Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN110123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Nov 02 06:26:50 2023
Response Via : Initial Calibration

Calibration Files
0.1 =BN028405.D 0.2 =BN028406.D 0.4 =BN028407.D 0.8 =BN028408.D 1.6 =BN028409.D 3.2 =BN028410.D 5.0 =BN028411.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	0.542	0.520	0.441	0.455	0.370	0.395	0.377	0.443	15.40
3)		n-Nitrosodimet...	0.498	0.500	0.493	0.536	0.449	0.496	0.488	0.494	5.18
4)	S	2-Fluorophenol	1.275	1.192	0.970	1.103	0.860	0.939	0.974	1.045	14.30
5)	S	Phenol-d6	1.662	1.473	1.198	1.374	1.084	1.218	1.255	1.323	14.73
6)		bis(2-Chloroet...	1.281	1.232	1.134	1.199	0.998	1.094	1.082	1.146	8.53
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.287	0.255	0.240	0.258	0.220	0.255	0.294	0.259	9.83
9)		Naphthalene	1.123	1.103	1.089	1.109	0.939	1.074	1.121	1.080	5.98
10)		Hexachlorobuta...	0.194	0.189	0.180	0.185	0.154	0.173	0.183	0.180	7.35
11)	SURR	2-Methylnaphth...	0.582	0.577	0.572	0.591	0.499	0.577	0.607	0.572	6.03
12)		2-Methylnaphth...	0.777	0.761	0.752	0.779	0.657	0.756	0.785	0.752	5.85
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.171	0.147	0.133	0.155	0.129	0.160	0.197	0.156	14.91
15)	S	2-Fluorobiphenyl	0.565	0.526	0.482	0.478	0.389	0.420	0.465	0.475	12.56
16)		Acenaphthylene	2.122	1.896	1.913	1.988	1.706	2.027	2.178	1.976	7.95
17)		Acenaphthene	1.261	1.228	1.247	1.300	1.100	1.279	1.354	1.253	6.28
18)		Fluorene	1.754	1.690	1.701	1.767	1.504	1.730	1.787	1.705	5.57
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.027	0.024	0.027	0.031	0.029	0.040		0.030	18.21
21)		4-Bromophenyl-...	0.206	0.214	0.226	0.230	0.193	0.233	0.251	0.222	8.70
22)		Hexachlorobenzene	0.238	0.234	0.239	0.241	0.202	0.236	0.248	0.234	6.40
23)		Atrazine	0.201	0.179	0.177	0.185	0.155	0.191	0.212	0.186	9.86
24)		Pentachlorophenol		0.080	0.074	0.091	0.075	0.101		0.084	13.65
25)		Phenanthrene	1.204	1.172	1.204	1.220	1.018	1.198	1.255	1.182	6.47
26)		Anthracene	1.225	1.088	1.110	1.140	0.956	1.156	1.223	1.128	8.14
27)	SURR	Fluoranthene-d10	1.016	0.974	0.996	1.014	0.848	1.006	1.067	0.989	6.91
28)		Fluoranthene	1.535	1.340	1.378	1.405	1.185	1.378	1.433	1.379	7.67
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.834	1.710	1.709	1.672	1.433	1.618	1.703	1.668	7.34
31)	S	Terphenyl-d14	0.954	0.876	0.835	0.839	0.716	0.805	0.870	0.842	8.66
32)		Benzo(a)anthra...	2.142	1.515	1.531	1.508	1.301	1.510	1.606	1.587	16.48
33)		Chrysene	2.069	1.577	1.564	1.531	1.298	1.479	1.549	1.581	14.88
34)		Bis(2-ethylhex...		0.883	0.834	0.791	0.665	0.796	0.955	0.821	11.89
35)	I	Perylene-d12	----------ISTD----------								

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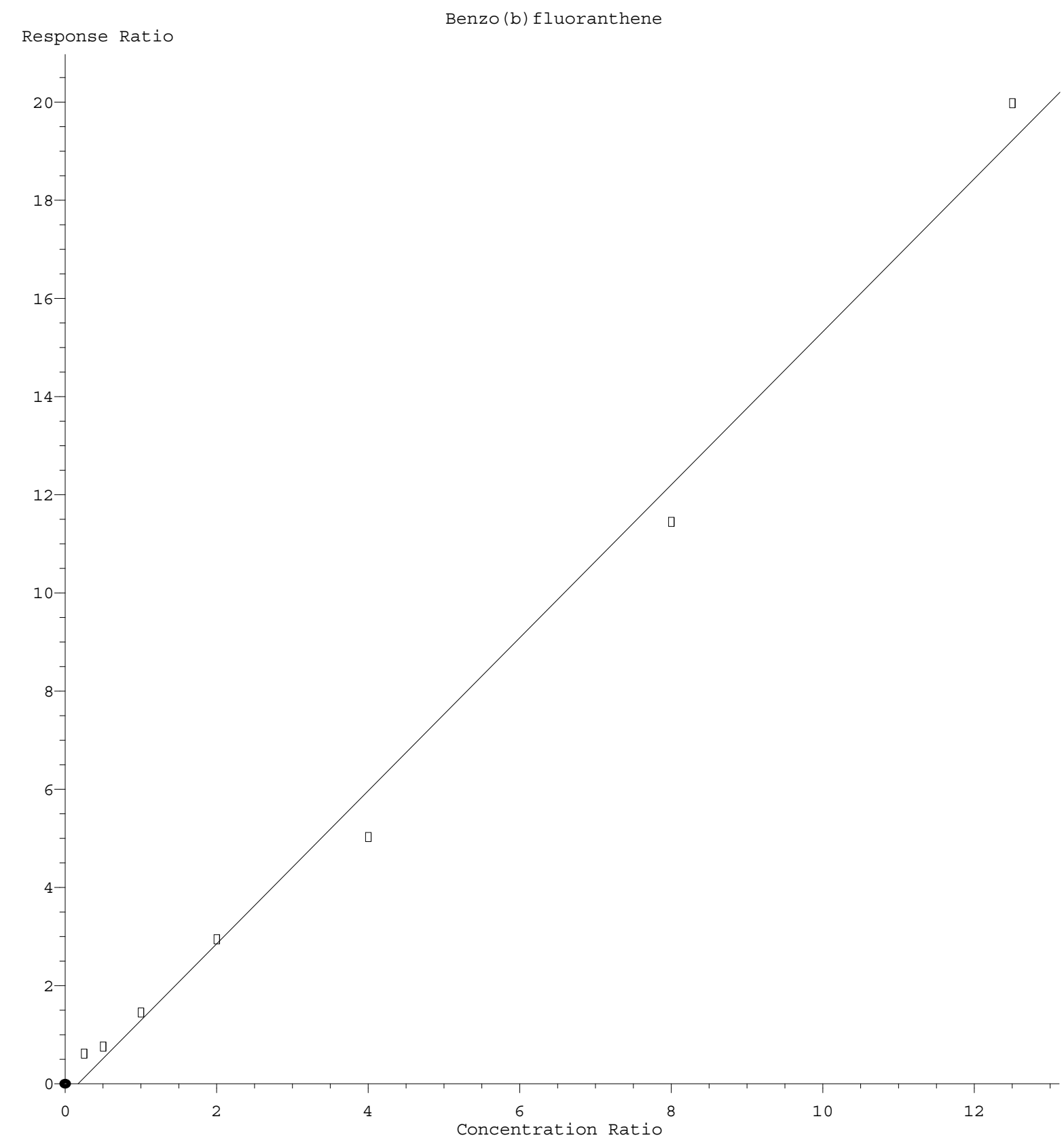
36)		Indeno(1,2,3-c...	2.388	1.503	1.453	1.522	1.308	1.542	1.589	1.615	21.82
37)		Benzo(b)fluora...	2.452	1.515	1.451	1.472	1.257	1.431	1.598	1.596	24.50
38)		Benzo(k)fluora...	2.178	1.488	1.444	1.515	1.267	1.473	1.598	1.566	18.39
39)	C	Benzo(a)pyrene	1.826	1.238	1.226	1.319	1.132	1.334	1.459	1.362	16.79
40)		Dibenzo(a,h)an...	1.710	1.209	1.177	1.238	1.071	1.252	1.298	1.279	15.87
41)		Benzo(g,h,i)pe...	1.934	1.297	1.263	1.327	1.140	1.296	1.331	1.370	18.78

(#) = Out of Range



Response = 1.559e+000 * Amt - 2.620e-001
Coef of Det (r^2) = 0.992423 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA N\Methods\8270-SIM-BN110123.M
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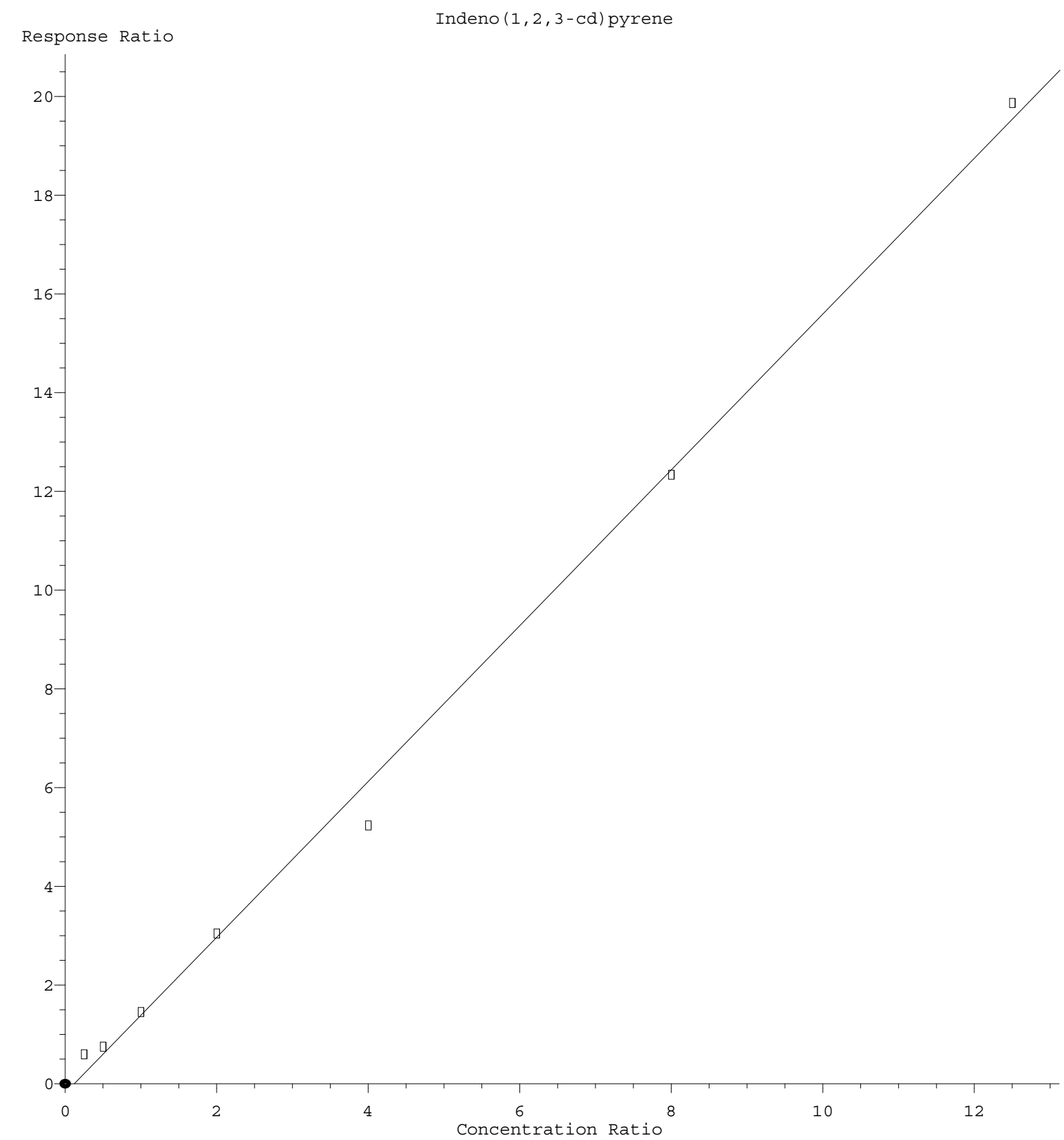

Response = 1.579e+000 * Amt - 1.873e-001
Coef of Det (r^2) = 0.996566 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA N\Methods\8270-SIM-BN110123.M
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