

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121525\
 Data File : BN038418.D
 Acq On : 16 Dec 2025 00:29
 Operator : RC/JU
 Sample : Q3839-10DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AN6DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 16 01:29:19 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	5077	0.400	ng	-0.01
7) Naphthalene-d8	10.509	136	14404	0.400	ng	#-0.02
13) Acenaphthene-d10	14.388	164	7763	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	13879	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	11918	0.400	ng	0.00
35) Perylene-d12	23.616	264	12692	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	603	0.048	ng	0.00
5) Phenol-d6	6.879	99	656	0.044	ng	0.00
8) Nitrobenzene-d5	8.865	82	706	0.058	ng	-0.01
11) 2-Methylnaphthalene-d10	12.116	152	812	0.040	ng	-0.01
14) 2,4,6-Tribromophenol	15.882	330	147	0.043	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	1738	0.046	ng	0.00
27) Fluoranthene-d10	19.174	212	1219	0.036	ng	-0.01
31) Terphenyl-d14	19.777	244	1327	0.050	ng	-0.01
Target Compounds						Qvalue
9) Naphthalene	10.562	128	59977	1.409	ng	99
12) 2-Methylnaphthalene	12.187	142	53269	1.971	ng	99
16) Acenaphthylene	14.099	152	1661	0.044	ng	# 37
17) Acenaphthene	14.441	154	2047	0.077	ng	# 70
18) Fluorene	15.435	166	3770	0.110	ng	# 78
25) Phenanthrene	17.173	178	41246	0.854	ng	98
26) Anthracene	17.273	178	2823m	0.068	ng	
28) Fluoranthene	19.206	202	25013	0.487	ng	99
30) Pyrene	19.568	202	23084	0.393	ng	97
32) Benzo(a)anthracene	21.313	228	10153	0.221	ng	# 93
33) Chrysene	21.366	228	14992m	0.296	ng	
34) Bis(2-ethylhexyl)phtha...	21.259	149	2045	0.081	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.931	276	5894	0.088	ng	95
37) Benzo(b)fluoranthene	22.929	252	15301	0.262	ng	# 80
38) Benzo(k)fluoranthene	22.970	252	4900m	0.084	ng	
39) Benzo(a)pyrene	23.513	252	8117	0.170	ng	# 74
40) Dibenzo(a,h)anthracene	25.940	278	2078	0.040	ng	# 21
41) Benzo(g,h,i)perylene	26.642	276	9078	0.156	ng	95

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

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