

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121525\
 Data File : BN038407.D
 Acq On : 15 Dec 2025 16:33
 Operator : RC/JU
 Sample : Q3839-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AN4

Manual Integrations
 APPROVED

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

Quant Time: Dec 15 17:01:24 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	5454	0.400	ng	-0.01
7) Naphthalene-d8	10.509	136	15212	0.400	ng	#-0.02
13) Acenaphthene-d10	14.388	164	8408	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	15491	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	14423	0.400	ng	0.00
35) Perylene-d12	23.619	264	15537	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	3311	0.244	ng	0.00
5) Phenol-d6	6.879	99	3707	0.230	ng	0.00
8) Nitrobenzene-d5	8.865	82	2831	0.221	ng	-0.01
11) 2-Methylnaphthalene-d10	12.116	152	4478	0.209	ng	-0.01
14) 2,4,6-Tribromophenol	15.883	330	1160	0.311	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	10325	0.255	ng	0.00
27) Fluoranthene-d10	19.174	212	6920	0.181	ng	-0.01
31) Terphenyl-d14	19.778	244	6299	0.196	ng	-0.01
Target Compounds						Qvalue
9) Naphthalene	10.562	128	25544	0.568	ng	100
12) 2-Methylnaphthalene	12.187	142	30803	1.079	ng	99
16) Acenaphthylene	14.099	152	1678	0.041	ng	# 50
17) Acenaphthene	14.452	154	1116	0.039	ng	# 54
18) Fluorene	15.435	166	3086	0.083	ng	# 81
25) Phenanthrene	17.173	178	44755	0.830	ng	98
28) Fluoranthene	19.206	202	30316	0.529	ng	97
30) Pyrene	19.568	202	27122	0.382	ng	96
32) Benzo(a)anthracene	21.313	228	16219	0.291	ng	# 92
33) Chrysene	21.366	228	19768	0.322	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.259	149	2539	0.083	ng	# 100
36) Indeno(1,2,3-cd)pyrene	25.934	276	10084	0.122	ng	96
37) Benzo(b)fluoranthene	22.929	252	22227	0.311	ng	# 88
38) Benzo(k)fluoranthene	22.970	252	7679m	0.108	ng	
39) Benzo(a)pyrene	23.516	252	12137	0.208	ng	# 83
40) Dibenzo(a,h)anthracene	25.946	278	2767	0.044	ng	# 37
41) Benzo(g,h,i)perylene	26.645	276	12659	0.178	ng	95

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

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