

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
 Data File : BN038374.D
 Acq On : 13 Dec 2025 06:06
 Operator : RC/JU
 Sample : Q3839-14
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AS3

Manual Integrations
 APPROVED

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

Quant Time: Dec 14 22:20:32 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	5844	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	15730	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	8324	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	13963	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	12342	0.400	ng	# 0.00
35) Perylene-d12	23.622	264	12975	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	3791	0.260	ng	0.00
5) Phenol-d6	6.887	99	4294	0.248	ng	0.00
8) Nitrobenzene-d5	8.875	82	3575	0.269	ng	0.00
11) 2-Methylnaphthalene-d10	12.121	152	5144	0.232	ng	0.00
14) 2,4,6-Tribromophenol	15.883	330	845	0.229	ng	-0.01
15) 2-Fluorobiphenyl	13.004	172	10502	0.262	ng	0.00
27) Fluoranthene-d10	19.178	212	7324	0.212	ng	0.00
31) Terphenyl-d14	19.782	244	6197	0.225	ng	0.00
Target Compounds						
9) Naphthalene	10.562	128	65044	1.399	ng	100
12) 2-Methylnaphthalene	12.192	142	57970	1.964	ng	99
16) Acenaphthylene	14.110	152	3332	0.082	ng	# 65
17) Acenaphthene	14.452	154	993	0.035	ng	# 32
18) Fluorene	15.435	166	2048	0.056	ng	# 92
25) Phenanthrene	17.186	178	97831	2.013	ng	100
26) Anthracene	17.273	178	5827m	0.139	ng	
28) Fluoranthene	19.211	202	50733	0.982	ng	95
30) Pyrene	19.573	202	55808	0.919	ng	97
32) Benzo(a)anthracene	21.322	228	32402m	0.680	ng	
33) Chrysene	21.367	228	65052m	1.239	ng	
34) Bis(2-ethylhexyl)phtha...	21.259	149	2054	0.079	ng	# 90
36) Indeno(1,2,3-cd)pyrene	25.940	276	13879	0.202	ng	95
37) Benzo(b)fluoranthene	22.932	252	28220	0.474	ng	95
38) Benzo(k)fluoranthene	22.973	252	9333m	0.157	ng	
39) Benzo(a)pyrene	23.519	252	16975	0.348	ng	96
40) Dibenzo(a,h)anthracene	25.943	278	3395	0.064	ng	# 60
41) Benzo(g,h,i)perylene	26.648	276	15429	0.260	ng	99

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

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