

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046100.D
 Acq On : 19 Jun 2024 23:43
 Operator : MA/JU
 Sample : P2695-25DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BN3DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 20 00:14:19 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	7.434	152	3120	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.227	136	8849	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.086	164	5065	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.829	188	10309	0.400	ng/ul	-0.03
17) Chrysene-d12	21.020	240	8562	0.400	ng/ul	-0.02
23) Perylene-d12	23.112	264	9722m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.037	96	4527	1.058	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.866	152	750	0.063	ng/ul	0.00
18) Fluoranthene-d10	18.858	212	1888	0.074	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.271	128	652	0.026	ng/ul#	69
10) Acenaphthylene	13.803	152	1381	0.057	ng/ul#	87
11) Acenaphthene	14.150	153	676	0.039	ng/ul	95
12) Fluorene	15.140	166	846	0.045	ng/ul#	95
15) Phenanthrene	16.871	178	18415	0.636	ng/ul	96
16) Anthracene	16.960	178	3280	0.152	ng/ul#	92
19) Fluoranthene	18.886	202	44349	1.196	ng/ul	98
20) Pyrene	19.248	202	31625	0.789	ng/ul	97
21) Benzo(a)anthracene	21.006	228	19753	0.597	ng/ul	98
22) Chrysene	21.055	228	20497	0.486	ng/ul	99
24) Benzo(b)fluoranthene	22.498	252	33577m	0.959	ng/ul	
25) Benzo(k)fluoranthene	22.534	252	11894m	0.286	ng/ul	
26) Benzo(a)pyrene	23.022	252	10328	0.318	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.168	276	12126	0.228	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.165	278	3802	0.096	ng/ul#	79
29) Benzo(g,h,i)perylene	25.796	276	1853	0.041	ng/ul#	63

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

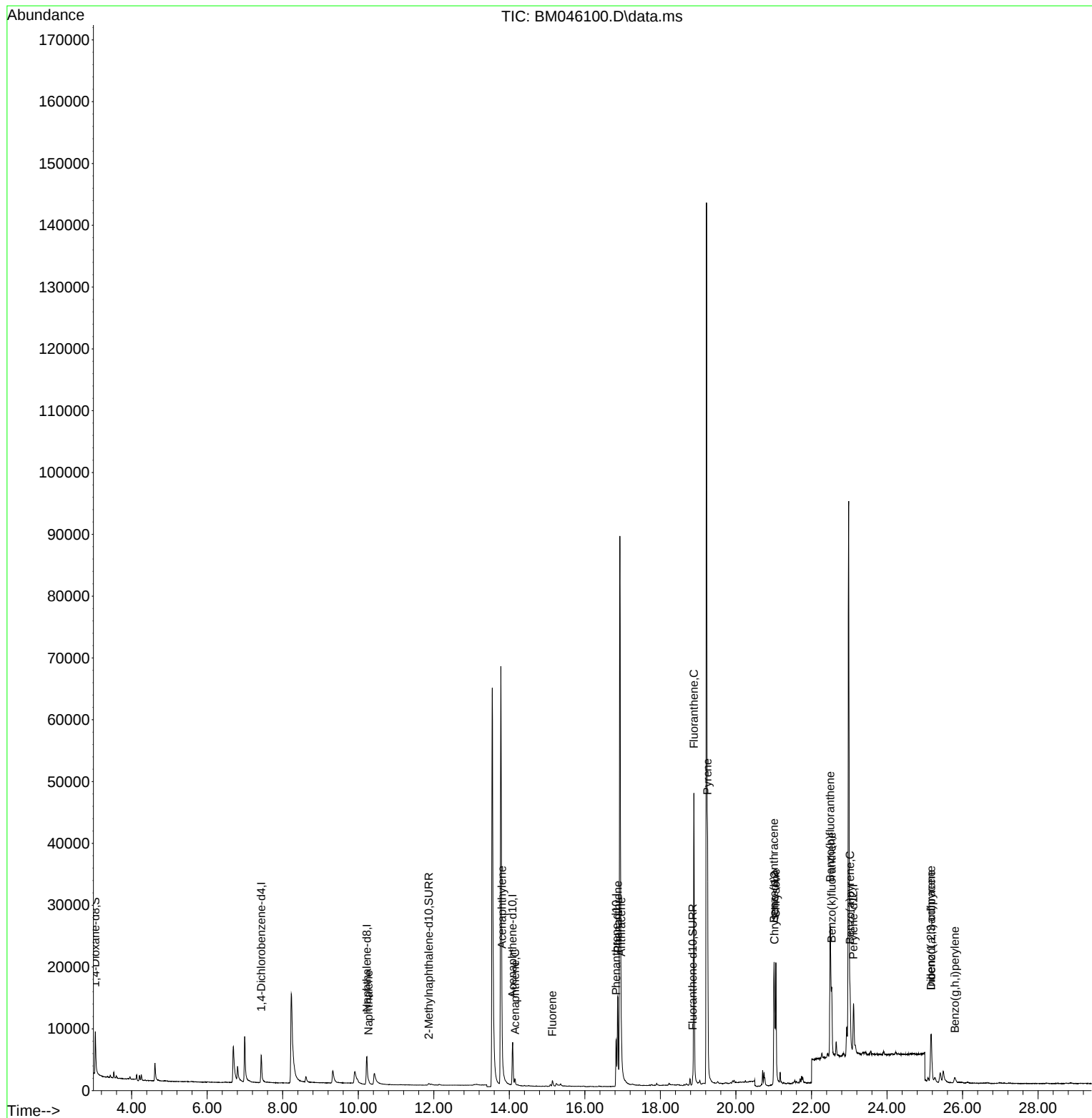
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046100.D
Acq On : 19 Jun 2024 23:43
Operator : MA/JU
Sample : P2695-25DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

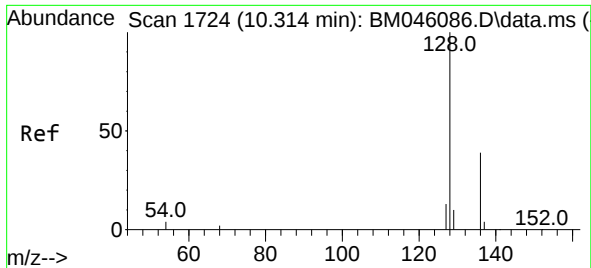
Instrument :
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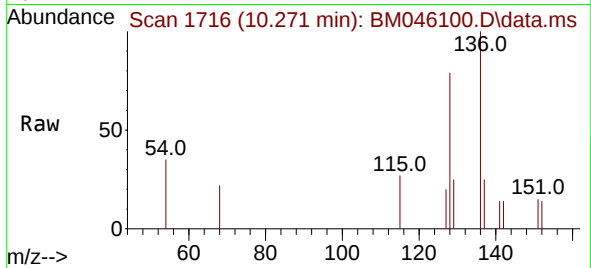
Quant Time: Jun 20 00:14:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.026 ng/u1
RT: 10.271 min Scan# 11
Delta R.T. -0.032 min
Lab File: BM046100.D
Acq: 19 Jun 2024 23:43

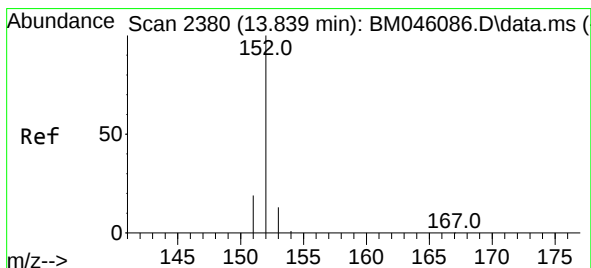
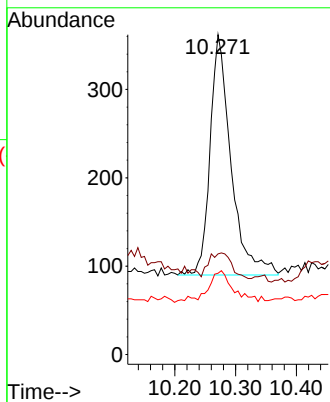
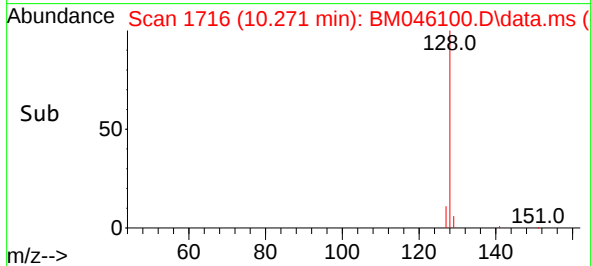
Instrument :
BNA_M
ClientSampleId :
A4BN3DL



Tgt Ion:128 Resp: 652
Ion Ratio Lower Upper
128 100
129 31.5 11.8 17.6#
127 25.4 12.8 19.2#

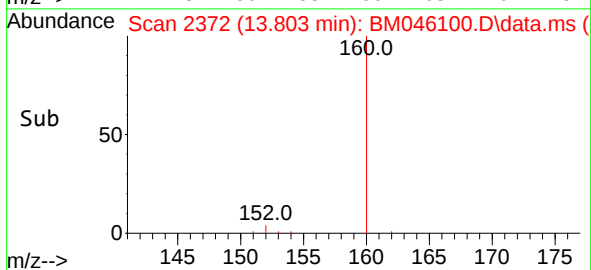
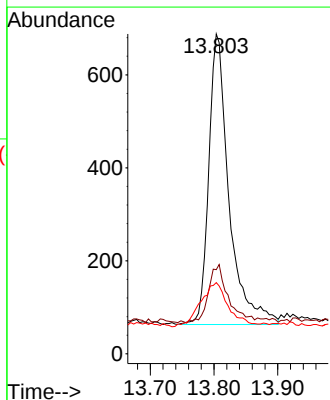
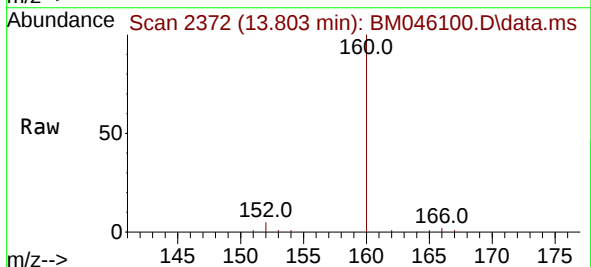
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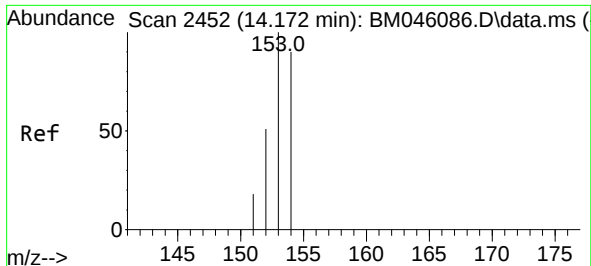
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#10
Acenaphthylene
Concen: 0.057 ng/u1
RT: 13.803 min Scan# 2372
Delta R.T. -0.031 min
Lab File: BM046100.D
Acq: 19 Jun 2024 23:43

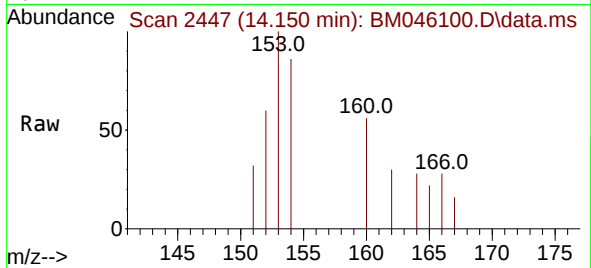
Tgt Ion:152 Resp: 1381
Ion Ratio Lower Upper
152 100
151 26.3 17.4 26.2#
153 22.2 11.8 17.8#





#11
Acenaphthene
Concen: 0.039 ng/u1
RT: 14.150 min Scan# 2452
Delta R.T. -0.022 min
Lab File: BM046100.D
Acq: 19 Jun 2024 23:43

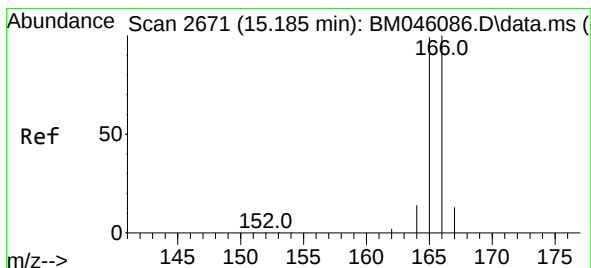
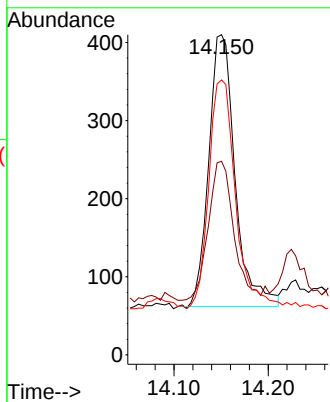
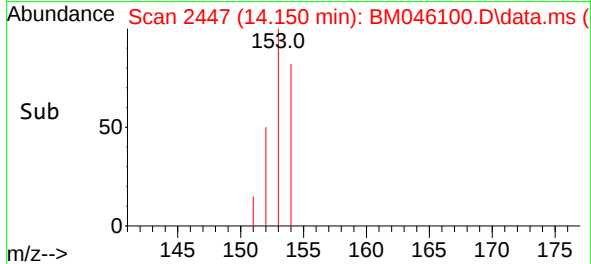
Instrument :
BNA_M
ClientSampleId :
A4BN3DL



Tgt Ion:153 Resp: 670
Ion Ratio Lower Upper
153 100
152 60.5 41.3 61.9
154 85.9 68.2 102.4

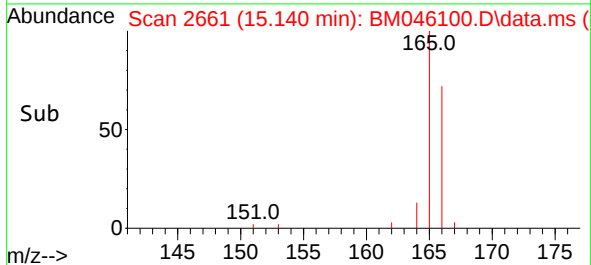
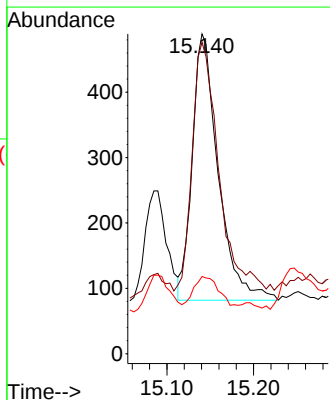
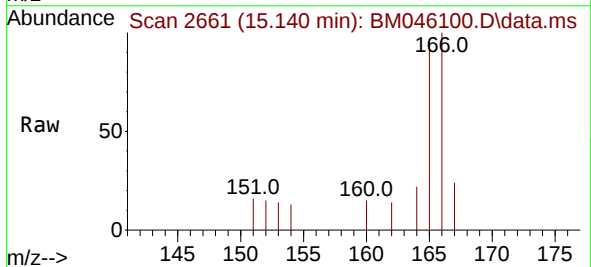
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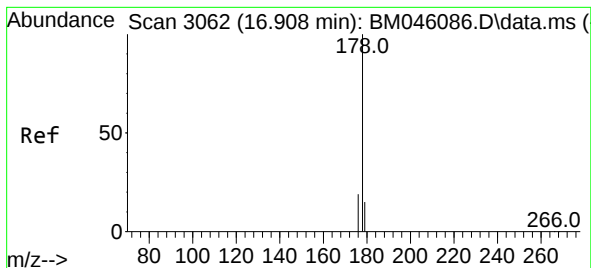
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#12
Fluorene
Concen: 0.045 ng/u1
RT: 15.140 min Scan# 2661
Delta R.T. -0.040 min
Lab File: BM046100.D
Acq: 19 Jun 2024 23:43

Tgt Ion:166 Resp: 846
Ion Ratio Lower Upper
166 100
165 97.3 80.4 120.6
167 24.1 12.4 18.6#





#15

Phenanthrene

Concen: 0.636 ng/ul

RT: 16.871 min Scan# 3053

Delta R.T. -0.033 min

Lab File: BM046100.D

Acq: 19 Jun 2024 23:43

Instrument :

BNA_M

ClientSampleId :

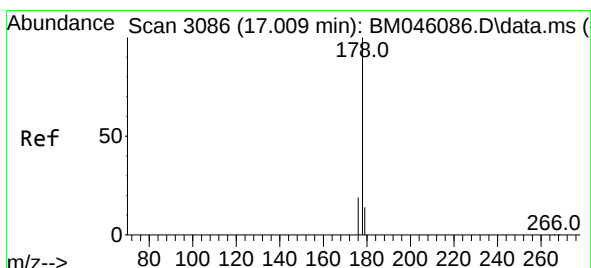
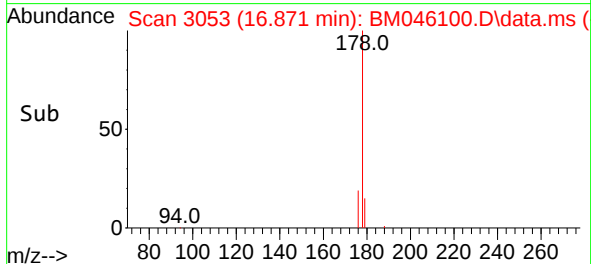
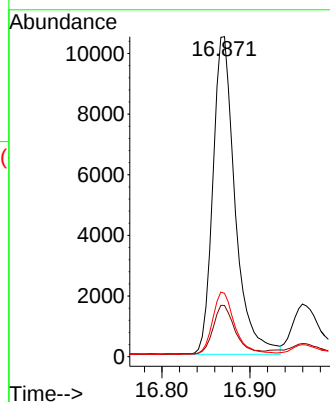
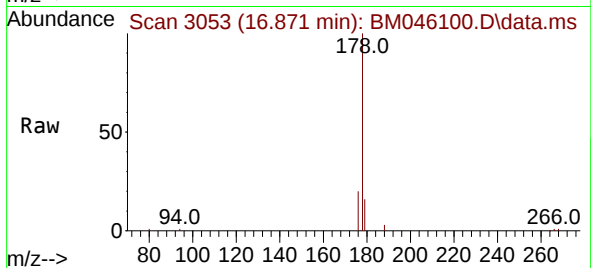
A4BN3DL

Tgt Ion:	178	Resp:	1841
Ion Ratio	Lower	Upper	
178	100		
179	16.0	14.2	21.2
176	19.8	17.1	25.7

Manual Integrations

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#16

Anthracene

Concen: 0.152 ng/ul

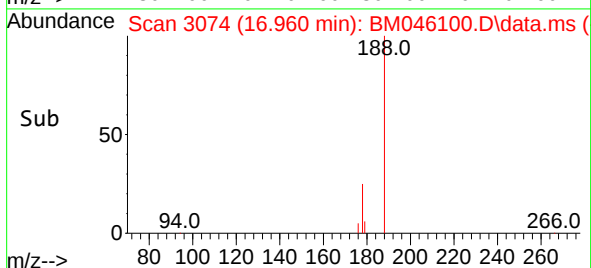
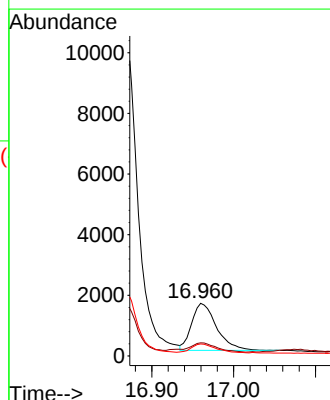
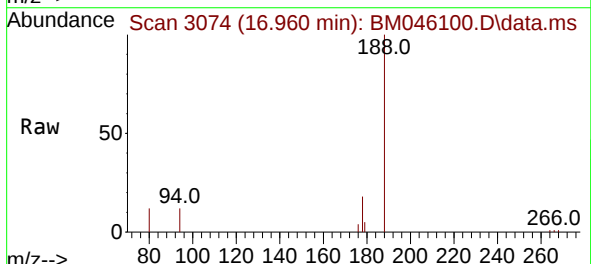
RT: 16.960 min Scan# 3074

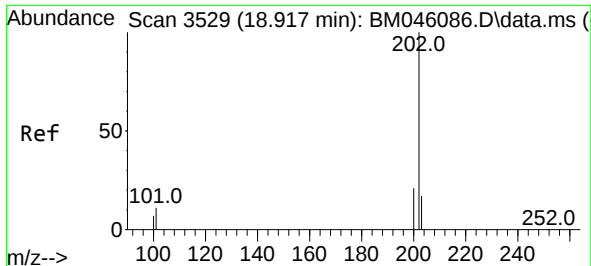
Delta R.T. -0.045 min

Lab File: BM046100.D

Acq: 19 Jun 2024 23:43

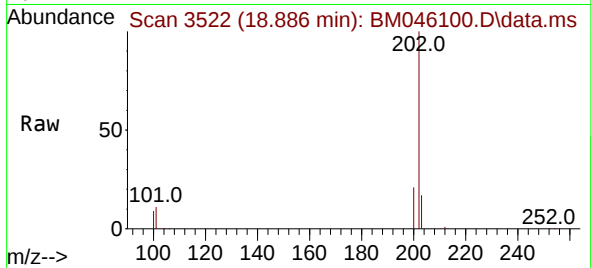
Tgt Ion:	178	Resp:	3280
Ion Ratio	Lower	Upper	
178	100		
179	24.9	14.9	22.3
176	22.8	17.0	25.4





#19
Fluoranthene
Concen: 1.196 ng/u1
RT: 18.886 min Scan# 3522
Delta R.T. -0.031 min
Lab File: BM046100.D
Acq: 19 Jun 2024 23:43

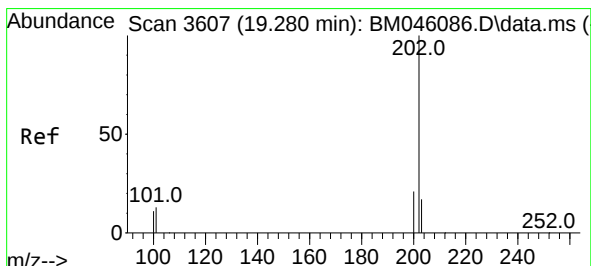
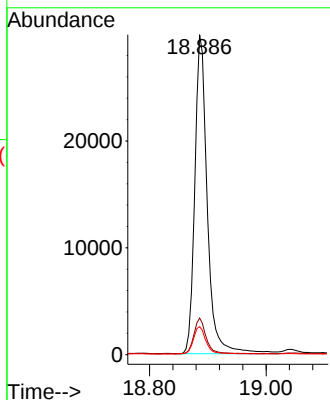
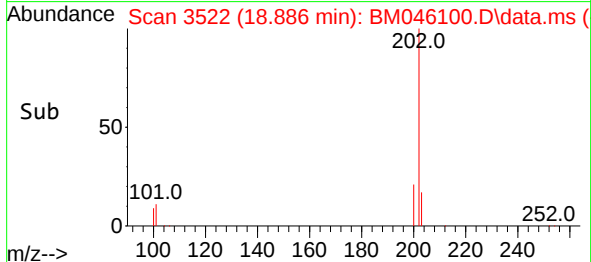
Instrument :
BNA_M
ClientSampleId :
A4BN3DL



Tgt Ion:202 Resp: 44349
Ion Ratio Lower Upper
202 100
101 11.4 9.6 14.4
100 8.8 7.6 11.4

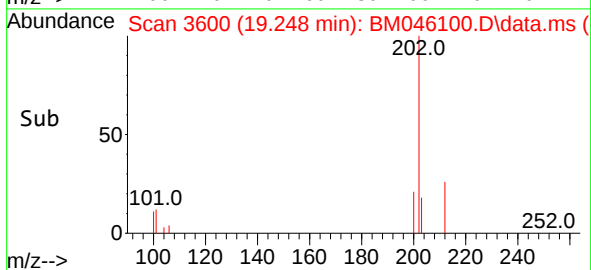
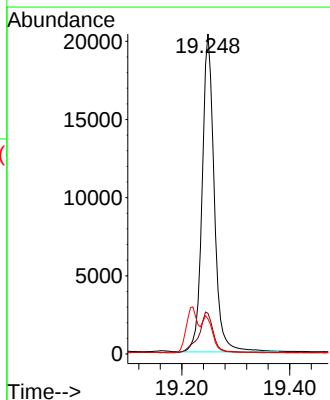
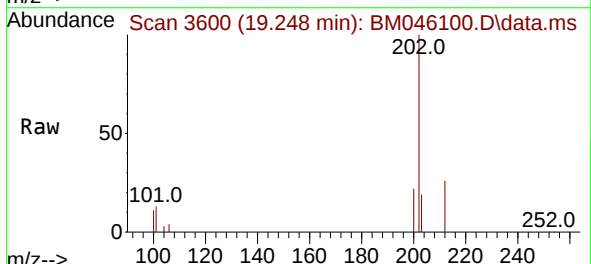
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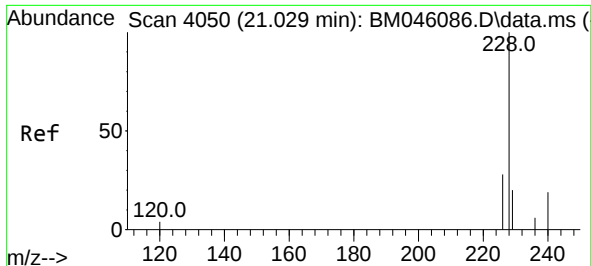
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#20
Pyrene
Concen: 0.789 ng/u1
RT: 19.248 min Scan# 3600
Delta R.T. -0.027 min
Lab File: BM046100.D
Acq: 19 Jun 2024 23:43

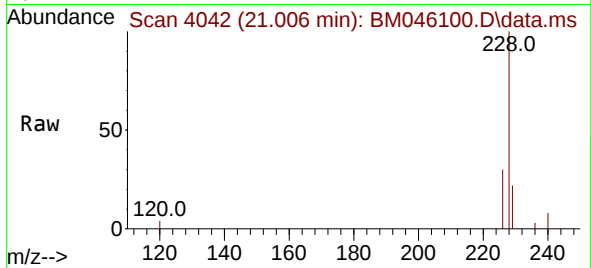
Tgt Ion:202 Resp: 31625
Ion Ratio Lower Upper
202 100
101 12.7 11.3 16.9
100 11.0 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.597 ng/ul
RT: 21.006 min Scan# 4050
Delta R.T. -0.024 min
Lab File: BM046100.D
Acq: 19 Jun 2024 23:43

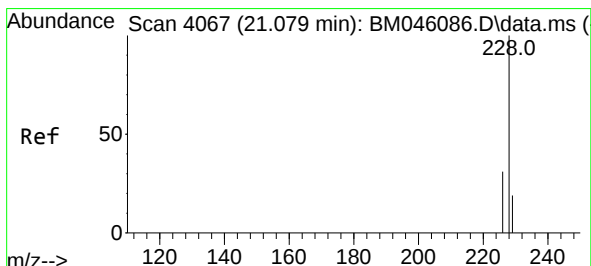
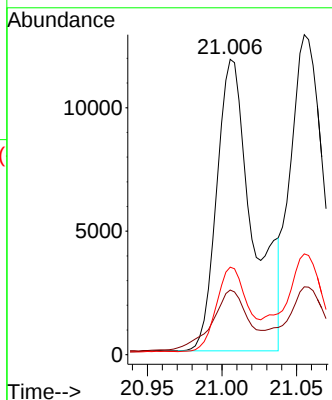
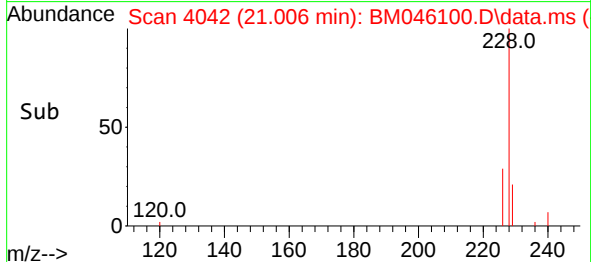
Instrument :
BNA_M
ClientSampleId :
A4BN3DL



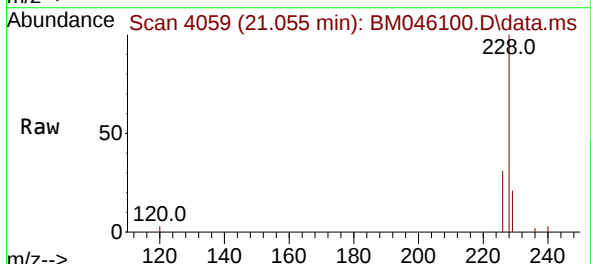
Tgt Ion:228 Resp: 1975
Ion Ratio Lower Upper
228 100
229 21.9 16.4 24.6
226 29.7 23.4 35.2

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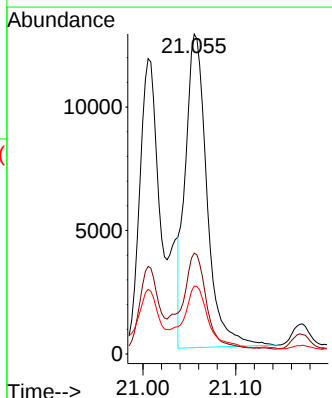
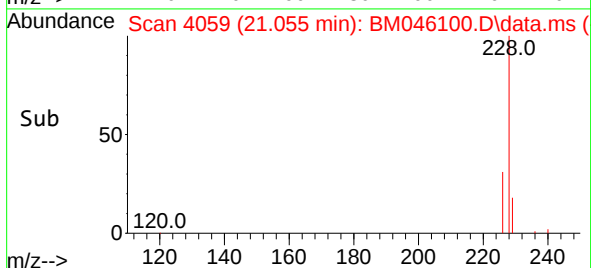
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

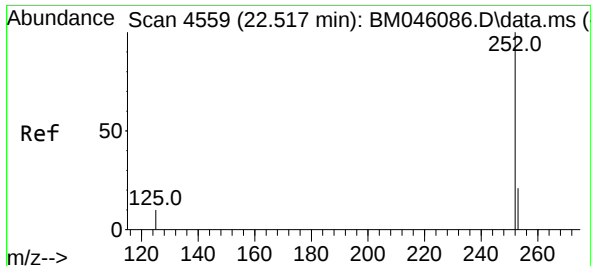


#22
Chrysene
Concen: 0.486 ng/ul
RT: 21.055 min Scan# 4059
Delta R.T. -0.021 min
Lab File: BM046100.D
Acq: 19 Jun 2024 23:43



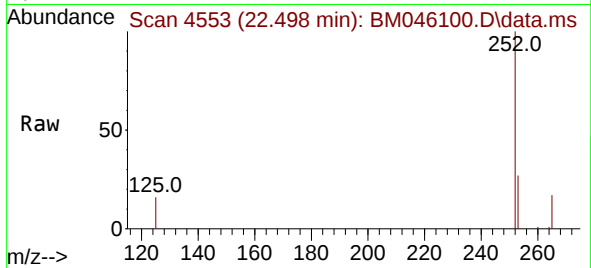
Tgt Ion:228 Resp: 20497
Ion Ratio Lower Upper
228 100
226 31.5 25.2 37.8
229 21.2 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 0.959 ng/ul m
RT: 22.498 min Scan# 4553
Delta R.T. -0.021 min
Lab File: BM046100.D
Acq: 19 Jun 2024 23:43

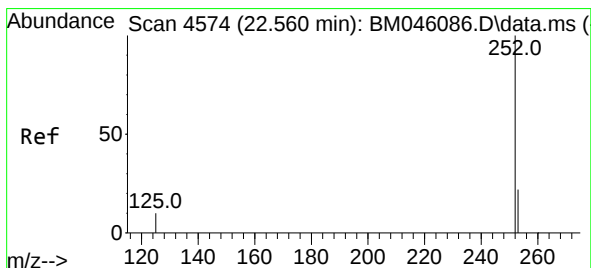
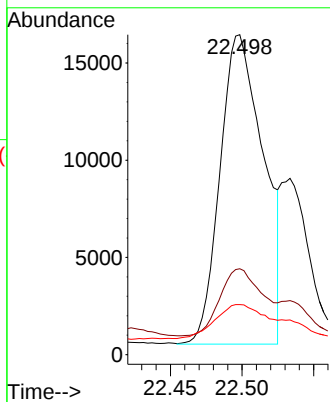
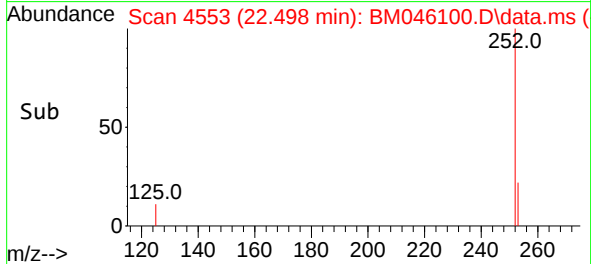
Instrument :
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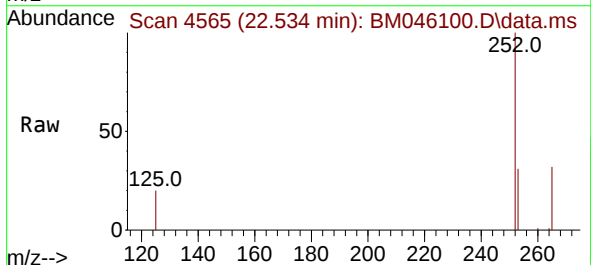
Tgt Ion:252 Resp: 3357
Ion Ratio Lower Upper
252 100
253 26.9 0.0 65.8
125 15.7 0.0 40.2

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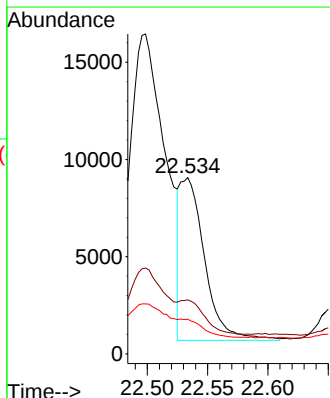
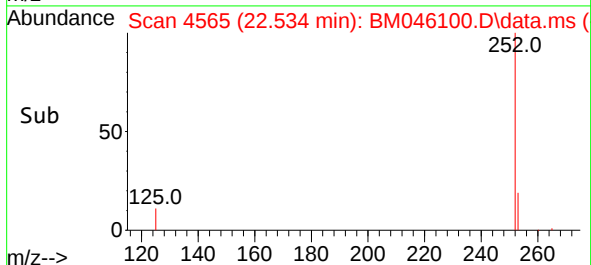
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

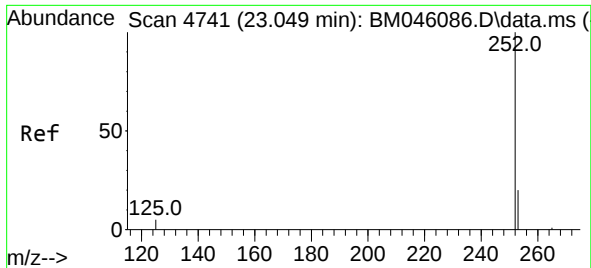


#25
Benzo(k)fluoranthene
Concen: 0.286 ng/ul m
RT: 22.534 min Scan# 4565
Delta R.T. -0.030 min
Lab File: BM046100.D
Acq: 19 Jun 2024 23:43



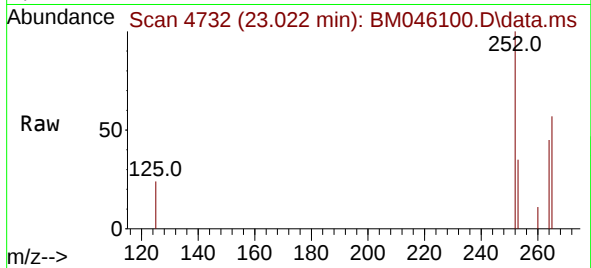
Tgt Ion:252 Resp: 11894
Ion Ratio Lower Upper
252 100
253 30.7 27.2 40.8
125 19.7 16.6 25.0





#26
Benzo(a)pyrene
Concen: 0.318 ng/ul
RT: 23.022 min Scan# 41
Delta R.T. -0.033 min
Lab File: BM046100.D
Acq: 19 Jun 2024 23:43

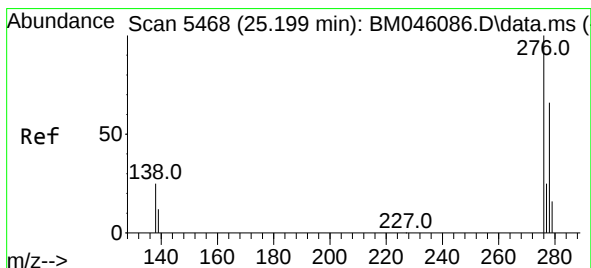
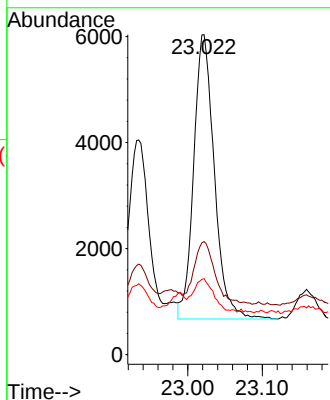
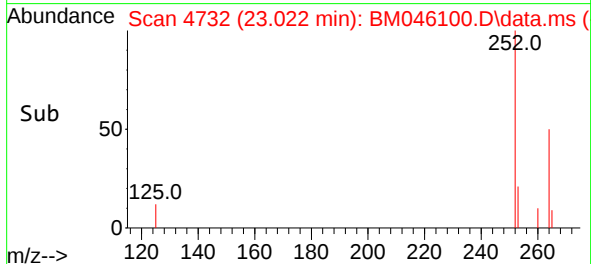
Instrument :
BNA_M
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A4BN3DL



Tgt Ion:252 Resp: 10328
Ion Ratio Lower Upper
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125 23.8 21.2 31.8

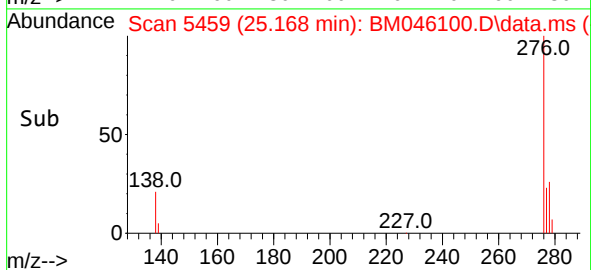
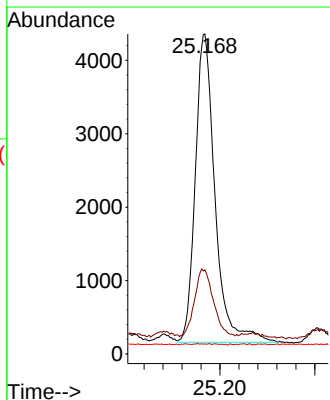
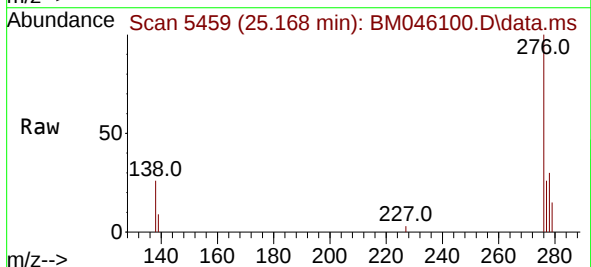
Manual Integrations
APPROVED

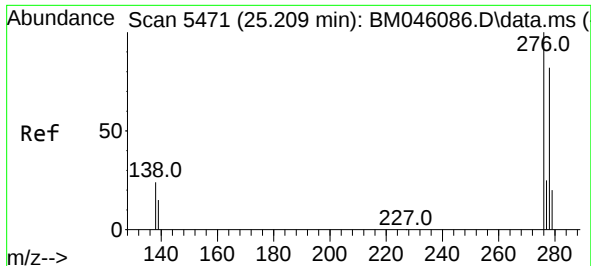
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.228 ng/ul
RT: 25.168 min Scan# 5459
Delta R.T. -0.034 min
Lab File: BM046100.D
Acq: 19 Jun 2024 23:43

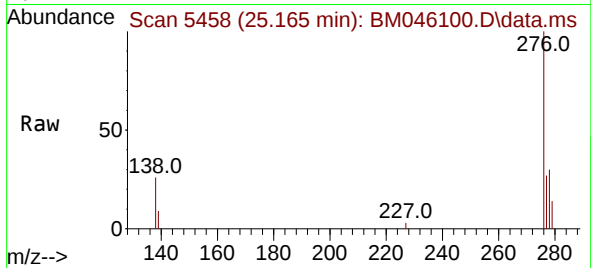
Tgt Ion:276 Resp: 12126
Ion Ratio Lower Upper
276 100
138 21.0 21.0 31.4
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.096 ng/ul
RT: 25.165 min Scan# 5471
Delta R.T. -0.051 min
Lab File: BM046100.D
Acq: 19 Jun 2024 23:43

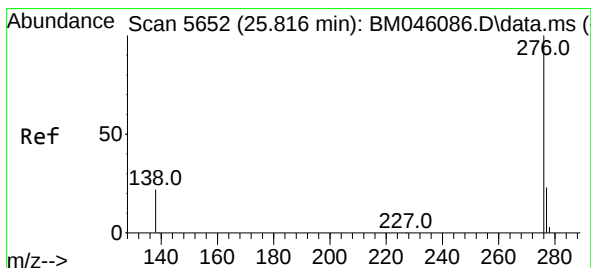
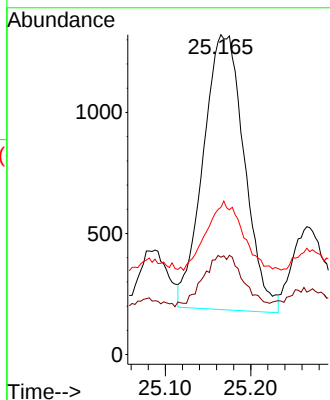
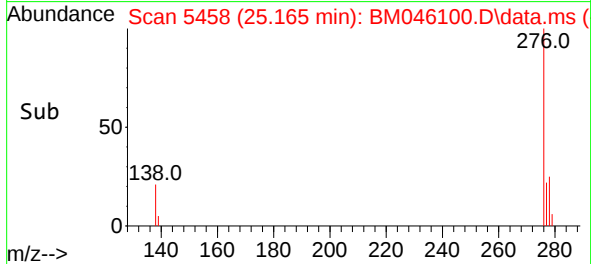
Instrument :
BNA_M
ClientSampleId :
A4BN3DL



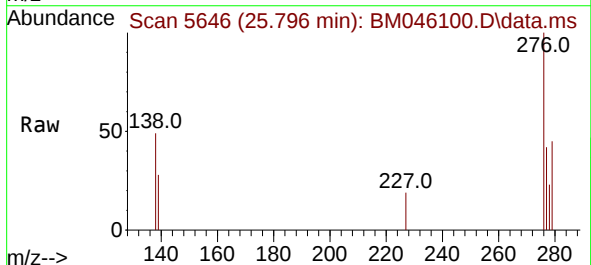
Tgt Ion:278 Resp: 380
Ion Ratio Lower Upper
278 100
139 30.4 17.6 26.4#
279 46.0 26.3 39.5#

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.041 ng/ul
RT: 25.796 min Scan# 5646
Delta R.T. -0.034 min
Lab File: BM046100.D
Acq: 19 Jun 2024 23:43



Tgt Ion:276 Resp: 1853
Ion Ratio Lower Upper
276 100
138 49.0 21.7 32.5#
277 41.7 20.4 30.6#

