

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112525\
 Data File : BG064899.D
 Acq On : 26 Nov 2025 21:50
 Operator : RC/JU
 Sample : Q3688-23
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M-285

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025

Quant Time: Dec 01 11:49:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112425.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 25 10:23:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.158	152	19283	20.000	ng/u1	0.00
20) Naphthalene-d8	10.973	136	75334	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.768	164	67079	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.494	188	175714	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.742	240	224243	20.000	ng/u1	0.00
88) Perylene-d12	24.997	264	248450	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.482	96	2010	4.132	ng/uL	0.00
4) Pyridine-d5	3.916	84	13344	9.955	ng/u1	0.00
7) Phenol-d5	7.295	99	17569	11.302	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.465	67	29325	29.497	ng/u1	0.00
11) 2-Chlorophenol-d4	7.682	132	35492	30.118	ng/u1	0.00
15) 4-Methylphenol-d8	8.852	113	30260	22.586	ng/u1	0.00
21) Nitrobenzene-d5	9.316	128	20350	35.815	ng/u1	0.00
24) 2-Nitrophenol-d4	10.044	143	23910	35.428	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.585	165	45065	32.387	ng/u1	0.00
31) 4-Chloroaniline-d4	11.096	131	57648	32.412	ng/u1	0.00
46) Dimethylphthalate-d6	14.163	166	206032	39.047	ng/u1	0.00
49) Acenaphthylene-d8	14.463	160	216314	38.280	ng/u1	0.00
54) 4-Nitrophenol-d4	14.956	143	4818m	6.023	ng/u1	0.02
60) Fluorene-d10	15.749	176	189352	39.973	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.855	200	35486	31.544	ng/u1	0.00
73) Anthracene-d10	17.594	188	371201	41.808	ng/u1	0.00
81) Pyrene-d10	19.862	212	492282	42.739	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.780	264	567411	43.287	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.523	88	8630	15.335	ng/uL	95
34) Caprolactam	11.854	113	4727m	10.424	ng/u1	

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

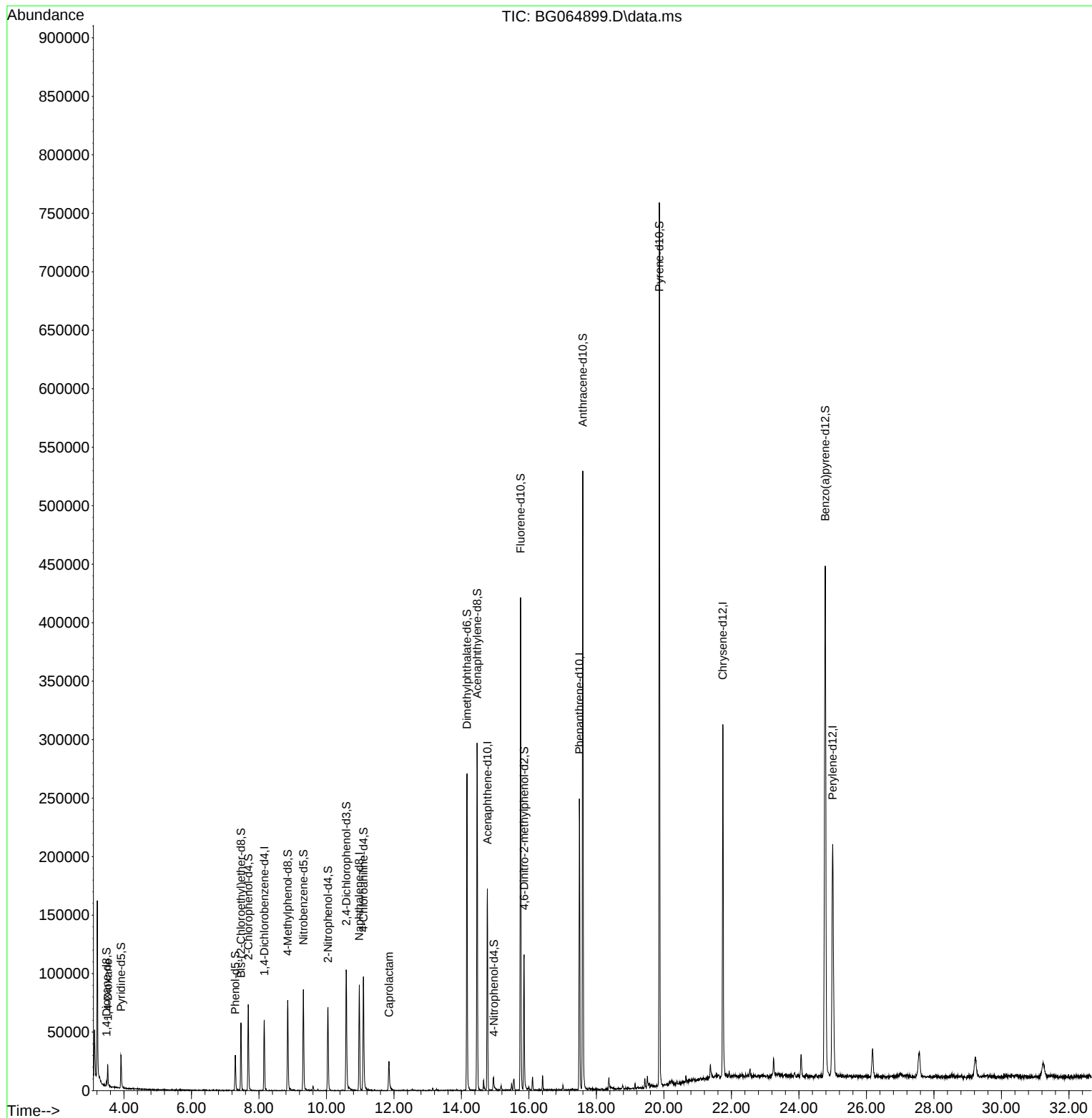
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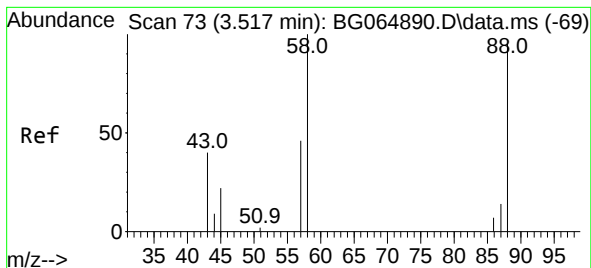
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#2

1,4-Dioxane

Concen: 15.335 ng/uL

RT: 3.523 min Scan# 74

Delta R.T. 0.004 min

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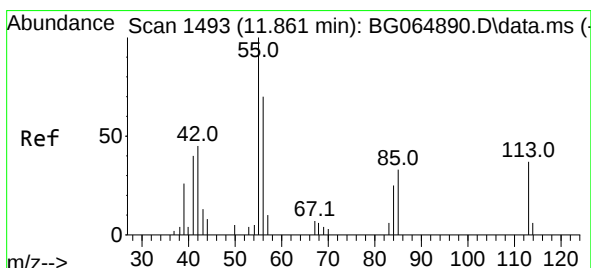
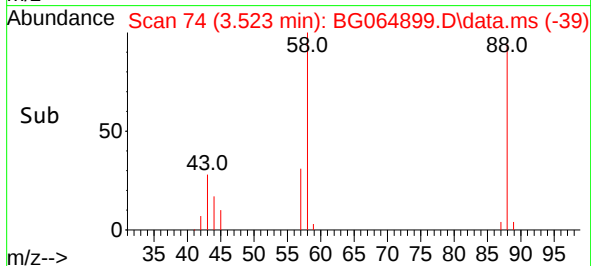
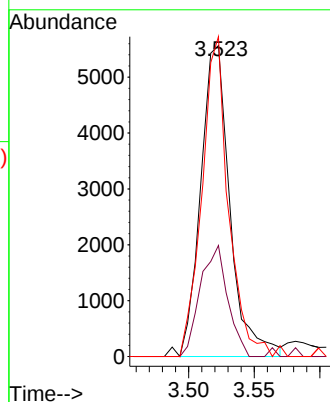
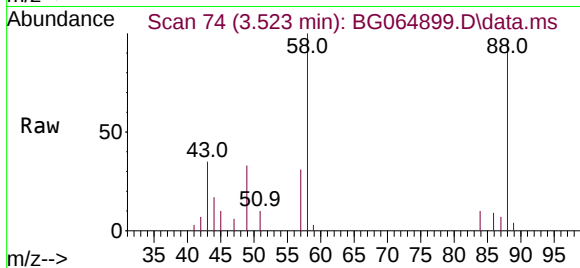
M-285

Tgt Ion:	88	Resp:	8630
Ion Ratio	Lower	Upper	
88	100		
43	35.8	29.6	44.4
58	102.9	87.8	131.6

Manual Integrations

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#34

Caprolactam

Concen: 10.424 ng/uL m

RT: 11.854 min Scan# 1492

Delta R.T. -0.014 min

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Tgt Ion:	113	Resp:	4727
Ion Ratio	Lower	Upper	
113	100		
55	224.4	187.9	281.9
56	190.6	127.5	191.3

