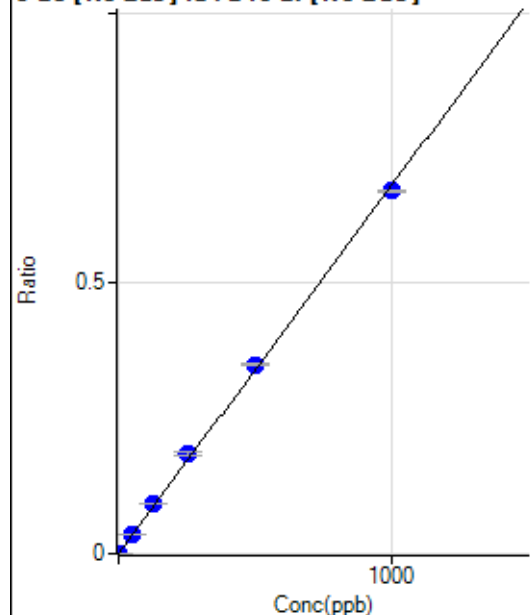


Batch Folder: D:\ICP-MS Data\P7102918-MS.b\
Analysis File: P7102918-MS.batch.bin
DA Date-Time: 2018-10-29 14:32:27
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-10-29 12:27:58
2			
3	005CALS.d	S02	2018-10-29 12:36:15
4	006CALS.d	S03	2018-10-29 12:40:10
5	007CALS.d	S04	2018-10-29 12:44:19
6	008CALS.d	S05	2018-10-29 12:48:06
7	009CALS.d	S06	2018-10-29 12:51:51
8	010CALS.d	S07	2018-10-29 12:55:36
9	011CALS.d	S08	2018-10-29 12:59:21

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	20.37	0.0000	P	42.
2	☐	0.100					
3	☐	1.000	1.087	4680.47	0.0007	P	3.8
4	☐	50.000	54.105	231613.68	0.0368	P	0.9
5	☐	125.000	136.549	569529.30	0.0930	P	0.4
6	☐	250.000	270.886	1059302.45	0.1844	P	3.1
7	☐	500.000	514.613	1959499.05	0.3503	P	0.4
8	☐	1000.000	985.823	3676735.03	0.6711	P	0.7
9	☐			468.54	0.0001	P	3.6

$$y = 6.8079\text{E-}004 * x + 3.2023\text{E-}006$$

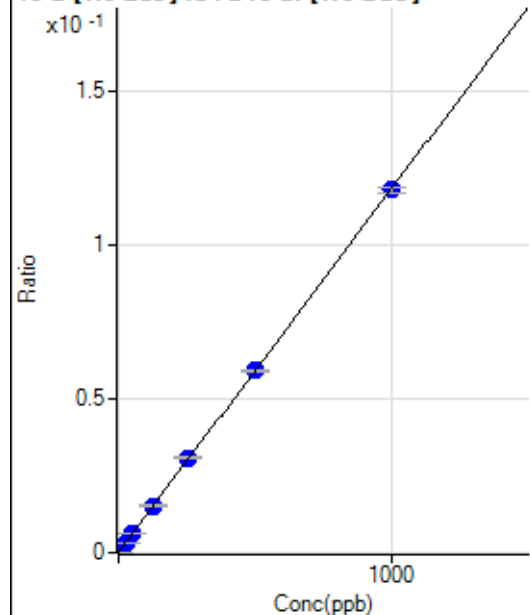
$$R = 0.9996$$

$$DL = 0.005967$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1033.42	0.0002	P	7.9
2	☐	2.500					
3	☐	25.000	24.469	19262.86	0.0031	P	2.4
4	☐	50.000	50.772	38803.66	0.0062	P	2.5
5	☐	125.000	127.197	93218.16	0.0152	P	2.1
6	☐	250.000	259.938	177678.77	0.0309	P	1.7
7	☐	500.000	500.509	332239.52	0.0594	P	1.2
8	☐	1000.000	996.961	647265.49	0.1182	P	1.6
9	☐			13267.47	0.0026	P	9.3

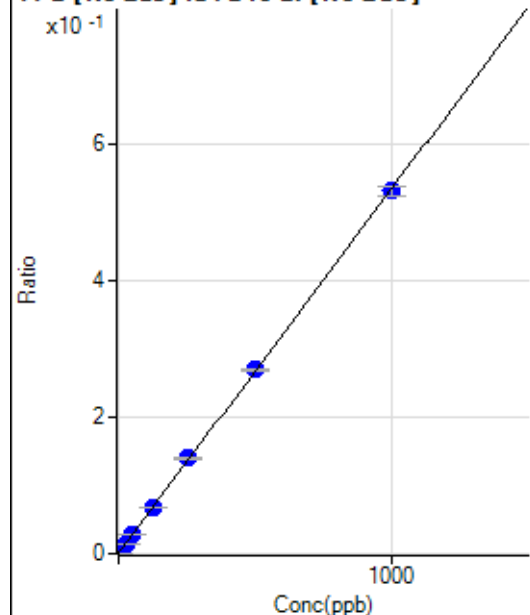
$$y = 1.1836\text{E-}004 * x + 1.6212\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.3264$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4292.45	0.0007	P	6.4
2	☐	2.500					
3	☐	25.000	24.948	88078.81	0.0140	P	1.5
4	☐	50.000	49.871	171504.52	0.0273	P	1.1
5	☐	125.000	126.692	418166.80	0.0683	P	1.2
6	☐	250.000	261.762	806132.11	0.1403	P	1.7
7	☐	500.000	504.367	1508690.76	0.2697	P	1.0
8	☐	1000.000	994.672	2910217.77	0.5313	P	2.4
9	☐			59586.13	0.0117	P	10.

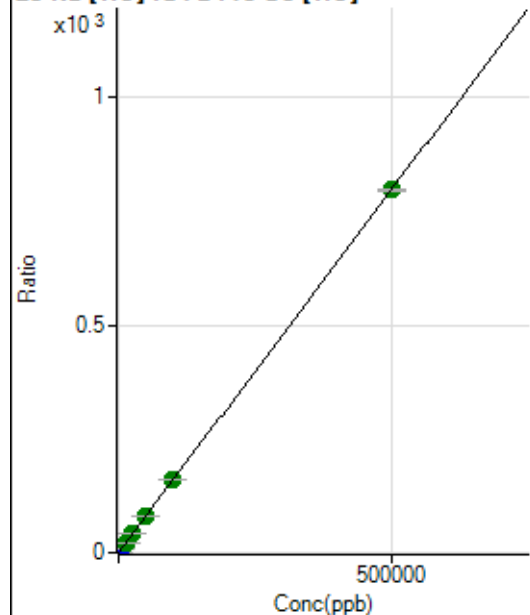
$$y = 5.3346\text{E-}004 * x + 6.7352\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.2418$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	23137.98	0.0524	P	2.7
2	☐	50.000					
3	☐	500.000	515.455	386956.05	0.8748	P	0.7
4	☐	5000.000	4986.723	3537477.73	8.0089	P	1.5
5	☐	12500.000	12561.493	8563725.19	20.0947	A	0.8
6	☐	25000.000	25263.781	16164954.53	40.3617	A	0.3
7	☐	50000.000	50710.456	30922226.39	80.9629	A	0.6
8	☐	100000.00	100526.52	62584276.40	160.4465	A	1.9
9	☐	500000.00	499809.04	324823393.3	797.5176	A	0.3

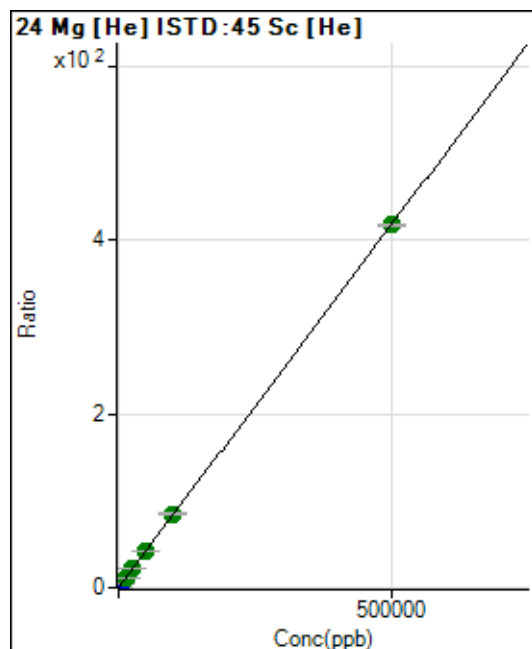
$$y = 0.0016 * x + 0.0524$$

$$R = 1.0000$$

$$DL = 2.704$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	147.23	0.0003	P	7.9
2	☐	50.000					
3	☐	500.000	521.478	193040.20	0.4364	P	0.3
4	☐	5000.000	5085.908	1878732.05	4.2534	P	1.3
5	☐	12500.000	12780.406	4554853.92	10.6879	A	0.7
6	☐	25000.000	25656.307	8592842.99	21.4553	A	0.5
7	☐	50000.000	51321.023	16391541.51	42.9172	A	0.5
8	☐	100000.00	101011.61	32947186.50	84.4707	A	2.2
9	☐	500000.00	499624.86	170168677.4	417.8084	A	0.3

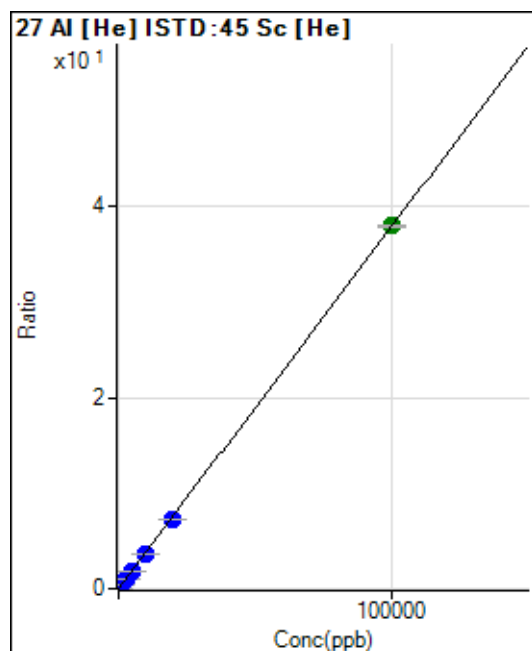
$$y = 8.3624\text{E-}004 * x + 3.3302\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.09401$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	61.11	0.0001	P	27.
2	☐	2.000					
3	☐	20.000	20.399	3483.88	0.0079	P	4.0
4	☐	1000.000	973.639	163191.76	0.3694	P	0.6
5	☐	2500.000	2459.664	397647.74	0.9331	P	0.5
6	☐	5000.000	4893.590	743422.54	1.8562	P	0.7
7	☐	10000.000	9770.049	1415394.05	3.7059	P	0.6
8	☐	20000.000	19111.318	2827605.08	7.2489	P	1.7
9	☐	100000.00	100207.32	15479936.98	38.0081	A	0.4

$$y = 3.7929\text{E-}004 * x + 1.3809\text{E-}004$$

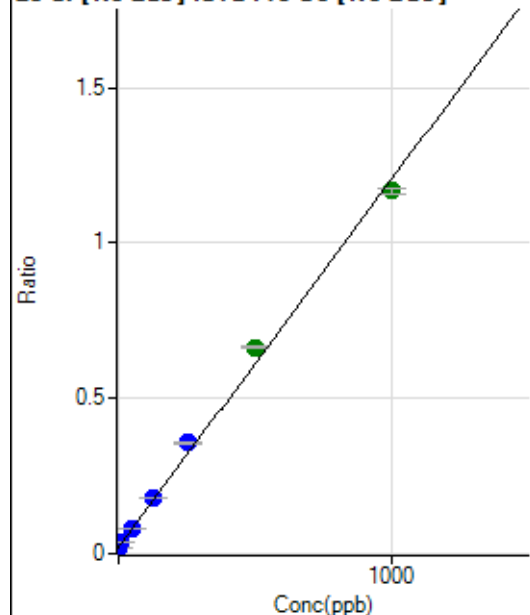
$$R = 1.0000$$

$$DL = 0.3027$$

Weight: <None>

Min Conc: 0

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	206026.60	0.0205	P	1.1
2	☐	1.000					
3	☐	10.000	13.933	361671.08	0.0370	P	0.3
4	☐	50.000	51.956	797587.21	0.0820	P	1.5
5	☐	125.000	134.017	1694986.08	0.1791	P	1.4
6	☐	250.000	283.521	3085410.55	0.3560	P	2.2
7	☐	500.000	542.779	5612930.72	0.6628	A	0.9
8	☐	1000.000	968.966	9831372.61	1.1671	A	1.4
9	☐			618628.93	0.0729	P	2.1

$$y = 0.0012 * x + 0.0205$$

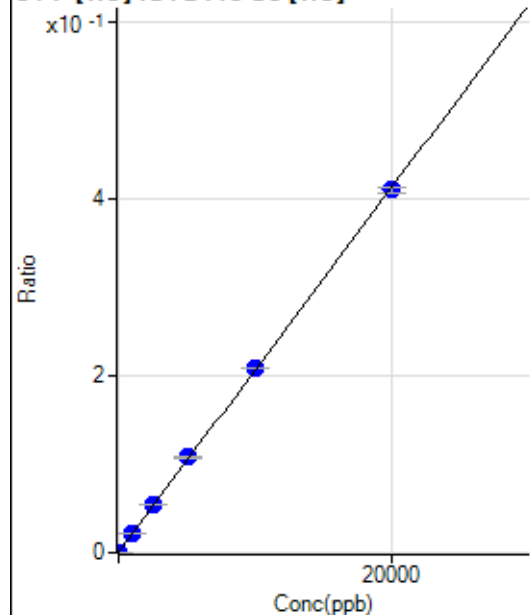
$$R = 0.9979$$

$$DL = 0.5638$$

Weight: <None>

Min Conc: 0

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-2.727	244.46	0.0006	P	7.0
2	☐	0.000					
3	☐	0.000	2.727	294.46	0.0007	P	15.
4	☐	1000.000	1012.248	9486.71	0.0215	P	5.9
5	☐	2500.000	2580.339	22915.62	0.0538	P	0.9
6	☐	5000.000	5198.732	43141.11	0.1077	P	1.2
7	☐	10000.000	10122.289	79885.88	0.2092	P	0.1
8	☐	20000.000	19878.517	159990.67	0.4102	P	1.9
9	☐			363.91	0.0009	P	16.

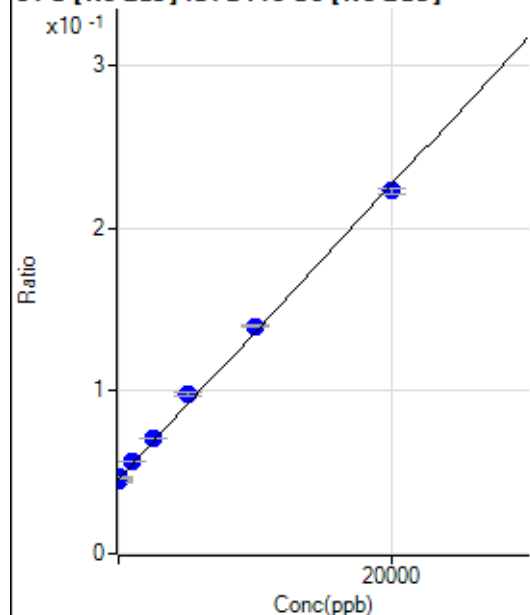
$$y = 2.0603E-005 * x + 6.0932E-004$$

$$R = 0.9999$$

$$DL = 10.21$$

Weight: <None>

Min Conc: 0

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

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-145.769	446851.34	0.0445	P	1.3
2	☐	0.000					
3	☐	0.000	145.769	460554.31	0.0471	P	2.6
4	☐	1000.000	1200.991	551210.36	0.0567	P	0.5
5	☐	2500.000	2812.732	674296.29	0.0712	P	0.3
6	☐	5000.000	5752.007	847840.87	0.0978	P	2.8
7	☐	10000.000	10393.082	1184117.62	0.1398	P	0.4
8	☐	20000.000	19566.316	1877043.53	0.2228	P	1.6
9	☐			411401.38	0.0485	P	1.3

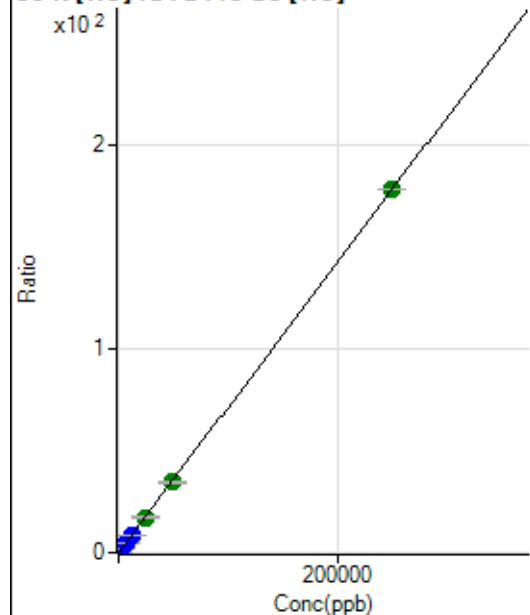
$$y = 9.0476\text{E-}006 * x + 0.0458$$

$$R = 0.9988$$

$$DL = 301.1$$

Weight: <None>

Min Conc: 0

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

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	23627.95	0.0535	P	1.6
2	☐	50.000					
3	☐	500.000	513.097	185167.11	0.4186	P	1.1
4	☐	2500.000	2476.420	802000.38	1.8158	P	1.6
5	☐	6250.000	6167.235	1893149.02	4.4423	P	0.6
6	☐	12500.000	12245.960	3511640.61	8.7681	P	0.3
7	☐	25000.000	24409.996	6654822.24	17.4243	A	0.8
8	☐	50000.000	48563.778	13501477.56	34.6129	A	1.8
9	☐	250000.00	250361.22	72586191.90	178.2180	A	0.1

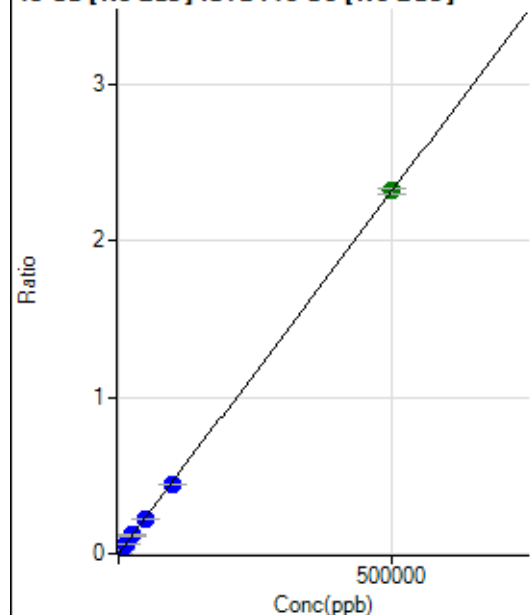
$$y = 7.1163\text{E-}004 * x + 0.0535$$

$$R = 1.0000$$

$$DL = 3.573$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	158.34	0.0000	P	21.
2	☐	50.000					
3	☐	500.000	481.780	21939.32	0.0022	P	3.4
4	☐	5000.000	4872.946	219378.03	0.0225	P	0.2
5	☐	12500.000	12272.639	537304.30	0.0568	P	0.6
6	☐	25000.000	25306.496	1014264.37	0.1170	P	2.8
7	☐	50000.000	48389.810	1895089.80	0.2238	P	0.4
8	☐	100000.00	95596.702	3724026.60	0.4421	P	1.4
9	☐	500000.00	501033.32	19648464.85	2.3169	A	1.4

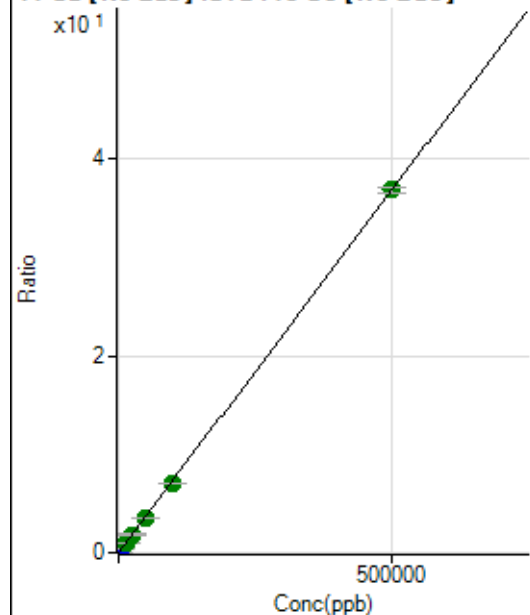
$$y = 4.6241\text{E-}006 * x + 1.5768\text{E-}005$$

$$R = 1.0000$$

$$DL = 2.201$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7519.11	0.0007	P	0.9
2	☐	50.000					
3	☐	500.000	489.998	359717.26	0.0368	P	0.7
4	☐	5000.000	4869.399	3491914.23	0.3589	P	0.5
5	☐	12500.000	12093.895	8427201.92	0.8903	A	0.4
6	☐	25000.000	24979.671	15928527.79	1.8381	A	3.4
7	☐	50000.000	48332.692	30113547.55	3.5559	A	0.6
8	☐	100000.00	96173.280	59601028.42	7.0749	A	0.9
9	☐	500000.00	500944.56	312496448.6	36.8482	A	1.5

$$y = 7.3556\text{E-}005 * x + 7.4831\text{E-}004$$

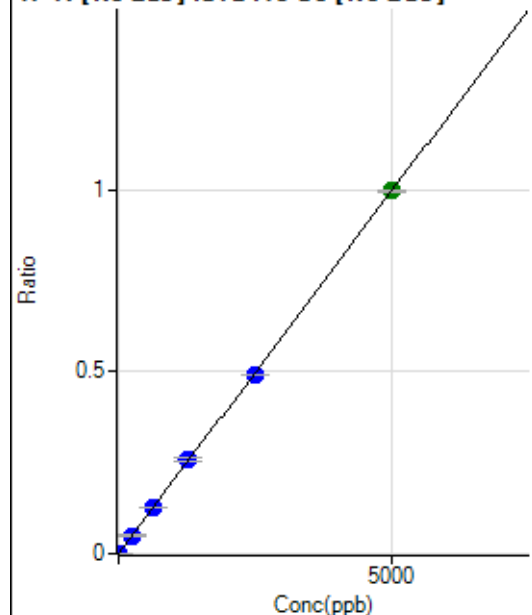
$$R = 1.0000$$

$$DL = 0.2713$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	69.45	0.0000	P	13.
2	☐	0.500					
3	☐	5.000	5.052	9912.02	0.0010	P	1.3
4	☐	250.000	251.564	487858.48	0.0501	P	0.6
5	☐	625.000	633.578	1195319.24	0.1263	P	0.6
6	☐	1250.000	1297.261	2240604.89	0.2586	P	3.2
7	☐	2500.000	2466.574	4163409.95	0.4916	P	0.4
8	☐	5000.000	5003.747	8401566.07	0.9973	A	0.6
9	☐			3681.17	0.0004	P	3.7

$$y = 1.9931E-004 * x + 6.9077E-006$$

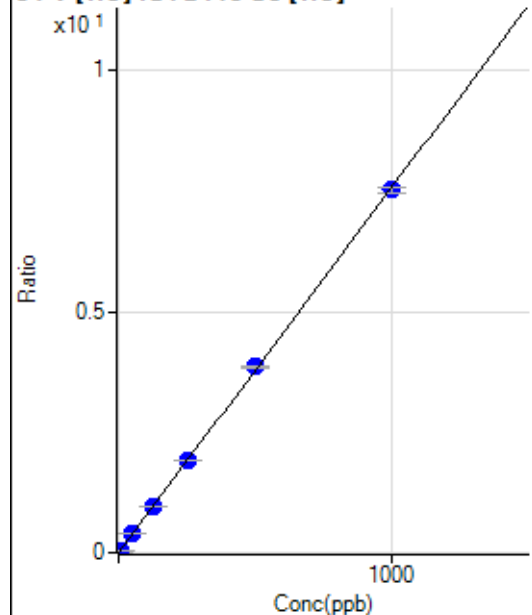
$$R = 0.9999$$

$$DL = 0.01387$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.
2	☐	0.500					
3	☐	5.000	5.105	17106.75	0.0387	P	1.9
4	☐	50.000	50.679	169541.69	0.3838	P	1.3
5	☐	125.000	127.658	412039.65	0.9669	P	0.5
6	☐	250.000	254.202	771078.34	1.9253	P	0.2
7	☐	500.000	508.877	1471961.94	3.8541	P	1.3
8	☐	1000.000	994.144	2936990.86	7.5294	P	1.7
9	☐			1368.98	0.0034	P	4.8

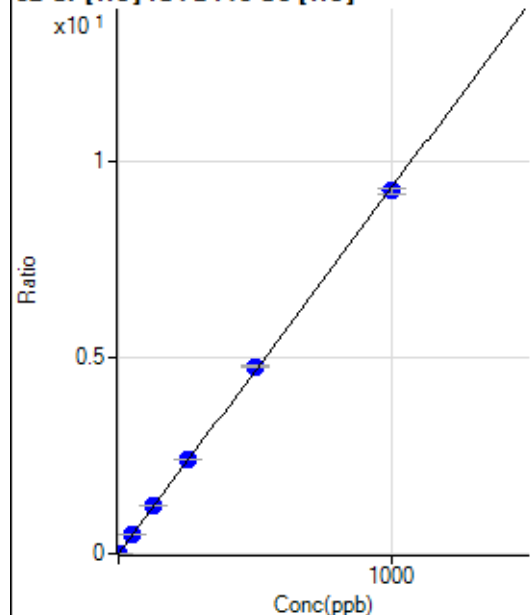
$$y = 0.0076 * x + 5.0029E-006$$

$$R = 0.9999$$

$$DL = 0.001716$$

Weight: <None>

Min Conc: 0

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

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	428.90	0.0010	P	7.0
2	☐	0.200					
3	☐	2.000	2.338	10088.04	0.0228	P	1.5
4	☐	50.000	51.321	212154.43	0.4803	P	1.8
5	☐	125.000	129.530	516021.29	1.2108	P	0.3
6	☐	250.000	257.147	962347.33	2.4028	P	0.3
7	☐	500.000	511.672	1825682.75	4.7802	P	1.1
8	☐	1000.000	991.744	3613786.37	9.2643	P	1.6
9	☐			176061.16	0.4323	P	0.1

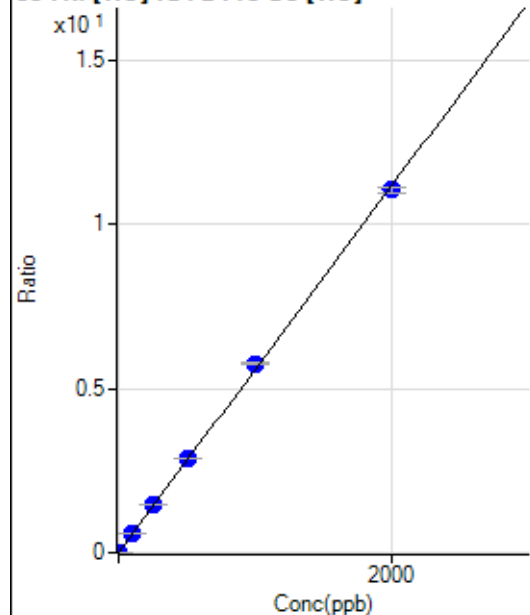
$$y = 0.0093 * x + 9.7036E-004$$

$$R = 0.9999$$

$$DL = 0.0218$$

Weight: <None>

Min Conc: 0

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

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	50.00	0.0001	P	16.
2	☐	0.100					
3	☐	1.000	1.108	2786.98	0.0063	P	1.5
4	☐	100.000	103.994	256625.57	0.5810	P	1.9
5	☐	250.000	260.483	620152.08	1.4552	P	0.4
6	☐	500.000	517.422	1157624.52	2.8904	P	0.2
7	☐	1000.000	1030.188	2197908.33	5.7548	P	1.0
8	☐	2000.000	1979.040	4312381.32	11.0551	P	1.7
9	☐			31279.01	0.0768	P	0.6

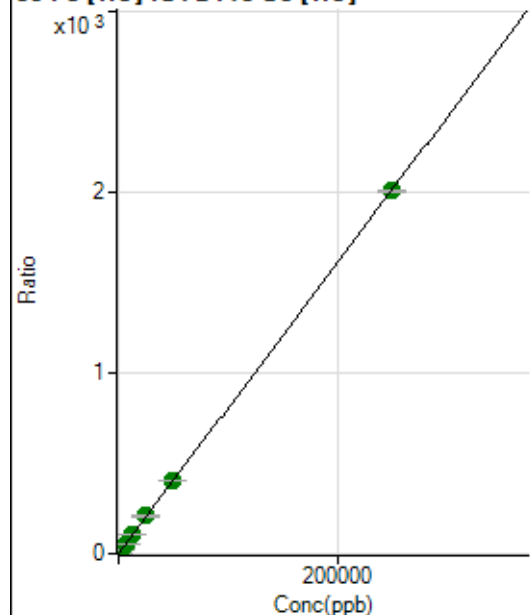
$$y = 0.0056 * x + 1.1304E-004$$

$$R = 0.9998$$

$$DL = 0.01028$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5469.69	0.0124	P	2.6
2	☐	5.000					
3	☐	50.000	53.656	195935.68	0.4430	P	0.6
4	☐	2500.000	2569.371	9112528.91	20.6316	A	1.8
5	☐	6250.000	6485.111	22184102.12	52.0554	A	0.8
6	☐	12500.000	12961.023	41661830.10	104.0245	A	0.5
7	☐	25000.000	25864.676	79278460.11	207.5762	A	1.0
8	☐	50000.000	50329.786	157542753.5	403.9086	A	2.3
9	☐	250000.00	249817.95	816523921.9	2,004.799	A	0.2

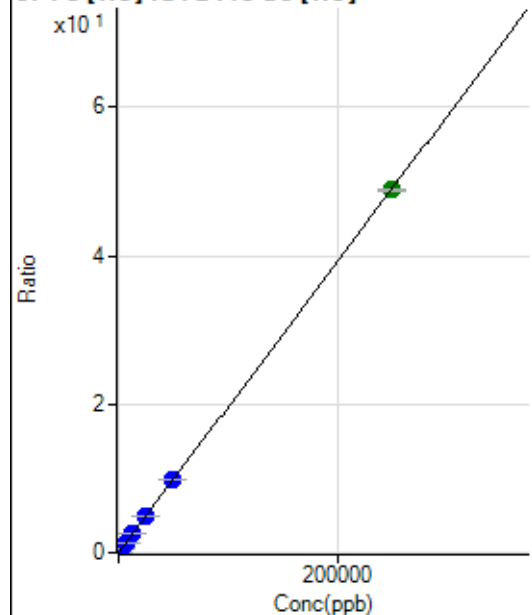
$$y = 0.0080 * x + 0.0124$$

$$R = 1.0000$$

$$DL = 0.1217$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	159.27	0.0004	P	9.2
2	☐	5.000					
3	☐	50.000	56.167	5019.51	0.0113	P	5.3
4	☐	2500.000	2611.822	225799.14	0.5112	P	2.0
5	☐	6250.000	6524.026	543997.28	1.2765	P	0.4
6	☐	12500.000	13062.785	1023463.66	2.5555	P	0.5
7	☐	25000.000	25661.210	1917218.72	5.0198	P	0.8
8	☐	50000.000	50497.791	3853089.21	9.8779	P	1.8
9	☐	250000.00	249798.21	19901124.98	48.8617	A	0.2

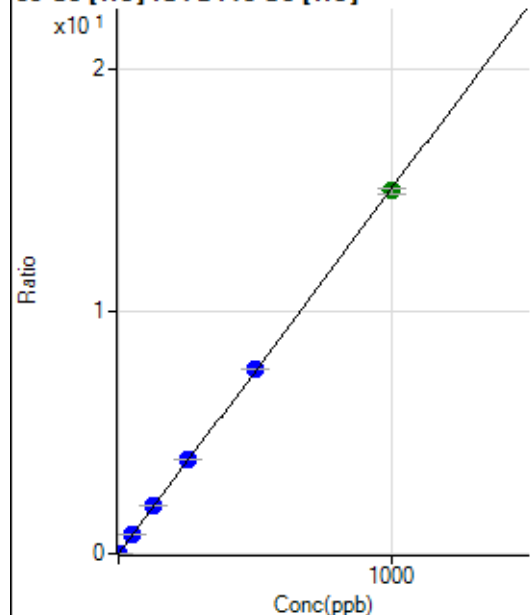
$$y = 1.9560E-004 * x + 3.6048E-004$$

$$R = 1.0000$$

$$DL = 0.5081$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	55.55	0.0001	P	13.
2	☐	0.100					
3	☐	1.000	1.087	7299.70	0.0165	P	1.2
4	☐	50.000	52.516	349524.65	0.7913	P	1.5
5	☐	125.000	130.199	836017.92	1.9617	P	0.5
6	☐	250.000	257.323	1552711.61	3.8770	P	0.4
7	☐	500.000	505.982	2911563.81	7.6232	P	0.7
8	☐	1000.000	994.402	5843896.02	14.9818	A	1.8
9	☐			76121.74	0.1869	P	0.7

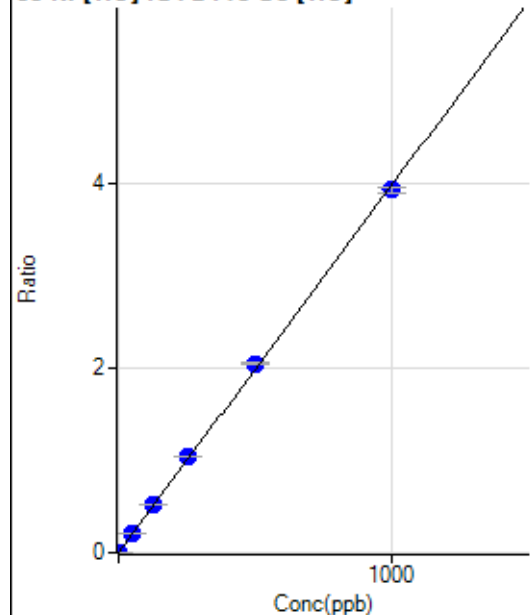
$$y = 0.0151 * x + 1.2578E-004$$

$$R = 0.9999$$

$$DL = 0.003295$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	101.11	0.0002	P	8.9
2	☐	0.100					
3	☐	1.000	1.219	2241.32	0.0051	P	4.4
4	☐	50.000	53.243	93417.50	0.2115	P	1.7
5	☐	125.000	132.460	224093.32	0.5258	P	0.4
6	☐	250.000	261.536	415717.11	1.0380	P	0.6
7	☐	500.000	515.769	781740.99	2.0468	P	0.7
8	☐	1000.000	988.137	1529553.94	3.9212	P	1.8
9	☐			58973.65	0.1448	P	1.2

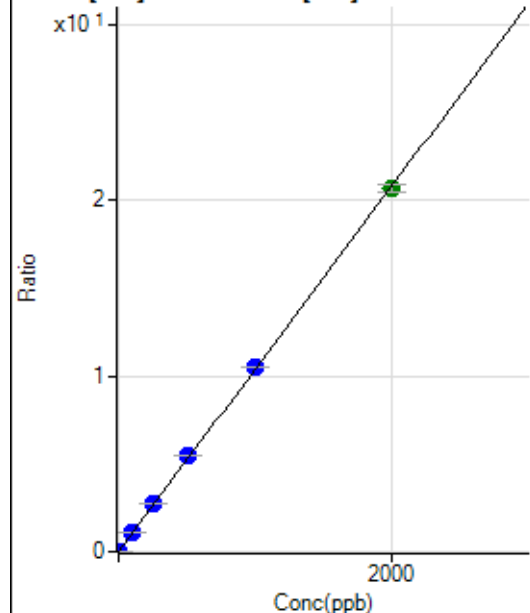
$$y = 0.0040 * x + 2.2888E-004$$

$$R = 0.9997$$

$$DL = 0.01533$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	501.13	0.0011	P	12.
2	☐	0.200					
3	☐	2.000	2.267	10919.77	0.0247	P	1.0
4	☐	100.000	107.227	492419.47	1.1149	P	2.3
5	☐	250.000	265.994	1177972.43	2.7641	P	0.3
6	☐	500.000	524.276	2181469.55	5.4469	P	0.5
7	☐	1000.000	1010.034	4007469.98	10.4926	P	0.6
8	☐	2000.000	1986.553	8049061.06	20.6360	A	2.1
9	☐			19577.72	0.0481	P	0.9

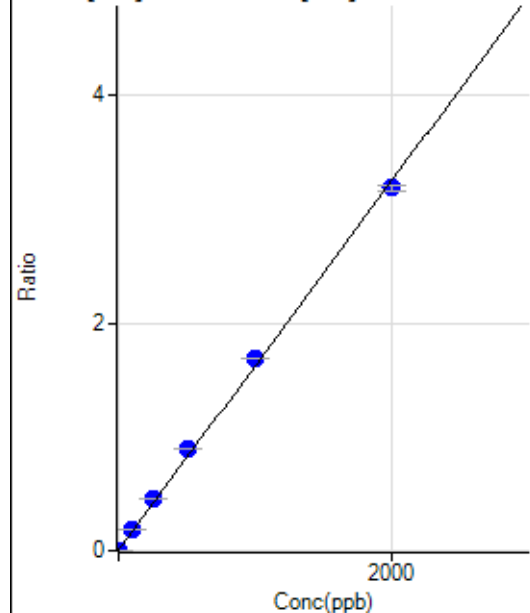
$$y = 0.0104 * x + 0.0011$$

$$R = 0.9999$$

$$DL = 0.04146$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1467.88	0.0033	P	2.7
2	☐	0.200					
3	☐	2.000	2.548	3297.08	0.0075	P	0.5
4	☐	100.000	112.791	82259.00	0.1862	P	2.1
5	☐	250.000	278.592	193964.88	0.4551	P	0.9
6	☐	500.000	547.026	356638.28	0.8905	P	0.5
7	☐	1000.000	1040.835	645993.53	1.6914	P	0.6
8	☐	2000.000	1963.612	1243607.82	3.1879	P	1.3
9	☐			9801.21	0.0241	P	2.2

$$y = 0.0016 * x + 0.0033$$

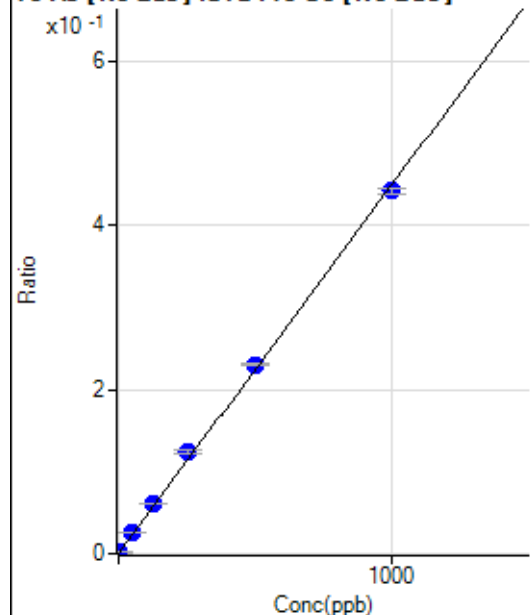
$$R = 0.9993$$

$$DL = 0.1679$$

Weight: <None>

Min Conc: 0

75 As [No Gas] ISTD:45 Sc [No Gas]



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1750.05	0.0002	P	8.1
2	☐	0.100					
3	☐	1.000	2.570	12987.03	0.0013	P	4.3
4	☐	50.000	54.690	240647.45	0.0247	P	0.4
5	☐	125.000	137.261	585123.65	0.0618	P	0.3
6	☐	250.000	276.298	1076813.58	0.1243	P	3.1
7	☐	500.000	513.912	1956045.18	0.2310	P	0.5
8	☐	1000.000	984.701	3726847.56	0.4424	P	1.4
9	☐			6520.15	0.0008	P	5.9

$$y = 4.4910\text{E-}004 * x + 1.7421\text{E-}004$$

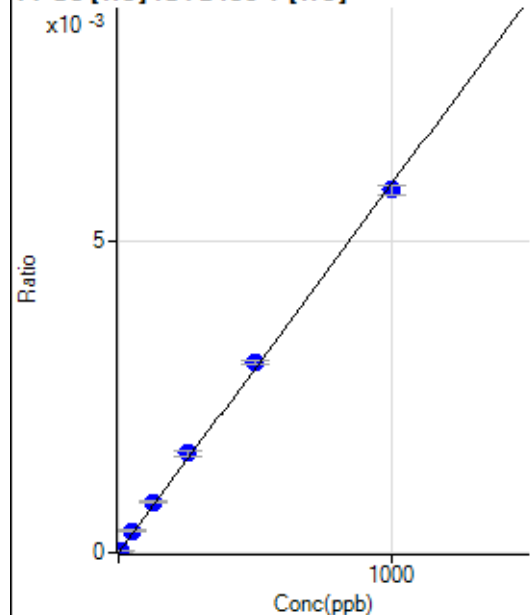
$$R = 0.9995$$

$$DL = 0.09371$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.
2	☐	0.500					
3	☐	5.000	7.006	92.23	0.0000	P	15.
4	☐	50.000	58.383	751.14	0.0003	P	9.1
5	☐	125.000	137.991	1702.35	0.0008	P	3.5
6	☐	250.000	270.653	3141.50	0.0016	P	5.7
7	☐	500.000	516.946	5733.44	0.0030	P	2.7
8	☐	1000.000	984.311	11123.32	0.0058	P	2.7
9	☐			7.78	0.0000	P	49.

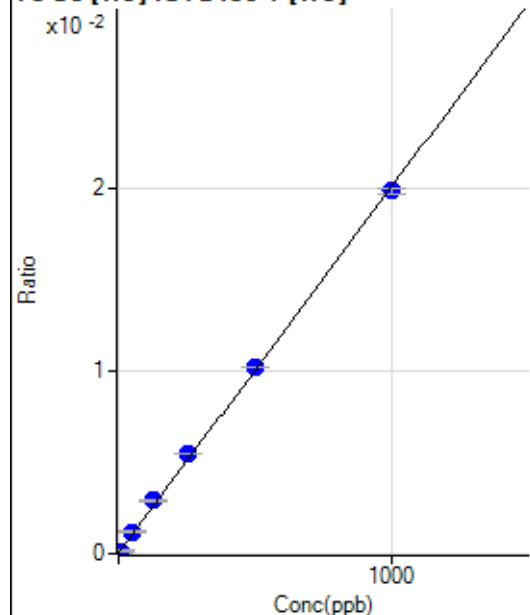
$$y = 5.8978\text{E-}006 * x + 1.0301\text{E-}006$$

$$R = 0.9995$$

$$DL = 0.4538$$

Weight: <None>

Min Conc: 0

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

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	75.31	0.0000	P	20.
2	☐	0.500					
3	☐	5.000	6.034	339.52	0.0002	P	5.4
4	☐	50.000	57.430	2580.50	0.0012	P	4.3
5	☐	125.000	143.076	6075.40	0.0029	P	1.0
6	☐	250.000	270.402	10746.65	0.0055	P	0.9
7	☐	500.000	506.728	19192.99	0.0102	P	0.1
8	☐	1000.000	988.899	38115.32	0.0199	P	1.8
9	☐			79.01	0.0000	P	10.

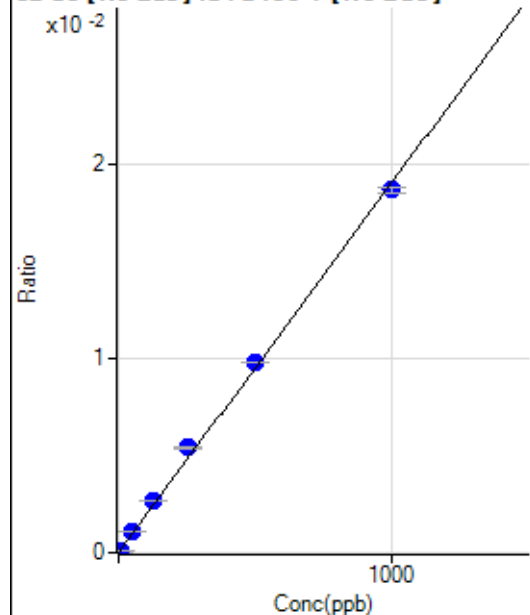
$$y = 2.0081\text{E-}005 * x + 3.4820\text{E-}005$$

$$R = 0.9997$$

$$DL = 1.05$$

Weight: <None>

Min Conc: 0

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

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	57.86	0.0000	P	18.
2	☐	0.500					
3	☐	5.000	5.701	1651.06	0.0001	P	5.8
4	☐	50.000	56.905	15839.15	0.0011	P	1.3
5	☐	125.000	141.247	38160.23	0.0027	P	0.7
6	☐	250.000	283.683	70456.90	0.0054	P	3.1
7	☐	500.000	515.085	125874.09	0.0098	P	0.9
8	☐	1000.000	981.657	240125.35	0.0186	P	1.4
9	☐			275.48	0.0000	P	27.

$$y = 1.8982\text{E-}005 * x + 3.7972\text{E-}006$$

$$R = 0.9991$$

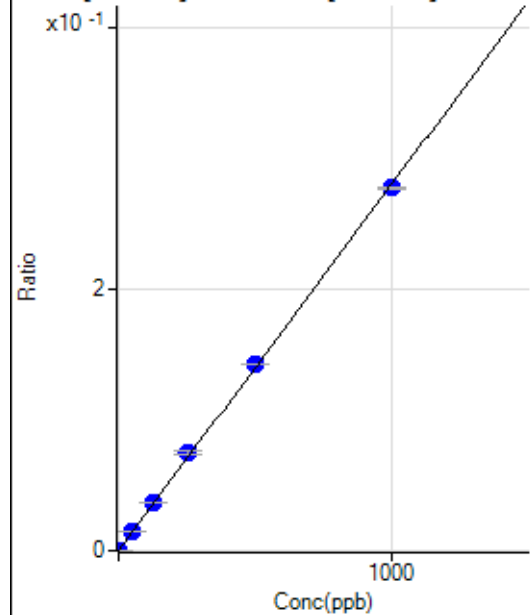
$$DL = 0.1123$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			402.24		P	4.1
2	☐						
3	☐			443.35		P	4.6
4	☐			400.01		P	11.
5	☐			418.90		P	10.
6	☐			436.68		P	2.8
7	☐			422.23		P	6.3
8	☐			445.57		P	6.3
9	☐			431.13		P	9.1

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

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	663.93	0.0000	P	3.0
2	☐	0.100					
3	☐	1.000	1.080	5106.64	0.0003	P	3.2
4	☐	50.000	50.792	208669.09	0.0143	P	1.2
5	☐	125.000	129.973	518405.04	0.0365	P	0.7
6	☐	250.000	266.639	977781.14	0.0748	P	3.1
7	☐	500.000	508.925	1836370.72	0.1427	P	0.4
8	☐	1000.000	990.716	3578557.11	0.2777	P	0.7
9	☐			18295.60	0.0014	P	0.7

$$y = 2.8030E-004 * x + 4.3578E-005$$

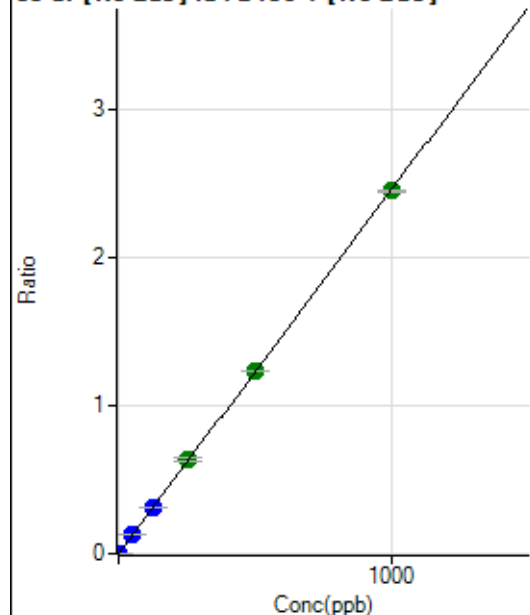
$$R = 0.9998$$

$$DL = 0.01414$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	227.79	0.0000	P	15.
2	☐	0.100					
3	☐	1.000	1.037	37767.34	0.0026	P	0.9
4	☐	50.000	50.467	1810298.07	0.1239	P	1.0
5	☐	125.000	125.516	4379048.71	0.3081	P	0.4
6	☐	250.000	259.471	8327129.70	0.6369	A	3.6
7	☐	500.000	501.859	15853035.60	1.2319	A	0.4
8	☐	1000.000	996.615	31519927.44	2.4463	A	0.2
9	☐			152022.29	0.0119	P	1.6

$$y = 0.0025 * x + 1.4960E-005$$

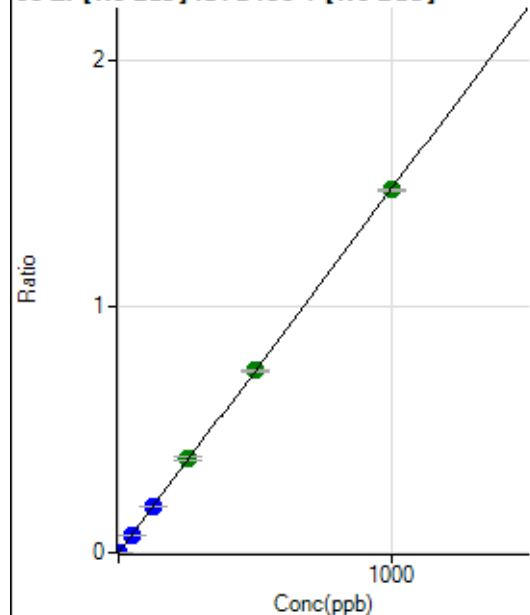
$$R = 0.9999$$

$$DL = 0.002793$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1177.88	0.0001	P	7.7
2	☐	0.100					
3	☐	1.000	1.041	23828.88	0.0016	P	2.0
4	☐	50.000	49.678	1074238.30	0.0735	P	1.5
5	☐	125.000	125.705	2642468.38	0.1859	P	0.0
6	☐	250.000	258.231	4992476.72	0.3819	A	3.4
7	☐	500.000	501.041	9533508.11	0.7408	A	0.7
8	☐	1000.000	997.349	18998846.78	1.4746	A	0.7
9	☐			10098.42	0.0008	P	1.9

$$y = 0.0015 * x + 7.7338E-005$$

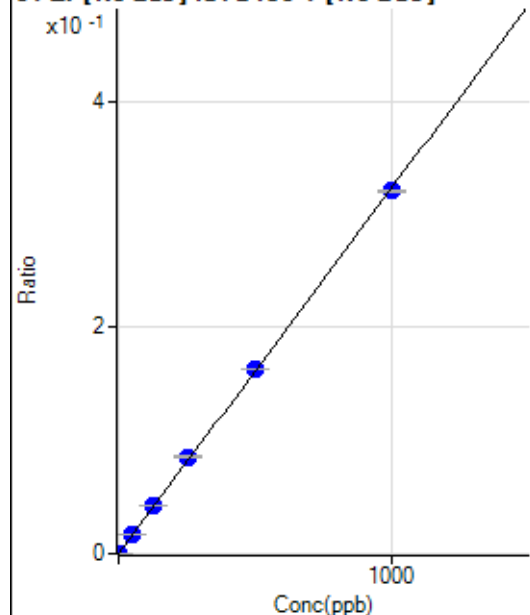
$$R = 1.0000$$

$$DL = 0.0121$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	258.35	0.0000	P	15.
2	☐	0.100					
3	☐	1.000	1.092	5456.77	0.0004	P	3.7
4	☐	50.000	50.985	241126.49	0.0165	P	1.1
5	☐	125.000	129.839	596925.11	0.0420	P	0.2
6	☐	250.000	264.633	1119035.43	0.0856	P	2.8
7	☐	500.000	505.541	2103831.06	0.1635	P	0.5
8	☐	1000.000	992.917	4136689.94	0.3211	P	0.8
9	☐			2219.72	0.0002	P	3.8

$$y = 3.2334\text{E-}004 * x + 1.6967\text{E-}005$$

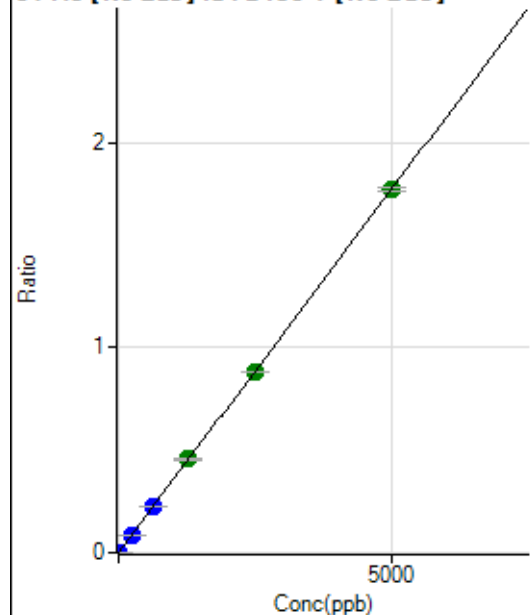
$$R = 0.9999$$

$$DL = 0.02416$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	416.69	0.0000	P	15.
2	☐	0.500					
3	☐	5.000	5.134	27204.53	0.0018	P	2.4
4	☐	250.000	249.846	1292947.41	0.0885	P	1.1
5	☐	625.000	630.794	3174599.57	0.2234	P	0.4
6	☐	1250.000	1287.402	5960112.07	0.4558	A	3.1
7	☐	2500.000	2494.817	11367578.73	0.8833	A	0.3
8	☐	5000.000	4992.524	22774959.88	1.7677	A	0.9
9	☐			28977.44	0.0023	P	1.2

$$y = 3.5406\text{E-}004 * x + 2.7334\text{E-}005$$

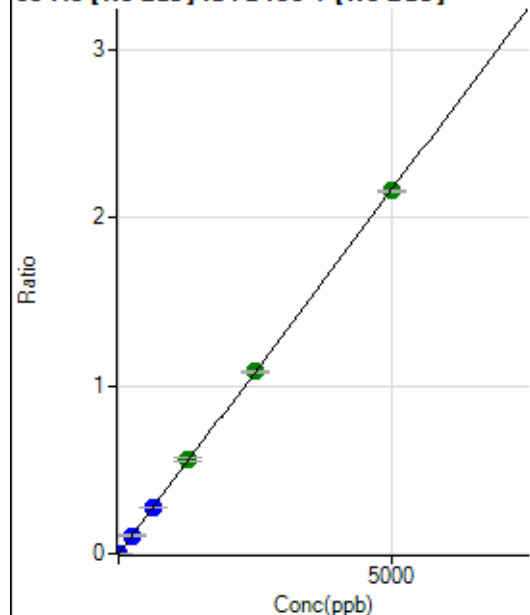
$$R = 1.0000$$

$$DL = 0.03651$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27.78	0.0000	P	17.
2	☐	0.500					
3	☐	5.000	5.132	32741.32	0.0022	P	1.4
4	☐	250.000	250.302	1580818.73	0.1082	P	1.7
5	☐	625.000	630.743	3874936.20	0.2726	P	0.3
6	☐	1250.000	1295.418	7321169.78	0.5599	A	3.2
7	☐	2500.000	2499.164	13901886.94	1.0803	A	0.4
8	☐	5000.000	4988.330	27780921.11	2.1562	A	0.8
9	☐			44550.82	0.0035	P	2.2

$$y = 4.3225\text{E-}004 * x + 1.8236\text{E-}006$$

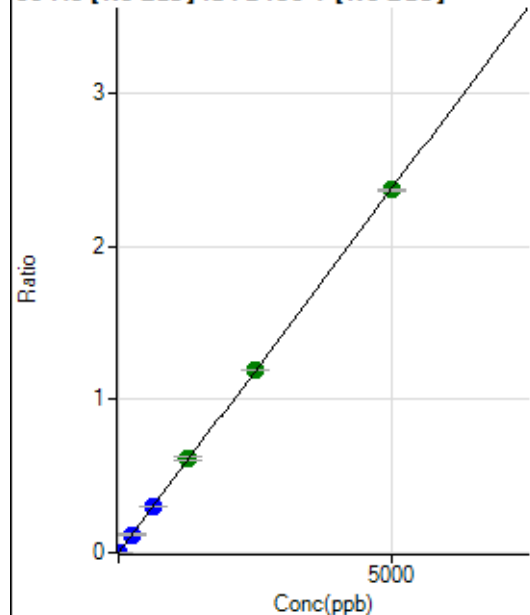
$$R = 1.0000$$

$$DL = 0.00222$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	158.34	0.0000	P	9.9
2	☐	0.500					
3	☐	5.000	5.141	36185.57	0.0025	P	1.0
4	☐	250.000	250.430	1739254.84	0.1190	P	1.1
5	☐	625.000	626.854	4234463.51	0.2979	P	0.2
6	☐	1250.000	1296.728	8058162.85	0.6163	A	3.1
7	☐	2500.000	2501.035	15297038.71	1.1887	A	0.0
8	☐	5000.000	4987.547	30541620.47	2.3705	A	0.5
9	☐			57263.00	0.0045	P	2.1

$$y = 4.7527\text{E-}004 * x + 1.0389\text{E-}005$$

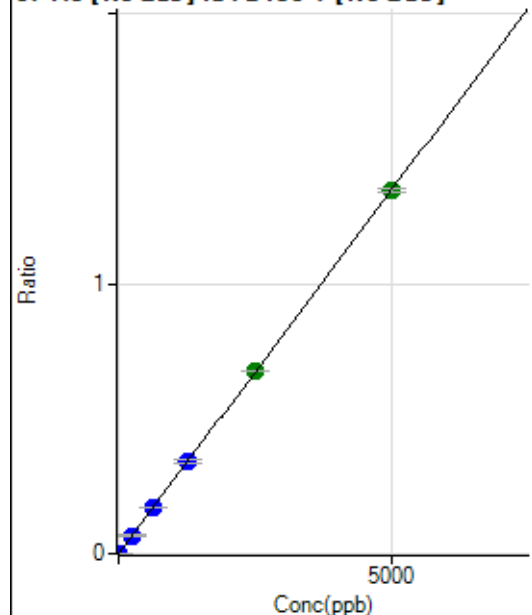
$$R = 0.9999$$

$$DL = 0.006496$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0000	P	56.
2	☐	0.500					
3	☐	5.000	5.037	20017.57	0.0014	P	3.9
4	☐	250.000	250.605	985710.21	0.0675	P	1.6
5	☐	625.000	629.090	2406933.24	0.1694	P	0.1
6	☐	1250.000	1272.584	4479349.54	0.3426	P	2.8
7	☐	2500.000	2509.352	8693127.97	0.6755	A	0.2
8	☐	5000.000	4989.136	17304196.39	1.3431	A	0.9
9	☐			27421.53	0.0021	P	1.3

$$y = 2.6920E-004 * x + 1.4553E-006$$

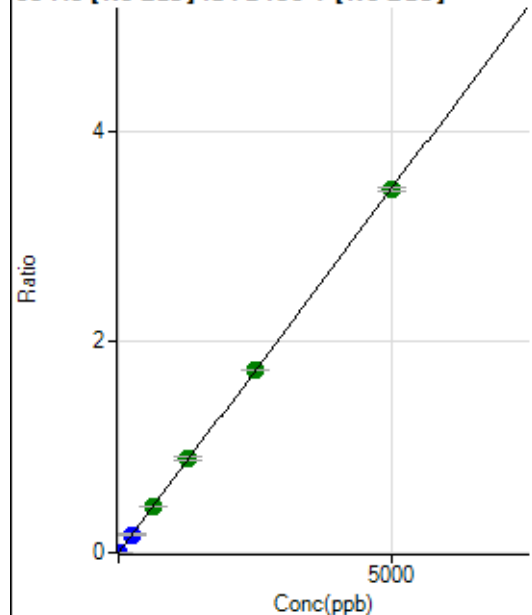
$$R = 1.0000$$

$$DL = 0.009222$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.11	0.0000	P	34.
2	☐	0.500					
3	☐	5.000	5.153	52489.22	0.0036	P	1.5
4	☐	250.000	250.199	2524250.23	0.1728	P	1.1
5	☐	625.000	626.253	6145676.44	0.4324	A	0.0
6	☐	1250.000	1293.361	11676296.01	0.8930	A	3.0
7	☐	2500.000	2512.847	22327907.79	1.7350	A	0.3
8	☐	5000.000	4982.569	44325150.99	3.4403	A	0.9
9	☐			70052.74	0.0055	P	1.0

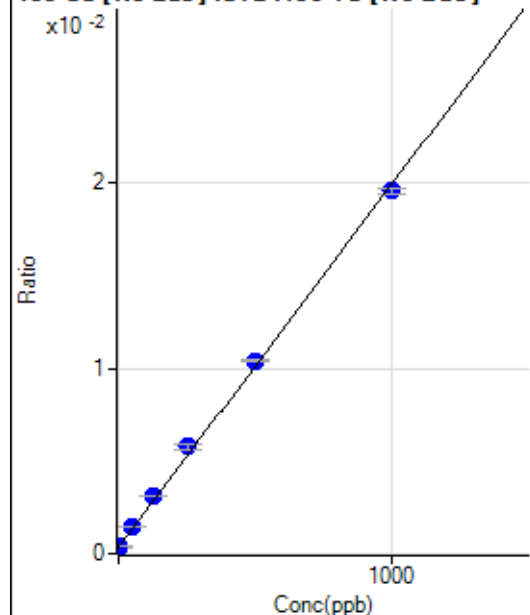
$$y = 6.9046E-004 * x + 2.3671E-006$$

$$R = 1.0000$$

$$DL = 0.003561$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6523.95	0.0003	P	1.0
2	☐	0.100					
3	☐	1.000	2.260	7110.42	0.0004	P	1.8
4	☐	50.000	57.496	27558.19	0.0015	P	3.0
5	☐	125.000	141.220	57419.74	0.0031	P	1.3
6	☐	250.000	278.607	100628.14	0.0058	P	4.6
7	☐	500.000	515.364	181770.53	0.0104	P	0.8
8	☐	1000.000	982.763	344660.66	0.0196	P	1.7
9	☐			5790.31	0.0003	P	1.4

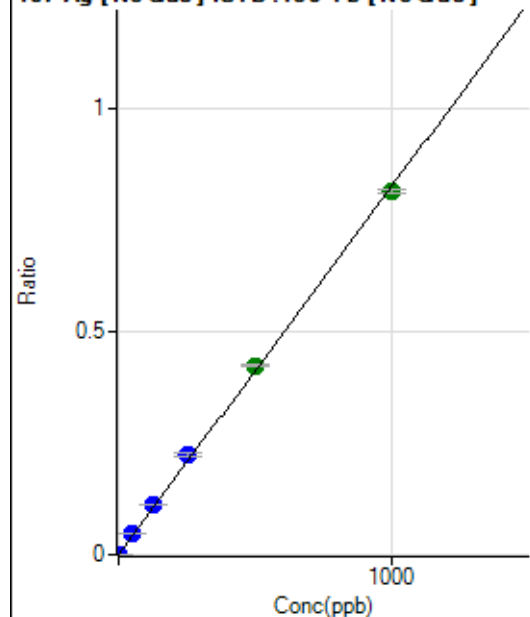
$$y = 1.9558\text{E-}005 * x + 3.3037\text{E-}004$$

$$R = 0.9993$$

$$DL = 0.5203$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1650.17	0.0001	P	5.1
2	☐	0.100					
3	☐	1.000	1.076	18443.20	0.0010	P	1.4
4	☐	50.000	55.360	867402.71	0.0458	P	0.3
5	☐	125.000	137.653	2111895.99	0.1137	P	0.8
6	☐	250.000	270.862	3896265.93	0.2237	P	3.2
7	☐	500.000	513.759	7407842.26	0.4243	A	1.5
8	☐	1000.000	986.056	14354454.66	0.8142	A	1.0
9	☐			6362.80	0.0004	P	0.3

$$y = 8.2567\text{E-}004 * x + 8.3542\text{E-}005$$

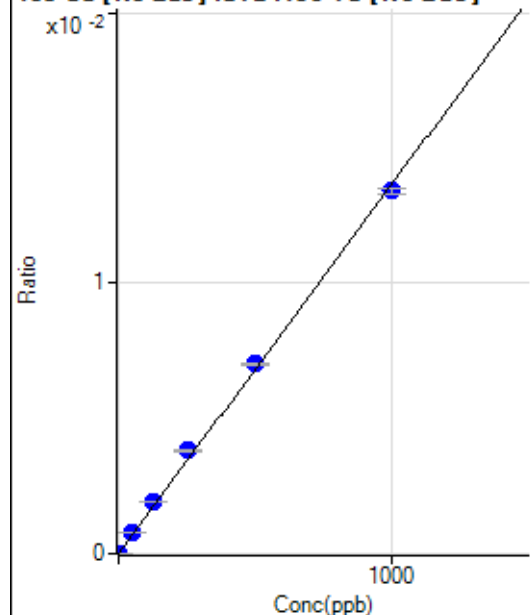
$$R = 0.9996$$

$$DL = 0.01545$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12.50	0.0000	P	32.
2	☐	0.100					
3	☐	1.000	1.122	302.79	0.0000	P	4.4
4	☐	50.000	56.323	14575.75	0.0008	P	1.6
5	☐	125.000	138.256	35057.50	0.0019	P	0.2
6	☐	250.000	280.045	66598.83	0.0038	P	2.3
7	☐	500.000	514.343	122607.83	0.0070	P	0.9
8	☐	1000.000	983.344	236648.12	0.0134	P	1.8
9	☐			77.78	0.0000	P	26.

$$y = 1.3651\text{E-}005 * x + 6.3187\text{E-}007$$

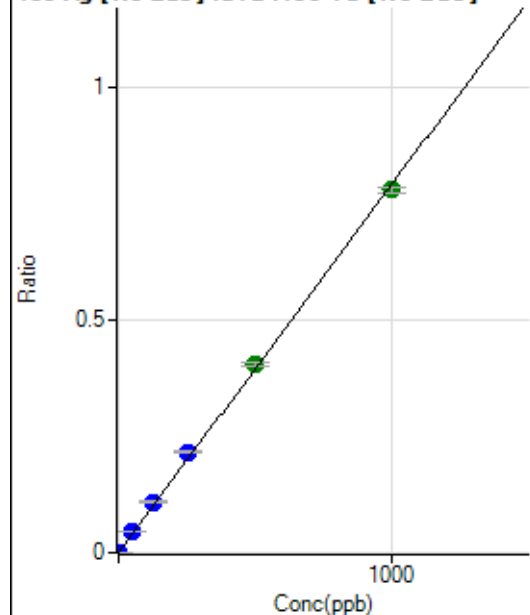
$$R = 0.9993$$

$$DL = 0.04536$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1500.15	0.0001	P	9.5
2	☐	0.100					
3	☐	1.000	1.059	17314.00	0.0009	P	1.1
4	☐	50.000	55.803	835842.00	0.0441	P	0.5
5	☐	125.000	138.445	2030687.24	0.1094	P	0.5
6	☐	250.000	273.448	3760643.45	0.2159	P	3.1
7	☐	500.000	511.782	7055132.27	0.4041	A	1.4
8	☐	1000.000	986.276	13726364.54	0.7786	A	1.4
9	☐			6401.72	0.0004	P	3.2

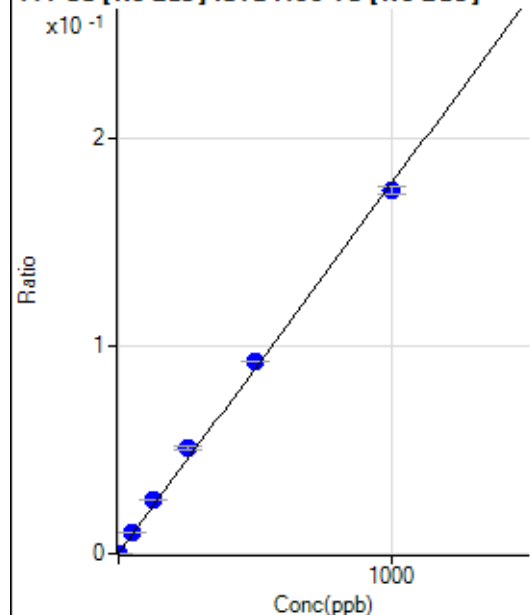
$$y = 7.8940\text{E-}004 * x + 7.5925\text{E-}005$$

$$R = 0.9996$$

$$DL = 0.02755$$

Weight: <None>

Min Conc: 0

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

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4564.96	0.0002	P	1.0
2	☐	0.100					
3	☐	1.000	1.233	8547.88	0.0005	P	1.5
4	☐	50.000	56.822	195554.82	0.0103	P	0.9
5	☐	125.000	142.975	475845.68	0.0256	P	0.5
6	☐	250.000	283.798	881836.69	0.0506	P	3.8
7	☐	500.000	517.470	1608976.28	0.0921	P	0.2
8	☐	1000.000	980.227	3073277.21	0.1743	P	2.1
9	☐			4559.91	0.0003	P	1.2

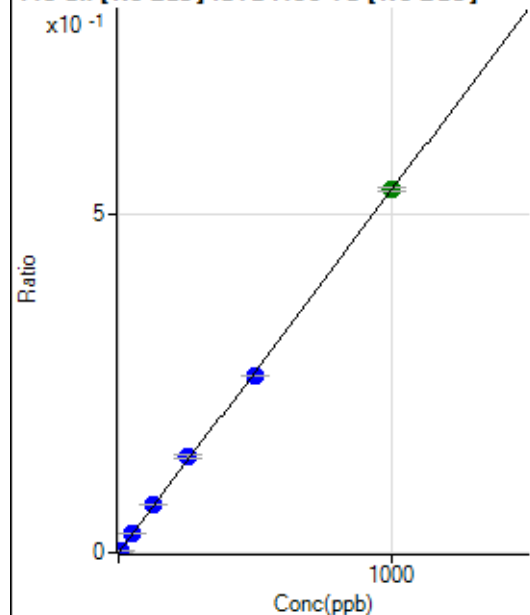
$$y = 1.7762\text{E-}004 * x + 2.3117\text{E-}004$$

$$R = 0.9991$$

$$DL = 0.03798$$

Weight: <None>

Min Conc: 0

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

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	513.92	0.0000	P	15.
2	☐	0.500					
3	☐	5.000	5.301	54397.85	0.0029	P	1.0
4	☐	50.000	52.527	533517.21	0.0282	P	0.7
5	☐	125.000	131.608	1309625.92	0.0705	P	0.5
6	☐	250.000	265.749	2479794.22	0.1424	P	3.2
7	☐	500.000	489.032	4575038.51	0.2620	P	0.5
8	☐	1000.000	1000.593	9450365.06	0.5361	A	0.9
9	☐			11505.15	0.0007	P	5.3

$$y = 5.3572\text{E-}004 * x + 2.6039\text{E-}005$$

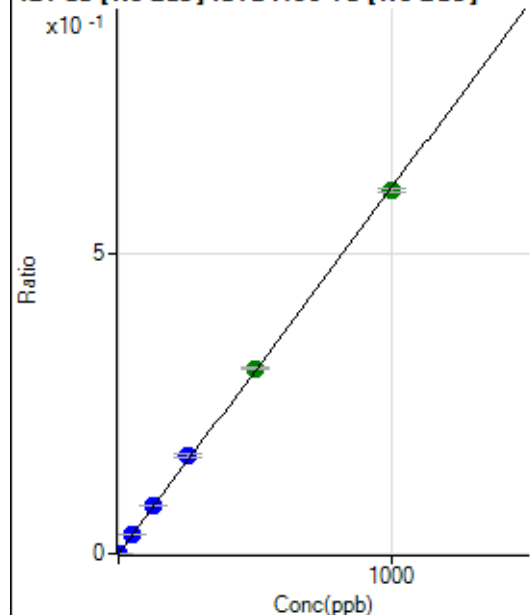
$$R = 0.9998$$

$$DL = 0.02248$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	66.67	0.0000	P	69.
2	☐	0.200					
3	☐	2.000	2.060	23943.41	0.0013	P	1.3
4	☐	50.000	52.785	610702.16	0.0322	P	0.8
5	☐	125.000	131.936	1496269.46	0.0806	P	0.7
6	☐	250.000	267.033	2840346.11	0.1631	P	3.1
7	☐	500.000	506.213	5398323.90	0.3092	A	0.5
8	☐	1000.000	991.629	10676743.12	0.6056	A	1.1
9	☐			16365.67	0.0010	P	3.5

$$y = 6.1074\text{E-}004 * x + 3.3746\text{E-}006$$

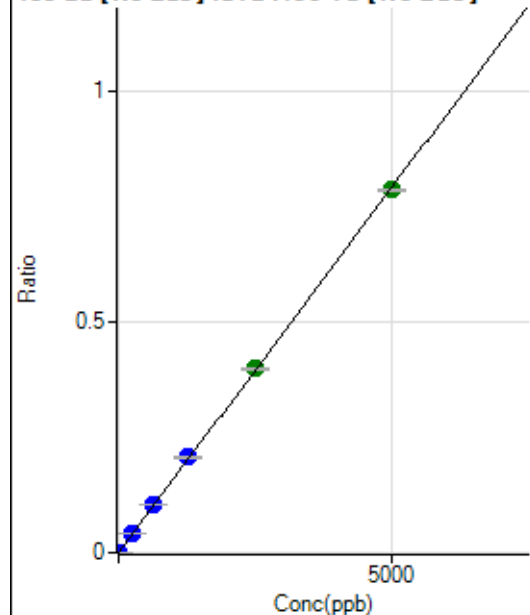
$$R = 0.9998$$

$$DL = 0.01146$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	44.45	0.0000	P	10.
2	☐	1.000					
3	☐	10.000	10.283	30846.19	0.0016	P	0.6
4	☐	250.000	257.680	770295.78	0.0407	P	0.6
5	☐	625.000	649.365	1902824.91	0.1025	P	0.5
6	☐	1250.000	1308.629	3596510.19	0.2065	P	3.2
7	☐	2500.000	2517.628	6937306.92	0.3973	A	0.3
8	☐	5000.000	4973.098	13835557.08	0.7848	A	0.7
9	☐			2644.82	0.0002	P	5.7

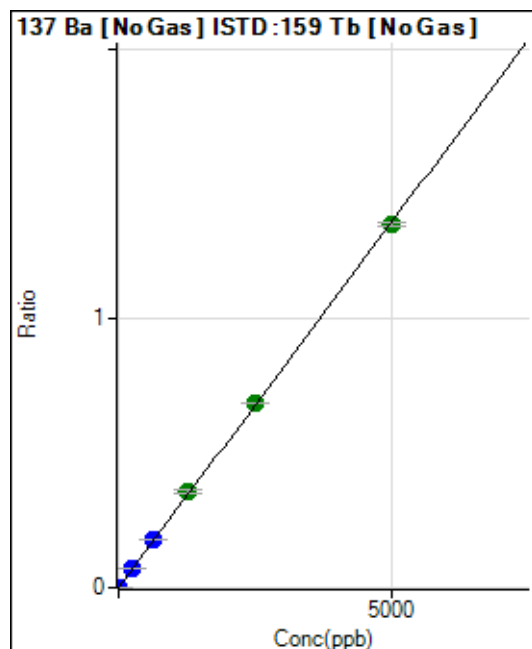
$$y = 1.5781\text{E-}004 * x + 2.2501\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.004413$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	44.44	0.0000	P	20.
2	☐	1.000					
3	☐	10.000	10.520	54192.66	0.0029	P	1.1
4	☐	250.000	261.604	1343488.07	0.0709	P	1.2
5	☐	625.000	650.588	3275271.52	0.1764	P	0.5
6	☐	1250.000	1319.411	6229575.23	0.3577	A	3.5
7	☐	2500.000	2526.572	11960942.63	0.6850	A	0.4
8	☐	5000.000	4965.581	23733993.41	1.3463	A	0.9
9	☐			4920.53	0.0003	P	5.4

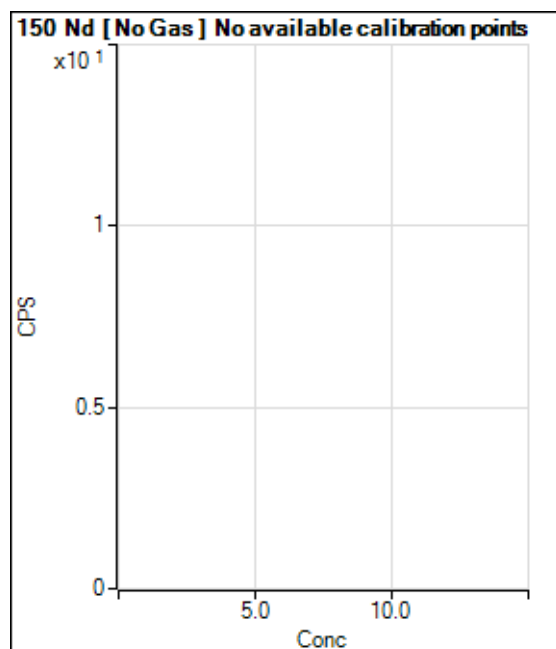
$$y = 2.7112E-004 * x + 2.2477E-006$$

$$R = 0.9999$$

$$DL = 0.005185$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			8.89		P	43.
2	☐						
3	☐			4.45		P	86.
4	☐			60.00		P	11.
5	☐			168.90		P	19.
6	☐			244.45		P	3.1
7	☐			580.04		P	4.0
8	☐			1017.85		P	9.3
9	☐			228.90		P	3.4

150 Nd [He] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			0.00		P	
2	☐						
3	☐			2.22		P	86.
4	☐			4.45		P	86.
5	☐			12.22		P	68.
6	☐			26.67		P	33.
7	☐			65.55		P	20.
8	☐			73.33		P	34.
9	☐			102.23		P	21.

156 Dy [No Gas] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			16.67		P	50.
2	☐						
3	☐			8.33		P	0.0
4	☐			33.33		P	43.
5	☐			41.67		P	34.
6	☐			58.34		P	57.
7	☐			155.56		P	26.
8	☐			227.79		P	7.6
9	☐			138.90		P	13.

156 Dy [He] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			7.78		P	24.
2	☐						
3	☐			11.11		P	62.
4	☐			10.00		P	66.
5	☐			25.55		P	52.
6	☐			47.78		P	17.
7	☐			97.78		P	20.
8	☐			203.34		P	13.
9	☐			61.11		P	19.

160 Gd [No Gas] Noavailable calibration poin_

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			105.56		P	24.
2	☐						
3	☐			122.23		P	33.
4	☐			119.45		P	24.
5	☐			108.34		P	30.
6	☐			91.67		P	24.
7	☐			169.45		P	15.
8	☐			116.67		P	21.
9	☐			180.57		P	29.

160 Gd [He] No available calibration points

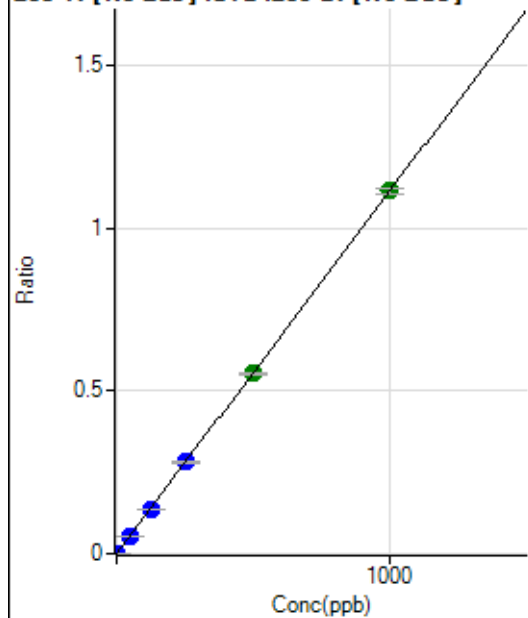
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			265.56		P	14.
2	☐						
3	☐			283.34		P	5.4
4	☐			283.34		P	4.7
5	☐			247.78		P	3.4
6	☐			254.45		P	9.9
7	☐			277.79		P	18.
8	☐			272.23		P	10.
9	☐			324.46		P	4.9

164 Er [No Gas] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			38.89		P	44.
2	☐						
3	☐			119.45		P	14.
4	☐			38.89		P	75.
5	☐			69.45		P	34.
6	☐			66.67		P	37.
7	☐			66.67		P	33.
8	☐			72.23		P	13.
9	☐			75.00		P	29.

164 Er [He] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			30.00		P	19.
2	☐						
3	☐			42.22		P	4.6
4	☐			31.11		P	12.
5	☐			36.67		P	15.
6	☐			36.67		P	Na
7	☐			28.89		P	46.
8	☐			40.00		P	25.
9	☐			27.78		P	48.

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

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0000	P	15.
2	☐	0.100					
3	☐	1.000	0.986	13946.66	0.0011	P	1.2
4	☐	50.000	48.579	675489.40	0.0541	P	0.9
5	☐	125.000	122.573	1660257.00	0.1364	P	0.5
6	☐	250.000	252.207	3184275.00	0.2807	P	2.8
7	☐	500.000	496.608	6189036.29	0.5527	A	0.4
8	☐	1000.000	1001.519	12284824.15	1.1146	A	1.3
9	☐			4545.41	0.0005	P	4.8

$$y = 0.0011 * x + 7.8998E-006$$

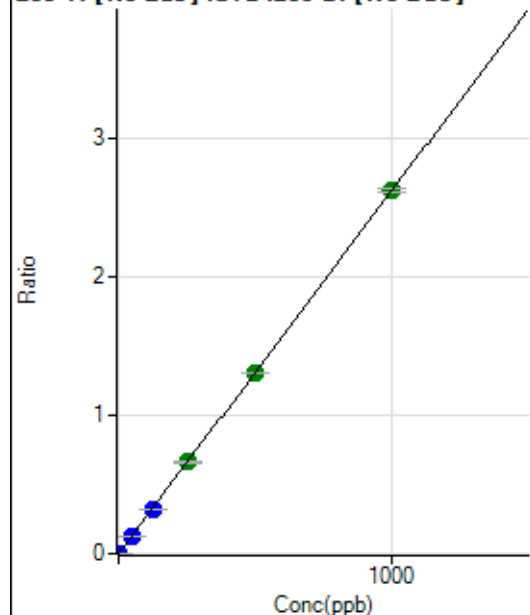
$$R = 1.0000$$

$$DL = 0.003357$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	272.24	0.0000	P	17.
2	☐	0.100					
3	☐	1.000	0.993	33131.24	0.0026	P	1.2
4	☐	50.000	48.845	1601701.45	0.1282	P	0.4
5	☐	125.000	122.602	3916117.88	0.3218	P	0.7
6	☐	250.000	253.255	7540214.15	0.6647	A	3.1
7	☐	500.000	498.125	14639541.47	1.3073	A	0.5
8	☐	1000.000	1000.481	28940552.04	2.6257	A	1.2
9	☐			10646.40	0.0011	P	2.8

$$y = 0.0026 * x + 2.0373E-005$$

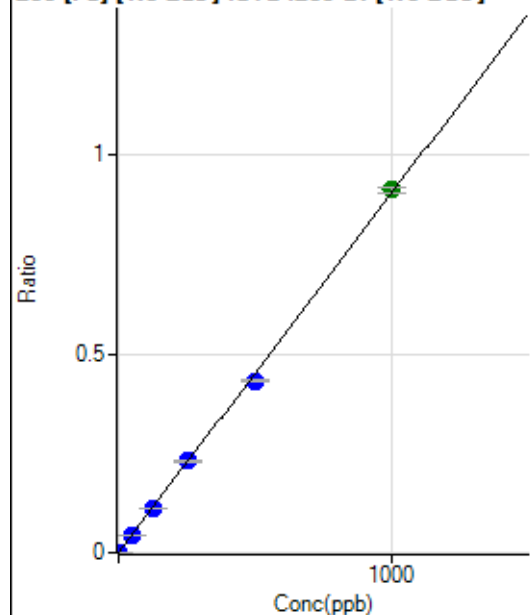
$$R = 1.0000$$

$$DL = 0.004156$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	277.79	0.0000	P	5.9
2	☐	0.100					
3	☐	1.000	0.993	11594.23	0.0009	P	3.2
4	☐	50.000	49.033	554343.21	0.0444	P	0.5
5	☐	125.000	124.597	1371876.51	0.1127	P	0.4
6	☐	250.000	254.342	2610082.58	0.2301	P	3.1
7	☐	500.000	478.575	4847886.68	0.4329	P	1.0
8	☐	1000.000	1009.726	10066863.19	0.9134	A	1.4
9	☐			11501.60	0.0012	P	1.3

$$y = 9.0455E-004 * x + 2.0808E-005$$

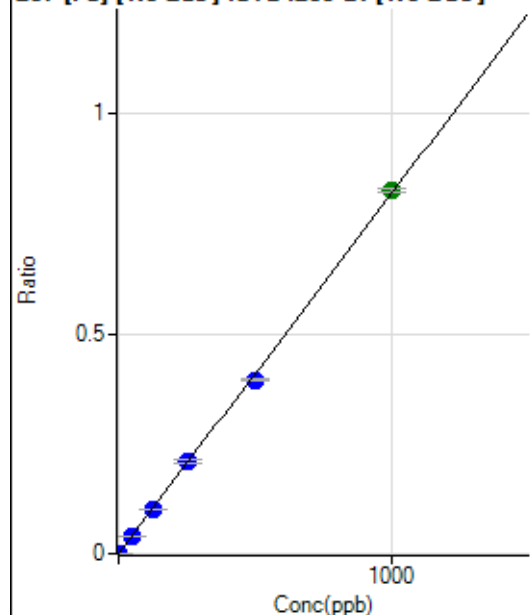
$$R = 0.9997$$

$$DL = 0.004081$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	266.68	0.0000	P	21.
2	☐	0.100					
3	☐	1.000	0.995	10513.69	0.0008	P	2.8
4	☐	50.000	49.175	502748.47	0.0402	P	0.3
5	☐	125.000	124.076	1235387.96	0.1015	P	0.4
6	☐	250.000	255.486	2370904.94	0.2090	P	3.1
7	☐	500.000	482.174	4416800.39	0.3944	P	1.1
8	☐	1000.000	1007.698	9085228.91	0.8243	A	1.0
9	☐			9776.09	0.0010	P	0.7

$$y = 8.1796E-004 * x + 1.9954E-005$$

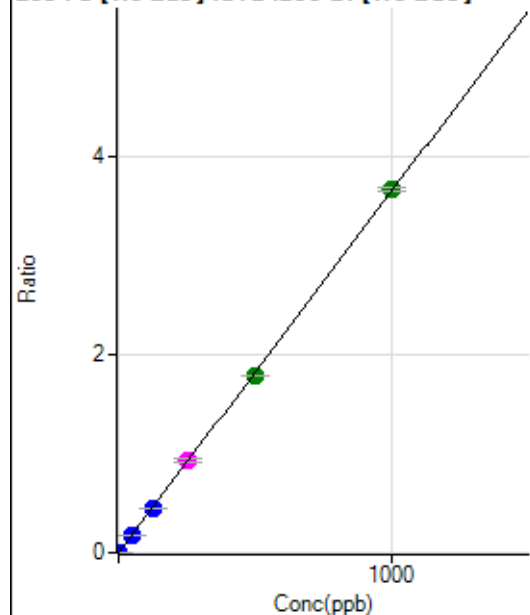
$$R = 0.9998$$

$$DL = 0.01563$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1237.10	0.0001	P	2.7
2	☐	0.100					
3	☐	1.000	0.995	46929.60	0.0037	P	1.3
4	☐	50.000	49.343	2248326.39	0.1800	P	0.8
5	☐	125.000	124.492	5524360.02	0.4539	P	0.4
6	☐	250.000	254.430	10522196.15	0.9276	M	3.4
7	☐	500.000	489.699	19991748.31	1.7853	A	0.9
8	☐	1000.000	1004.139	40347747.89	3.6607	A	1.1
9	☐			44886.28	0.0047	P	0.6

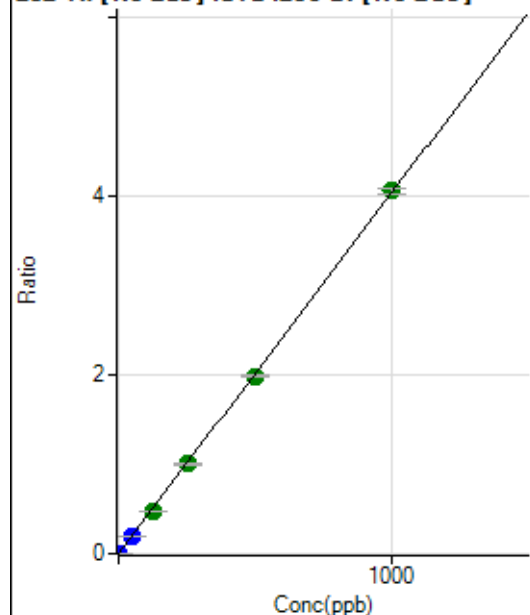
$$y = 0.0036 * x + 9.2646E-005$$

$$R = 0.9999$$

$$DL = 0.002079$$

Weight: <None>

Min Conc: 0

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

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	98.15	0.0000	P	47.
2	☐	0.100					
3	☐	1.000	0.945	48179.74	0.0038	P	0.2
4	☐	50.000	46.189	2328571.35	0.1864	P	0.9
5	☐	125.000	117.377	5764557.07	0.4737	A	0.6
6	☐	250.000	248.560	11377501.18	1.0030	A	3.6
7	☐	500.000	492.080	22236152.58	1.9857	A	0.7
8	☐	1000.000	1005.463	44719976.00	4.0574	A	1.3
9	☐			7148.45	0.0007	P	8.4

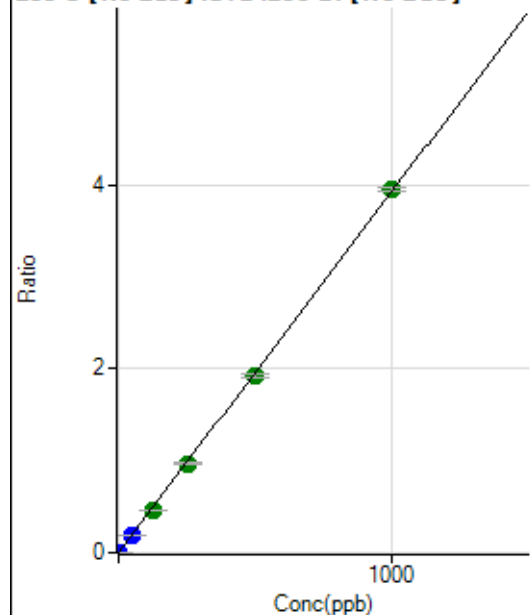
$$y = 0.0040 * x + 7.3628E-006$$

$$R = 0.9999$$

$$DL = 0.002606$$

Weight: <None>

Min Conc: 0

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

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	44.45	0.0000	P	10.
2	☐	0.100					
3	☐	1.000	0.950	47047.30	0.0037	P	1.6
4	☐	50.000	46.810	2293862.70	0.1836	P	1.1
5	☐	125.000	117.529	5610538.49	0.4610	A	1.0
6	☐	250.000	247.573	11016051.98	0.9711	A	3.3
7	☐	500.000	490.687	21552717.49	1.9247	A	1.1
8	☐	1000.000	1006.357	43509126.32	3.9475	A	1.0
9	☐			7338.48	0.0008	P	4.6

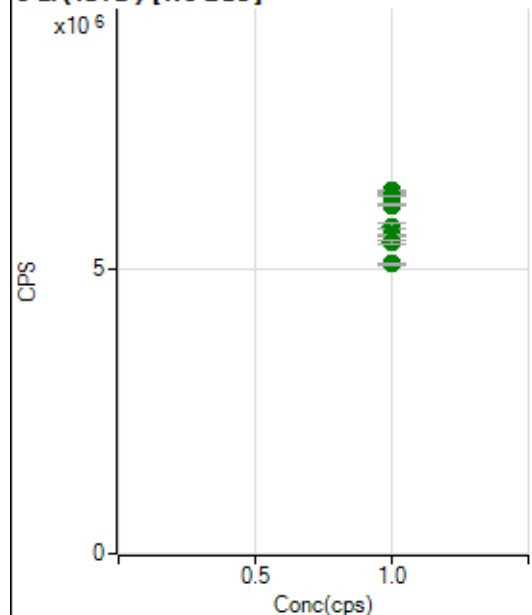
$$y = 0.0039 * x + 3.3270E-006$$

$$R = 0.9999$$

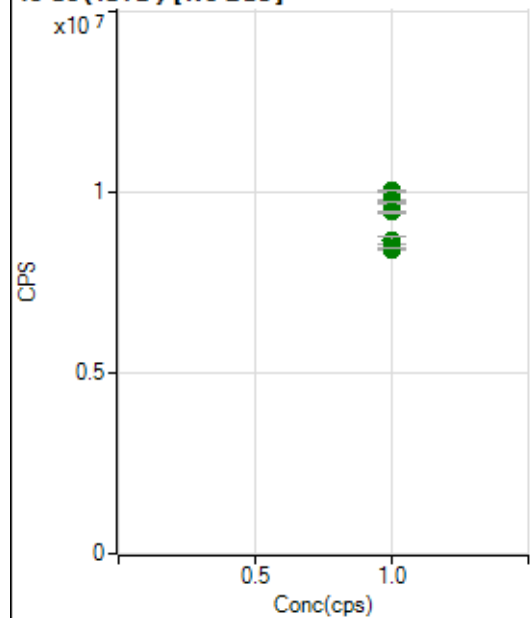
$$DL = 0.0002574$$

Weight: <None>

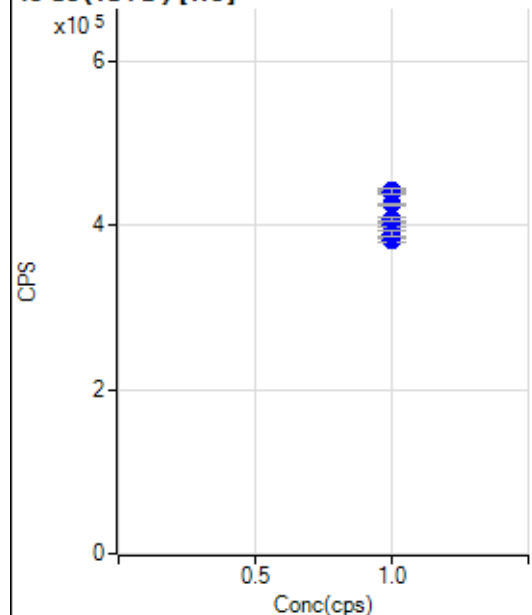
Min Conc: 0

6 Li (ISTD) [No Gas]

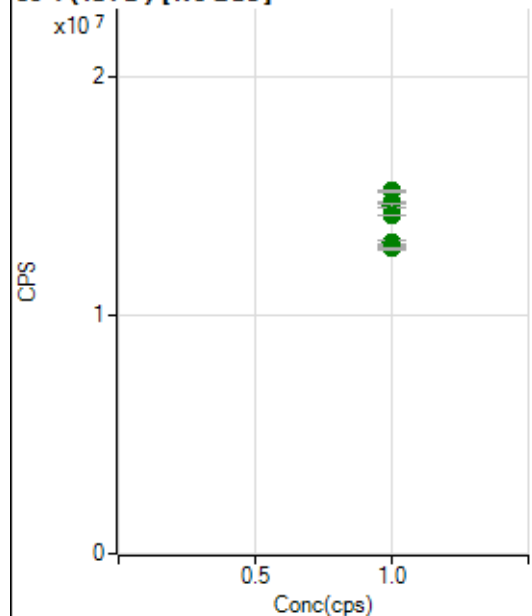
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6375060.88		A	0.8
2	☐	1.000					
3	☐	1.000		6299658.31		A	1.0
4	☐	1.000		6287512.06		A	0.3
5	☐	1.000		6126415.25		A	0.4
6	☐	1.000		5746148.67		A	1.8
7	☐	1.000		5593145.19		A	0.6
8	☐	1.000		5478641.38		A	1.2
9	☐	1.000		5091536.97		A	0.7

45 Sc (ISTD) [No Gas]

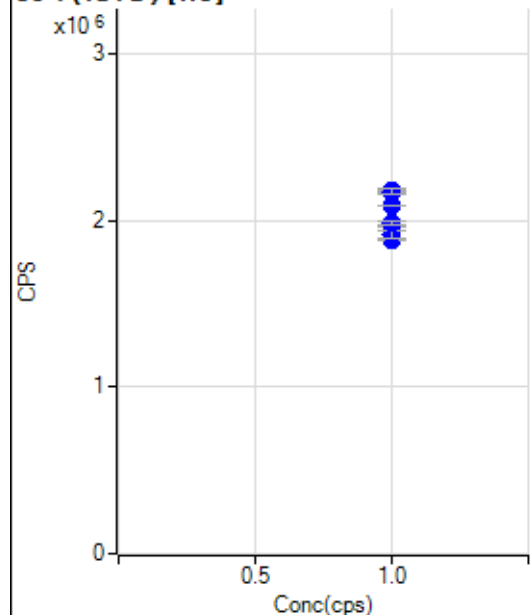
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10048431.91		A	0.6
2	☐	1.000					
3	☐	1.000		9777347.61		A	0.7
4	☐	1.000		9729010.20		A	0.4
5	☐	1.000		9465187.01		A	0.5
6	☐	1.000		8669627.97		A	2.2
7	☐	1.000		8468764.43		A	0.5
8	☐	1.000		8424592.29		A	0.6
9	☐	1.000		8480671.03		A	0.2

45 Sc (ISTD) [He]

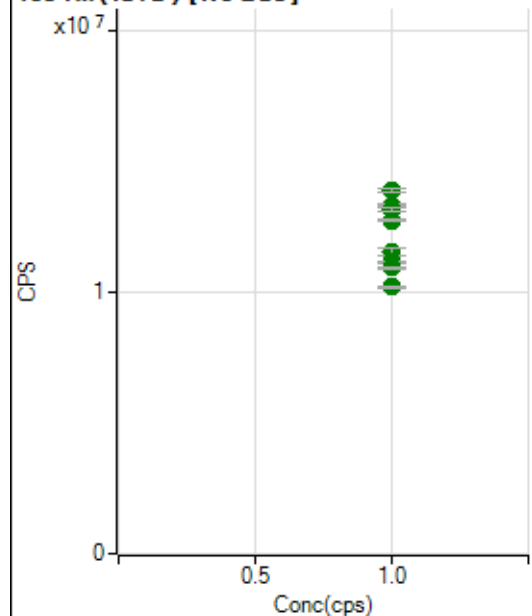
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		441923.06		P	0.8
2	☐	1.000					
3	☐	1.000		442334.67		P	0.5
4	☐	1.000		441763.23		P	1.6
5	☐	1.000		426173.74		P	0.5
6	☐	1.000		400506.97		P	0.9
7	☐	1.000		381942.81		P	0.8
8	☐	1.000		390166.96		P	2.1
9	☐	1.000		407291.60		P	1.2

89 Y (ISTD) [No Gas]

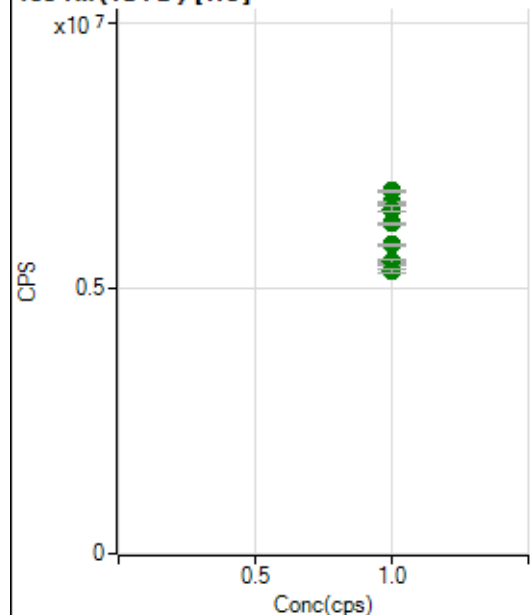
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		15235420.05		A	0.7
2	☐	1.000					
3	☐	1.000		14745193.11		A	0.8
4	☐	1.000		14612764.23		A	1.2
5	☐	1.000		14212691.31		A	0.4
6	☐	1.000		13079706.33		A	1.8
7	☐	1.000		12868928.14		A	0.4
8	☐	1.000		12884641.61		A	0.7
9	☐	1.000		12799922.31		A	0.2

89 Y(ISTD) [He]

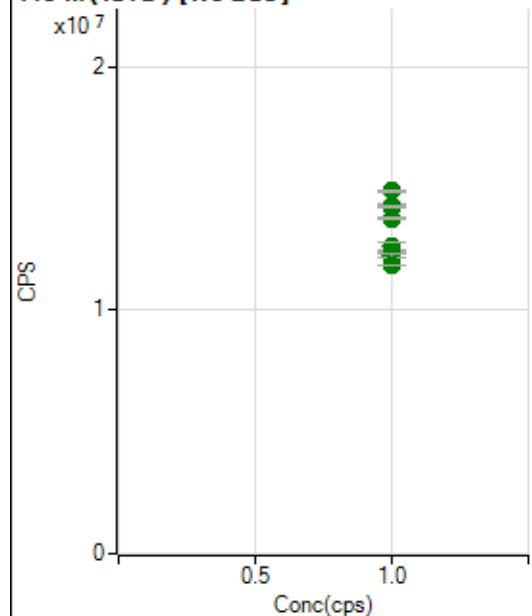
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2164426.96		P	0.8
2	☐	1.000					
3	☐	1.000		2176893.73		P	0.4
4	☐	1.000		2173015.54		P	1.6
5	☐	1.000		2089292.17		P	0.4
6	☐	1.000		1966484.66		P	0.6
7	☐	1.000		1879769.52		P	0.4
8	☐	1.000		1916616.90		P	2.7
9	☐	1.000		1982963.37		P	1.1

103 Rh(ISTD) [No Gas]

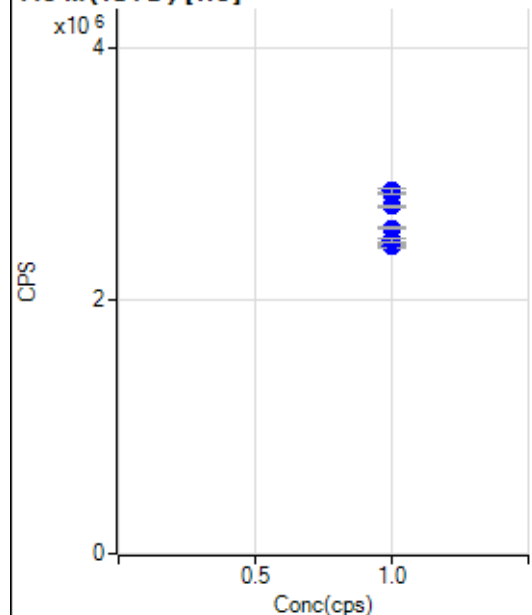
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		13893577.39		A	1.1
2	☐	1.000					
3	☐	1.000		13364221.74		A	0.5
4	☐	1.000		13180873.39		A	0.6
5	☐	1.000		12750416.95		A	0.6
6	☐	1.000		11564165.71		A	2.3
7	☐	1.000		11171425.94		A	1.0
8	☐	1.000		10946184.71		A	1.0
9	☐	1.000		10202861.86		A	0.8

103 Rh (ISTD) [He]

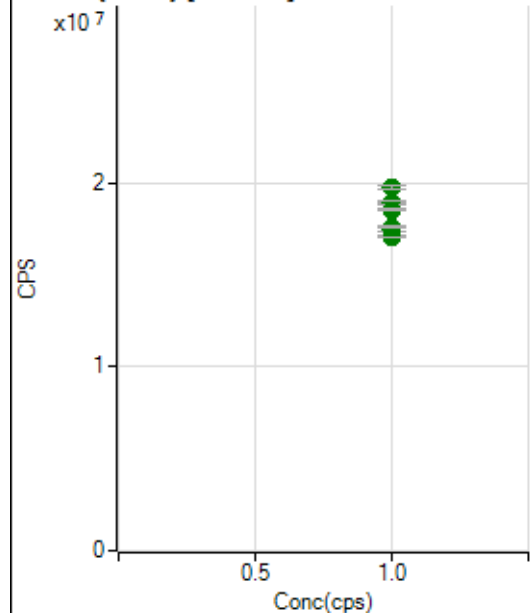
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6838700.66		A	0.6
2	☐	1.000					
3	☐	1.000		6620909.28		A	0.6
4	☐	1.000		6503757.75		A	1.4
5	☐	1.000		6221194.28		A	0.6
6	☐	1.000		5822074.98		A	0.7
7	☐	1.000		5484059.29		A	0.4
8	☐	1.000		5492178.60		A	2.3
9	☐	1.000		5324851.42		A	1.1

115 In (ISTD) [No Gas]

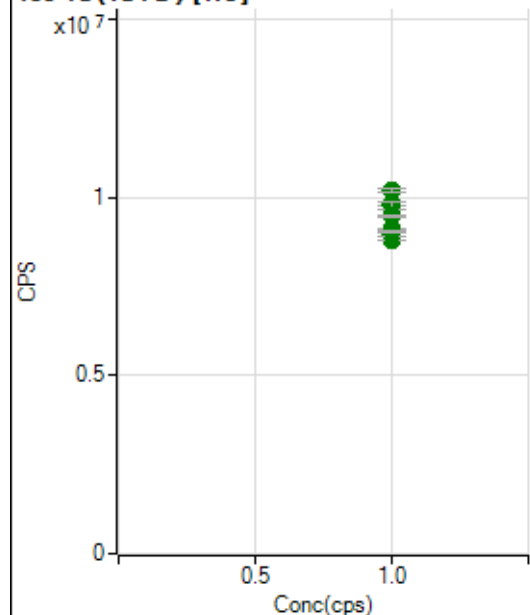
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		14907293.00		A	0.8
2	☐	1.000					
3	☐	1.000		14336289.71		A	0.4
4	☐	1.000		14245947.84		A	0.3
5	☐	1.000		13768321.68		A	0.5
6	☐	1.000		12650085.42		A	2.3
7	☐	1.000		12385426.84		A	0.7
8	☐	1.000		12236825.74		A	1.1
9	☐	1.000		11840747.95		A	0.3

115 In (ISTD) [He]

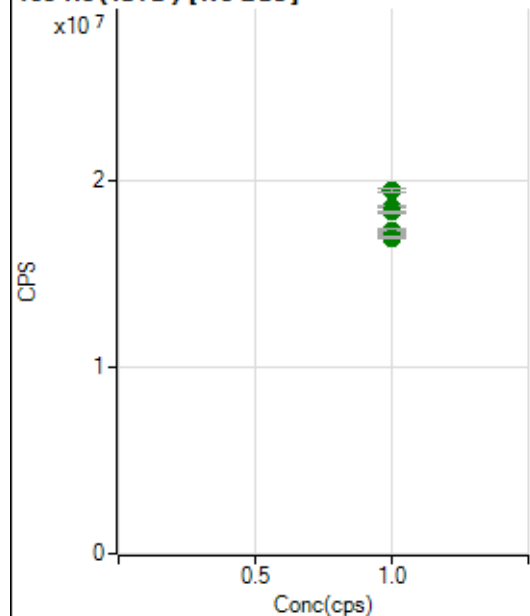
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2847646.87		P	0.5
2	☐	1.000					
3	☐	1.000		2859600.92		P	0.2
4	☐	1.000		2867900.51		P	1.9
5	☐	1.000		2747132.95		P	0.6
6	☐	1.000		2575438.95		P	0.5
7	☐	1.000		2442618.71		P	0.7
8	☐	1.000		2434576.33		P	2.0
9	☐	1.000		2477633.99		P	1.0

159 Tb (ISTD) [No Gas]

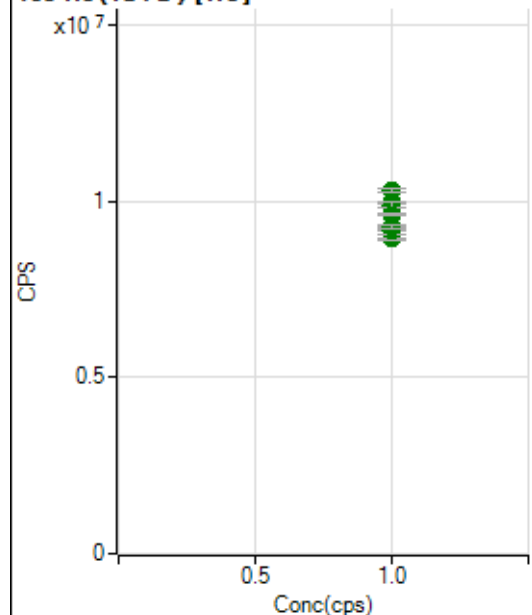
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		19746766.37		A	1.0
2	☐	1.000					
3	☐	1.000		18983173.33		A	1.0
4	☐	1.000		18942207.22		A	0.7
5	☐	1.000		18568527.50		A	0.7
6	☐	1.000		17424106.82		A	2.4
7	☐	1.000		17461279.32		A	0.9
8	☐	1.000		17630429.88		A	1.1
9	☐	1.000		17057409.75		A	0.4

159 Tb (ISTD) [He]

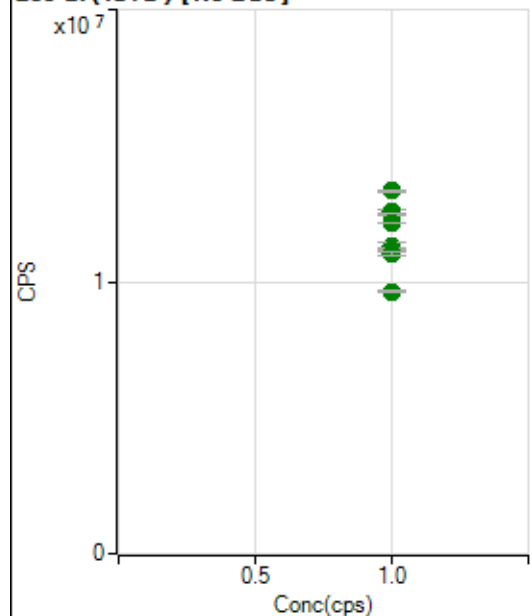
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10187427.28		A	1.2
2	☐	1.000					
3	☐	1.000		9821623.60		A	1.0
4	☐	1.000		9774513.81		A	2.0
5	☐	1.000		9491033.19		A	0.6
6	☐	1.000		9117422.36		A	0.2
7	☐	1.000		8791094.31		A	0.2
8	☐	1.000		8972853.41		A	1.5
9	☐	1.000		9053117.51		A	0.9

165 Ho (ISTD) [No Gas]

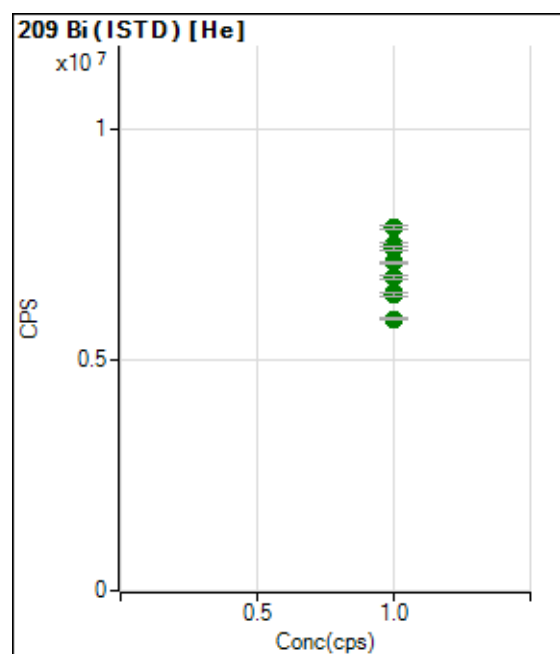
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		19427438.98		A	1.0
2	☐	1.000					
3	☐	1.000		18554624.90		A	0.6
4	☐	1.000		18555044.86		A	0.6
5	☐	1.000		18278727.49		A	0.6
6	☐	1.000		17186761.49		A	2.6
7	☐	1.000		17152581.29		A	1.0
8	☐	1.000		17336383.03		A	0.8
9	☐	1.000		16912837.35		A	0.8

165 Ho (ISTD) [He]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10306673.60		A	1.2
2	☐	1.000					
3	☐	1.000		9975645.54		A	0.9
4	☐	1.000		9904667.14		A	1.6
5	☐	1.000		9628017.84		A	0.4
6	☐	1.000		9243205.07		A	0.9
7	☐	1.000		8936573.76		A	0.6
8	☐	1.000		9163078.96		A	1.9
9	☐	1.000		9281509.59		A	1.0

209 Bi (ISTD) [No Gas]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		13353510.91		A	0.7
2	☐	1.000					
3	☐	1.000		12613343.84		A	1.1
4	☐	1.000		12492698.43		A	0.2
5	☐	1.000		12170333.85		A	0.5
6	☐	1.000		11350069.28		A	2.6
7	☐	1.000		11198326.22		A	0.7
8	☐	1.000		11022885.11		A	1.2
9	☐	1.000		9642248.54		A	0.6



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		7857454.12		A	1.0
2	☐	1.000					
3	☐	1.000		7499939.54		A	0.9
4	☐	1.000		7415087.87		A	1.4
5	☐	1.000		7108642.11		A	0.6
6	☐	1.000		6785392.12		A	0.8
7	☐	1.000		6459680.81		A	0.4
8	☐	1.000		6411860.11		A	1.6
9	☐	1.000		5884925.26		A	0.7