Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN033024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Sat Mar 30 00:04:36 2024
Response Via : Initial Calibration

Calibration Files
0.1 =BN030532.D 0.2 =BN030533.D 0.4 =BN030534.D 0.8 =BN030535.D 1.6 =BN030536.D 3.2 =BN030537.D 5.0 =BN030538.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	0.522	0.552	0.483	0.464	0.474	0.452	0.432	0.483	8.53
3)		n-Nitrosodimet...	0.424	0.449	0.445	0.461	0.509	0.495	0.483	0.467	6.52
4)	S	2-Fluorophenol	0.825	0.856	0.818	0.836	0.921	0.920	0.920	0.871	5.47
5)	S	Phenol-d6	1.020	1.058	1.030	1.067	1.201	1.226	1.238	1.120	8.67
6)		bis(2-Chloroet...	1.052	1.091	1.066	1.077	1.179	1.149	1.122	1.105	4.21
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.264	0.268	0.264	0.271	0.299	0.300	0.302	0.281	6.47
9)		Naphthalene	1.078	1.121	1.069	1.083	1.166	1.133	1.110	1.109	3.14
10)		Hexachlorobuta...	0.224	0.234	0.224	0.224	0.235	0.225	0.219	0.226	2.67
11)	SURR	2-Methylnaphth...	0.579	0.602	0.586	0.601	0.648	0.637	0.630	0.612	4.33
12)		2-Methylnaphth...	0.695	0.716	0.698	0.712	0.774	0.757	0.744	0.728	4.20
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.131	0.131	0.126	0.141	0.162	0.176	0.190	0.151	16.64
15)	S	2-Fluorobiphenyl	1.642	1.618	1.481	1.503	1.573	1.517	1.490	1.546	4.19
16)		Acenaphthylene	1.631	1.704	1.647	1.740	1.957	1.986	2.016	1.812	9.29
17)		Acenaphthene	1.185	1.228	1.179	1.233	1.332	1.318	1.309	1.255	5.13
18)		Fluorene	1.518	1.589	1.542	1.613	1.751	1.718	1.705	1.634	5.60
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...		0.034	0.038	0.043	0.052	0.059		0.045	23.11
21)		4-Bromophenyl-...	0.231	0.236	0.231	0.234	0.254	0.255	0.252	0.242	4.69
22)		Hexachlorobenzene	0.284	0.293	0.277	0.283	0.300	0.294	0.289	0.289	2.71
23)		Atrazine	0.159	0.157	0.157	0.167	0.190	0.198	0.202	0.176	11.64
24)		Pentachlorophenol		0.066	0.073	0.084	0.101	0.115		0.087	22.96
25)		Phenanthrene	1.120	1.173	1.131	1.167	1.260	1.243	1.212	1.187	4.55
26)		Anthracene	0.880	0.908	0.904	0.965	1.075	1.114	1.119	0.995	10.53
27)	SURR	Fluoranthene-d10	0.982	1.029	1.006	1.065	1.152	1.158	1.156	1.078	7.07
28)		Fluoranthene	1.302	1.329	1.317	1.399	1.528	1.517	1.477	1.410	6.90
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.517	1.537	1.515	1.542	1.645	1.615	1.588	1.566	3.24
31)	S	Terphenyl-d14	0.938	0.905	0.892	0.924	0.965	0.936	0.907	0.924	2.69
32)		Benzo(a)anthra...	1.363	1.314	1.306	1.373	1.525	1.516	1.518	1.417	7.02
33)		Chrysene	1.577	1.509	1.466	1.474	1.579	1.532	1.494	1.519	3.03
34)		Bis(2-ethylhex...	0.569	0.555	0.525	0.544	0.636	0.712	0.761	0.614	14.86
35)	I	Perylene-d12	----------ISTD----------								

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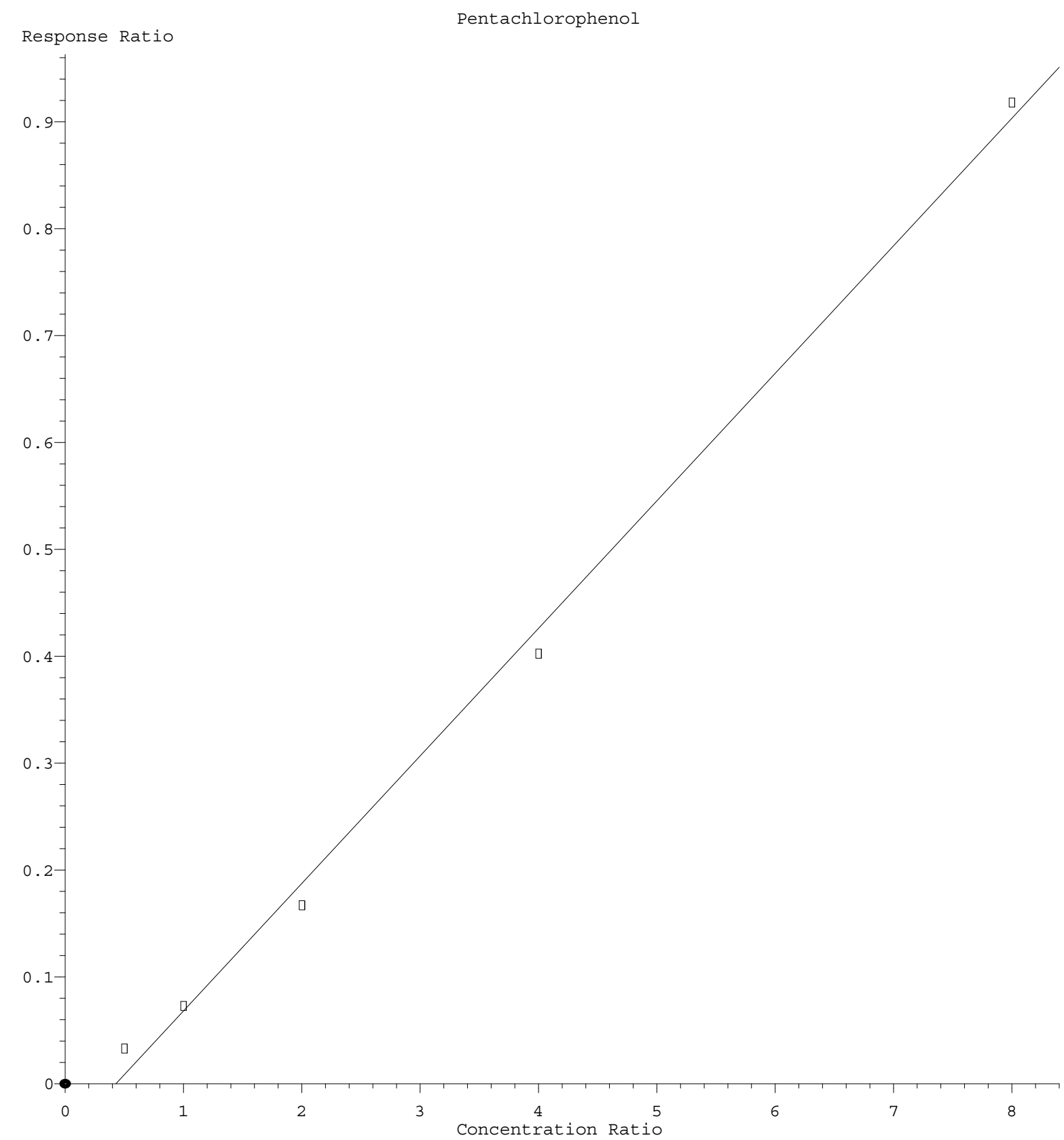
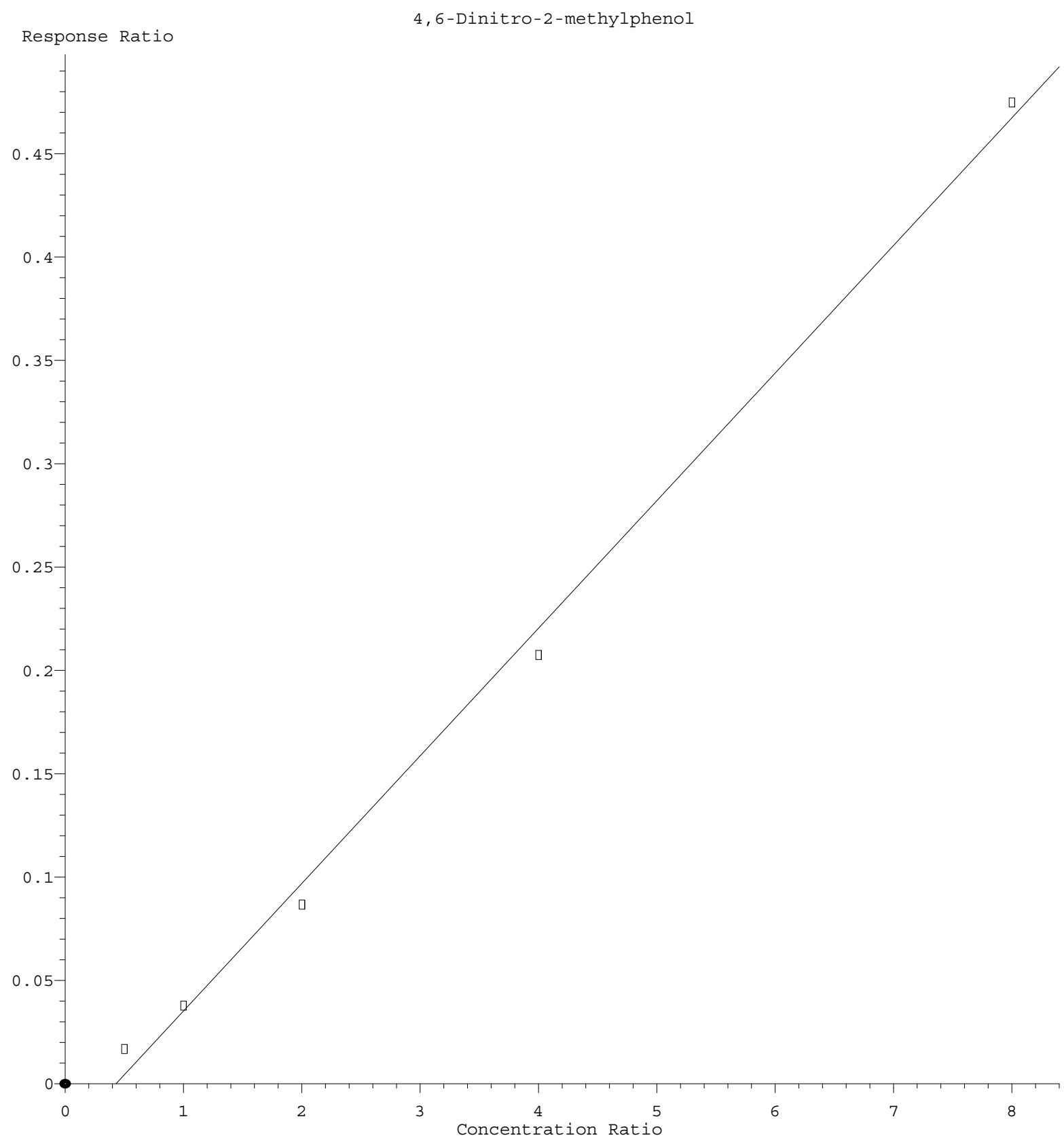
36)		Indeno(1,2,3-c...	1.702	1.665	1.619	1.688	1.936	1.903	1.884	1.771	7.42
37)		Benzo(b)fluora...	1.532	1.528	1.538	1.643	1.715	1.729	1.708	1.627	5.72
38)		Benzo(k)fluora...	1.530	1.549	1.558	1.647	1.744	1.711	1.694	1.633	5.34
39)	C	Benzo(a)pyrene	1.233	1.187	1.176	1.265	1.400	1.422	1.440	1.303	8.75
40)		Dibenzo(a,h)an...	1.327	1.313	1.282	1.354	1.551	1.514	1.489	1.404	7.83
41)		Benzo(g,h,i)pe...	1.479	1.470	1.420	1.436	1.607	1.583	1.573	1.509	5.04

(#) = Out of Range



Response = 1.193e-001 * Amt - 5.123e-002
Coef of Det (r^2) = 0.996585 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA N\Methods\8270-SIM-BN033024.M
Calibration Table Last Updated: Sat Mar 30 00:04:36 2024



Response = 6.168e-002 * Amt - 2.651e-002
Coef of Det (r^2) = 0.996546 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA N\Methods\8270-SIM-BN033024.M
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