

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046096.D
 Acq On : 19 Jun 2024 21:17
 Operator : MA/JU
 Sample : P2695-10DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BK3DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 19 22:50:34 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	7.438	152	2844	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.237	136	8018	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.089	164	4540	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.832	188	9173	0.400	ng/ul	-0.03
17) Chrysene-d12	21.026	240	7920	0.400	ng/ul	-0.02
23) Perylene-d12	23.119	264	9331m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.042	96	2597	0.666	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.881	152	475	0.044	ng/ul	0.02
18) Fluoranthene-d10	18.861	212	1259	0.053	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.286	128	573	0.026	ng/ul#	41
10) Acenaphthylene	13.811	152	1169	0.054	ng/ul#	80
11) Acenaphthene	14.154	153	540	0.035	ng/ul	93
12) Fluorene	15.148	166	649	0.039	ng/ul#	95
15) Phenanthrene	16.874	178	15312	0.594	ng/ul	98
16) Anthracene	16.967	178	2897	0.151	ng/ul#	90
19) Fluoranthene	18.889	202	37159	1.084	ng/ul	99
20) Pyrene	19.252	202	27266	0.735	ng/ul	97
21) Benzo(a)anthracene	21.009	228	16372	0.535	ng/ul	99
22) Chrysene	21.061	228	17630	0.452	ng/ul	98
24) Benzo(b)fluoranthene	22.502	252	27410m	0.815	ng/ul	
25) Benzo(k)fluoranthene	22.537	252	10467m	0.262	ng/ul	
26) Benzo(a)pyrene	23.025	252	9503	0.305	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.169	276	11100	0.218	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.169	278	3252	0.086	ng/ul#	69
29) Benzo(g,h,i)perylene	25.793	276	1792	0.041	ng/ul#	56

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

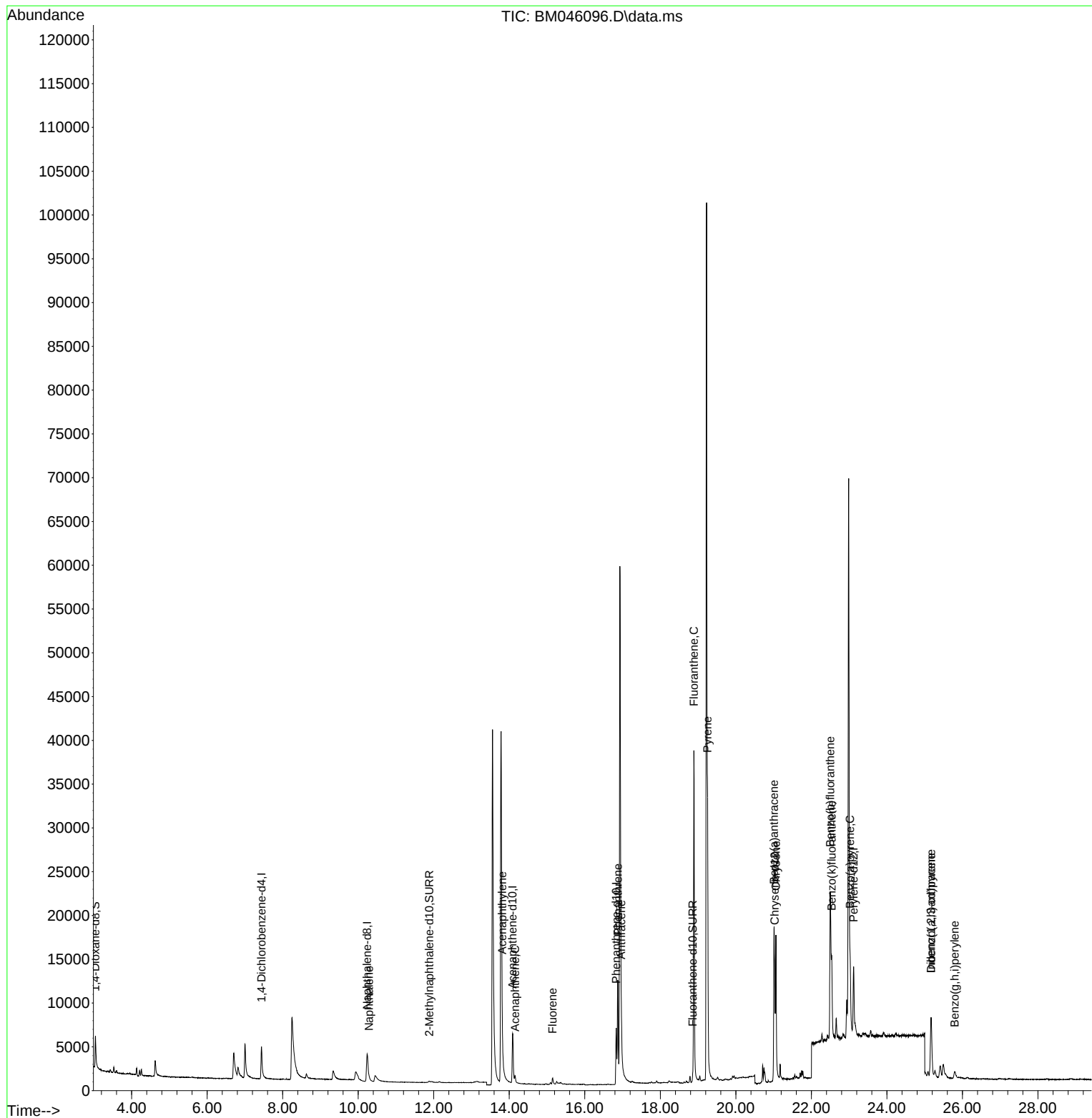
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046096.D
Acq On : 19 Jun 2024 21:17
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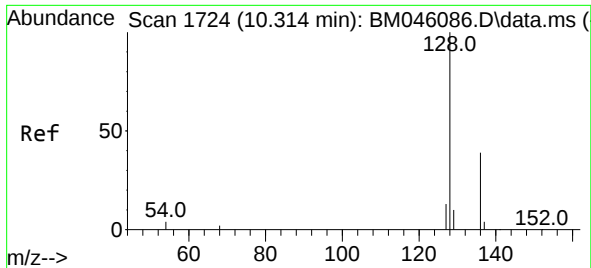
Instrument :
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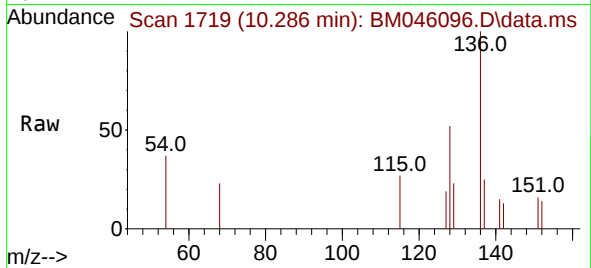
Quant Time: Jun 19 22:50:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.026 ng/u1
RT: 10.286 min Scan# 11
Delta R.T. -0.017 min
Lab File: BM046096.D
Acq: 19 Jun 2024 21:17

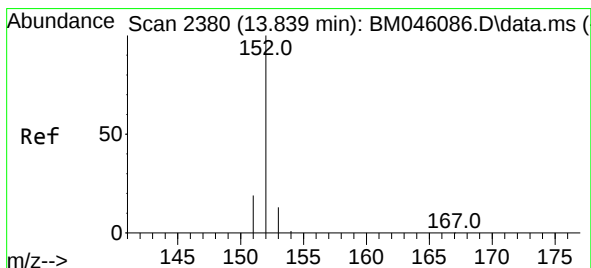
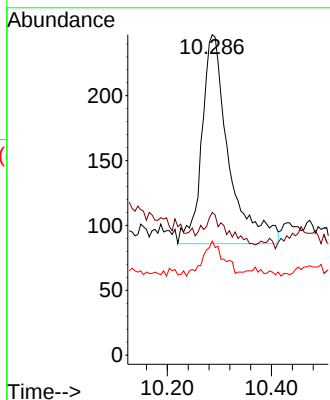
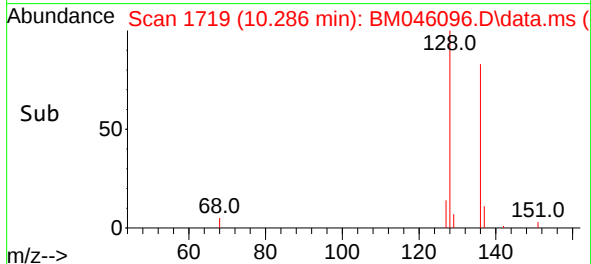
Instrument :
BNA_M
ClientSampleId :
A4BK3DL



Tgt Ion:128 Resp: 57
Ion Ratio Lower Upper
128 100
129 44.5 11.8 17.6
127 35.6 12.8 19.2

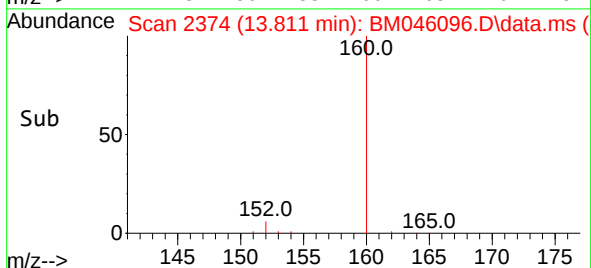
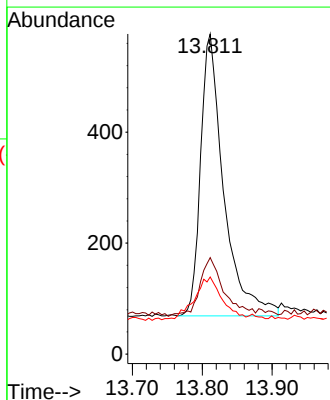
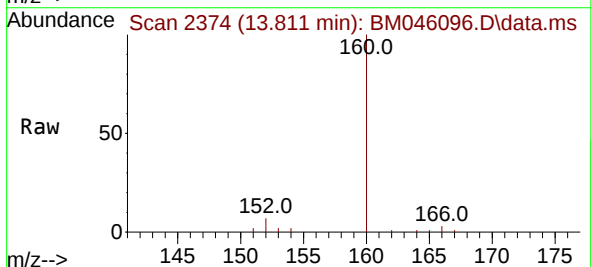
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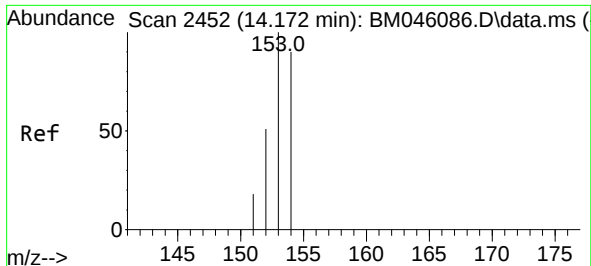
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#10
Acenaphthylene
Concen: 0.054 ng/u1
RT: 13.811 min Scan# 2374
Delta R.T. -0.023 min
Lab File: BM046096.D
Acq: 19 Jun 2024 21:17

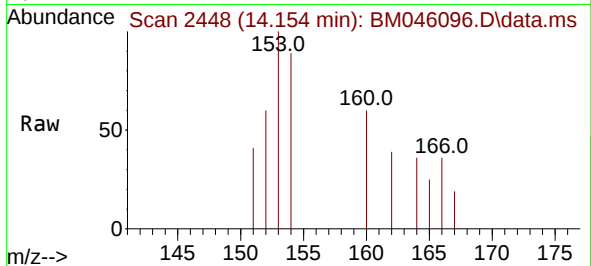
Tgt Ion:152 Resp: 1169
Ion Ratio Lower Upper
152 100
151 30.2 17.4 26.2#
153 24.1 11.8 17.8#





#11
Acenaphthene
Concen: 0.035 ng/u1
RT: 14.154 min Scan# 2448
Delta R.T. -0.019 min
Lab File: BM046096.D
Acq: 19 Jun 2024 21:17

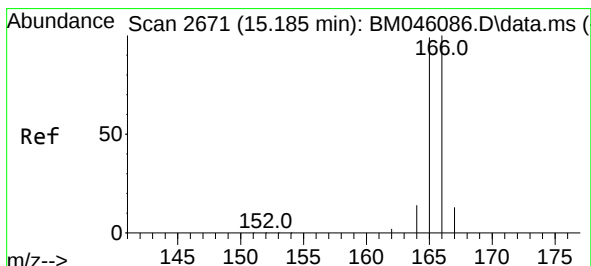
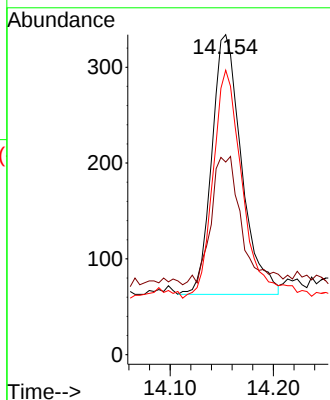
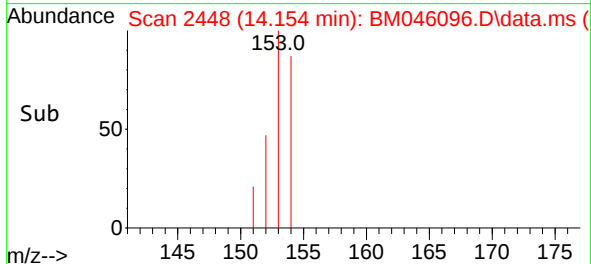
Instrument :
BNA_M
ClientSampleId :
A4BK3DL



Tgt Ion:153 Resp: 540
Ion Ratio Lower Upper
153 100
152 60.2 41.3 61.9
154 88.9 68.2 102.4

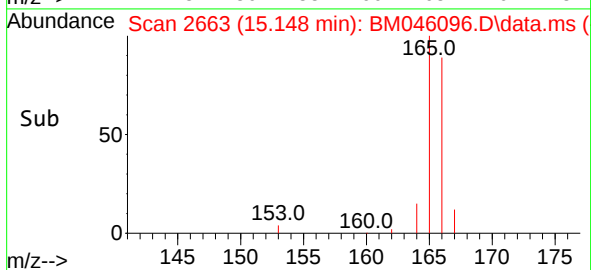
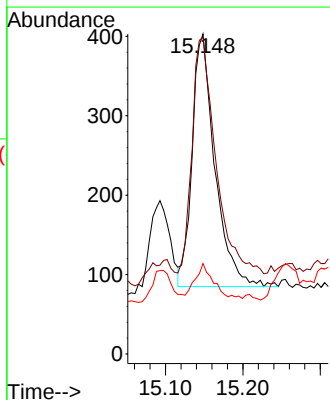
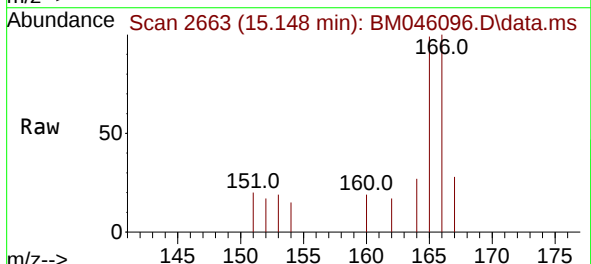
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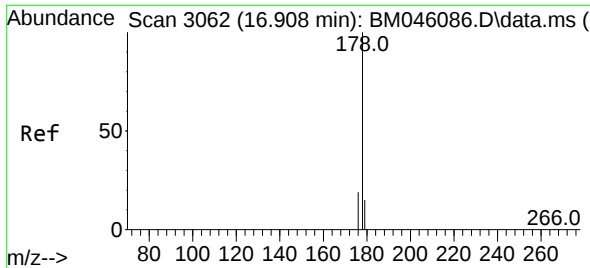
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#12
Fluorene
Concen: 0.039 ng/u1
RT: 15.148 min Scan# 2663
Delta R.T. -0.032 min
Lab File: BM046096.D
Acq: 19 Jun 2024 21:17

Tgt Ion:166 Resp: 649
Ion Ratio Lower Upper
166 100
165 99.0 80.4 120.6
167 28.3 12.4 18.6#





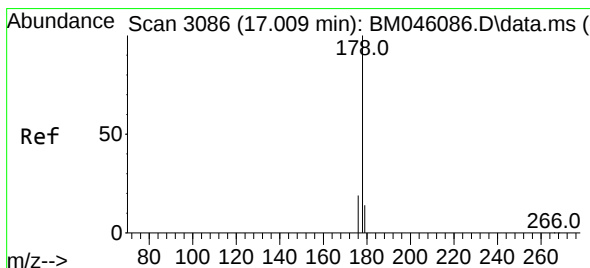
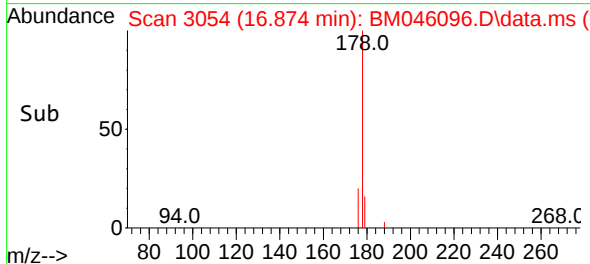
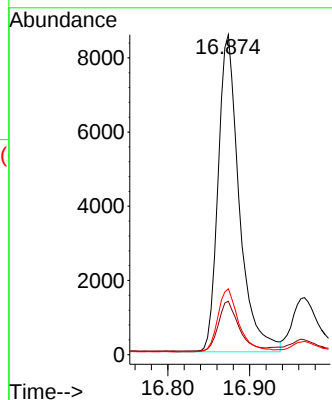
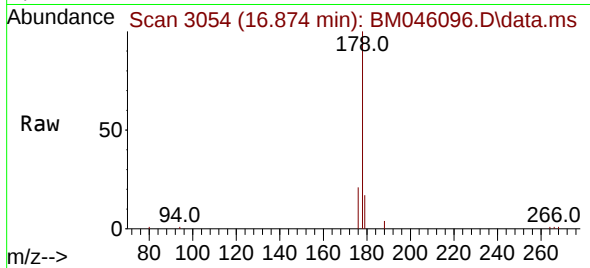
#15
Phenanthrene
Concen: 0.594 ng/u1
RT: 16.874 min Scan# 3062
Delta R.T. -0.030 min
Lab File: BM046096.D
Acq: 19 Jun 2024 21:17

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:178 Resp: 15312
Ion Ratio Lower Upper
178 100
179 16.7 14.2 21.2
176 20.6 17.1 25.7

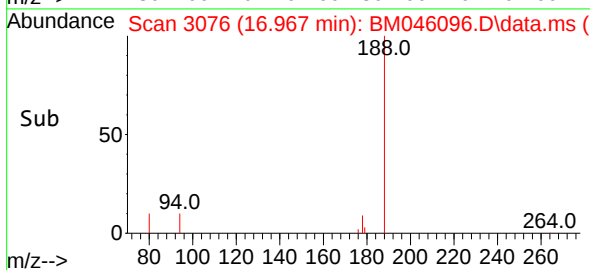
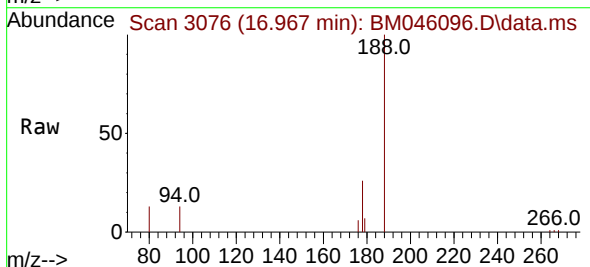
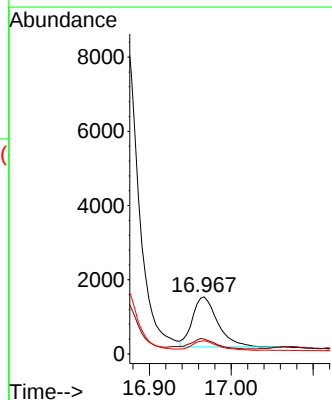
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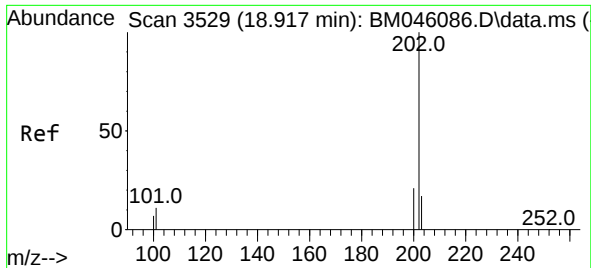
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#16
Anthracene
Concen: 0.151 ng/u1
RT: 16.967 min Scan# 3076
Delta R.T. -0.038 min
Lab File: BM046096.D
Acq: 19 Jun 2024 21:17

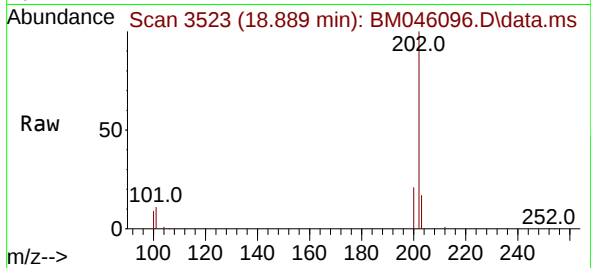
Tgt Ion:178 Resp: 2897
Ion Ratio Lower Upper
178 100
179 26.1 14.9 22.3#
176 23.2 17.0 25.4





#19
Fluoranthene
Concen: 1.084 ng/ul
RT: 18.889 min Scan# 3523
Delta R.T. -0.028 min
Lab File: BM046096.D
Acq: 19 Jun 2024 21:17

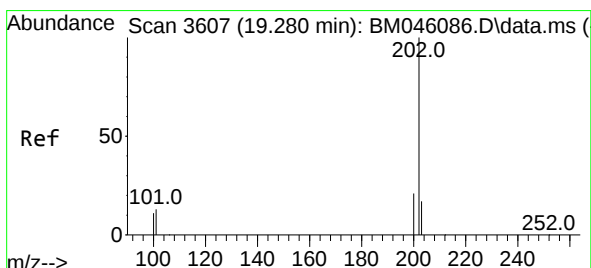
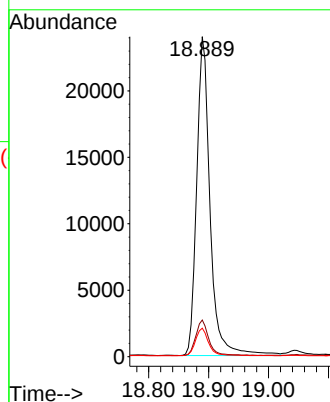
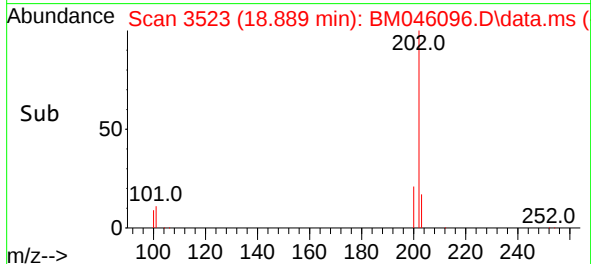
Instrument :
BNA_M
ClientSampleId :
A4BK3DL



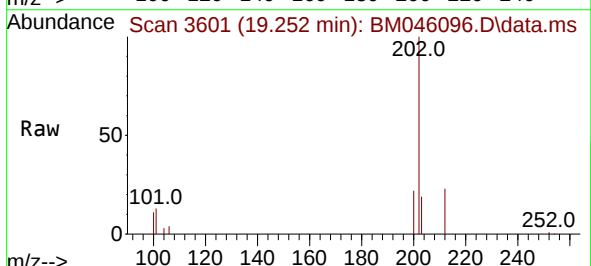
Tgt Ion:202 Resp: 37159
Ion Ratio Lower Upper
202 100
101 11.5 9.6 14.4
100 8.9 7.6 11.4

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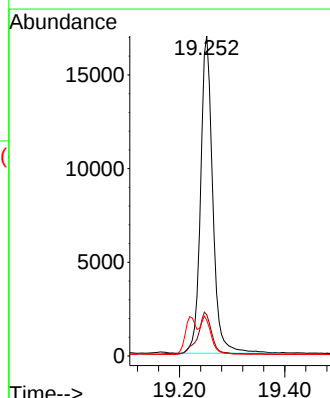
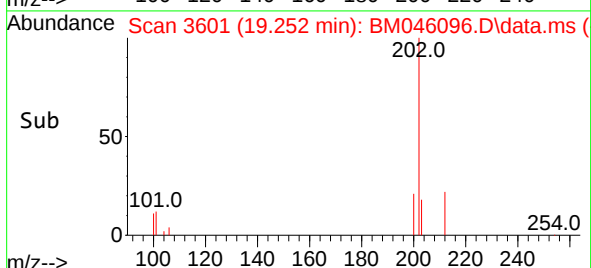
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Supervised By :mohammad ahmed 06/21/2024

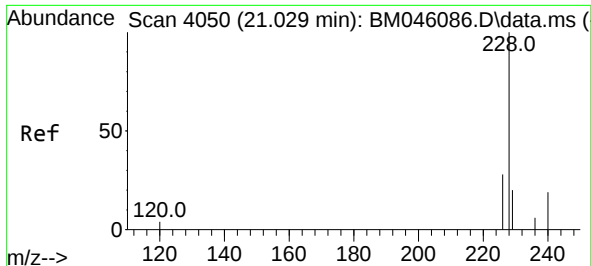


#20
Pyrene
Concen: 0.735 ng/ul
RT: 19.252 min Scan# 3601
Delta R.T. -0.023 min
Lab File: BM046096.D
Acq: 19 Jun 2024 21:17



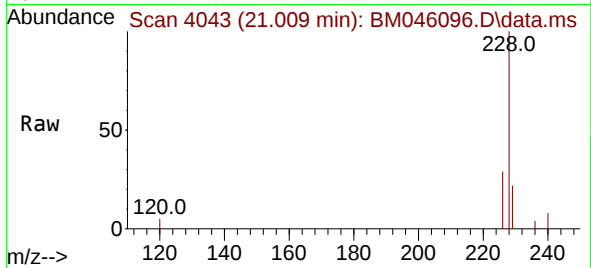
Tgt Ion:202 Resp: 27266
Ion Ratio Lower Upper
202 100
101 12.9 11.3 16.9
100 11.2 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.535 ng/ul
RT: 21.009 min Scan# 4050
Delta R.T. -0.021 min
Lab File: BM046096.D
Acq: 19 Jun 2024 21:17

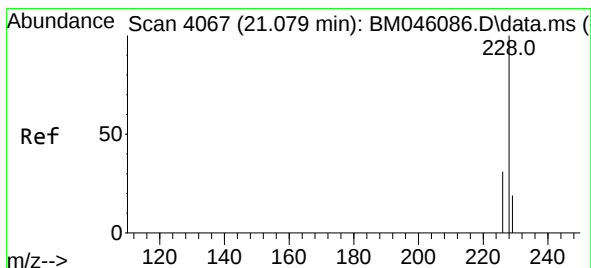
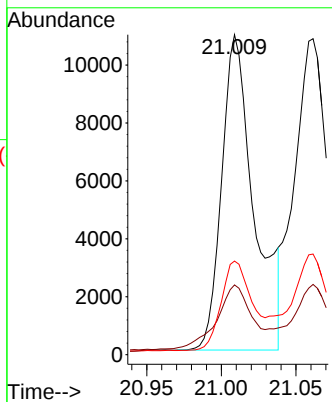
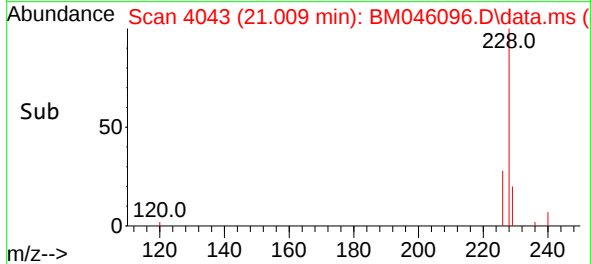
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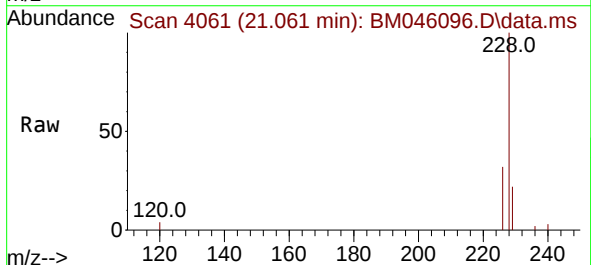
Tgt Ion:228 Resp: 16372
Ion Ratio Lower Upper
228 100
229 21.8 16.4 24.6
226 29.3 23.4 35.2

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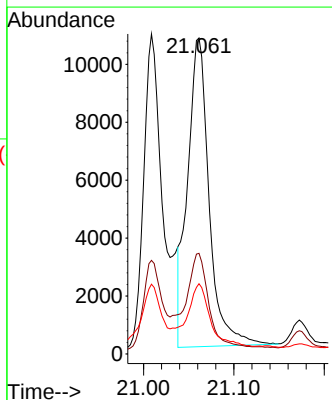
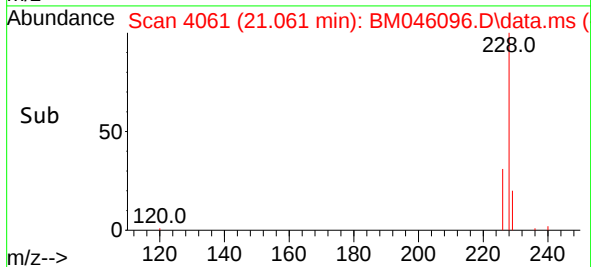
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

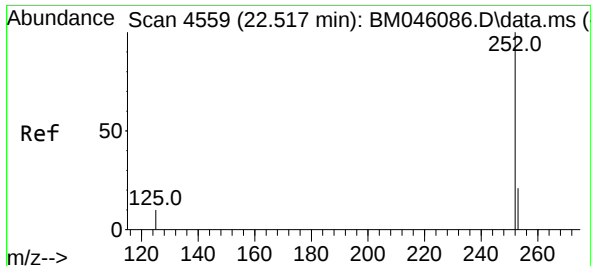


#22
Chrysene
Concen: 0.452 ng/ul
RT: 21.061 min Scan# 4061
Delta R.T. -0.015 min
Lab File: BM046096.D
Acq: 19 Jun 2024 21:17



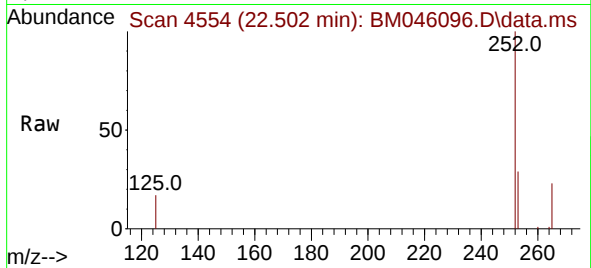
Tgt Ion:228 Resp: 17630
Ion Ratio Lower Upper
228 100
226 31.9 25.2 37.8
229 22.2 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 0.815 ng/ul m
RT: 22.502 min Scan# 4554
Delta R.T. -0.018 min
Lab File: BM046096.D
Acq: 19 Jun 2024 21:17

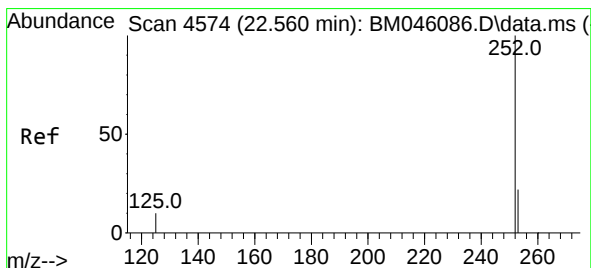
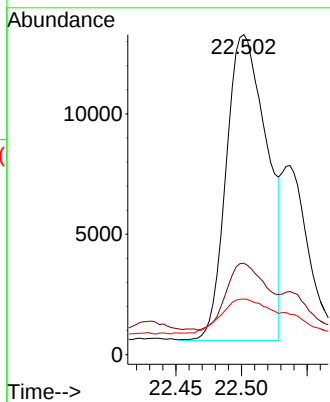
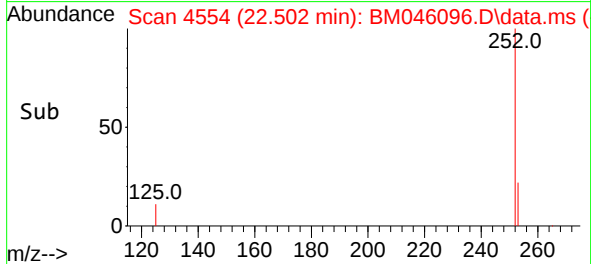
Instrument :
BNA_M
ClientSampleId :
A4BK3DL



Tgt Ion:252 Resp: 27410
Ion Ratio Lower Upper
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253 28.6 0.0 65.8
125 17.4 0.0 40.2

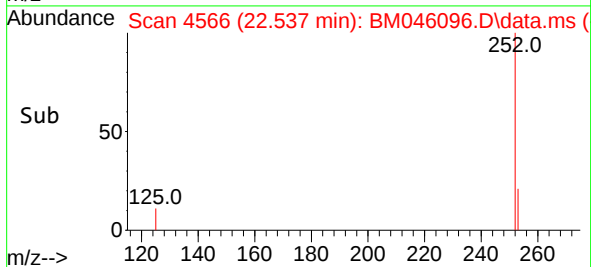
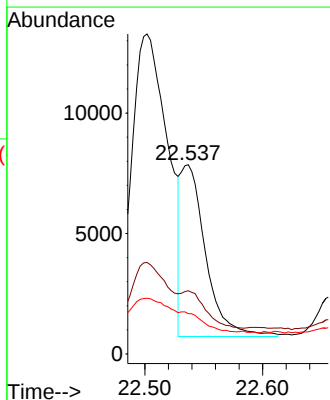
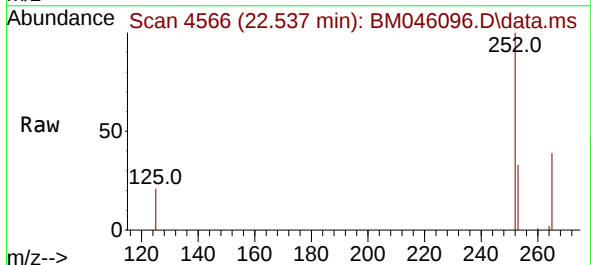
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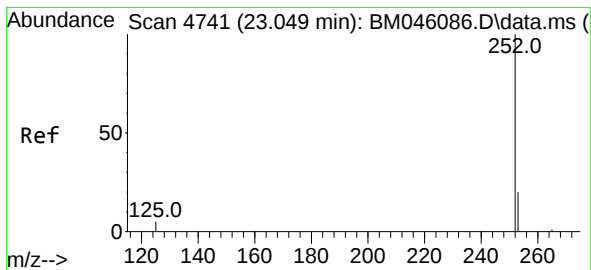
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#25
Benzo(k)fluoranthene
Concen: 0.262 ng/ul m
RT: 22.537 min Scan# 4566
Delta R.T. -0.026 min
Lab File: BM046096.D
Acq: 19 Jun 2024 21:17

Tgt Ion:252 Resp: 10467
Ion Ratio Lower Upper
252 100
253 33.4 27.2 40.8
125 21.3 16.6 25.0





#26

Benzo(a)pyrene

Concen: 0.305 ng/ul

RT: 23.025 min Scan# 41

Delta R.T. -0.029 min

Lab File: BM046096.D

Acq: 19 Jun 2024 21:17

Instrument :

BNM_M

ClientSampleId :

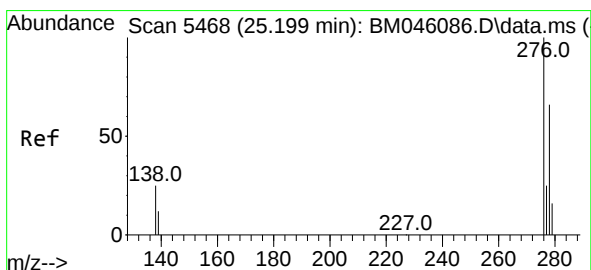
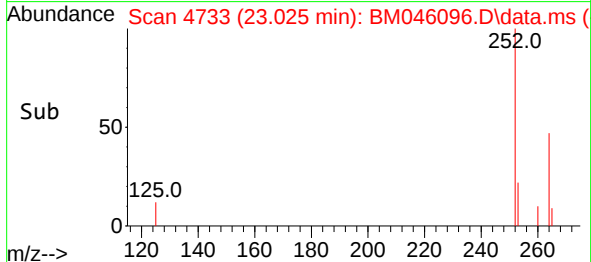
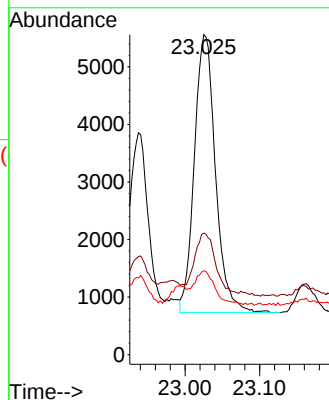
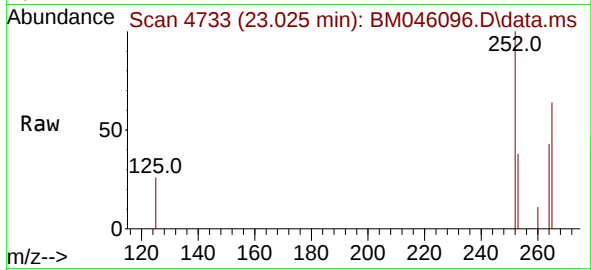
A4BK3DL

Tgt Ion:	252	Resp:	950
Ion Ratio	Lower	Upper	
252	100		
253	38.0	32.1	48.1
125	26.2	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: 0.218 ng/ul

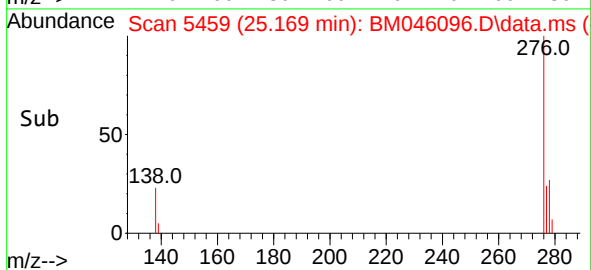
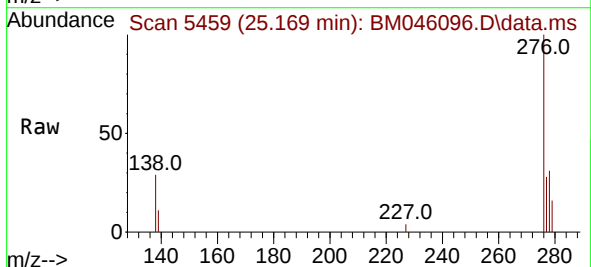
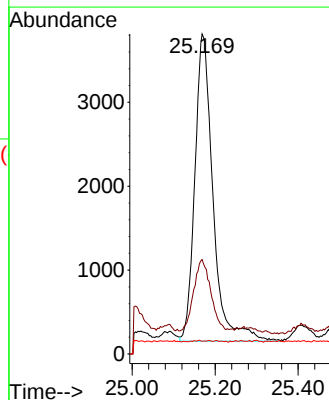
RT: 25.169 min Scan# 5459

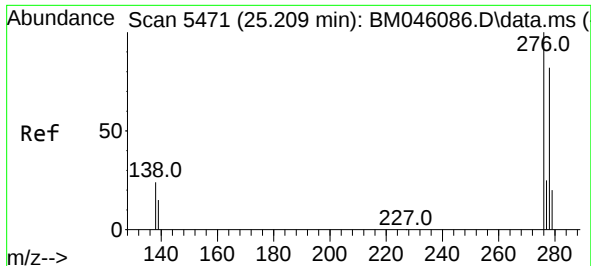
Delta R.T. -0.034 min

Lab File: BM046096.D

Acq: 19 Jun 2024 21:17

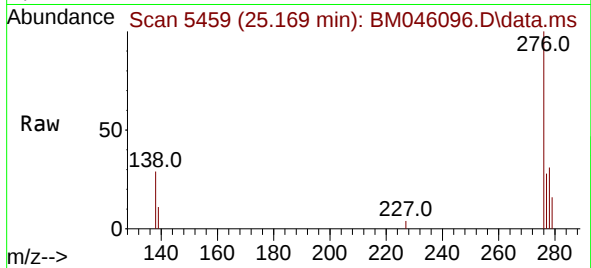
Tgt Ion:	276	Resp:	11100
Ion Ratio	Lower	Upper	
276	100		
138	22.9	21.0	31.4
227	0.2	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.086 ng/ul
RT: 25.169 min Scan# 5471
Delta R.T. -0.047 min
Lab File: BM046096.D
Acq: 19 Jun 2024 21:17

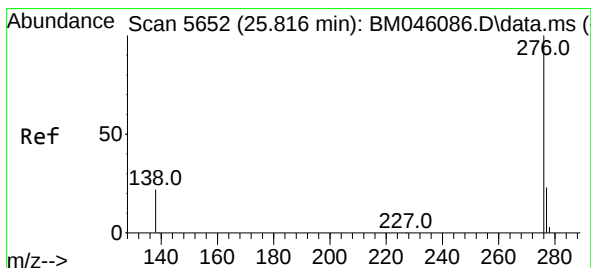
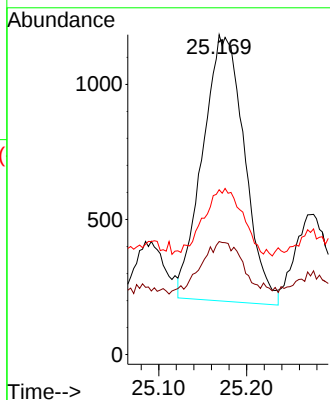
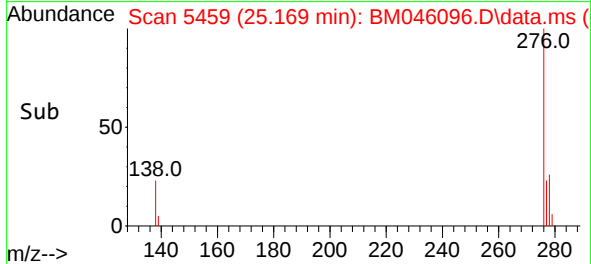
Instrument :
BNA_M
ClientSampleId :
A4BK3DL



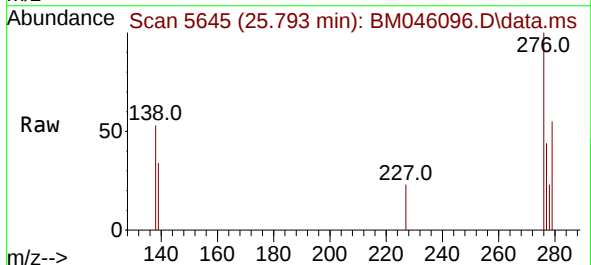
Tgt Ion:278 Resp: 325
Ion Ratio Lower Upper
278 100
139 35.3 17.6 26.4#
279 51.5 26.3 39.5#

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: 25.793 min Scan# 5645
Delta R.T. -0.037 min
Lab File: BM046096.D
Acq: 19 Jun 2024 21:17



Tgt Ion:276 Resp: 1792
Ion Ratio Lower Upper
276 100
138 53.1 21.7 32.5#
277 44.3 20.4 30.6#

