

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
 Data File : BM045956.D
 Acq On : 10 Jun 2024 18:21
 Operator : MA/JU
 Sample : P2642-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BH6

Manual Integrations
 APPROVED

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

Quant Time: Jun 10 19:10:31 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 : Fri Jun 07 22:59:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.459	152	4190	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.233	136	13296	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.109	164	6635	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.846	188	13503m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.043	240	10483m	0.400	ng/ul	0.00
23) Perylene-d12	23.148	264	11058m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.054	96	16627	3.484	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.849	152	3499	0.183	ng/ul	0.00
18) Fluoranthene-d10	18.877	212	6750	0.215	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.277	128	1353	0.039	ng/ul#	79
10) Acenaphthylene	13.822	152	2923	0.097	ng/ul#	93
11) Acenaphthene	14.169	153	909	0.041	ng/ul	96
12) Fluorene	15.159	166	1215	0.049	ng/ul#	97
15) Phenanthrene	16.888	178	25293m	0.667	ng/ul	
16) Anthracene	16.981	178	4927m	0.152	ng/ul	
19) Fluoranthene	18.909	202	60381	1.444	ng/ul	97
20) Pyrene	19.272	202	54206	1.243	ng/ul	98
21) Benzo(a)anthracene	21.026	228	25938	0.674	ng/ul	97
22) Chrysene	21.076	228	32808	0.783	ng/ul	98
24) Benzo(b)fluoranthene	22.525	252	42329m	1.154	ng/ul	
25) Benzo(k)fluoranthene	22.563	252	16977m	0.421	ng/ul	
26) Benzo(a)pyrene	23.054	252	27971m	0.767	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.205	276	23457	0.497	ng/ul	90
28) Dibenzo(a,h)anthracene	25.212	278	5135	0.136	ng/ul#	74
29) Benzo(g,h,i)perylene	25.836	276	23838	0.586	ng/ul	99

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

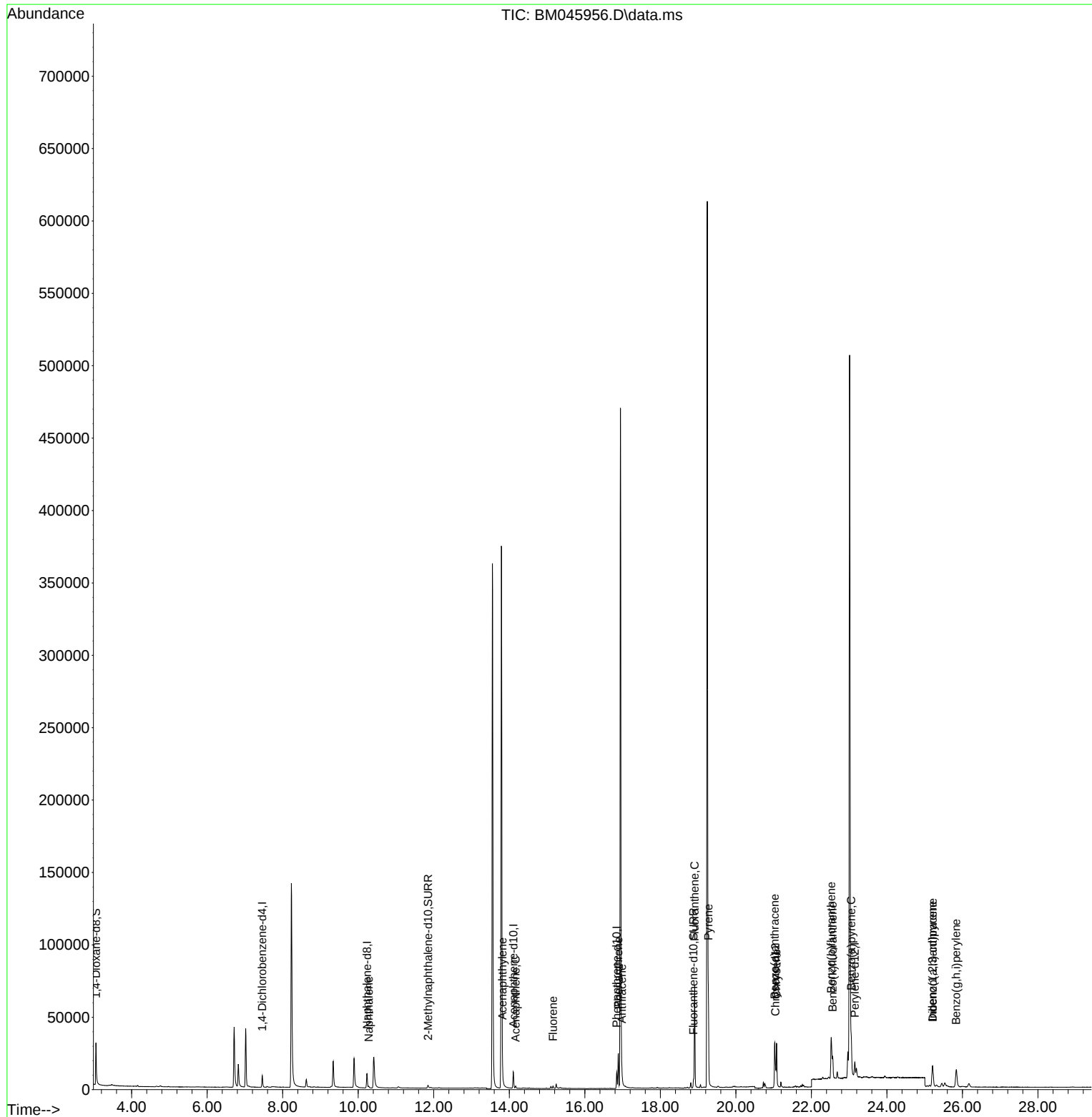
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045956.D
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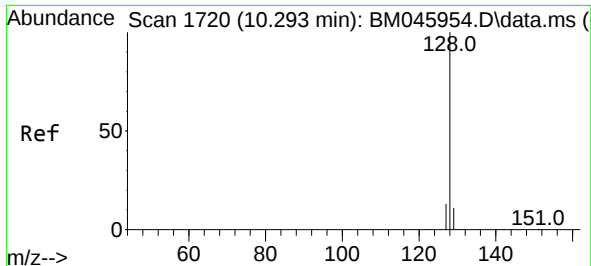
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Quant Time: Jun 10 19:10:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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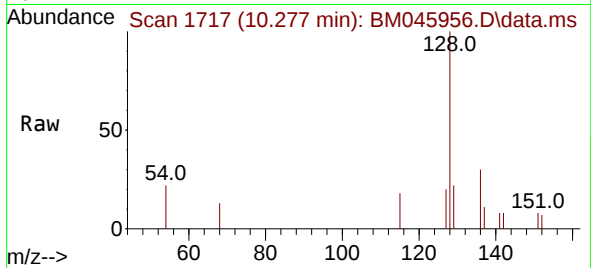
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024





#5
Naphthalene
Concen: 0.039 ng/u1
RT: 10.277 min Scan# 1717
Delta R.T. -0.026 min
Lab File: BM045956.D
Acq: 10 Jun 2024 18:21

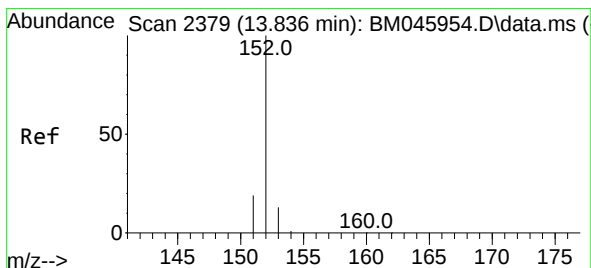
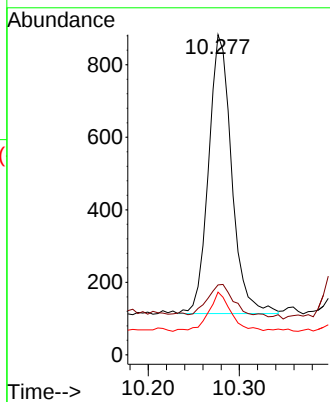
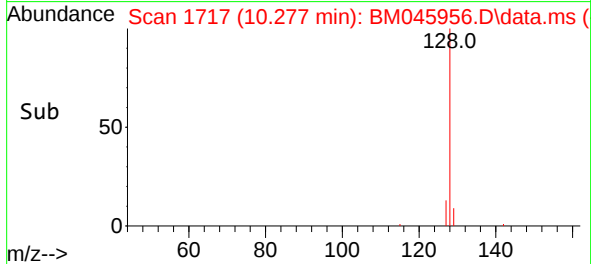
Instrument :
BNA_M
ClientSampleId :
A4BH6



Tgt Ion:128 Resp: 135
Ion Ratio Lower Upper
128 100
129 21.9 9.4 14.0
127 19.6 10.6 15.8

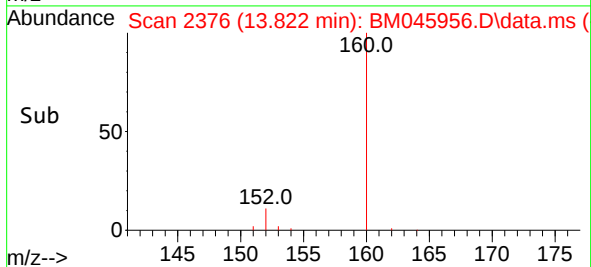
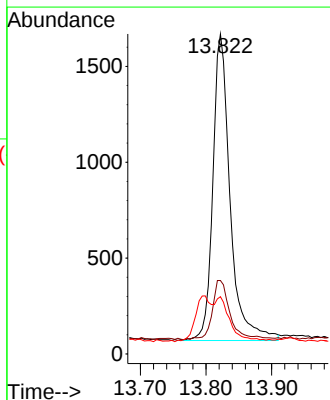
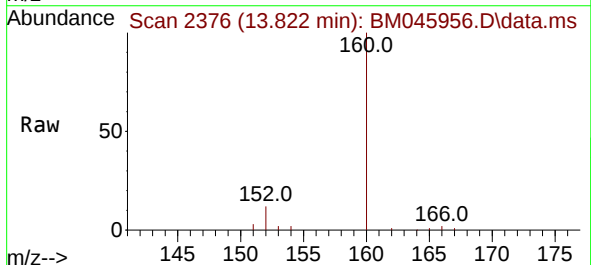
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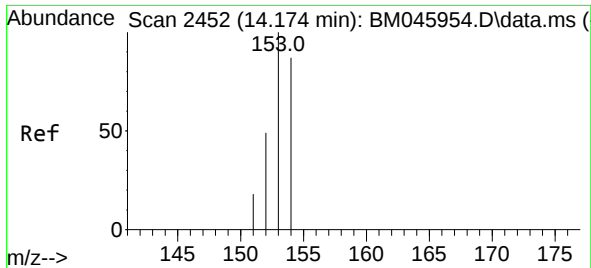
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#10
Acenaphthylene
Concen: 0.097 ng/u1
RT: 13.822 min Scan# 2376
Delta R.T. -0.017 min
Lab File: BM045956.D
Acq: 10 Jun 2024 18:21

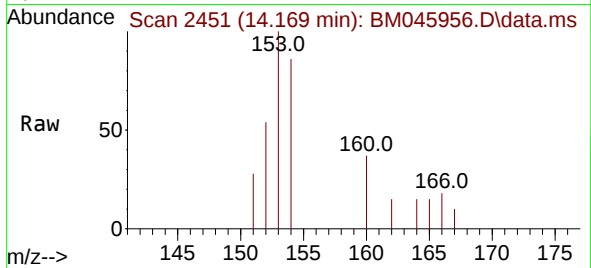
Tgt Ion:152 Resp: 2923
Ion Ratio Lower Upper
152 100
151 22.9 16.4 24.6
153 17.9 11.1 16.7





#11
Acenaphthene
Concen: 0.041 ng/uI
RT: 14.169 min Scan# 2451
Delta R.T. -0.013 min
Lab File: BM045956.D
Acq: 10 Jun 2024 18:21

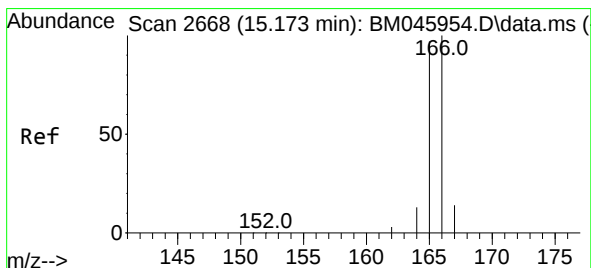
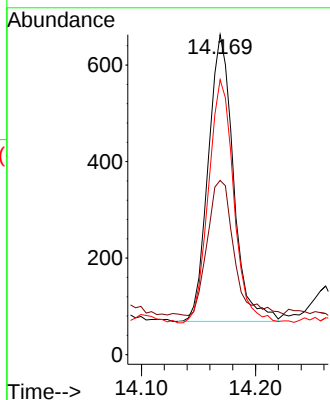
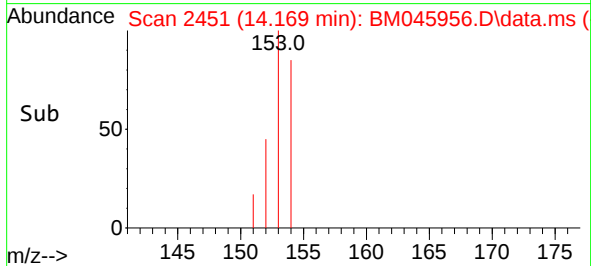
Instrument :
BNA_M
ClientSampleId :
A4BH6



Tgt Ion:153 Resp: 909
Ion Ratio Lower Upper
153 100
152 54.4 39.0 58.4
154 86.0 69.4 104.2

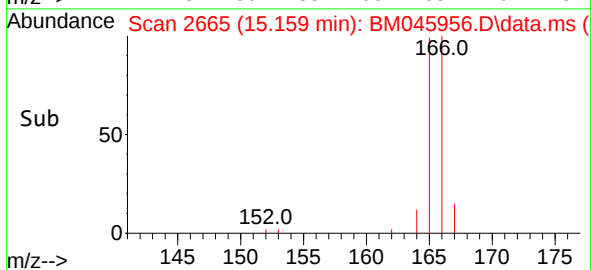
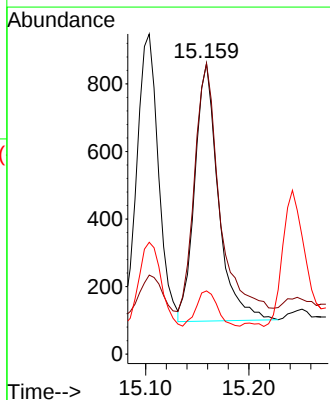
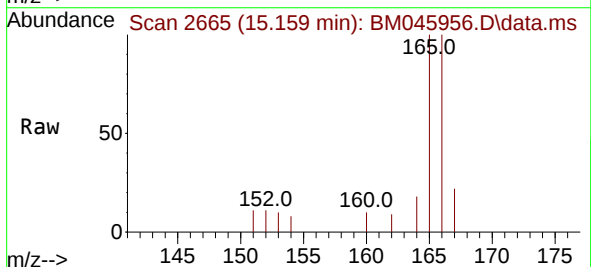
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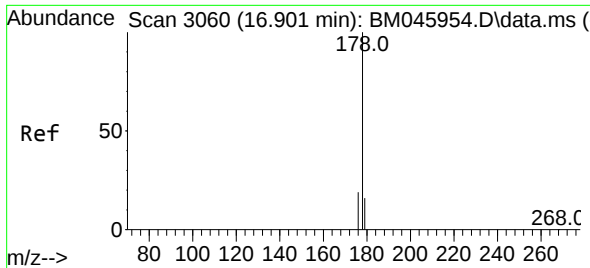
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#12
Fluorene
Concen: 0.049 ng/uI
RT: 15.159 min Scan# 2665
Delta R.T. -0.017 min
Lab File: BM045956.D
Acq: 10 Jun 2024 18:21

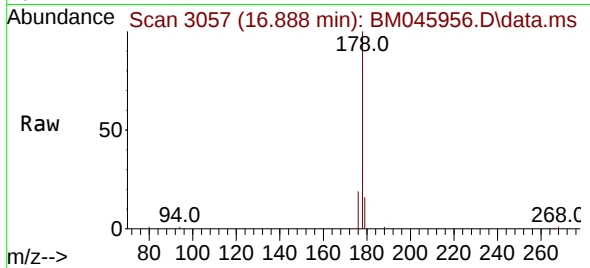
Tgt Ion:166 Resp: 1215
Ion Ratio Lower Upper
166 100
165 100.0 79.7 119.5
167 21.7 11.3 16.9#





#15
Phenanthrene
Concen: 0.667 ng/ul m
RT: 16.888 min Scan# 3057
Delta R.T. -0.016 min
Lab File: BM045956.D
Acq: 10 Jun 2024 18:21

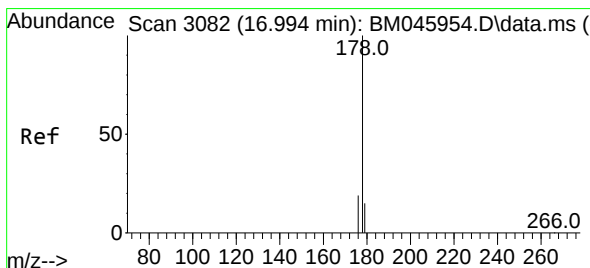
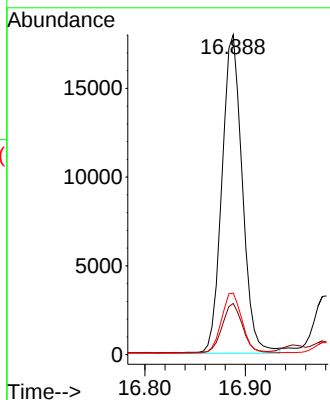
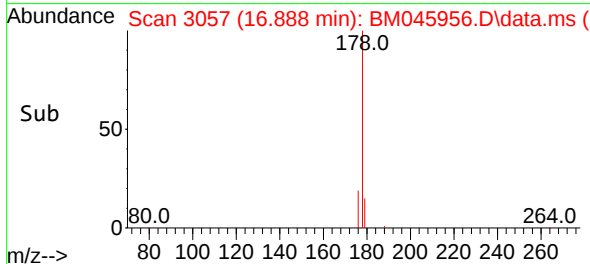
Instrument :
BNA_M
ClientSampleId :
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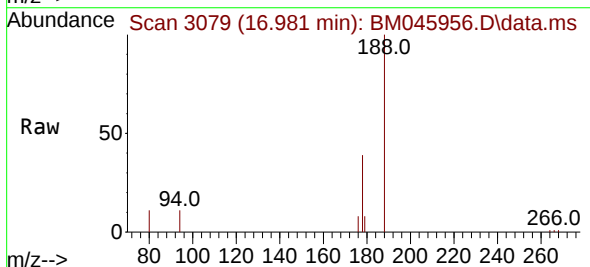
Tgt Ion:178 Resp: 2529
Ion Ratio Lower Upper
178 100
179 16.0 12.7 19.1
176 19.3 15.6 23.4

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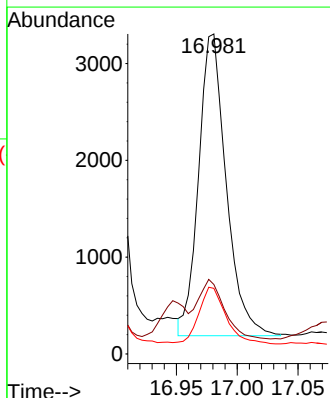
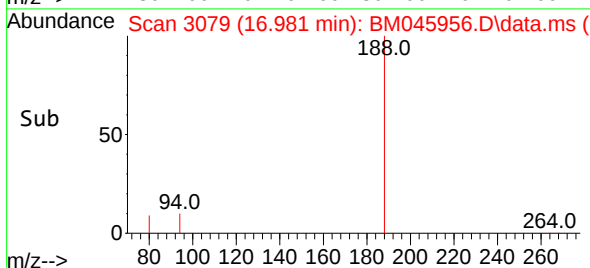
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024

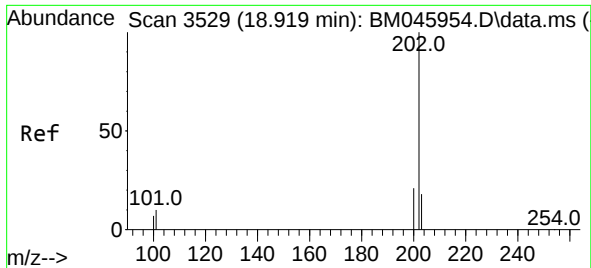


#16
Anthracene
Concen: 0.152 ng/ul m
RT: 16.981 min Scan# 3079
Delta R.T. -0.016 min
Lab File: BM045956.D
Acq: 10 Jun 2024 18:21



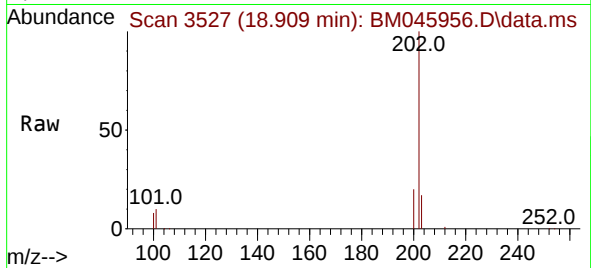
Tgt Ion:178 Resp: 4927
Ion Ratio Lower Upper
178 100
179 21.7 13.1 19.7#
176 20.5 15.5 23.3





#19
Fluoranthene
Concen: 1.444 ng/u1
RT: 18.909 min Scan# 3527
Delta R.T. -0.013 min
Lab File: BM045956.D
Acq: 10 Jun 2024 18:21

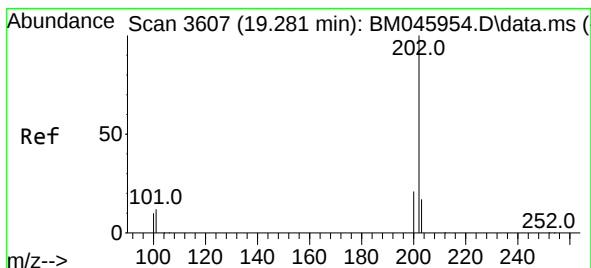
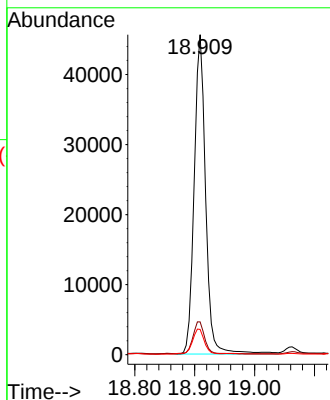
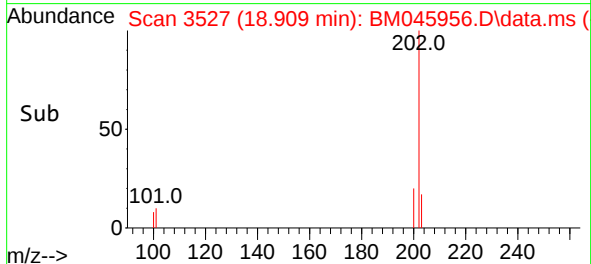
Instrument :
BNA_M
ClientSampleId :
A4BH6



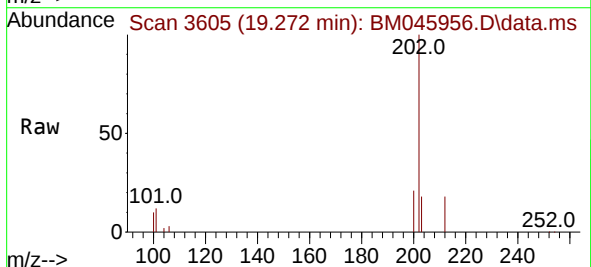
Tgt Ion:202 Resp: 6038
Ion Ratio Lower Upper
202 100
101 10.3 9.0 13.6
100 7.9 7.0 10.6

Manual Integrations
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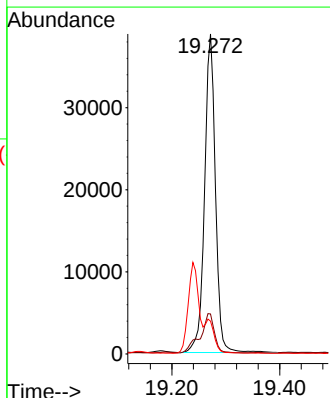
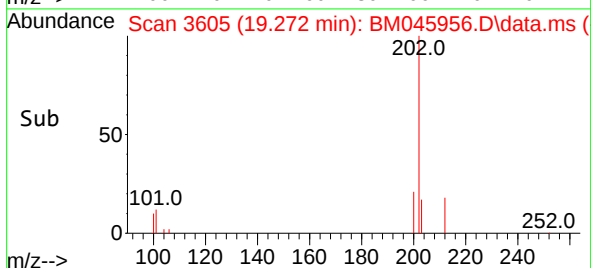
Reviewed By :Jagrut Upadhyay 06/11/2024
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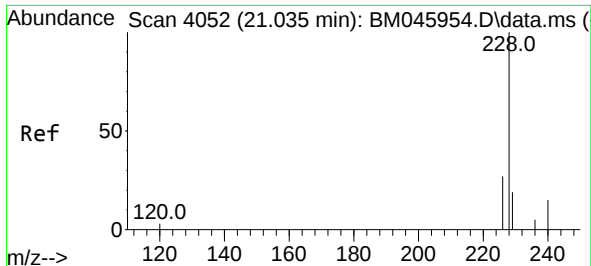


#20
Pyrene
Concen: 1.243 ng/u1
RT: 19.272 min Scan# 3605
Delta R.T. -0.013 min
Lab File: BM045956.D
Acq: 10 Jun 2024 18:21



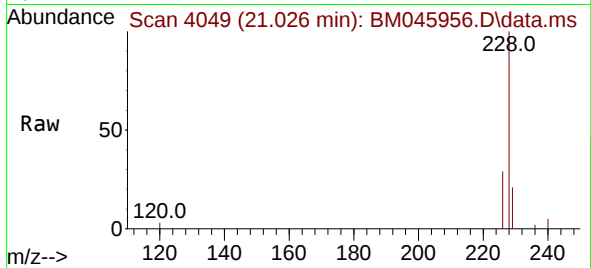
Tgt Ion:202 Resp: 54206
Ion Ratio Lower Upper
202 100
101 12.5 10.6 16.0
100 10.3 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.674 ng/ul
RT: 21.026 min Scan# 4049
Delta R.T. -0.009 min
Lab File: BM045956.D
Acq: 10 Jun 2024 18:21

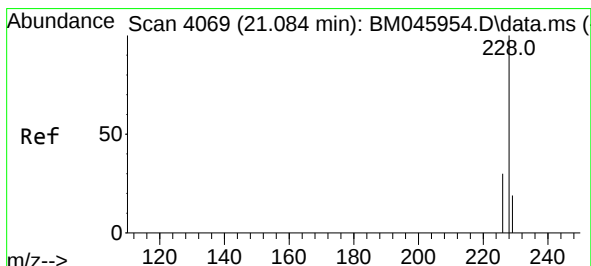
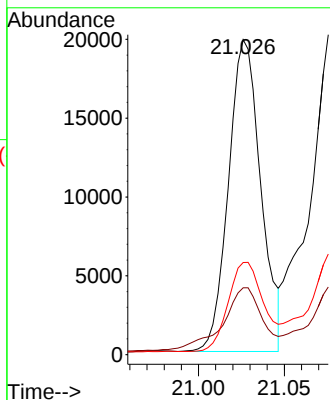
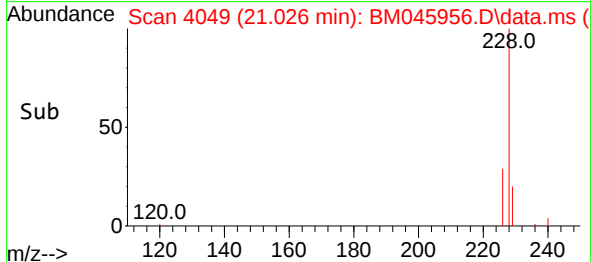
Instrument :
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ClientSampleId :
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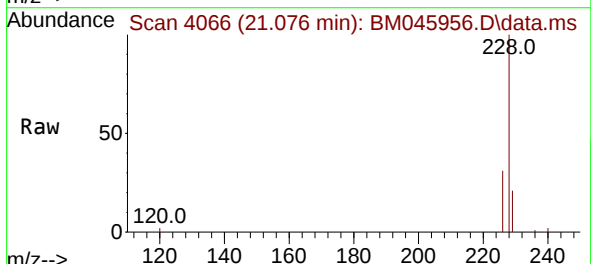
Tgt Ion:228 Resp: 25938
Ion Ratio Lower Upper
228 100
229 21.2 15.7 23.5
226 29.3 22.0 33.0

Manual Integrations
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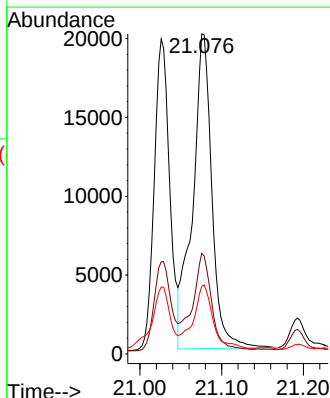
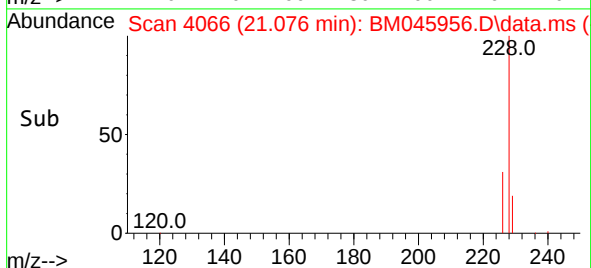
Reviewed By :Jagrut Upadhyay 06/11/2024
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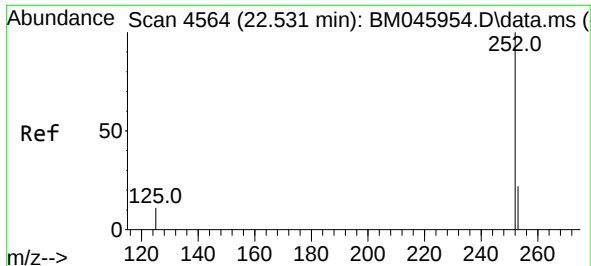


#22
Chrysene
Concen: 0.783 ng/ul
RT: 21.076 min Scan# 4066
Delta R.T. -0.012 min
Lab File: BM045956.D
Acq: 10 Jun 2024 18:21



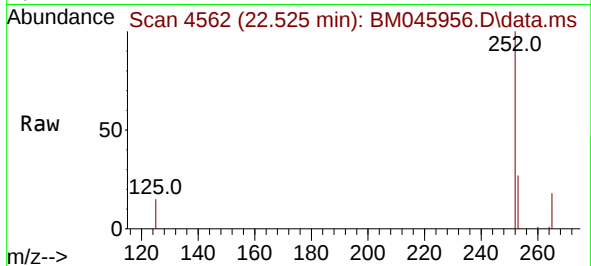
Tgt Ion:228 Resp: 32808
Ion Ratio Lower Upper
228 100
226 31.5 24.5 36.7
229 21.2 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 1.154 ng/ul m
RT: 22.525 min Scan# 4562
Delta R.T. -0.012 min
Lab File: BM045956.D
Acq: 10 Jun 2024 18:21

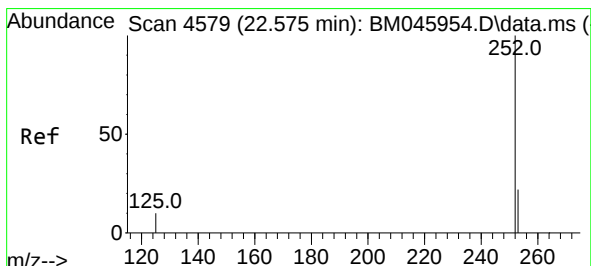
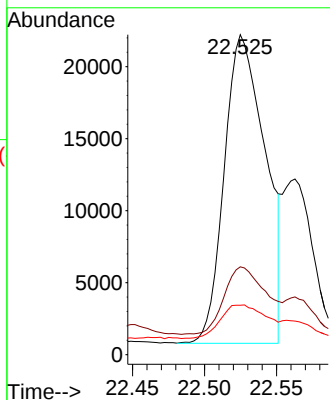
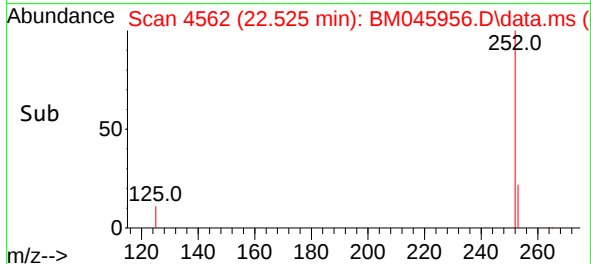
Instrument :
BNA_M
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A4BH6



Tgt Ion:252 Resp: 42329
Ion Ratio Lower Upper
252 100
253 27.4 0.0 63.6
125 15.5 0.0 35.8

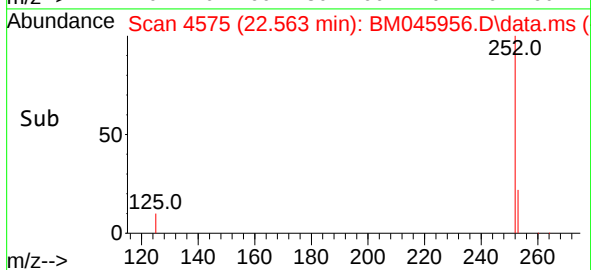
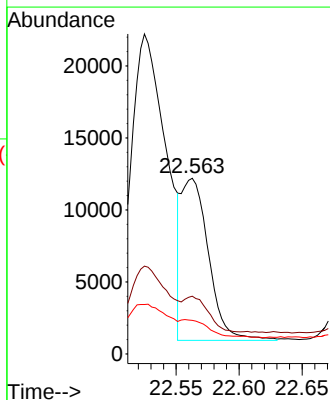
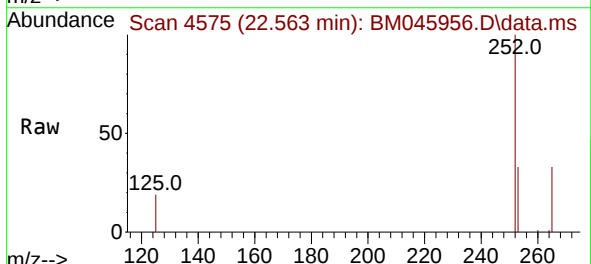
Manual Integrations
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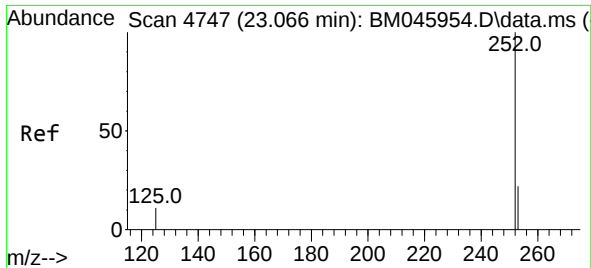
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#25
Benzo(k)fluoranthene
Concen: 0.421 ng/ul m
RT: 22.563 min Scan# 4575
Delta R.T. -0.018 min
Lab File: BM045956.D
Acq: 10 Jun 2024 18:21

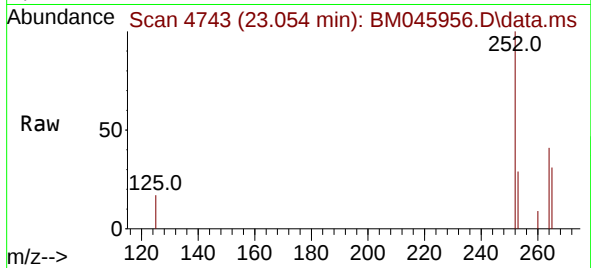
Tgt Ion:252 Resp: 16977
Ion Ratio Lower Upper
252 100
253 32.9 25.0 37.6
125 19.1 14.2 21.2





#26
Benzo(a)pyrene
Concen: 0.767 ng/ul m
RT: 23.054 min Scan# 4747
Delta R.T. -0.018 min
Lab File: BM045956.D
Acq: 10 Jun 2024 18:21

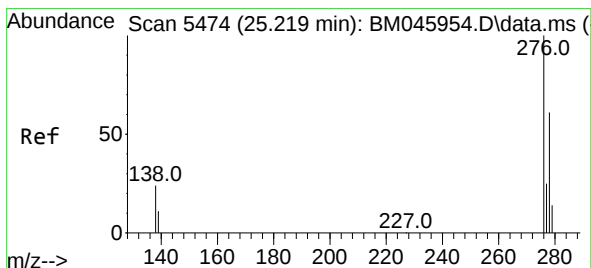
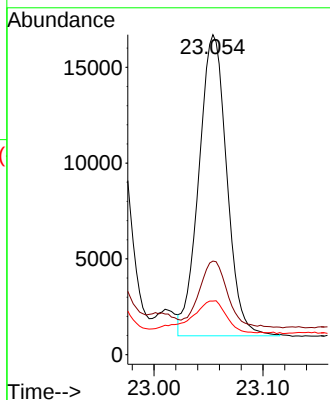
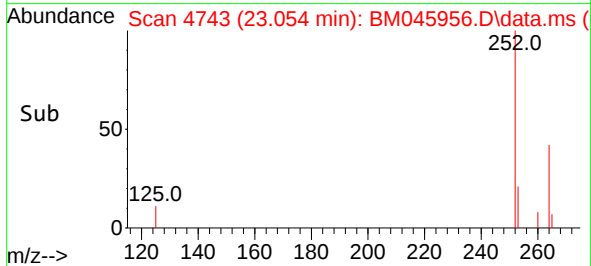
Instrument :
BNA_M
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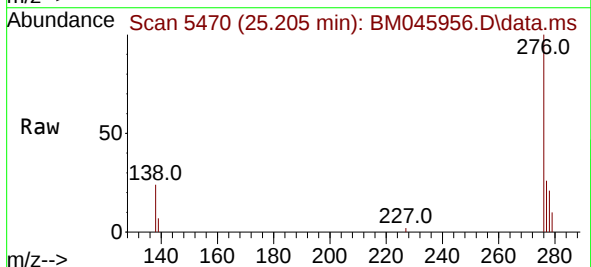
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Ion Ratio Lower Upper
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125 16.8 17.3 25.9

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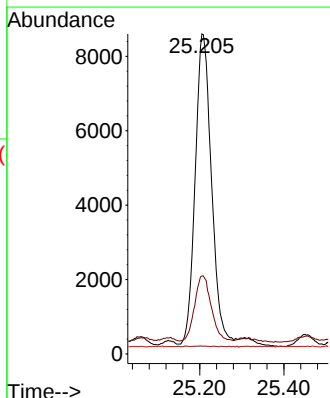
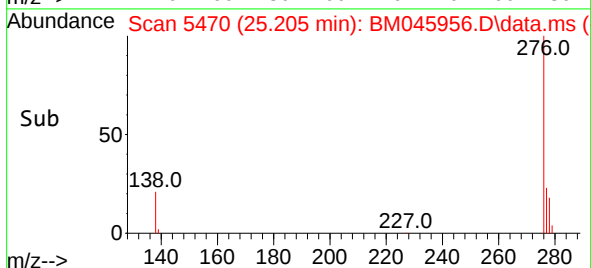
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024

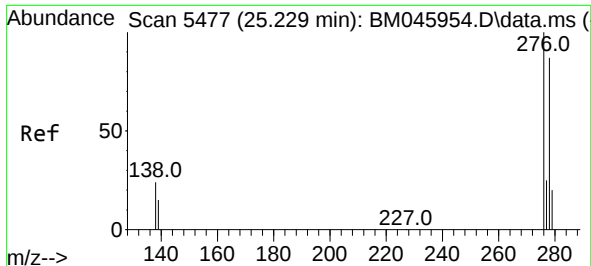


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.497 ng/ul
RT: 25.205 min Scan# 5470
Delta R.T. -0.027 min
Lab File: BM045956.D
Acq: 10 Jun 2024 18:21



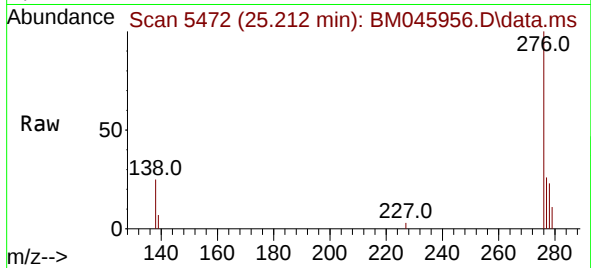
Tgt Ion:276 Resp: 23457
Ion Ratio Lower Upper
276 100
138 20.9 20.7 31.1
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.136 ng/ul
RT: 25.212 min Scan# 5472
Delta R.T. -0.037 min
Lab File: BM045956.D
Acq: 10 Jun 2024 18:21

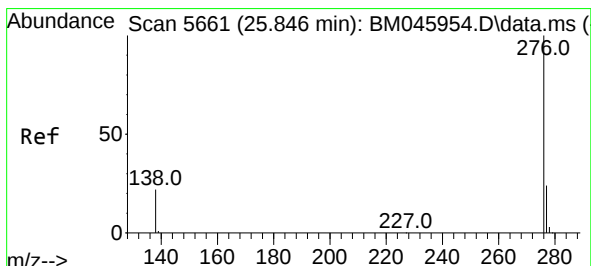
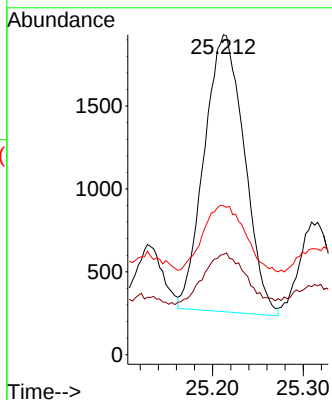
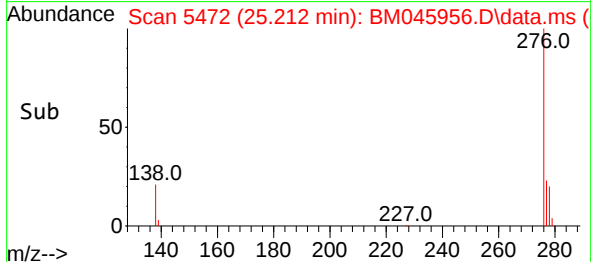
Instrument :
BNA_M
ClientSampleId :
A4BH6



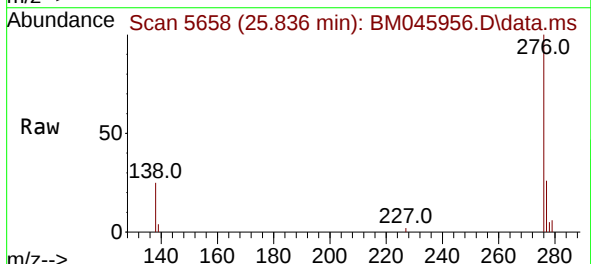
Tgt Ion: 278 Resp: 513
Ion Ratio Lower Upper
278 100
139 31.3 16.6 25.0
279 46.6 24.6 37.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.586 ng/ul
RT: 25.836 min Scan# 5658
Delta R.T. -0.027 min
Lab File: BM045956.D
Acq: 10 Jun 2024 18:21



Tgt Ion: 276 Resp: 23838
Ion Ratio Lower Upper
276 100
138 25.2 21.0 31.4
277 25.6 20.5 30.7

