☐	5000.000	4989.687	45703068.76	5.0799	A	0.5
8	☐			14130.88	0.0017	P	12.6

$$y = 0.0010 * x + 1.8019E-004$$

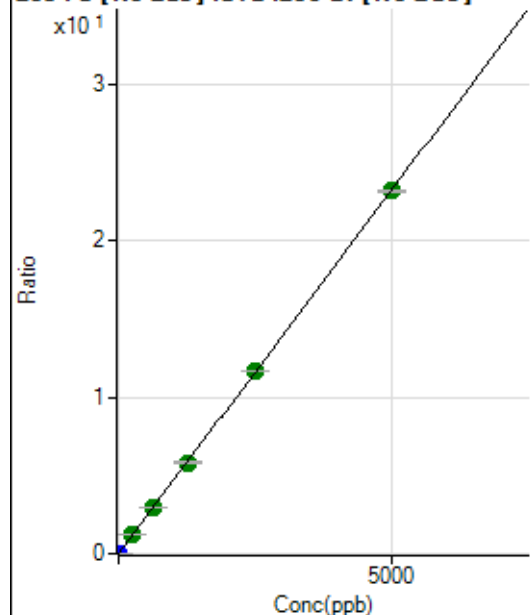
$$R = 1.0000$$

$$DL = 0.04463$$

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	7428.65	0.0008	P	1.1
2	☐	1.000	0.880	46262.20	0.0049	P	1.9
3	☐	250.000	253.041	11138625.78	1.1764	A	1.3
4	☐	625.000	625.437	27145676.19	2.9064	A	0.6
5	☐	1250.000	1252.367	53198862.12	5.8189	A	1.0
6	☐	2500.000	2514.541	105568321.76	11.6825	A	0.4
7	☐	5000.000	4991.931	208652800.22	23.1915	A	0.2
8	☐			63770.43	0.0078	P	11.2

$$y = 0.0046 * x + 8.2895E-004$$

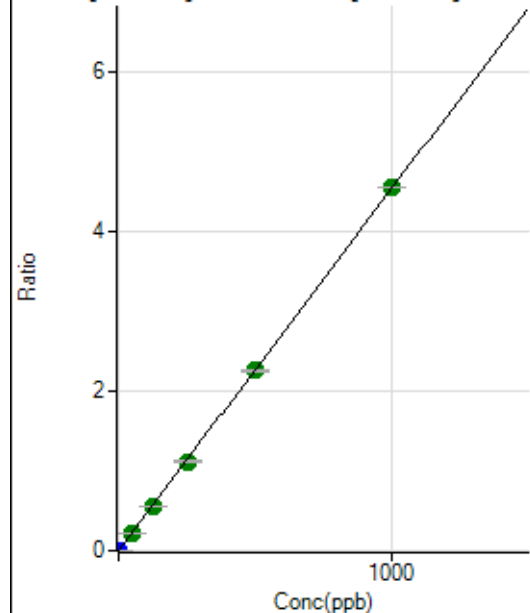
$$R = 1.0000$$

$$DL = 0.005695$$

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	704.47	0.0001	P	9.6
2	☐	1.000	0.893	38796.37	0.0041	P	2.8
3	☐	50.000	47.877	2054162.42	0.2170	A	1.7
4	☐	125.000	121.005	5120301.11	0.5482	A	1.1
5	☐	250.000	245.580	10170687.90	1.1125	A	2.4
6	☐	500.000	497.561	20368362.75	2.2540	A	0.8
7	☐	1000.000	1002.930	40875272.72	4.5432	A	0.2
8	☐			6079.29	0.0007	P	24.9

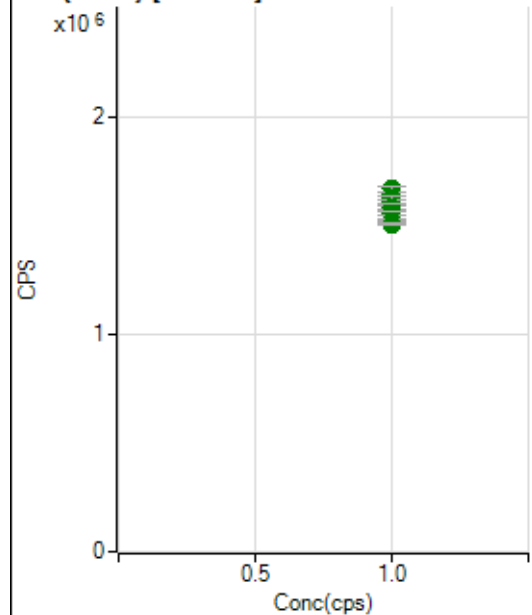
$$y = 0.0045 * x + 7.8639E-005$$

$$R = 1.0000$$

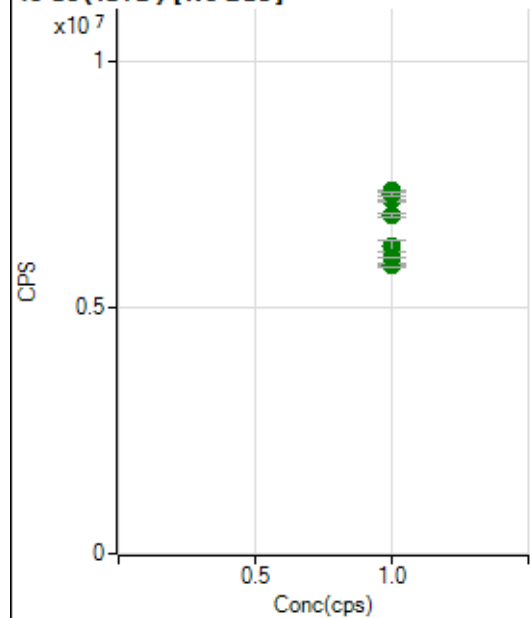
$$DL = 0.005017$$

Weight: <None>

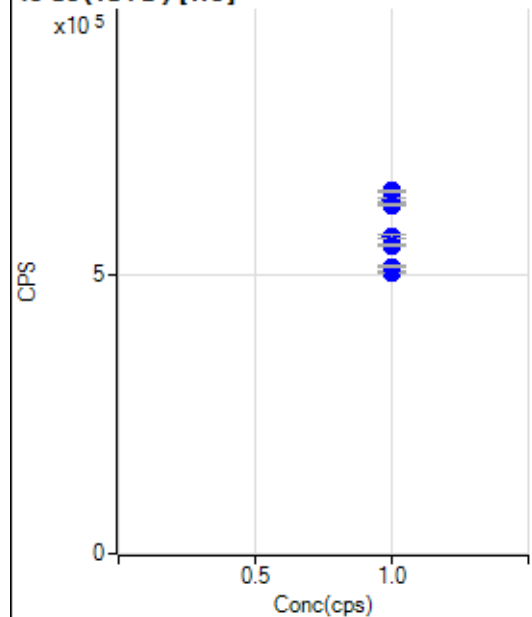
Min Conc: 0

6 Li (ISTD) [No Gas]

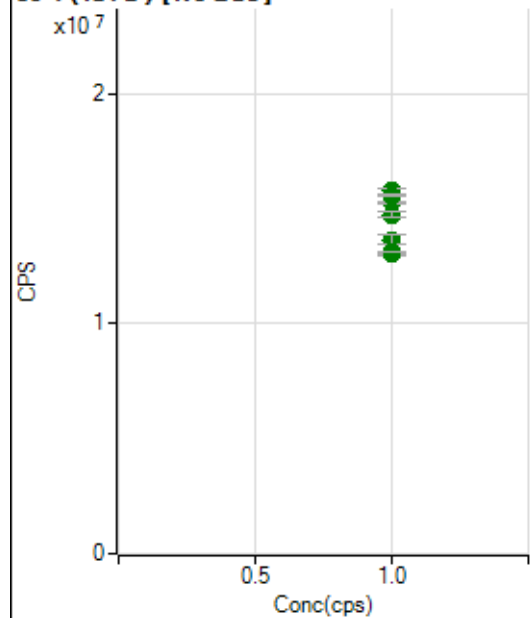
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1606285.70		A	2.0
2	☐	1.000		1643395.43		A	1.0
3	☐	1.000		1668012.63		A	1.3
4	☐	1.000		1627324.46		A	1.2
5	☐	1.000		1584786.28		A	1.9
6	☐	1.000		1557354.87		A	1.2
7	☐	1.000		1522105.81		A	0.8
8	☐	1.000		1506970.50		A	0.9

45 Sc (ISTD) [No Gas]

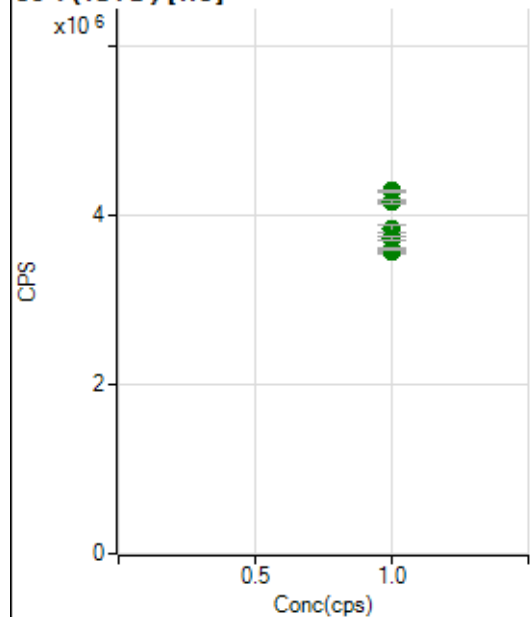
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7161476.28		A	0.4
2	☐	1.000		7356518.43		A	0.7
3	☐	1.000		7289171.84		A	1.2
4	☐	1.000		6861997.05		A	0.9
5	☐	1.000		6234300.67		A	3.9
6	☐	1.000		5868792.20		A	0.2
7	☐	1.000		5852638.73		A	0.9
8	☐	1.000		6002906.16		A	0.4

45 Sc (ISTD) [He]

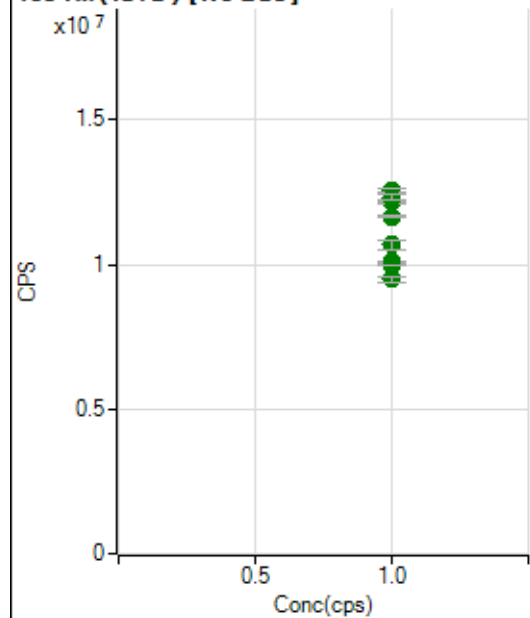
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		636500.49		P	0.7
2	☐	1.000		652756.60		P	0.7
3	☐	1.000		627171.91		P	0.8
4	☐	1.000		570692.49		P	0.8
5	☐	1.000		515590.77		P	0.5
6	☐	1.000		506405.71		P	0.6
7	☐	1.000		517221.23		P	0.4
8	☐	1.000		553979.44		P	0.7

89 Y (ISTD) [No Gas]

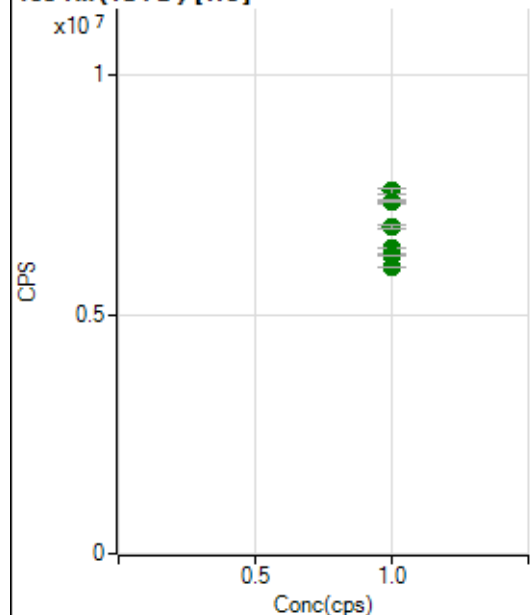
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15289700.05		A	0.5
2	☐	1.000		15770679.76		A	1.4
3	☐	1.000		15569844.21		A	0.7
4	☐	1.000		14724547.42		A	1.7
5	☐	1.000		13660880.07		A	3.0
6	☐	1.000		13015609.11		A	0.3
7	☐	1.000		13093353.14		A	0.6
8	☐	1.000		13122735.08		A	0.6

89 Y(ISTD) [He]

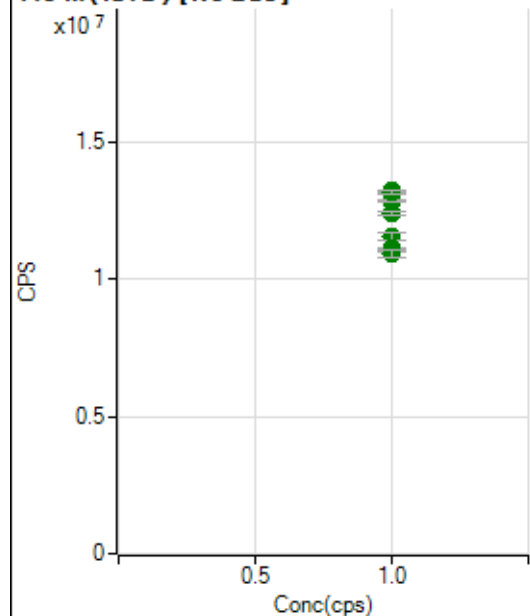
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4166465.11		A	0.9
2	☐	1.000		4286692.36		A	0.7
3	☐	1.000		4154162.54		A	0.7
4	☐	1.000		3839658.90		A	2.4
5	☐	1.000		3593520.47		A	1.5
6	☐	1.000		3556677.93		A	0.2
7	☐	1.000		3598818.63		A	1.1
8	☐	1.000		3726001.33		A	0.8

103 Rh(ISTD) [No Gas]

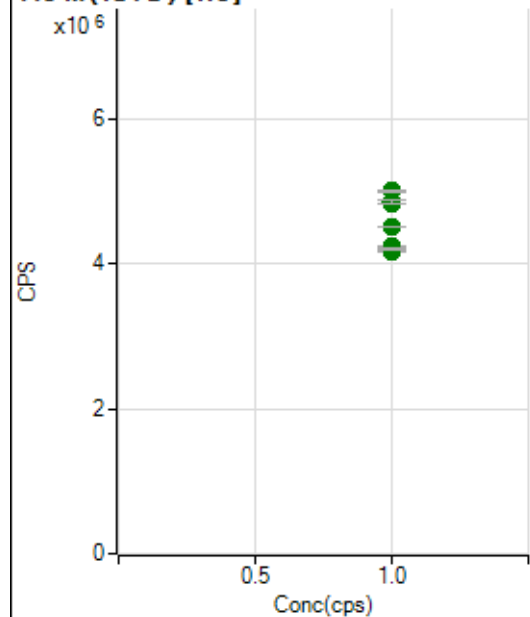
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		12148912.46		A	0.6
2	☐	1.000		12542990.23		A	1.0
3	☐	1.000		12322262.73		A	1.3
4	☐	1.000		11646523.02		A	0.7
5	☐	1.000		10699642.76		A	3.1
6	☐	1.000		10073865.06		A	0.3
7	☐	1.000		9963723.46		A	0.4
8	☐	1.000		9493008.75		A	1.8

103 Rh (ISTD) [He]

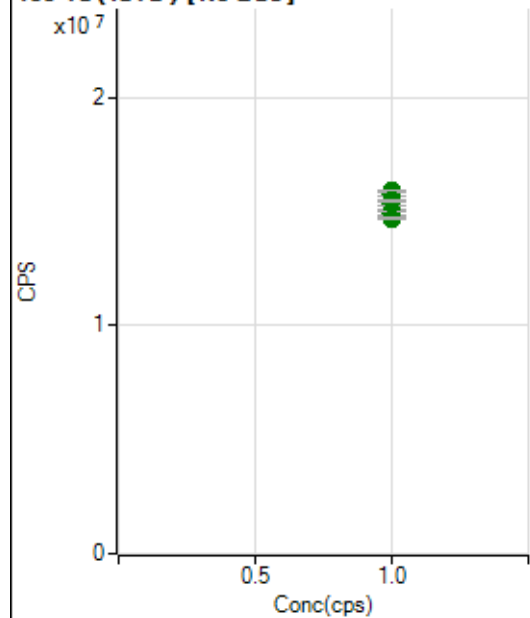
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7338868.71		A	0.7
2	☐	1.000		7586200.65		A	1.3
3	☐	1.000		7366197.95		A	0.7
4	☐	1.000		6836151.77		A	1.7
5	☐	1.000		6403164.56		A	0.2
6	☐	1.000		6248505.53		A	0.8
7	☐	1.000		6243066.43		A	0.2
8	☐	1.000		5992687.62		A	0.5

115 In (ISTD) [No Gas]

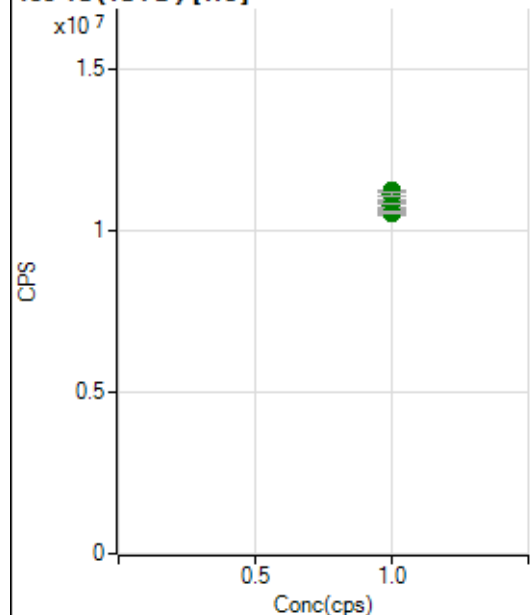
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		12867074.78		A	0.4
2	☐	1.000		13231103.23		A	0.7
3	☐	1.000		13199038.58		A	1.0
4	☐	1.000		12439149.02		A	1.2
5	☐	1.000		11587599.40		A	2.4
6	☐	1.000		11161624.58		A	0.3
7	☐	1.000		11039326.48		A	0.4
8	☐	1.000		10949802.06		A	2.3

115 In (ISTD) [He]

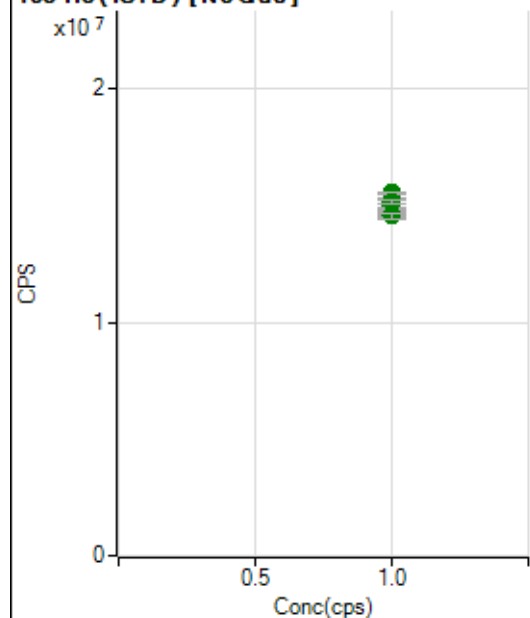
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4835980.14		A	0.3
2	☐	1.000		5006598.20		A	0.7
3	☐	1.000		4855632.33		A	0.6
4	☐	1.000		4521787.83		A	0.1
5	☐	1.000		4236602.23		A	0.8
6	☐	1.000		4187801.01		A	0.8
7	☐	1.000		4168501.56		A	0.5
8	☐	1.000		4207442.83		A	0.9

159 Tb (ISTD) [No Gas]

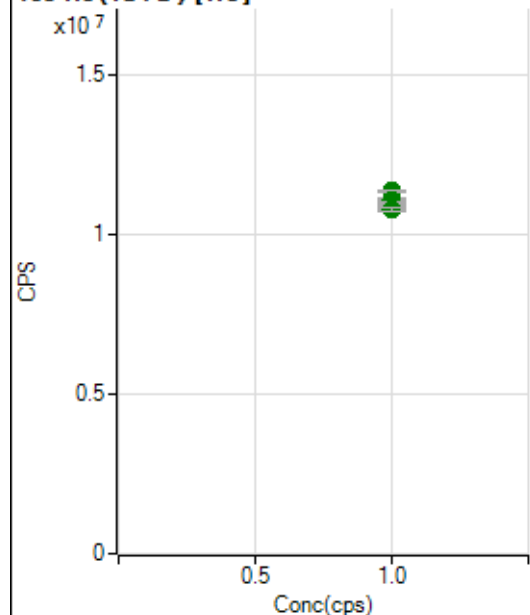
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		15386161.44		A	1.2
2	☐	1.000		15763597.96		A	0.9
3	☐	1.000		15918495.87		A	0.5
4	☐	1.000		15486080.05		A	0.5
5	☐	1.000		14995318.39		A	1.8
6	☐	1.000		14704143.25		A	0.2
7	☐	1.000		14912392.69		A	0.9
8	☐	1.000		14711047.00		A	0.8

159 Tb (ISTD) [He]

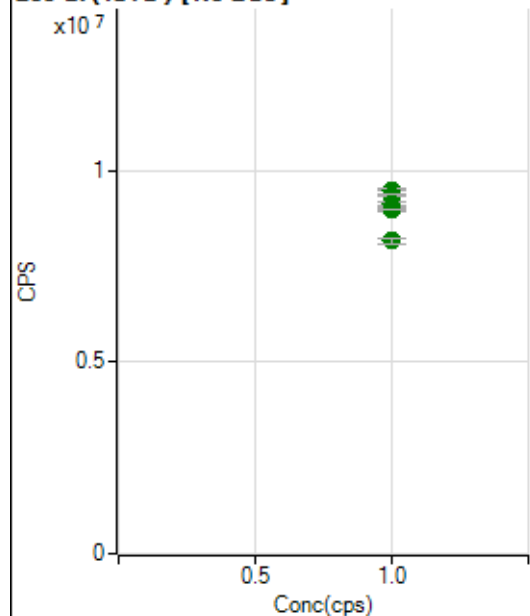
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10942515.67		A	0.5
2	☐	1.000		11225685.39		A	0.8
3	☐	1.000		11137834.14		A	1.2
4	☐	1.000		10762957.48		A	0.9
5	☐	1.000		10559915.54		A	1.7
6	☐	1.000		10613987.20		A	0.6
7	☐	1.000		10748937.34		A	1.2
8	☐	1.000		10542853.53		A	0.7

165 Ho (ISTD) [No Gas]

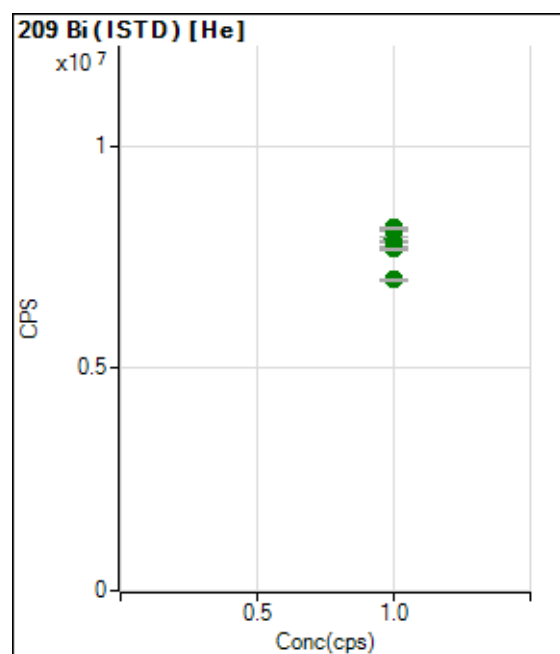
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15024007.83		A	1.1
2	☐	1.000		15308192.41		A	0.4
3	☐	1.000		15534374.77		A	0.7
4	☐	1.000		15170246.30		A	1.3
5	☐	1.000		14598394.23		A	1.7
6	☐	1.000		14599086.87		A	0.2
7	☐	1.000		14689451.87		A	1.3
8	☐	1.000		14538396.73		A	1.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11017911.92		A	0.8
2	☐	1.000		11318910.11		A	0.1
3	☐	1.000		11365652.61		A	0.4
4	☐	1.000		11085559.97		A	1.0
5	☐	1.000		10822369.70		A	1.0
6	☐	1.000		10873172.89		A	1.0
7	☐	1.000		10996713.86		A	0.9
8	☐	1.000		10798484.01		A	1.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8961882.99		A	1.1
2	☐	1.000		9410229.03		A	2.0
3	☐	1.000		9469931.66		A	1.7
4	☐	1.000		9340036.94		A	0.6
5	☐	1.000		9143134.66		A	1.2
6	☐	1.000		9036549.45		A	0.4
7	☐	1.000		8996958.20		A	0.2
8	☐	1.000		8158151.27		A	1.5



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7838638.43		A	0.5
2	☐	1.000		8117172.38		A	0.9
3	☐	1.000		8162667.52		A	0.9
4	☐	1.000		7927706.89		A	1.0
5	☐	1.000		7829807.18		A	0.3
6	☐	1.000		7739948.01		A	0.5
7	☐	1.000		7685219.40		A	0.3
8	☐	1.000		7005568.85		A	0.7