Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN012524.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Jan 26 01:42:55 2024
Response Via : Initial Calibration

Calibration Files
0.1 =BN029381.D 0.2 =BN029382.D 0.4 =BN029383.D 0.8 =BN029384.D 1.6 =BN029385.D 3.2 =BN029386.D 5.0 =BN029387.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	0.591	0.527	0.473	0.561	0.577	0.552	0.493	0.539	8.09
3)		n-Nitrosodimet...	0.469	0.478	0.454	0.546	0.602	0.588	0.534	0.525	11.21
4)	S	2-Fluorophenol	1.175	1.121	0.973	1.115	1.157	1.103	1.011	1.093	6.80
5)	S	Phenol-d6	1.610	1.493	1.290	1.459	1.525	1.493	1.407	1.468	6.83
6)		bis(2-Chloroet...	1.427	1.381	1.196	1.408	1.460	1.398	1.298	1.367	6.63
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.461	0.439	0.353	0.428	0.441	0.428	0.399	0.421	8.44
9)		Naphthalene	1.323	1.304	1.077	1.328	1.358	1.302	1.214	1.272	7.61
10)		Hexachlorobuta...	0.245	0.240	0.200	0.247	0.248	0.236	0.213	0.233	8.08
11)	SURR	2-Methylnaphth...	0.619	0.610	0.544	0.669	0.705	0.676	0.641	0.638	8.33
12)		2-Methylnaphth...	0.841	0.803	0.693	0.852	0.887	0.855	0.802	0.819	7.73
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.193	0.179	0.146	0.176	0.179	0.184	0.176	0.176	8.23
15)	S	2-Fluorobiphenyl	1.970	1.944	1.537	1.947	1.955	1.866	1.721	1.848	8.79
16)		Acenaphthylene	2.072	2.020	1.702	2.187	2.324	2.291	2.214	2.116	10.05
17)		Acenaphthene	1.449	1.432	1.166	1.468	1.516	1.469	1.392	1.413	8.16
18)		Fluorene	1.908	1.873	1.577	1.951	2.034	1.965	1.842	1.879	7.84
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.055	0.049	0.067	0.078	0.085	0.082	0.069	20.94	
21)		4-Bromophenyl-...	0.289	0.274	0.224	0.276	0.289	0.284	0.266	0.272	8.32
22)		Hexachlorobenzene	0.326	0.312	0.263	0.322	0.337	0.322	0.300	0.312	7.88
23)		Atrazine	0.194	0.193	0.166	0.210	0.223	0.225	0.215	0.204	10.23
24)		Pentachlorophenol	0.091	0.084	0.115	0.130	0.139	0.135	0.116	20.30	
25)		Phenanthrene	1.443	1.361	1.133	1.383	1.447	1.426	1.340	1.362	8.01
26)		Anthracene	1.215	1.140	0.974	1.208	1.304	1.329	1.245	1.202	9.88
27)	SURR	Fluoranthene-d10	1.105	1.085	0.924	1.186	1.273	1.284	1.212	1.153	10.94
28)		Fluoranthene	1.570	1.496	1.296	1.647	1.766	1.771	1.654	1.600	10.39
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.994	1.857	1.548	1.871	1.936	1.817	1.693	1.816	8.35
31)	S	Terphenyl-d14	1.121	1.026	0.850	1.018	1.066	0.980	0.913	0.996	9.19
32)		Benzo(a)anthra...	1.615	1.616	1.320	1.657	1.801	1.744	1.644	1.628	9.38
33)		Chrysene	1.761	1.690	1.420	1.759	1.864	1.747	1.607	1.693	8.46
34)		Bis(2-ethylhex...	1.403	1.038	0.757	0.900	0.965	0.986	0.945	0.999	19.93
35)	I	Perylene-d12	----------ISTD----------								

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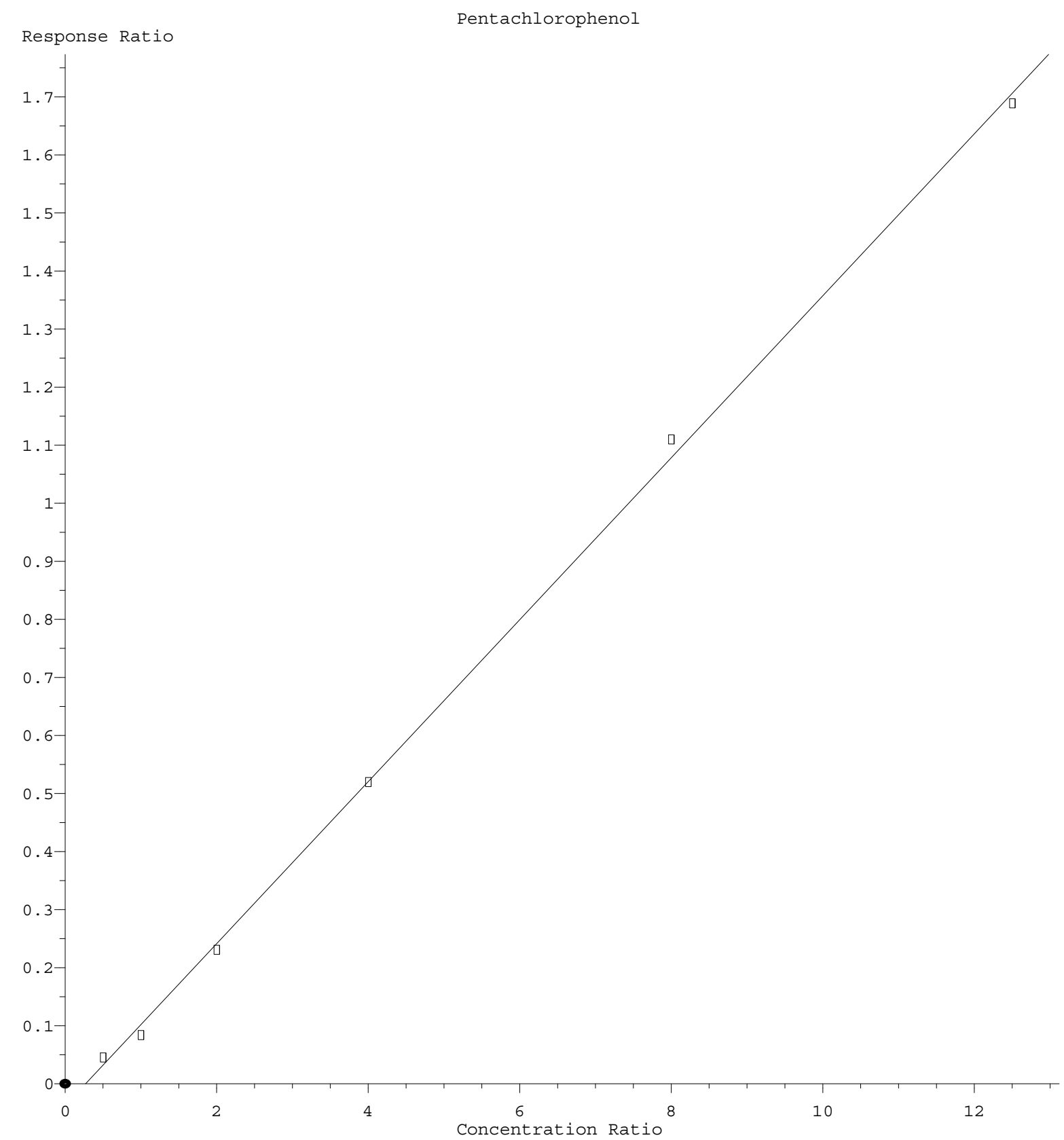
36)		Indeno(1,2,3-c...	1.569	1.603	1.350	1.775	1.939	1.962	1.919	1.731	13.38
37)		Benzo(b)fluora...	1.614	1.649	1.431	1.757	1.857	1.816	1.713	1.691	8.48
38)		Benzo(k)fluora...	1.561	1.575	1.355	1.715	1.833	1.813	1.674	1.647	10.08
39)	C	Benzo(a)pyrene	1.251	1.289	1.104	1.394	1.518	1.525	1.470	1.364	11.50
40)		Dibenzo(a,h)an...	1.242	1.253	1.088	1.445	1.580	1.590	1.548	1.392	14.25
41)		Benzo(g,h,i)pe...	1.426	1.439	1.202	1.562	1.672	1.668	1.627	1.514	11.28

(#) = Out of Range



Response = 1.396e-001 * Amt - 3.831e-002
Coef of Det (r^2) = 0.999119 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA N\Methods\8270-SIM-BN012524.M
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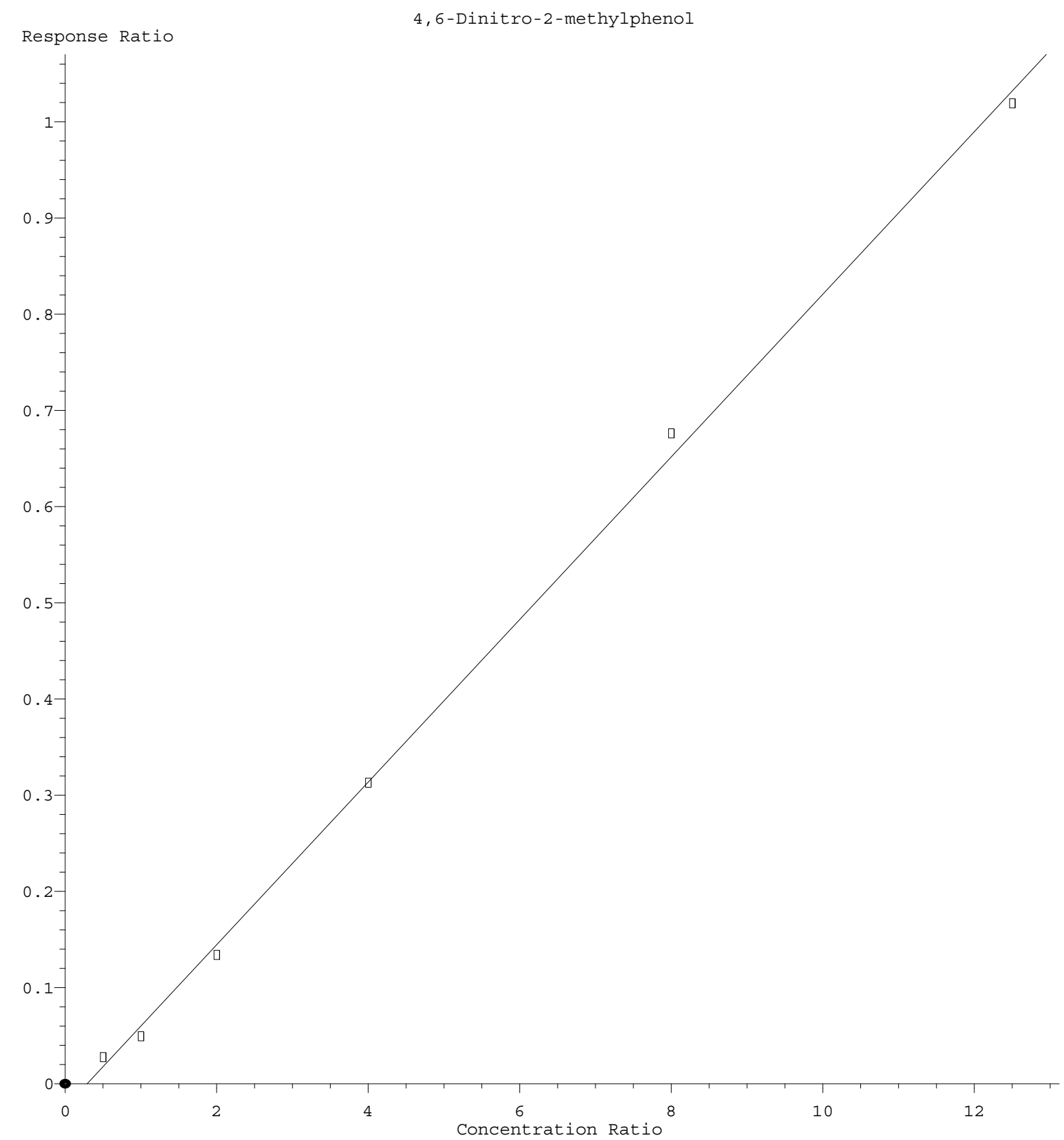

Response = 8.459e-002 * Amt - 2.485e-002
Coef of Det (r^2) = 0.998631 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA N\Methods\8270-SIM-BN012524.M
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