Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN050623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon May 08 04:14:26 2023
Response Via : Initial Calibration

Calibration Files
0.1 =BN025285.D 0.2 =BN025286.D 0.4 =BN025287.D 0.8 =BN025288.D 1.6 =BN025289.D 3.2 =BN025290.D 5.0 =BN025291.D

		Compound	0.1	0.2	0.4	0.8	1.6	3.2	5.0	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------								
2)		1,4-Dioxane	0.430	0.414	0.499	0.405	0.461	0.382	0.351	0.420	11.69
3)		n-Nitrosodimet...	0.501	0.563	0.762	0.629	0.774	0.648	0.612	0.641	15.46
4)	S	2-Fluorophenol	0.969	0.934	1.151	0.922	1.093	0.901	0.846	0.974	11.19
5)	S	Phenol-d6	1.102	1.115	1.402	1.161	1.421	1.201	1.150	1.222	10.93
6)		bis(2-Chloroet...	0.969	1.000	1.209	1.021	1.267	1.068	1.006	1.077	10.68
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.294	0.294	0.366	0.305	0.380	0.331	0.333	0.329	10.37
9)		Naphthalene	1.008	0.980	1.184	0.952	1.133	0.973	0.954	1.026	9.10
10)		Hexachlorobuta...	0.195	0.188	0.230	0.181	0.210	0.178	0.176	0.194	10.29
11)	SURR	2-Methylnaphth...	0.500	0.482	0.635	0.519	0.622	0.540	0.530	0.547	10.82
12)		2-Methylnaphth...	0.661	0.660	0.836	0.682	0.826	0.714	0.701	0.726	10.27
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.177	0.167	0.221	0.188	0.241	0.218	0.220	0.204	13.41
15)	S	2-Fluorobiphenyl	1.207	1.211	1.624	1.307	1.580	1.351	1.323	1.372	12.16
16)		Acenaphthylene	1.620	1.582	2.047	1.661	2.052	1.795	1.782	1.791	10.77
17)		Acenaphthene	1.042	1.023	1.325	1.038	1.251	1.070	1.048	1.114	10.93
18)		Fluorene	1.429	1.384	1.788	1.421	1.710	1.486	1.466	1.526	10.30
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.023	0.039	0.042	0.073	0.073	0.085	0.056	44.12	
21)		4-Bromophenyl-...	0.214	0.194	0.247	0.206	0.259	0.222	0.221	0.223	10.25
22)		Hexachlorobenzene	0.233	0.223	0.270	0.224	0.273	0.233	0.229	0.241	8.93
23)		Atrazine	0.193	0.180	0.214	0.174	0.221	0.191	0.193	0.195	8.68
24)		Pentachlorophenol	0.030	0.048	0.047	0.075	0.081	0.090	0.062	38.01	
25)		Phenanthrene	1.050	1.013	1.258	1.021	1.267	1.072	1.066	1.107	9.79
26)		Anthracene	0.915	0.901	1.140	0.955	1.225	1.057	1.064	1.037	11.63
27)	SURR	Fluoranthene-d10	0.963	0.930	1.118	0.900	1.112	0.957	0.944	0.989	8.95
28)		Fluoranthene	1.412	1.296	1.558	1.245	1.543	1.321	1.304	1.383	9.05
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.364	1.282	1.596	1.250	1.508	1.288	1.283	1.367	9.74
31)	S	Terphenyl-d14	0.744	0.726	0.943	0.741	0.916	0.791	0.784	0.807	10.86
32)		Benzo(a)anthra...	1.365	1.258	1.544	1.238	1.497	1.278	1.284	1.352	9.04
33)		Chrysene	1.330	1.264	1.615	1.212	1.485	1.267	1.248	1.346	11.05
34)		Bis(2-ethylhex...	1.289	1.040	1.245	0.915	1.092	0.923	0.921	1.061	14.76
35)	I	Perylene-d12	----------ISTD----------								

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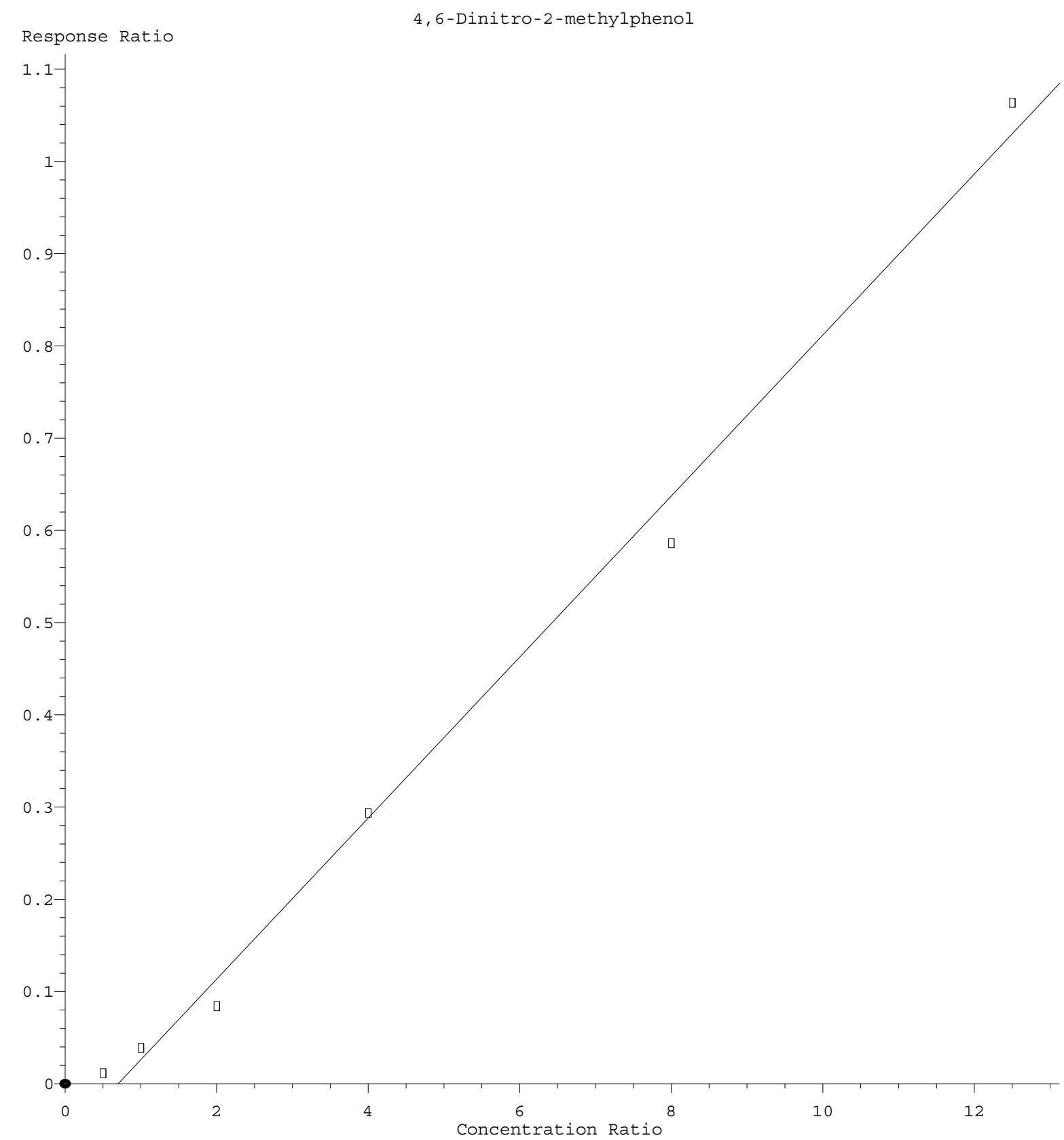
36)		Indeno(1,2,3-c...	1.563	1.490	1.776	1.472	1.811	1.562	1.551	1.604	8.41
37)		Benzo(b)fluora...	1.197	1.141	1.396	1.186	1.452	1.258	1.247	1.268	9.03
38)		Benzo(k)fluora...	1.325	1.281	1.439	1.234	1.485	1.271	1.257	1.327	7.29
39)	C	Benzo(a)pyrene	1.261	1.207	1.429	1.219	1.469	1.257	1.251	1.299	8.09
40)		Dibenzo(a,h)an...	1.172	1.152	1.400	1.180	1.458	1.255	1.246	1.266	9.37
41)		Benzo(g,h,i)pe...	1.409	1.301	1.557	1.275	1.549	1.327	1.317	1.391	8.51

(#) = Out of Range



Response = 8.730e-002 * Amt - 6.117e-002
Coef of Det (r^2) = 0.993377 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA N\Methods\8270-SIM-BN050623.M
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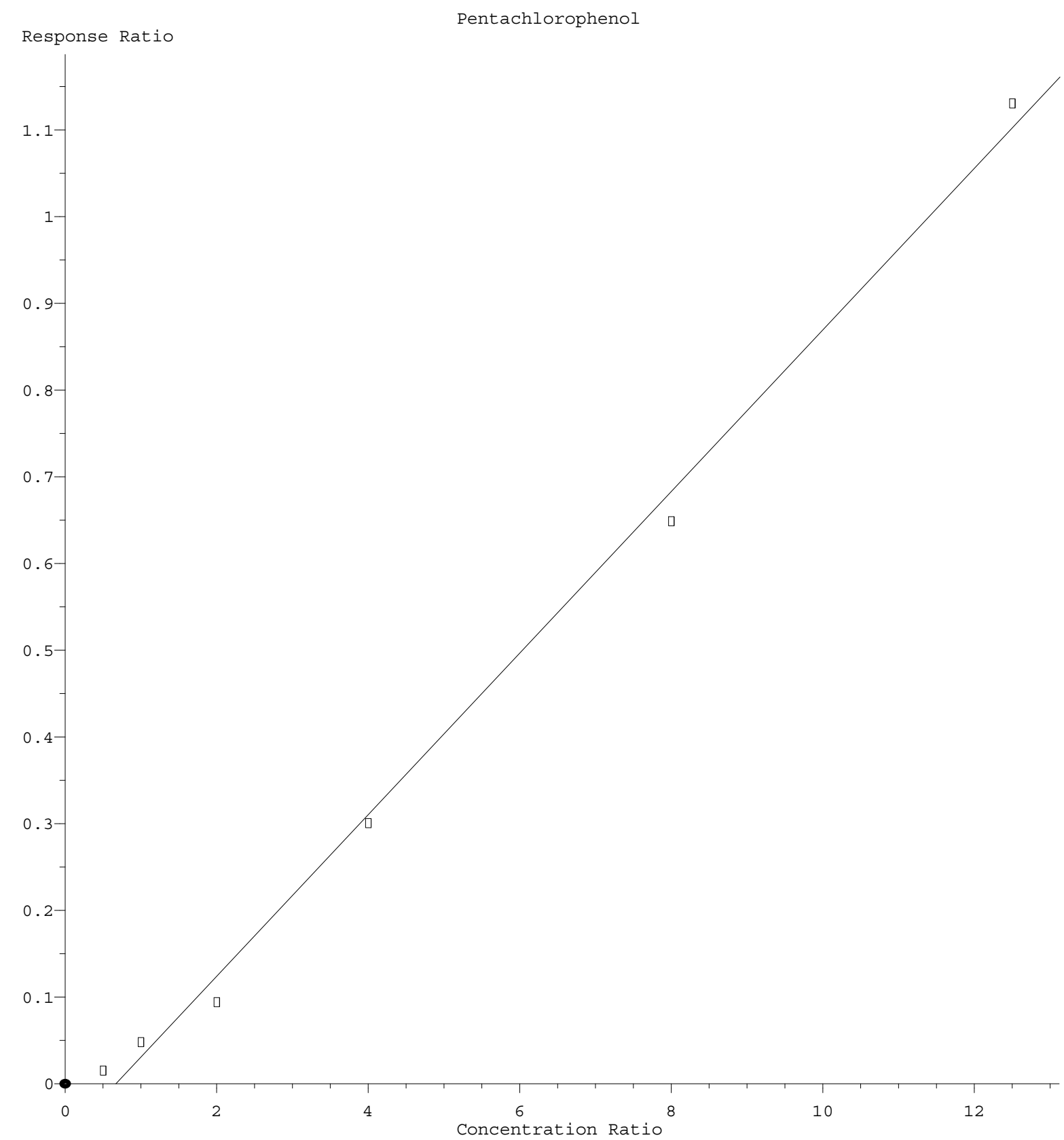

Response = 9.318e-002 * Amt - 6.202e-002
Coef of Det (r^2) = 0.995643 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA N\Methods\8270-SIM-BN050623.M
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