Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Dec 20 18:03:30 2023
Response Via : Initial Calibration

Calibration Files
0.1 =BN029131.D 0.2 =BN029132.D 0.4 =BN029133.D 0.8 =BN029134.D 1.6 =BN029135.D 3.2 =BN029136.D 5.0 =BN029137.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	0.403	0.416	0.371	0.387	0.374	0.369	0.319	0.377	8.20
3)		n-Nitrosodimet...	0.263	0.259	0.238	0.243	0.265	0.284	0.257	0.259	5.93
4)	S	2-Fluorophenol	1.057	0.993	0.902	0.959	0.991	0.971	0.832	0.958	7.54
5)	S	Phenol-d6	1.147	1.032	0.985	1.073	1.097	1.082	0.950	1.052	6.46
6)		bis(2-Chloroet...	0.937	0.792	0.743	0.836	0.833	0.843	0.739	0.818	8.34
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.586	0.487	0.472	0.538	0.543	0.528	0.494	0.521	7.54
9)		Naphthalene	1.343	1.327	1.229	1.353	1.359	1.313	1.198	1.303	4.88
10)		Hexachlorobuta...	0.468	0.432	0.409	0.434	0.442	0.428	0.391	0.429	5.69
11)	SURR	2-Methylnaphth...	0.583	0.541	0.562	0.642	0.662	0.644	0.608	0.606	7.55
12)		2-Methylnaphth...	0.856	0.802	0.788	0.897	0.904	0.894	0.823	0.852	5.67
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.448	0.399	0.279	0.352	0.326	0.332	0.312	0.350	16.33
15)	S	2-Fluorobiphenyl	2.387	2.242	2.070	2.456	2.421	2.447	2.327	2.336	5.96
16)		Acenaphthylene	2.990	2.759	2.522	2.932	2.853	2.920	2.756	2.819	5.59
17)		Acenaphthene	1.830	1.658	1.475	1.765	1.719	1.755	1.635	1.691	6.85
18)		Fluorene	2.397	2.278	2.013	2.410	2.287	2.314	2.260	2.280	5.75
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.149	0.106	0.134	0.166	0.194	0.188	0.187	0.160	20.42
21)		4-Bromophenyl-...	0.493	0.387	0.378	0.428	0.418	0.410	0.383	0.414	9.58
22)		Hexachlorobenzene	0.512	0.509	0.450	0.500	0.502	0.465	0.434	0.482	6.55
23)		Atrazine	0.355	0.356	0.323	0.374	0.359	0.338	0.323	0.347	5.64
24)		Pentachlorophenol	0.270	0.267	0.281	0.301	0.303	0.297	0.280	0.286	5.20
25)		Phenanthrene	1.784	1.668	1.508	1.725	1.708	1.641	1.518	1.650	6.30
26)		Anthracene	1.660	1.623	1.474	1.632	1.686	1.608	1.485	1.595	5.21
27)	SURR	Fluoranthene-d10	0.999	0.994	0.887	0.980	1.018	0.979	0.921	0.968	4.84
28)		Fluoranthene	1.800	1.737	1.551	1.749	1.791	1.709	1.606	1.706	5.50
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	3.348	3.257	2.939	3.206	3.148	3.173	2.986	3.151	4.59
31)	S	Terphenyl-d14	1.229	1.138	0.969	1.116	1.089	1.110	1.041	1.099	7.33
32)		Benzo(a)anthra...	2.190	2.230	2.016	2.259	2.228	2.321	2.155	2.200	4.38
33)		Chrysene	2.164	2.272	2.020	2.212	2.216	2.247	2.094	2.175	4.13
34)		Bis(2-ethylhex...	3.843	2.640	2.348	2.514	2.342	2.378	2.171	2.605	21.70
35)	I	Perylene-d12	----------ISTD----------								

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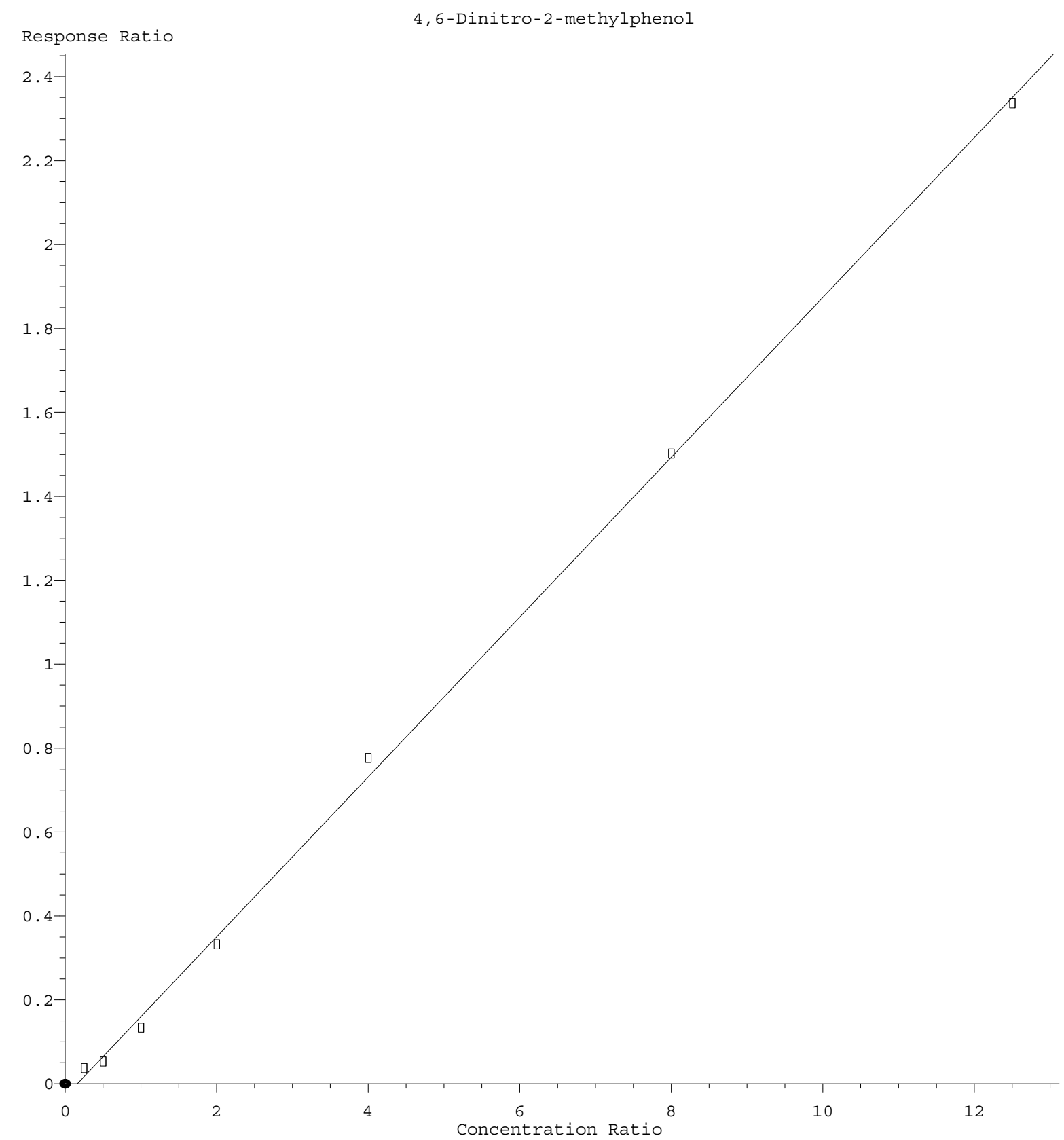
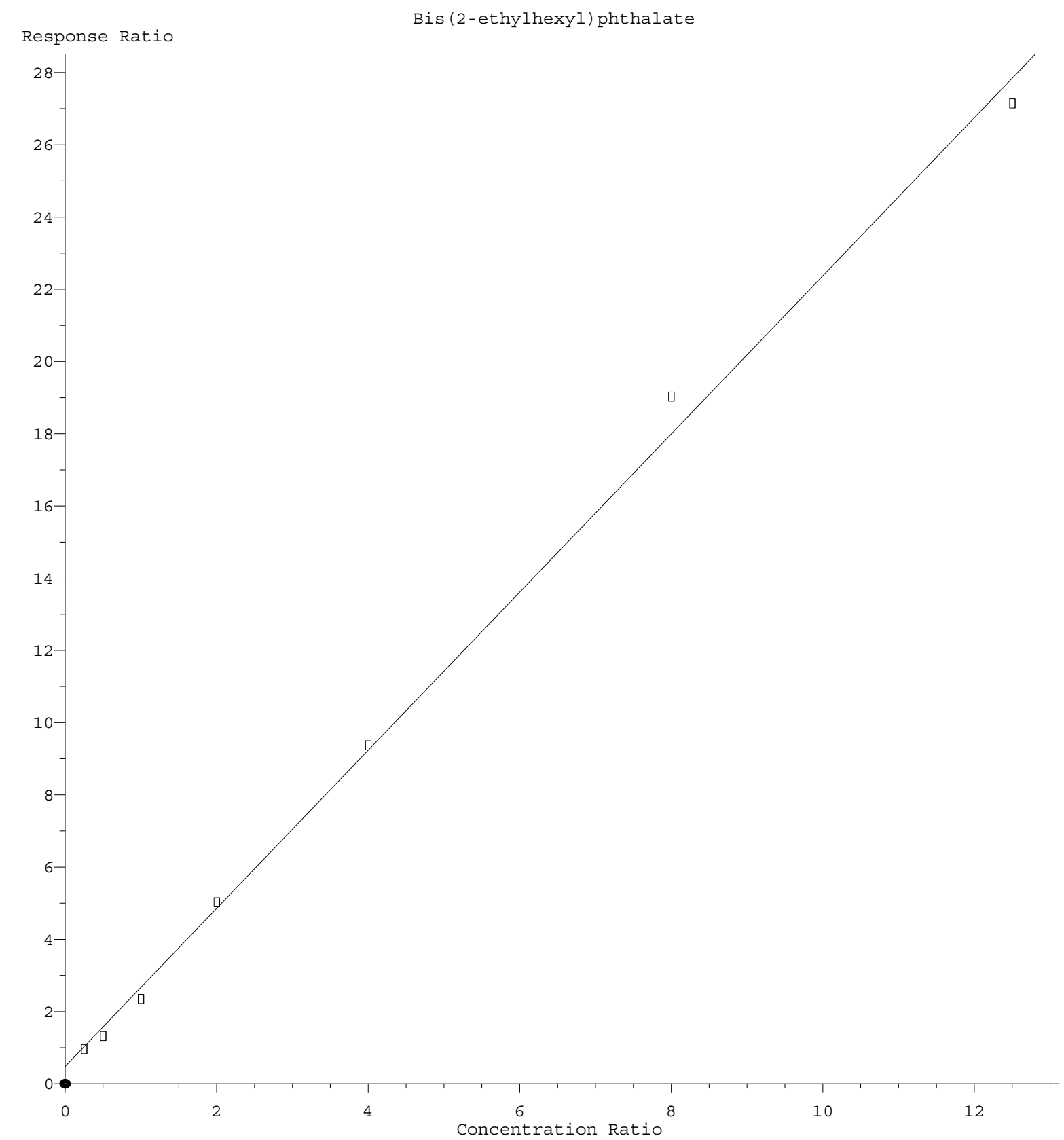
36)		Indeno(1,2,3-c...	2.504	2.547	2.401	2.676	2.771	2.682	2.452	2.576	5.29
37)		Benzo(b)fluora...	1.992	1.969	1.824	2.094	2.205	2.167	1.990	2.034	6.43
38)		Benzo(k)fluora...	1.792	1.957	1.833	2.106	2.195	2.091	1.970	1.992	7.41
39)	C	Benzo(a)pyrene	1.703	1.795	1.689	1.887	1.957	1.898	1.778	1.815	5.61
40)		Dibenzo(a,h)an...	1.894	1.907	1.801	2.090	2.167	2.102	1.911	1.982	6.88
41)		Benzo(g,h,i)pe...	2.165	2.155	2.051	2.266	2.344	2.243	2.047	2.182	5.07

(#) = Out of Range



Response = 1.904e-001 * Amt - 2.989e-002
Coef of Det (r^2) = 0.999168 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA N\Methods\8270-SIM-BN122023.M
Calibration Table Last Updated: Wed Dec 20 18:03:30 2023



Response = 2.189e+000 * Amt + 4.806e-001
Coef of Det (r^2) = 0.997106 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA N\Methods\8270-SIM-BN122023.M
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