

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
 Data File : BM049649.D
 Acq On : 13 Feb 2025 14:50
 Operator : RC/JU
 Sample : Q1202-19DL 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E29B3DL

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 02/19/2025
 Supervised By :Jagrut Upadhyay 02/19/2025

Quant Time: Feb 17 15:07:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 12 16:40:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	9848	0.400	ng/ul	0.00
4) Naphthalene-d8	10.607	136	45893m	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.451	164	33331	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.188	188	44114m	0.400	ng/ul	0.00
17) Chrysene-d12	21.365	240	33412m	0.400	ng/ul	0.00
23) Perylene-d12	23.653	264	31007m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	6519	0.588	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.201	152	4295m	0.068	ng/ul	0.00
18) Fluoranthene-d10	19.211	212	8642m	0.085	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.656	128	486474	4.277	ng/ul	98
7) 2-Methylnaphthalene	12.278	142	90746	1.225	ng/ul	98
8) 1-Methylnaphthalene	12.498	142	88855	1.184	ng/ul	98
10) Acenaphthylene	14.169	152	7264	0.051	ng/ul#	48
11) Acenaphthene	14.511	153	42784	0.415	ng/ul	87
12) Fluorene	15.497	166	23300	0.198	ng/ul#	99
14) Pentachlorophenol	16.842	266	800m	0.088	ng/ul	
15) Phenanthrene	17.230	178	54518m	0.462	ng/ul	
16) Anthracene	17.319	178	18165m	0.168	ng/ul	
19) Fluoranthene	19.244	202	17070m	0.124	ng/ul	
20) Pyrene	19.606	202	13963m	0.098	ng/ul	
21) Benzo(a)anthracene	21.350	228	5471m	0.048	ng/ul	
22) Chrysene	21.403	228	6720m	0.055	ng/ul	
24) Benzo(b)fluoranthene	22.963	252	8717m	0.084	ng/ul	
25) Benzo(k)fluoranthene	23.007	252	3905m	0.034	ng/ul	
26) Benzo(a)pyrene	23.551	252	6038m	0.065	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.973	276	4844m	0.037	ng/ul	
29) Benzo(g,h,i)perylene	26.684	276	5518m	0.052	ng/ul	

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

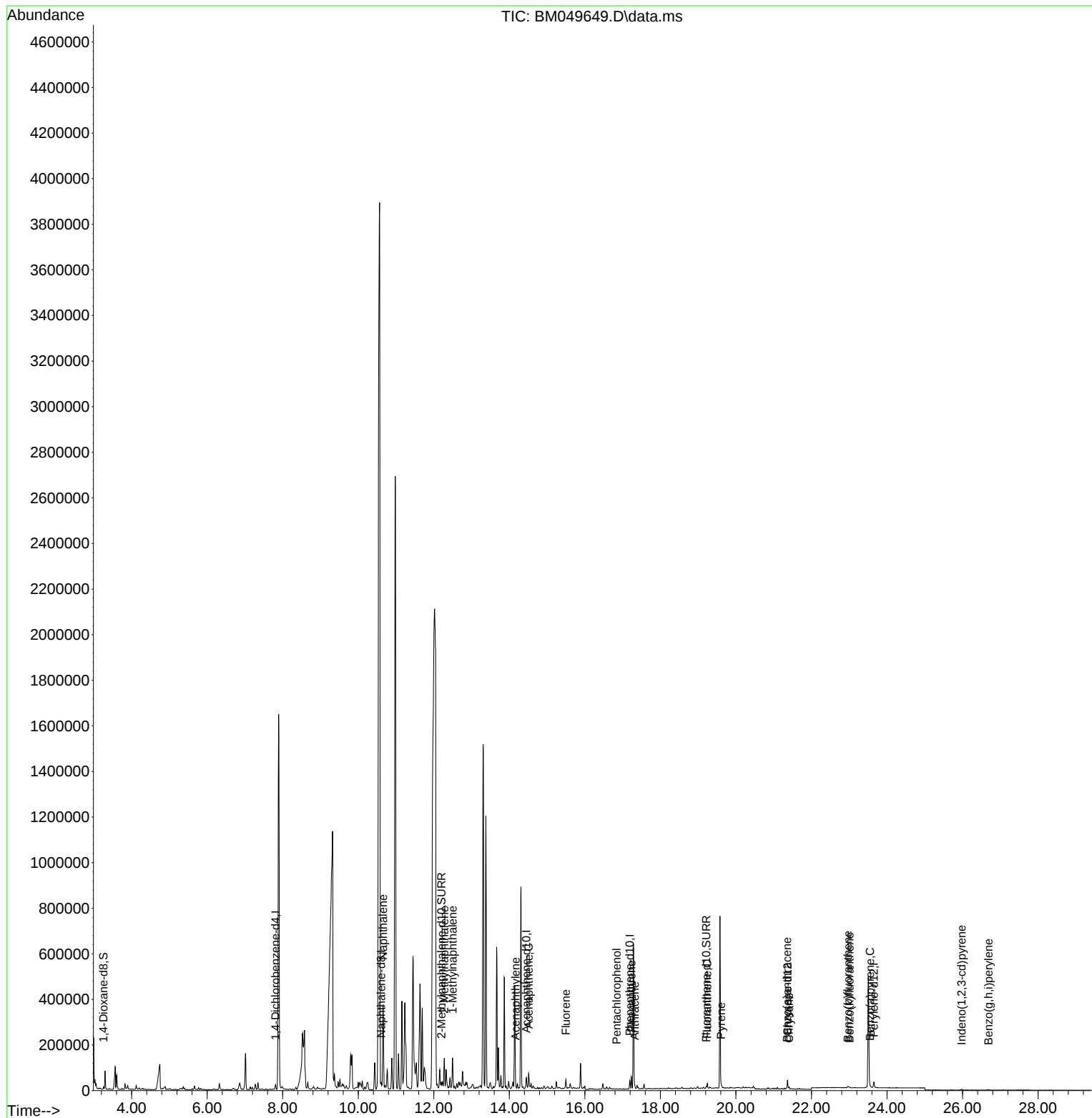
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049649.D
Acq On : 13 Feb 2025 14:50
Operator : RC/JU
Sample : Q1202-19DL 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

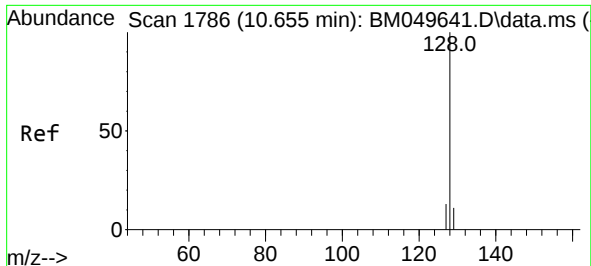
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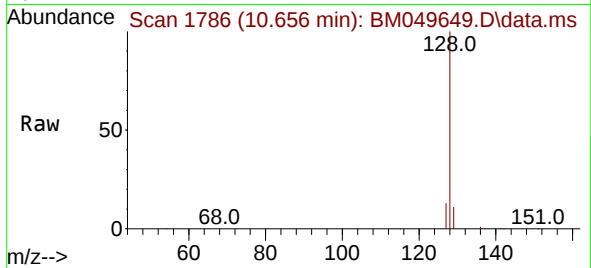
Quant Time: Feb 17 15:07:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 12 16:40:36 2025
Response via : Initial Calibration





#5
Naphthalene
Concen: 4.277 ng/ul
RT: 10.656 min Scan# 1786
Delta R.T. 0.001 min
Lab File: BM049649.D
Acq: 13 Feb 2025 14:50

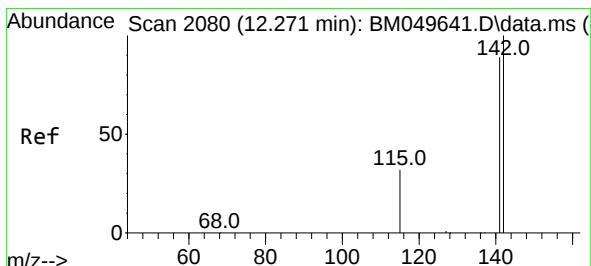
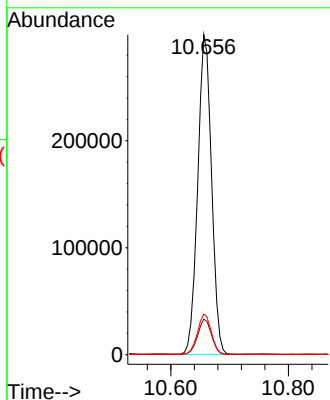
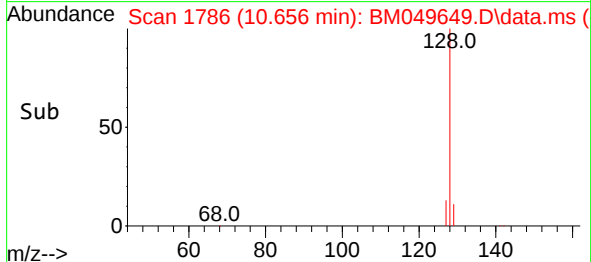
Instrument :
BNA_M
ClientSampleId :
E29B3DL



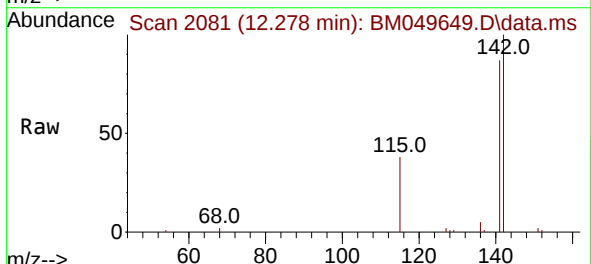
Tgt Ion:128 Resp: 486474
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.0
127 12.7 10.8 16.2

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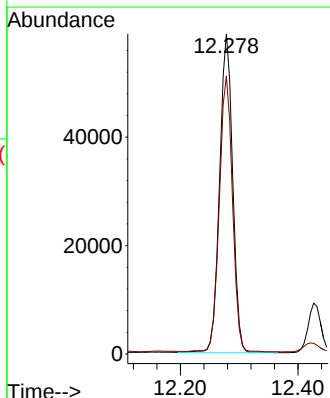
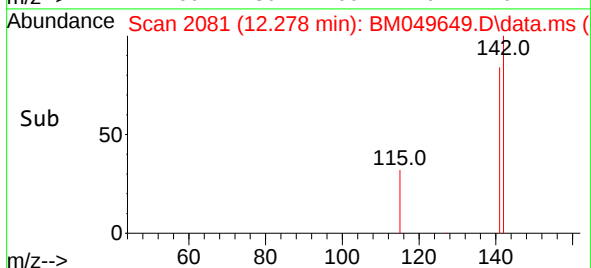
Reviewed By :Rahul Chavli 02/19/2025
Supervised By :Jagrut Upadhyay 02/19/2025

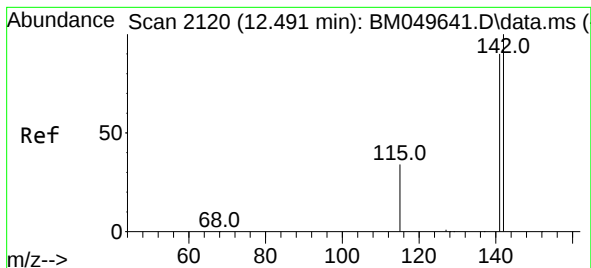


#7
2-Methylnaphthalene
Concen: 1.225 ng/ul
RT: 12.278 min Scan# 2081
Delta R.T. 0.001 min
Lab File: BM049649.D
Acq: 13 Feb 2025 14:50



Tgt Ion:142 Resp: 90746
Ion Ratio Lower Upper
142 100
141 86.9 71.0 106.6





#8

1-Methylnaphthalene

Concen: 1.184 ng/ul

RT: 12.498 min Scan# 2121

Delta R.T. 0.007 min

Lab File: BM049649.D

Acq: 13 Feb 2025 14:50

Instrument :

BNA_M

ClientSampleId :

E29B3DL

Tgt Ion:142 Resp: 8885

Ion Ratio Lower Upper

142 100

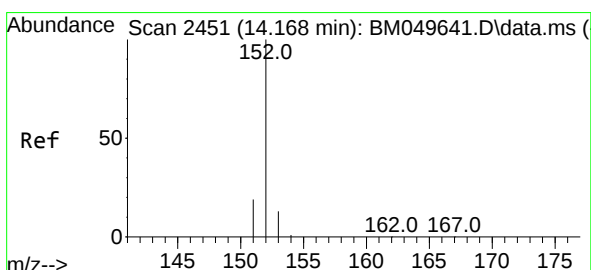
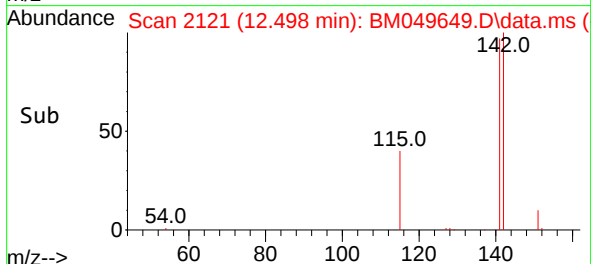
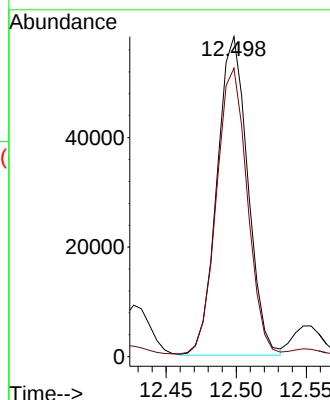
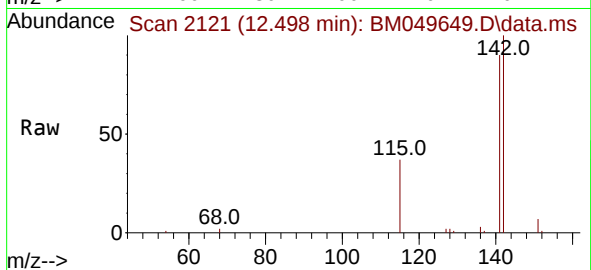
141 89.4 73.1 109.7

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#10

Acenaphthylene

Concen: 0.051 ng/ul

RT: 14.169 min Scan# 2451

Delta R.T. -0.003 min

Lab File: BM049649.D

Acq: 13 Feb 2025 14:50

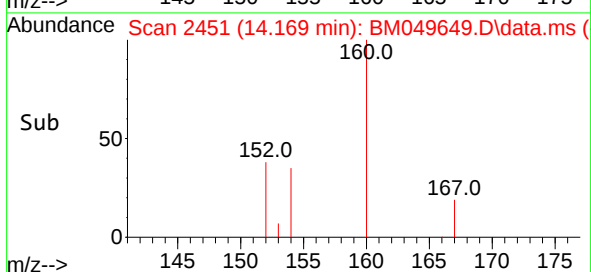
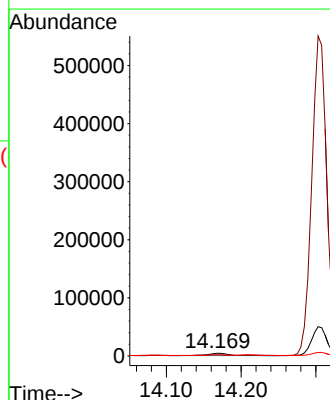
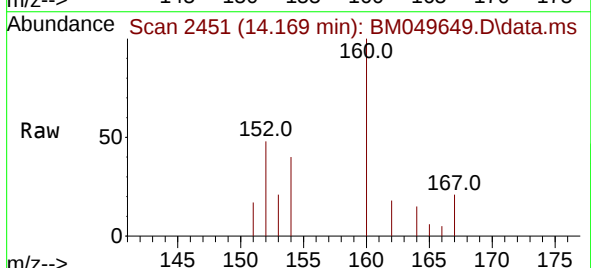
Tgt Ion:152 Resp: 7264

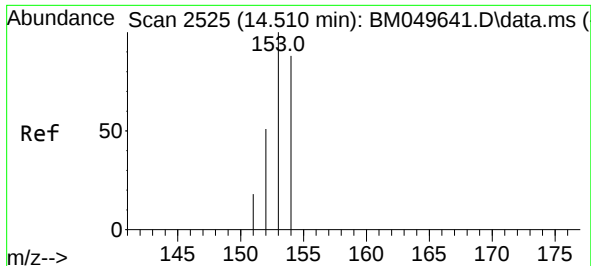
Ion Ratio Lower Upper

152 100

151 35.9 15.8 23.6#

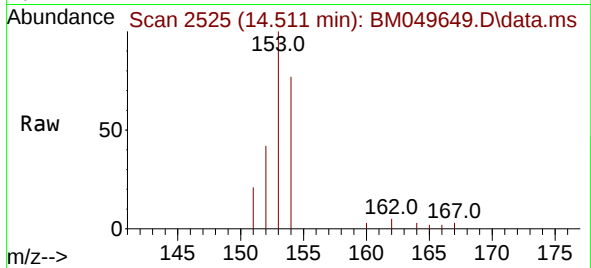
153 44.2 10.5 15.7#





#11
Acenaphthene
Concen: 0.415 ng/ul
RT: 14.511 min Scan# 21
Delta R.T. -0.003 min
Lab File: BM049649.D
Acq: 13 Feb 2025 14:50

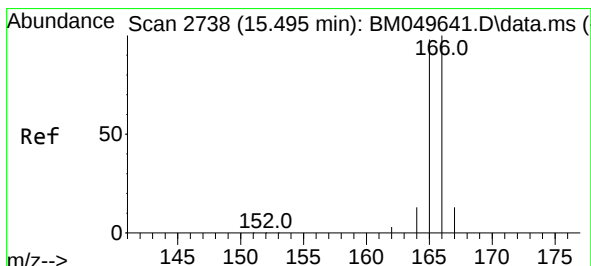
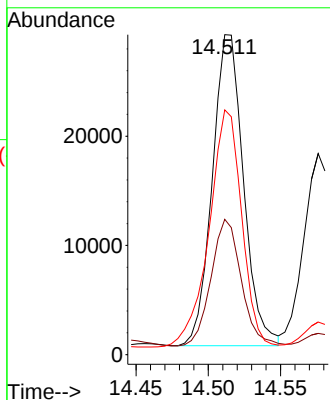
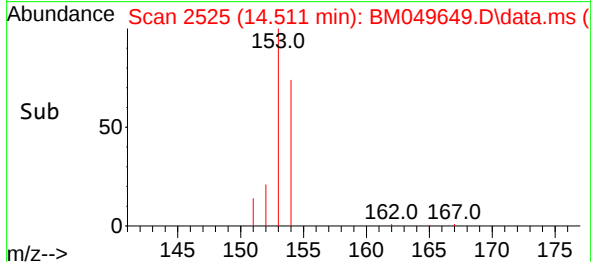
Instrument :
BNA_M
ClientSampleId :
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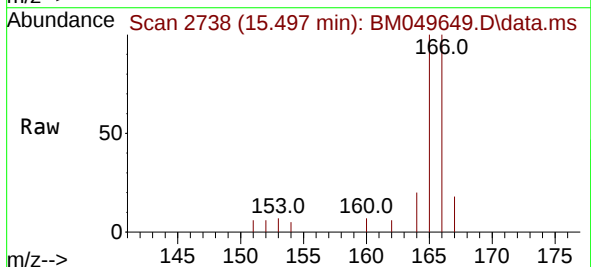
Tgt Ion:153 Resp: 42784
Ion Ratio Lower Upper
153 100
152 42.3 41.9 62.9
154 76.5 70.2 105.2

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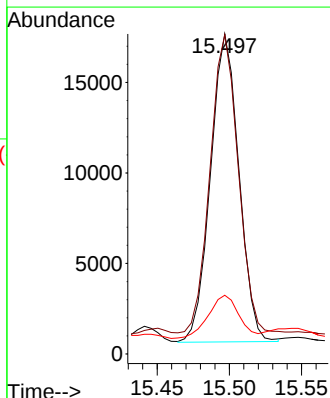
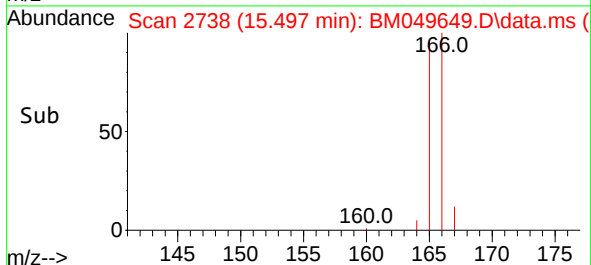
Reviewed By :Rahul Chavli 02/19/2025
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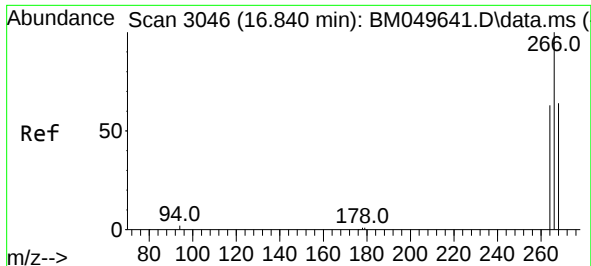


#12
Fluorene
Concen: 0.198 ng/ul
RT: 15.497 min Scan# 2738
Delta R.T. -0.003 min
Lab File: BM049649.D
Acq: 13 Feb 2025 14:50



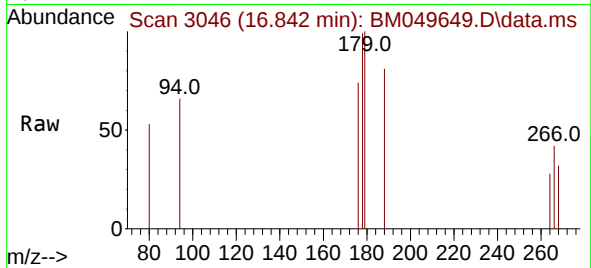
Tgt Ion:166 Resp: 23300
Ion Ratio Lower Upper
166 100
165 99.8 79.6 119.4
167 18.4 11.4 17.2#





#14
Pentachlorophenol
Concen: 0.088 ng/ul m
RT: 16.842 min Scan# 3046
Delta R.T. 0.001 min
Lab File: BM049649.D
Acq: 13 Feb 2025 14:50

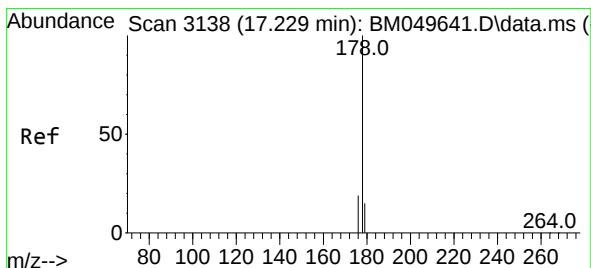
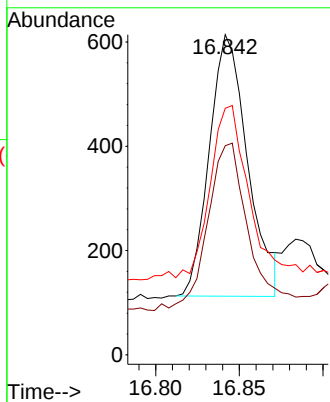
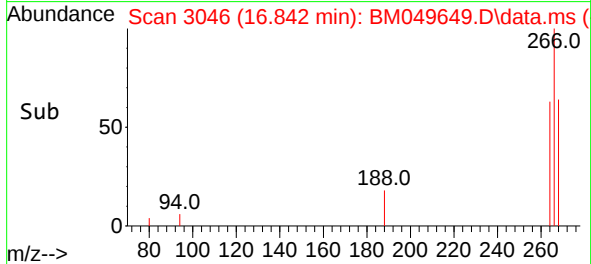
Instrument :
BNA_M
ClientSampleId :
E29B3DL



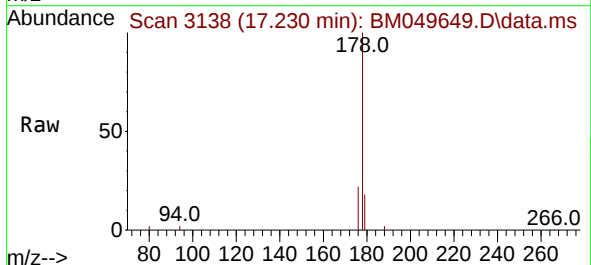
Tgt Ion:266 Resp: 800
Ion Ratio Lower Upper
266 100
264 29.1 50.3 75.5
268 0.0 49.2 73.8

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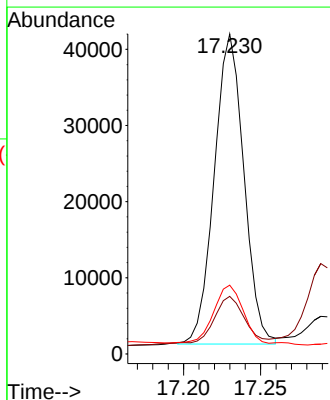
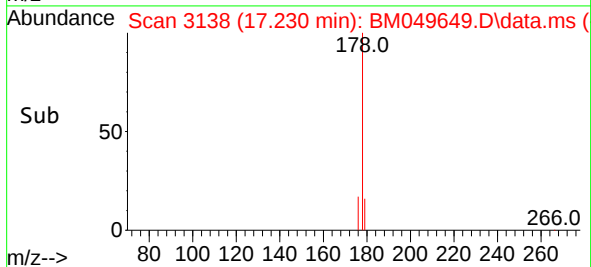
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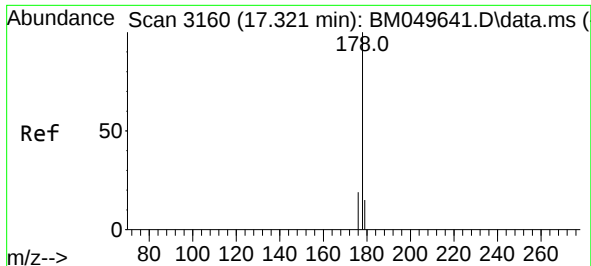


#15
Phenanthrene
Concen: 0.462 ng/ul m
RT: 17.230 min Scan# 3138
Delta R.T. -0.003 min
Lab File: BM049649.D
Acq: 13 Feb 2025 14:50



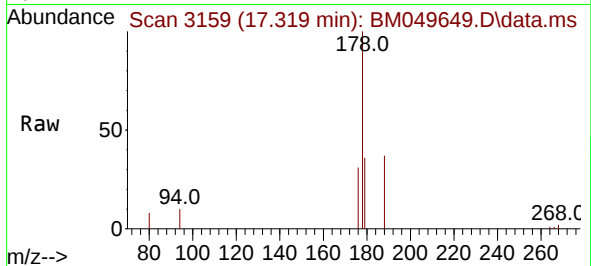
Tgt Ion:178 Resp: 54518
Ion Ratio Lower Upper
178 100
179 18.0 12.6 19.0
176 21.5 16.2 24.2





#16
 Anthracene
 Concen: 0.168 ng/ul m
 RT: 17.319 min Scan# 3160
 Delta R.T. -0.003 min
 Lab File: BM049649.D
 Acq: 13 Feb 2025 14:50

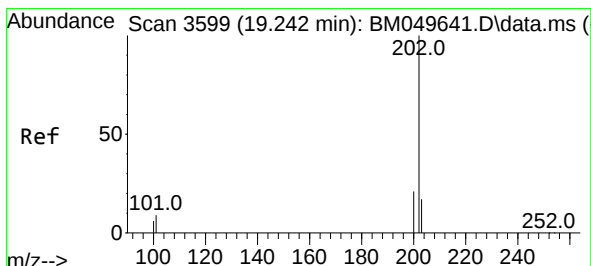
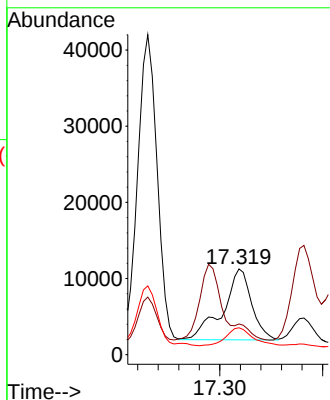
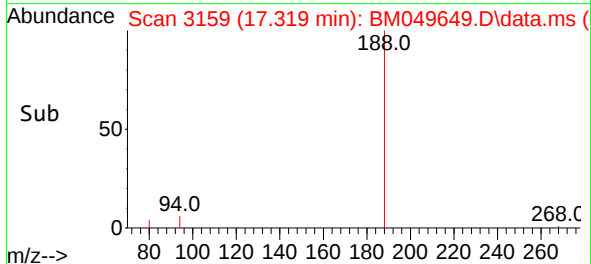
Instrument :
 BNA_M
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 E29B3DL



Tgt Ion:178 Resp: 1816
 Ion Ratio Lower Upper
 178 100
 179 35.8 12.9 19.3
 176 31.4 15.8 23.6

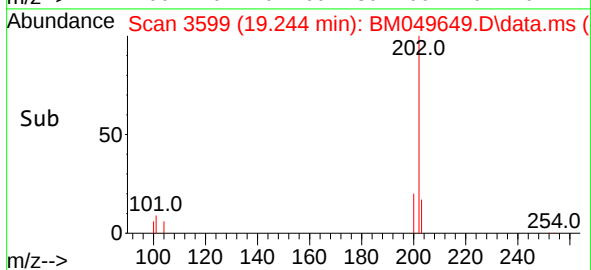
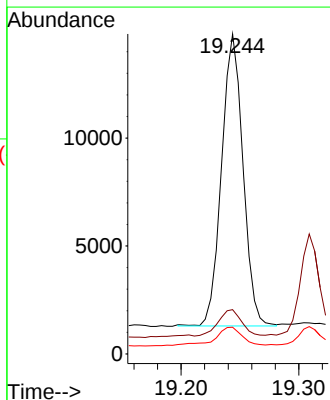
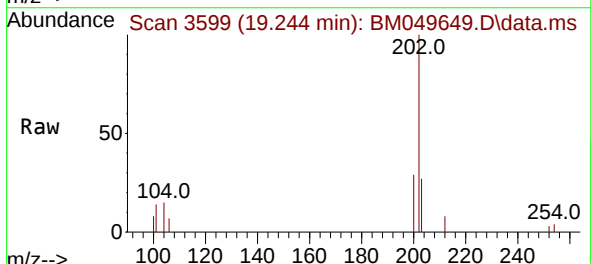
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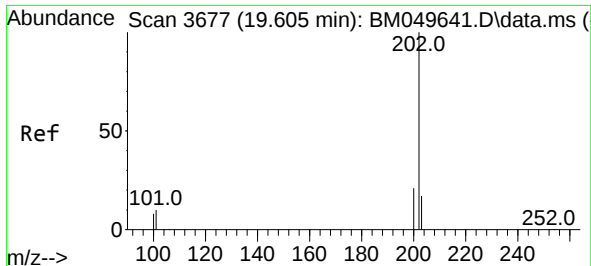
Reviewed By :Rahul Chavli 02/19/2025
 Supervised By :Jagrut Upadhyay 02/19/2025



#19
 Fluoranthene
 Concen: 0.124 ng/ul m
 RT: 19.244 min Scan# 3599
 Delta R.T. -0.003 min
 Lab File: BM049649.D
 Acq: 13 Feb 2025 14:50

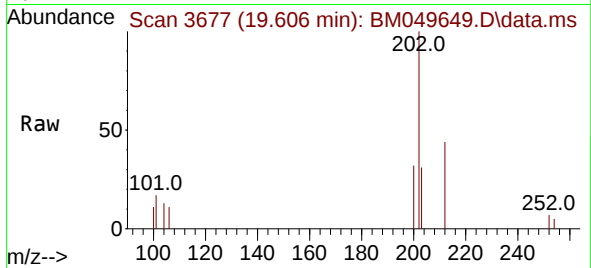
Tgt Ion:202 Resp: 17070
 Ion Ratio Lower Upper
 202 100
 101 13.9 6.7 10.1#
 100 8.4 5.0 7.4#





#20
Pyrene
Concen: 0.098 ng/ul m
RT: 19.606 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM049649.D
Acq: 13 Feb 2025 14:50

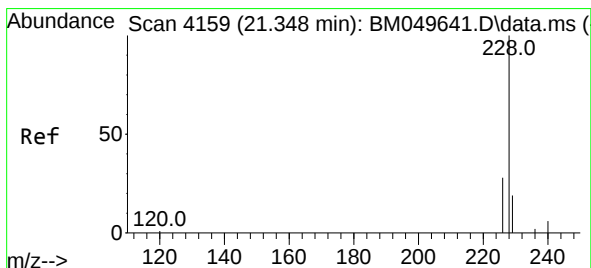
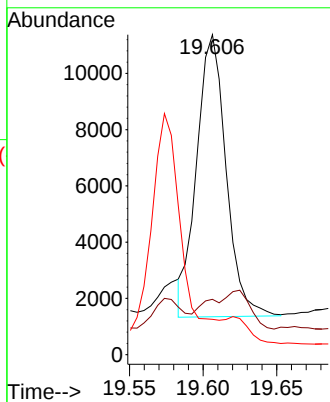
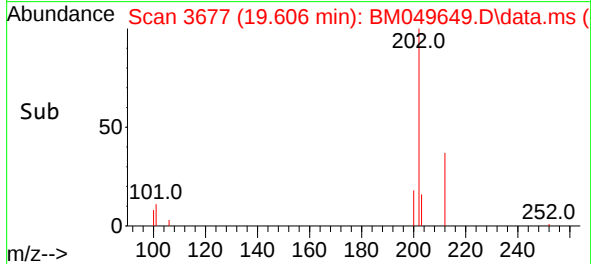
Instrument :
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Tgt Ion:202 Resp: 1396
Ion Ratio Lower Upper
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101 17.3 7.5 11.3#
100 11.1 6.3 9.5#

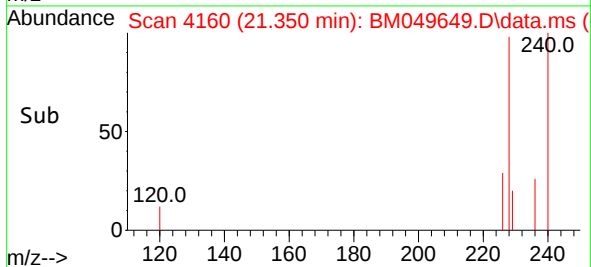
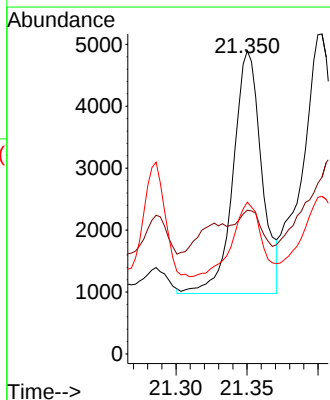
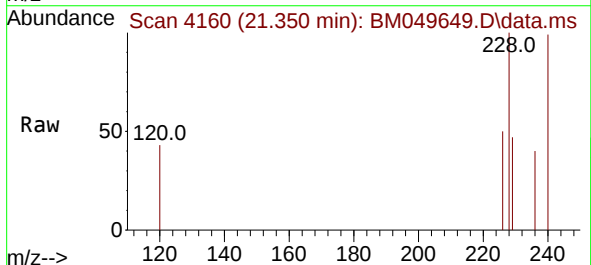
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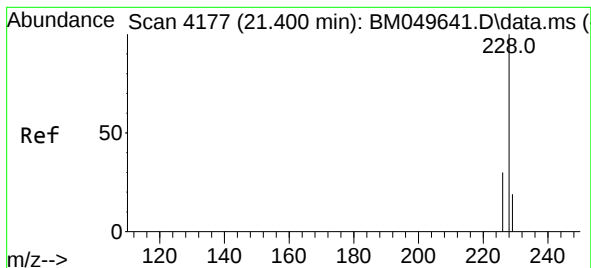
Reviewed By :Rahul Chavli 02/19/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#21
Benzo(a)anthracene
Concen: 0.048 ng/ul m
RT: 21.350 min Scan# 4160
Delta R.T. -0.000 min
Lab File: BM049649.D
Acq: 13 Feb 2025 14:50

Tgt Ion:228 Resp: 5471
Ion Ratio Lower Upper
228 100
229 47.4 15.7 23.5#
226 50.1 22.2 33.4#





#22

Chrysene

Concen: 0.055 ng/ul m

RT: 21.403 min Scan# 4177

Delta R.T. -0.001 min

Lab File: BM049649.D

Acq: 13 Feb 2025 14:50

Instrument :

BNA_M

ClientSampleId :

E29B3DL

Tgt Ion:228 Resp: 6720

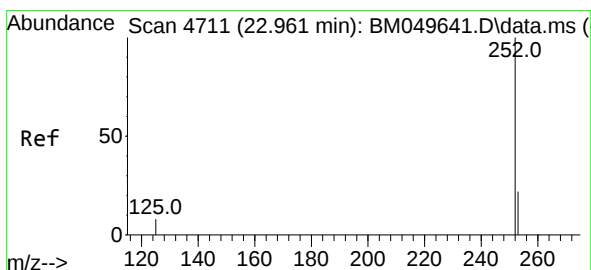
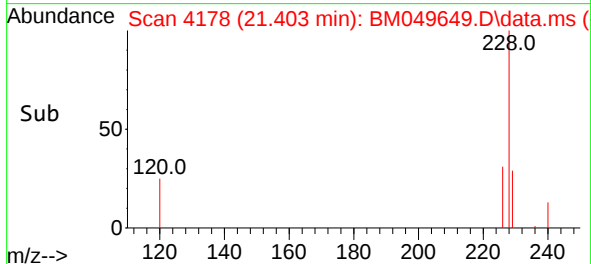
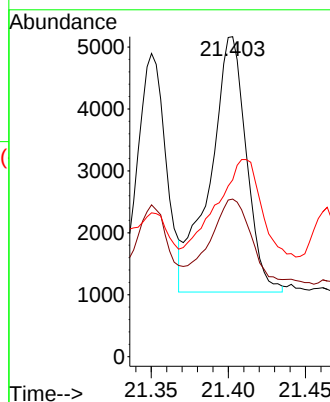
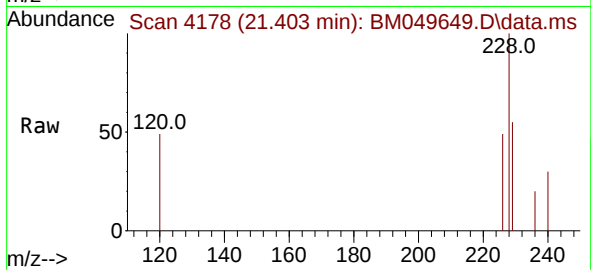
Ion	Ratio	Lower	Upper
228	100		
226	49.2	24.9	37.3
229	55.3	15.6	23.4

Manual Integrations

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Supervised By :Jagrut Upadhyay 02/19/2025



#24

Benzo(b)fluoranthene

Concen: 0.084 ng/ul m

RT: 22.963 min Scan# 4712

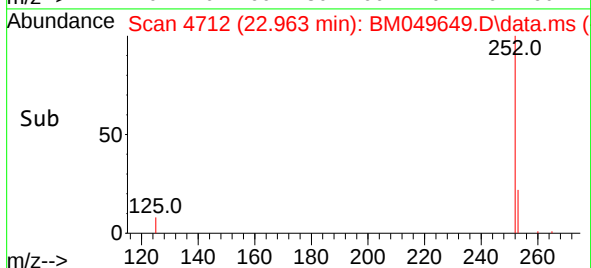
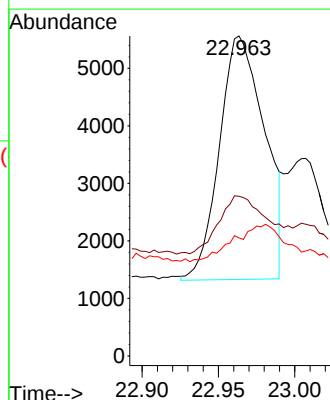
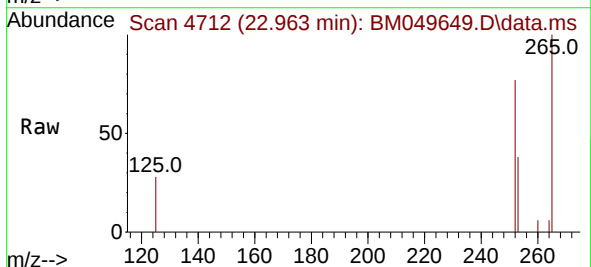
Delta R.T. -0.003 min

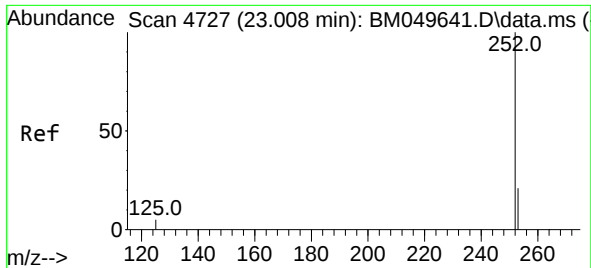
Lab File: BM049649.D

Acq: 13 Feb 2025 14:50

Tgt Ion:252 Resp: 8717

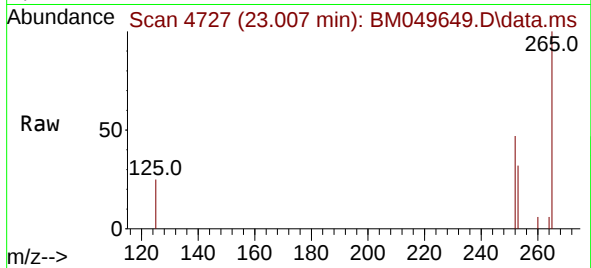
Ion	Ratio	Lower	Upper
252	100		
253	49.9	0.0	50.2
125	36.9	0.0	25.6





#25
Benzo(k)fluoranthene
Concen: 0.034 ng/ul m
RT: 23.007 min Scan# 4727
Delta R.T. -0.003 min
Lab File: BM049649.D
Acq: 13 Feb 2025 14:50

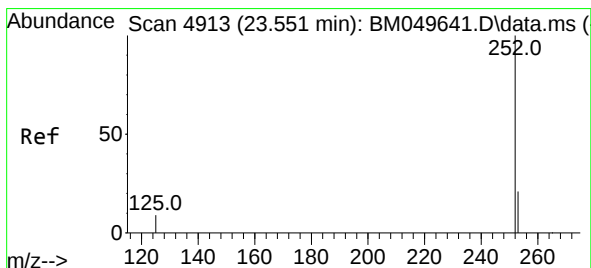
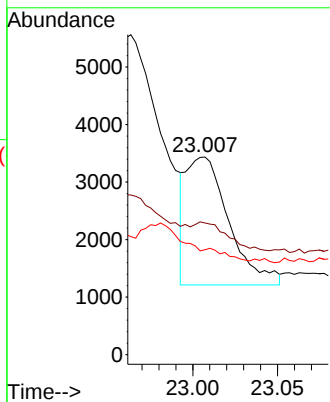
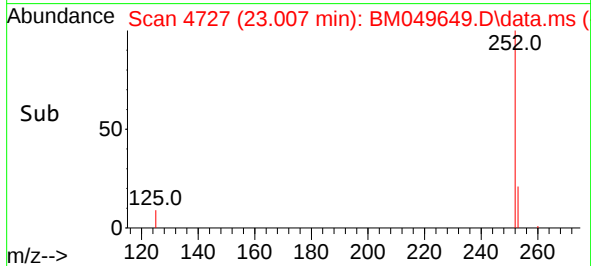
Instrument :
BNA_M
ClientSampleId :
E29B3DL



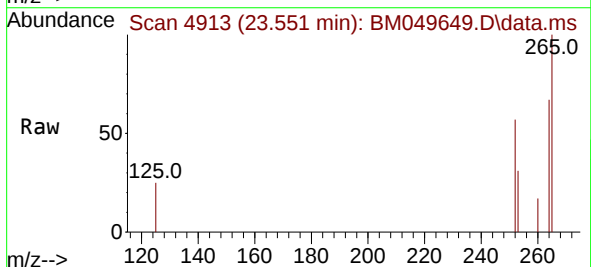
Tgt Ion:252 Resp: 3905
Ion Ratio Lower Upper
252 100
253 66.6 20.2 30.4#
125 53.1 10.4 15.6#

Manual Integrations
APPROVED

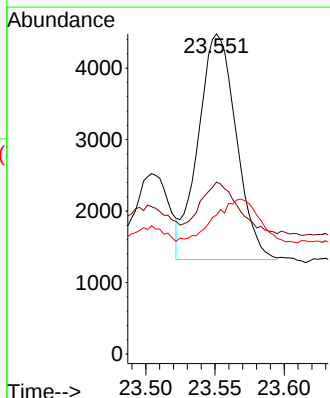
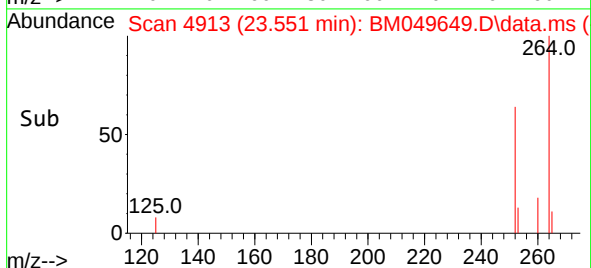
Reviewed By :Rahul Chavli 02/19/2025
Supervised By :Jagrut Upadhyay 02/19/2025

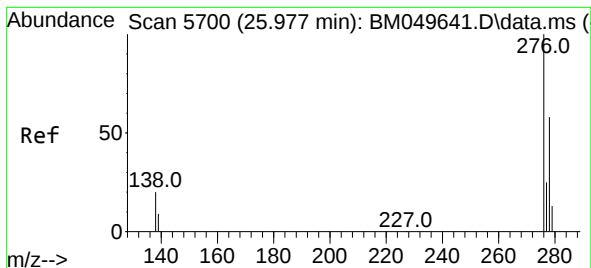


#26
Benzo(a)pyrene
Concen: 0.065 ng/ul m
RT: 23.551 min Scan# 4913
Delta R.T. -0.003 min
Lab File: BM049649.D
Acq: 13 Feb 2025 14:50



Tgt Ion:252 Resp: 6038
Ion Ratio Lower Upper
252 100
253 53.7 21.6 32.4#
125 43.4 12.6 18.8#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.037 ng/ul m

RT: 25.973 min Scan# 5

Delta R.T. -0.011 min

Lab File: BM049649.D

Acq: 13 Feb 2025 14:50

Instrument :

BNA_M

ClientSampleId :

E29B3DL

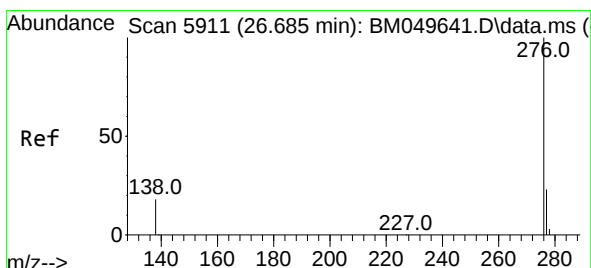
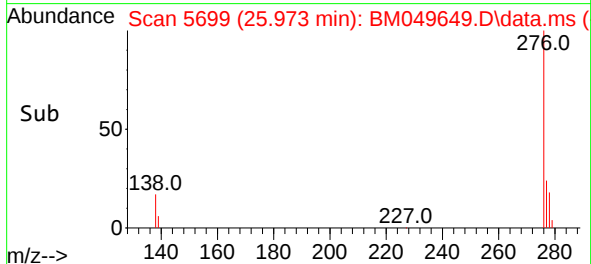
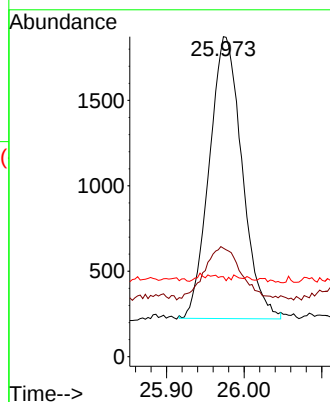
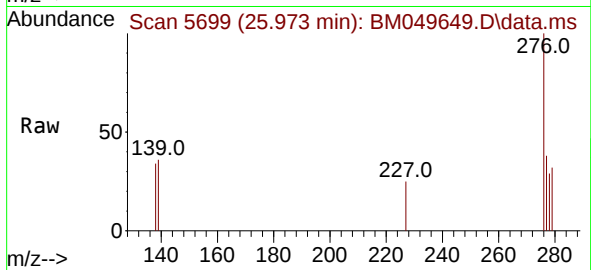
Tgt Ion:276 Resp: 4844
 Ion Ratio Lower Upper
 276 100
 138 0.7 16.5 24.7#
 227 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/19/2025

Supervised By :Jagrut Upadhyay 02/19/2025



#29

Benzo(g,h,i)perylene

Concen: 0.052 ng/ul m

RT: 26.684 min Scan# 5911

Delta R.T. -0.007 min

Lab File: BM049649.D

Acq: 13 Feb 2025 14:50

Tgt Ion:276 Resp: 5518
 Ion Ratio Lower Upper
 276 100
 138 33.4 15.8 23.6#
 277 37.5 19.9 29.9#

