

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
 Data File : BM045633.D
 Acq On : 30 Apr 2024 01:18
 Operator : MA/JU
 Sample : P2119-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AE8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/02/2024
 Supervised By :mohammad ahmed 05/02/2024

Quant Time: Apr 30 01:55:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 30 01:16:44 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.538	152	1132	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.303	136	3013	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.191	164	1471	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.955	188	2759m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.176	240	2355	0.400	ng/ul	-0.02
23) Perylene-d12	23.362	264	3047m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.159	96	4072	2.684	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152	718	0.181	ng/ul	-0.02
18) Fluoranthene-d10	18.997	212	1334	0.180	ng/ul	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.353	128	1867	0.231	ng/ul	96
7) 2-Methylnaphthalene	11.991	142	1094	0.237	ng/ul	93
8) 1-Methylnaphthalene	12.211	142	762	0.147	ng/ul	100
10) Acenaphthylene	13.909	152	877	0.121	ng/ul#	85
11) Acenaphthene	14.256	153	252	0.047	ng/ul	95
12) Fluorene	15.255	166	628	0.109	ng/ul#	94
15) Phenanthrene	16.997	178	6817m	0.848	ng/ul	
16) Anthracene	17.090	178	1548	0.206	ng/ul	98
19) Fluoranthene	19.029	202	12128	1.116	ng/ul#	91
20) Pyrene	19.392	202	10257	0.918	ng/ul	94
21) Benzo(a)anthracene	21.164	228	5907	0.785	ng/ul	98
22) Chrysene	21.214	228	5452	0.471	ng/ul	99
24) Benzo(b)fluoranthene	22.707	252	9107m	0.889	ng/ul	
25) Benzo(k)fluoranthene	22.745	252	3143m	0.243	ng/ul	
26) Benzo(a)pyrene	23.262	252	6032	0.567	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.548	276	5007	0.324	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.562	278	1190	0.097	ng/ul#	64
29) Benzo(g,h,i)perylene	26.216	276	4996	0.360	ng/ul	99

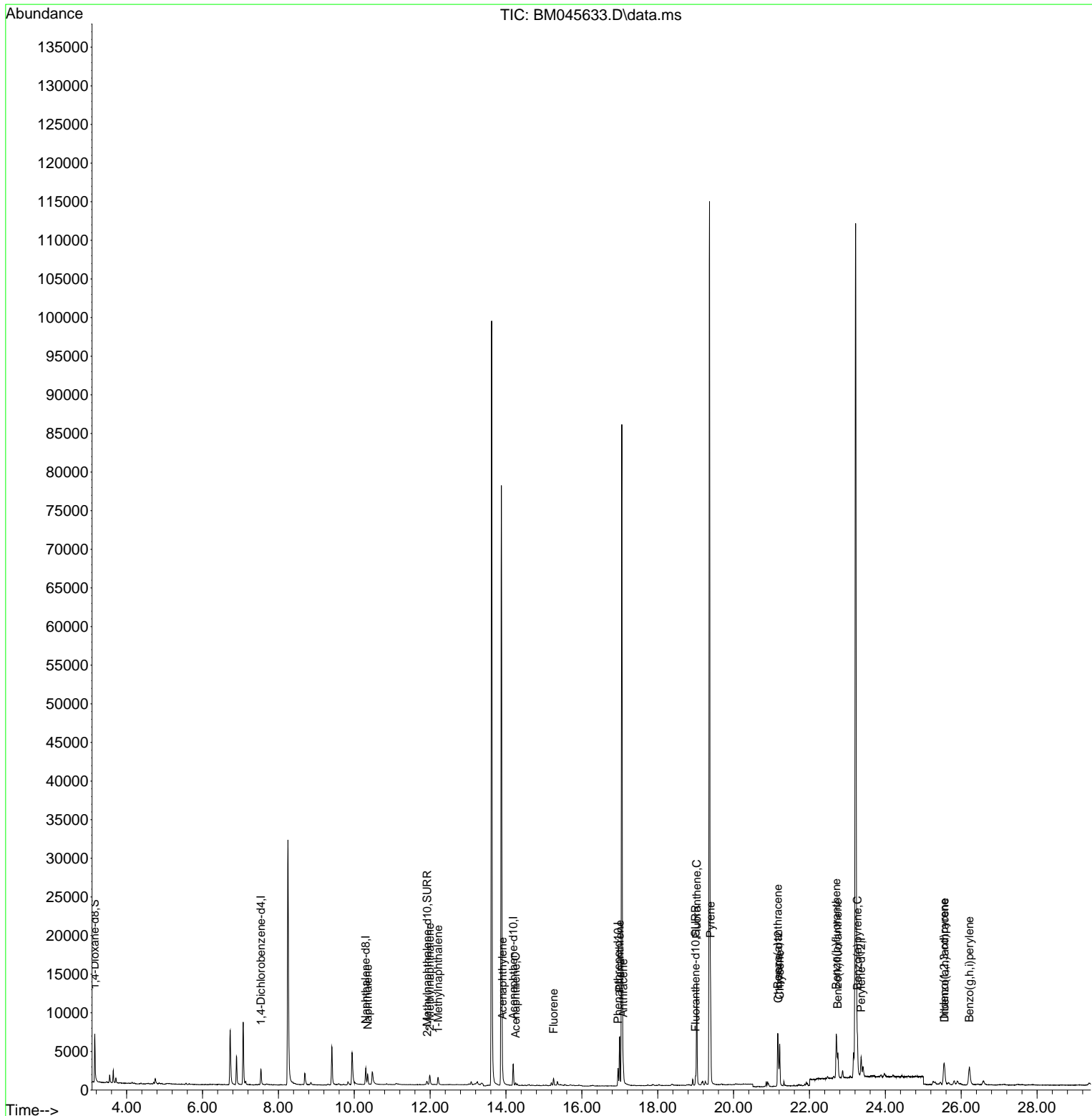
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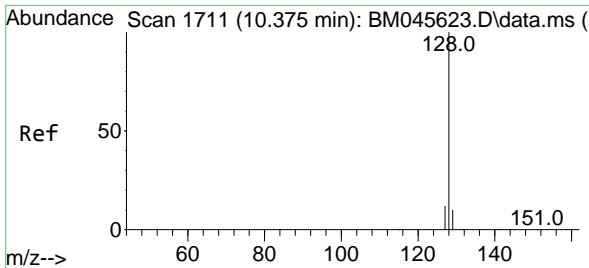
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
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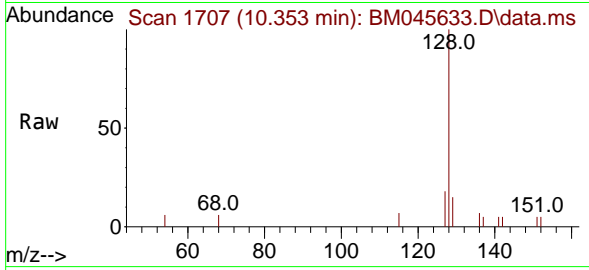
Manual Integrations
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 Reviewed By :Yogesh Patel 05/02/2024
 Supervised By :mohammad ahmed 05/02/2024





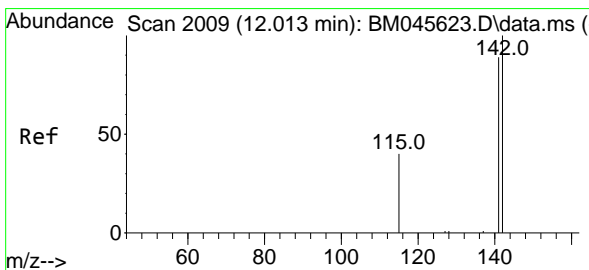
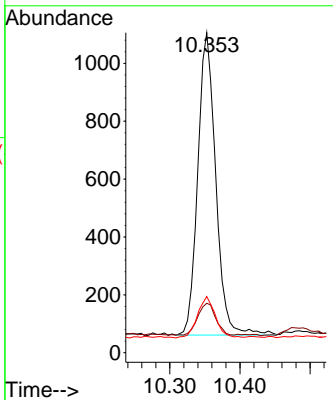
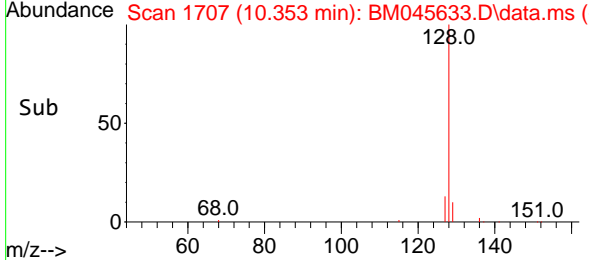
#5
Naphthalene
 Concen: 0.231 ng/u1
 RT: 10.353 min Scan# 11
 Delta R.T. -0.022 min
 Lab File: BM045633.D
 Acq: 30 Apr 2024 01:18

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 C0AE8

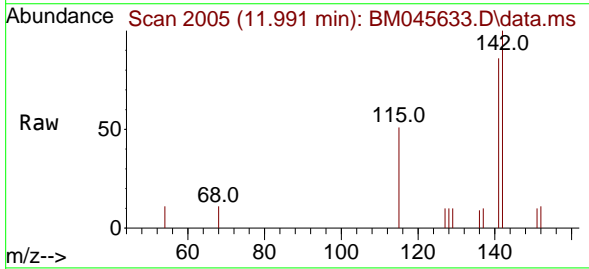


Tgt Ion:128 Resp: 186
 Ion Ratio Lower Upper
 128 100
 129 15.5 14.0 21.0
 127 17.5 15.4 23.2

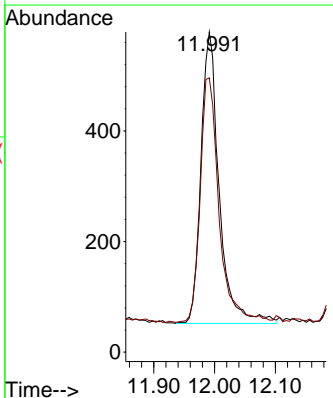
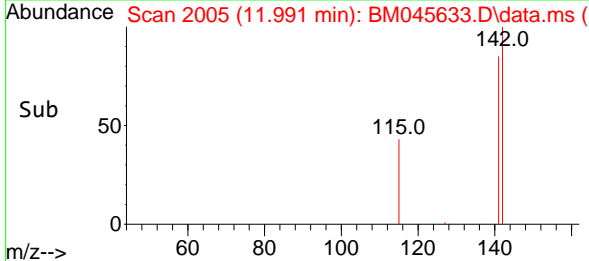
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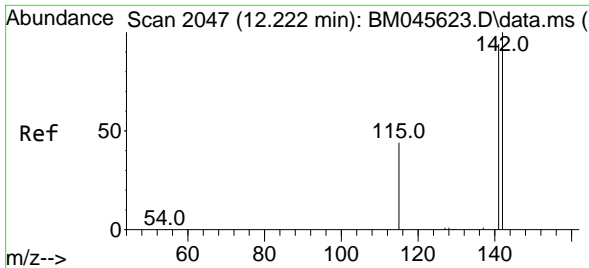


#7
2-Methylnaphthalene
 Concen: 0.237 ng/u1
 RT: 11.991 min Scan# 2005
 Delta R.T. -0.022 min
 Lab File: BM045633.D
 Acq: 30 Apr 2024 01:18



Tgt Ion:142 Resp: 1094
 Ion Ratio Lower Upper
 142 100
 141 86.6 74.6 111.8





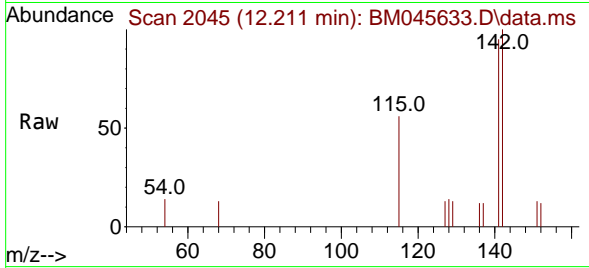
#8
 1-Methylnaphthalene
 Concen: 0.147 ng/uI
 RT: 12.211 min Scan# 2045
 Delta R.T. -0.011 min
 Lab File: BM045633.D
 Acq: 30 Apr 2024 01:18

Instrument :

BNA_M

ClientSampleId :

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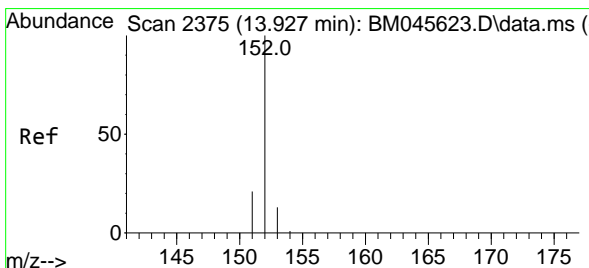
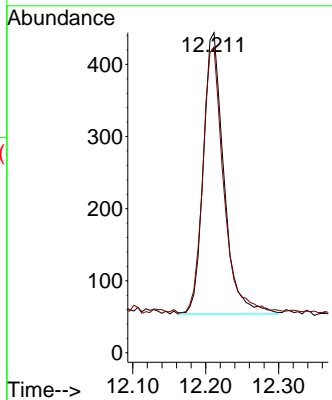
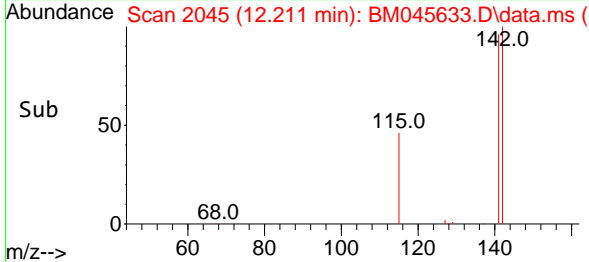


Tgt Ion:142 Resp: 76.1
 Ion Ratio Lower Upper
 142 100
 141 95.5 76.1 114.1

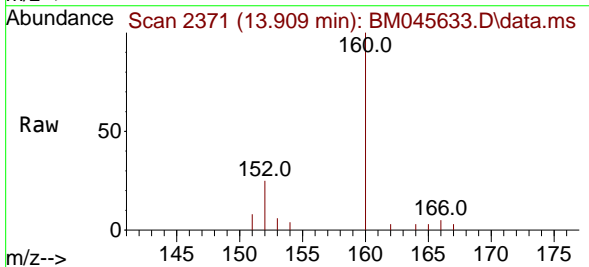
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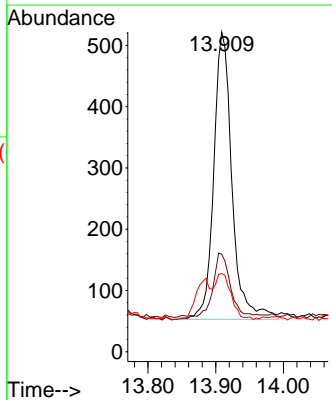
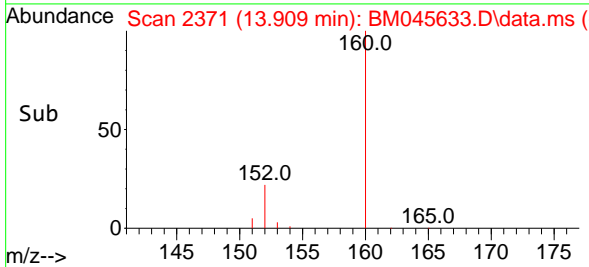
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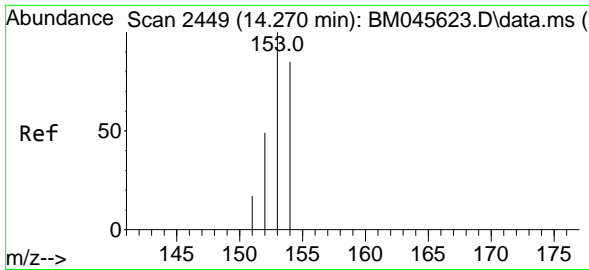


#10
 Acenaphthylene
 Concen: 0.121 ng/uI
 RT: 13.909 min Scan# 2371
 Delta R.T. -0.019 min
 Lab File: BM045633.D
 Acq: 30 Apr 2024 01:18



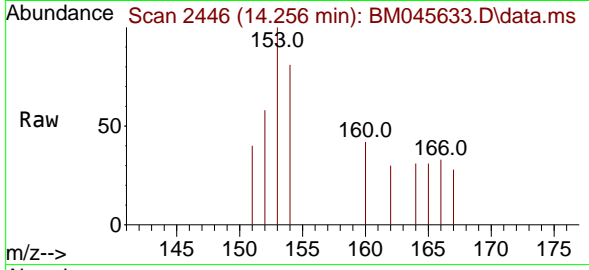
Tgt Ion:152 Resp: 877
 Ion Ratio Lower Upper
 152 100
 151 30.5 18.6 28.0#
 153 24.5 14.1 21.1#





#11
 Acenaphthene
 Concen: 0.047 ng/u1
 RT: 14.256 min Scan# 2446
 Delta R.T. -0.014 min
 Lab File: BM045633.D
 Acq: 30 Apr 2024 01:18

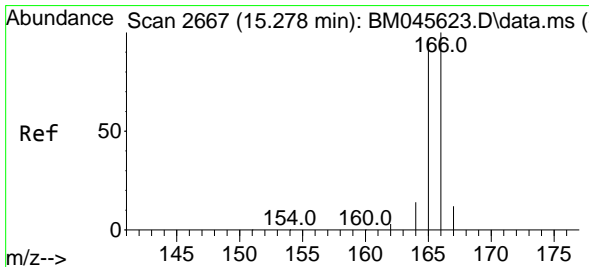
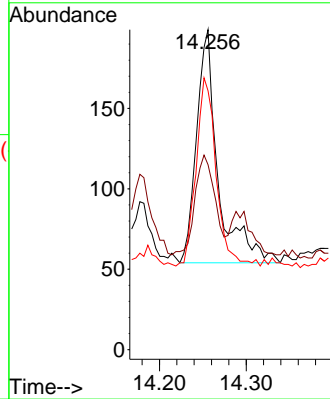
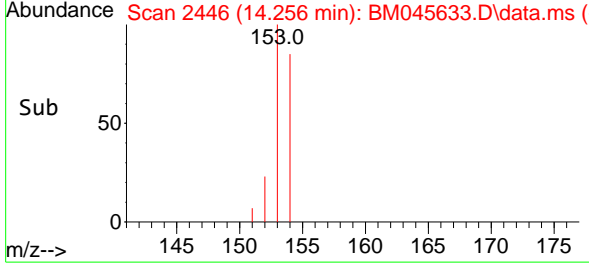
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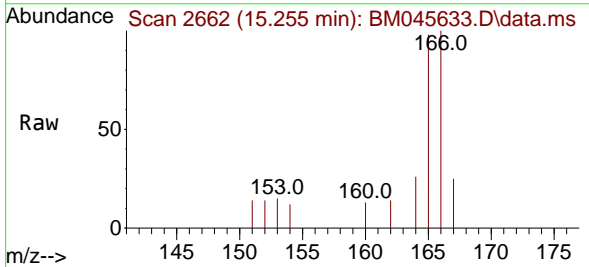
Tgt Ion:153 Resp: 252
 Ion Ratio Lower Upper
 153 100
 152 57.8 43.4 65.2
 154 80.9 69.0 103.6

Manual Integrations
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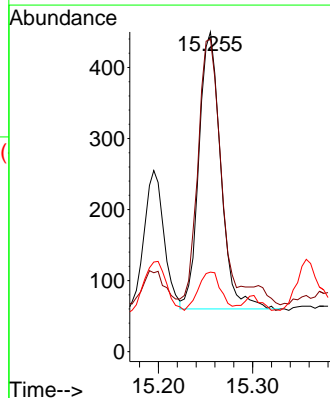
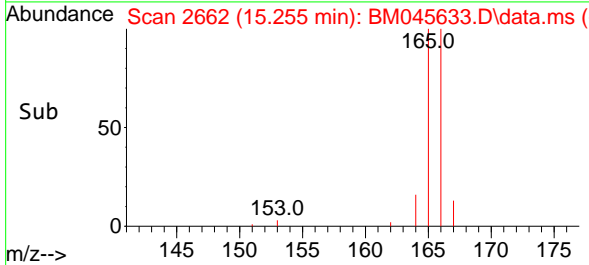
Reviewed By :Yogesh Patel 05/02/2024
 Supervised By :mohammad ahmed 05/02/2024

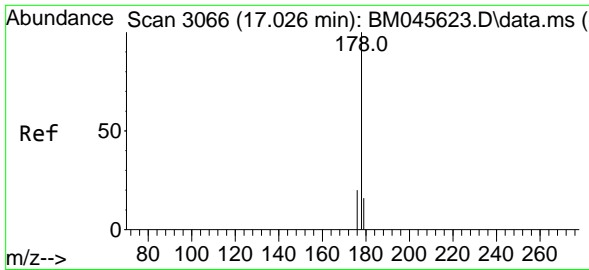


#12
 Fluorene
 Concen: 0.109 ng/u1
 RT: 15.255 min Scan# 2662
 Delta R.T. -0.023 min
 Lab File: BM045633.D
 Acq: 30 Apr 2024 01:18



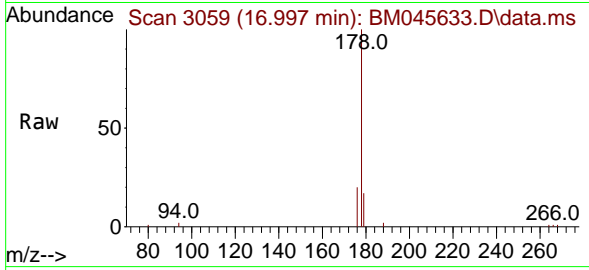
Tgt Ion:166 Resp: 628
 Ion Ratio Lower Upper
 166 100
 165 97.8 82.2 123.2
 167 24.9 14.8 22.2#





#15
 Phenanthrene
 Concen: 0.848 ng/ul m
 RT: 16.997 min Scan# 3081
 Delta R.T. -0.030 min
 Lab File: BM045633.D
 Acq: 30 Apr 2024 01:18

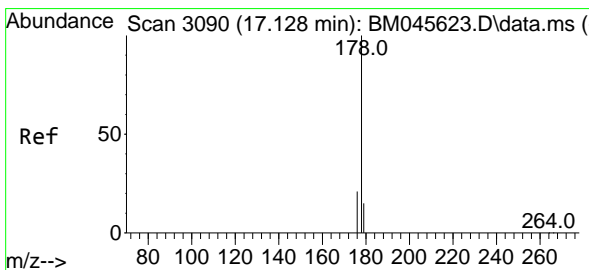
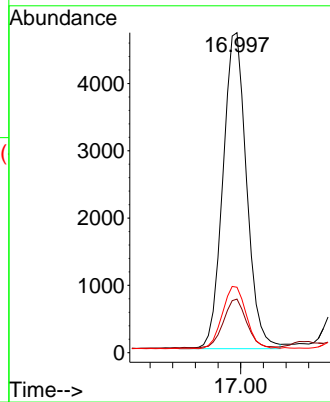
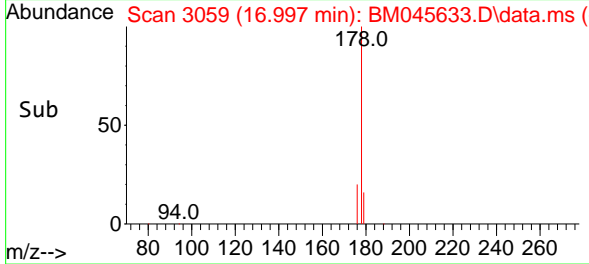
Instrument :
 BNA_M
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 COAE8



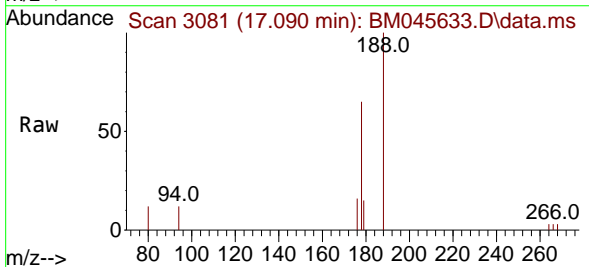
Tgt Ion:178 Resp: 681
 Ion Ratio Lower Upper
 178 100
 179 16.7 15.4 23.2
 176 20.5 19.0 28.4

Manual Integrations
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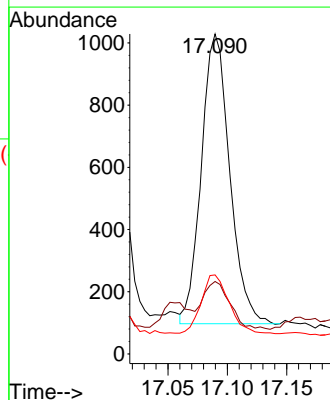
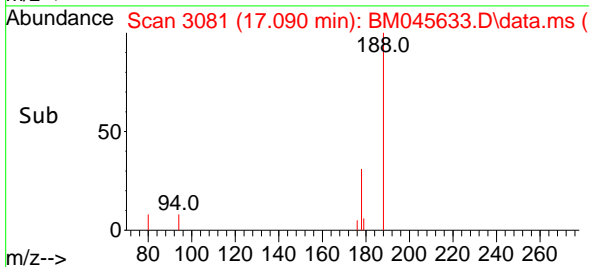
Reviewed By :Yogesh Patel 05/02/2024
 Supervised By :mohammad ahmed 05/02/2024

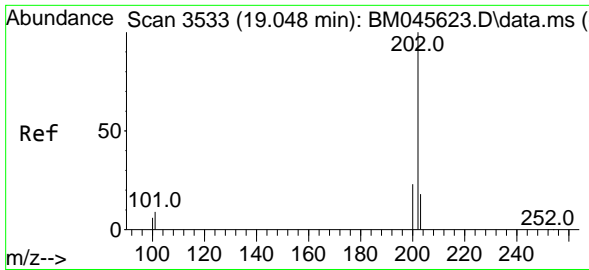


#16
 Anthracene
 Concen: 0.206 ng/ul
 RT: 17.090 min Scan# 3081
 Delta R.T. -0.038 min
 Lab File: BM045633.D
 Acq: 30 Apr 2024 01:18



Tgt Ion:178 Resp: 1548
 Ion Ratio Lower Upper
 178 100
 179 22.6 17.8 26.6
 176 24.7 18.7 28.1





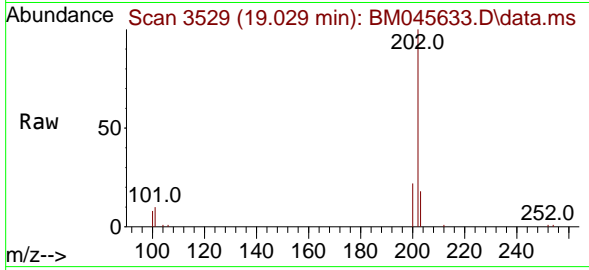
#19
 Fluoranthene
 Concen: 1.116 ng/u1
 RT: 19.029 min Scan# 3529
 Delta R.T. -0.019 min
 Lab File: BM045633.D
 Acq: 30 Apr 2024 01:18

Instrument :

BNA_M

ClientSampleId :

COAE8



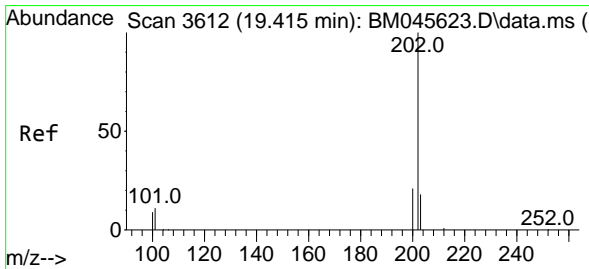
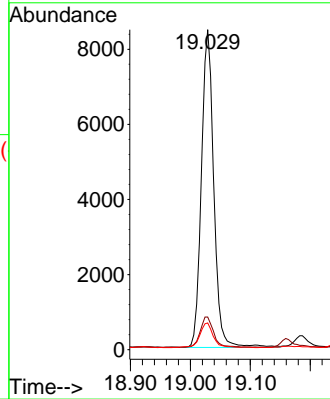
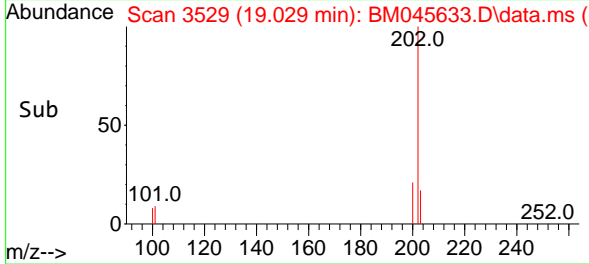
Tgt Ion:202 Resp: 12128
 Ion Ratio Lower Upper
 202 100
 101 10.2 11.2 16.8
 100 8.3 9.1 13.7

Manual Integrations

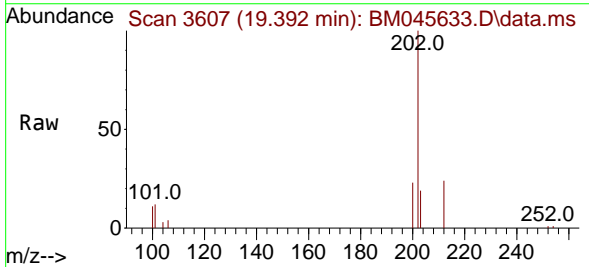
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Reviewed By :Yogesh Patel 05/02/2024

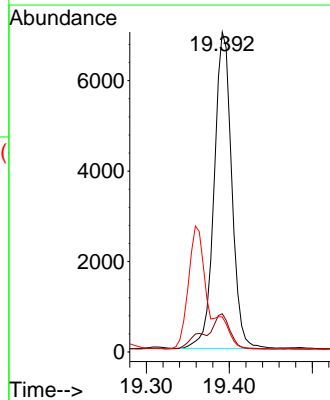
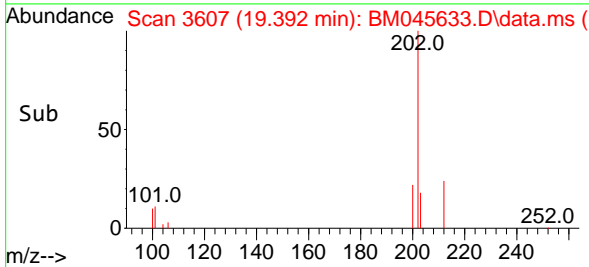
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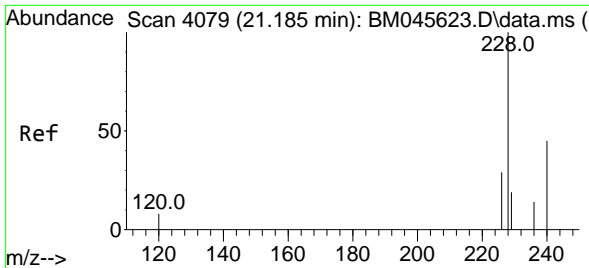


#20
 Pyrene
 Concen: 0.918 ng/u1
 RT: 19.392 min Scan# 3607
 Delta R.T. -0.023 min
 Lab File: BM045633.D
 Acq: 30 Apr 2024 01:18



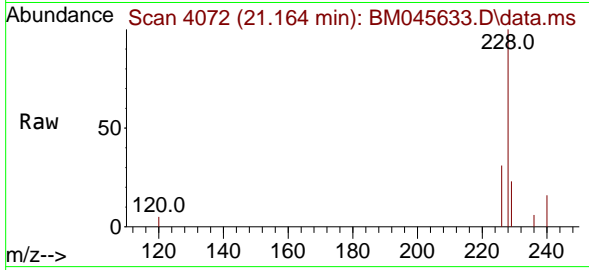
Tgt Ion:202 Resp: 10257
 Ion Ratio Lower Upper
 202 100
 101 12.0 11.5 17.3
 100 11.0 10.6 15.8





#21
 Benzo(a)anthracene
 Concen: 0.785 ng/uI
 RT: 21.164 min Scan# 4072
 Delta R.T. -0.020 min
 Lab File: BM045633.D
 Acq: 30 Apr 2024 01:18

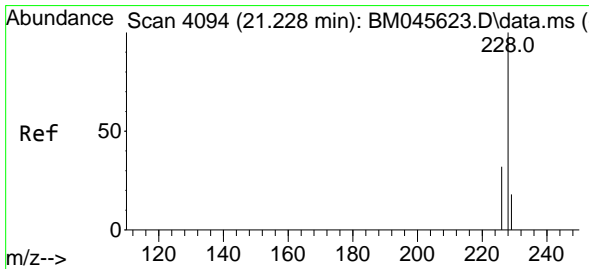
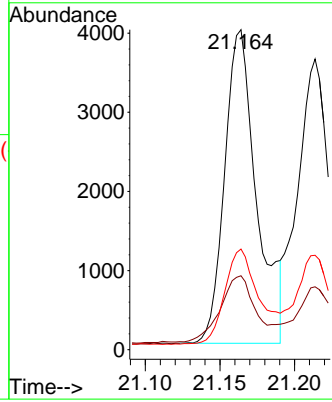
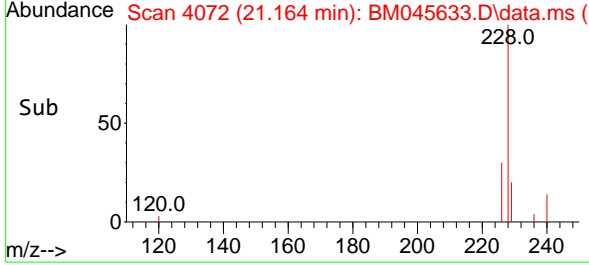
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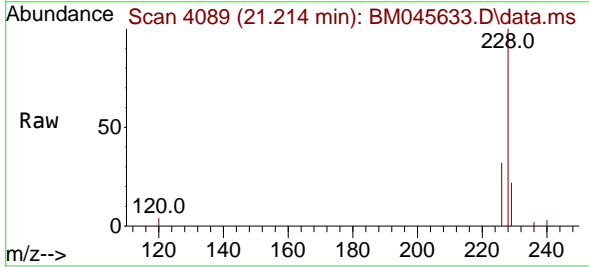
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 Ion Ratio Lower Upper
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 229 23.1 19.4 29.2
 226 31.5 26.3 39.5

Manual Integrations
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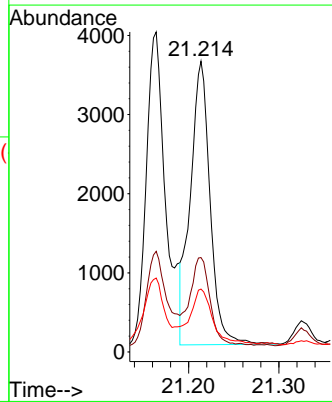
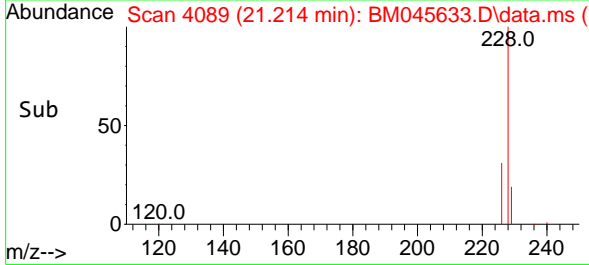
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 Supervised By :mohammad ahmed 05/02/2024

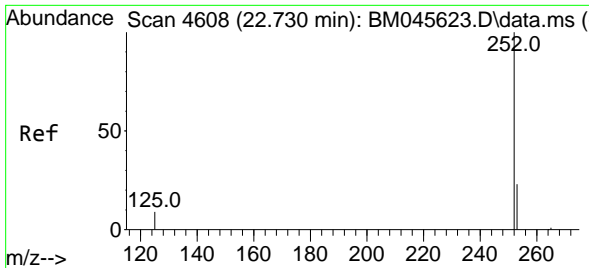


#22
 Chrysene
 Concen: 0.471 ng/uI
 RT: 21.214 min Scan# 4089
 Delta R.T. -0.015 min
 Lab File: BM045633.D
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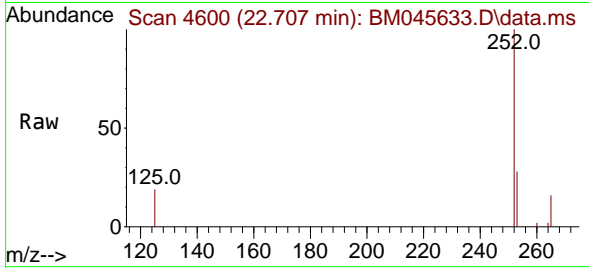
Tgt Ion:228 Resp: 5452
 Ion Ratio Lower Upper
 228 100
 226 32.5 26.3 39.5
 229 21.6 17.8 26.8





#24
 Benzo(b)fluoranthene
 Concen: 0.889 ng/ul m
 RT: 22.707 min Scan# 4600
 Delta R.T. -0.023 min
 Lab File: BM045633.D
 Acq: 30 Apr 2024 01:18

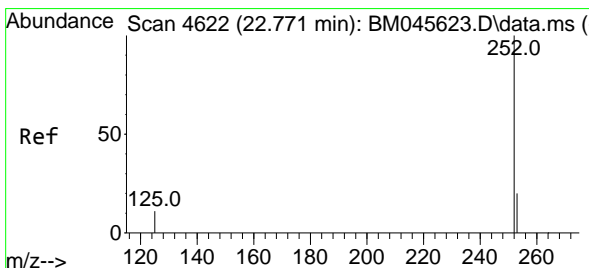
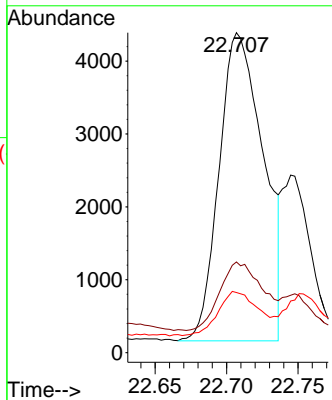
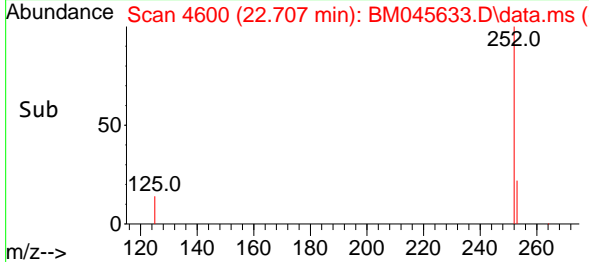
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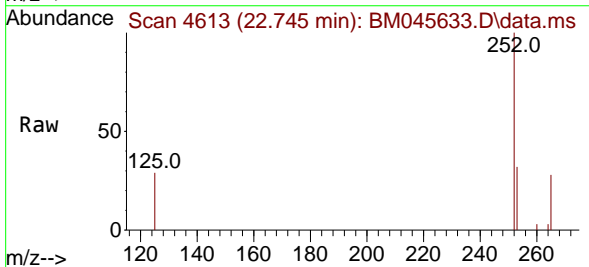
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 Ion Ratio Lower Upper
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 125 18.8 0.0 36.8

Manual Integrations
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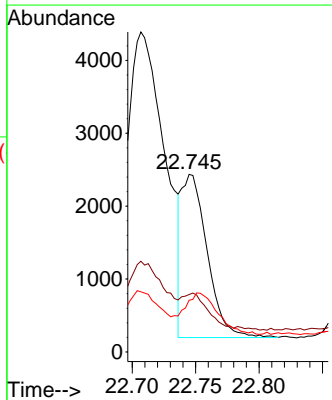
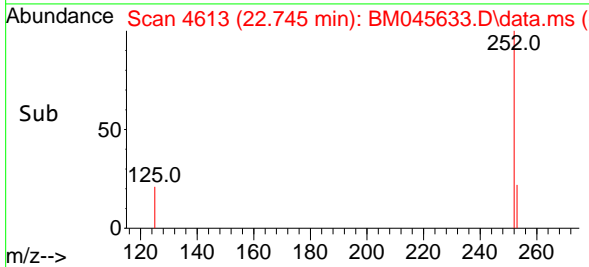
Reviewed By :Yogesh Patel 05/02/2024
 Supervised By :mohammad ahmed 05/02/2024

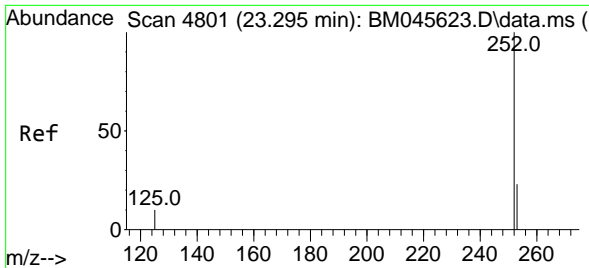


#25
 Benzo(k)fluoranthene
 Concen: 0.243 ng/ul m
 RT: 22.745 min Scan# 4613
 Delta R.T. -0.026 min
 Lab File: BM045633.D
 Acq: 30 Apr 2024 01:18



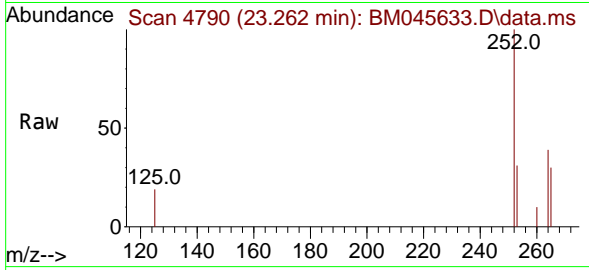
Tgt Ion:252 Resp: 3143
 Ion Ratio Lower Upper
 252 100
 253 32.3 25.4 38.0
 125 29.1 14.8 22.2#





#26
 Benzo(a)pyrene
 Concen: 0.567 ng/u1
 RT: 23.262 min Scan# 41
 Delta R.T. -0.032 min
 Lab File: BM045633.D
 Acq: 30 Apr 2024 01:18

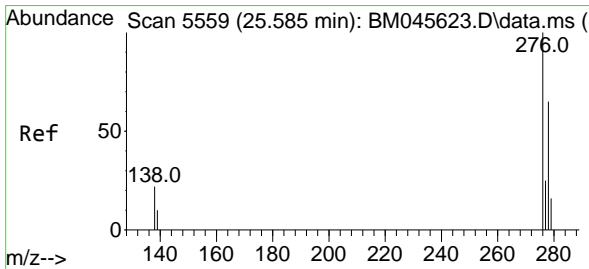
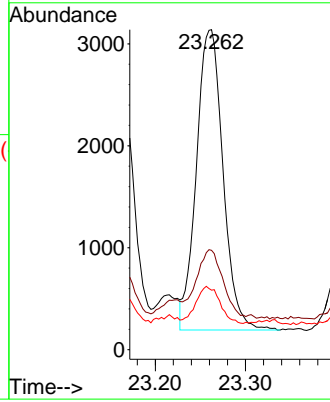
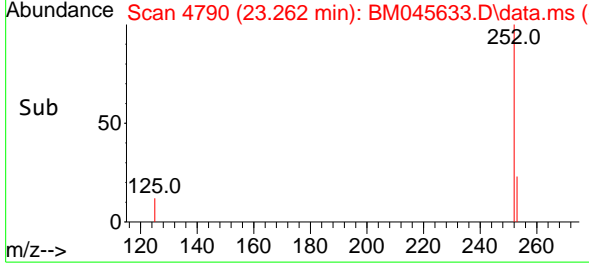
Instrument : BNA_M
 ClientSampleId : COAE8



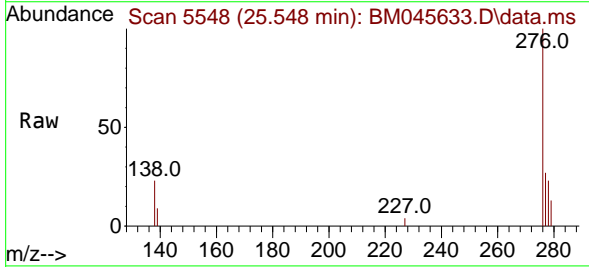
Tgt Ion:252 Resp: 603
 Ion Ratio Lower Upper
 252 100
 253 31.1 31.6 47.4
 125 18.6 19.5 29.3

Manual Integrations
 APPROVED

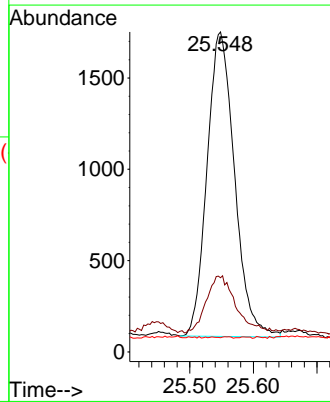
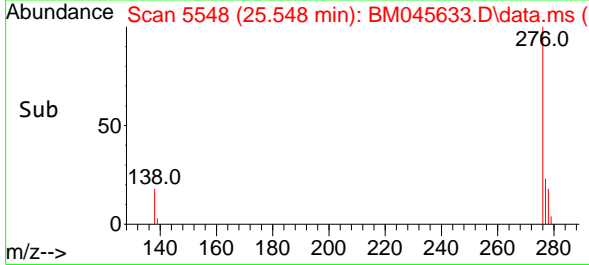
Reviewed By :Yogesh Patel 05/02/2024
 Supervised By :mohammad ahmed 05/02/2024

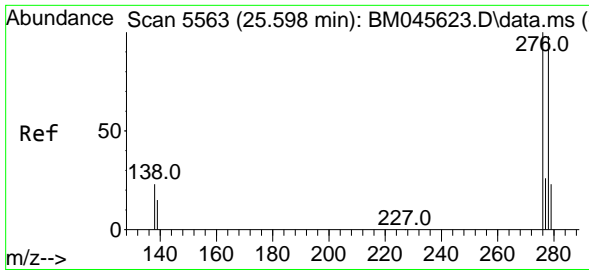


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.324 ng/u1
 RT: 25.548 min Scan# 5548
 Delta R.T. -0.037 min
 Lab File: BM045633.D
 Acq: 30 Apr 2024 01:18



Tgt Ion:276 Resp: 5007
 Ion Ratio Lower Upper
 276 100
 138 20.2 19.8 29.6
 227 0.1 0.2 0.2





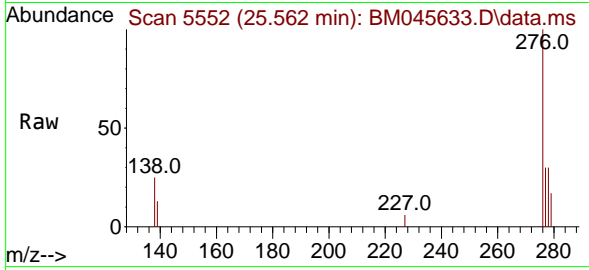
#28
 Dibenzo(a,h)anthracene
 Concen: 0.097 ng/ul
 RT: 25.562 min Scan# 51
 Delta R.T. -0.037 min
 Lab File: BM045633.D
 Acq: 30 Apr 2024 01:18

Instrument :

BNA_M

ClientSampleId :

C0AE8



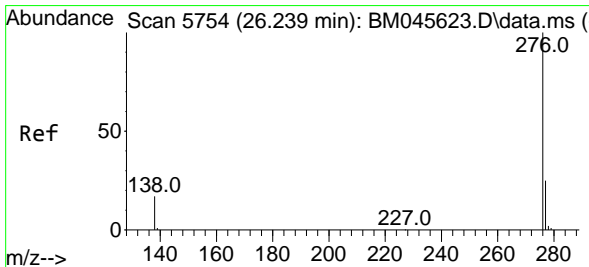
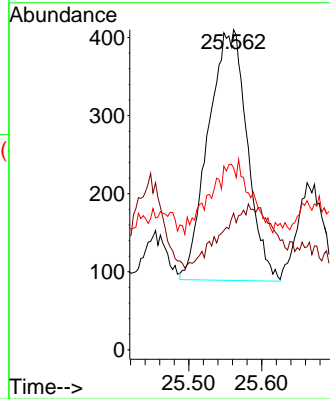
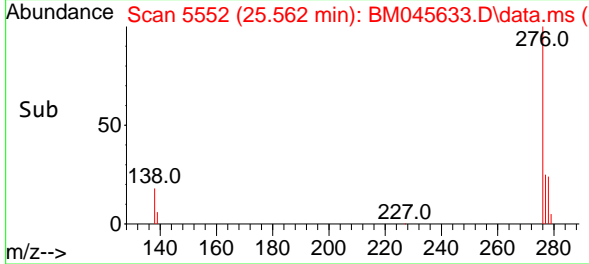
Tgt Ion:278 Resp: 1190
 Ion Ratio Lower Upper
 278 100
 139 42.7 19.0 28.6
 279 56.8 29.4 44.2

Manual Integrations

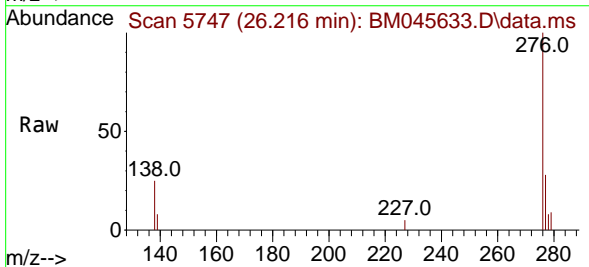
APPROVED

Reviewed By :Yogesh Patel 05/02/2024

Supervised By :mohammad ahmed 05/02/2024



#29
 Benzo(g,h,i)perylene
 Concen: 0.360 ng/ul
 RT: 26.216 min Scan# 5747
 Delta R.T. -0.023 min
 Lab File: BM045633.D
 Acq: 30 Apr 2024 01:18



Tgt Ion:276 Resp: 4996
 Ion Ratio Lower Upper
 276 100
 138 25.3 20.8 31.2
 277 28.0 21.8 32.8

