

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121525\
 Data File : BN038408.D
 Acq On : 15 Dec 2025 17:09
 Operator : RC/JU
 Sample : Q3839-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AN7

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/16/2025
 Supervised By :Jagrut Upadhyay 12/16/2025

Quant Time: Dec 15 23:54:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 10 13:56:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	5938	0.400	ng	-0.01
7) Naphthalene-d8	10.509	136	16261	0.400	ng	#-0.02
13) Acenaphthene-d10	14.388	164	8787	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	16515	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	13627	0.400	ng	# 0.00
35) Perylene-d12	23.619	264	15049	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	3973	0.269	ng	0.00
5) Phenol-d6	6.880	99	4311	0.245	ng	0.00
8) Nitrobenzene-d5	8.865	82	3145	0.229	ng	-0.01
11) 2-Methylnaphthalene-d10	12.116	152	3884	0.169	ng	0.00
14) 2,4,6-Tribromophenol	15.883	330	909	0.233	ng	-0.01
15) 2-Fluorobiphenyl	13.004	172	9315	0.220	ng	0.00
27) Fluoranthene-d10	19.178	212	4491	0.110	ng	0.00
31) Terphenyl-d14	19.778	244	4423	0.145	ng	-0.01
Target Compounds						Qvalue
9) Naphthalene	10.562	128	31576	0.657	ng	100
12) 2-Methylnaphthalene	12.187	142	27152	0.890	ng	100
16) Acenaphthylene	14.099	152	5479	0.127	ng	# 86
17) Acenaphthene	14.441	154	7085	0.236	ng	96
18) Fluorene	15.435	166	7767	0.201	ng	# 92
25) Phenanthrene	17.173	178	166252	2.892	ng	98
26) Anthracene	17.273	178	34836	0.703	ng	96
28) Fluoranthene	19.206	202	152354	2.494	ng	99
30) Pyrene	19.569	202	120522	1.797	ng	97
32) Benzo(a)anthracene	21.322	228	47499	0.902	ng	98
33) Chrysene	21.367	228	48357	0.834	ng	97
34) Bis(2-ethylhexyl)phtha...	21.259	149	3918	0.136	ng	# 92
36) Indeno(1,2,3-cd)pyrene	25.934	276	26852	0.336	ng	94
37) Benzo(b)fluoranthene	22.932	252	61760	0.894	ng	98
38) Benzo(k)fluoranthene	22.973	252	21739m	0.315	ng	
39) Benzo(a)pyrene	23.516	252	39704m	0.702	ng	
40) Dibenzo(a,h)anthracene	25.943	278	7068	0.115	ng	# 73
41) Benzo(g,h,i)perylene	26.639	276	30092	0.437	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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