Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN031323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Mar 14 03:11:52 2023
Response Via : Initial Calibration

Calibration Files
0.1 =BN024243.D 0.2 =BN024244.D 0.4 =BN024245.D 0.8 =BN024246.D 1.6 =BN024247.D 3.2 =BN024248.D 5.0 =BN024249.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	0.464	0.430	0.456	0.430	0.490	0.402	0.375	0.435	8.92
3)		n-Nitrosodimet...	0.626	0.623	0.650	0.637	0.743	0.613	0.575	0.638	8.14
4)	S	2-Fluorophenol	0.913	0.862	0.885	0.842	1.008	0.861	0.829	0.886	6.84
5)	S	Phenol-d6	1.130	1.070	1.109	1.075	1.324	1.141	1.114	1.138	7.58
6)		bis(2-Chloroet...	1.142	1.109	1.163	1.109	1.287	1.079	1.014	1.129	7.49
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.246	0.241	0.252	0.248	0.313	0.280	0.291	0.267	10.27
9)		Naphthalene	1.009	0.976	1.004	0.976	1.170	0.999	0.984	1.017	6.75
10)		Hexachlorobuta...	0.192	0.190	0.194	0.185	0.219	0.187	0.182	0.193	6.45
11)	SURR	2-Methylnaphth...	0.477	0.464	0.479	0.468	0.570	0.492	0.492	0.492	7.36
12)		2-Methylnaphth...	0.661	0.646	0.669	0.656	0.798	0.691	0.687	0.687	7.53
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.188	0.174	0.186	0.183	0.244	0.223	0.233	0.204	13.67
15)	S	2-Fluorobiphenyl	1.494	1.466	1.496	1.429	1.736	1.495	1.461	1.511	6.77
16)		Acenaphthylene	1.756	1.741	1.811	1.772	2.256	1.971	1.972	1.897	9.79
17)		Acenaphthene	1.136	1.129	1.182	1.132	1.421	1.229	1.226	1.208	8.56
18)		Fluorene	1.346	1.350	1.403	1.370	1.717	1.476	1.440	1.443	8.99
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...		0.036	0.042	0.044	0.070	0.070		0.053	30.98
21)		4-Bromophenyl-...	0.232	0.220	0.230	0.222	0.276	0.241	0.244	0.238	8.05
22)		Hexachlorobenzene	0.290	0.276	0.284	0.276	0.337	0.290	0.288	0.292	7.20
23)		Atrazine	0.132	0.124	0.133	0.131	0.183	0.172	0.181	0.151	17.48
24)		Pentachlorophenol		0.096	0.116	0.121	0.179	0.168		0.136	26.20
25)		Phenanthrene	1.126	1.108	1.152	1.122	1.397	1.191	1.201	1.185	8.41
26)		Anthracene	0.987	0.967	1.023	1.011	1.322	1.161	1.185	1.094	12.03
27)	SURR	Fluoranthene-d10	0.793	0.772	0.812	0.788	1.009	0.874	0.888	0.848	9.84
28)		Fluoranthene	1.178	1.157	1.245	1.224	1.568	1.352	1.357	1.297	10.98
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.581	1.550	1.632	1.553	1.831	1.615	1.583	1.621	6.01
31)	S	Terphenyl-d14	0.682	0.666	0.680	0.608	0.759	0.659	0.667	0.674	6.61
32)		Benzo(a)anthra...	1.243	1.237	1.279	1.273	1.574	1.373	1.369	1.336	8.91
33)		Chrysene	1.402	1.360	1.432	1.351	1.644	1.412	1.376	1.425	7.06
34)		Bis(2-ethylhex...	0.628	0.565	0.578	0.547	0.709	0.668	0.706	0.629	10.72
35)	I	Perylene-d12	----------ISTD----------								

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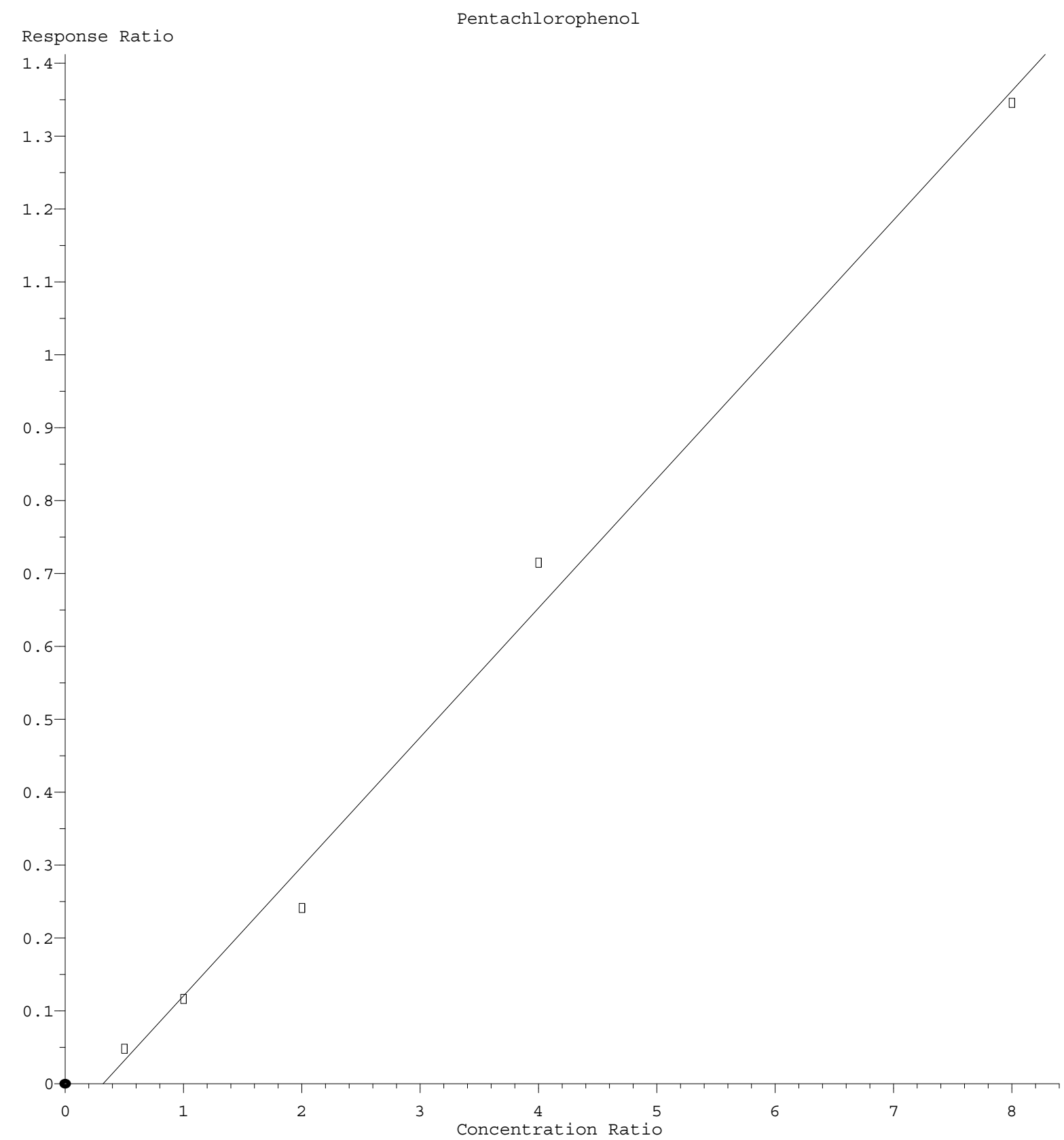
36)		Indeno(1,2,3-c...	1.282	1.295	1.426	1.391	1.841	1.611	1.636	1.498	13.73
37)		Benzo(b)fluora...	1.425	1.439	1.465	1.478	1.817	1.629	1.637	1.556	9.30
38)		Benzo(k)fluora...	1.398	1.401	1.517	1.516	1.926	1.741	1.735	1.605	12.42
39)	C	Benzo(a)pyrene	1.240	1.218	1.337	1.358	1.733	1.535	1.566	1.427	13.29
40)		Dibenzo(a,h)an...	0.962	1.007	1.093	1.079	1.441	1.257	1.287	1.161	14.84
41)		Benzo(g,h,i)pe...	1.205	1.240	1.290	1.279	1.650	1.399	1.418	1.354	11.23

(#) = Out of Range



Response = 1.775e-001 * Amt - 5.701e-002
Coef of Det (r^2) = 0.993523 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA N\Methods\8270-SIM-BN031323.M
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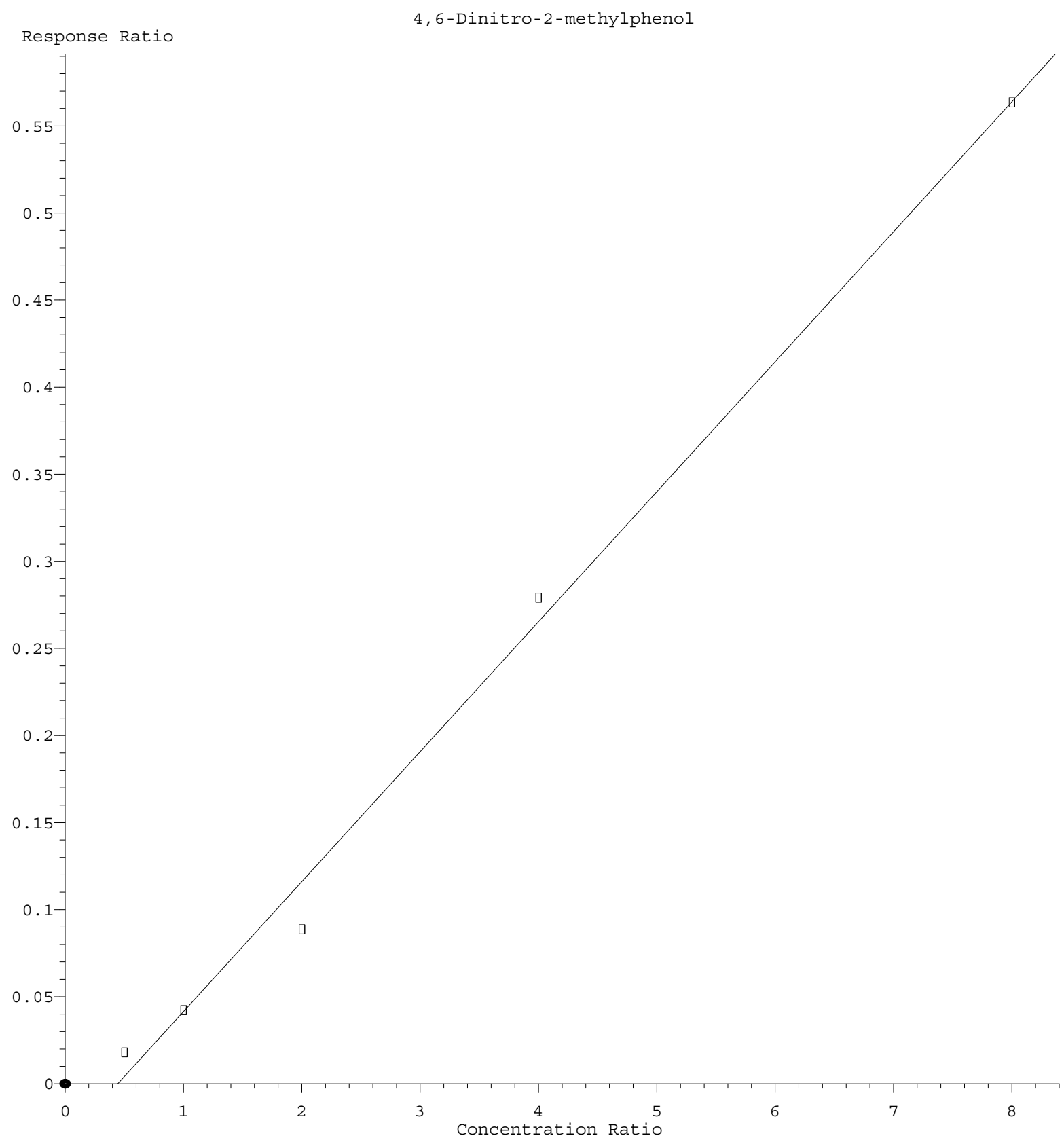

Response = 7.470e-002 * Amt - 3.327e-002
Coef of Det (r^2) = 0.994570 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA N\Methods\8270-SIM-BN031323.M
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