

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012425\
 Data File : BM049438.D
 Acq On : 24 Jan 2025 16:35
 Operator : RC/JU
 Sample : Q1086-19
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AE4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/27/2025
 Supervised By :mohammad ahmed 01/27/2025

Quant Time: Jan 24 23:26:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 13 16:56:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	241383	20.000	ng/u1	0.00
20) Naphthalene-d8	10.275	136	904515	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.157	164	608179	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.904	188	1272986	20.000	ng/u1	-0.01
79) Chrysene-d12	21.139	240	1283837	20.000	ng/u1	0.00
88) Perylene-d12	23.915	264	1167421	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	25590m	4.386	ng/uL	0.00
4) Pyridine-d5	3.522	84	18128	0.976	ng/u1	0.01
7) Phenol-d5	6.710	99	88353	4.360	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	265080	19.647	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.057	132	226390	14.605	ng/u1	0.00
15) 4-Methylphenol-d8	8.228	113	137510	8.751	ng/u1	-0.01
21) Nitrobenzene-d5	8.657	128	130079	18.859	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.375	143	131253	17.022	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.910	165	256877	16.326	ng/u1	0.00
31) 4-Chloroaniline-d4	10.434	131	10811m	0.522	ng/u1	0.00
46) Dimethylphthalate-d6	13.575	166	996081	22.005	ng/u1	-0.01
49) Acenaphthylene-d8	13.839	160	881357	17.056	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.392	143	25453m	3.396	ng/u1	0.00
60) Fluorene-d10	15.157	176	880924	22.528	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.280	200	113923	14.042	ng/u1	-0.01
73) Anthracene-d10	17.004	188	785012	12.475	ng/u1	-0.01
81) Pyrene-d10	19.309	212	1659009	21.233	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.727	264	862993	13.771	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.152	88	148007	23.157	ng/uL	98

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

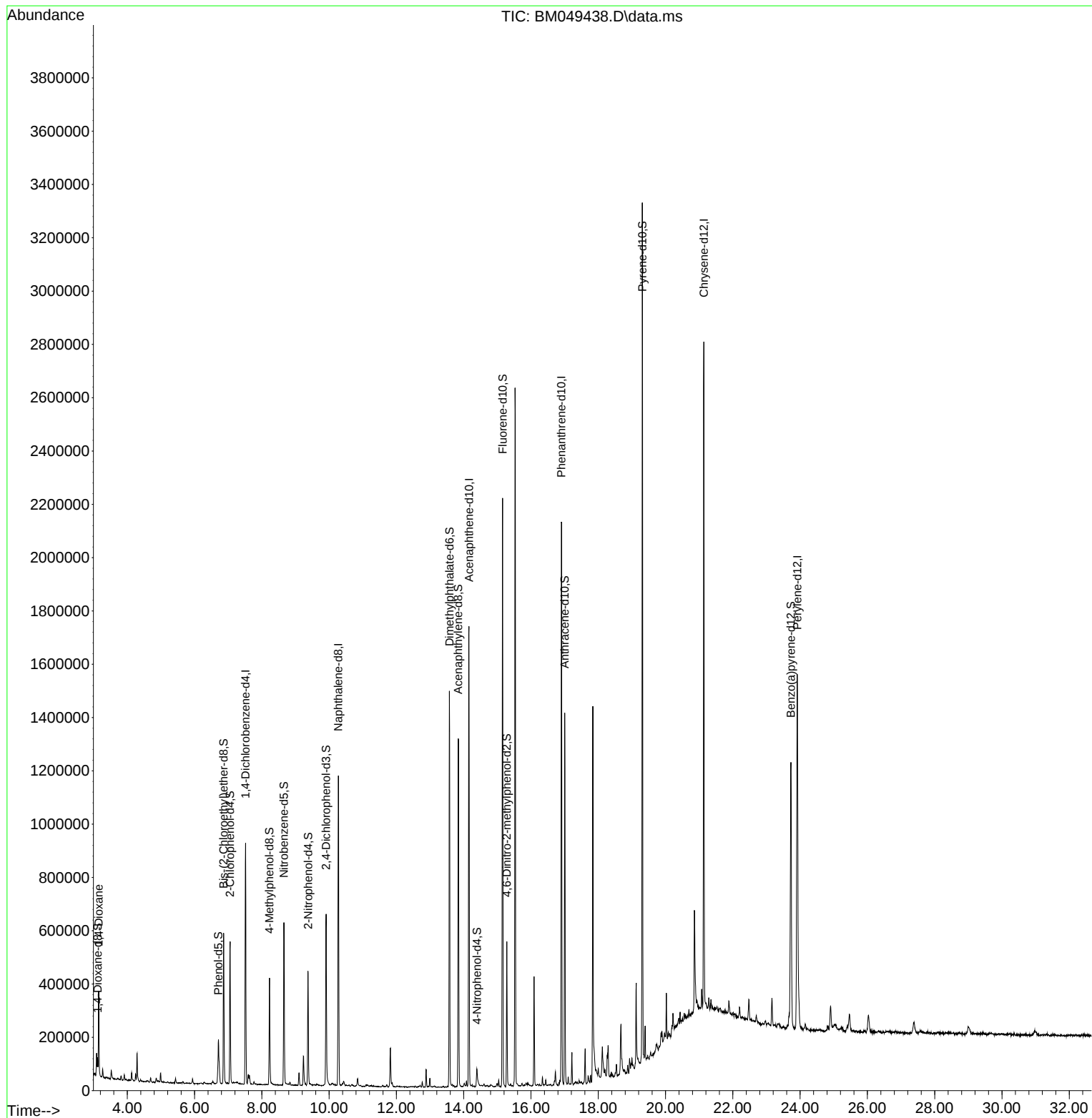
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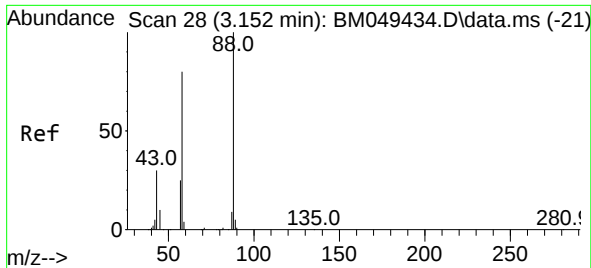
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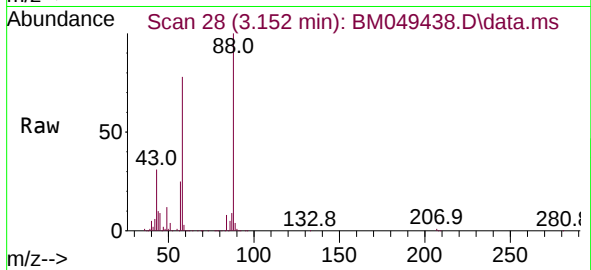
Reviewed By :Yogesh Patel 01/27/2025
Supervised By :mohammad ahmed 01/27/2025





#2
 1,4-Dioxane
 Concen: 23.157 ng/uL
 RT: 3.152 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM049438.D
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Instrument :
 BNA_M
 ClientSampleId :
 C0AE4



Tgt Ion: 88 Resp: 14800
 Ion Ratio Lower Upper
 88 100
 43 30.6 22.7 34.1
 58 77.8 61.3 91.9

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