

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
 Data File : BN038388.D
 Acq On : 13 Dec 2025 15:52
 Operator : RC/JU
 Sample : Q3839-10
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AN6

Manual Integrations
 APPROVED

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

Quant Time: Dec 14 22:24:32 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	6242	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	17347	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	10090	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	16132	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	14312	0.400	ng	# 0.00
35) Perylene-d12	23.622	264	16769	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	3466	0.223	ng	0.00
5) Phenol-d6	6.879	99	3971	0.215	ng	0.00
8) Nitrobenzene-d5	8.865	82	4085	0.279	ng	-0.01
11) 2-Methylnaphthalene-d10	12.116	152	4633	0.189	ng	-0.01
14) 2,4,6-Tribromophenol	15.882	330	1022	0.228	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	8928	0.184	ng	0.00
27) Fluoranthene-d10	19.178	212	6941	0.174	ng	0.00
31) Terphenyl-d14	19.782	244	6666	0.209	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.562	128	340548	6.641	ng	99
12) 2-Methylnaphthalene	12.192	142	302603	9.297	ng	98
16) Acenaphthylene	14.110	152	9273	0.187	ng	# 36
17) Acenaphthene	14.452	154	11375	0.330	ng	# 76
18) Fluorene	15.435	166	20819	0.469	ng	# 77
25) Phenanthrene	17.186	178	221159	3.939	ng	97
26) Anthracene	17.273	178	18429m	0.381	ng	
28) Fluoranthene	19.206	202	138670	2.324	ng	98
30) Pyrene	19.568	202	127993	1.817	ng	# 96
32) Benzo(a)anthracene	21.322	228	65697	1.188	ng	# 92
33) Chrysene	21.366	228	80947	1.330	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.259	149	12445	0.410	ng	# 96
36) Indeno(1,2,3-cd)pyrene	25.940	276	35384	0.398	ng	97
37) Benzo(b)fluoranthene	22.932	252	90674	1.177	ng	# 88
38) Benzo(k)fluoranthene	22.973	252	25280m	0.329	ng	
39) Benzo(a)pyrene	23.519	252	51705	0.820	ng	# 89
40) Dibenzo(a,h)anthracene	25.949	278	12207	0.178	ng	# 31
41) Benzo(g,h,i)perylene	26.651	276	54379	0.709	ng	95

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

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