

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
 Data File : BM049554.D
 Acq On : 31 Jan 2025 12:16
 Operator : RC/JU
 Sample : Q1184-14DL 100X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2965DL

Manual Integrations
 APPROVED

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

Quant Time: Feb 03 10:03:35 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	214804	20.000	ng/u1	0.00
20) Naphthalene-d8	10.269	136	817143	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.151	164	569124	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.909	188	1173641	20.000	ng/u1	0.00
79) Chrysene-d12	21.144	240	1147284	20.000	ng/u1	0.01
88) Perylene-d12	23.927	264	1246776	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	287	0.050	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.728	99	1916	0.110	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	6.857	67	4489	0.377	ng/u1	0.00
11) 2-Chlorophenol-d4	7.051	132	4779	0.354	ng/u1	0.00
15) 4-Methylphenol-d8	8.233	113	3431	0.269	ng/u1	0.00
21) Nitrobenzene-d5	8.663	128	2725	0.436	ng/u1	0.00
24) 2-Nitrophenol-d4	9.375	143	2533	0.371	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.916	165	5749	0.413	ng/u1	0.01
31) 4-Chloroaniline-d4	10.427	131	3037	0.170	ng/u1	0.00
46) Dimethylphthalate-d6	13.574	166	14323	0.343	ng/u1	0.00
49) Acenaphthylene-d8	13.839	160	18488	0.377	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.157	176	15047	0.410	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.009	188	29914	0.510	ng/u1	0.00
81) Pyrene-d10	19.315	212	28424	0.424	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.738	264	29069	0.437	ng/u1	0.01
Target Compounds						
8) Phenol	6.751	94	228933	12.513	ng/u1	99
18) 4-Methylphenol	8.304	108	67729	4.894	ng/u1	92
26) 2,4-Dimethylphenol	9.516	107	411004m	29.499	ng/u1	
30) Naphthalene	10.316	128	79748	1.833	ng/u1	98

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

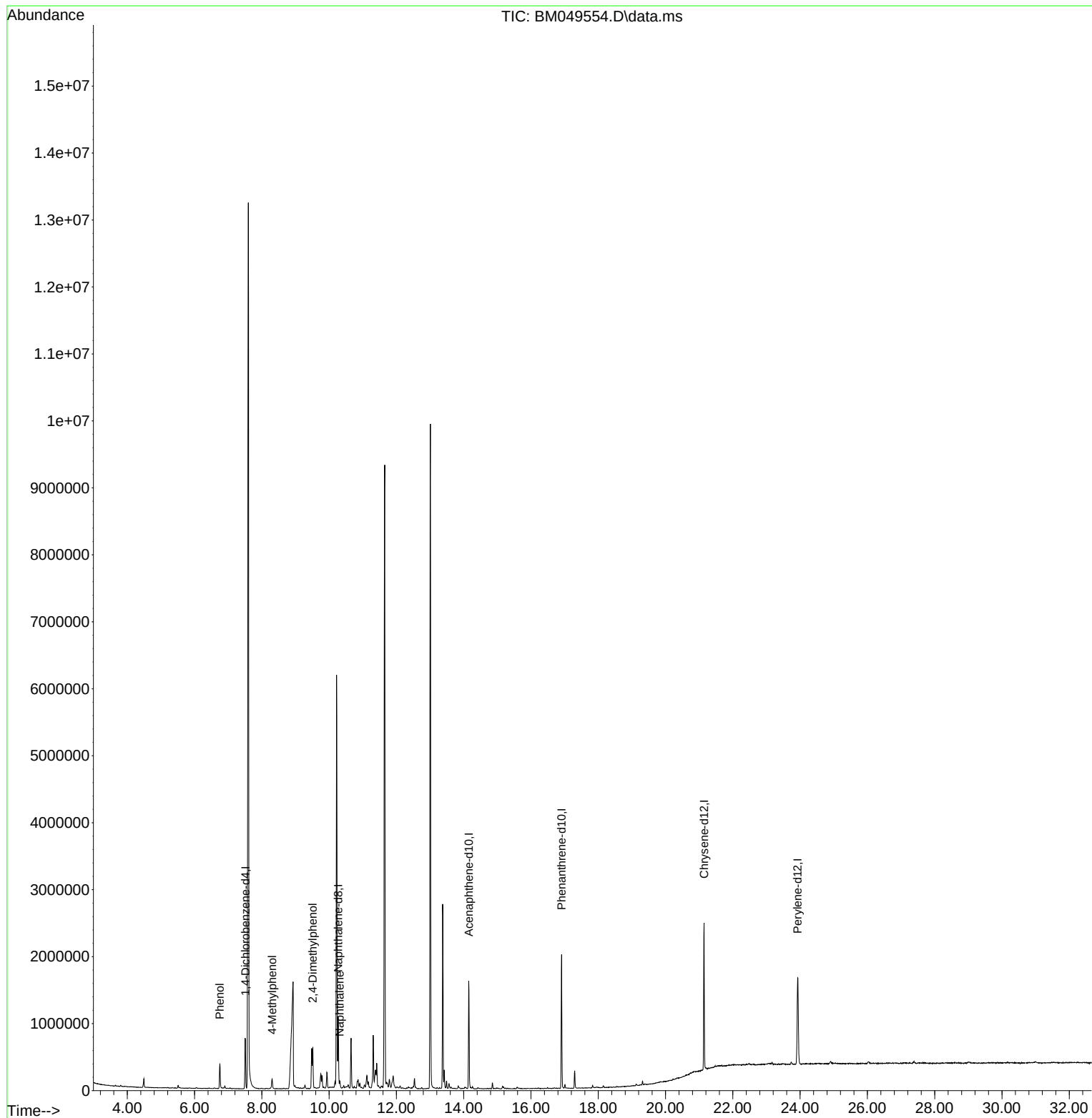
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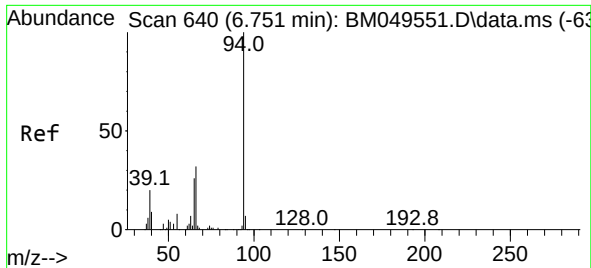
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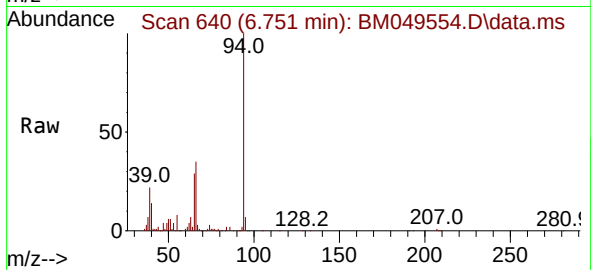
Quant Time: Feb 03 10:03:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 14:45:18 2025
Response via : Initial Calibration





#8
Phenol
Concen: 12.513 ng/ul
RT: 6.751 min Scan# 640
Delta R.T. 0.017 min
Lab File: BM049554.D
Acq: 31 Jan 2025 12:16

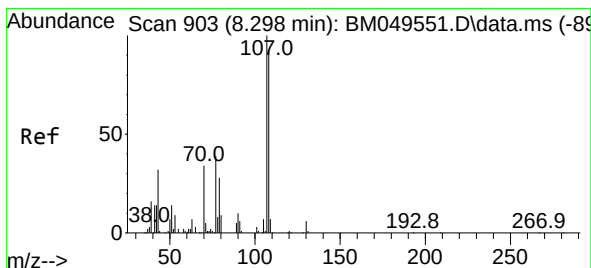
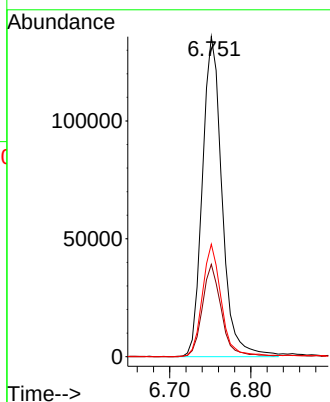
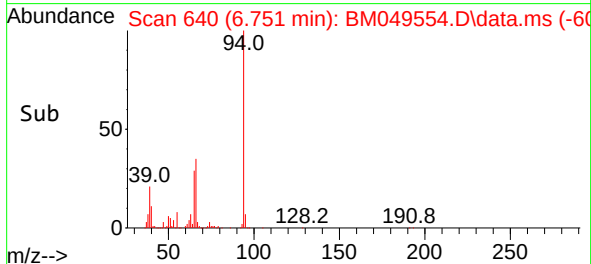
Instrument :
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Tgt Ion: 94 Resp: 22893
Ion Ratio Lower Upper
94 100
65 28.8 23.4 35.0
66 35.2 27.8 41.8

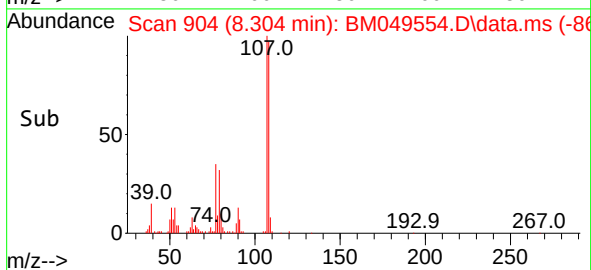
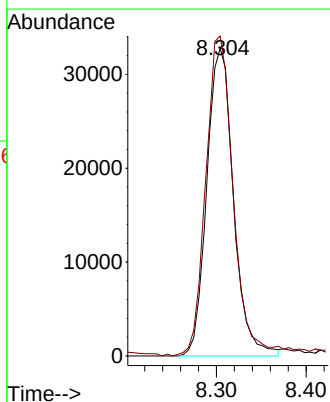
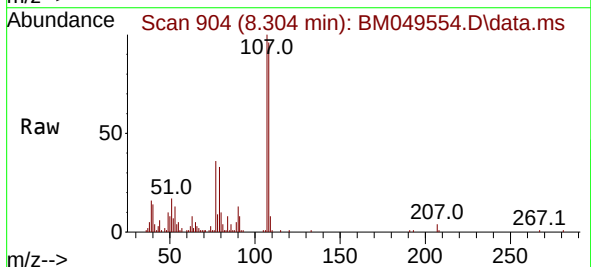
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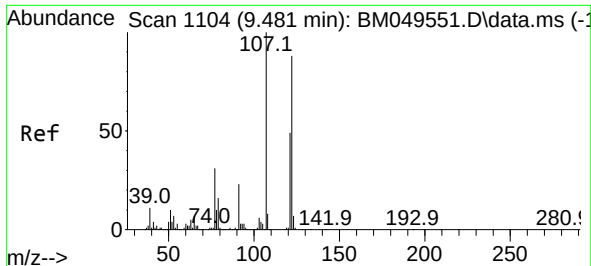
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#18
4-Methylphenol
Concen: 4.894 ng/ul
RT: 8.304 min Scan# 904
Delta R.T. 0.017 min
Lab File: BM049554.D
Acq: 31 Jan 2025 12:16

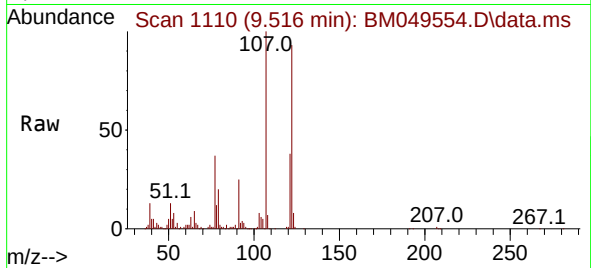
Tgt Ion:108 Resp: 67729
Ion Ratio Lower Upper
108 100
107 104.0 90.0 135.0





#26
2,4-Dimethylphenol
Concen: 29.499 ng/ul m
RT: 9.516 min Scan# 1110
Delta R.T. 0.041 min
Lab File: BM049554.D
Acq: 31 Jan 2025 12:16

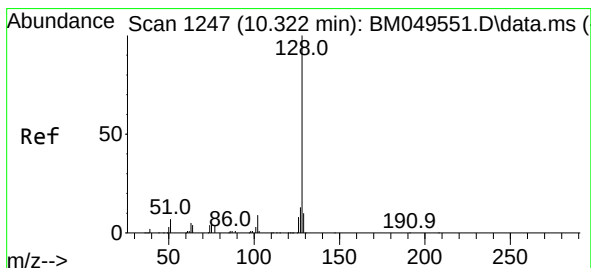
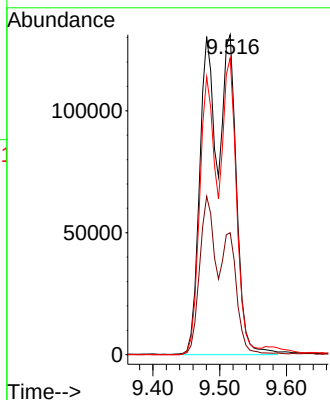
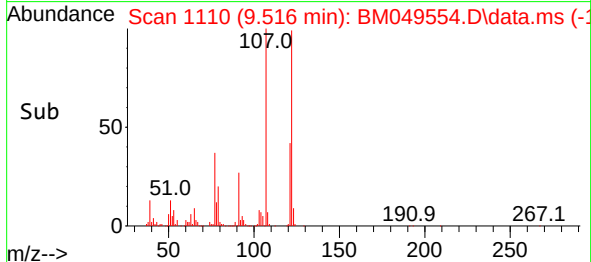
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Tgt Ion:107 Resp: 411004
Ion Ratio Lower Upper
107 100
121 38.1 39.6 59.4
122 92.8 68.7 103.1

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#30
Naphthalene
Concen: 1.833 ng/ul
RT: 10.316 min Scan# 1246
Delta R.T. -0.006 min
Lab File: BM049554.D
Acq: 31 Jan 2025 12:16

Tgt Ion:128 Resp: 79748
Ion Ratio Lower Upper
128 100
129 12.0 8.8 13.2
127 13.5 10.6 15.8

