

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
 Data File : BM049549.D
 Acq On : 31 Jan 2025 06:16
 Operator : RC/JU
 Sample : Q1189-11
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A44R2

Manual Integrations
 APPROVED

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

Quant Time: Jan 31 09:16:42 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	235458	20.000	ng/u1	0.00
20) Naphthalene-d8	10.269	136	898765	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.151	164	610378	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.910	188	1279571	20.000	ng/u1	0.00
79) Chrysene-d12	21.145	240	1284501	20.000	ng/u1	0.01
88) Perylene-d12	23.927	264	1378176	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.111	96	16957	2.668	ng/uL	-0.01
4) Pyridine-d5	3.511	84	63166	3.383	ng/u1	0.00
7) Phenol-d5	6.722	99	300690	15.737	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	6.858	67	204261	15.634	ng/u1	0.00
11) 2-Chlorophenol-d4	7.058	132	255829	17.303	ng/u1	0.00
15) 4-Methylphenol-d8	8.240	113	152528	10.896	ng/u1	0.01
21) Nitrobenzene-d5	8.657	128	122321	17.790	ng/u1	0.00
24) 2-Nitrophenol-d4	9.369	143	136065	18.142	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.916	165	247095	16.145	ng/u1	0.01
31) 4-Chloroaniline-d4	10.428	131	126945	6.466	ng/u1	0.00
46) Dimethylphthalate-d6	13.575	166	787420	17.594	ng/u1	0.00
49) Acenaphthylene-d8	13.839	160	860055	16.356	ng/u1	0.00
54) 4-Nitrophenol-d4	14.428	143	105380	14.354	ng/u1	0.05
60) Fluorene-d10	15.151	176	671669	17.066	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.292	200	38648	4.793	ng/u1	0.01
73) Anthracene-d10	17.004	188	975968	15.274	ng/u1	0.00
81) Pyrene-d10	19.316	212	1005152	13.386	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.739	264	576899	7.848	ng/u1	0.01
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.669	77	1123043	107.021	ng/u1	93
8) Phenol	6.752	94	39479m	1.969	ng/u1	
16) Acetophenone	8.328	105	113703	4.884	ng/u1	96
87) Chrysene	21.180	228	98308	1.173	ng/u1#	92
90) Benzo(b)fluoranthene	23.057	252	91576	1.025	ng/u1#	80

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

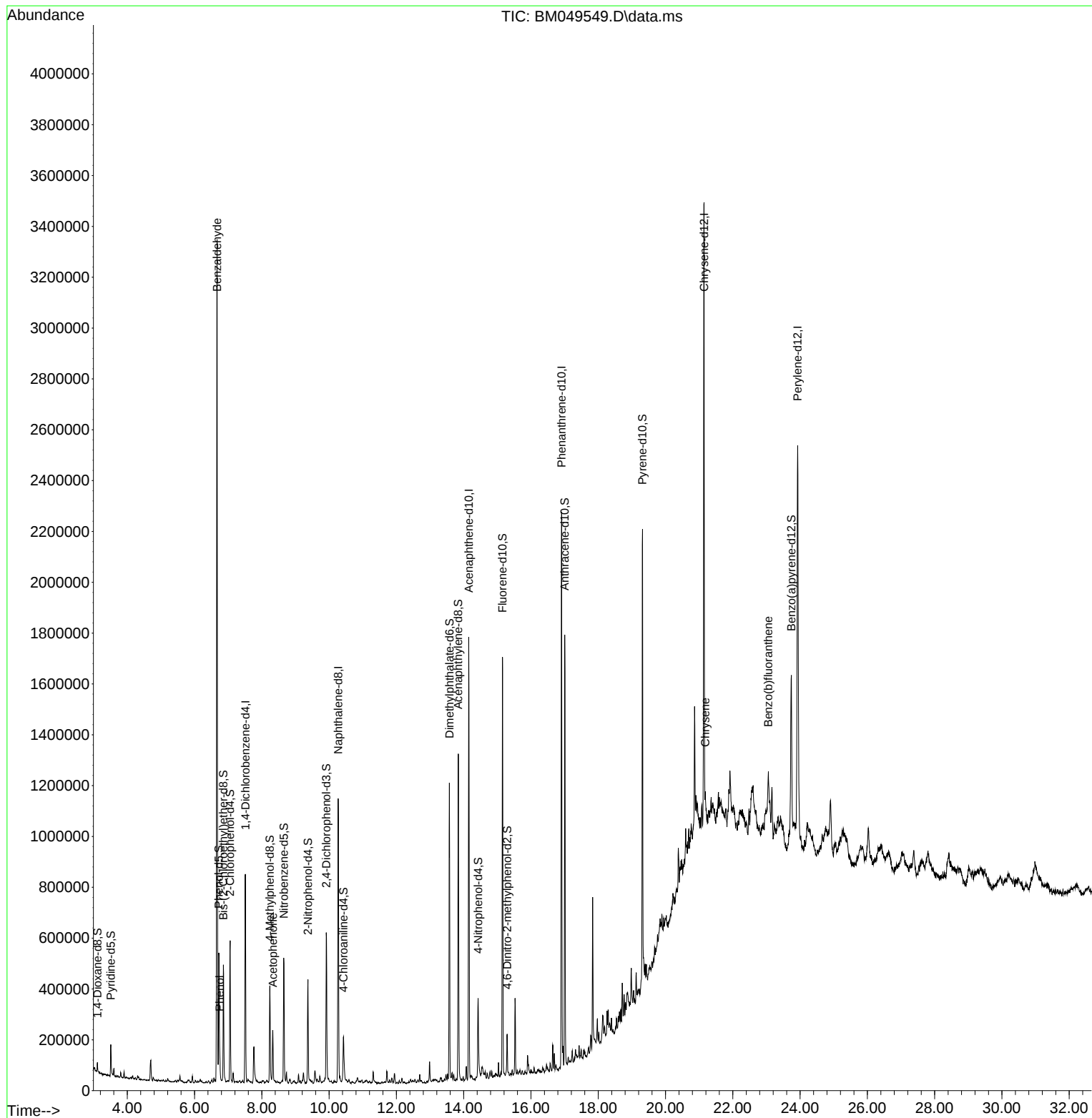
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
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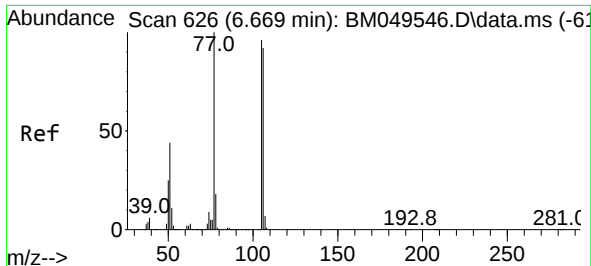
Instrument :
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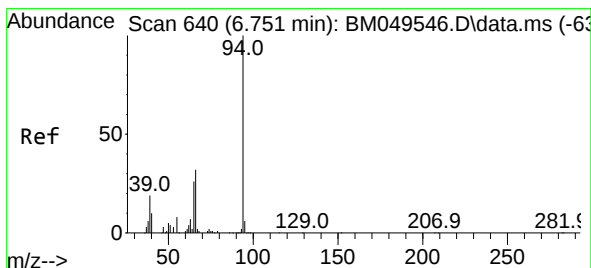
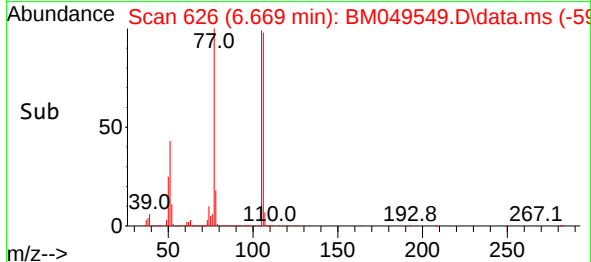
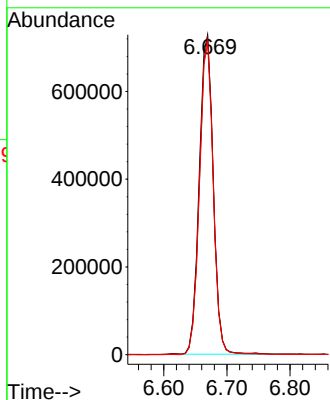
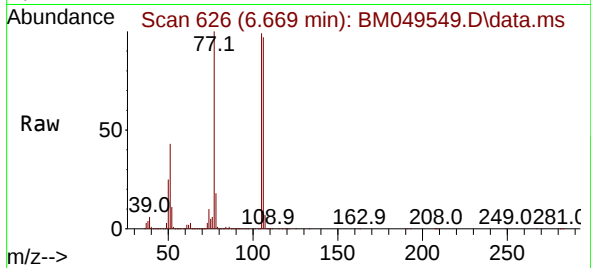
#6
Benzaldehyde
Concen: 107.021 ng/ul
RT: 6.669 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM049549.D
Acq: 31 Jan 2025 06:16

Instrument :
BNA_M
ClientSampleId :
A44R2

Tgt Ion: 77 Resp: 112304
Ion Ratio Lower Upper
77 100
105 99.4 74.2 111.4
106 97.4 72.7 109.1

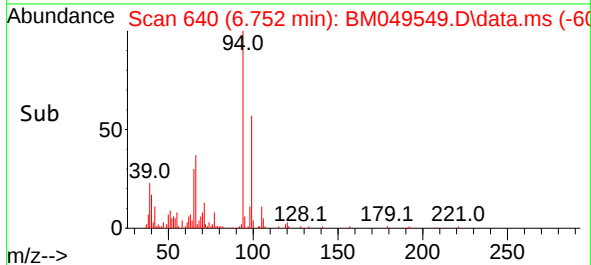
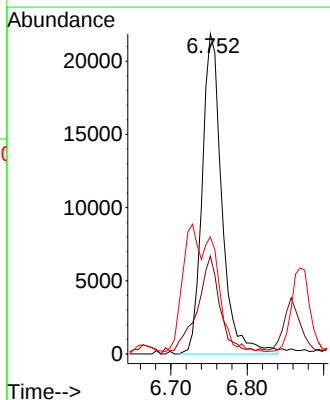
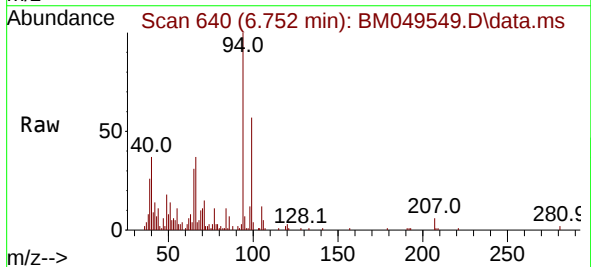
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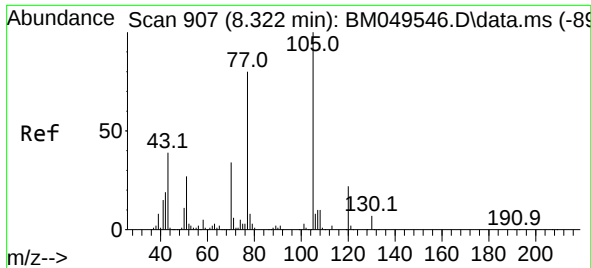
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Supervised By :mohammad ahmed 02/04/2025



#8
Phenol
Concen: 1.969 ng/ul m
RT: 6.752 min Scan# 640
Delta R.T. 0.018 min
Lab File: BM049549.D
Acq: 31 Jan 2025 06:16

Tgt Ion: 94 Resp: 39479
Ion Ratio Lower Upper
94 100
65 30.6 23.4 35.0
66 36.6 27.8 41.8





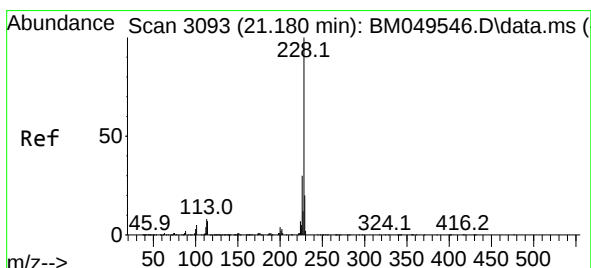
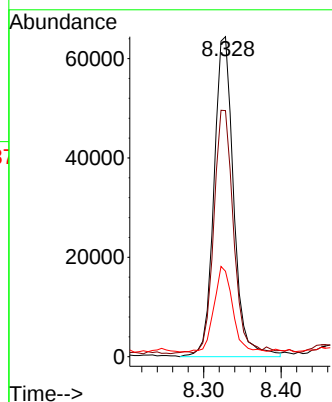
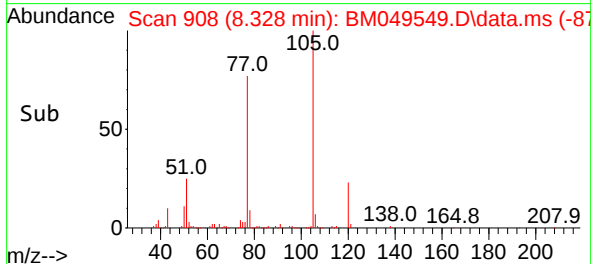
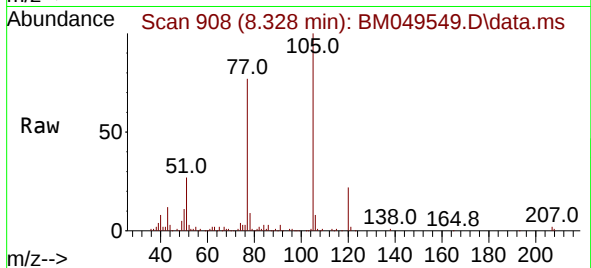
#16
Acetophenone
Concen: 4.884 ng/ul
RT: 8.328 min Scan# 907
Delta R.T. 0.000 min
Lab File: BM049549.D
Acq: 31 Jan 2025 06:16

Instrument :
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A44R2

Tgt Ion:105 Resp: 11370
Ion Ratio Lower Upper
105 100
77 76.9 64.6 97.0
51 26.7 23.3 34.9

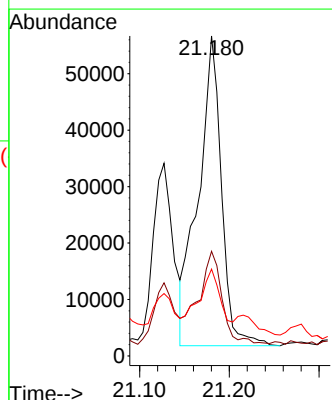
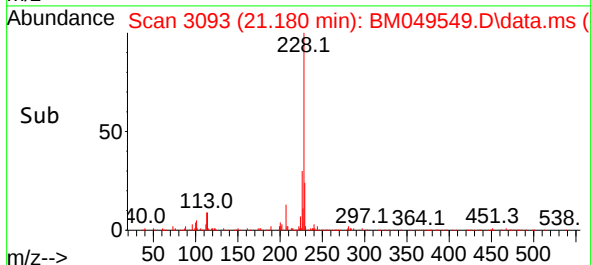
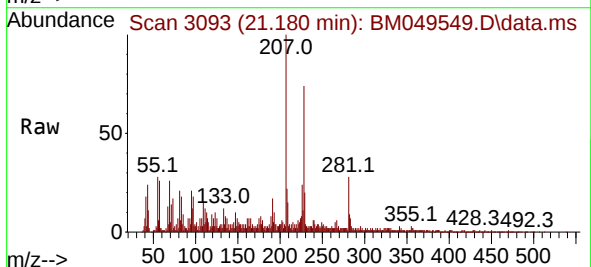
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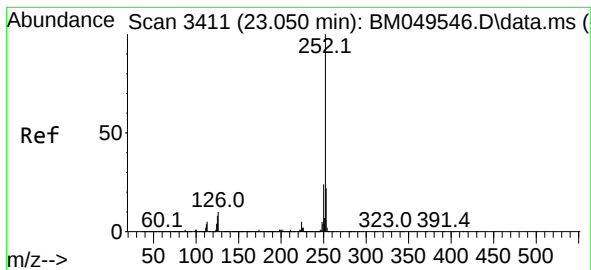
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Supervised By :mohammad ahmed 02/04/2025



#87
Chrysene
Concen: 1.173 ng/ul
RT: 21.180 min Scan# 3093
Delta R.T. 0.006 min
Lab File: BM049549.D
Acq: 31 Jan 2025 06:16

Tgt Ion:228 Resp: 98308
Ion Ratio Lower Upper
228 100
226 32.7 24.6 37.0
229 27.1 15.9 23.9#





#90

Benzo(b)fluoranthene

Concen: 1.025 ng/ul

RT: 23.057 min Scan# 3411

Delta R.T. 0.012 min

Lab File: BM049549.D

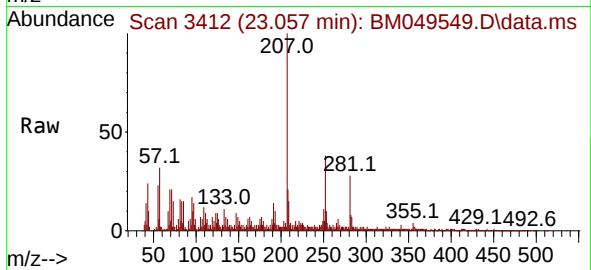
Acq: 31 Jan 2025 06:16

Instrument :

BNA_M

ClientSampleId :

A44R2



Tgt Ion:252 Resp: 91570

Ion Ratio Lower Upper

252 100

253 27.2 17.6 26.4

125 23.4 6.3 9.5

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