

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
 Data File : BN038376.D
 Acq On : 13 Dec 2025 07:18
 Operator : RC/JU
 Sample : Q3839-16
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B02

Manual Integrations
 APPROVED

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

Quant Time: Dec 14 22:21:06 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	5590	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	14737	0.400	ng	#-0.01
13) Acenaphthene-d10	14.387	164	7474	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	13471	0.400	ng	#-0.01
29) Chrysene-d12	21.339	240	10783	0.400	ng	# 0.00
35) Perylene-d12	23.624	264	11393	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	3582	0.257	ng	0.00
5) Phenol-d6	6.886	99	4097	0.248	ng	0.00
8) Nitrobenzene-d5	8.875	82	3146	0.253	ng	0.00
11) 2-Methylnaphthalene-d10	12.121	152	4492	0.216	ng	0.00
14) 2,4,6-Tribromophenol	15.882	330	780	0.235	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	9648	0.268	ng	0.00
27) Fluoranthene-d10	19.178	212	7183	0.216	ng	0.00
31) Terphenyl-d14	19.782	244	5411	0.225	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.573	128	1184	0.027	ng	# 81
12) 2-Methylnaphthalene	12.192	142	831	0.030	ng	# 90
25) Phenanthrene	17.185	178	1909	0.041	ng	97
28) Fluoranthene	19.210	202	3560	0.071	ng	98
30) Pyrene	19.573	202	3350	0.063	ng	98
32) Benzo(a)anthracene	21.321	228	1553	0.037	ng	# 91
33) Chrysene	21.375	228	1703	0.037	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.259	149	957	0.042	ng	# 97
36) Indeno(1,2,3-cd)pyrene	25.948	276	1290	0.021	ng	# 79
37) Benzo(b)fluoranthene	22.934	252	2257	0.043	ng	# 1
38) Benzo(k)fluoranthene	22.978	252	1109m	0.021	ng	
39) Benzo(a)pyrene	23.519	252	1403	0.033	ng	# 1
41) Benzo(g,h,i)perylene	26.653	276	1306	0.025	ng	# 61

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

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