

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046097.D
 Acq On : 19 Jun 2024 21:54
 Operator : MA/JU
 Sample : P2695-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BK5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 19 22:50:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	2699	0.400	ng/ul	#-0.03
4) Naphthalene-d8	10.204	136	7709	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.080	164	4238	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.819	188	9050m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.015	240	7535m	0.400	ng/ul	-0.03
23) Perylene-d12	23.110	264	9014m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	11390	3.076	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.831	152	2248	0.217	ng/ul	-0.03
18) Fluoranthene-d10	18.852	212	6172	0.273	ng/ul	-0.03
Target Compounds						Qvalue
5) Naphthalene	10.253	128	4066	0.189	ng/ul	99
7) 2-Methylnaphthalene	11.908	142	1132	0.094	ng/ul	100
8) 1-Methylnaphthalene	12.123	142	887	0.067	ng/ul	98
10) Acenaphthylene	13.797	152	9777	0.486	ng/ul	98
11) Acenaphthene	14.140	153	3504	0.241	ng/ul	99
12) Fluorene	15.130	166	5610	0.360	ng/ul	99
15) Phenanthrene	16.857	178	157603m	6.198	ng/ul	
16) Anthracene	16.950	178	40384m	2.133	ng/ul	
19) Fluoranthene	18.880	202	411409	12.610	ng/ul	97
20) Pyrene	19.242	202	292223	8.282	ng/ul	97
21) Benzo(a)anthracene	20.997	228	196813m	6.762	ng/ul	
22) Chrysene	21.050	228	176933	4.764	ng/ul	98
24) Benzo(b)fluoranthene	22.493	252	217494m	6.697	ng/ul	
25) Benzo(k)fluoranthene	22.528	252	77395m	2.005	ng/ul	
26) Benzo(a)pyrene	23.019	252	86005	2.858	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	25.155	276	71518	1.452	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.162	278	24530	0.669	ng/ul	97
29) Benzo(g,h,i)perylene	25.782	276	9705	0.230	ng/ul#	90

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

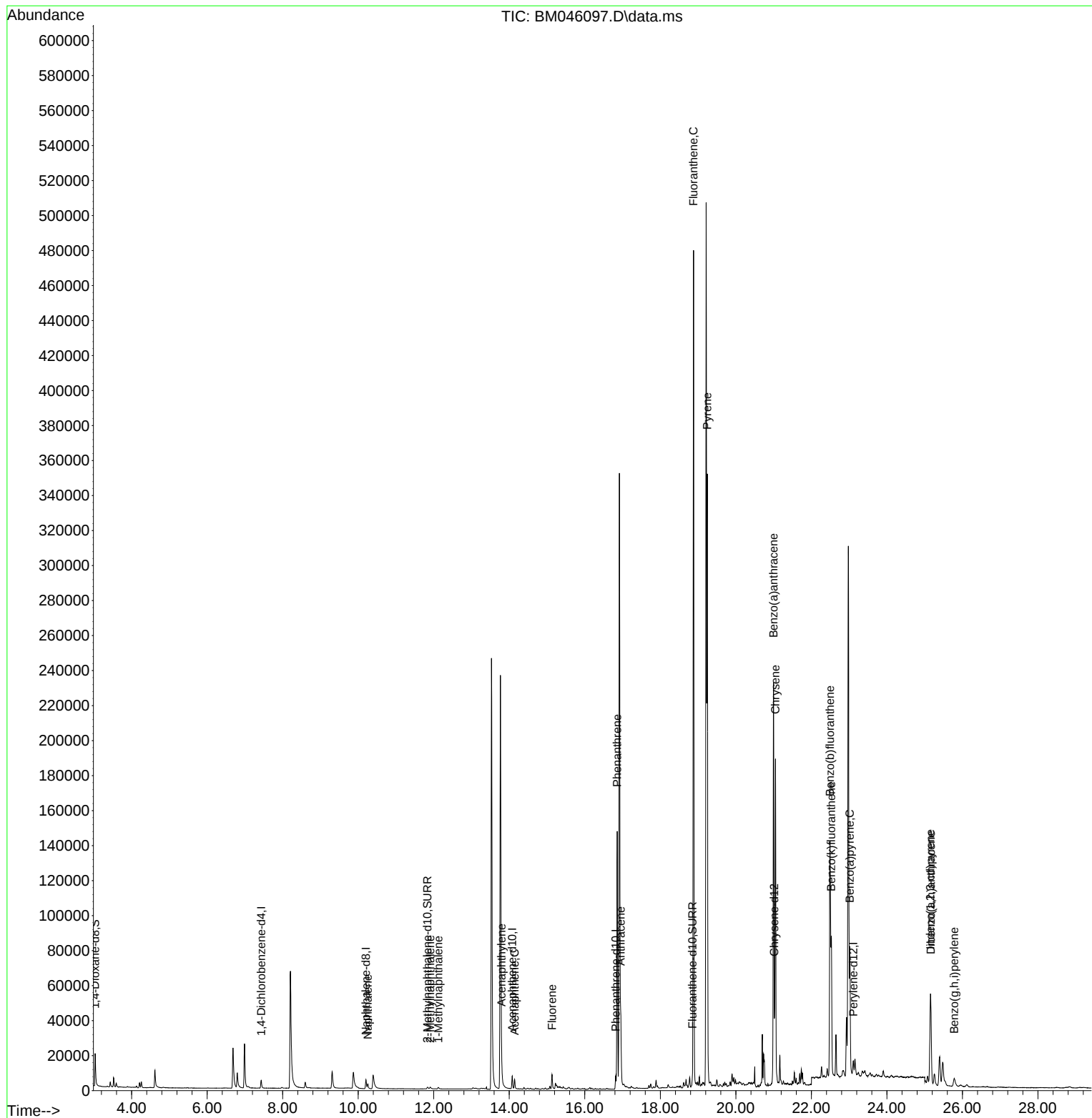
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046097.D
Acq On : 19 Jun 2024 21:54
Operator : MA/JU
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ALS Vial : 13 Sample Multiplier: 1

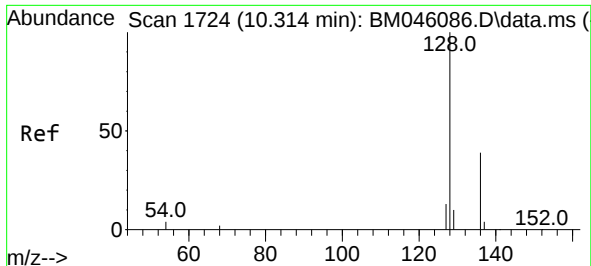
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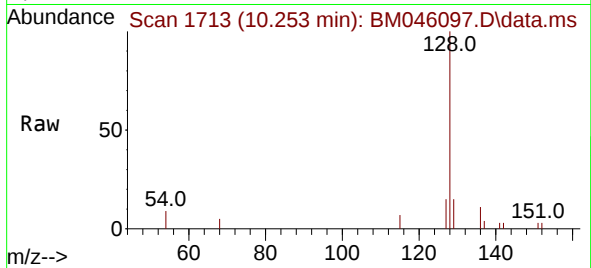
Quant Time: Jun 19 22:50:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.189 ng/ul
RT: 10.253 min Scan# 1713
Delta R.T. -0.050 min
Lab File: BM046097.D
Acq: 19 Jun 2024 21:54

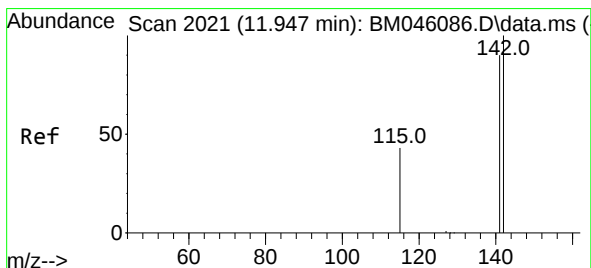
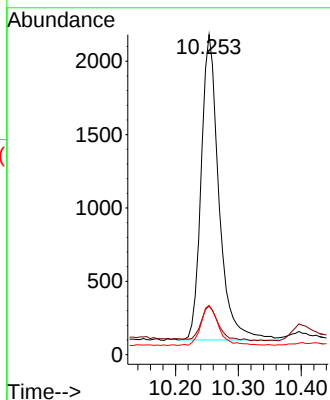
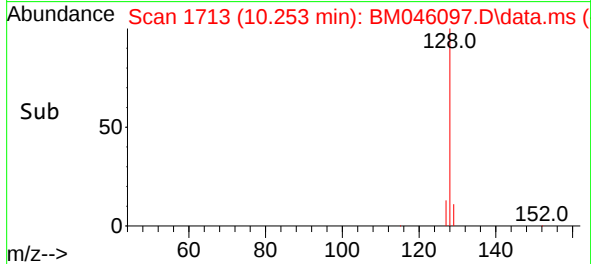
Instrument :
BNA_M
ClientSampleId :
A4BK5



Tgt Ion:128 Resp: 406
Ion Ratio Lower Upper
128 100
129 15.2 11.8 17.6
127 15.4 12.8 19.2

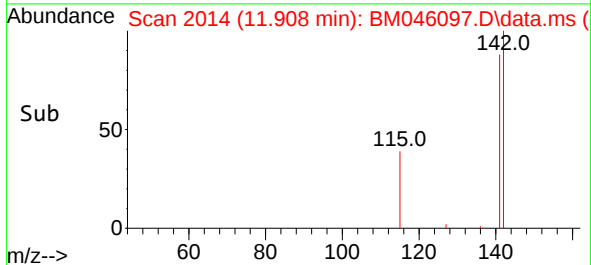
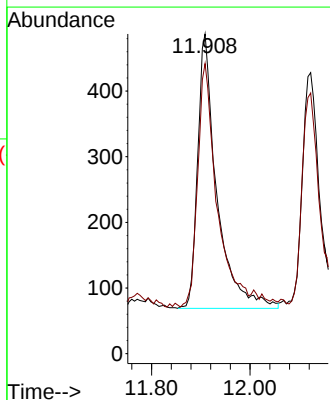
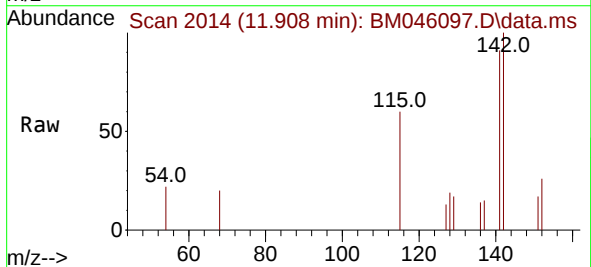
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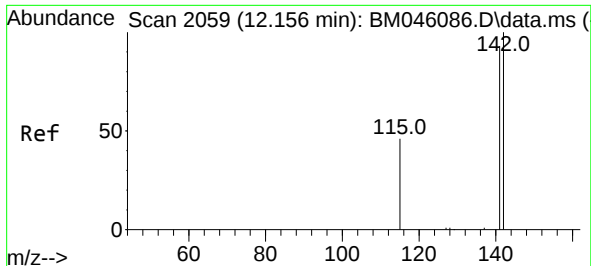
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#7
2-Methylnaphthalene
Concen: 0.094 ng/ul
RT: 11.908 min Scan# 2014
Delta R.T. -0.039 min
Lab File: BM046097.D
Acq: 19 Jun 2024 21:54

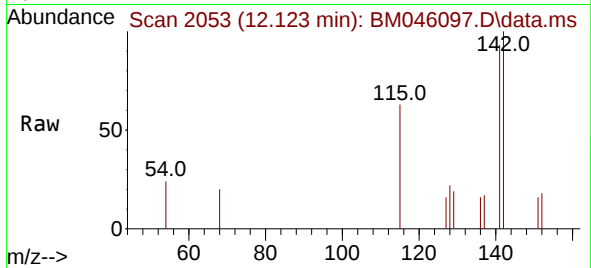
Tgt Ion:142 Resp: 1132
Ion Ratio Lower Upper
142 100
141 92.8 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.067 ng/ul
RT: 12.123 min Scan# 2053
Delta R.T. -0.028 min
Lab File: BM046097.D
Acq: 19 Jun 2024 21:54

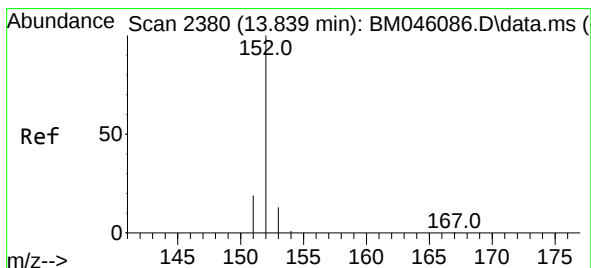
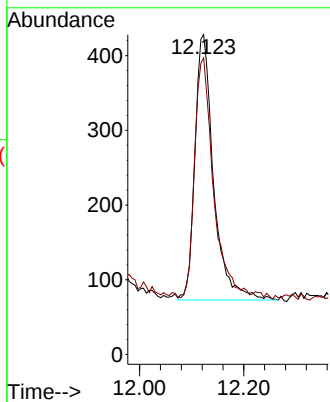
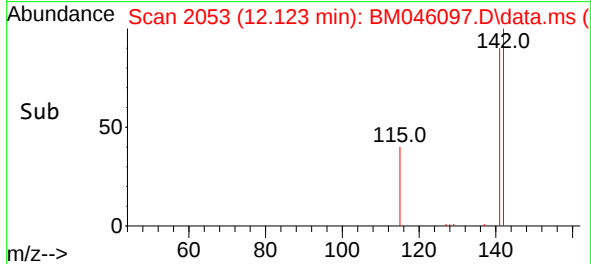
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 88
Ion Ratio Lower Upper
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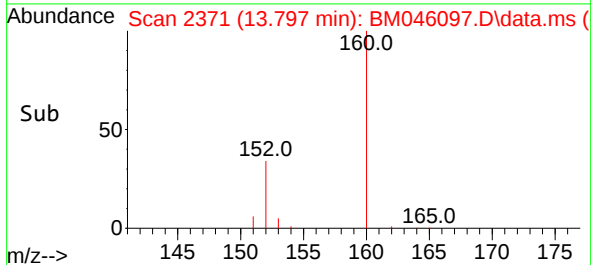
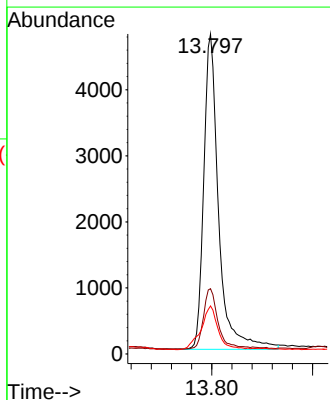
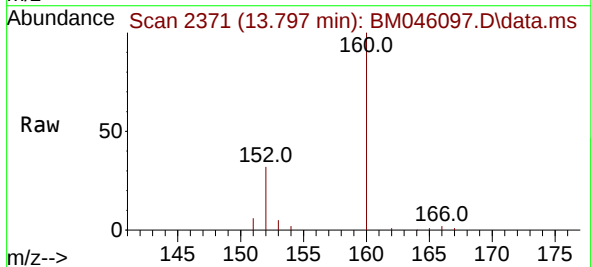
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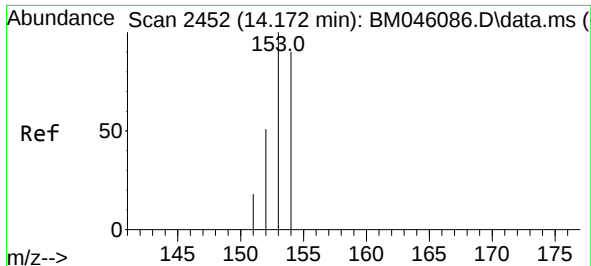
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#10
Acenaphthylene
Concen: 0.486 ng/ul
RT: 13.797 min Scan# 2371
Delta R.T. -0.037 min
Lab File: BM046097.D
Acq: 19 Jun 2024 21:54

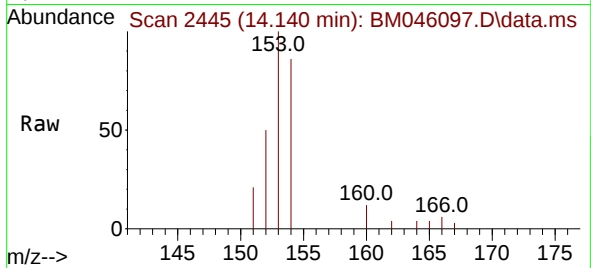
Tgt Ion:152 Resp: 9777
Ion Ratio Lower Upper
152 100
151 20.4 17.4 26.2
153 15.0 11.8 17.8





#11
Acenaphthene
Concen: 0.241 ng/ul
RT: 14.140 min Scan# 2445
Delta R.T. -0.032 min
Lab File: BM046097.D
Acq: 19 Jun 2024 21:54

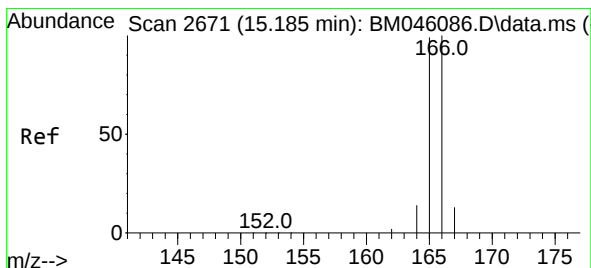
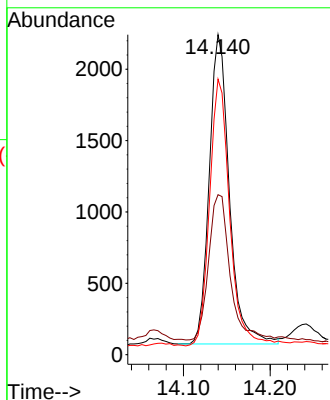
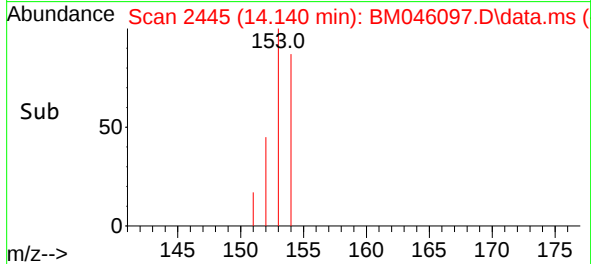
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:153 Resp: 3504
Ion Ratio Lower Upper
153 100
152 50.0 41.3 61.9
154 86.1 68.2 102.4

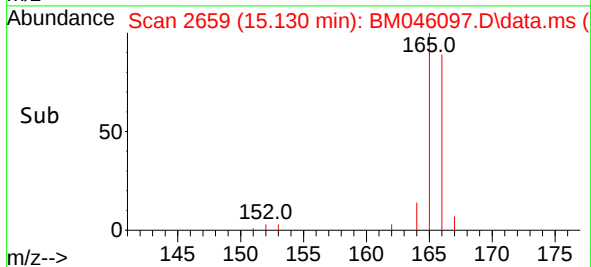
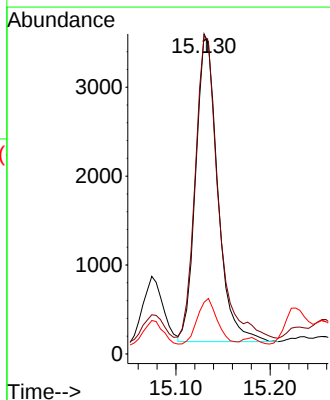
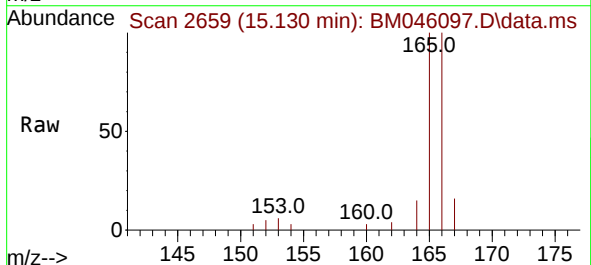
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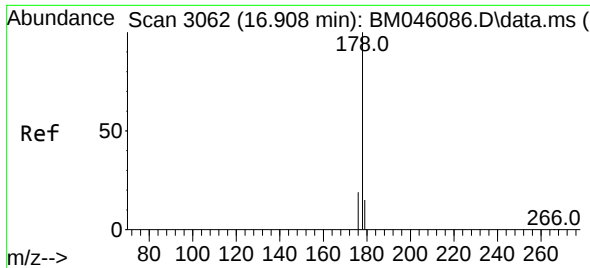
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#12
Fluorene
Concen: 0.360 ng/ul
RT: 15.130 min Scan# 2659
Delta R.T. -0.051 min
Lab File: BM046097.D
Acq: 19 Jun 2024 21:54

Tgt Ion:166 Resp: 5610
Ion Ratio Lower Upper
166 100
165 99.6 80.4 120.6
167 16.1 12.4 18.6





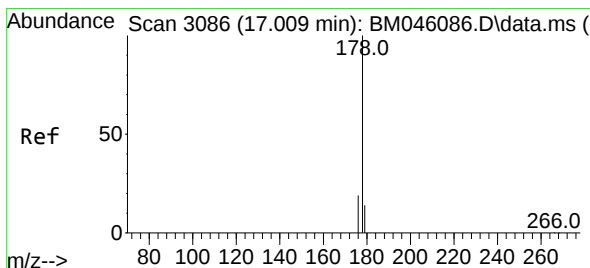
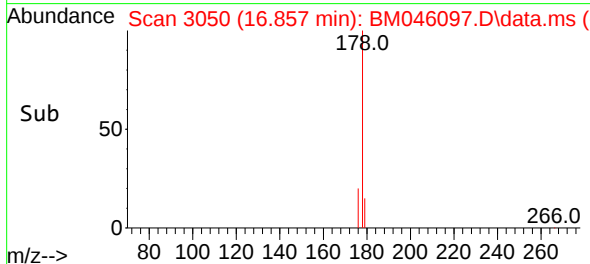
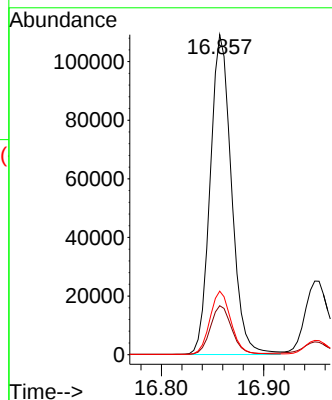
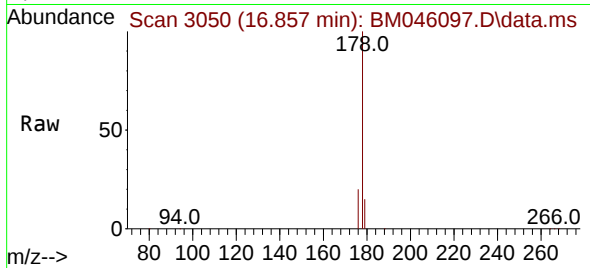
#15
Phenanthrene
Concen: 6.198 ng/ul m
RT: 16.857 min Scan# 3050
Delta R.T. -0.047 min
Lab File: BM046097.D
Acq: 19 Jun 2024 21:54

Instrument :
BNA_M
ClientSampleId :
A4BK5

Tgt Ion:178 Resp: 15760
Ion Ratio Lower Upper
178 100
179 15.3 14.2 21.2
176 19.9 17.1 25.7

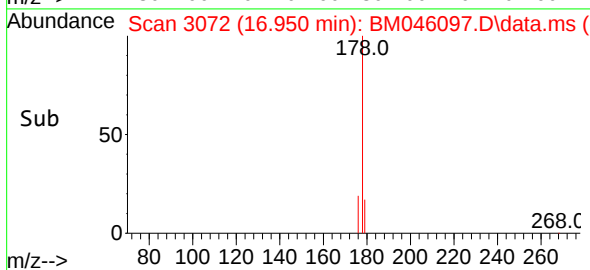
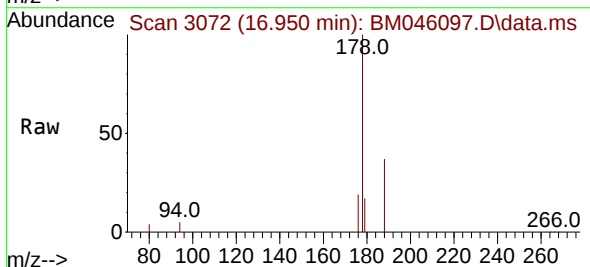
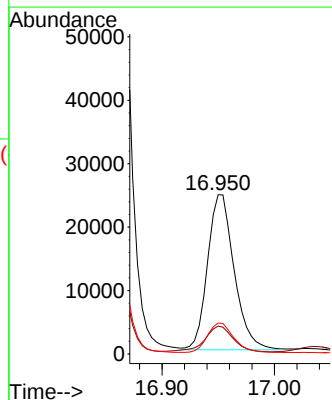
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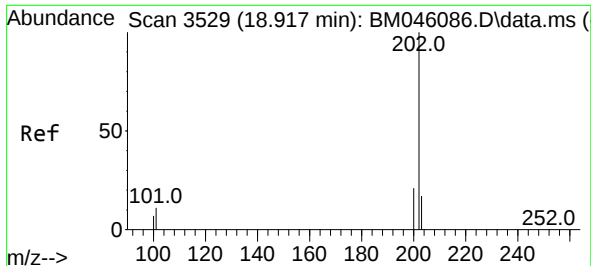
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#16
Anthracene
Concen: 2.133 ng/ul m
RT: 16.950 min Scan# 3072
Delta R.T. -0.055 min
Lab File: BM046097.D
Acq: 19 Jun 2024 21:54

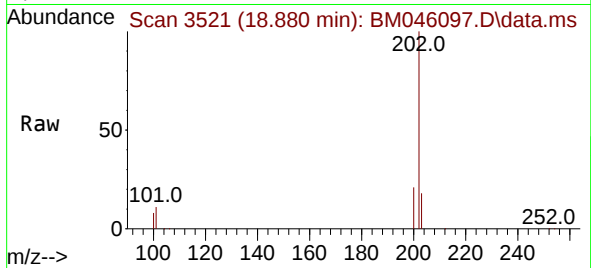
Tgt Ion:178 Resp: 40384
Ion Ratio Lower Upper
178 100
179 17.5 14.9 22.3
176 19.4 17.0 25.4





#19
Fluoranthene
Concen: 12.610 ng/u1
RT: 18.880 min Scan# 3521
Delta R.T. -0.037 min
Lab File: BM046097.D
Acq: 19 Jun 2024 21:54

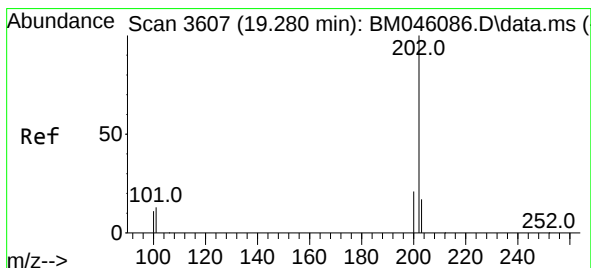
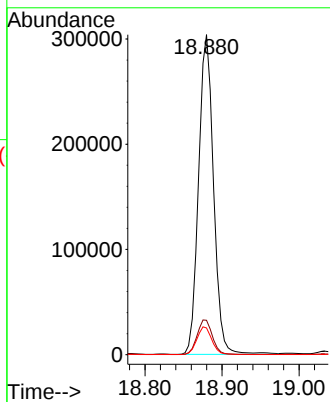
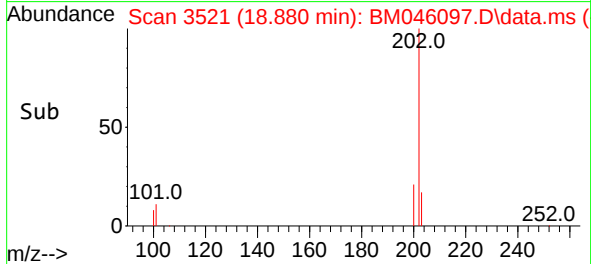
Instrument :
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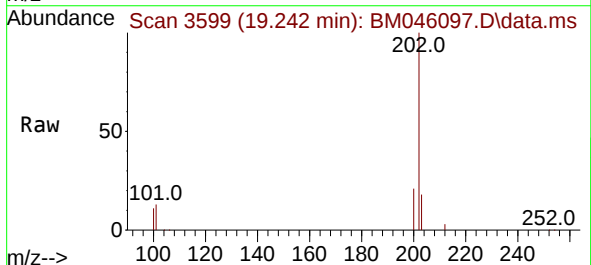
Tgt Ion:202 Resp: 411409
Ion Ratio Lower Upper
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101 10.7 9.6 14.4
100 8.3 7.6 11.4

Manual Integrations
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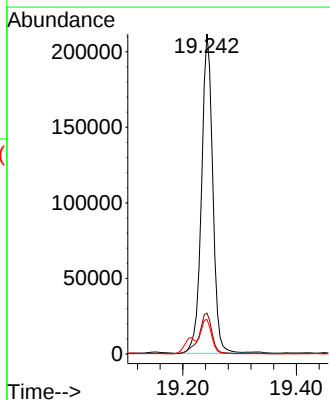
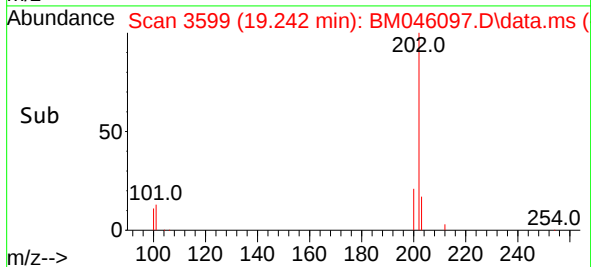
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

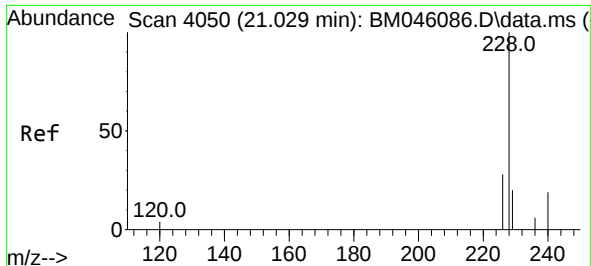


#20
Pyrene
Concen: 8.282 ng/u1
RT: 19.242 min Scan# 3599
Delta R.T. -0.033 min
Lab File: BM046097.D
Acq: 19 Jun 2024 21:54



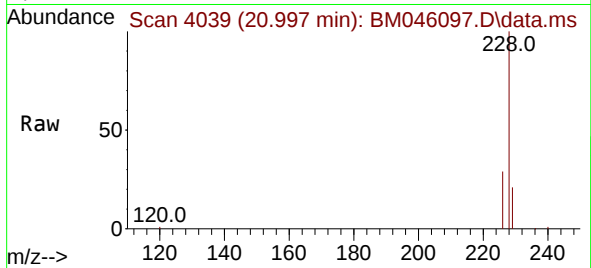
Tgt Ion:202 Resp: 292223
Ion Ratio Lower Upper
202 100
101 12.8 11.3 16.9
100 10.8 9.8 14.6





#21
Benzo(a)anthracene
Concen: 6.762 ng/ul m
RT: 20.997 min Scan# 4050
Delta R.T. -0.032 min
Lab File: BM046097.D
Acq: 19 Jun 2024 21:54

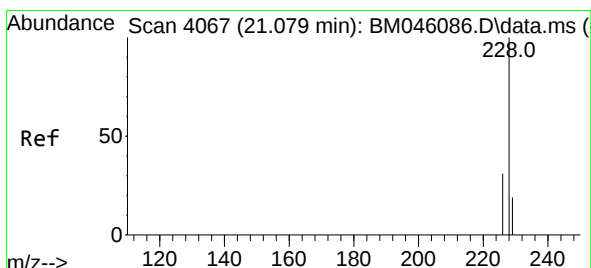
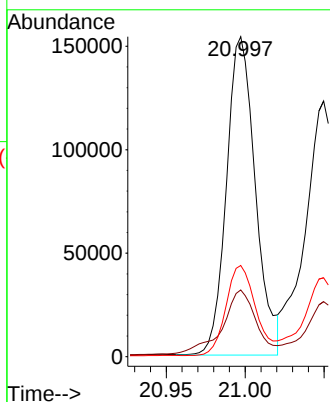
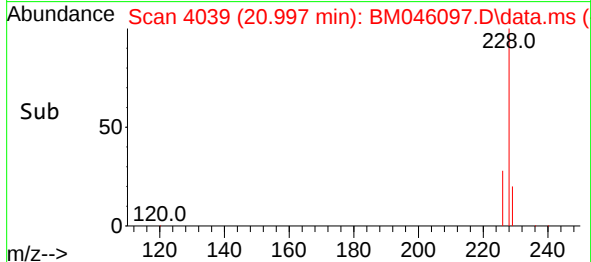
Instrument :
BNA_M
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Tgt Ion:228 Resp: 19681
Ion Ratio Lower Upper
228 100
229 20.8 16.4 24.6
226 28.5 23.4 35.2

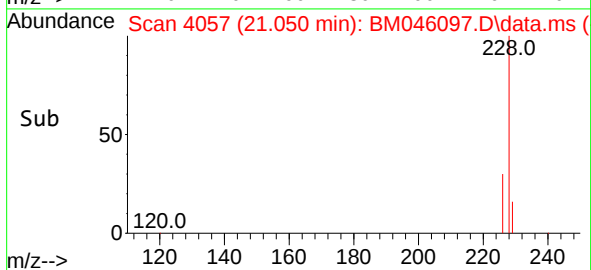
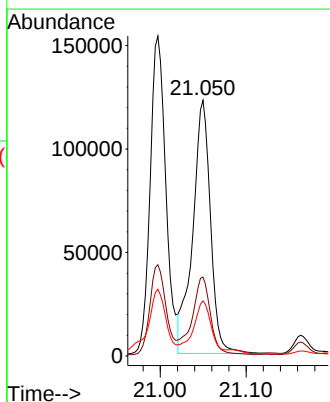
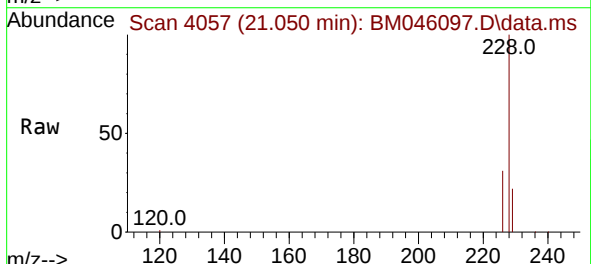
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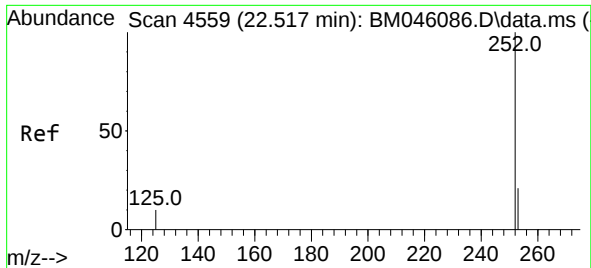
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#22
Chrysene
Concen: 4.764 ng/ul
RT: 21.050 min Scan# 4057
Delta R.T. -0.026 min
Lab File: BM046097.D
Acq: 19 Jun 2024 21:54

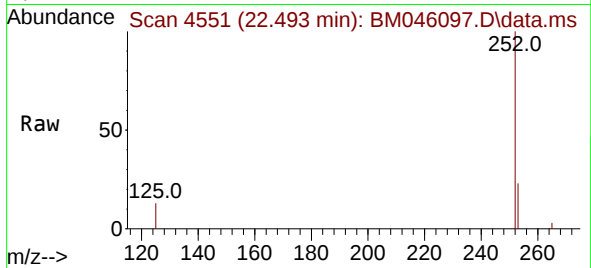
Tgt Ion:228 Resp: 176933
Ion Ratio Lower Upper
228 100
226 30.8 25.2 37.8
229 21.5 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 6.697 ng/ul m
RT: 22.493 min Scan# 4551
Delta R.T. -0.026 min
Lab File: BM046097.D
Acq: 19 Jun 2024 21:54

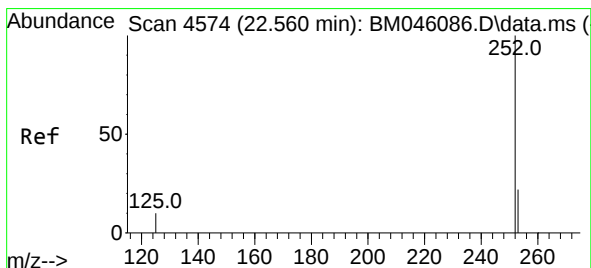
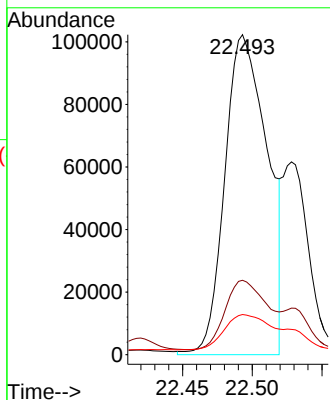
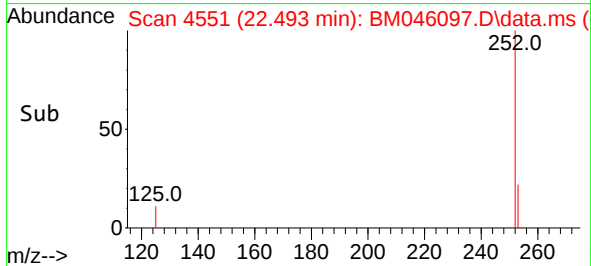
Instrument :
BNA_M
ClientSampleId :
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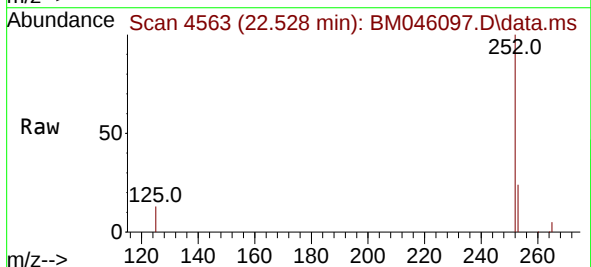
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Ion Ratio Lower Upper
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253 23.2 0.0 65.8
125 12.6 0.0 40.2

Manual Integrations
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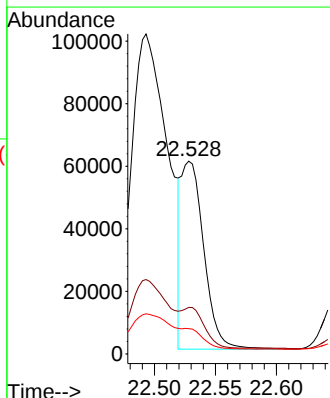
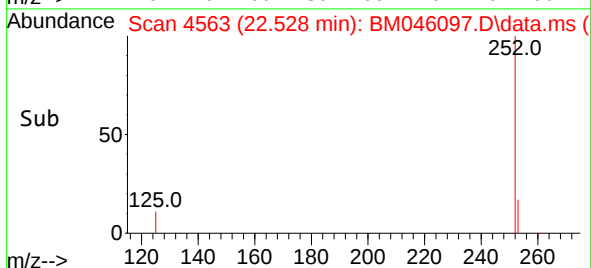
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

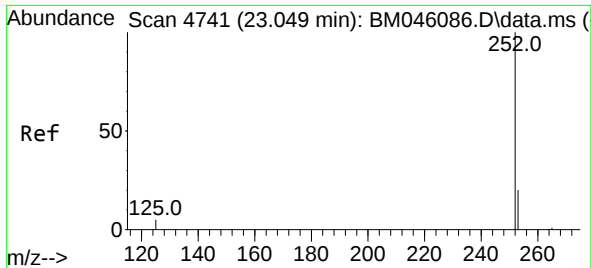


#25
Benzo(k)fluoranthene
Concen: 2.005 ng/ul m
RT: 22.528 min Scan# 4563
Delta R.T. -0.035 min
Lab File: BM046097.D
Acq: 19 Jun 2024 21:54



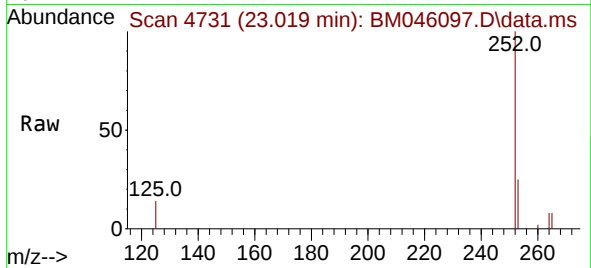
Tgt Ion:252 Resp: 77395
Ion Ratio Lower Upper
252 100
253 24.2 27.2 40.8#
125 13.2 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 2.858 ng/ul
RT: 23.019 min Scan# 4741
Delta R.T. -0.035 min
Lab File: BM046097.D
Acq: 19 Jun 2024 21:54

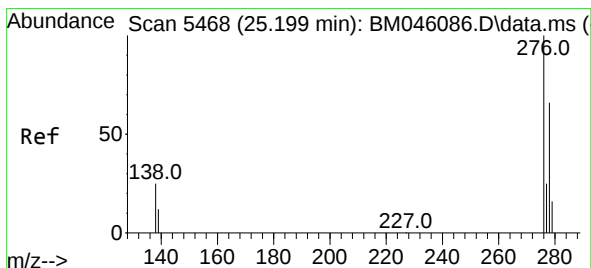
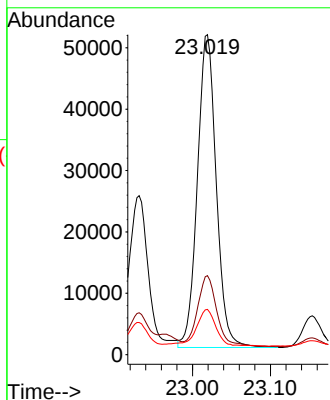
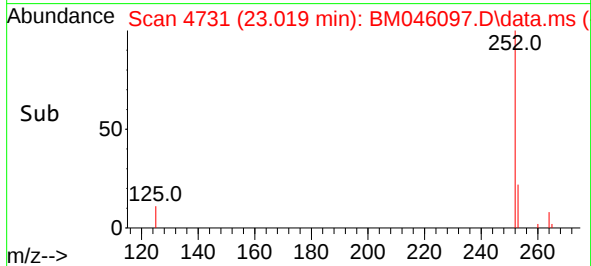
Instrument :
BNA_M
ClientSampleId :
A4BK5



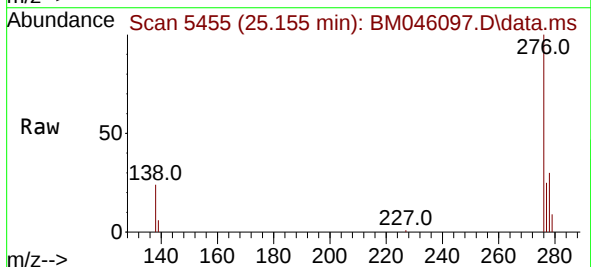
Tgt Ion:252 Resp: 8600
Ion Ratio Lower Upper
252 100
253 24.7 32.1 48.1
125 14.1 21.2 31.8

Manual Integrations
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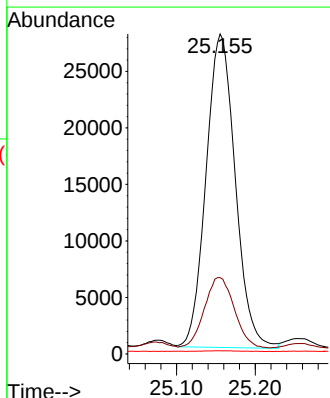
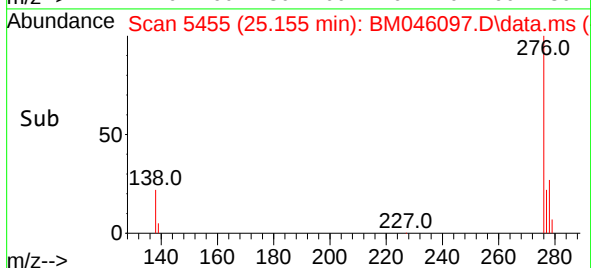
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

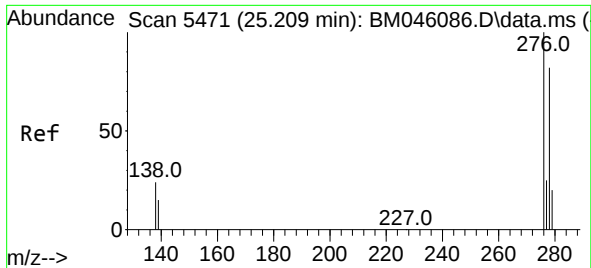


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.452 ng/ul
RT: 25.155 min Scan# 5455
Delta R.T. -0.047 min
Lab File: BM046097.D
Acq: 19 Jun 2024 21:54



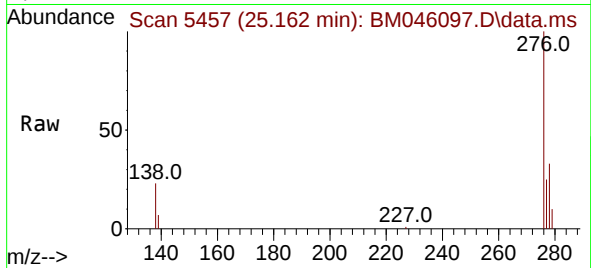
Tgt Ion:276 Resp: 71518
Ion Ratio Lower Upper
276 100
138 23.1 21.0 31.4
227 0.3 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.669 ng/ul
RT: 25.162 min Scan# 5471
Delta R.T. -0.054 min
Lab File: BM046097.D
Acq: 19 Jun 2024 21:54

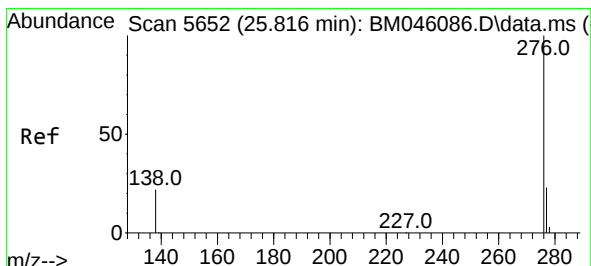
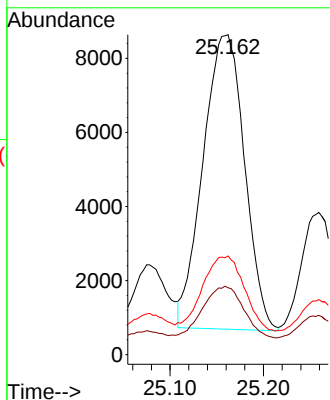
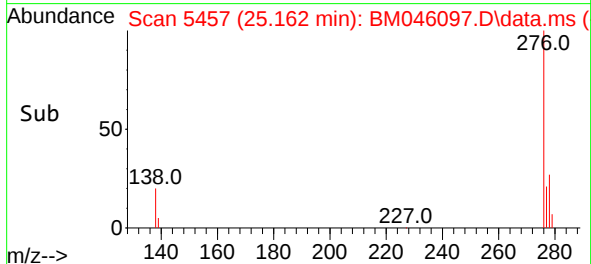
Instrument :
BNA_M
ClientSampleId :
A4BK5



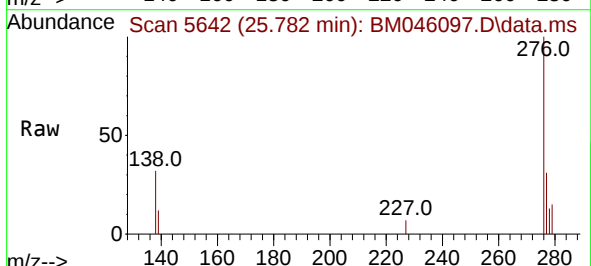
Tgt Ion:278 Resp: 24530
Ion Ratio Lower Upper
278 100
139 20.9 17.6 26.4
279 30.8 26.3 39.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#29
Benzo(g,h,i)perylene
Concen: 0.230 ng/ul
RT: 25.782 min Scan# 5642
Delta R.T. -0.047 min
Lab File: BM046097.D
Acq: 19 Jun 2024 21:54



Tgt Ion:276 Resp: 9705
Ion Ratio Lower Upper
276 100
138 31.7 21.7 32.5
277 31.2 20.4 30.6#

