

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
 Data File : BN038370.D
 Acq On : 13 Dec 2025 03:40
 Operator : RC/JU
 Sample : Q3839-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AN4

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/15/2025
 Supervised By :Jagrut Upadhyay 12/15/2025

Quant Time: Dec 13 06:06:57 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	7.717	152	5608	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	15052	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	7699	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	13110	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	11207	0.400	ng	# 0.00
35) Perylene-d12	23.622	264	12315	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	3320	0.238	ng	0.00
5) Phenol-d6	6.887	99	3644	0.219	ng	0.00
8) Nitrobenzene-d5	8.875	82	2864	0.226	ng	0.00
11) 2-Methylnaphthalene-d10	12.121	152	4290	0.202	ng	0.00
14) 2,4,6-Tribromophenol	15.883	330	957	0.280	ng	-0.01
15) 2-Fluorobiphenyl	13.009	172	8843	0.238	ng	0.00
27) Fluoranthene-d10	19.178	212	5451	0.168	ng	0.00
31) Terphenyl-d14	19.782	244	4791	0.192	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.573	128	25531	0.574	ng	99
12) 2-Methylnaphthalene	12.192	142	29907	1.059	ng	99
16) Acenaphthylene	14.110	152	1515	0.040	ng	# 50
17) Acenaphthene	14.452	154	1045	0.040	ng	# 63
18) Fluorene	15.446	166	2800	0.083	ng	# 78
25) Phenanthrene	17.186	178	38211	0.837	ng	99
26) Anthracene	17.273	178	2507m	0.064	ng	
28) Fluoranthene	19.211	202	23823	0.491	ng	97
30) Pyrene	19.573	202	21203	0.384	ng	96
32) Benzo(a)anthracene	21.322	228	12315	0.284	ng	# 91
33) Chrysene	21.366	228	15693	0.329	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.259	149	1982	0.083	ng	# 95
36) Indeno(1,2,3-cd)pyrene	25.943	276	8148	0.125	ng	96
37) Benzo(b)fluoranthene	22.932	252	17240	0.305	ng	# 83
38) Benzo(k)fluoranthene	22.973	252	6105m	0.108	ng	
39) Benzo(a)pyrene	23.519	252	9572	0.207	ng	# 78
40) Dibenzo(a,h)anthracene	25.949	278	2268	0.045	ng	# 29
41) Benzo(g,h,i)perylene	26.648	276	10346	0.184	ng	93

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

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