

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046159.D
 Acq On : 21 Jun 2024 14:32
 Operator : MA/JU
 Sample : P2754-01DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BP2DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 15:04:33 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	7.426	152	2417	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.226	136	6799	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.080	164	3938	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.823	188	7704	0.400	ng/ul	-0.04
17) Chrysene-d12	21.018	240	7117	0.400	ng/ul	-0.03
23) Perylene-d12	23.110	264	8451m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	2564	0.773	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.854	152	462	0.051	ng/ul	-0.01
18) Fluoranthene-d10	18.852	212	1265	0.059	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.275	128	782	0.041	ng/ul#	62
10) Acenaphthylene	13.802	152	1941	0.104	ng/ul#	86
11) Acenaphthene	14.140	153	708	0.053	ng/ul#	93
12) Fluorene	15.139	166	889	0.061	ng/ul#	96
15) Phenanthrene	16.866	178	20139	0.930	ng/ul	97
16) Anthracene	16.954	178	3688	0.229	ng/ul#	92
19) Fluoranthene	18.880	202	57228	1.857	ng/ul	98
20) Pyrene	19.243	202	41956	1.259	ng/ul	98
21) Benzo(a)anthracene	21.003	228	25277	0.919	ng/ul	98
22) Chrysene	21.053	228	27934	0.796	ng/ul	98
24) Benzo(b)fluoranthene	22.493	252	47395m	1.557	ng/ul	
25) Benzo(k)fluoranthene	22.531	252	17893m	0.494	ng/ul	
26) Benzo(a)pyrene	23.022	252	15507	0.550	ng/ul	90
27) Indeno(1,2,3-cd)pyrene	25.162	276	17919	0.388	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.166	278	5350	0.156	ng/ul#	81
29) Benzo(g,h,i)perylene	25.786	276	2589	0.065	ng/ul#	60

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

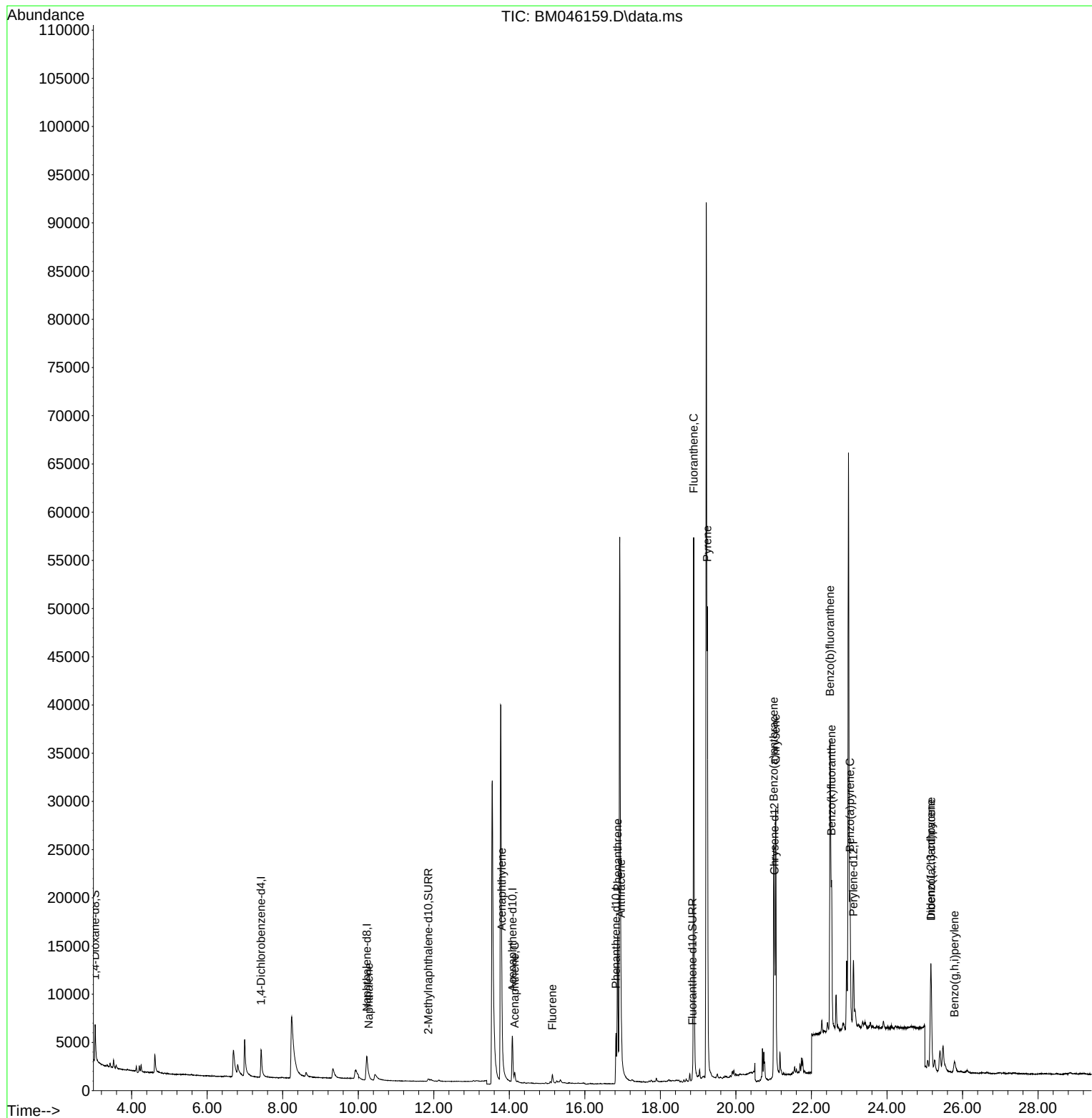
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046159.D
Acq On : 21 Jun 2024 14:32
Operator : MA/JU
Sample : P2754-01DL 5X
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ALS Vial : 12 Sample Multiplier: 1

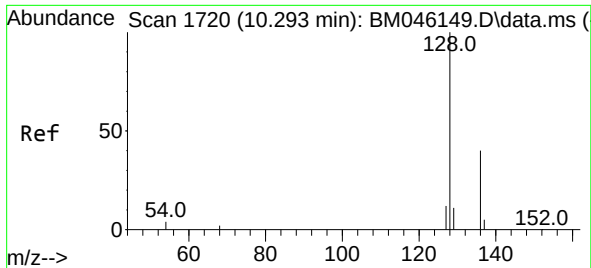
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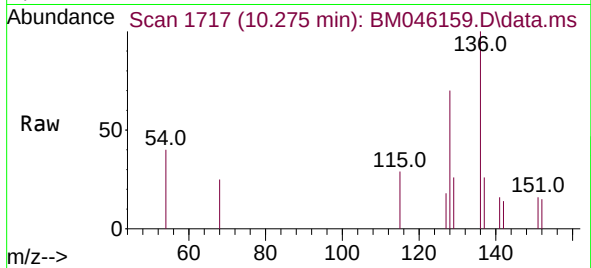
Quant Time: Jun 21 15:04:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.041 ng/ul
RT: 10.275 min Scan# 1717
Delta R.T. -0.027 min
Lab File: BM046159.D
Acq: 21 Jun 2024 14:32

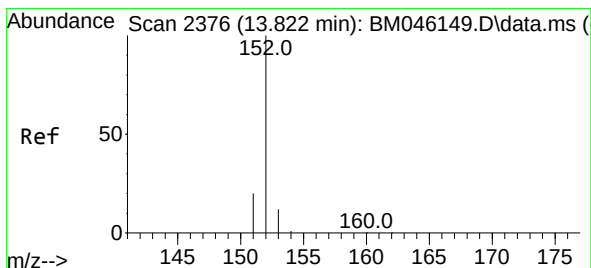
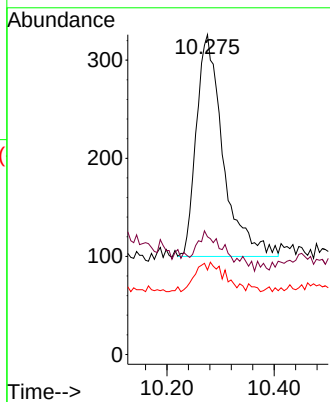
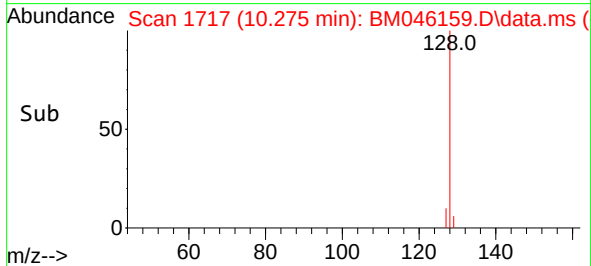
Instrument :
BNA_M
ClientSampleId :
A4BP2DL



Tgt Ion:128 Resp: 782
Ion Ratio Lower Upper
128 100
129 36.8 11.8 17.6#
127 26.4 12.8 19.2#

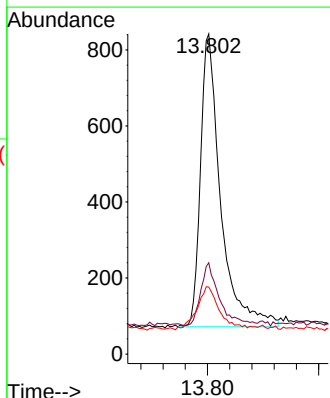
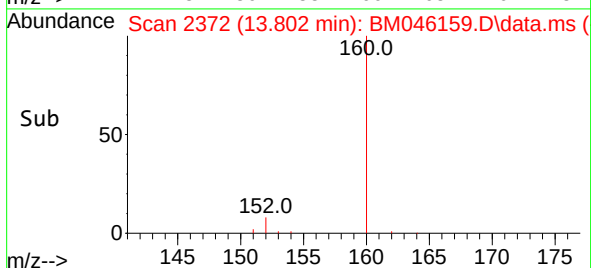
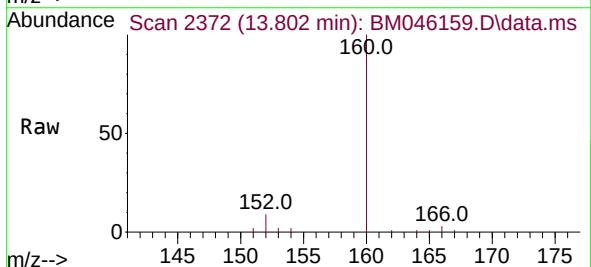
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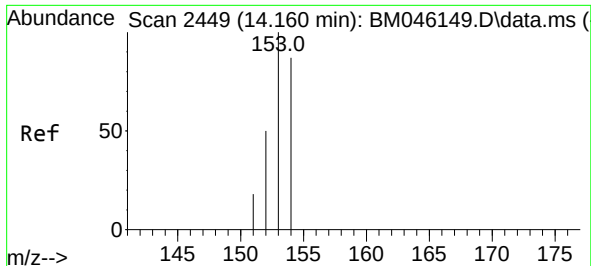
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#10
Acenaphthylene
Concen: 0.104 ng/ul
RT: 13.802 min Scan# 2372
Delta R.T. -0.032 min
Lab File: BM046159.D
Acq: 21 Jun 2024 14:32

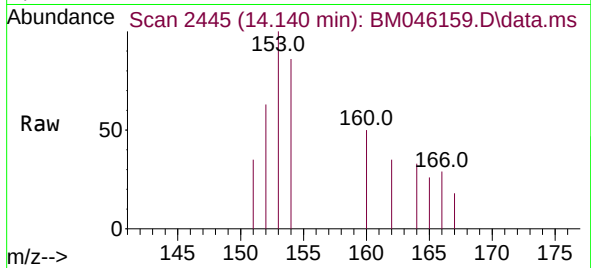
Tgt Ion:152 Resp: 1941
Ion Ratio Lower Upper
152 100
151 28.5 17.4 26.2#
153 20.9 11.8 17.8#





#11
Acenaphthene
Concen: 0.053 ng/u1
RT: 14.140 min Scan# 2445
Delta R.T. -0.032 min
Lab File: BM046159.D
Acq: 21 Jun 2024 14:32

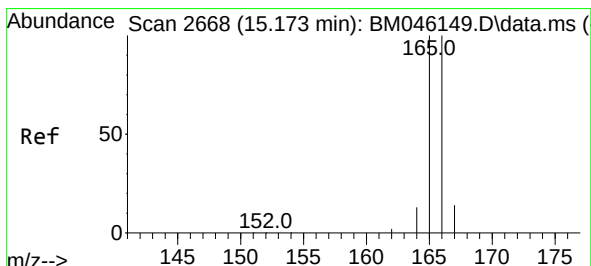
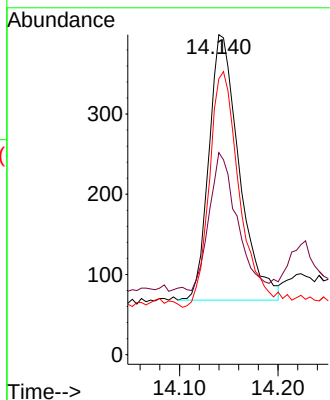
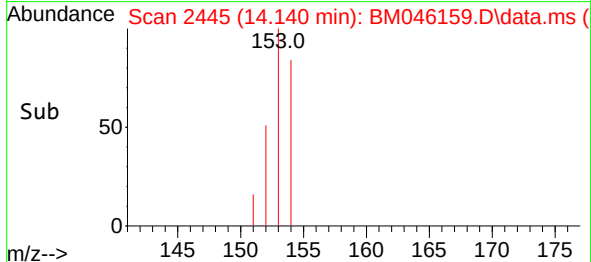
Instrument :
BNA_M
ClientSampleId :
A4BP2DL



Tgt Ion:153 Resp: 708
Ion Ratio Lower Upper
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152 63.2 41.3 61.9
154 86.2 68.2 102.4

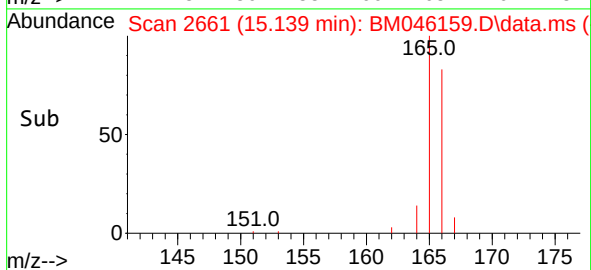
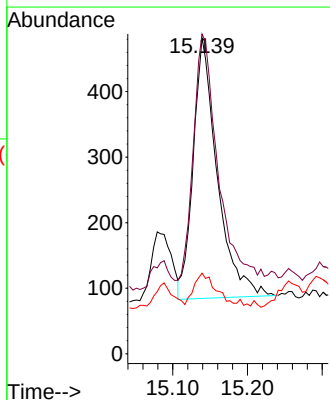
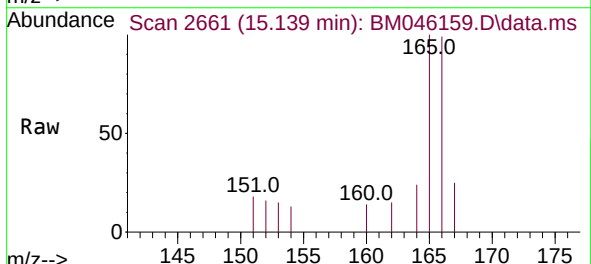
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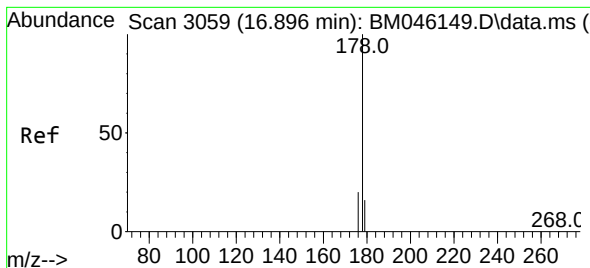
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#12
Fluorene
Concen: 0.061 ng/u1
RT: 15.139 min Scan# 2661
Delta R.T. -0.042 min
Lab File: BM046159.D
Acq: 21 Jun 2024 14:32

Tgt Ion:166 Resp: 889
Ion Ratio Lower Upper
166 100
165 101.2 80.4 120.6
167 25.5 12.4 18.6#





#15

Phenanthrene

Concen: 0.930 ng/u1

RT: 16.866 min Scan# 3059

Delta R.T. -0.038 min

Lab File: BM046159.D

Acq: 21 Jun 2024 14:32

Instrument :

BNA_M

ClientSampleId :

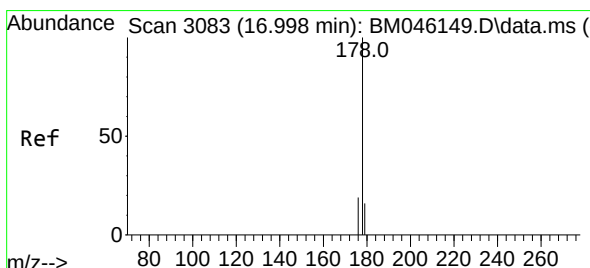
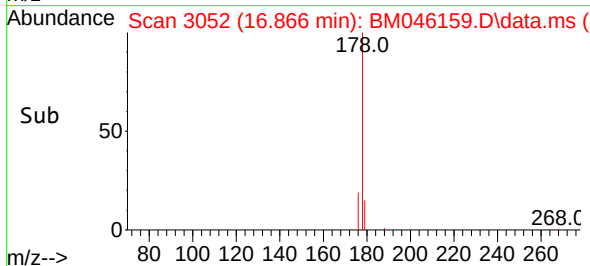
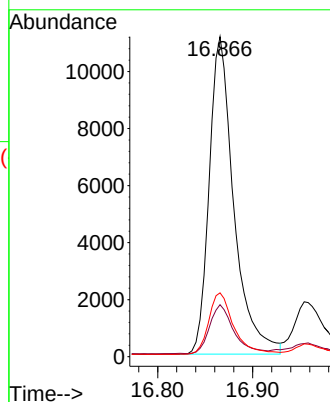
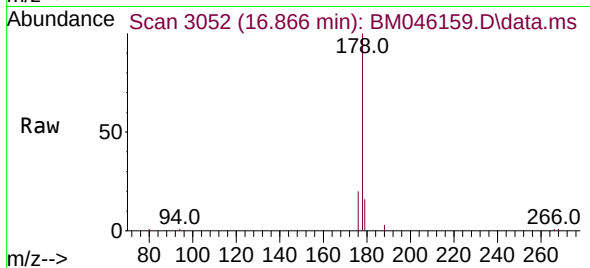
A4BP2DL

Tgt Ion:	178	Resp:	20139
Ion Ratio	Lower	Upper	
178	100		
179	16.2	14.2	21.2
176	19.9	17.1	25.7

Manual Integrations

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#16

Anthracene

Concen: 0.229 ng/u1

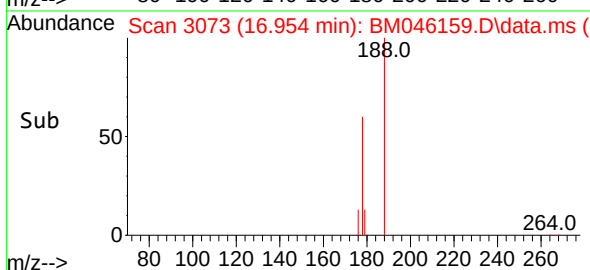
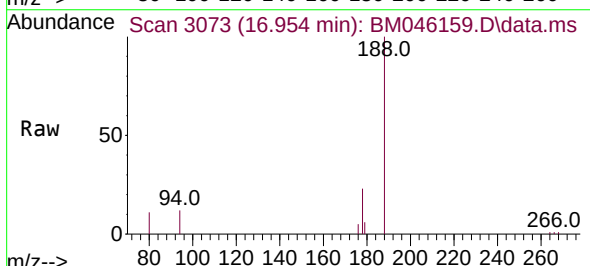
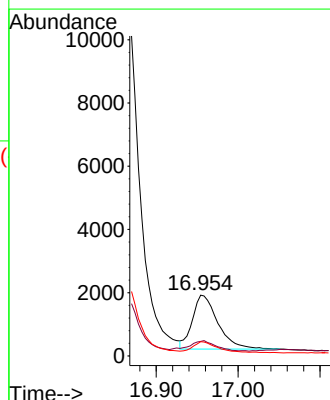
RT: 16.954 min Scan# 3073

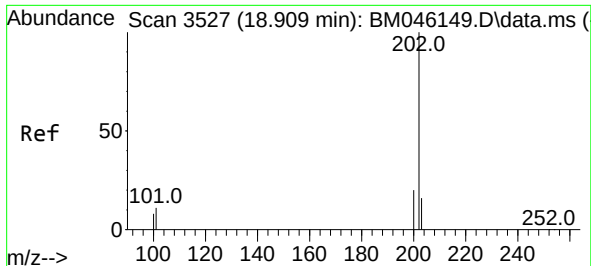
Delta R.T. -0.051 min

Lab File: BM046159.D

Acq: 21 Jun 2024 14:32

Tgt Ion:	178	Resp:	3688
Ion Ratio	Lower	Upper	
178	100		
179	24.0	14.9	22.3#
176	23.4	17.0	25.4





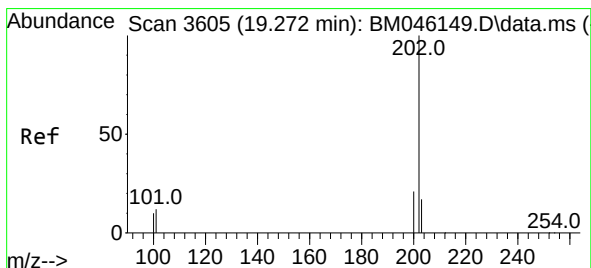
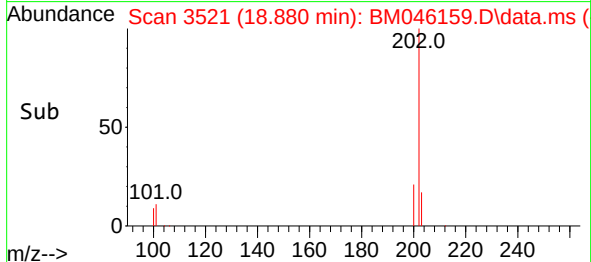
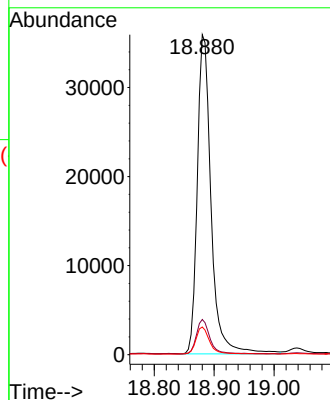
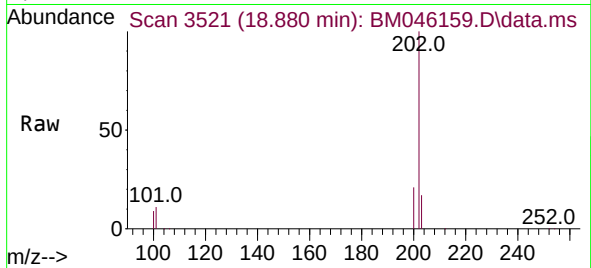
#19
Fluoranthene
Concen: 1.857 ng/u1
RT: 18.880 min Scan# 3521
Delta R.T. -0.037 min
Lab File: BM046159.D
Acq: 21 Jun 2024 14:32

Instrument :
BNA_M
ClientSampleId :
A4BP2DL

Tgt Ion:202 Resp: 57228
Ion Ratio Lower Upper
202 100
101 11.0 9.6 14.4
100 8.7 7.6 11.4

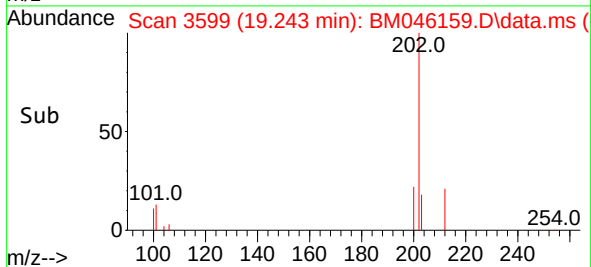
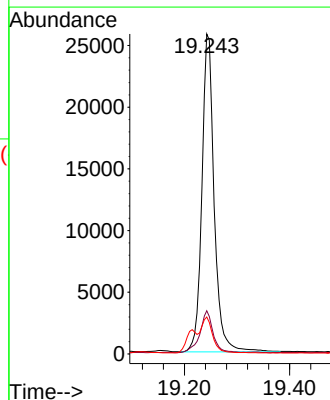
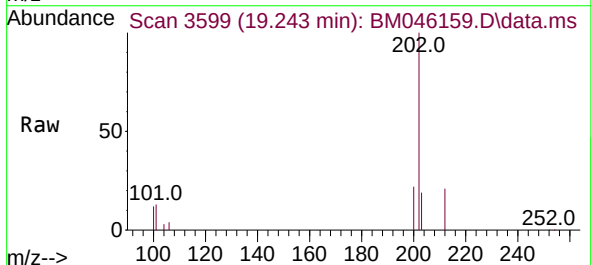
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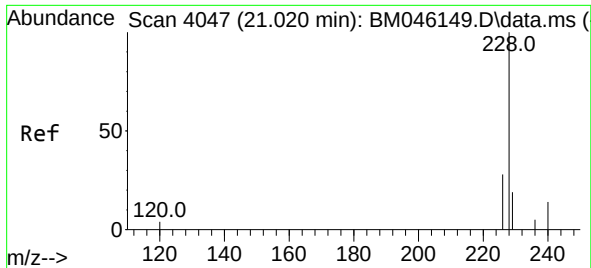
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#20
Pyrene
Concen: 1.259 ng/u1
RT: 19.243 min Scan# 3599
Delta R.T. -0.032 min
Lab File: BM046159.D
Acq: 21 Jun 2024 14:32

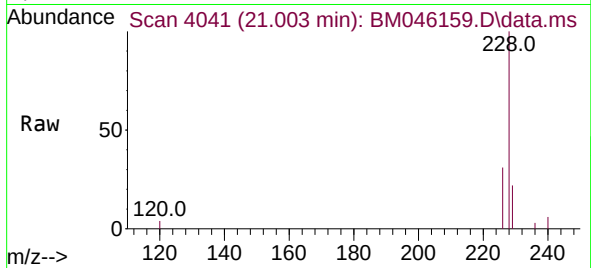
Tgt Ion:202 Resp: 41956
Ion Ratio Lower Upper
202 100
101 13.5 11.3 16.9
100 11.5 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.919 ng/ul
RT: 21.003 min Scan# 4041
Delta R.T. -0.026 min
Lab File: BM046159.D
Acq: 21 Jun 2024 14:32

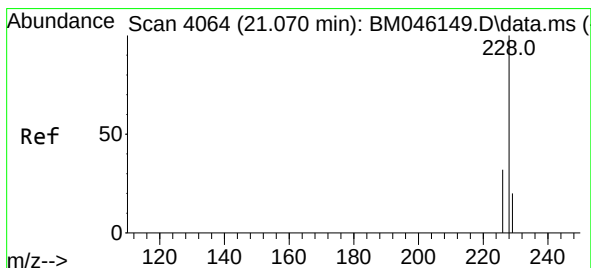
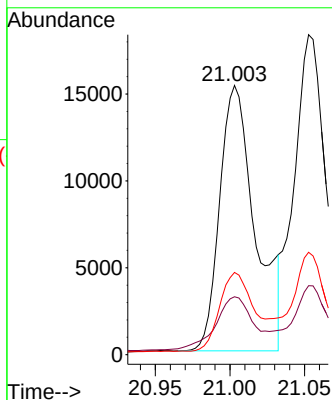
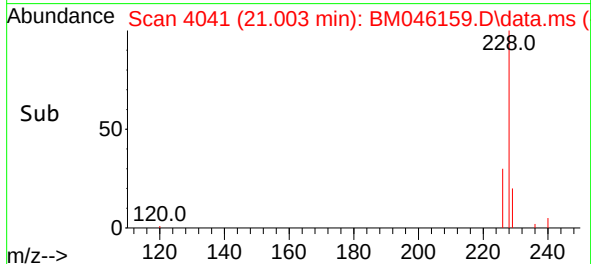
Instrument :
BNA_M
ClientSampleId :
A4BP2DL



Tgt Ion:228 Resp: 2527
Ion Ratio Lower Upper
228 100
229 21.5 16.4 24.6
226 30.5 23.4 35.2

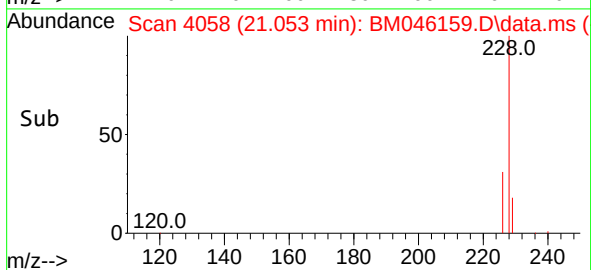
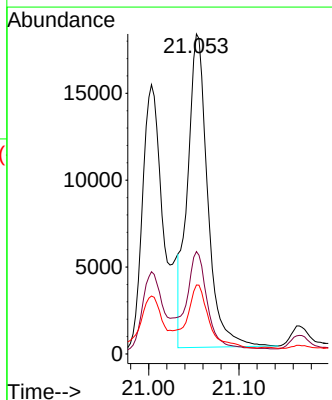
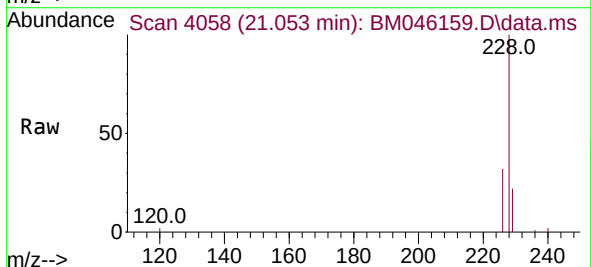
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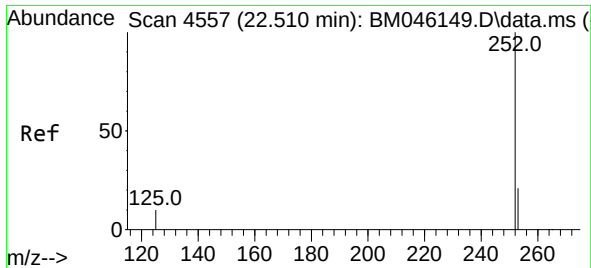
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#22
Chrysene
Concen: 0.796 ng/ul
RT: 21.053 min Scan# 4058
Delta R.T. -0.023 min
Lab File: BM046159.D
Acq: 21 Jun 2024 14:32

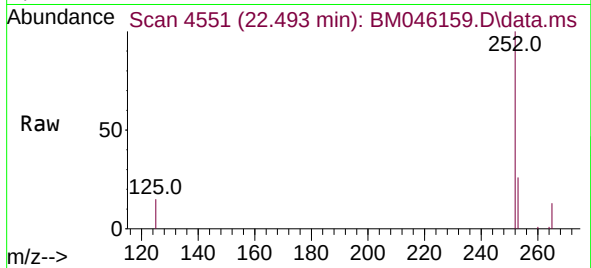
Tgt Ion:228 Resp: 27934
Ion Ratio Lower Upper
228 100
226 32.0 25.2 37.8
229 21.5 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 1.557 ng/ul m
RT: 22.493 min Scan# 4551
Delta R.T. -0.026 min
Lab File: BM046159.D
Acq: 21 Jun 2024 14:32

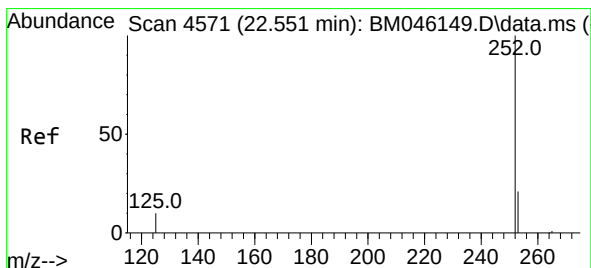
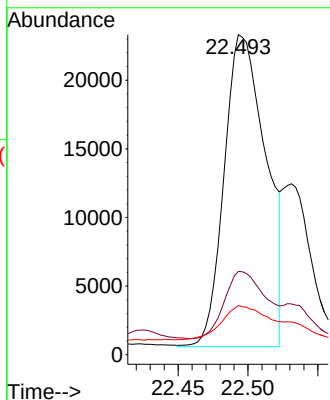
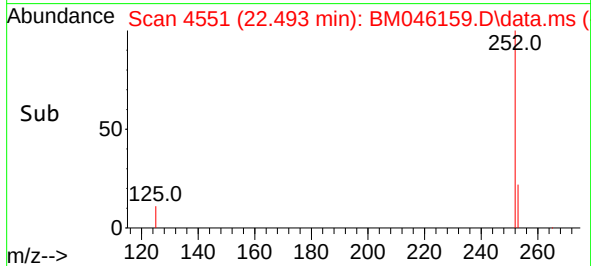
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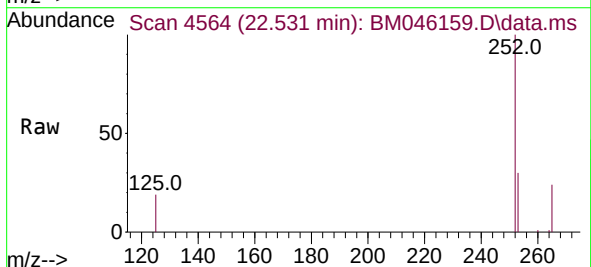
Tgt Ion:252 Resp: 47395
Ion Ratio Lower Upper
252 100
253 26.0 0.0 65.8
125 15.4 0.0 40.2

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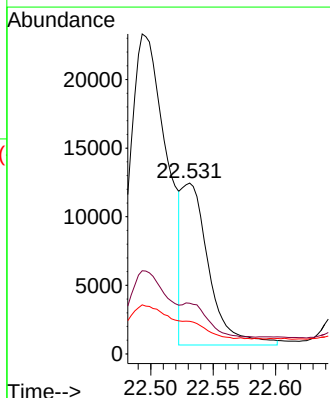
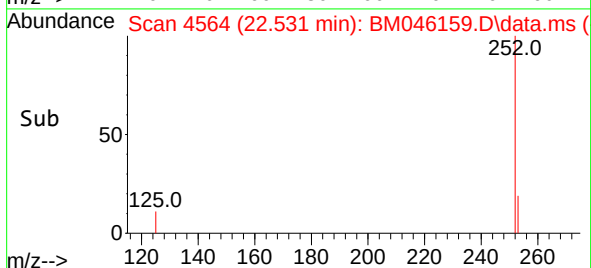
Reviewed By :Jagrut Upadhyay 06/21/2024
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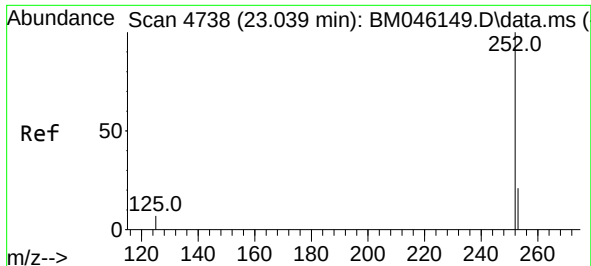


#25
Benzo(k)fluoranthene
Concen: 0.494 ng/ul m
RT: 22.531 min Scan# 4564
Delta R.T. -0.032 min
Lab File: BM046159.D
Acq: 21 Jun 2024 14:32



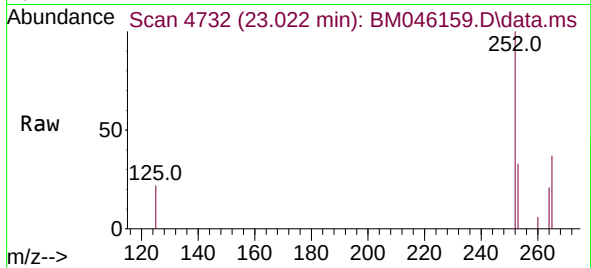
Tgt Ion:252 Resp: 17893
Ion Ratio Lower Upper
252 100
253 29.7 27.2 40.8
125 19.1 16.6 25.0





#26
Benzo(a)pyrene
Concen: 0.550 ng/ul
RT: 23.022 min Scan# 41
Delta R.T. -0.032 min
Lab File: BM046159.D
Acq: 21 Jun 2024 14:32

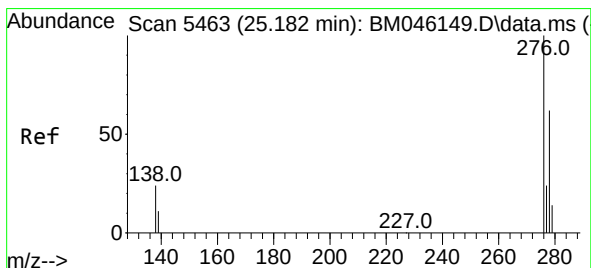
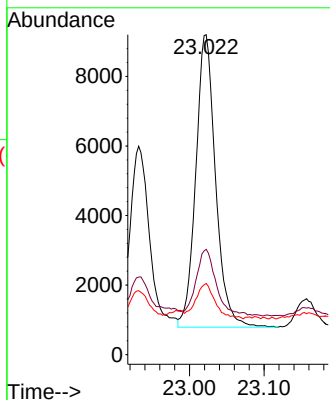
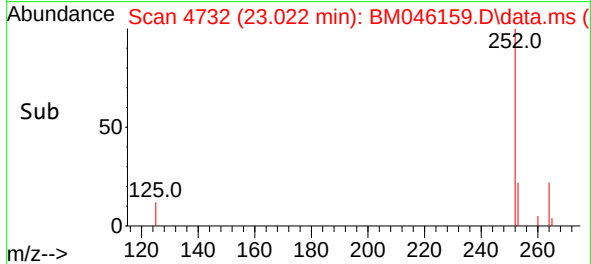
Instrument :
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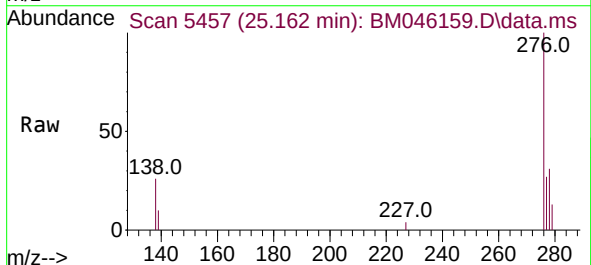
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125 22.2 21.2 31.8

Manual Integrations
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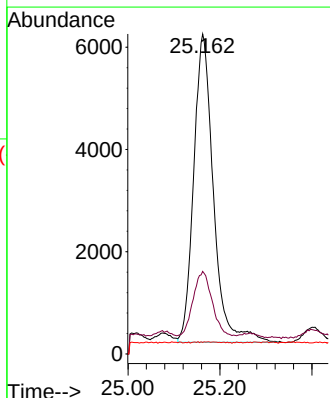
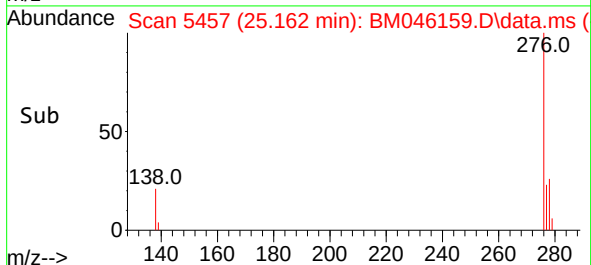
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

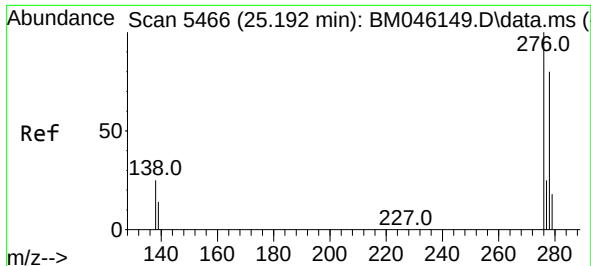


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.388 ng/ul
RT: 25.162 min Scan# 5457
Delta R.T. -0.040 min
Lab File: BM046159.D
Acq: 21 Jun 2024 14:32



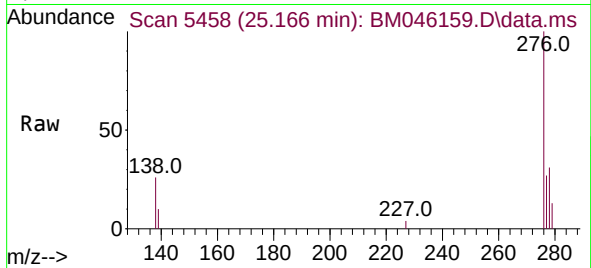
Tgt Ion:276 Resp: 17919
Ion Ratio Lower Upper
276 100
138 20.8 21.0 31.4#
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.156 ng/ul
RT: 25.166 min Scan# 5466
Delta R.T. -0.050 min
Lab File: BM046159.D
Acq: 21 Jun 2024 14:32

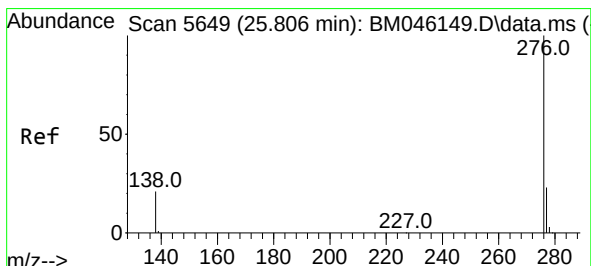
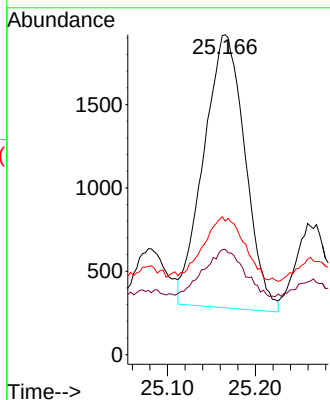
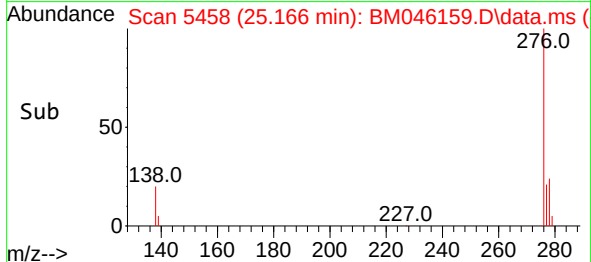
Instrument :
BNA_M
ClientSampleId :
A4BP2DL



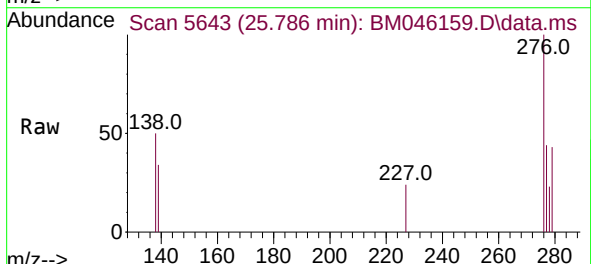
Tgt Ion:278 Resp: 5350
Ion Ratio Lower Upper
278 100
139 32.9 17.6 26.4#
279 41.8 26.3 39.5#

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.065 ng/ul
RT: 25.786 min Scan# 5643
Delta R.T. -0.044 min
Lab File: BM046159.D
Acq: 21 Jun 2024 14:32



Tgt Ion:276 Resp: 2589
Ion Ratio Lower Upper
276 100
138 50.0 21.7 32.5#
277 43.8 20.4 30.6#

