

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
 Data File : BM049539.D
 Acq On : 30 Jan 2025 23:06
 Operator : RC/JU
 Sample : Q1189-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A44Q6

Manual Integrations
 APPROVED

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

Quant Time: Jan 31 08:24:46 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	241839	20.000	ng/u1	0.00
20) Naphthalene-d8	10.269	136	917154	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.151	164	604759	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.910	188	1265930	20.000	ng/u1	0.00
79) Chrysene-d12	21.139	240	1282204	20.000	ng/u1	0.00
88) Perylene-d12	23.927	264	1364203	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.111	96	13623	2.087	ng/uL	-0.01
4) Pyridine-d5	3.510	84	65453	3.413	ng/u1	0.00
7) Phenol-d5	6.728	99	271255	13.822	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	6.857	67	169734	12.648	ng/u1	0.00
11) 2-Chlorophenol-d4	7.057	132	220537	14.522	ng/u1	0.00
15) 4-Methylphenol-d8	8.240	113	180746	12.571	ng/u1	0.01
21) Nitrobenzene-d5	8.651	128	99003	14.110	ng/u1	0.00
24) 2-Nitrophenol-d4	9.369	143	115632	15.109	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.922	165	215218	13.780	ng/u1	0.02
31) 4-Chloroaniline-d4	10.428	131	111158m	5.549	ng/u1	0.00
46) Dimethylphthalate-d6	13.575	166	639281	14.417	ng/u1	0.00
49) Acenaphthylene-d8	13.839	160	652488	12.524	ng/u1	0.00
54) 4-Nitrophenol-d4	14.427	143	90659m	12.464	ng/u1	0.05
60) Fluorene-d10	15.151	176	487182	12.494	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.292	200	54394	6.819	ng/u1	0.01
73) Anthracene-d10	17.004	188	750886	11.878	ng/u1	0.00
81) Pyrene-d10	19.315	212	783428	10.452	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.733	264	513371	7.056	ng/u1	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.669	77	29235	2.712	ng/u1	95
8) Phenol	6.751	94	37518m	1.821	ng/u1	
16) Acetophenone	8.328	105	138483	5.792	ng/u1	98
50) Acenaphthylene	13.869	152	82384	1.539	ng/u1	97
72) Phenanthrene	16.951	178	516491	7.248	ng/u1	99
74) Anthracene	17.039	178	106451	1.483	ng/u1	99
80) Fluoranthene	18.980	202	1888842	22.063	ng/u1	100
82) Pyrene	19.345	202	1386105	15.047	ng/u1	99
85) Benzo(a)anthracene	21.127	228	791241	8.785	ng/u1	95
87) Chrysene	21.180	228	989925	11.835	ng/u1	99
90) Benzo(b)fluoranthene	23.056	252	1280393	14.480	ng/u1	98
91) Benzo(k)fluoranthene	23.109	252	460486	5.154	ng/u1	98
93) Benzo(a)pyrene	23.791	252	452816	5.459	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.009	276	438582	4.266	ng/u1	99
95) Dibenzo(a,h)anthracene	27.050	278	156504	1.879	ng/u1	97

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

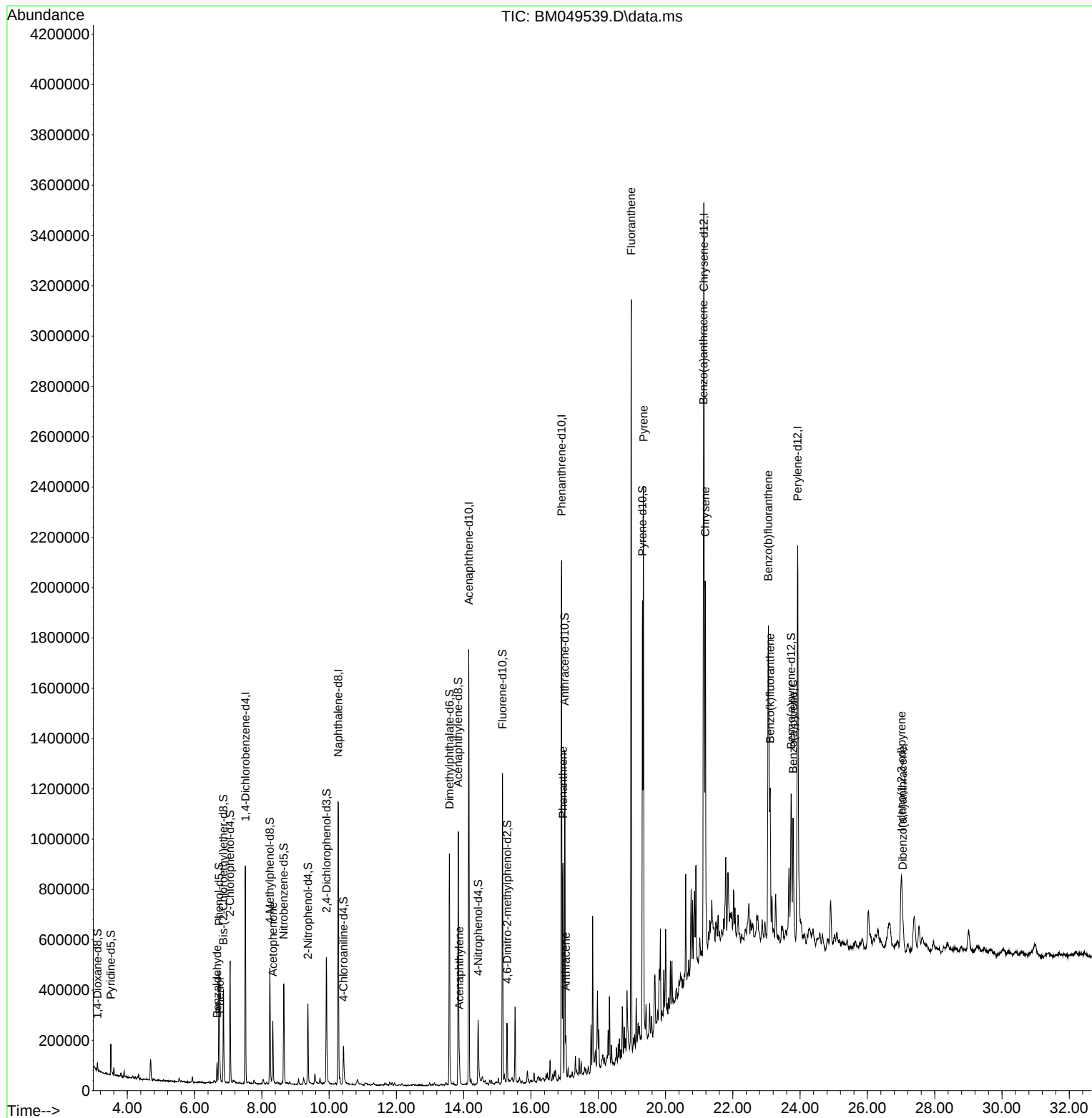
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
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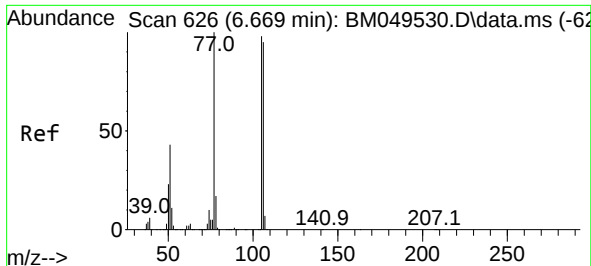
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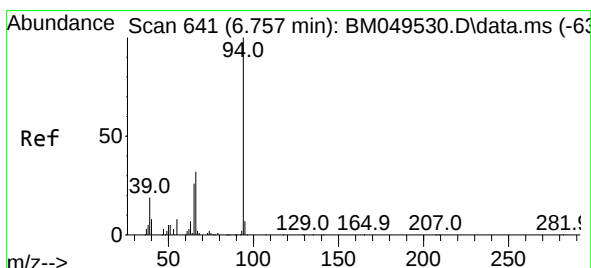
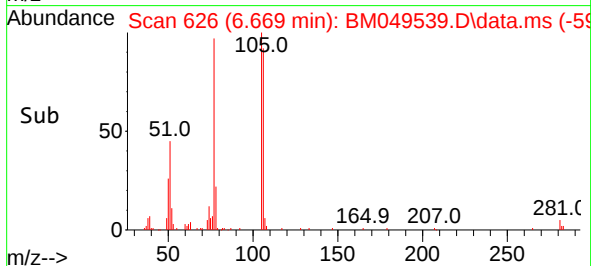
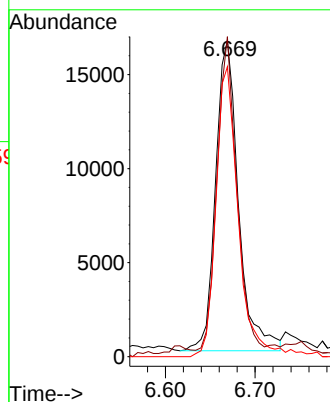
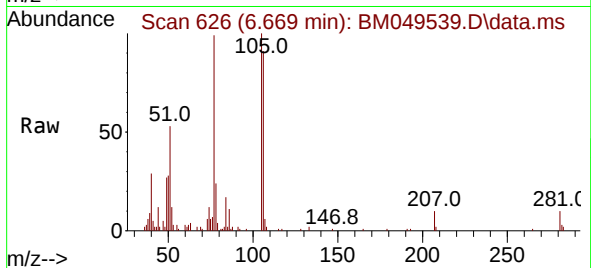
#6
Benzaldehyde
Concen: 2.712 ng/ul
RT: 6.669 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM049539.D
Acq: 30 Jan 2025 23:06

Instrument :
BNA_M
ClientSampleId :
A44Q6

Tgt Ion: 77 Resp: 2923
Ion Ratio Lower Upper
77 100
105 101.2 74.2 111.4
106 91.7 72.7 109.1

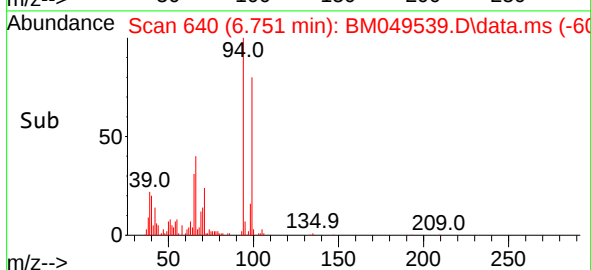
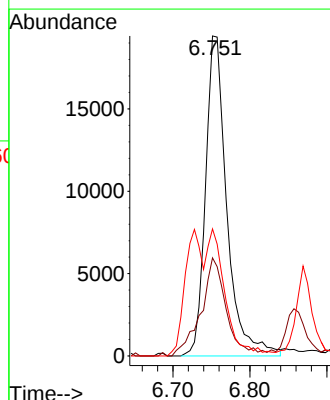
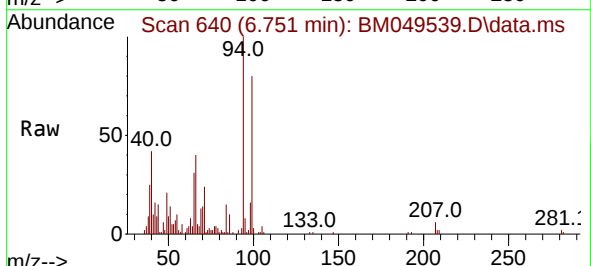
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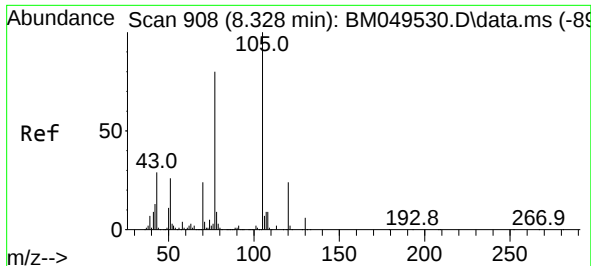
Reviewed By :Jagrut Upadhyay 01/31/2025
Supervised By :mohammad ahmed 02/04/2025



#8
Phenol
Concen: 1.821 ng/ul m
RT: 6.751 min Scan# 640
Delta R.T. 0.018 min
Lab File: BM049539.D
Acq: 30 Jan 2025 23:06

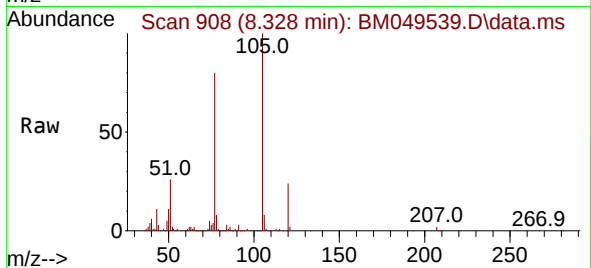
Tgt Ion: 94 Resp: 37518
Ion Ratio Lower Upper
94 100
65 30.6 23.4 35.0
66 39.7 27.8 41.8





#16
Acetophenone
Concen: 5.792 ng/ul
RT: 8.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: BM049539.D
Acq: 30 Jan 2025 23:06

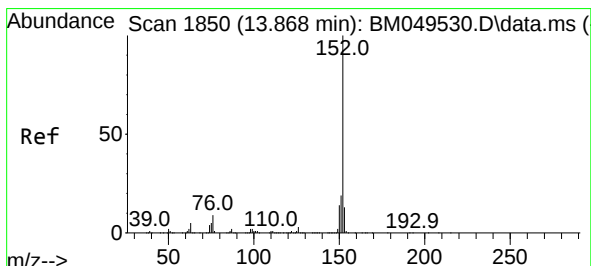
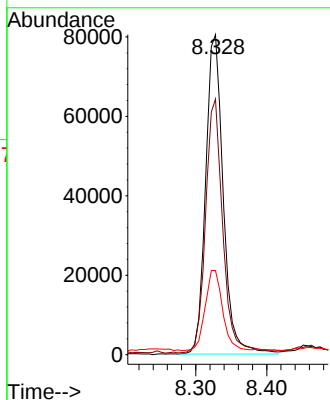
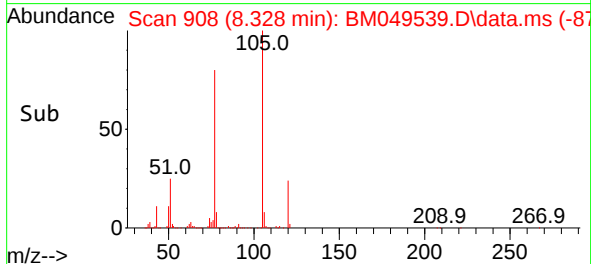
Instrument :
BNA_M
ClientSampleId :
A44Q6



Tgt Ion:105 Resp: 13848
Ion Ratio Lower Upper
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77 79.9 64.6 97.0
51 26.3 23.3 34.9

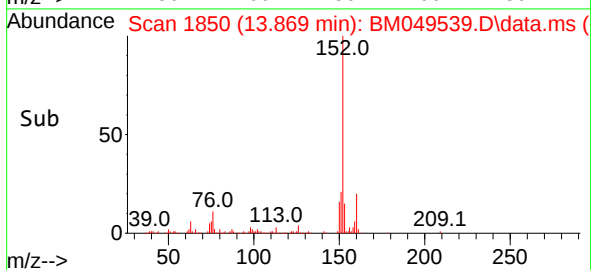
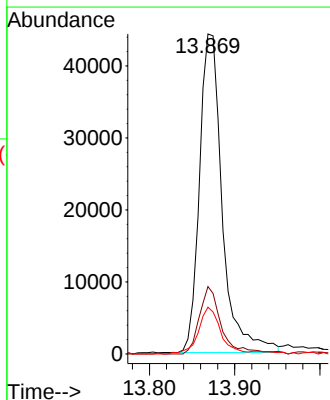
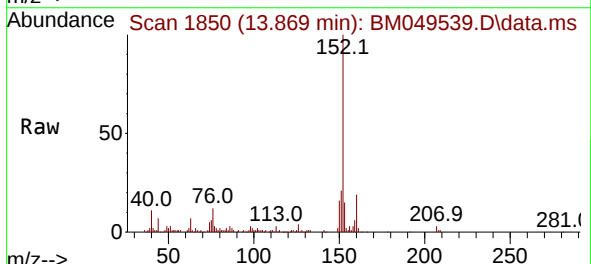
Manual Integrations
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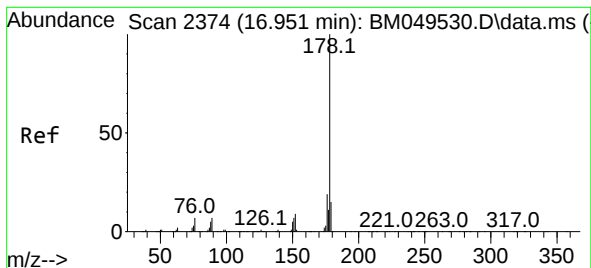
Reviewed By :Jagrut Upadhyay 01/31/2025
Supervised By :mohammad ahmed 02/04/2025



#50
Acenaphthylene
Concen: 1.539 ng/ul
RT: 13.869 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BM049539.D
Acq: 30 Jan 2025 23:06

Tgt Ion:152 Resp: 82384
Ion Ratio Lower Upper
152 100
151 21.1 16.0 24.0
153 14.6 10.4 15.6





#72

Phenanthrene

Concen: 7.248 ng/ul

RT: 16.951 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM049539.D

Acq: 30 Jan 2025 23:06

Instrument :

BNA_M

ClientSampleId :

A44Q6

Tgt Ion:178 Resp: 51649

Ion Ratio Lower Upper

178 100

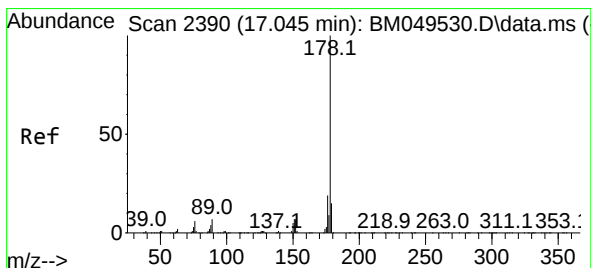
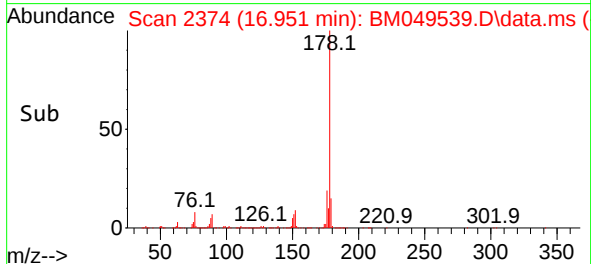
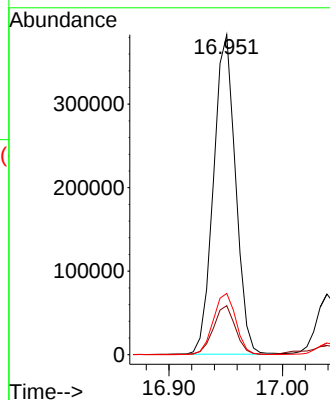
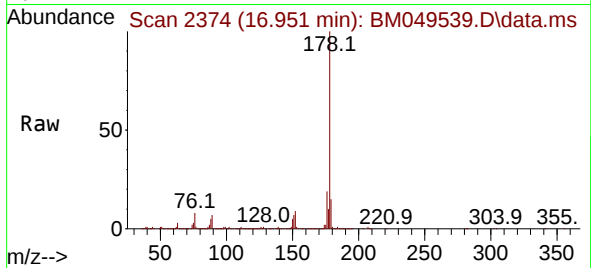
179 15.3 12.4 18.6

176 19.2 15.6 23.4

Manual Integrations

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



#74

Anthracene

Concen: 1.483 ng/ul

RT: 17.039 min Scan# 2389

Delta R.T. -0.000 min

Lab File: BM049539.D

Acq: 30 Jan 2025 23:06

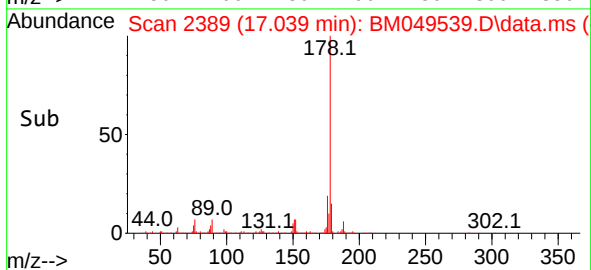
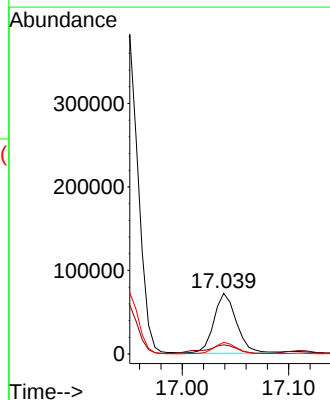
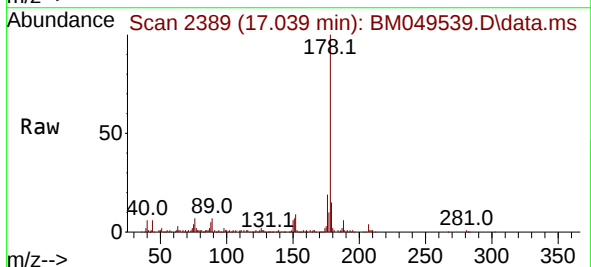
Tgt Ion:178 Resp: 106451

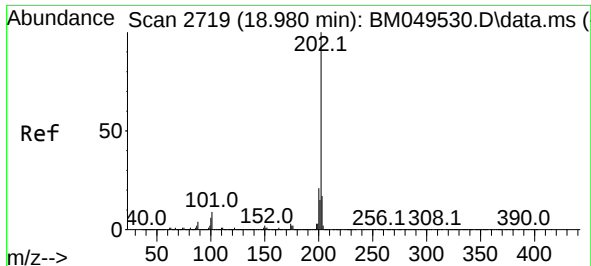
Ion Ratio Lower Upper

178 100

179 15.0 12.2 18.4

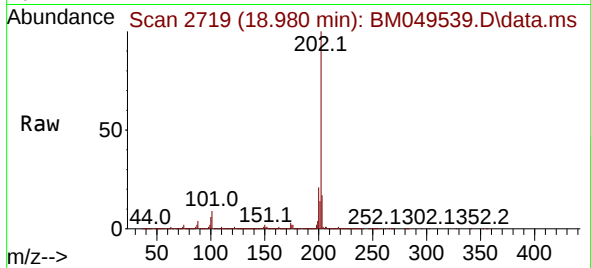
176 19.3 15.0 22.4





#80
Fluoranthene
Concen: 22.063 ng/u1
RT: 18.980 min Scan# 2719
Delta R.T. 0.006 min
Lab File: BM049539.D
Acq: 30 Jan 2025 23:06

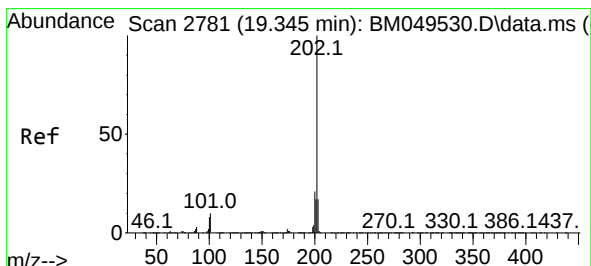
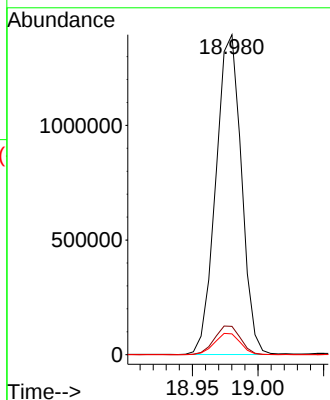
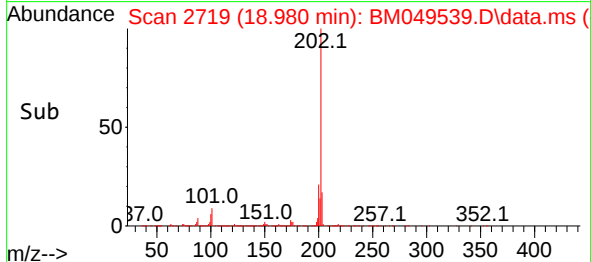
Instrument :
BNA_M
ClientSampleId :
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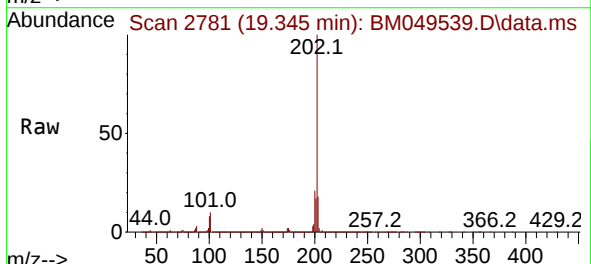
Tgt Ion:202 Resp: 188884
Ion Ratio Lower Upper
202 100
101 8.8 6.9 10.3
100 6.5 5.1 7.7

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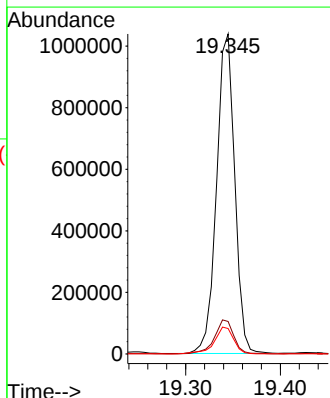
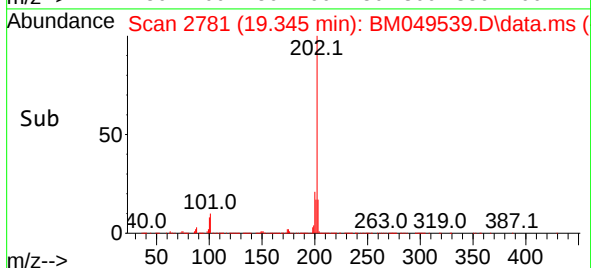
Reviewed By :Jagrut Upadhyay 01/31/2025
Supervised By :mohammad ahmed 02/04/2025

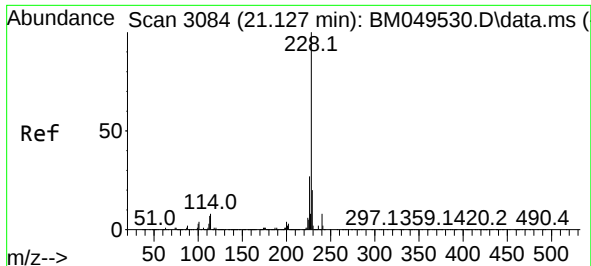


#82
Pyrene
Concen: 15.047 ng/u1
RT: 19.345 min Scan# 2781
Delta R.T. 0.006 min
Lab File: BM049539.D
Acq: 30 Jan 2025 23:06



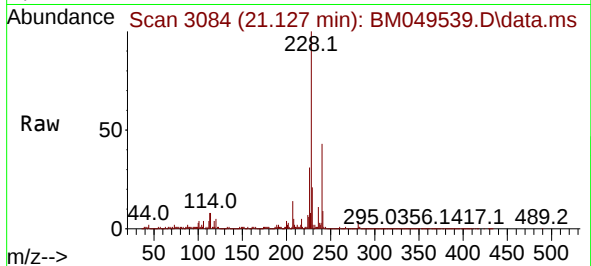
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Ion Ratio Lower Upper
202 100
101 10.2 8.3 12.5
100 7.9 6.6 9.8





#85
Benzo(a)anthracene
Concen: 8.785 ng/u1
RT: 21.127 min Scan# 3084
Delta R.T. 0.012 min
Lab File: BM049539.D
Acq: 30 Jan 2025 23:06

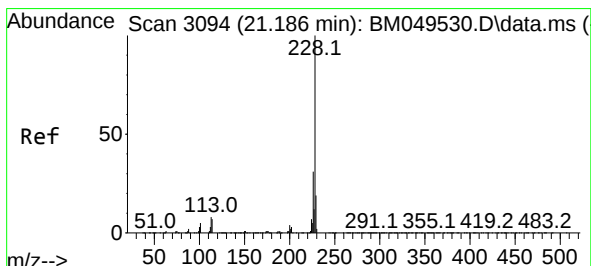
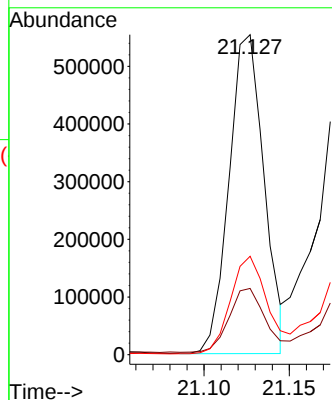
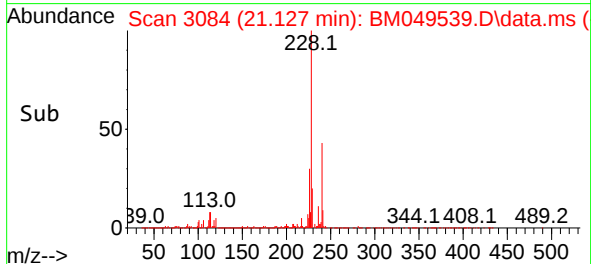
Instrument :
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ClientSampleId :
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Tgt Ion:228 Resp: 79124
Ion Ratio Lower Upper
228 100
229 20.7 15.7 23.5
226 30.7 22.1 33.1

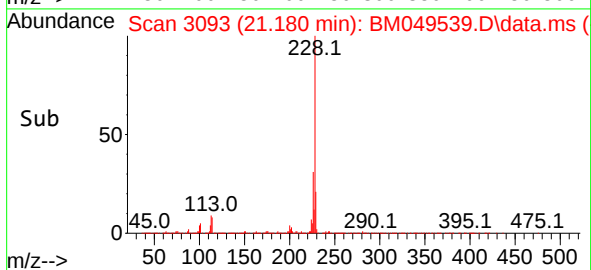
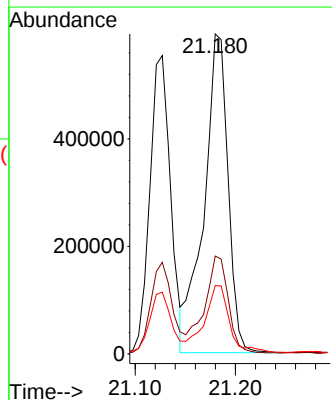
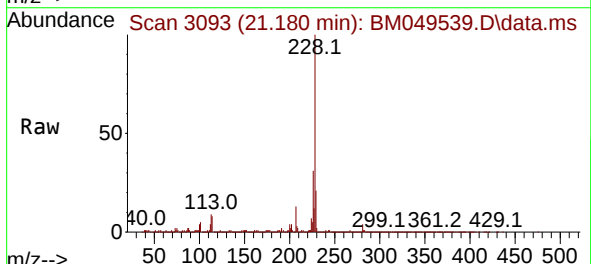
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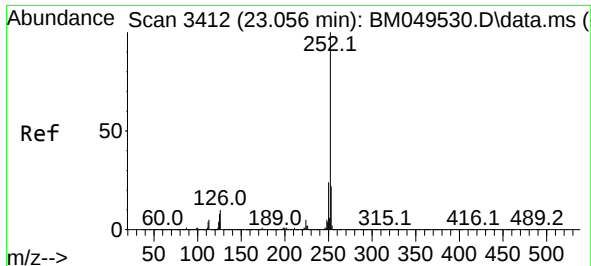
Reviewed By :Jagrut Upadhyay 01/31/2025
Supervised By :mohammad ahmed 02/04/2025



#87
Chrysene
Concen: 11.835 ng/u1
RT: 21.180 min Scan# 3093
Delta R.T. 0.006 min
Lab File: BM049539.D
Acq: 30 Jan 2025 23:06

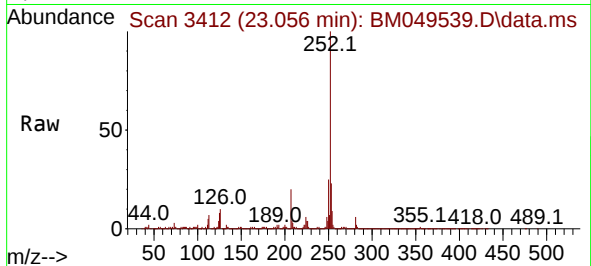
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Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 21.4 15.9 23.9





#90
Benzo(b)fluoranthene
Concen: 14.480 ng/ul
RT: 23.056 min Scan# 3412
Delta R.T. 0.012 min
Lab File: BM049539.D
Acq: 30 Jan 2025 23:06

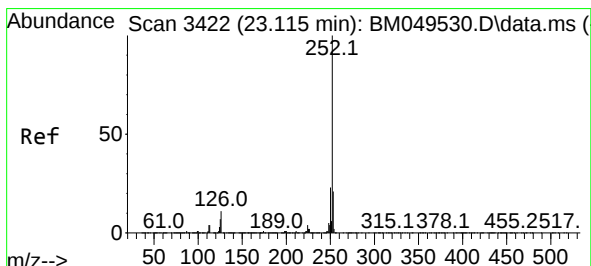
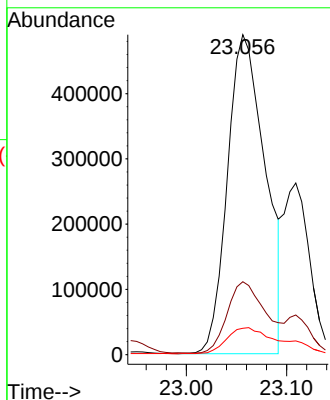
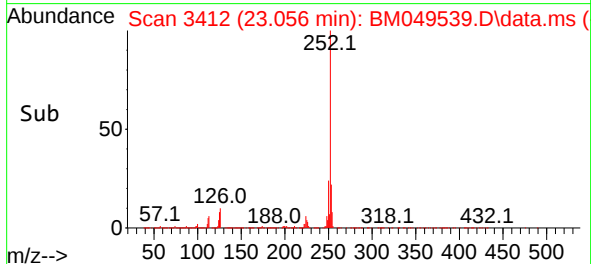
Instrument :
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ClientSampleId :
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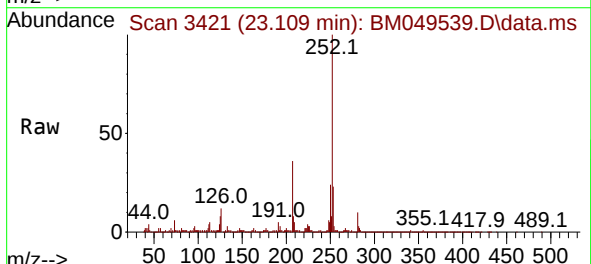
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Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 8.3 6.3 9.5

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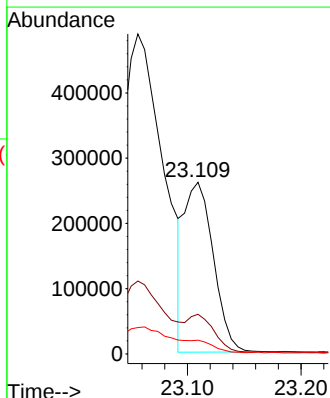
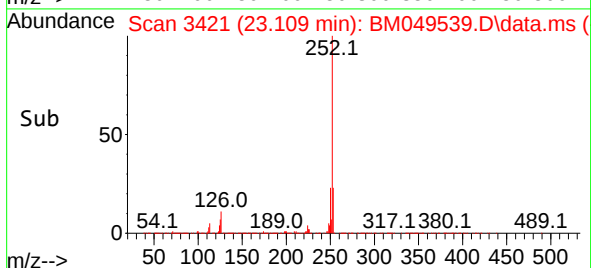
Reviewed By :Jagrut Upadhyay 01/31/2025
Supervised By :mohammad ahmed 02/04/2025

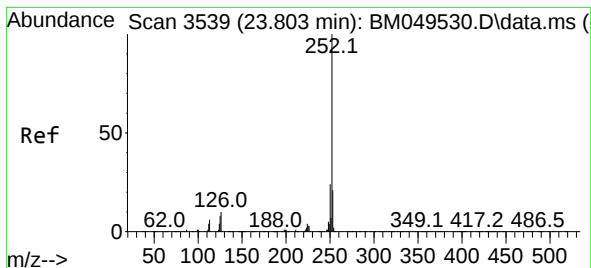


#91
Benzo(k)fluoranthene
Concen: 5.154 ng/ul
RT: 23.109 min Scan# 3421
Delta R.T. 0.012 min
Lab File: BM049539.D
Acq: 30 Jan 2025 23:06



Tgt Ion:252 Resp: 460486
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 8.0 6.5 9.7





#93

Benzo(a)pyrene

Concen: 5.459 ng/ul

RT: 23.791 min Scan# 3537

Delta R.T. 0.012 min

Lab File: BM049539.D

Acq: 30 Jan 2025 23:06

Instrument :

BNA_M

ClientSampleId :

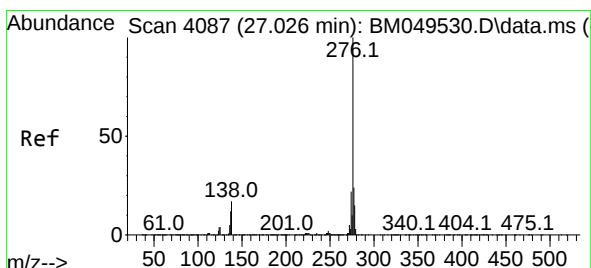
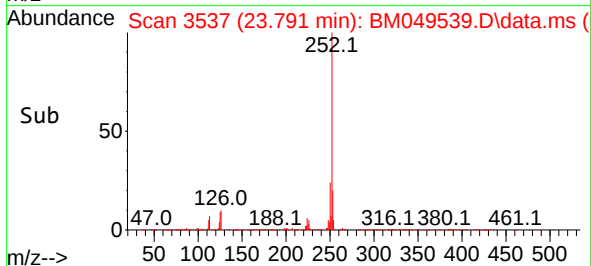
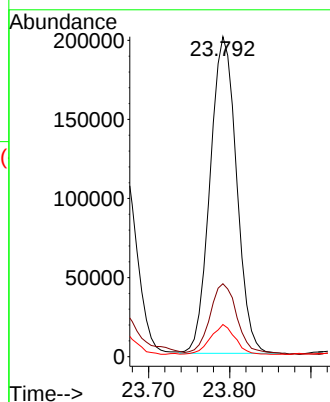
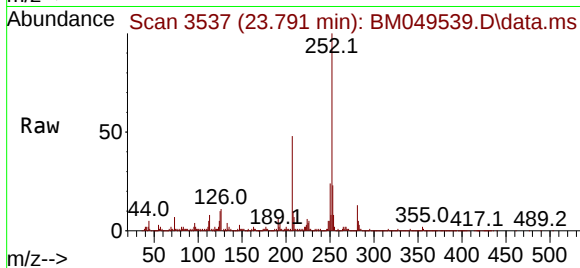
A44Q6

Tgt Ion:252 Resp: 452810
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.3 25.9
 125 10.1 7.0 10.6

Manual Integrations

APPROVED

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



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.266 ng/ul

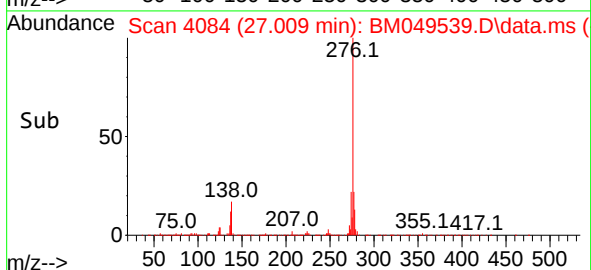
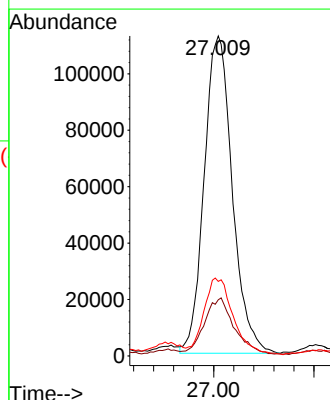
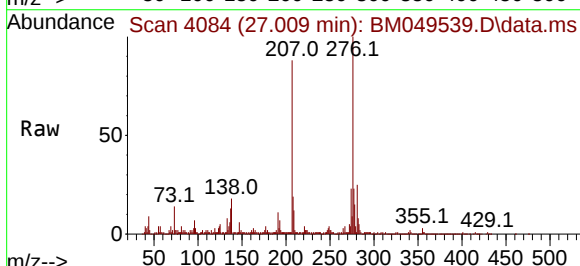
RT: 27.009 min Scan# 4084

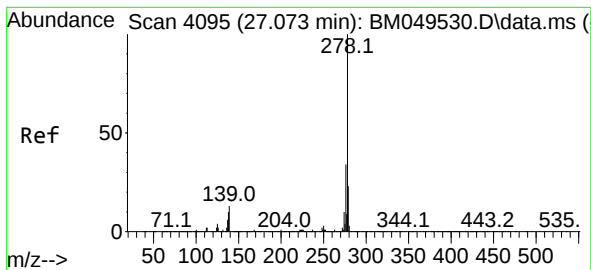
Delta R.T. 0.018 min

Lab File: BM049539.D

Acq: 30 Jan 2025 23:06

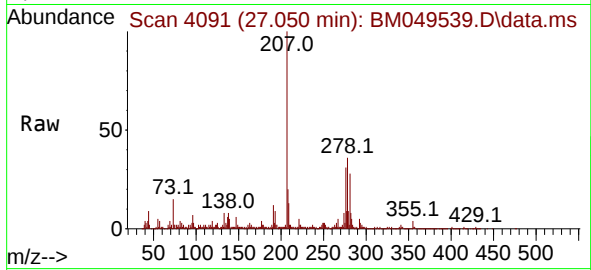
Tgt Ion:276 Resp: 438582
 Ion Ratio Lower Upper
 276 100
 138 17.5 13.8 20.6
 277 23.3 19.0 28.6





#95
 Dibenzo(a,h)anthracene
 Concen: 1.879 ng/ul
 RT: 27.050 min Scan# 4091
 Delta R.T. -0.000 min
 Lab File: BM049539.D
 Acq: 30 Jan 2025 23:06

Instrument :
 BNA_M
 ClientSampleId :
 A44Q6



Tgt Ion:278 Resp: 156504
 Ion Ratio Lower Upper
 278 100
 139 14.2 10.5 15.7
 279 25.7 19.3 28.9

Manual Integrations
 APPROVED

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

