

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046089.D
 Acq On : 19 Jun 2024 17:00
 Operator : MA/JU
 Sample : P2695-05DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BJ7DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 19 17:32:43 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	7.442	152	2508	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.248	136	6884	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.094	164	3886	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.840	188	7403	0.400	ng/ul	-0.02
17) Chrysene-d12	21.029	240	6508	0.400	ng/ul	-0.01
23) Perylene-d12	23.122	264	7965m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.042	96	2197	0.638	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.887	152	375	0.041	ng/ul	0.02
18) Fluoranthene-d10	18.866	212	883	0.045	ng/ul	-0.02
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.816	152	1016	0.055	ng/ul#	77
11) Acenaphthene	14.158	153	422	0.032	ng/ul#	92
12) Fluorene	15.158	166	514	0.036	ng/ul#	94
15) Phenanthrene	16.878	178	12762	0.614	ng/ul	98
16) Anthracene	16.971	178	2331	0.150	ng/ul#	88
19) Fluoranthene	18.894	202	36572	1.298	ng/ul	97
20) Pyrene	19.256	202	26985	0.886	ng/ul	97
21) Benzo(a)anthracene	21.012	228	16237	0.646	ng/ul	99
22) Chrysene	21.064	228	17519	0.546	ng/ul	99
24) Benzo(b)fluoranthene	22.505	252	28004m	0.976	ng/ul	
25) Benzo(k)fluoranthene	22.543	252	12387m	0.363	ng/ul	
26) Benzo(a)pyrene	23.031	252	9902	0.372	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.175	276	11937	0.274	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.175	278	3436	0.106	ng/ul#	76
29) Benzo(g,h,i)perylene	25.799	276	1917	0.051	ng/ul#	60

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

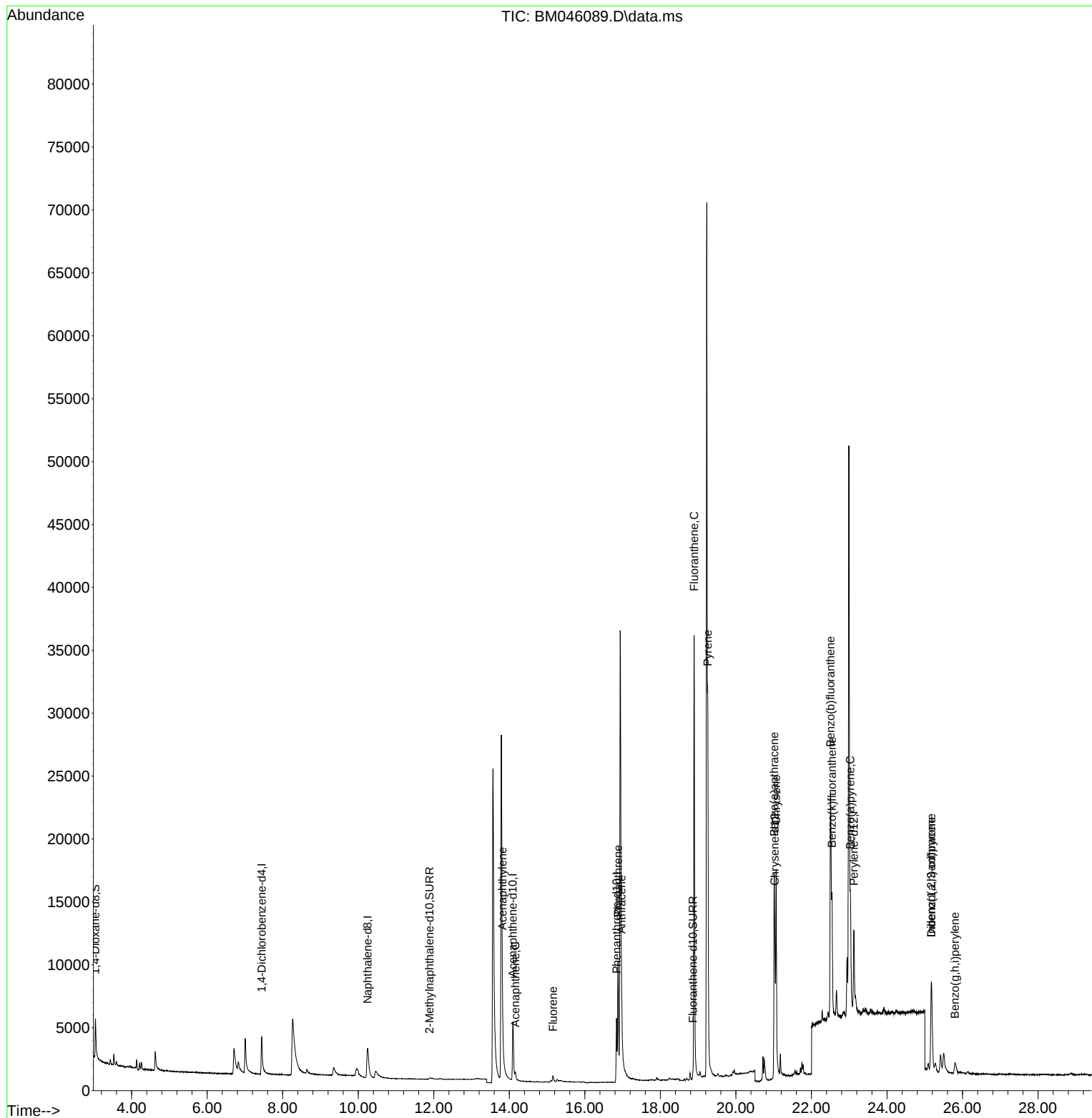
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046089.D
Acq On : 19 Jun 2024 17:00
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Sample : P2695-05DL 5X
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ALS Vial : 5 Sample Multiplier: 1

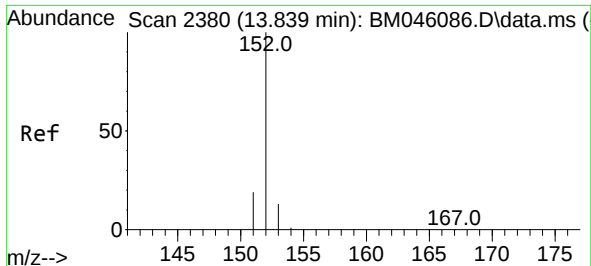
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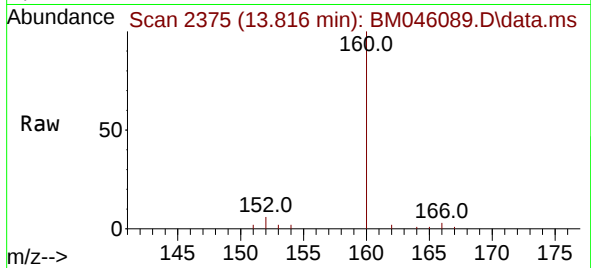
Quant Time: Jun 19 17:32:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.055 ng/u1
RT: 13.816 min Scan# 2100
Delta R.T. -0.019 min
Lab File: BM046089.D
Acq: 19 Jun 2024 17:00

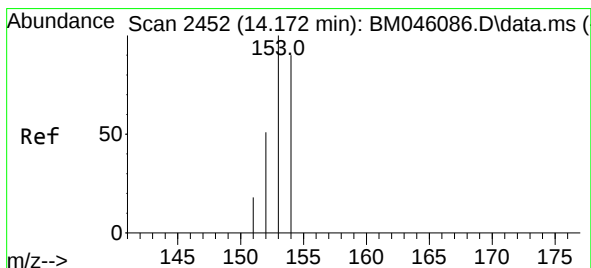
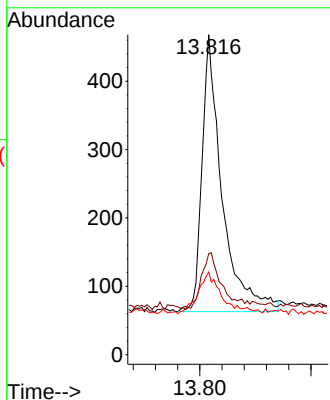
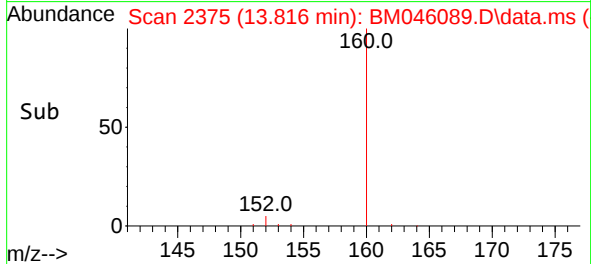
Instrument :
BNA_M
ClientSampleId :
A4BJ7DL



Tgt Ion:152 Resp: 1010
Ion Ratio Lower Upper
152 100
151 31.6 17.4 26.2
153 25.9 11.8 17.8

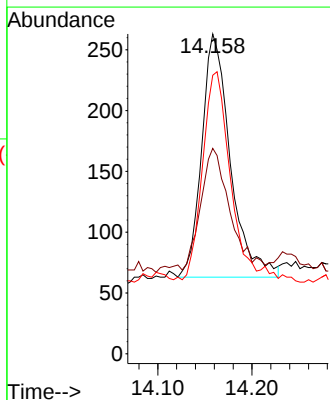
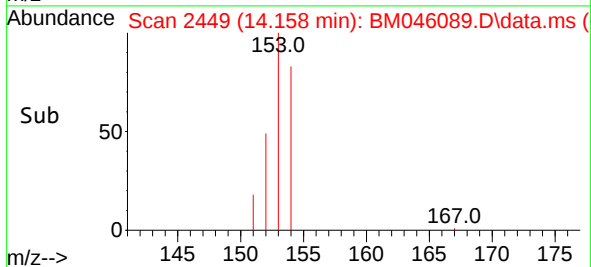
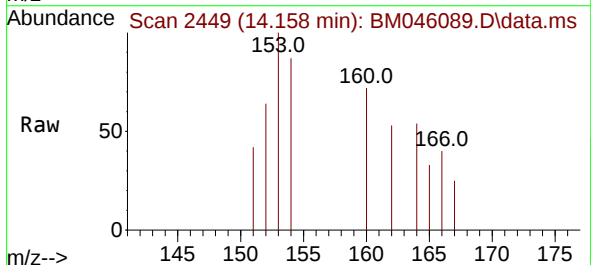
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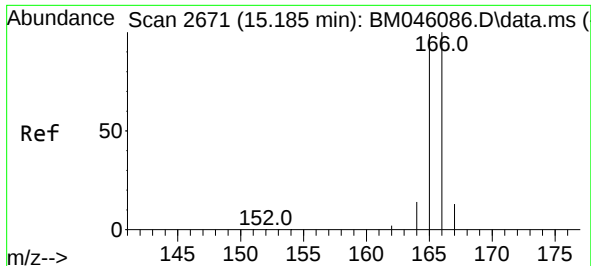
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#11
Acenaphthene
Concen: 0.032 ng/u1
RT: 14.158 min Scan# 2449
Delta R.T. -0.014 min
Lab File: BM046089.D
Acq: 19 Jun 2024 17:00

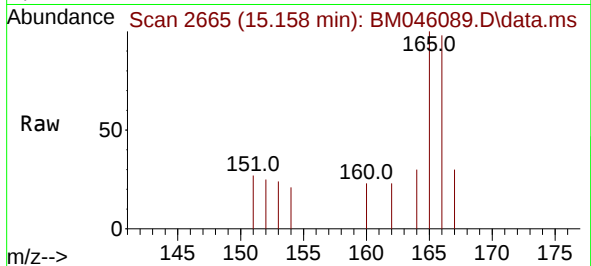
Tgt Ion:153 Resp: 422
Ion Ratio Lower Upper
153 100
152 64.3 41.3 61.9
154 87.1 68.2 102.4





#12
Fluorene
Concen: 0.036 ng/uI
RT: 15.158 min Scan# 20
Delta R.T. -0.023 min
Lab File: BM046089.D
Acq: 19 Jun 2024 17:00

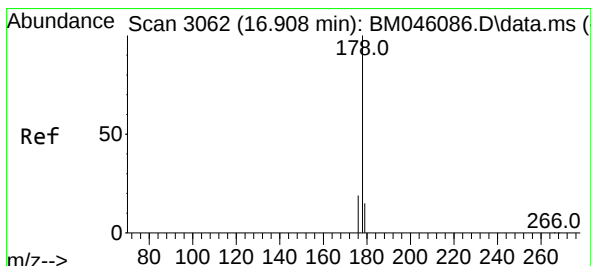
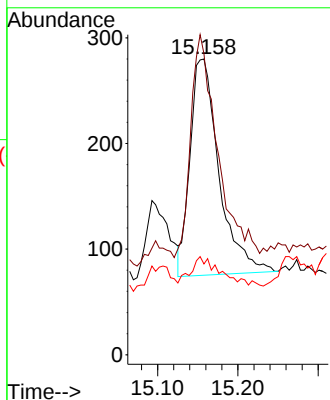
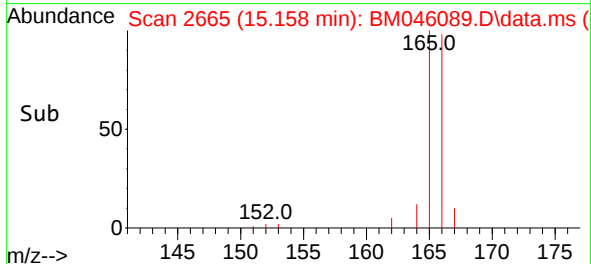
Instrument :
BNA_M
ClientSampleId :
A4BJ7DL



Tgt Ion:166 Resp: 514
Ion Ratio Lower Upper
166 100
165 101.8 80.4 120.6
167 30.7 12.4 18.6

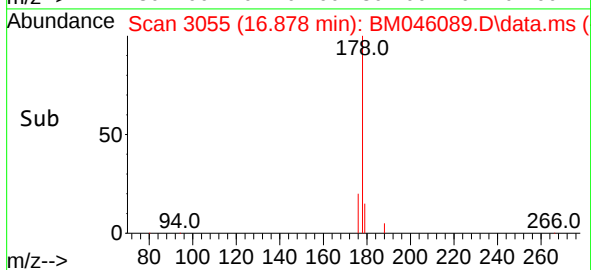
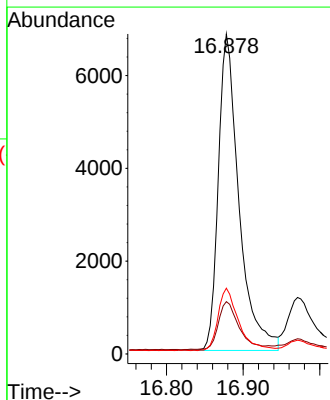
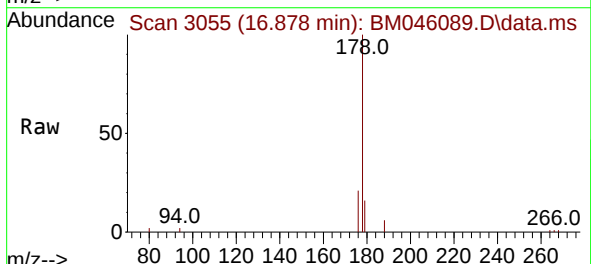
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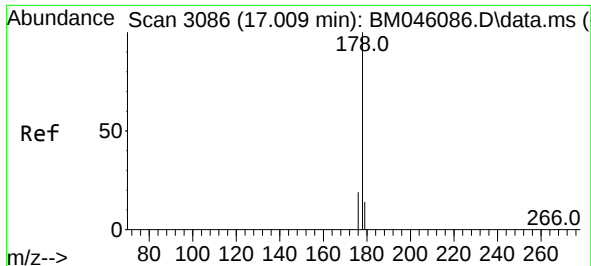
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#15
Phenanthrene
Concen: 0.614 ng/uI
RT: 16.878 min Scan# 3055
Delta R.T. -0.025 min
Lab File: BM046089.D
Acq: 19 Jun 2024 17:00

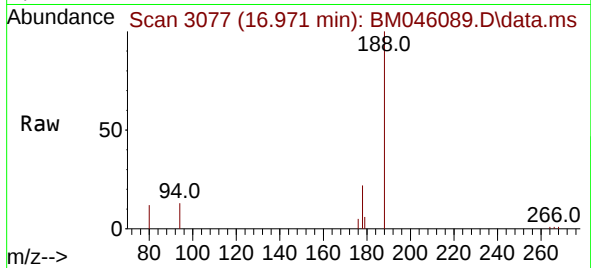
Tgt Ion:178 Resp: 12762
Ion Ratio Lower Upper
178 100
179 16.3 14.2 21.2
176 20.5 17.1 25.7





#16
 Anthracene
 Concen: 0.150 ng/ul
 RT: 16.971 min Scan# 3086
 Delta R.T. -0.034 min
 Lab File: BM046089.D
 Acq: 19 Jun 2024 17:00

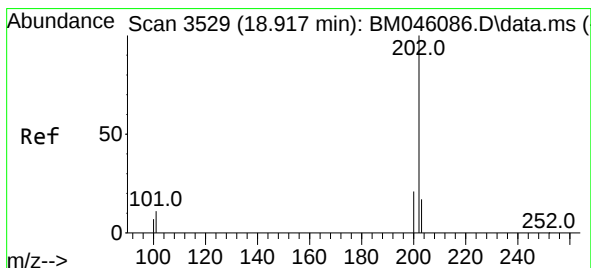
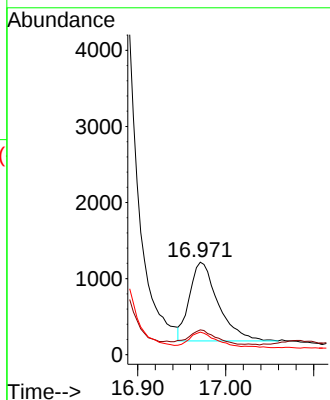
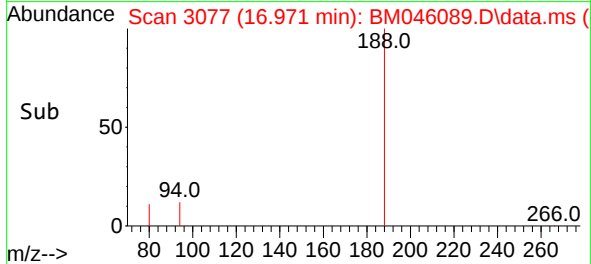
Instrument :
 BNA_M
 ClientSampleId :
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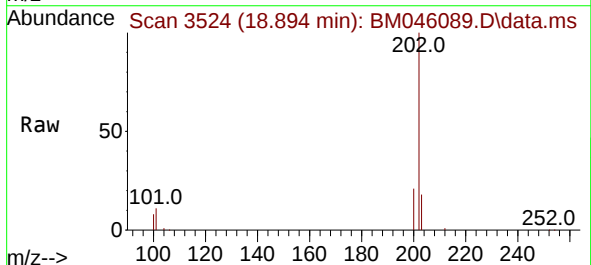
Tgt Ion:178 Resp: 233
 Ion Ratio Lower Upper
 178 100
 179 26.9 14.9 22.3
 176 24.3 17.0 25.4

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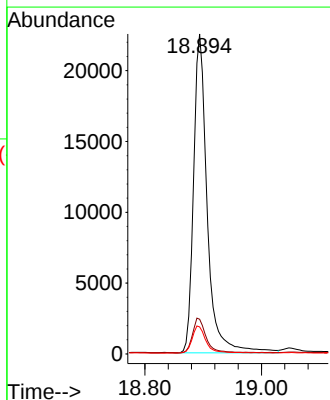
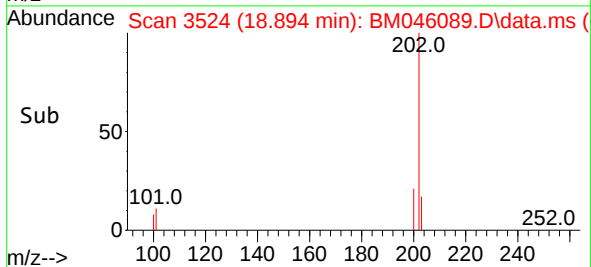
Reviewed By :Jagrut Upadhyay 06/20/2024
 Supervised By :mohammad ahmed 06/21/2024

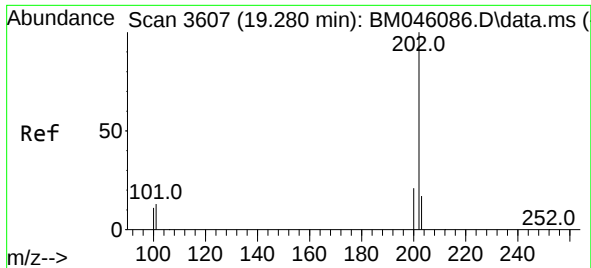


#19
 Fluoranthene
 Concen: 1.298 ng/ul
 RT: 18.894 min Scan# 3524
 Delta R.T. -0.023 min
 Lab File: BM046089.D
 Acq: 19 Jun 2024 17:00



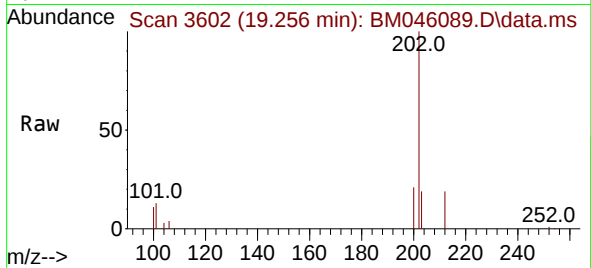
Tgt Ion:202 Resp: 36572
 Ion Ratio Lower Upper
 202 100
 101 10.9 9.6 14.4
 100 8.5 7.6 11.4





#20
Pyrene
Concen: 0.886 ng/u1
RT: 19.256 min Scan# 30
Delta R.T. -0.019 min
Lab File: BM046089.D
Acq: 19 Jun 2024 17:00

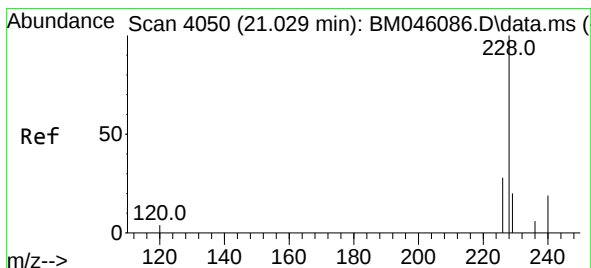
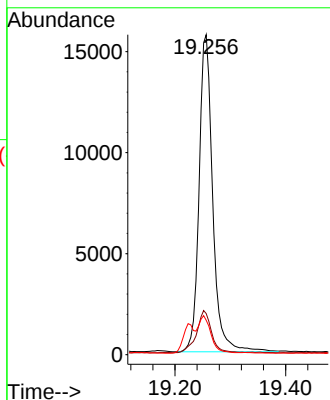
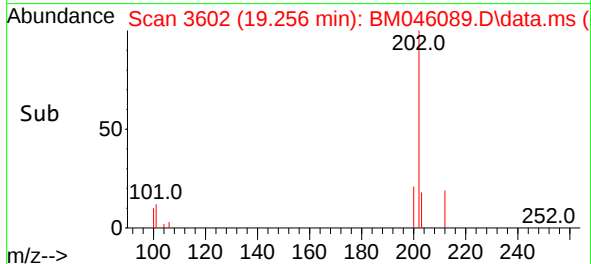
Instrument :
BNA_M
ClientSampleId :
A4BJ7DL



Tgt Ion:202 Resp: 2698
Ion Ratio Lower Upper
202 100
101 12.9 11.3 16.9
100 10.8 9.8 14.6

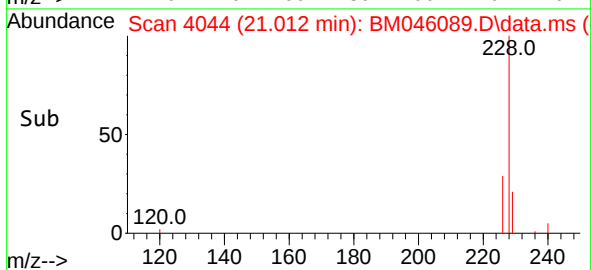
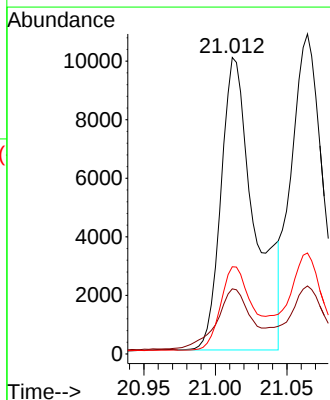
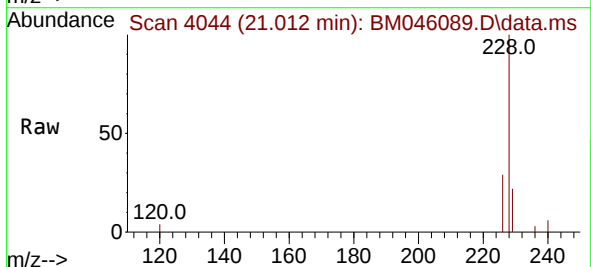
Manual Integrations
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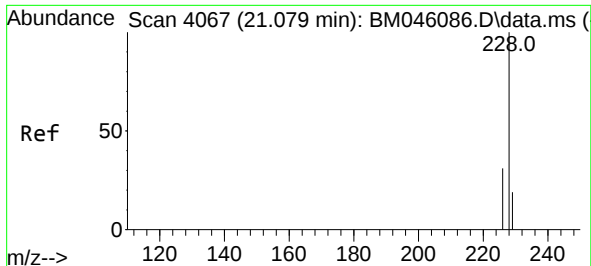
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#21
Benzo(a)anthracene
Concen: 0.646 ng/u1
RT: 21.012 min Scan# 4044
Delta R.T. -0.018 min
Lab File: BM046089.D
Acq: 19 Jun 2024 17:00

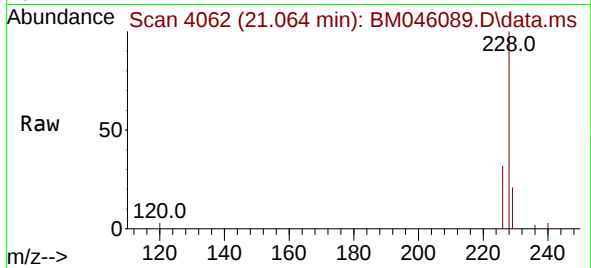
Tgt Ion:228 Resp: 16237
Ion Ratio Lower Upper
228 100
229 22.0 16.4 24.6
226 29.4 23.4 35.2





#22
Chrysene
Concen: 0.546 ng/ul
RT: 21.064 min Scan# 4062
Delta R.T. -0.012 min
Lab File: BM046089.D
Acq: 19 Jun 2024 17:00

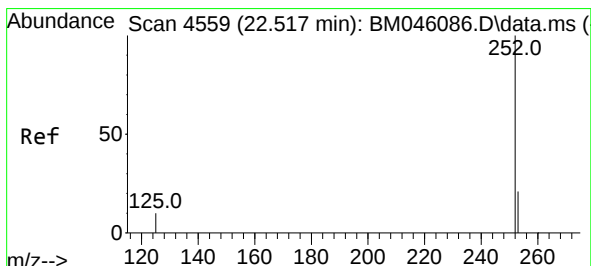
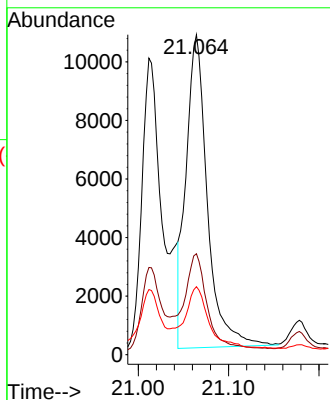
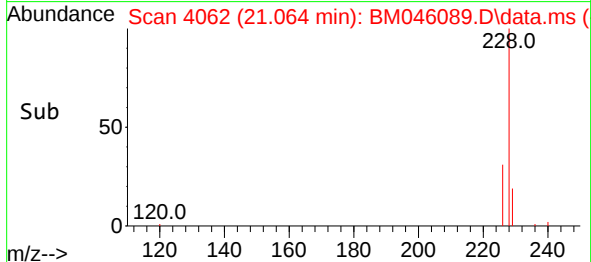
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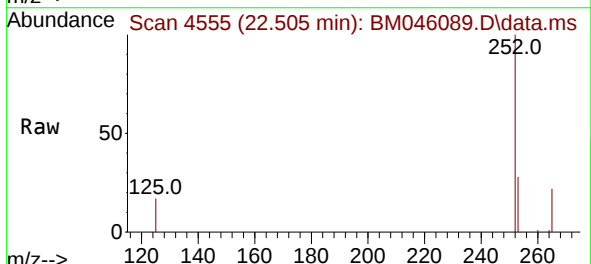
Tgt Ion:228 Resp: 17519
Ion Ratio Lower Upper
228 100
226 31.6 25.2 37.8
229 21.2 16.3 24.5

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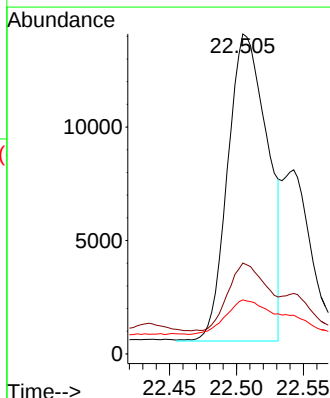
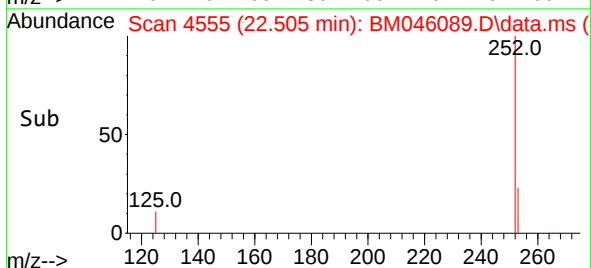
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

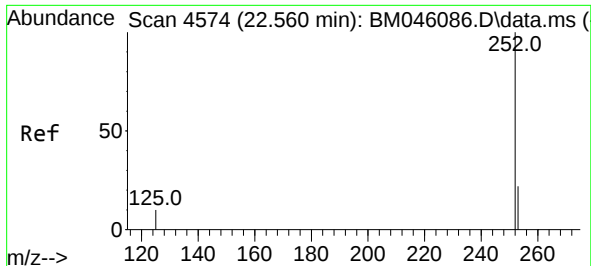


#24
Benzo(b)fluoranthene
Concen: 0.976 ng/ul m
RT: 22.505 min Scan# 4555
Delta R.T. -0.015 min
Lab File: BM046089.D
Acq: 19 Jun 2024 17:00



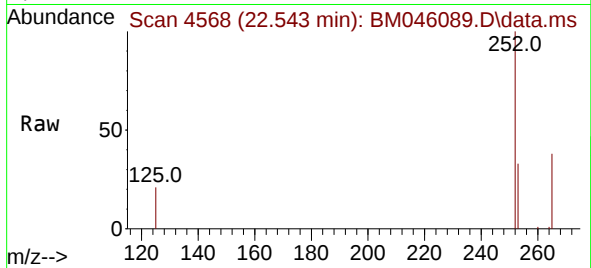
Tgt Ion:252 Resp: 28004
Ion Ratio Lower Upper
252 100
253 28.4 0.0 65.8
125 16.9 0.0 40.2





#25
Benzo(k)fluoranthene
Concen: 0.363 ng/ul m
RT: 22.543 min Scan# 4568
Delta R.T. -0.021 min
Lab File: BM046089.D
Acq: 19 Jun 2024 17:00

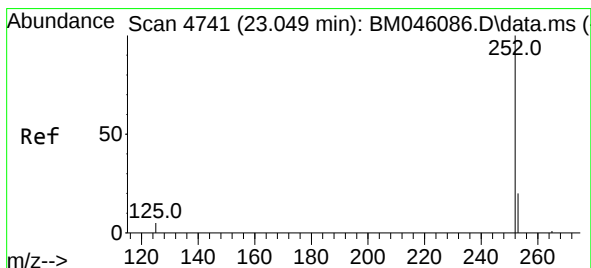
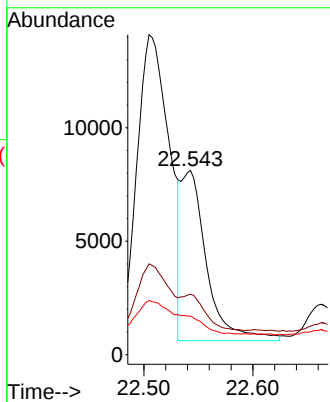
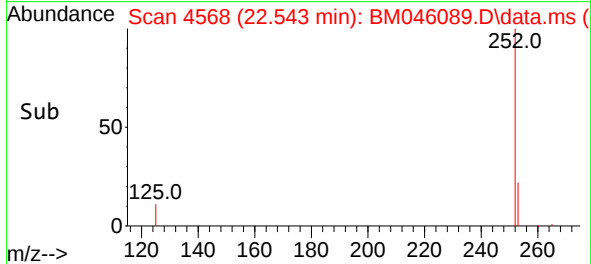
Instrument :
BNA_M
ClientSampleId :
A4BJ7DL



Tgt Ion:252 Resp: 1238
Ion Ratio Lower Upper
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253 32.9 27.2 40.8
125 21.0 16.6 25.0

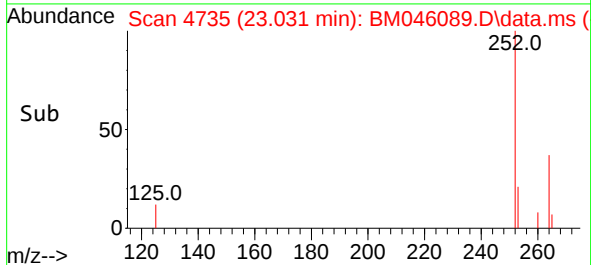
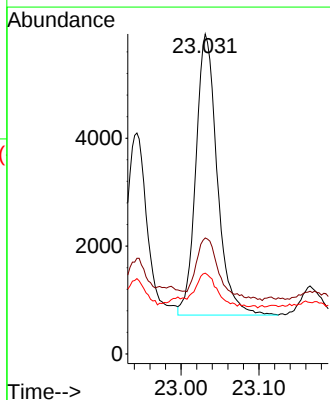
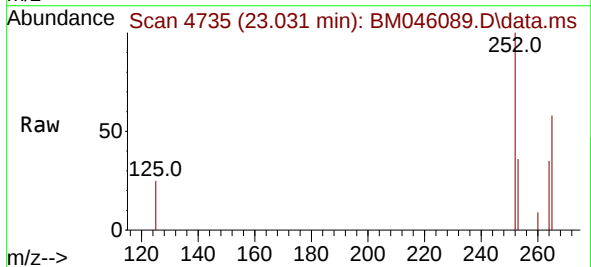
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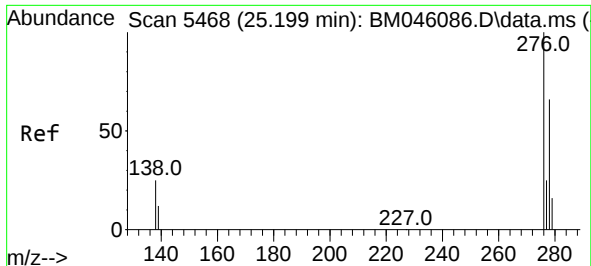
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#26
Benzo(a)pyrene
Concen: 0.372 ng/ul
RT: 23.031 min Scan# 4735
Delta R.T. -0.023 min
Lab File: BM046089.D
Acq: 19 Jun 2024 17:00

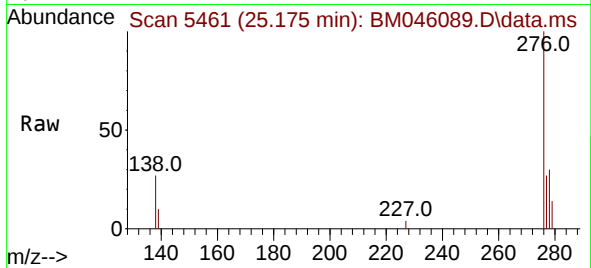
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Ion Ratio Lower Upper
252 100
253 36.3 32.1 48.1
125 25.2 21.2 31.8





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.274 ng/ul
RT: 25.175 min Scan# 5461
Delta R.T. -0.027 min
Lab File: BM046089.D
Acq: 19 Jun 2024 17:00

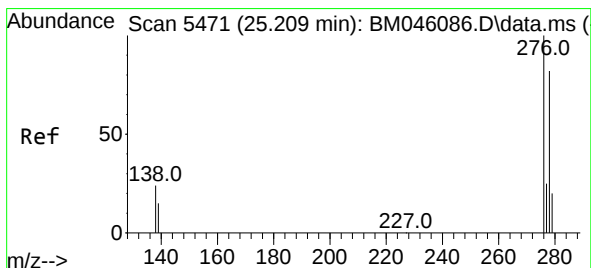
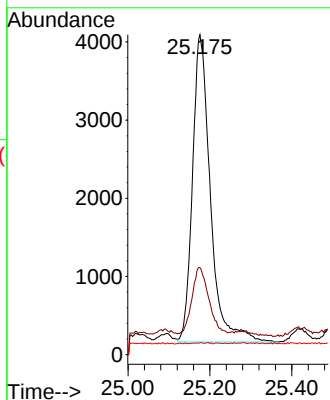
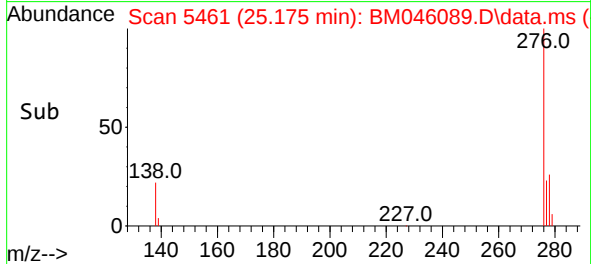
Instrument :
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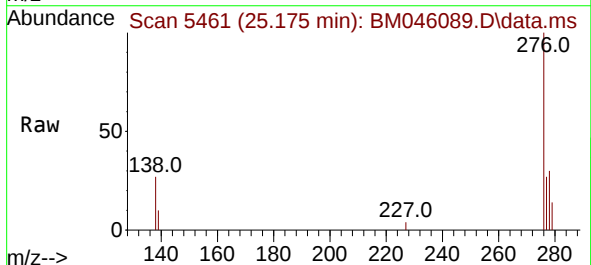
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Ion Ratio Lower Upper
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138 19.9 21.0 31.4#
227 0.1 0.0 0.0#

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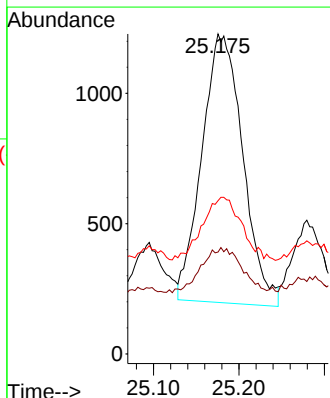
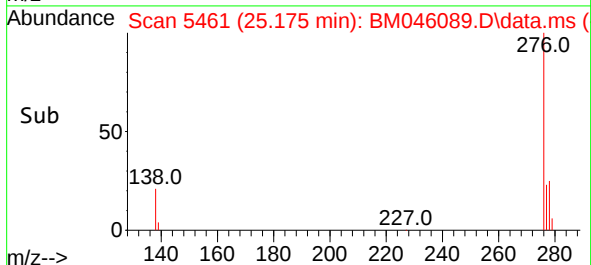
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

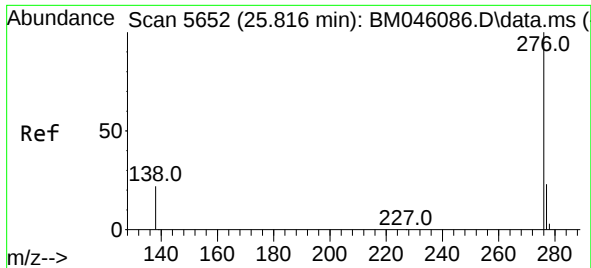


#28
Dibenzo(a,h)anthracene
Concen: 0.106 ng/ul
RT: 25.175 min Scan# 5461
Delta R.T. -0.040 min
Lab File: BM046089.D
Acq: 19 Jun 2024 17:00



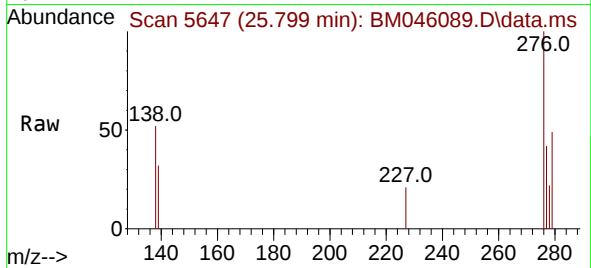
Tgt Ion:278 Resp: 3436
Ion Ratio Lower Upper
278 100
139 31.8 17.6 26.4#
279 47.9 26.3 39.5#





#29
Benzo(g,h,i)perylene
Concen: 0.051 ng/ul
RT: 25.799 min Scan# 5647
Delta R.T. -0.030 min
Lab File: BM046089.D
Acq: 19 Jun 2024 17:00

Instrument :
BNA_M
ClientSampleId :
A4BJ7DL



Tgt Ion: 276 Resp: 191
Ion Ratio Lower Upper
276 100
138 51.8 21.7 32.5
277 42.2 20.4 30.6

Manual Integrations
APPROVED

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

