

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
 Data File : BF144024.D
 Acq On : 21 Oct 2025 20:56
 Operator : RC/JU
 Sample : Q3403-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-18

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/22/2025
 Supervised By :Jagrut Upadhyay 10/22/2025

Quant Time: Oct 22 11:12:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	107974	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	398391	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	190013	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	274797	20.000	ng	0.00
76) Chrysene-d12	14.057	240	248017	20.000	ng	-0.01
86) Perylene-d12	15.545	264	319177	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	541301	79.610	ng	0.00
7) Phenol-d6	6.504	99	620825	76.601	ng	-0.01
23) Nitrobenzene-d5	7.439	82	357587	54.532	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	116649	61.635	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	657559	54.911	ng	-0.01
79) Terphenyl-d14	12.998	244	548787	37.817	ng	-0.01
Target Compounds						
						Qvalue
71) Phenanthrene	11.433	178	59589	4.473	ng	98
75) Fluoranthene	12.627	202	62094	4.512	ng	97
78) Pyrene	12.857	202	97171	4.700	ng	99
81) Benzo(a)anthracene	14.051	228	44978	2.771	ng	# 75
83) Chrysene	14.080	228	54700	3.641	ng	94
88) Benzo(b)fluoranthene	15.110	252	44214m	2.412	ng	
90) Benzo(a)pyrene	15.480	252	37422	2.354	ng	# 98

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

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