

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
 Data File : BF144424.D
 Acq On : 03 Dec 2025 17:34
 Operator : RC/JU
 Sample : Q3753-04DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AR520-0002DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/04/2025
 Supervised By :mohammad ahmed 12/09/2025

Quant Time: Dec 03 17:54:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	48468	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	163183	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	63000	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	83173	20.000	ng	# 0.01
76) Chrysene-d12	14.057	240	122831	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	135877	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	112428	36.299	ng	0.00
7) Phenol-d6	6.492	99	126088	35.928	ng	0.00
23) Nitrobenzene-d5	7.422	82	72930	25.812	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	31698	40.095	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	146353	34.310	ng	-0.01
79) Terphenyl-d14	12.998	244	142325	18.405	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.439	178	133301	32.190	ng	# 86
72) Anthracene	11.492	178	22658	5.381	ng	# 34
75) Fluoranthene	12.639	202	217506	50.846	ng	95
78) Pyrene	12.868	202	187997m	18.982	ng	
81) Benzo(a)anthracene	14.045	228	103396	12.146	ng	97
83) Chrysene	14.080	228	104322m	13.275	ng	
87) Indeno(1,2,3-cd)pyrene	17.027	276	31917	3.272	ng	98
88) Benzo(b)fluoranthene	15.098	252	132523m	17.155	ng	
89) Benzo(k)fluoranthene	15.115	252	42566m	5.887	ng	
90) Benzo(a)pyrene	15.468	252	63733	8.943	ng	# 93
92) Benzo(g,h,i)perylene	17.480	276	30189	3.903	ng	93

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

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