

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
 Data File : BM049541.D
 Acq On : 31 Jan 2025 00:24
 Operator : RC/JU
 Sample : Q1184-14 20X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2965

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 31 09:00:00 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 28 14:45:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	263794	20.000	ng/u1	0.00
20) Naphthalene-d8	10.269	136	711877m	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.157	164	670617m	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.909	188	1366167m	20.000	ng/u1	0.00
79) Chrysene-d12	21.139	240	1394516m	20.000	ng/u1	0.00
88) Perylene-d12	23.927	264	1512725m	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.110	96	1314	0.185	ng/uL	-0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.740	99	14942m	0.698	ng/u1	0.03
9) Bis-(2-Chloroethyl)eth...	6.857	67	25460	1.739	ng/u1	0.00
11) 2-Chlorophenol-d4	7.057	132	31195	1.883	ng/u1	0.00
15) 4-Methylphenol-d8	8.245	113	22215	1.416	ng/u1	0.02
21) Nitrobenzene-d5	8.657	128	15265	2.803	ng/u1	0.00
24) 2-Nitrophenol-d4	9.375	143	17325m	2.916	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.916	165	36135m	2.981	ng/u1	0.01
31) 4-Chloroaniline-d4	10.439	131	16201m	1.042	ng/u1	0.02
46) Dimethylphthalate-d6	13.580	166	81669m	1.661	ng/u1	0.00
49) Acenaphthylene-d8	13.845	160	113416m	1.963	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.157	176	91677m	2.120	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.004	188	149976m	2.198	ng/u1	0.00
81) Pyrene-d10	19.315	212	166800m	2.046	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.733	264	166874m	2.068	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.769	94	1480412	65.888	ng/u1	97
18) 4-Methylphenol	8.304	108	443671	26.108	ng/u1	95
26) 2,4-Dimethylphenol	9.522	107	2477386m	204.100	ng/u1	
30) Naphthalene	10.322	128	465722m	12.288	ng/u1	

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

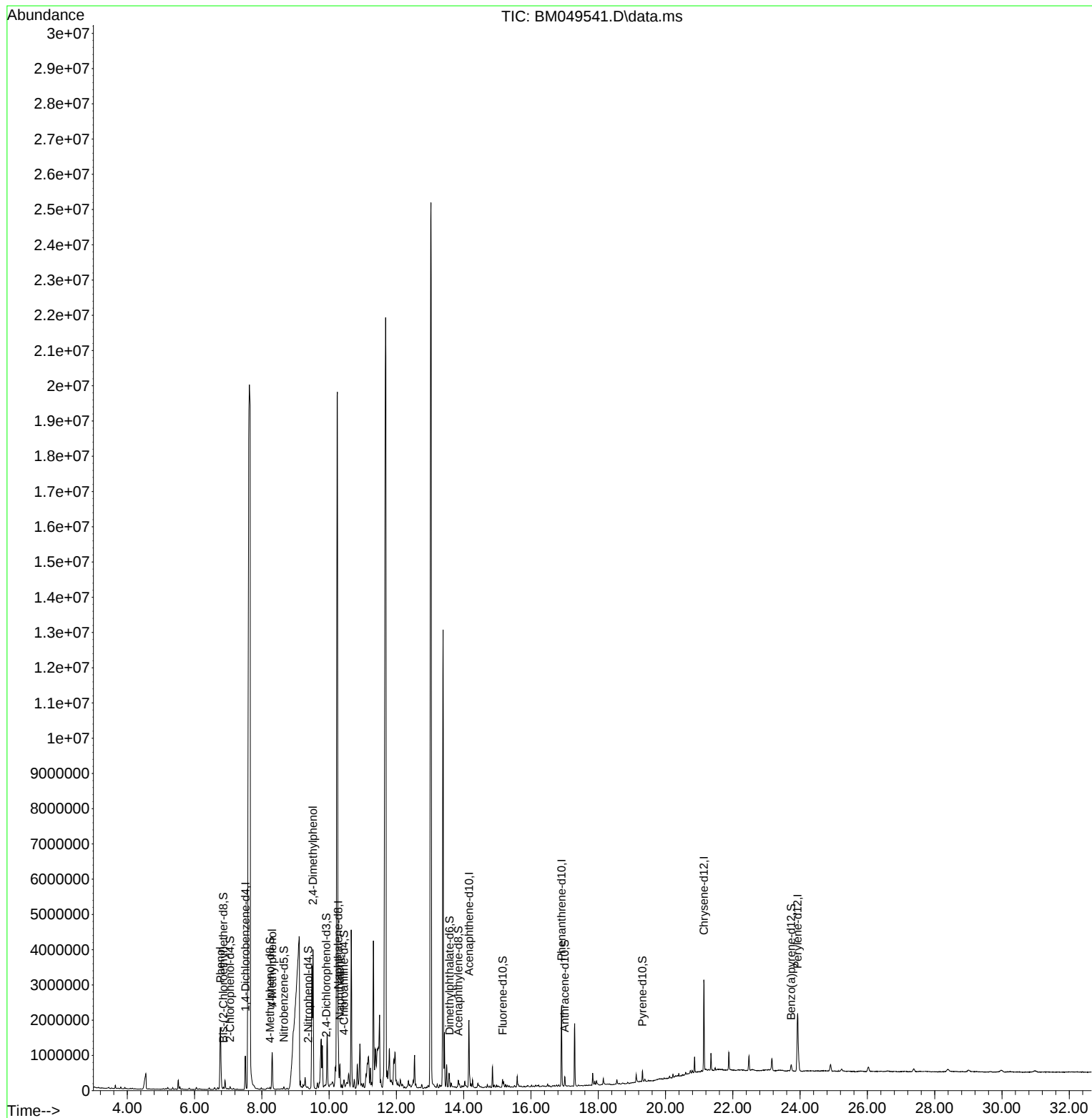
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
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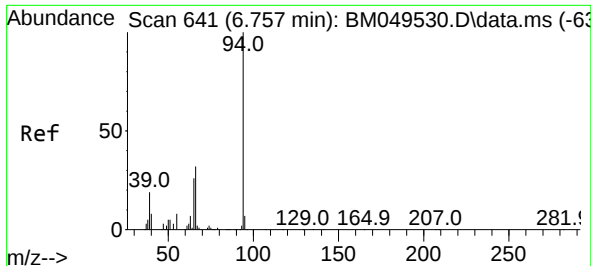
Instrument :
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Quant Time: Jan 31 09:00:00 2025
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Quant Title : SVOA CALIBRATION
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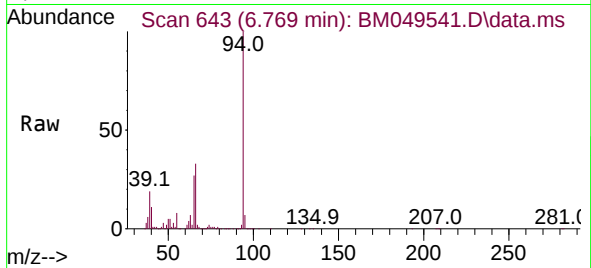
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025





#8
Phenol
Concen: 65.888 ng/ul
RT: 6.769 min Scan# 641
Delta R.T. 0.035 min
Lab File: BM049541.D
Acq: 31 Jan 2025 00:24

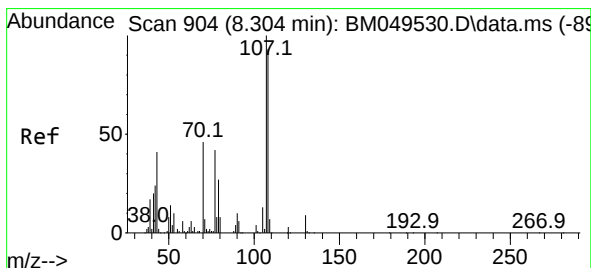
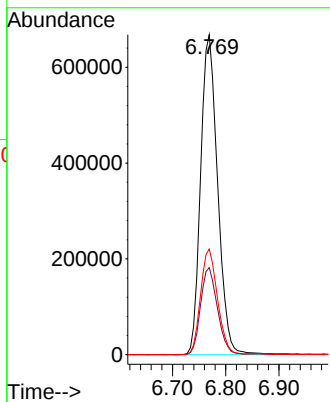
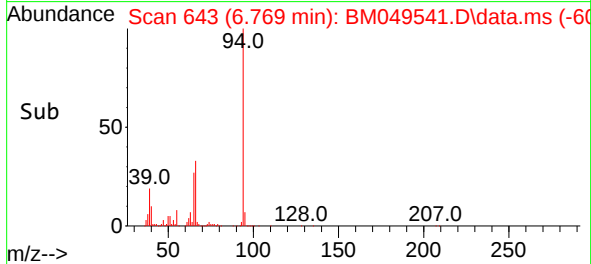
Instrument :
BNA_M
ClientSampleId :
E2965



Tgt Ion: 94 Resp: 148041
Ion Ratio Lower Upper
94 100
65 27.2 23.4 35.0
66 33.0 27.8 41.8

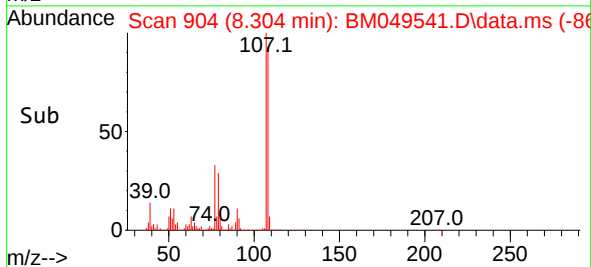
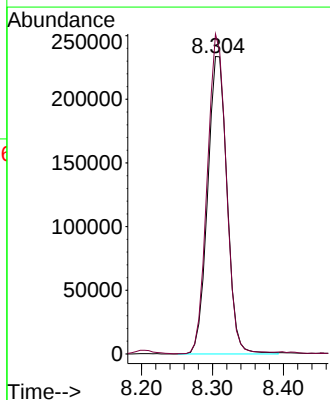
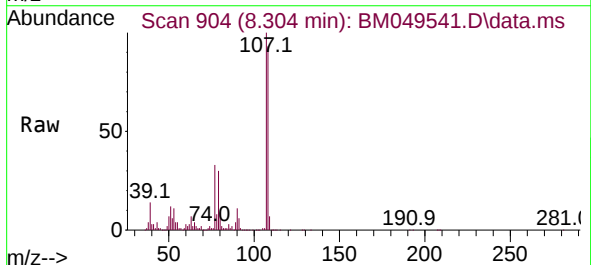
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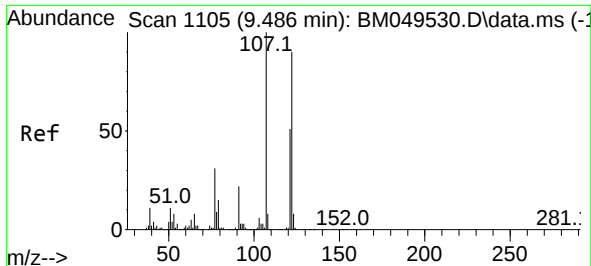
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Supervised By :mohammad ahmed 02/04/2025



#18
4-Methylphenol
Concen: 26.108 ng/ul
RT: 8.304 min Scan# 904
Delta R.T. 0.017 min
Lab File: BM049541.D
Acq: 31 Jan 2025 00:24

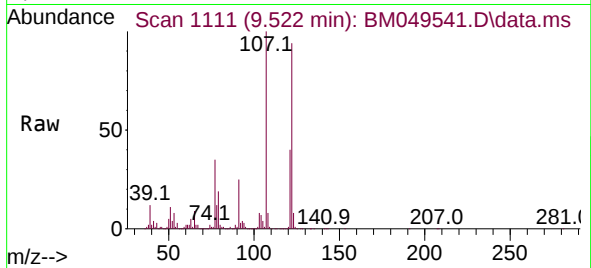
Tgt Ion:108 Resp: 443671
Ion Ratio Lower Upper
108 100
107 107.6 90.0 135.0





#26
2,4-Dimethylphenol
Concen: 204.100 ng/ul m
RT: 9.522 min Scan# 1111
Delta R.T. 0.047 min
Lab File: BM049541.D
Acq: 31 Jan 2025 00:24

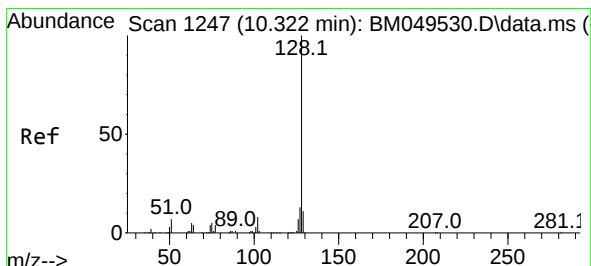
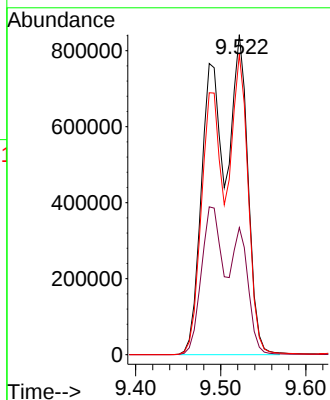
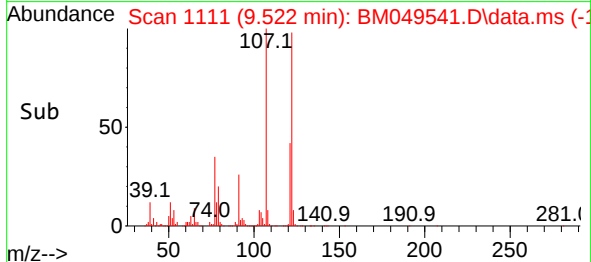
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Tgt Ion:107 Resp: 2477380
Ion Ratio Lower Upper
107 100
121 39.7 39.6 59.4
122 93.9 68.7 103.1

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#30
Naphthalene
Concen: 12.288 ng/ul m
RT: 10.322 min Scan# 1247
Delta R.T. -0.000 min
Lab File: BM049541.D
Acq: 31 Jan 2025 00:24

Tgt Ion:128 Resp: 465722
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.3 10.6 15.8

