

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
 Data File : BF144093.D
 Acq On : 27 Oct 2025 20:02
 Operator : RC/JU
 Sample : Q3440-01 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JB-2

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/28/2025
 Supervised By :mohammad ahmed 10/30/2025

Quant Time: Oct 28 10:42:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	57633	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	208710	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	106374	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	166607	20.000	ng	0.00
76) Chrysene-d12	14.057	240	154272	20.000	ng	0.00
86) Perylene-d12	15.551	264	150776	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	131033	35.970	ng	0.00
7) Phenol-d6	6.498	99	154625	38.434	ng	0.00
23) Nitrobenzene-d5	7.434	82	92590	24.305	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	43875	32.380	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	196832	26.039	ng	0.00
79) Terphenyl-d14	12.998	244	193135	21.886	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.433	178	124130	14.998	ng	100
72) Anthracene	11.486	178	37153	4.346	ng	97
75) Fluoranthene	12.627	202	240505	26.303	ng	99
78) Pyrene	12.857	202	231343	20.858	ng	98
81) Benzo(a)anthracene	14.051	228	158642	15.216	ng	92
83) Chrysene	14.086	228	126427	12.922	ng	96
87) Indeno(1,2,3-cd)pyrene	17.051	276	54243	5.240	ng	99
88) Benzo(b)fluoranthene	15.116	252	174397m	20.460	ng	
89) Benzo(k)fluoranthene	15.127	252	67630m	8.600	ng	
90) Benzo(a)pyrene	15.486	252	112903	14.764	ng	# 93
92) Benzo(g,h,i)perylene	17.504	276	54289	6.590	ng	97

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

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