

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
 Data File : BM049543.D
 Acq On : 31 Jan 2025 01:42
 Operator : RC/JU
 Sample : Q1184-15DL 200X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2966DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2025
 Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 31 09:30:24 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	292405	20.000	ng/u1	0.00
20) Naphthalene-d8	10.269	136	1116302	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.151	164	777423	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.910	188	1608254	20.000	ng/u1	0.00
79) Chrysene-d12	21.139	240	1594680	20.000	ng/u1	0.00
88) Perylene-d12	23.921	264	1726770	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.734	99	1962	0.083	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	6.863	67	4315	0.266	ng/u1	0.00
11) 2-Chlorophenol-d4	7.063	132	4712	0.257	ng/u1	0.01
15) 4-Methylphenol-d8	8.245	113	3167	0.182	ng/u1	0.02
21) Nitrobenzene-d5	8.663	128	2637	0.309	ng/u1	0.00
24) 2-Nitrophenol-d4	9.369	143	2141	0.230	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.922	165	5709	0.300	ng/u1	0.02
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.574	166	14271	0.250	ng/u1	0.00
49) Acenaphthylene-d8	13.839	160	17664	0.264	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.157	176	15072	0.301	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.004	188	30169	0.376	ng/u1	0.00
81) Pyrene-d10	19.315	212	26165	0.281	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.733	264	26342	0.286	ng/u1	0.00
Target Compounds						
8) Phenol	6.757	94	189145	7.595	ng/u1	96
18) 4-Methylphenol	8.304	108	59138	3.139	ng/u1	93
26) 2,4-Dimethylphenol	9.516	107	356283m	18.718	ng/u1	
30) Naphthalene	10.316	128	82382	1.386	ng/u1	99

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

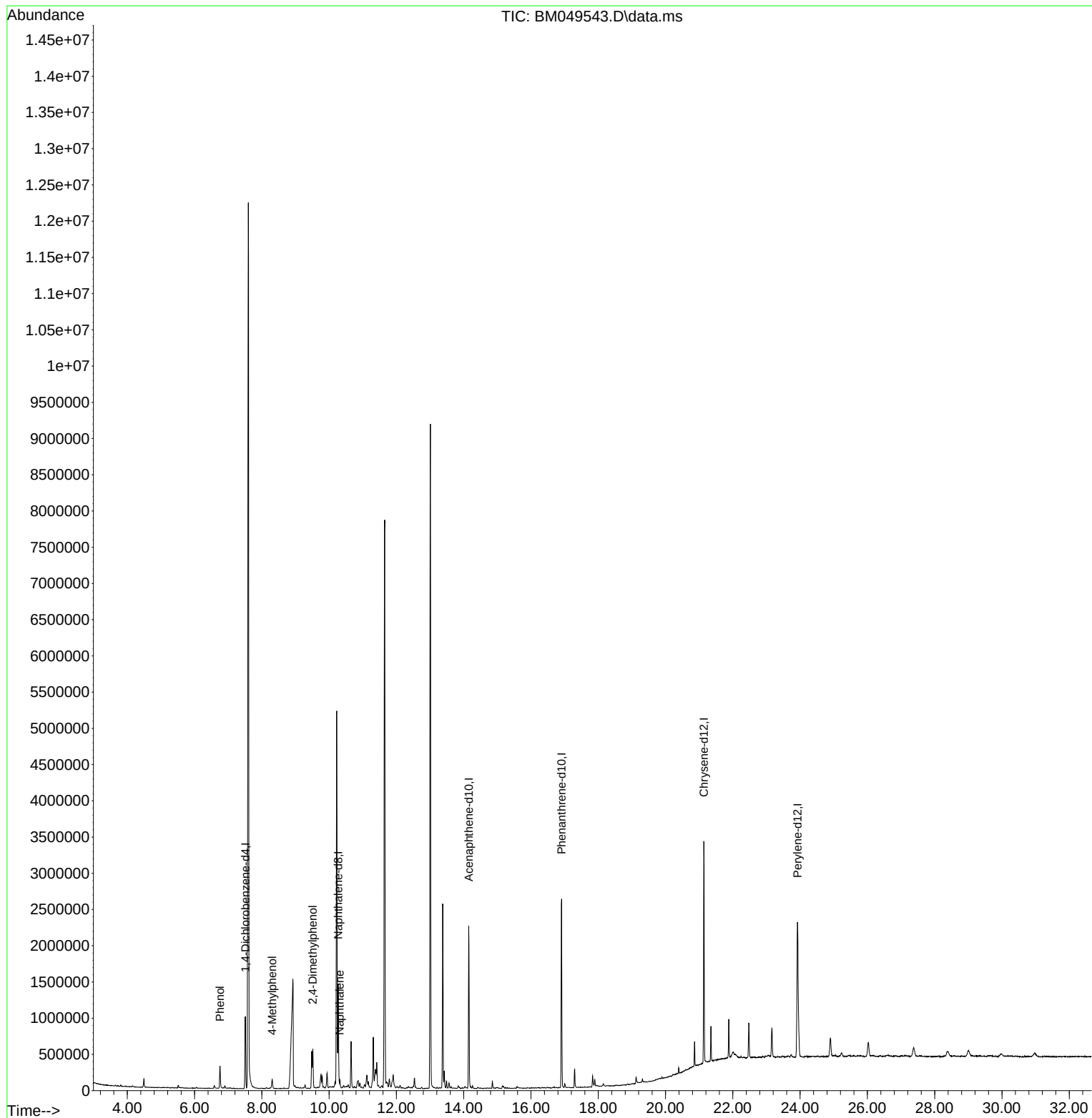
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
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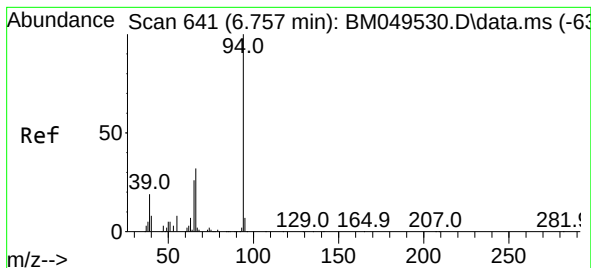
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#8

Phenol

Concen: 7.595 ng/u1

RT: 6.757 min Scan# 641

Delta R.T. 0.023 min

Lab File: BM049543.D

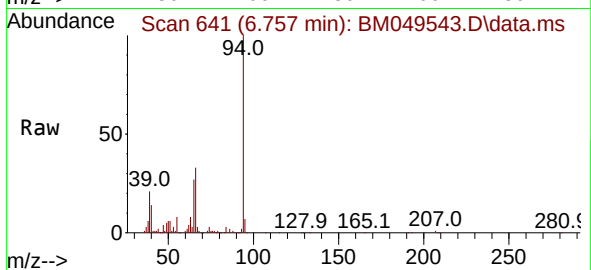
Acq: 31 Jan 2025 01:42

Instrument :

BNA_M

ClientSampleId :

E2966DL



Tgt Ion: 94 Resp: 18914

Ion Ratio Lower Upper

94 100

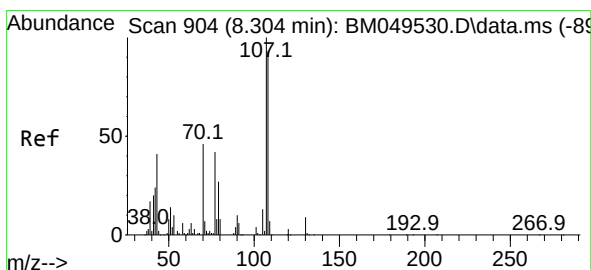
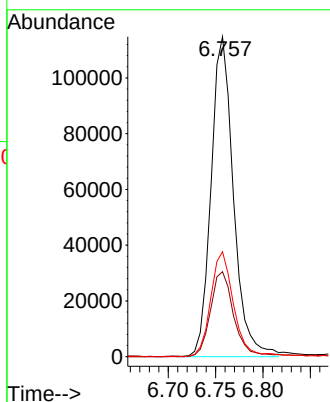
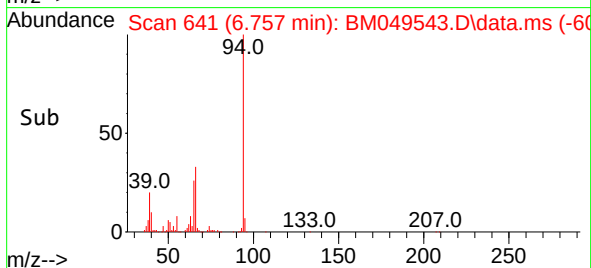
65 26.5 23.4 35.0

66 32.8 27.8 41.8

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#18

4-Methylphenol

Concen: 3.139 ng/u1

RT: 8.304 min Scan# 904

Delta R.T. 0.018 min

Lab File: BM049543.D

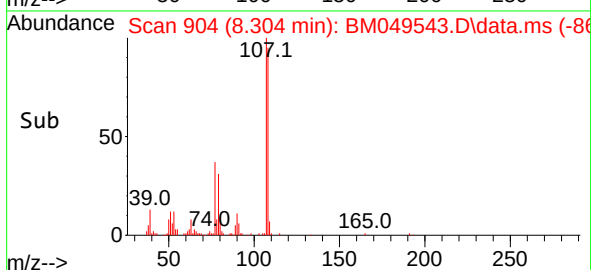
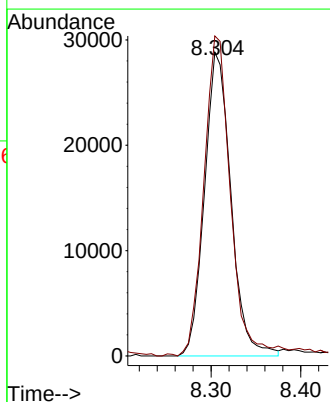
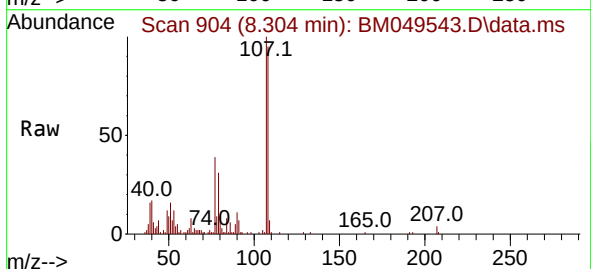
Acq: 31 Jan 2025 01:42

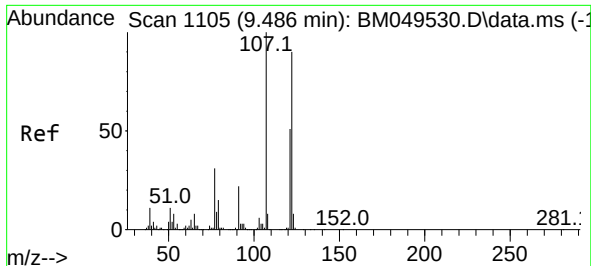
Tgt Ion:108 Resp: 59138

Ion Ratio Lower Upper

108 100

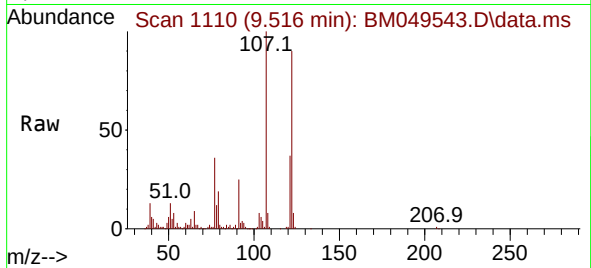
107 105.3 90.0 135.0





#26
2,4-Dimethylphenol
Concen: 18.718 ng/ul m
RT: 9.516 min Scan# 1110
Delta R.T. 0.041 min
Lab File: BM049543.D
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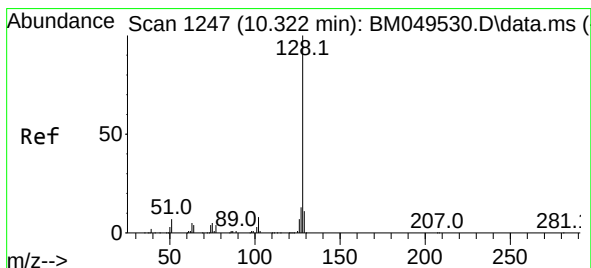
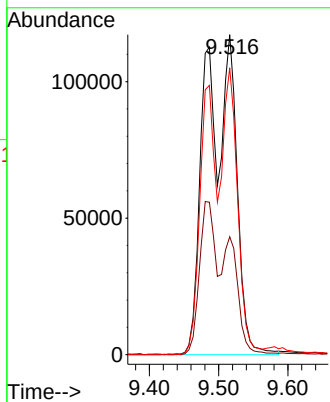
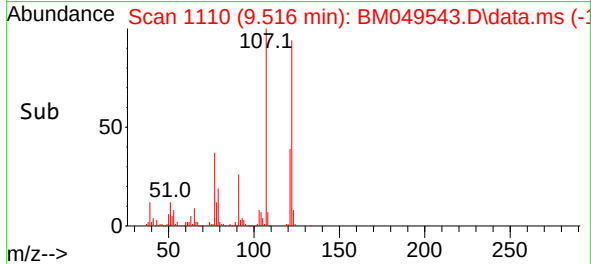
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Tgt Ion:107 Resp: 35628
Ion Ratio Lower Upper
107 100
121 36.9 39.6 59.4
122 89.7 68.7 103.1

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#30
Naphthalene
Concen: 1.386 ng/ul
RT: 10.316 min Scan# 1246
Delta R.T. -0.006 min
Lab File: BM049543.D
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Tgt Ion:128 Resp: 82382
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.3 10.6 15.8

