

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011425\
 Data File : BM049348.D
 Acq On : 14 Jan 2025 14:00
 Operator : RC/JU
 Sample : Q1054-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BHOH8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/14/2025
 Supervised By :mohammad ahmed 01/16/2025

Quant Time: Jan 14 14:43:49 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	7.522	152	224455	20.000	ng/u1	0.00
20) Naphthalene-d8	10.286	136	830239	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.163	164	521799	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.915	188	1037953	20.000	ng/u1	0.00
79) Chrysene-d12	21.150	240	940367	20.000	ng/u1	0.00
88) Perylene-d12	23.933	264	1000068	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	35779	6.595	ng/uL	0.00
4) Pyridine-d5	3.510	84	425487	24.638	ng/u1	0.00
7) Phenol-d5	6.716	99	254879	13.527	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	542711	43.257	ng/u1	0.00
11) 2-Chlorophenol-d4	7.063	132	547125	37.959	ng/u1	0.00
15) 4-Methylphenol-d8	8.234	113	370640	25.367	ng/u1	0.00
21) Nitrobenzene-d5	8.663	128	290851	45.940	ng/u1	0.00
24) 2-Nitrophenol-d4	9.381	143	289172	40.857	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.916	165	554753	38.412	ng/u1	0.00
31) 4-Chloroaniline-d4	10.428	131	748279	39.375	ng/u1	0.00
46) Dimethylphthalate-d6	13.586	166	1730057	44.547	ng/u1	0.00
49) Acenaphthylene-d8	13.851	160	2063377	46.540	ng/u1	0.00
54) 4-Nitrophenol-d4	14.416	143	14199m	2.208	ng/u1	0.02
60) Fluorene-d10	15.163	176	1580126	47.097	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.292	200	19470	2.943	ng/u1	0.00
73) Anthracene-d10	17.015	188	2512832	48.973	ng/u1	0.00
81) Pyrene-d10	19.321	212	2898433	50.645	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.750	264	2718402	50.636	ng/u1	0.00
Target Compounds						
2) 1,4-Dioxane	3.157	88	5987	1.007	ng/uL#	80

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

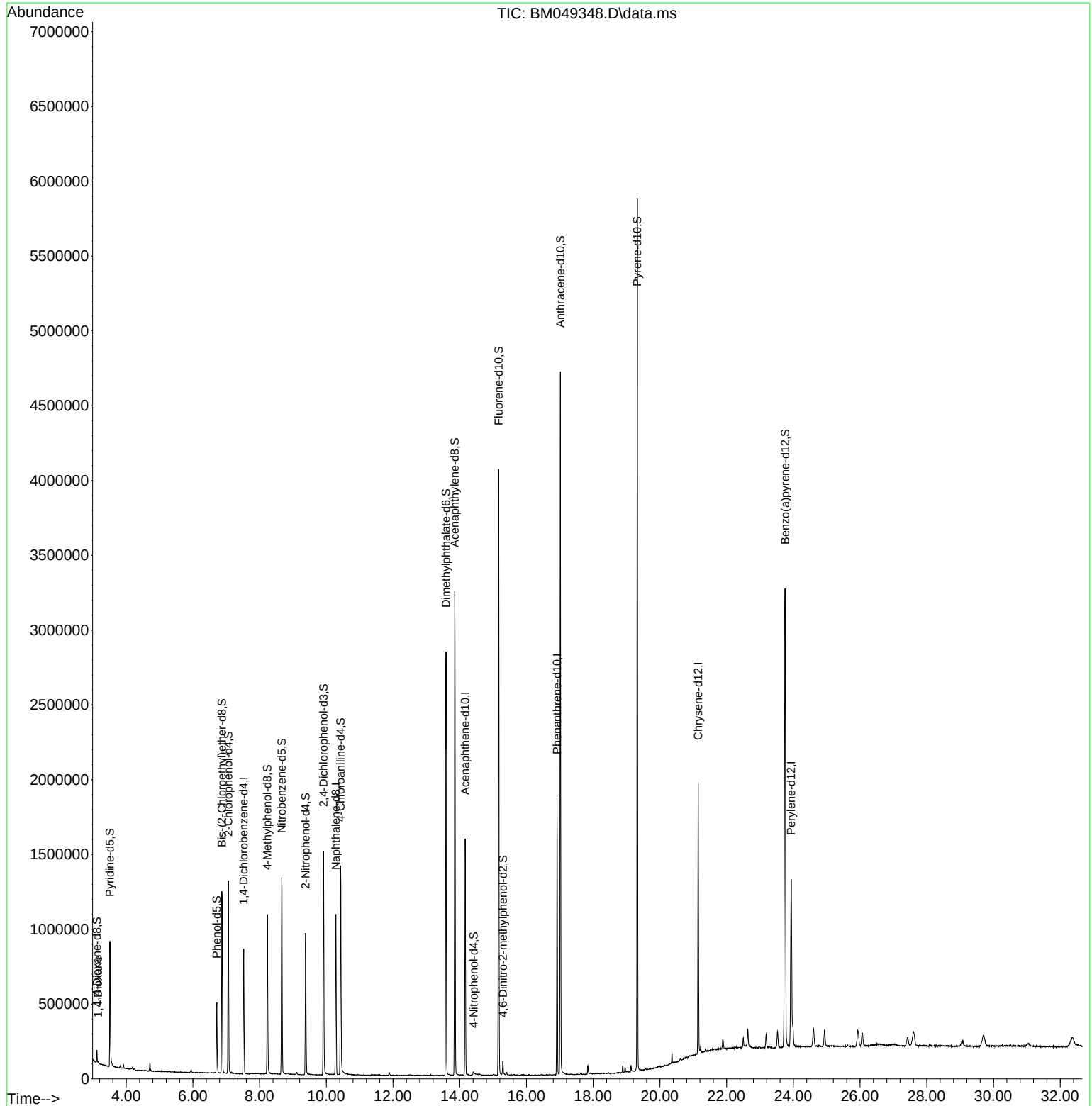
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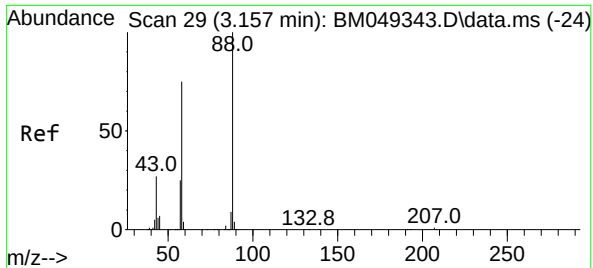
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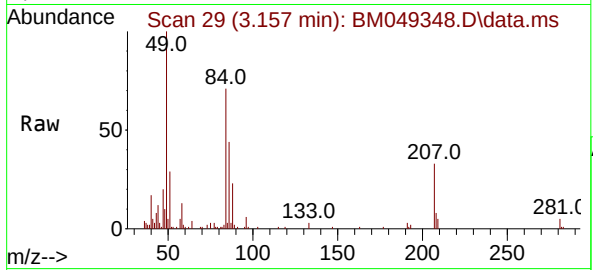
Reviewed By :Yogesh Patel 01/14/2025
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1,4-Dioxane
 Concen: 1.007 ng/uL
 RT: 3.157 min Scan# 24
 Delta R.T. 0.006 min
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Tgt Ion: 88 Resp: 598

Ion	Ratio	Lower	Upper
88	100		
43	34.1	22.7	34.1
58	56.1	61.3	91.9

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