

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
 Data File : BN038363.D
 Acq On : 12 Dec 2025 23:24
 Operator : RC/JU
 Sample : Q3839-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AM5

Manual Integrations
 APPROVED

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

Quant Time: Dec 13 02:11:26 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	5498	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	14428	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	6975	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	11977	0.400	ng	#-0.01
29) Chrysene-d12	21.340	240	9318	0.400	ng	# 0.00
35) Perylene-d12	23.622	264	10007	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	4936	0.360	ng	0.00
5) Phenol-d6	6.887	99	5834	0.358	ng	0.00
8) Nitrobenzene-d5	8.875	82	4626	0.380	ng	0.00
11) 2-Methylnaphthalene-d10	12.121	152	6380	0.313	ng	0.00
14) 2,4,6-Tribromophenol	15.882	330	985	0.318	ng	-0.01
15) 2-Fluorobiphenyl	13.008	172	12983	0.386	ng	0.00
27) Fluoranthene-d10	19.178	212	7738	0.261	ng	0.00
31) Terphenyl-d14	19.782	244	5695	0.274	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.573	128	4751	0.111	ng	95
12) 2-Methylnaphthalene	12.197	142	3824	0.141	ng	98
25) Phenanthrene	17.186	178	12425	0.298	ng	99
26) Anthracene	17.273	178	1548m	0.043	ng	
28) Fluoranthene	19.211	202	17538	0.396	ng	98
30) Pyrene	19.573	202	10907	0.238	ng	98
32) Benzo(a)anthracene	21.322	228	8083m	0.225	ng	
33) Chrysene	21.366	228	14132	0.357	ng	96
34) Bis(2-ethylhexyl)phtha...	21.259	149	3632	0.184	ng	99
36) Indeno(1,2,3-cd)pyrene	25.946	276	3031	0.057	ng	95
37) Benzo(b)fluoranthene	22.935	252	15371	0.334	ng	# 91
38) Benzo(k)fluoranthene	22.973	252	3165m	0.069	ng	
39) Benzo(a)pyrene	23.522	252	1708	0.045	ng	# 15
40) Dibenzo(a,h)anthracene	25.952	278	1285	0.031	ng	# 18
41) Benzo(g,h,i)perylene	26.653	276	3276	0.072	ng	# 87

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

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