

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
 Data File : BM045959.D
 Acq On : 10 Jun 2024 20:11
 Operator : MA/JU
 Sample : P2642-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B39

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 10 22:48:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 22:47:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.459	152	4680	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.227	136	15181	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.104	164	7468	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.846	188	14308m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.043	240	10455m	0.400	ng/ul	0.00
23) Perylene-d12	23.148	264	11274m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.054	96	19804	3.715	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.844	152	4564	0.209	ng/ul	0.00
18) Fluoranthene-d10	18.877	212	7641	0.244	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.277	128	1168	0.029	ng/ul#	77
10) Acenaphthylene	13.822	152	2186	0.064	ng/ul#	88
11) Acenaphthene	14.169	153	1594	0.064	ng/ul	97
12) Fluorene	15.154	166	1742	0.062	ng/ul#	97
15) Phenanthrene	16.888	178	29844m	0.743	ng/ul	
16) Anthracene	16.977	178	5770m	0.168	ng/ul	
19) Fluoranthene	18.909	202	50426	1.210	ng/ul	97
20) Pyrene	19.272	202	48547	1.116	ng/ul	97
21) Benzo(a)anthracene	21.026	228	21040	0.548	ng/ul	97
22) Chrysene	21.078	228	23776	0.569	ng/ul	98
24) Benzo(b)fluoranthene	22.525	252	30513m	0.816	ng/ul	
25) Benzo(k)fluoranthene	22.560	252	11791m	0.287	ng/ul	
26) Benzo(a)pyrene	23.051	252	21987	0.591	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.205	276	16083	0.334	ng/ul	91
28) Dibenzo(a,h)anthracene	25.209	278	3752	0.098	ng/ul#	61
29) Benzo(g,h,i)perylene	25.836	276	17372	0.419	ng/ul	100

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

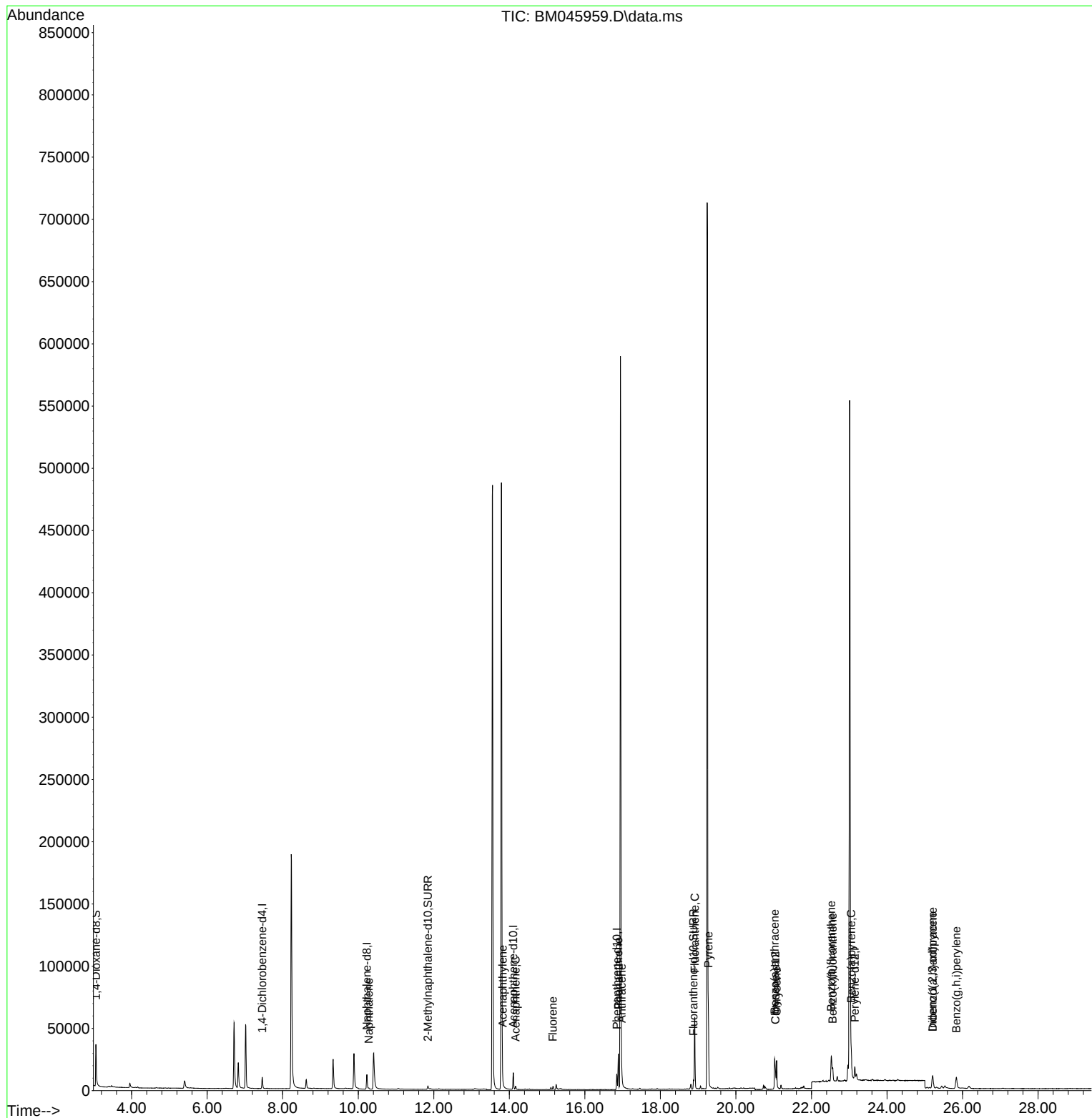
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045959.D
Acq On : 10 Jun 2024 20:11
Operator : MA/JU
Sample : P2642-17
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ALS Vial : 19 Sample Multiplier: 1

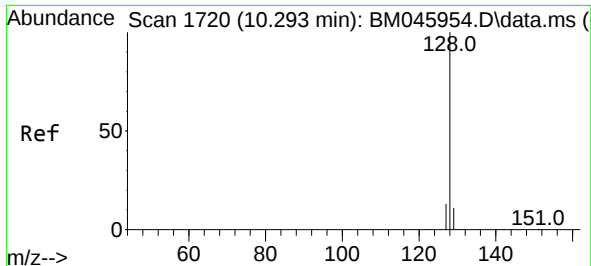
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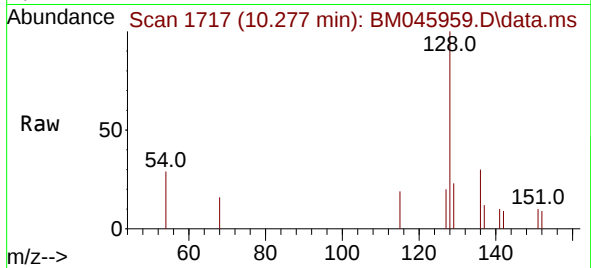
Quant Time: Jun 10 22:48:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 22:47:12 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.029 ng/ul
RT: 10.277 min Scan# 1717
Delta R.T. -0.026 min
Lab File: BM045959.D
Acq: 10 Jun 2024 20:11

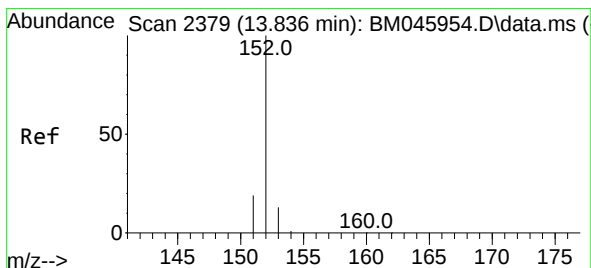
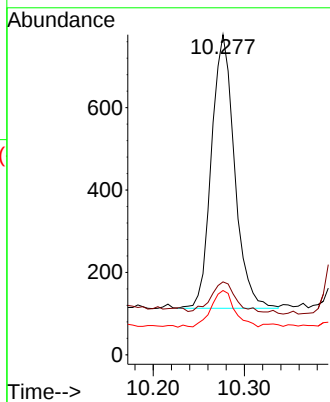
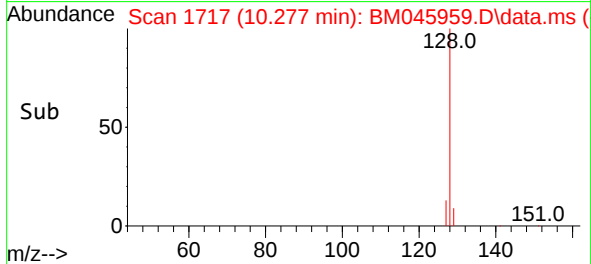
Instrument :
BNA_M
ClientSampleId :
A4B39



Tgt Ion:128 Resp: 1168
Ion Ratio Lower Upper
128 100
129 22.8 9.4 14.0#
127 20.1 10.6 15.8#

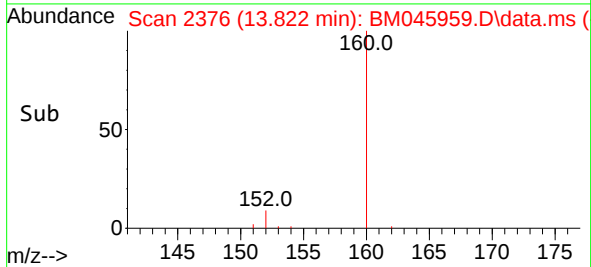
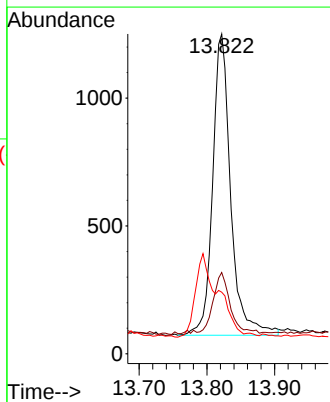
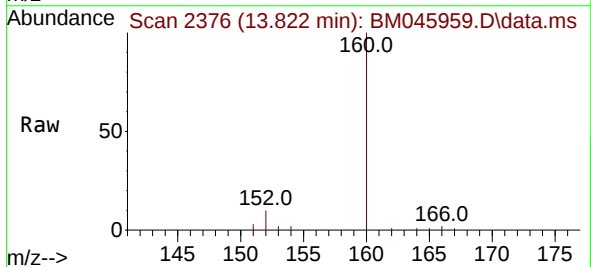
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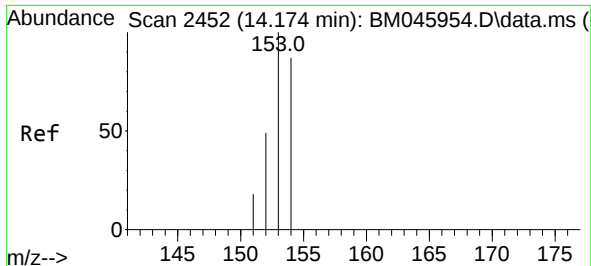
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#10
Acenaphthylene
Concen: 0.064 ng/ul
RT: 13.822 min Scan# 2376
Delta R.T. -0.017 min
Lab File: BM045959.D
Acq: 10 Jun 2024 20:11

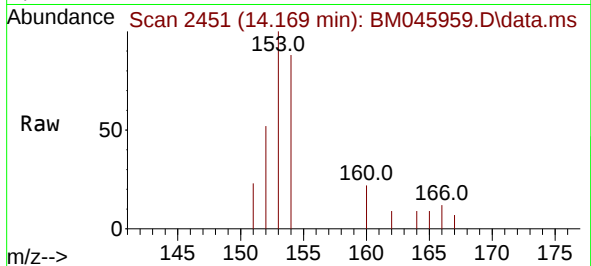
Tgt Ion:152 Resp: 2186
Ion Ratio Lower Upper
152 100
151 25.4 16.4 24.6#
153 19.3 11.1 16.7#





#11
Acenaphthene
Concen: 0.064 ng/u1
RT: 14.169 min Scan# 2451
Delta R.T. -0.013 min
Lab File: BM045959.D
Acq: 10 Jun 2024 20:11

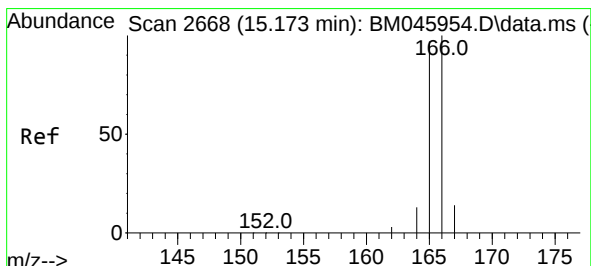
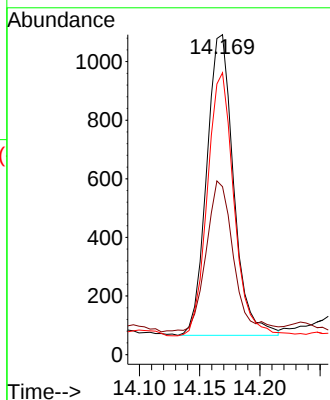
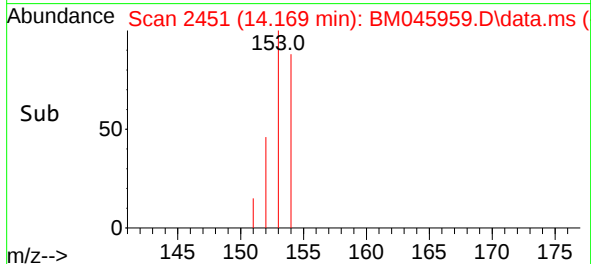
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Tgt Ion:153 Resp: 1594
Ion Ratio Lower Upper
153 100
152 52.5 39.0 58.4
154 88.1 69.4 104.2

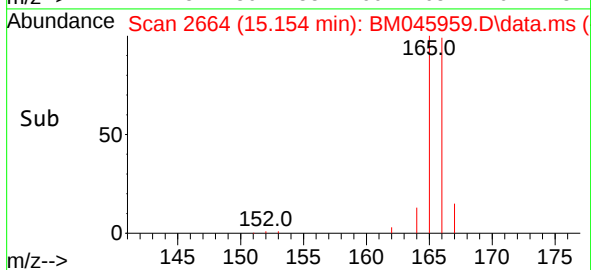
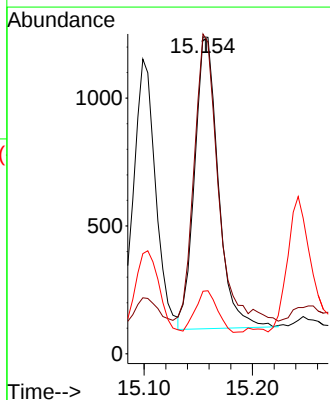
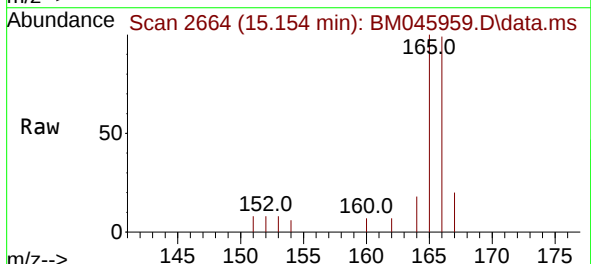
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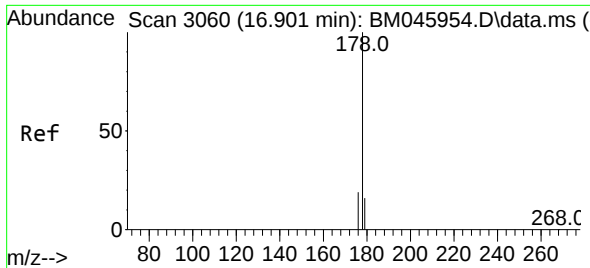
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#12
Fluorene
Concen: 0.062 ng/u1
RT: 15.154 min Scan# 2664
Delta R.T. -0.022 min
Lab File: BM045959.D
Acq: 10 Jun 2024 20:11

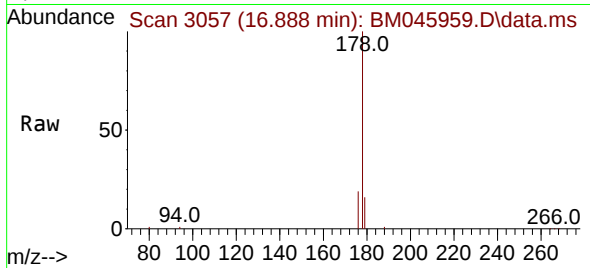
Tgt Ion:166 Resp: 1742
Ion Ratio Lower Upper
166 100
165 100.9 79.7 119.5
167 19.8 11.3 16.9#





#15
Phenanthrene
Concen: 0.743 ng/ul m
RT: 16.888 min Scan# 3057
Delta R.T. -0.016 min
Lab File: BM045959.D
Acq: 10 Jun 2024 20:11

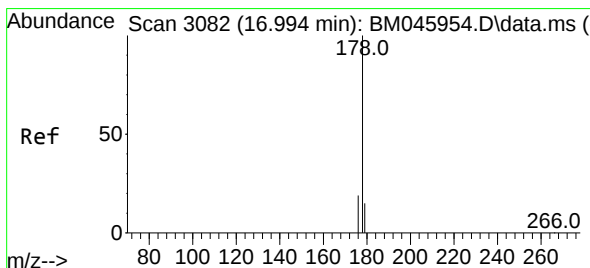
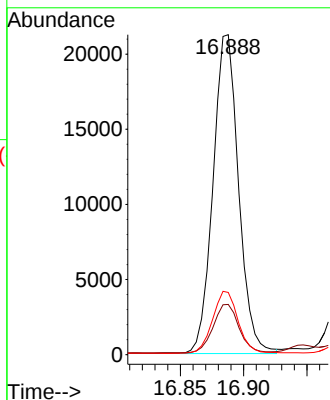
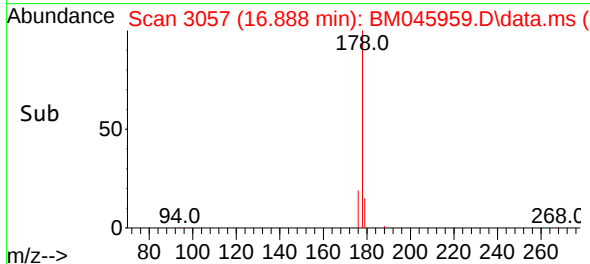
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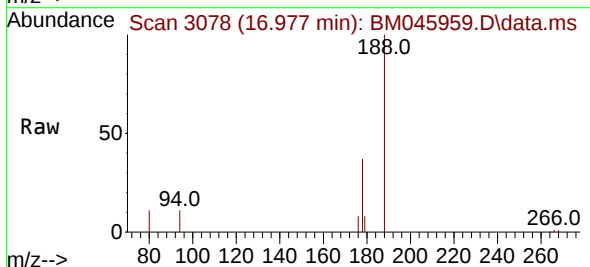
Tgt Ion:178 Resp: 2984
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 19.4 15.6 23.4

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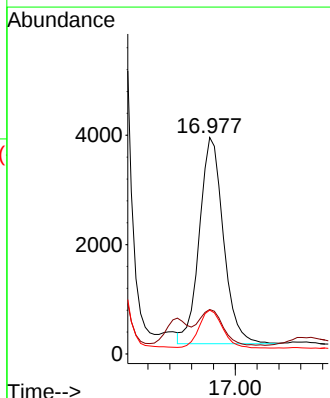
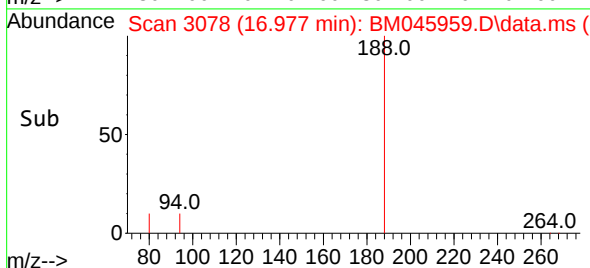
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024

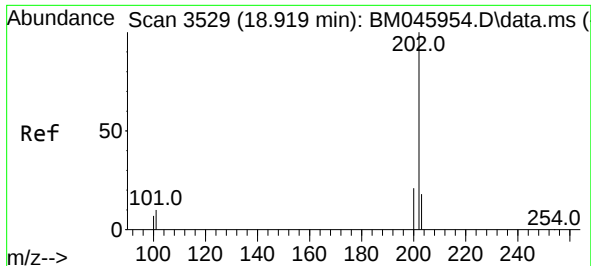


#16
Anthracene
Concen: 0.168 ng/ul m
RT: 16.977 min Scan# 3078
Delta R.T. -0.020 min
Lab File: BM045959.D
Acq: 10 Jun 2024 20:11



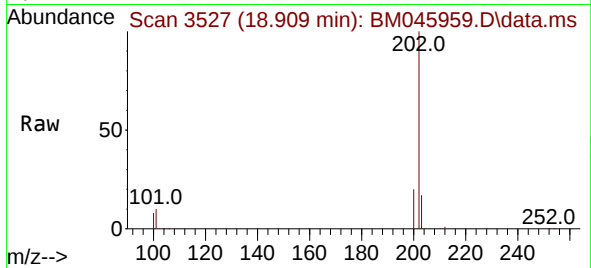
Tgt Ion:178 Resp: 5770
Ion Ratio Lower Upper
178 100
179 20.5 13.1 19.7#
176 20.3 15.5 23.3





#19
Fluoranthene
Concen: 1.210 ng/ul
RT: 18.909 min Scan# 3527
Delta R.T. -0.013 min
Lab File: BM045959.D
Acq: 10 Jun 2024 20:11

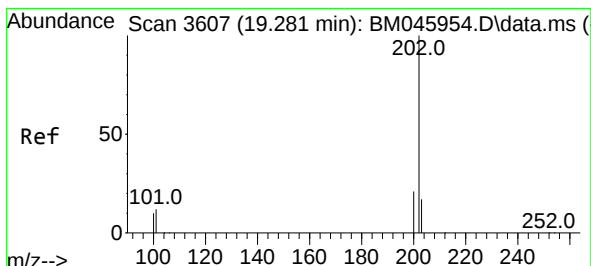
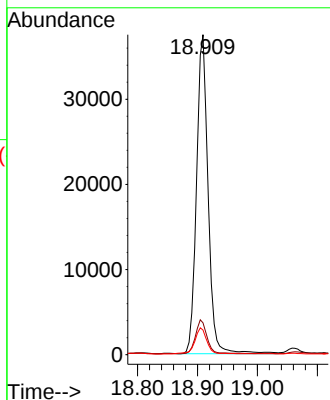
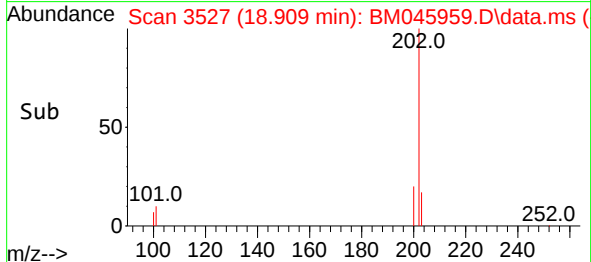
Instrument :
BNA_M
ClientSampleId :
A4B39



Tgt Ion:202 Resp: 50420
Ion Ratio Lower Upper
202 100
101 9.9 9.0 13.6
100 7.7 7.0 10.6

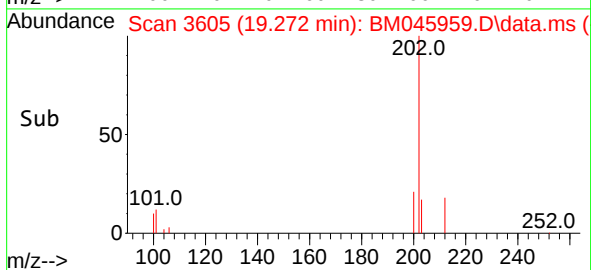
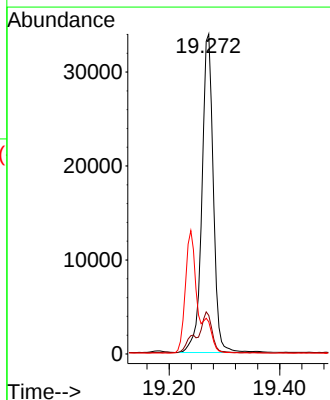
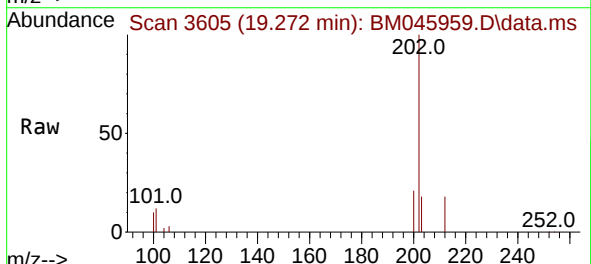
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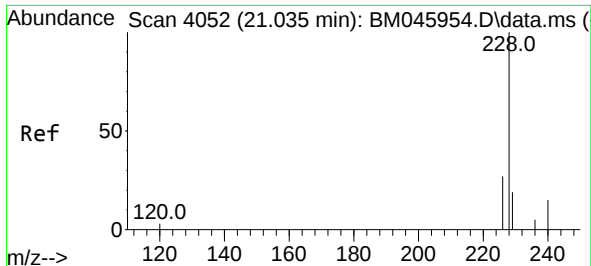
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#20
Pyrene
Concen: 1.116 ng/ul
RT: 19.272 min Scan# 3605
Delta R.T. -0.013 min
Lab File: BM045959.D
Acq: 10 Jun 2024 20:11

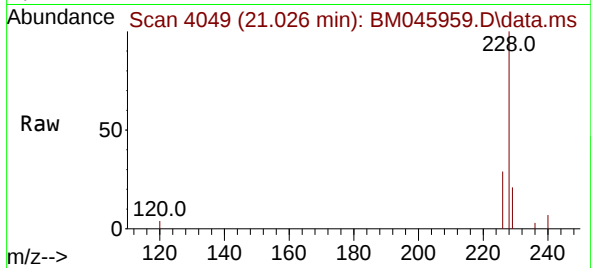
Tgt Ion:202 Resp: 48547
Ion Ratio Lower Upper
202 100
101 12.1 10.6 16.0
100 10.1 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.548 ng/ul
RT: 21.026 min Scan# 4052
Delta R.T. -0.009 min
Lab File: BM045959.D
Acq: 10 Jun 2024 20:11

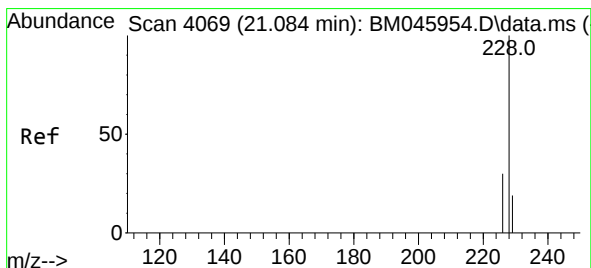
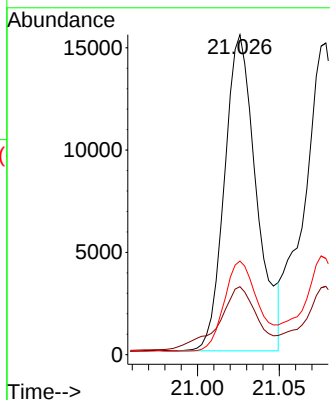
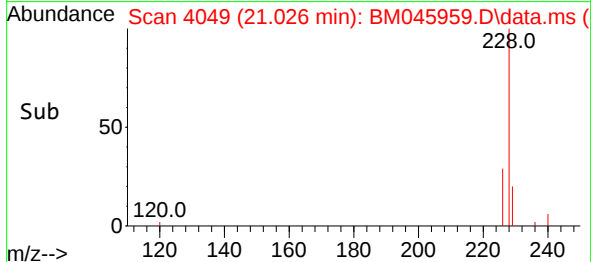
Instrument :
BNA_M
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A4B39



Tgt Ion:228 Resp: 21040
Ion Ratio Lower Upper
228 100
229 21.2 15.7 23.5
226 29.3 22.0 33.0

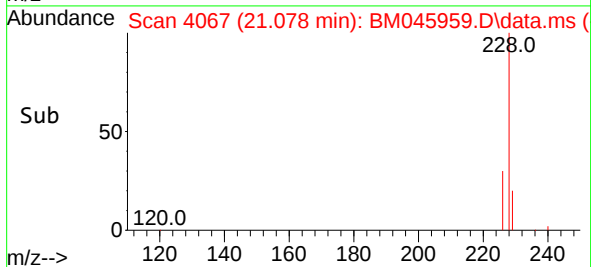
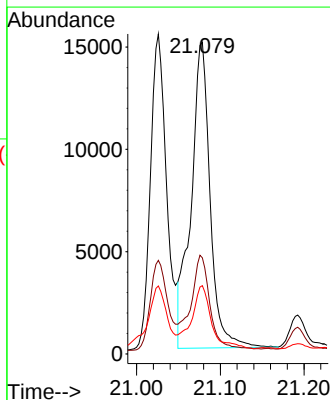
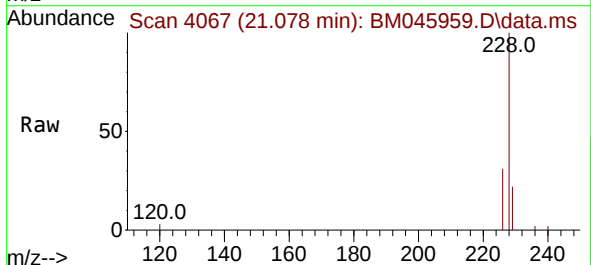
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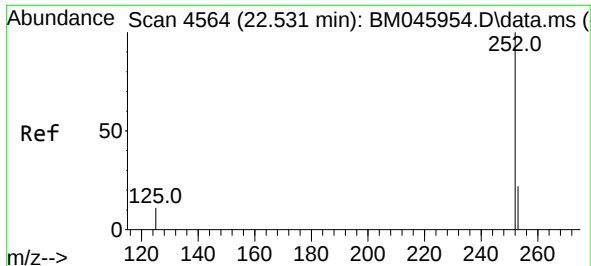
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#22
Chrysene
Concen: 0.569 ng/ul
RT: 21.078 min Scan# 4067
Delta R.T. -0.009 min
Lab File: BM045959.D
Acq: 10 Jun 2024 20:11

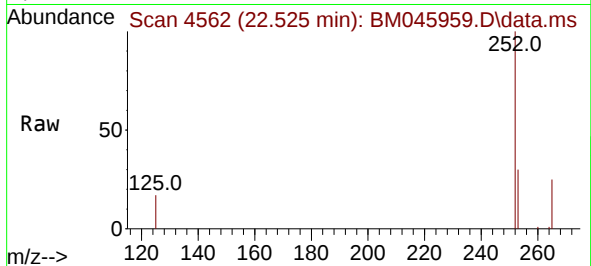
Tgt Ion:228 Resp: 23776
Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 21.9 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 0.816 ng/ul m
RT: 22.525 min Scan# 4562
Delta R.T. -0.012 min
Lab File: BM045959.D
Acq: 10 Jun 2024 20:11

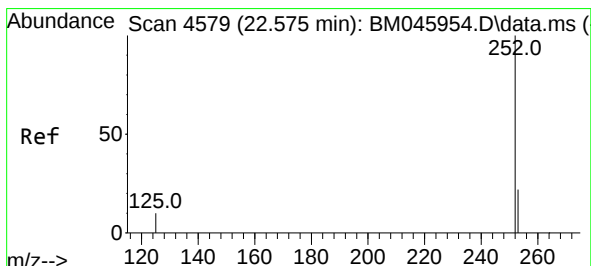
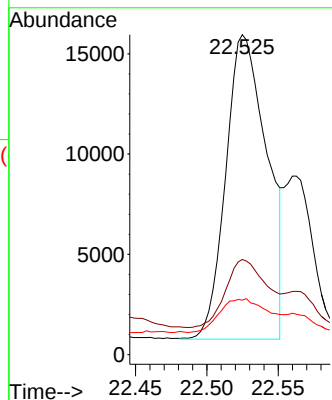
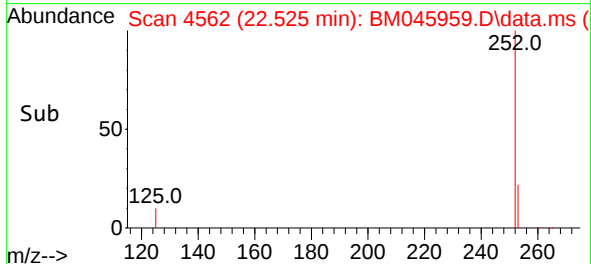
Instrument :
BNA_M
ClientSampleId :
A4B39



Tgt Ion:252 Resp: 3051
Ion Ratio Lower Upper
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253 29.8 0.0 63.6
125 17.0 0.0 35.8

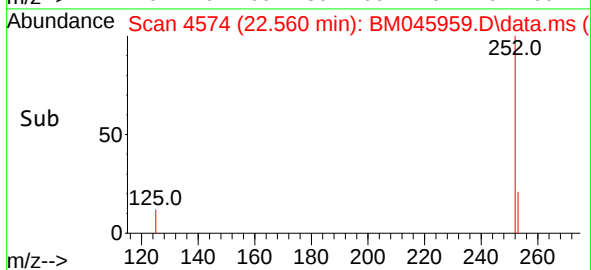
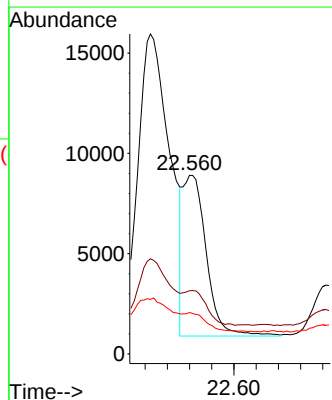
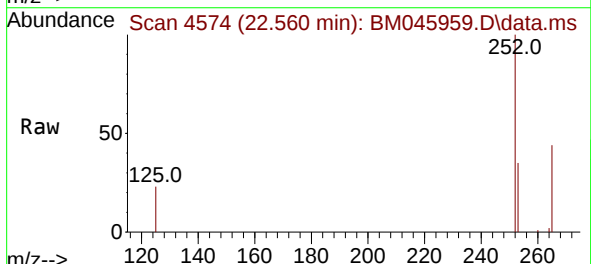
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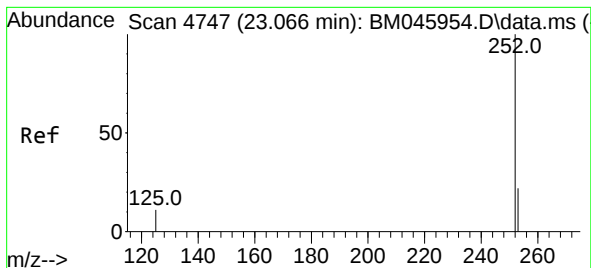
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#25
Benzo(k)fluoranthene
Concen: 0.287 ng/ul m
RT: 22.560 min Scan# 4574
Delta R.T. -0.021 min
Lab File: BM045959.D
Acq: 10 Jun 2024 20:11

Tgt Ion:252 Resp: 11791
Ion Ratio Lower Upper
252 100
253 35.4 25.0 37.6
125 23.2 14.2 21.2#





#26

Benzo(a)pyrene

Concen: 0.591 ng/ul

RT: 23.051 min Scan# 4742

Delta R.T. -0.021 min

Lab File: BM045959.D

Acq: 10 Jun 2024 20:11

Instrument :

BNM_M

ClientSampleId :

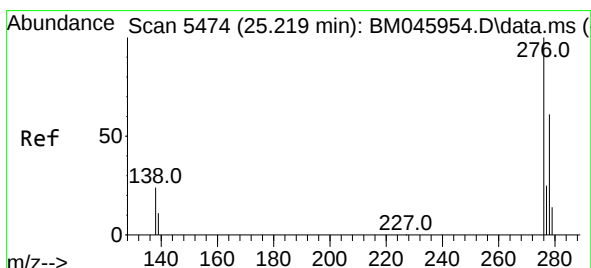
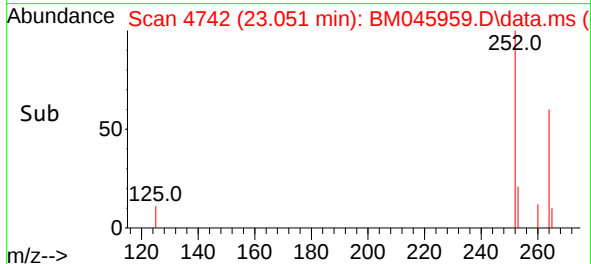
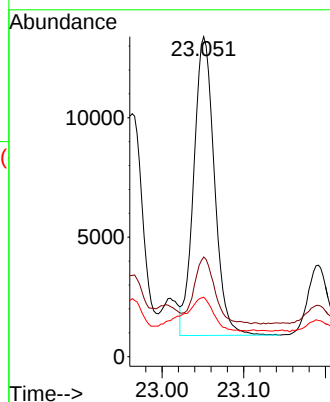
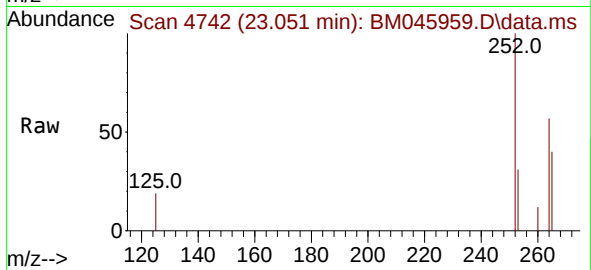
A4B39

Tgt Ion:	252	Resp:	2198
Ion Ratio	Lower	Upper	
252	100		
253	31.2	28.8	43.2
125	18.6	17.3	25.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.334 ng/ul

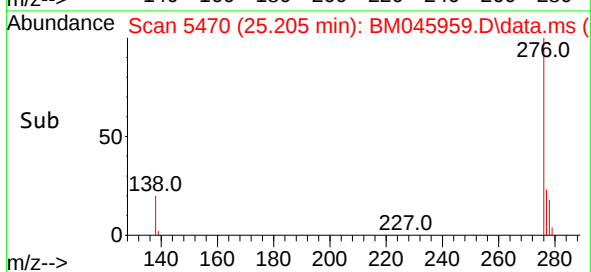
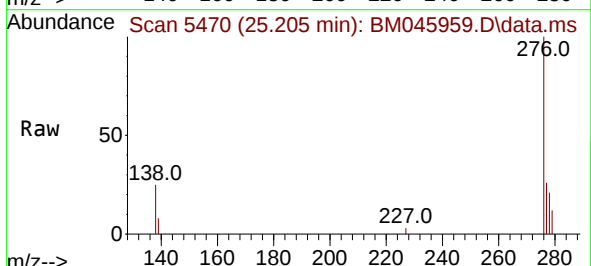
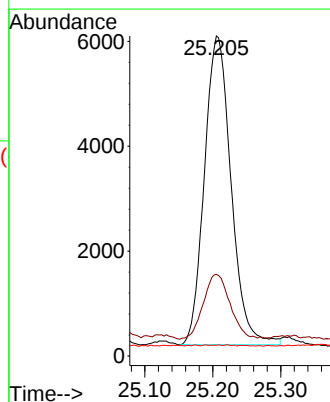
RT: 25.205 min Scan# 5470

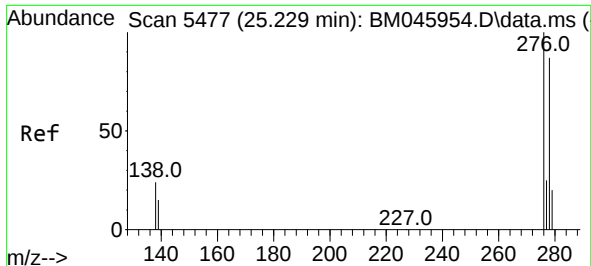
Delta R.T. -0.027 min

Lab File: BM045959.D

Acq: 10 Jun 2024 20:11

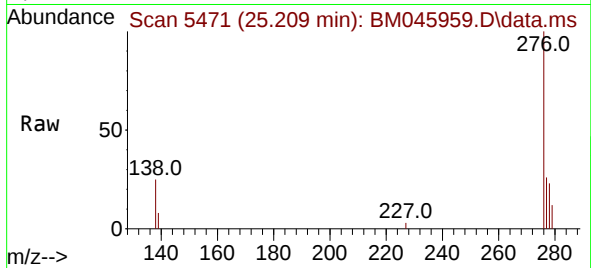
Tgt Ion:	276	Resp:	16083
Ion Ratio	Lower	Upper	
276	100		
138	21.4	20.7	31.1
227	0.2	0.2	0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.098 ng/ul
RT: 25.209 min Scan# 5477
Delta R.T. -0.040 min
Lab File: BM045959.D
Acq: 10 Jun 2024 20:11

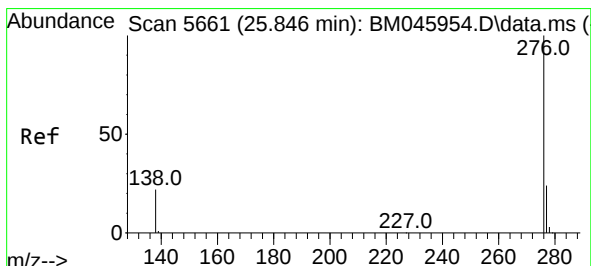
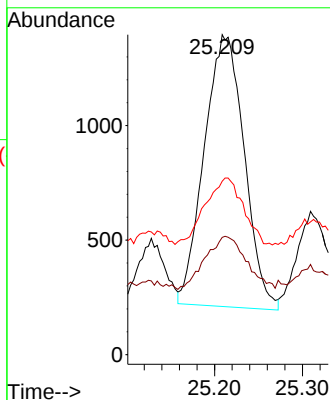
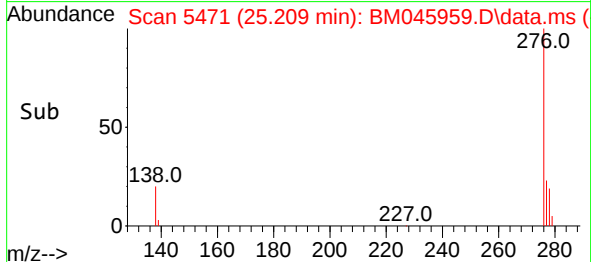
Instrument :
BNA_M
ClientSampleId :
A4B39



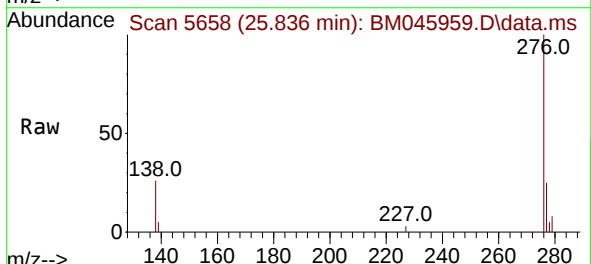
Tgt Ion:278 Resp: 3752
Ion Ratio Lower Upper
278 100
139 36.6 16.6 25.0
279 54.2 24.6 37.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#29
Benzo(g,h,i)perylene
Concen: 0.419 ng/ul
RT: 25.836 min Scan# 5658
Delta R.T. -0.027 min
Lab File: BM045959.D
Acq: 10 Jun 2024 20:11



Tgt Ion:276 Resp: 17372
Ion Ratio Lower Upper
276 100
138 26.0 21.0 31.4
277 25.5 20.5 30.7

