

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121525\
 Data File : BN038400.D
 Acq On : 15 Dec 2025 12:19
 Operator : RC/JU
 Sample : Q3839-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AM5

Manual Integrations
 APPROVED

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

Quant Time: Dec 15 12:50:45 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	7.724	152	8247	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	22049	0.400	ng	0.00
13) Acenaphthene-d10	14.388	164	11043	0.400	ng	-0.01
19) Phenanthrene-d10	17.149	188	18585	0.400	ng	0.00
29) Chrysene-d12	21.340	240	15604	0.400	ng	# 0.00
35) Perylene-d12	23.625	264	17669	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.298	112	7630	0.371	ng	0.00
5) Phenol-d6	6.894	99	9115	0.373	ng	0.00
8) Nitrobenzene-d5	8.875	82	7525	0.405	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	10346	0.333	ng	0.00
14) 2,4,6-Tribromophenol	15.882	330	1686	0.344	ng	-0.01
15) 2-Fluorobiphenyl	13.008	172	19821	0.373	ng	0.00
27) Fluoranthene-d10	19.178	212	12180	0.265	ng	0.00
31) Terphenyl-d14	19.782	244	9197	0.264	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.573	128	7228	0.111	ng	97
12) 2-Methylnaphthalene	12.202	142	6045	0.146	ng	99
25) Phenanthrene	17.186	178	18910	0.292	ng	99
28) Fluoranthene	19.211	202	27554	0.401	ng	99
30) Pyrene	19.573	202	17573	0.229	ng	99
32) Benzo(a)anthracene	21.322	228	13724m	0.228	ng	
33) Chrysene	21.375	228	23229	0.350	ng	96
34) Bis(2-ethylhexyl)phtha...	21.259	149	6505	0.197	ng	100
36) Indeno(1,2,3-cd)pyrene	25.946	276	5204	0.056	ng	97
37) Benzo(b)fluoranthene	22.935	252	26084	0.321	ng	99
38) Benzo(k)fluoranthene	22.975	252	8154m	0.101	ng	
39) Benzo(a)pyrene	23.522	252	3974m	0.060	ng	
40) Dibenzo(a,h)anthracene	25.952	278	2260	0.031	ng	# 53
41) Benzo(g,h,i)perylene	26.656	276	5585	0.069	ng	93

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

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