

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046098.D
 Acq On : 19 Jun 2024 22:30
 Operator : MA/JU
 Sample : P2695-11DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BK5DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 19 23:14:30 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	3009	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.238	136	8358	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.090	164	4772	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.829	188	9702	0.400	ng/ul	-0.03
17) Chrysene-d12	21.020	240	8737	0.400	ng/ul	-0.02
23) Perylene-d12	23.118	264	9973m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.042	96	2398	0.581	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.882	152	439	0.039	ng/ul	0.02
18) Fluoranthene-d10	18.858	212	1243	0.048	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.293	128	835	0.036	ng/ul#	62
10) Acenaphthylene	13.813	152	2320	0.103	ng/ul#	91
11) Acenaphthene	14.155	153	752	0.046	ng/ul	94
12) Fluorene	15.150	166	1228	0.070	ng/ul#	95
15) Phenanthrene	16.871	178	32171	1.180	ng/ul	96
16) Anthracene	16.964	178	8550	0.421	ng/ul	98
19) Fluoranthene	18.886	202	85916	2.271	ng/ul	98
20) Pyrene	19.249	202	64261	1.571	ng/ul	98
21) Benzo(a)anthracene	21.003	228	40394	1.197	ng/ul	99
22) Chrysene	21.055	228	35298	0.820	ng/ul	99
24) Benzo(b)fluoranthene	22.499	252	43936m	1.223	ng/ul	
25) Benzo(k)fluoranthene	22.534	252	15466m	0.362	ng/ul	
26) Benzo(a)pyrene	23.025	252	17187m	0.516	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.169	276	15164	0.278	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.169	278	4837	0.119	ng/ul#	84
29) Benzo(g,h,i)perylene	25.799	276	2086	0.045	ng/ul#	61

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

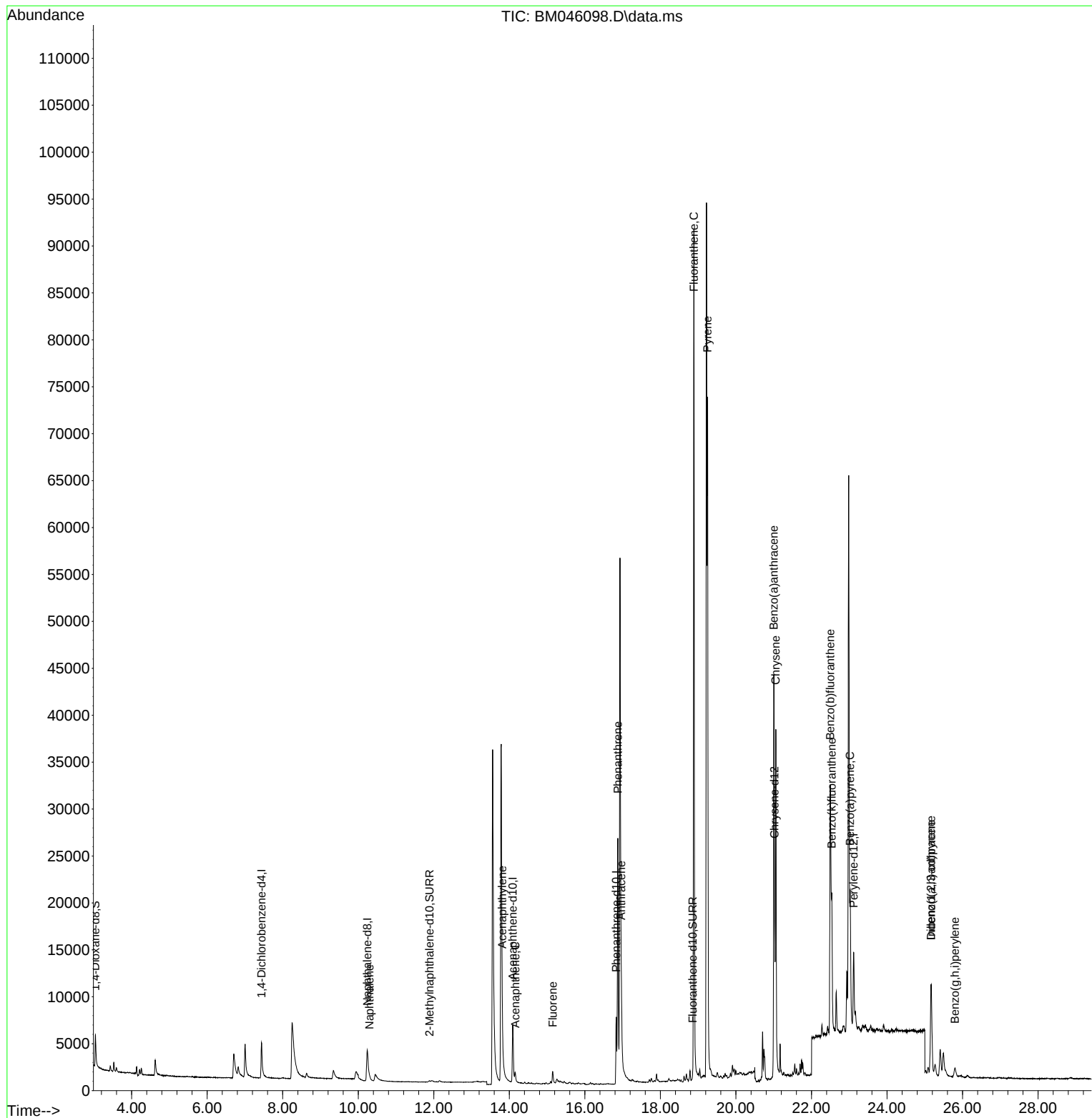
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046098.D
Acq On : 19 Jun 2024 22:30
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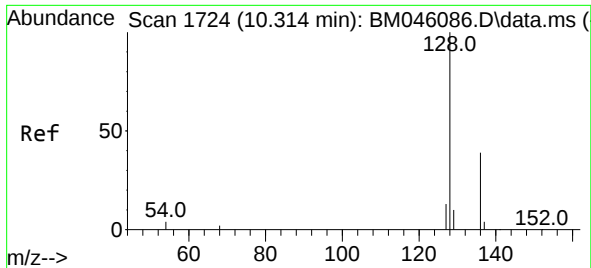
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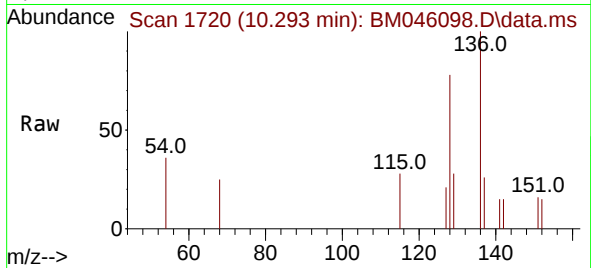
Quant Time: Jun 19 23:14:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
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#5
Naphthalene
Concen: 0.036 ng/u1
RT: 10.293 min Scan# 1720
Delta R.T. -0.010 min
Lab File: BM046098.D
Acq: 19 Jun 2024 22:30

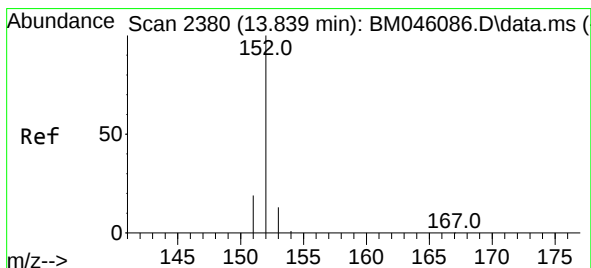
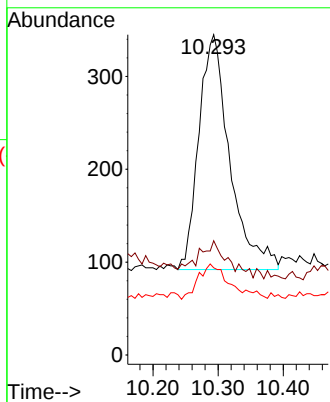
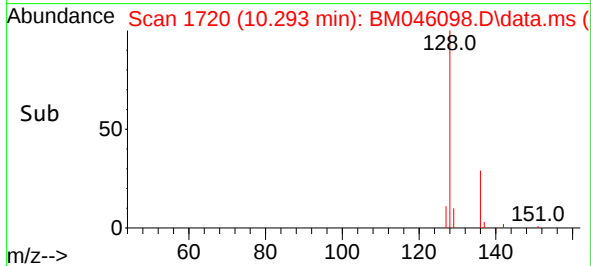
Instrument :
BNA_M
ClientSampleId :
A4BK5DL



Tgt Ion:128 Resp: 839
Ion Ratio Lower Upper
128 100
129 35.7 11.8 17.6
127 27.2 12.8 19.2

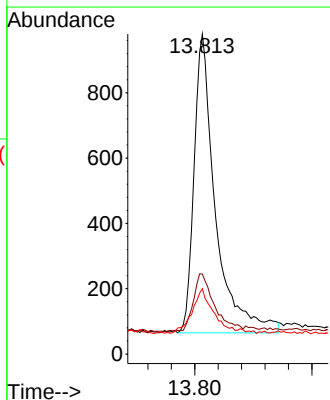
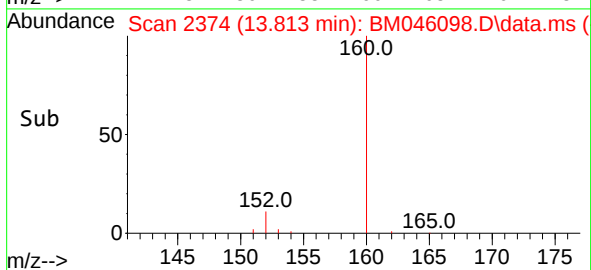
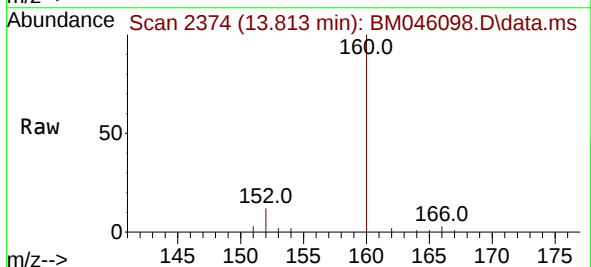
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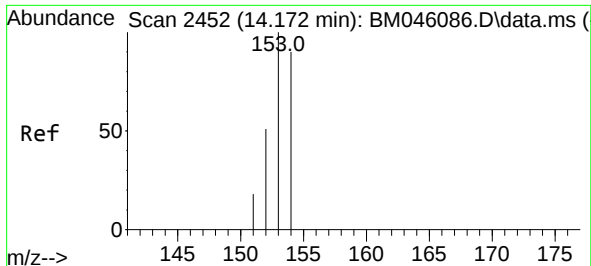
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#10
Acenaphthylene
Concen: 0.103 ng/u1
RT: 13.813 min Scan# 2374
Delta R.T. -0.022 min
Lab File: BM046098.D
Acq: 19 Jun 2024 22:30

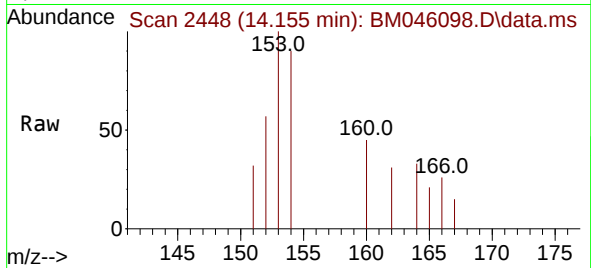
Tgt Ion:152 Resp: 2320
Ion Ratio Lower Upper
152 100
151 25.0 17.4 26.2
153 20.4 11.8 17.8#





#11
Acenaphthene
Concen: 0.046 ng/ul
RT: 14.155 min Scan# 2452
Delta R.T. -0.017 min
Lab File: BM046098.D
Acq: 19 Jun 2024 22:30

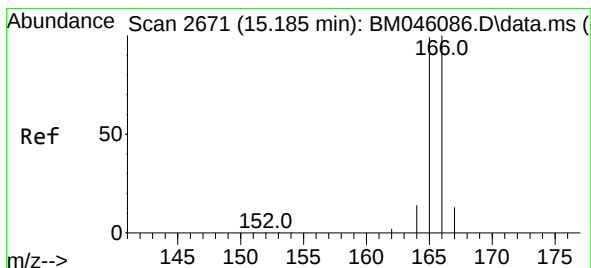
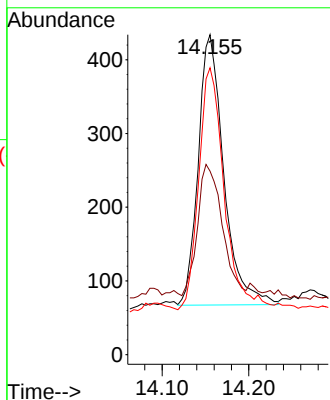
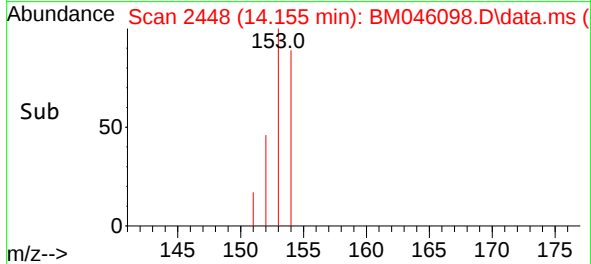
Instrument :
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A4BK5DL



Tgt Ion:153 Resp: 752
Ion Ratio Lower Upper
153 100
152 57.4 41.3 61.9
154 89.6 68.2 102.4

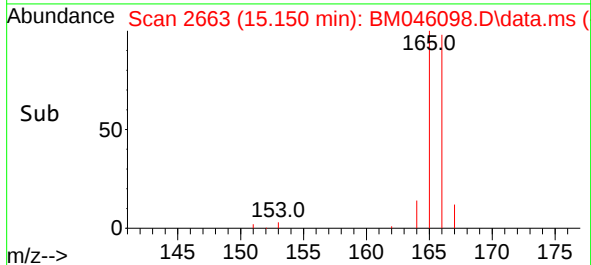
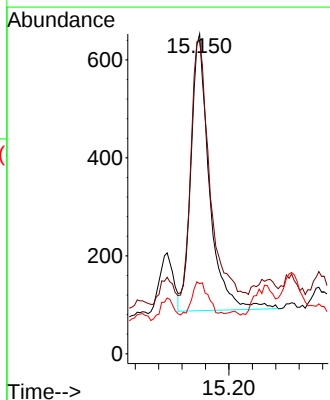
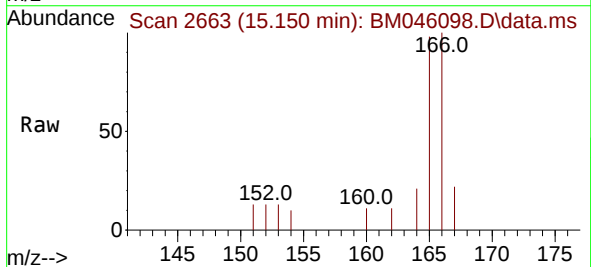
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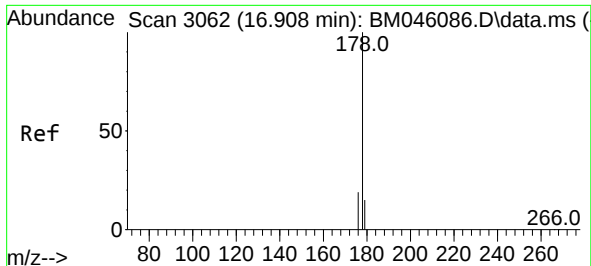
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#12
Fluorene
Concen: 0.070 ng/ul
RT: 15.150 min Scan# 2663
Delta R.T. -0.031 min
Lab File: BM046098.D
Acq: 19 Jun 2024 22:30

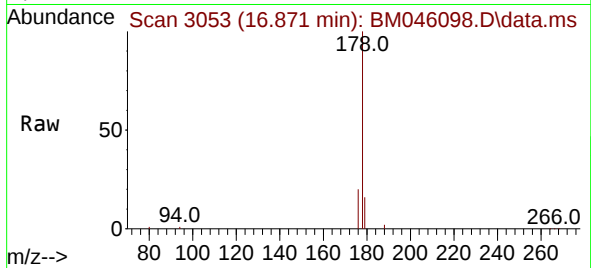
Tgt Ion:166 Resp: 1228
Ion Ratio Lower Upper
166 100
165 97.5 80.4 120.6
167 21.9 12.4 18.6#





#15
Phenanthrene
Concen: 1.180 ng/u1
RT: 16.871 min Scan# 3062
Delta R.T. -0.032 min
Lab File: BM046098.D
Acq: 19 Jun 2024 22:30

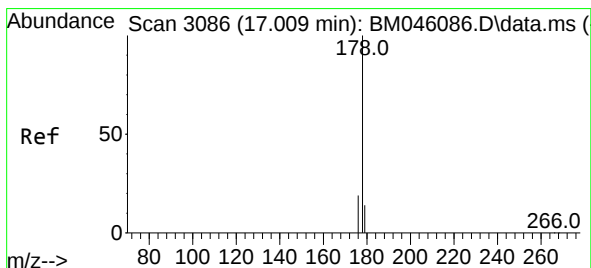
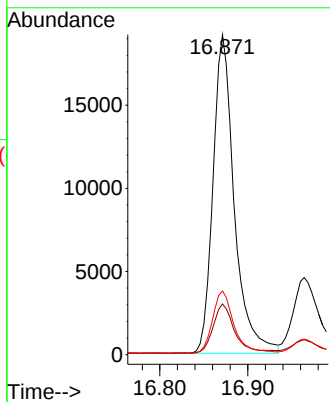
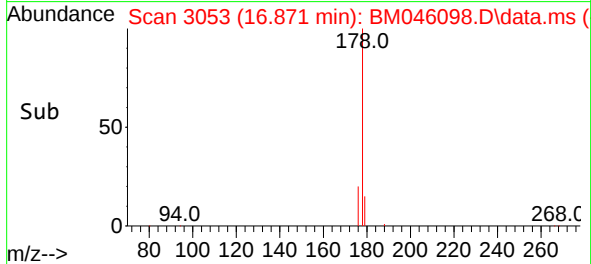
Instrument :
BNA_M
ClientSampleId :
A4BK5DL



Tgt Ion:178 Resp: 3217
Ion Ratio Lower Upper
178 100
179 15.9 14.2 21.2
176 19.9 17.1 25.7

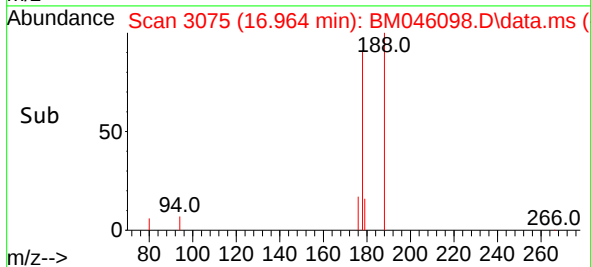
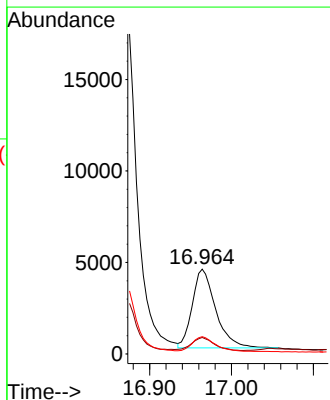
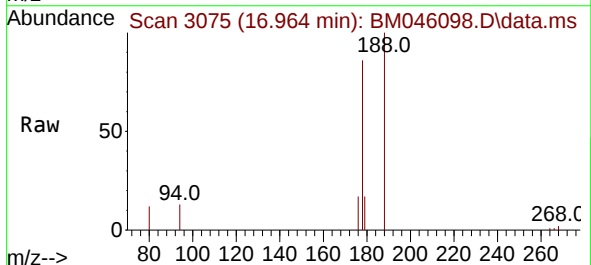
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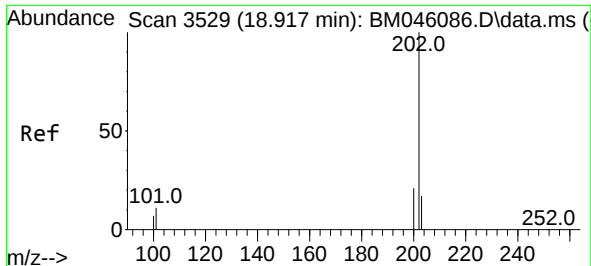
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#16
Anthracene
Concen: 0.421 ng/u1
RT: 16.964 min Scan# 3075
Delta R.T. -0.041 min
Lab File: BM046098.D
Acq: 19 Jun 2024 22:30

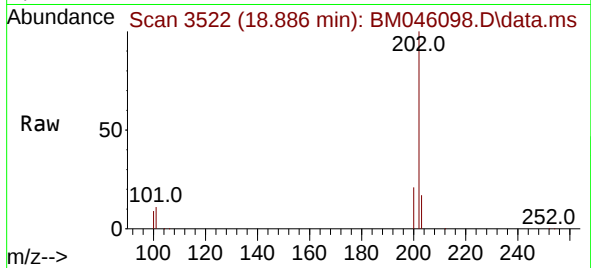
Tgt Ion:178 Resp: 8550
Ion Ratio Lower Upper
178 100
179 19.4 14.9 22.3
176 20.3 17.0 25.4





#19
Fluoranthene
Concen: 2.271 ng/ul
RT: 18.886 min Scan# 3522
Delta R.T. -0.031 min
Lab File: BM046098.D
Acq: 19 Jun 2024 22:30

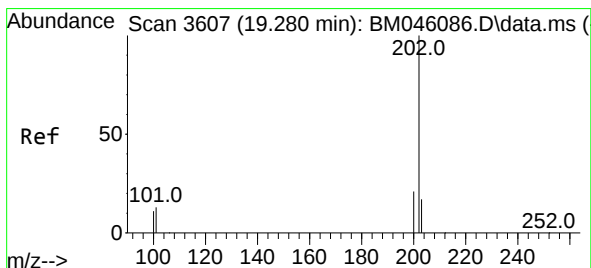
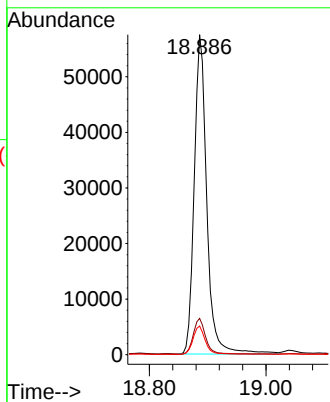
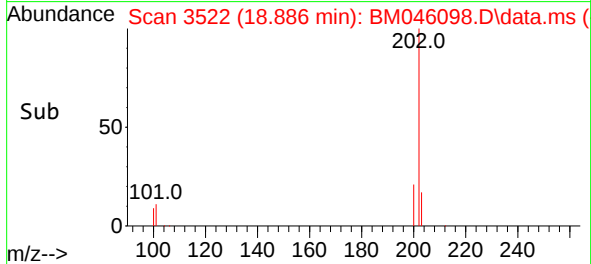
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BNA_M
ClientSampleId :
A4BK5DL



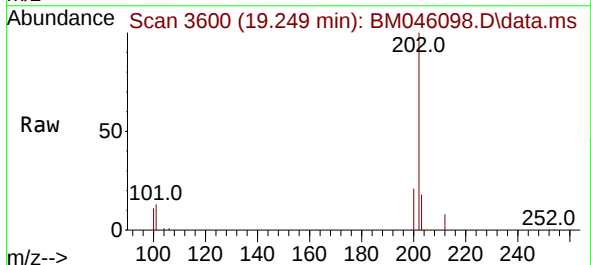
Tgt Ion:202 Resp: 85910
Ion Ratio Lower Upper
202 100
101 11.4 9.6 14.4
100 8.9 7.6 11.4

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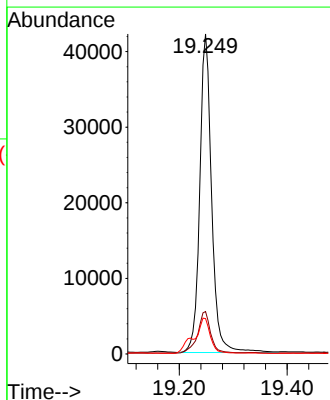
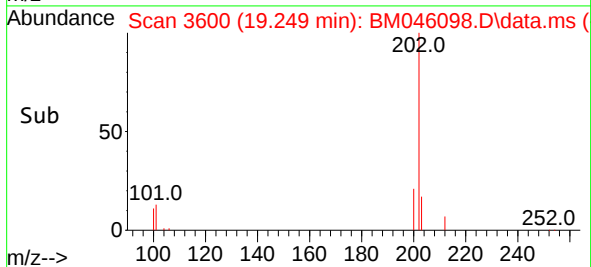
Reviewed By :Jagrut Upadhyay 06/20/2024
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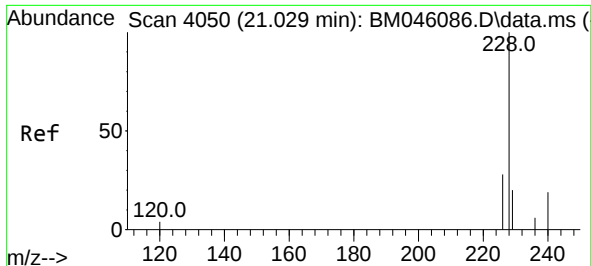


#20
Pyrene
Concen: 1.571 ng/ul
RT: 19.249 min Scan# 3600
Delta R.T. -0.026 min
Lab File: BM046098.D
Acq: 19 Jun 2024 22:30



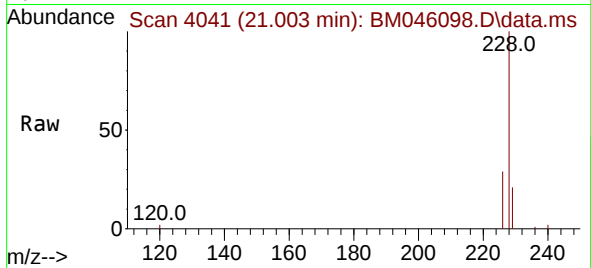
Tgt Ion:202 Resp: 64261
Ion Ratio Lower Upper
202 100
101 13.3 11.3 16.9
100 11.0 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.197 ng/ul
RT: 21.003 min Scan# 4041
Delta R.T. -0.027 min
Lab File: BM046098.D
Acq: 19 Jun 2024 22:30

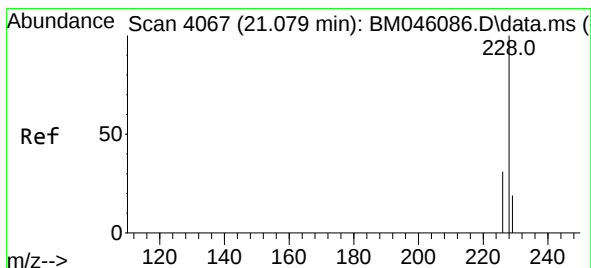
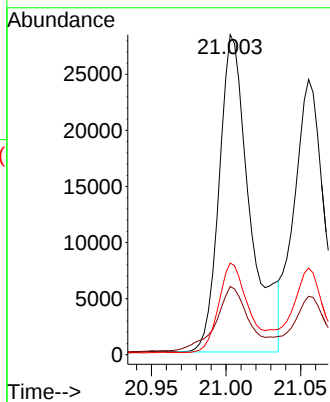
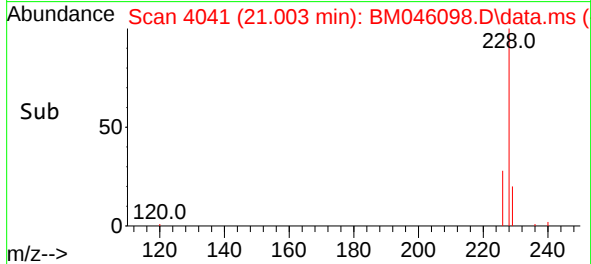
Instrument :
BNA_M
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A4BK5DL



Tgt Ion:228 Resp: 40394
Ion Ratio Lower Upper
228 100
229 21.3 16.4 24.6
226 28.7 23.4 35.2

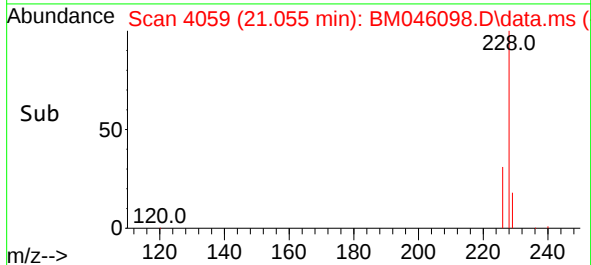
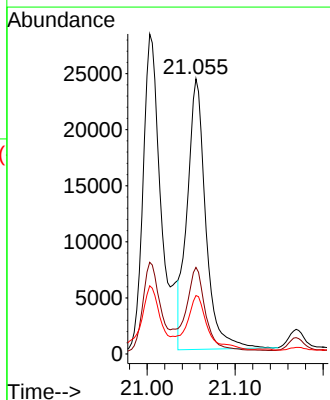
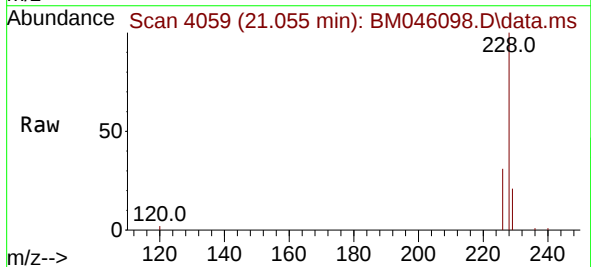
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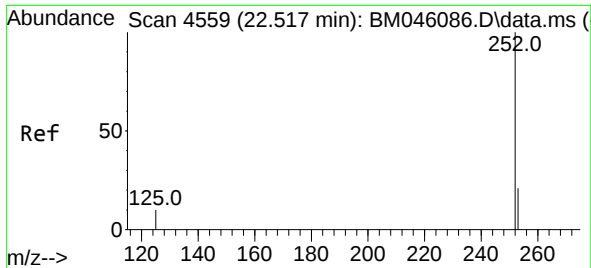
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#22
Chrysene
Concen: 0.820 ng/ul
RT: 21.055 min Scan# 4059
Delta R.T. -0.021 min
Lab File: BM046098.D
Acq: 19 Jun 2024 22:30

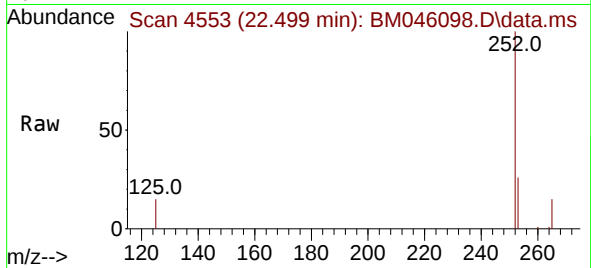
Tgt Ion:228 Resp: 35298
Ion Ratio Lower Upper
228 100
226 31.4 25.2 37.8
229 21.2 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 1.223 ng/ul m
RT: 22.499 min Scan# 4553
Delta R.T. -0.021 min
Lab File: BM046098.D
Acq: 19 Jun 2024 22:30

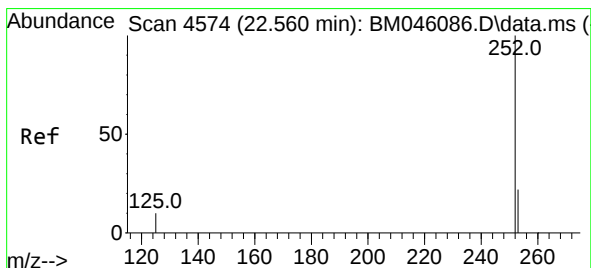
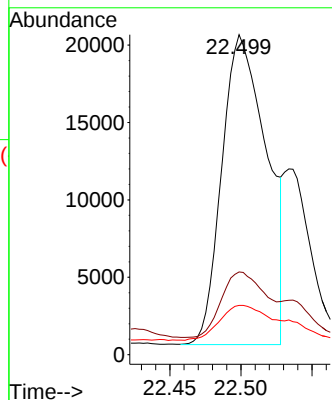
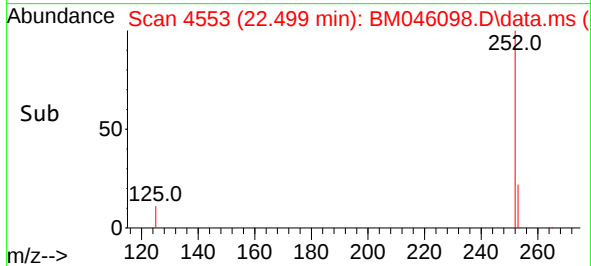
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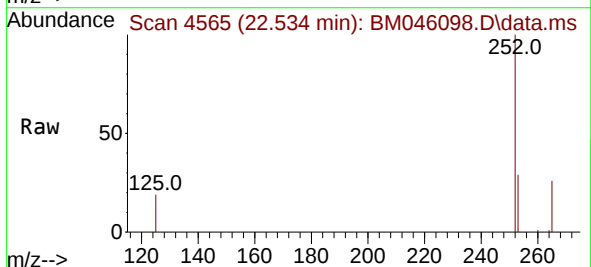
Tgt Ion:252 Resp: 43930
Ion Ratio Lower Upper
252 100
253 25.9 0.0 65.8
125 15.4 0.0 40.2

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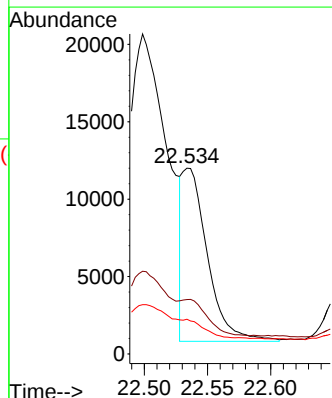
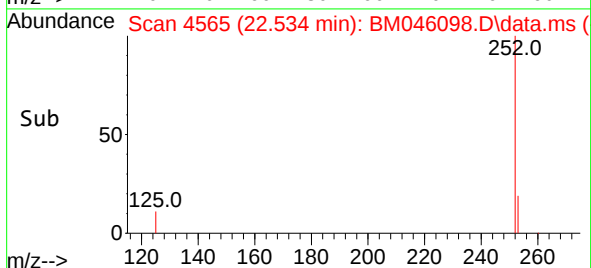
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

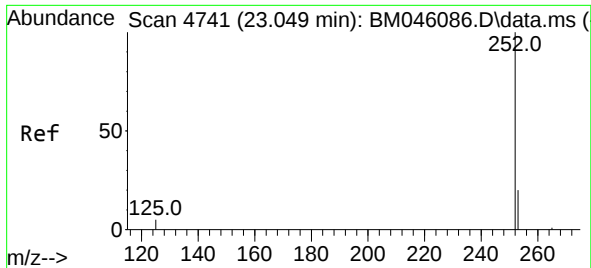


#25
Benzo(k)fluoranthene
Concen: 0.362 ng/ul m
RT: 22.534 min Scan# 4565
Delta R.T. -0.030 min
Lab File: BM046098.D
Acq: 19 Jun 2024 22:30



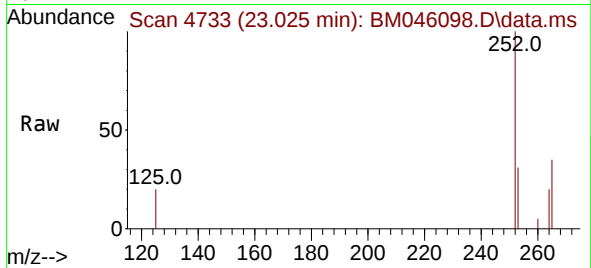
Tgt Ion:252 Resp: 15466
Ion Ratio Lower Upper
252 100
253 29.3 27.2 40.8
125 18.7 16.6 25.0





#26
Benzo(a)pyrene
Concen: 0.516 ng/ul m
RT: 23.025 min Scan# 4
Delta R.T. -0.030 min
Lab File: BM046098.D
Acq: 19 Jun 2024 22:30

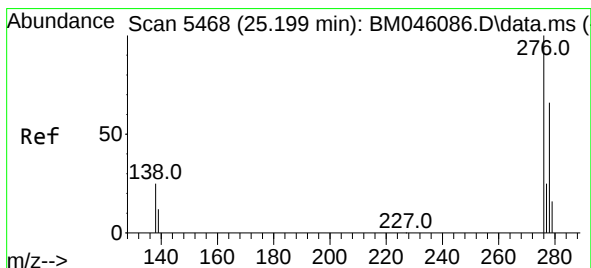
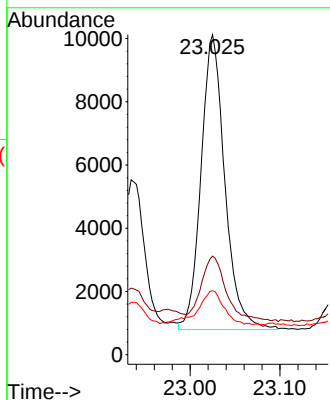
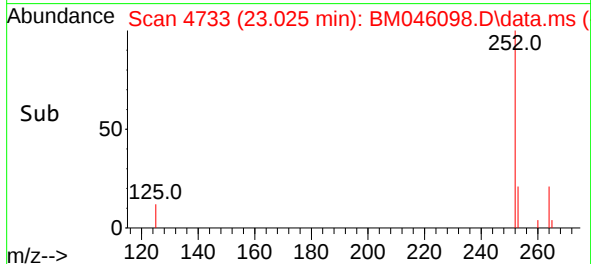
Instrument :
BNA_M
ClientSampleId :
A4BK5DL



Tgt Ion:252 Resp: 1718
Ion Ratio Lower Upper
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125 19.9 21.2 31.8

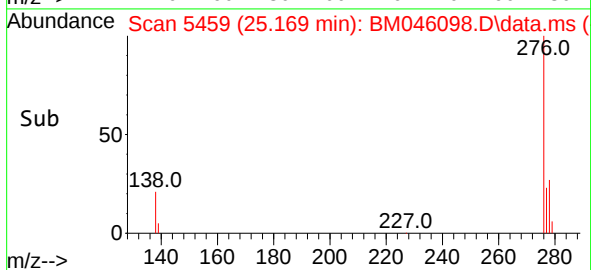
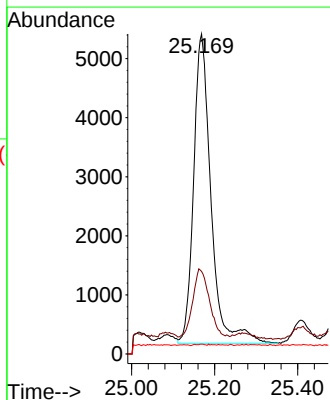
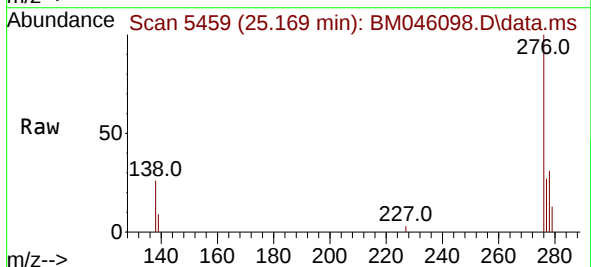
Manual Integrations
APPROVED

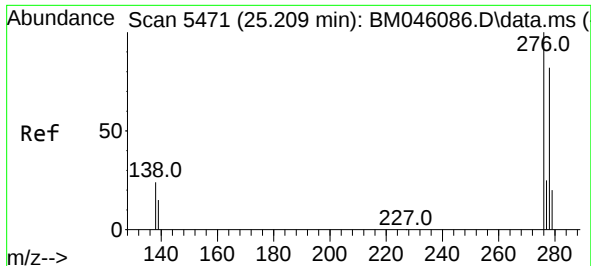
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.278 ng/ul
RT: 25.169 min Scan# 5459
Delta R.T. -0.034 min
Lab File: BM046098.D
Acq: 19 Jun 2024 22:30

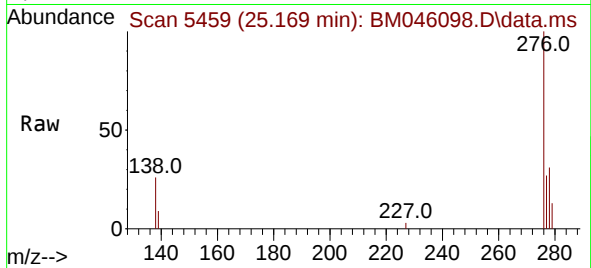
Tgt Ion:276 Resp: 15164
Ion Ratio Lower Upper
276 100
138 21.4 21.0 31.4
227 0.1 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.119 ng/ul
RT: 25.169 min Scan# 5471
Delta R.T. -0.047 min
Lab File: BM046098.D
Acq: 19 Jun 2024 22:30

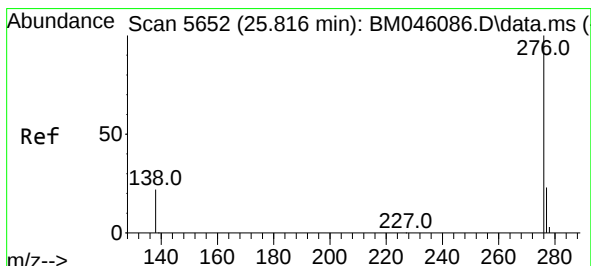
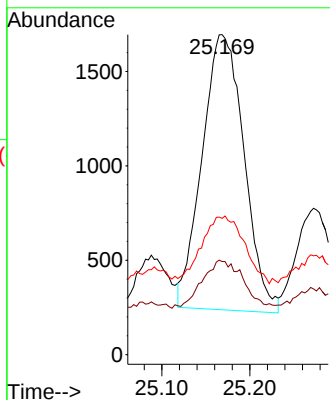
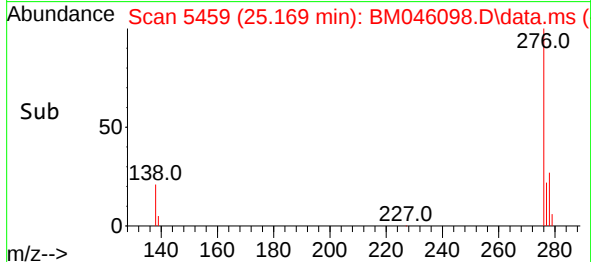
Instrument :
BNA_M
ClientSampleId :
A4BK5DL



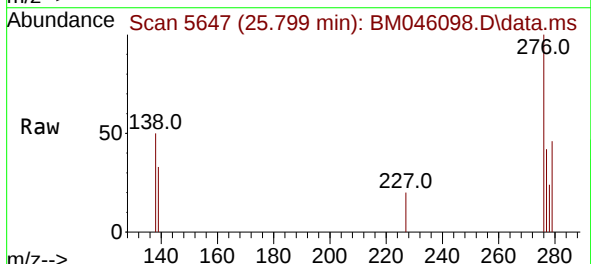
Tgt Ion:278 Resp: 483
Ion Ratio Lower Upper
278 100
139 29.1 17.6 26.4#
279 42.6 26.3 39.5#

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.045 ng/ul
RT: 25.799 min Scan# 5647
Delta R.T. -0.030 min
Lab File: BM046098.D
Acq: 19 Jun 2024 22:30



Tgt Ion:276 Resp: 2086
Ion Ratio Lower Upper
276 100
138 50.1 21.7 32.5#
277 42.2 20.4 30.6#

