

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072224\
 Data File : BM046763.D
 Acq On : 23 Jul 2024 00:43
 Operator : MA/JU
 Sample : P3201-04DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BZ2DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/23/2024

Quant Time: Jul 23 01:33:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 19 11:38:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.480	152	4616	0.400	ng/ul	0.00
4) Naphthalene-d8	10.238	136	8855	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.127	164	5594	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.879	188	11701	0.400	ng/ul	0.00
17) Chrysene-d12	21.087	240	9359	0.400	ng/ul	0.00
23) Perylene-d12	23.221	264	10307	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	2103	0.554	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.838	152	693	0.049	ng/ul	0.00
18) Fluoranthene-d10	18.918	212	1419	0.050	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.840	152	705	0.028	ng/ul#	78
11) Acenaphthene	14.187	153	366	0.021	ng/ul#	90
12) Fluorene	15.182	166	479	0.023	ng/ul#	90
15) Phenanthrene	16.922	178	7867	0.236	ng/ul	100
16) Anthracene	17.010	178	1744	0.054	ng/ul#	91
19) Fluoranthene	18.951	202	14707	0.383	ng/ul	99
20) Pyrene	19.313	202	13418	0.322	ng/ul	99
21) Benzo(a)anthracene	21.070	228	6305	0.152	ng/ul	94
22) Chrysene	21.122	228	7087	0.177	ng/ul	96
24) Benzo(b)fluoranthene	22.589	252	9320m	0.226	ng/ul	
25) Benzo(k)fluoranthene	22.627	252	3879m	0.096	ng/ul	
26) Benzo(a)pyrene	23.127	252	6268	0.185	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.329	276	5140	0.100	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.336	278	1308	0.032	ng/ul#	11
29) Benzo(g,h,i)perylene	25.970	276	5234	0.127	ng/ul#	91

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

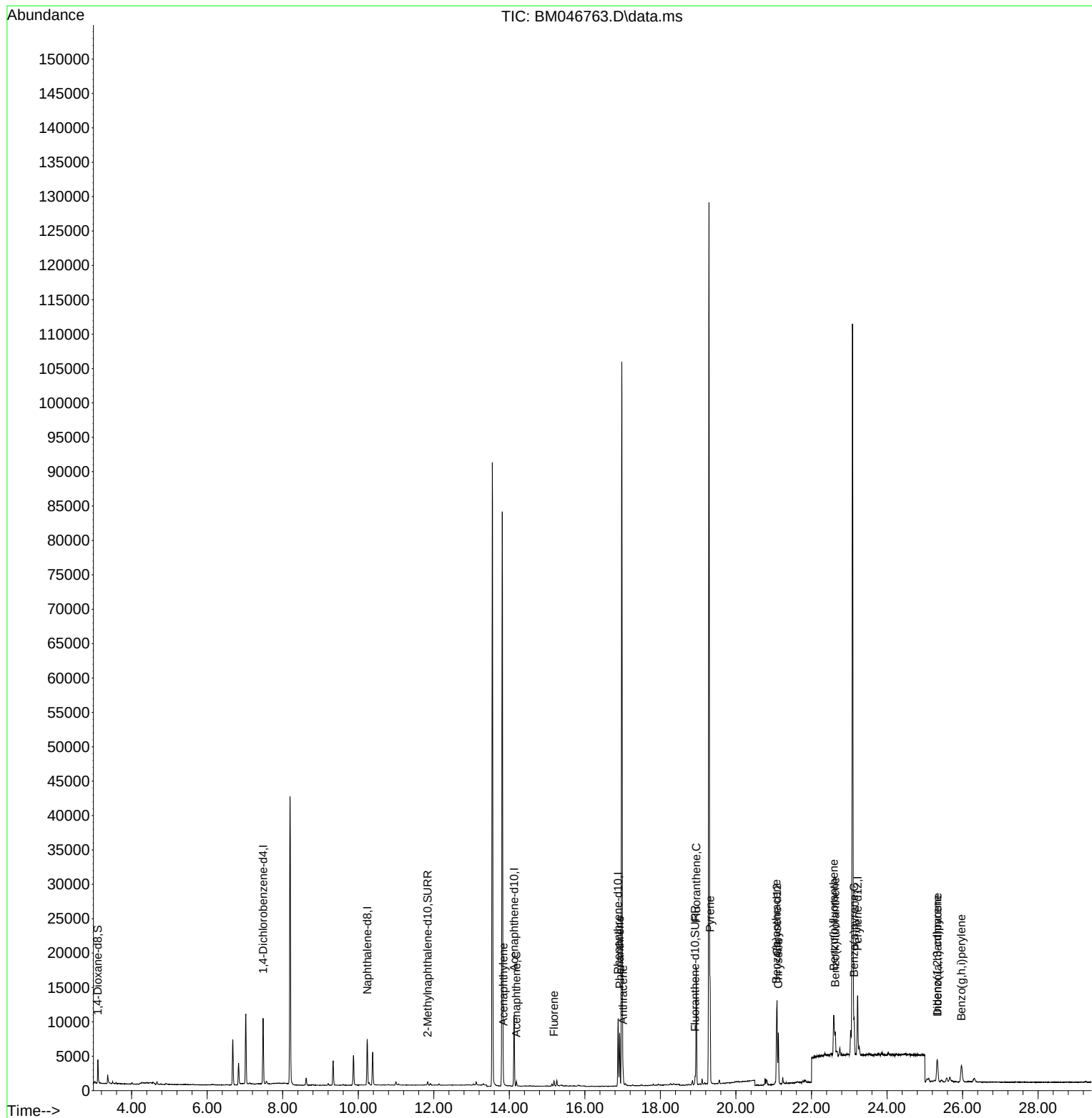
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072224\
Data File : BM046763.D
Acq On : 23 Jul 2024 00:43
Operator : MA/JU
Sample : P3201-04DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

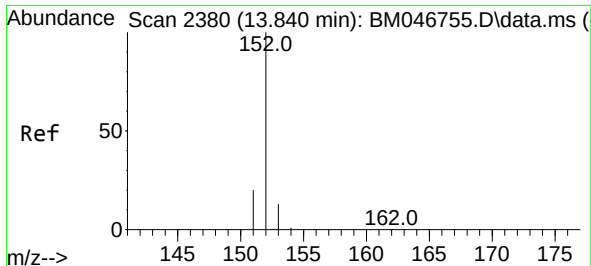
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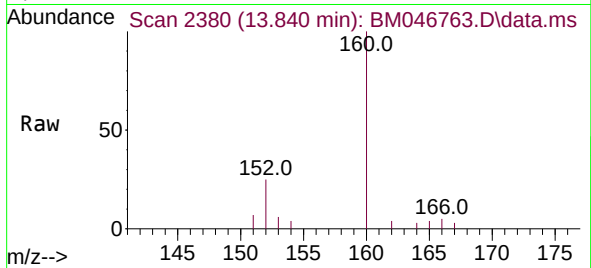
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 11:38:04 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.028 ng/u1
RT: 13.840 min Scan# 21
Delta R.T. -0.008 min
Lab File: BM046763.D
Acq: 23 Jul 2024 00:43

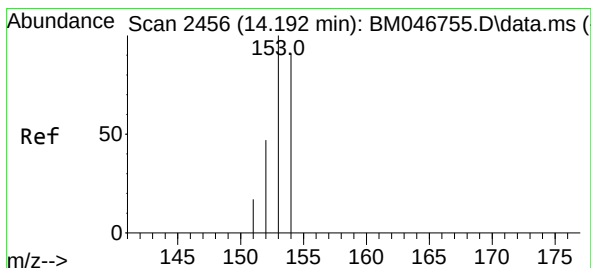
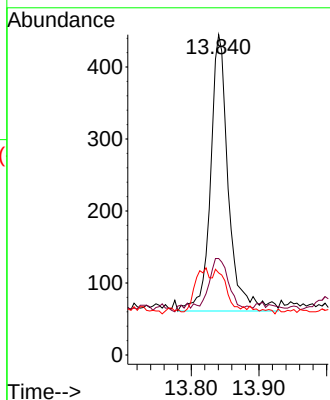
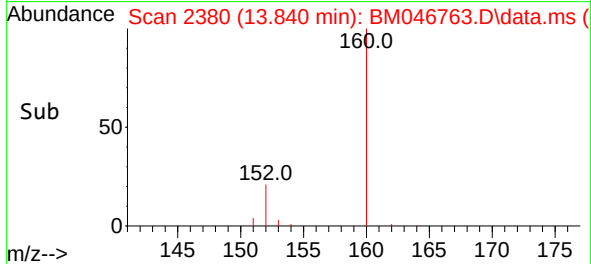
Instrument :
BNA_M
ClientSampleId :
A4BZ2DL



Tgt Ion:152 Resp: 709
Ion Ratio Lower Upper
152 100
151 30.1 16.4 24.6
153 25.6 12.4 18.6

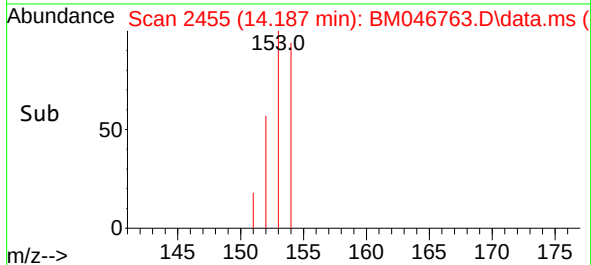
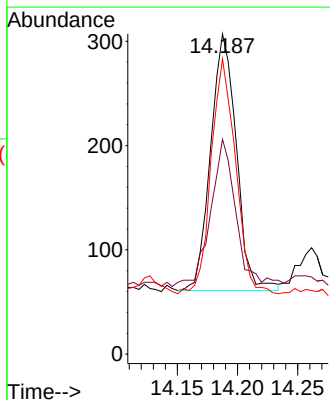
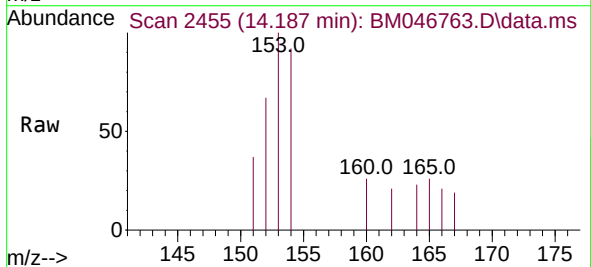
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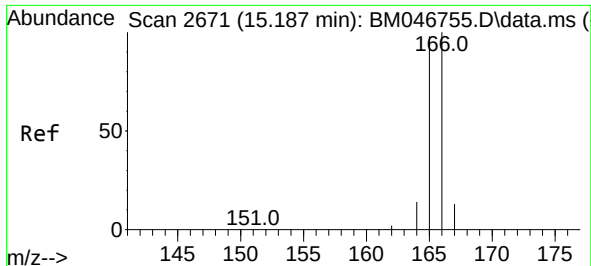
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#11
Acenaphthene
Concen: 0.021 ng/u1
RT: 14.187 min Scan# 2455
Delta R.T. -0.008 min
Lab File: BM046763.D
Acq: 23 Jul 2024 00:43

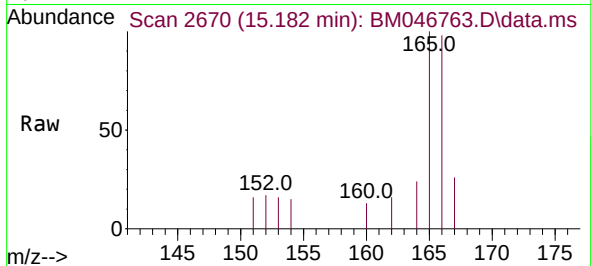
Tgt Ion:153 Resp: 366
Ion Ratio Lower Upper
153 100
152 67.1 43.0 64.6
154 92.2 69.9 104.9





#12
Fluorene
Concen: 0.023 ng/ul
RT: 15.182 min Scan# 2670
Delta R.T. -0.008 min
Lab File: BM046763.D
Acq: 23 Jul 2024 00:43

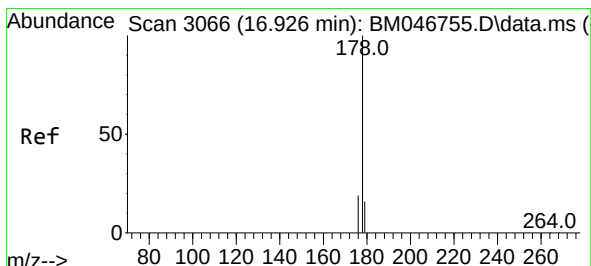
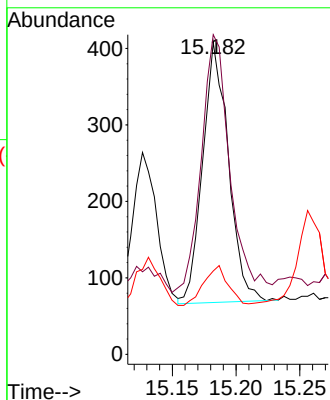
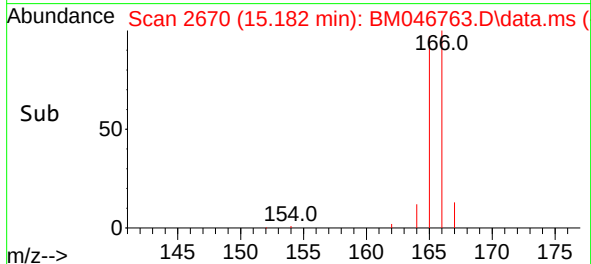
Instrument :
BNA_M
ClientSampleId :
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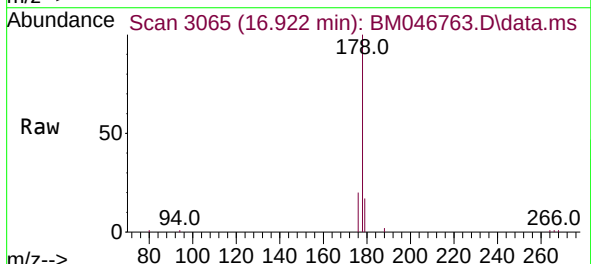
Tgt Ion:166 Resp: 479
Ion Ratio Lower Upper
166 100
165 102.5 76.1 114.1
167 26.7 12.5 18.7

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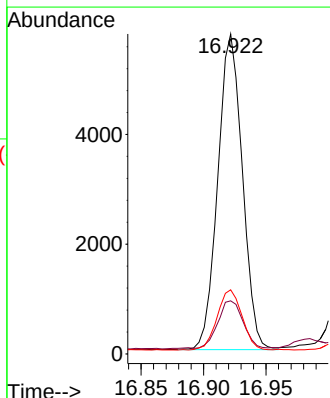
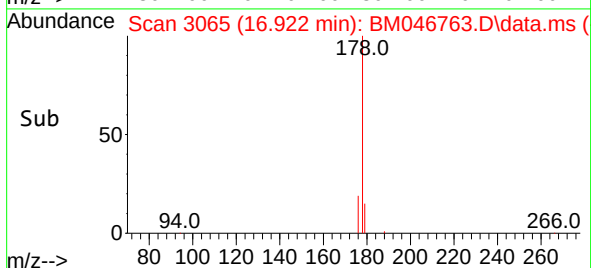
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

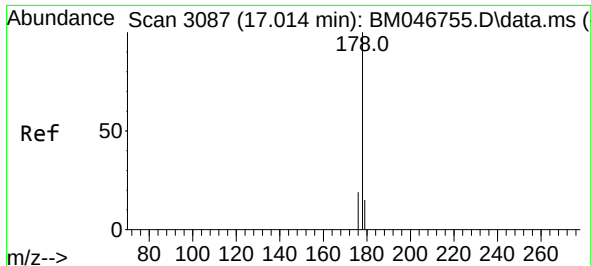


#15
Phenanthrene
Concen: 0.236 ng/ul
RT: 16.922 min Scan# 3065
Delta R.T. -0.003 min
Lab File: BM046763.D
Acq: 23 Jul 2024 00:43



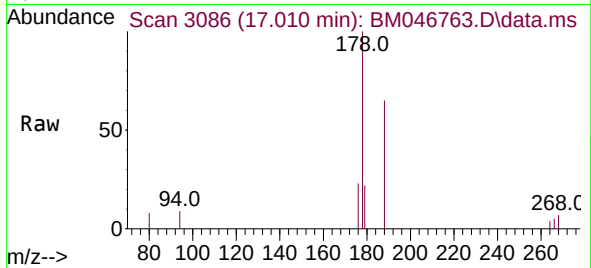
Tgt Ion:178 Resp: 7867
Ion Ratio Lower Upper
178 100
179 16.6 13.1 19.7
176 20.0 16.0 24.0





#16
 Anthracene
 Concen: 0.054 ng/u1
 RT: 17.010 min Scan# 3086
 Delta R.T. -0.007 min
 Lab File: BM046763.D
 Acq: 23 Jul 2024 00:43

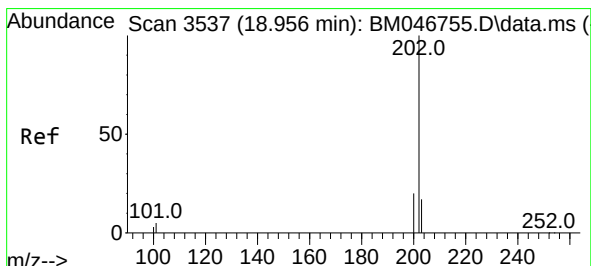
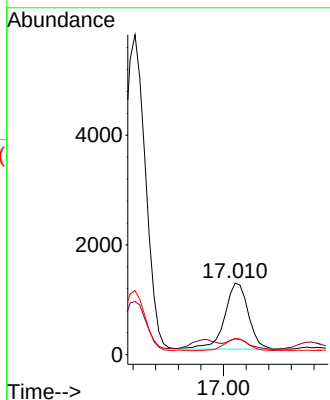
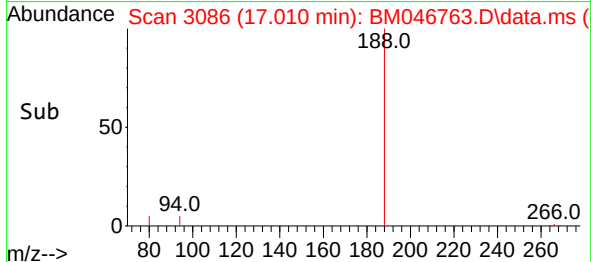
Instrument :
 BNA_M
 ClientSampleId :
 A4BZ2DL



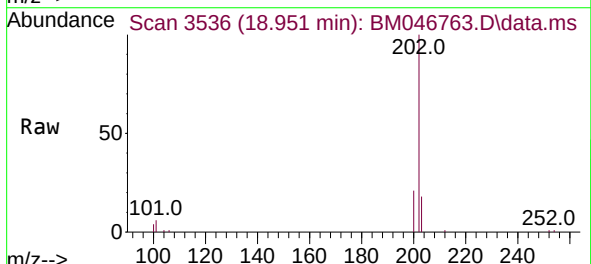
Tgt Ion:178 Resp: 1744
 Ion Ratio Lower Upper
 178 100
 179 22.2 13.5 20.3
 176 22.8 15.7 23.5

Manual Integrations
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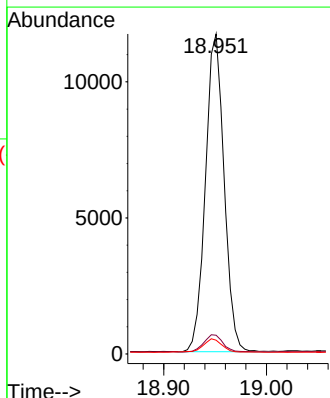
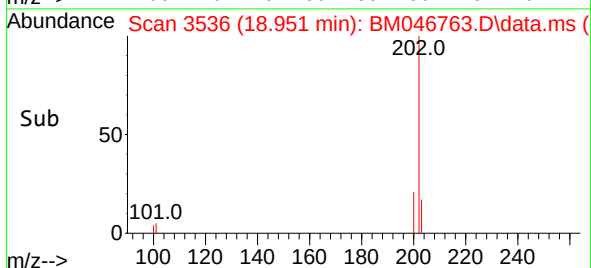
Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/23/2024

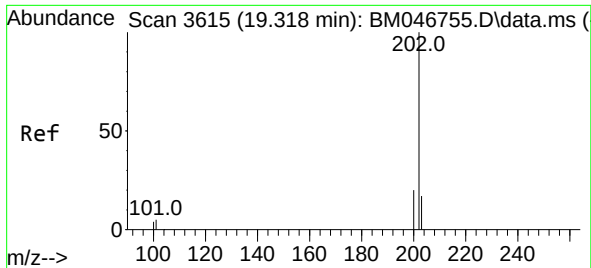


#19
 Fluoranthene
 Concen: 0.383 ng/u1
 RT: 18.951 min Scan# 3536
 Delta R.T. -0.004 min
 Lab File: BM046763.D
 Acq: 23 Jul 2024 00:43



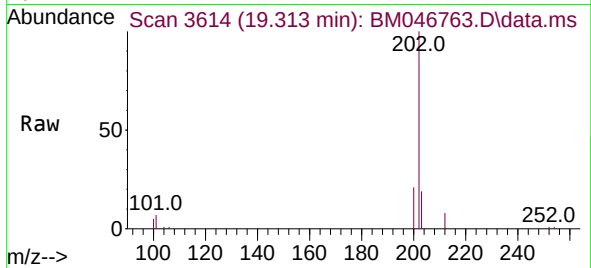
Tgt Ion:202 Resp: 14707
 Ion Ratio Lower Upper
 202 100
 101 5.8 4.6 6.8
 100 4.3 3.0 4.6





#20
Pyrene
Concen: 0.322 ng/ul
RT: 19.313 min Scan# 30
Delta R.T. -0.008 min
Lab File: BM046763.D
Acq: 23 Jul 2024 00:43

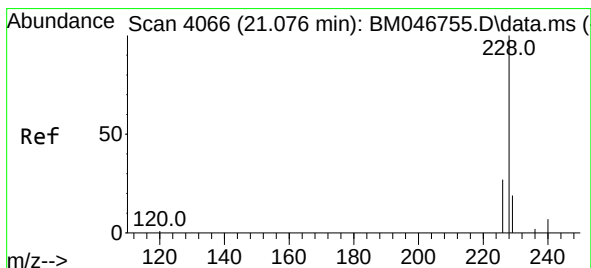
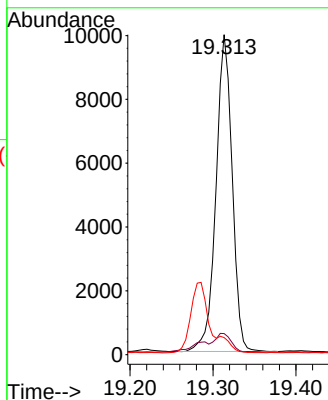
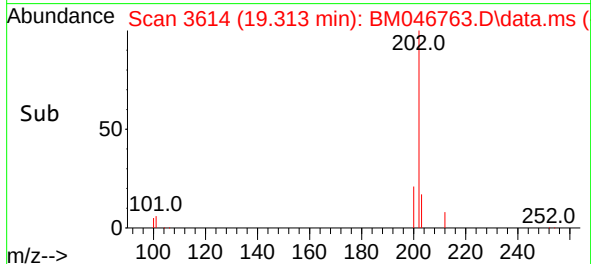
Instrument :
BNA_M
ClientSampleId :
A4BZ2DL



Tgt Ion:202 Resp: 13418
Ion Ratio Lower Upper
202 100
101 6.6 5.1 7.7
100 5.4 3.8 5.6

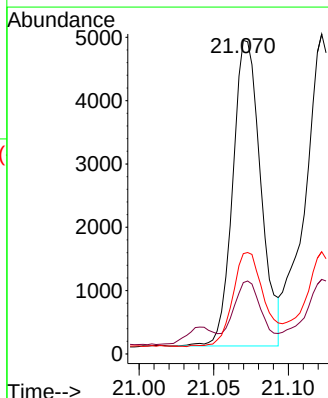
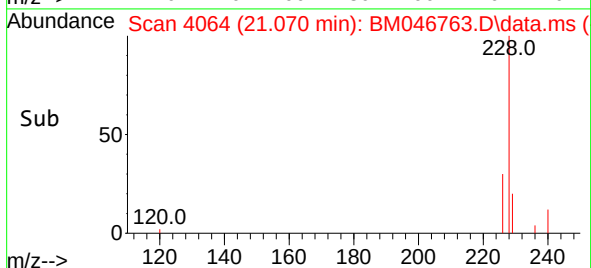
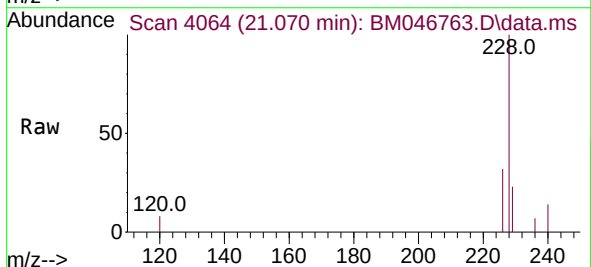
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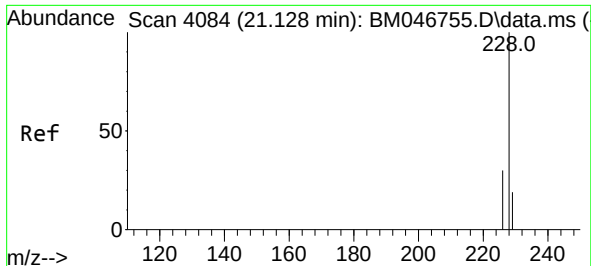
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#21
Benzo(a)anthracene
Concen: 0.152 ng/ul
RT: 21.070 min Scan# 4064
Delta R.T. -0.009 min
Lab File: BM046763.D
Acq: 23 Jul 2024 00:43

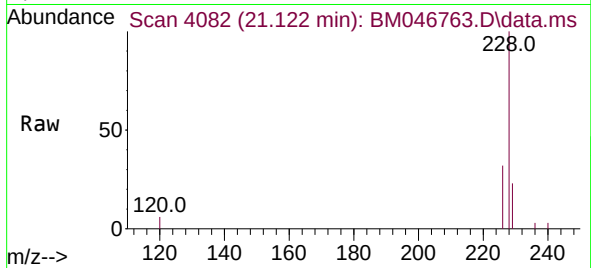
Tgt Ion:228 Resp: 6305
Ion Ratio Lower Upper
228 100
229 22.8 16.5 24.7
226 32.0 22.5 33.7





#22
Chrysene
Concen: 0.177 ng/ul
RT: 21.122 min Scan# 4082
Delta R.T. -0.009 min
Lab File: BM046763.D
Acq: 23 Jul 2024 00:43

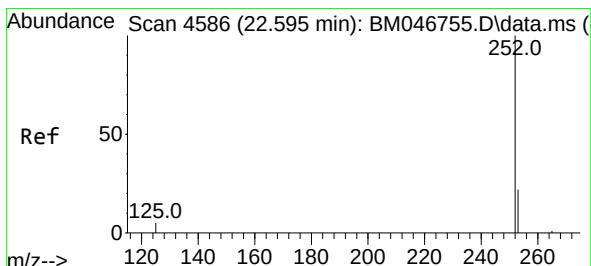
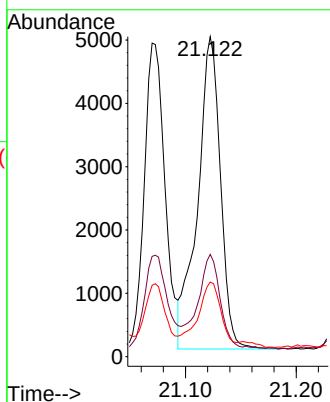
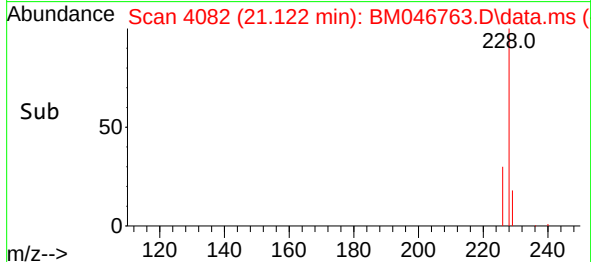
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A4BZ2DL



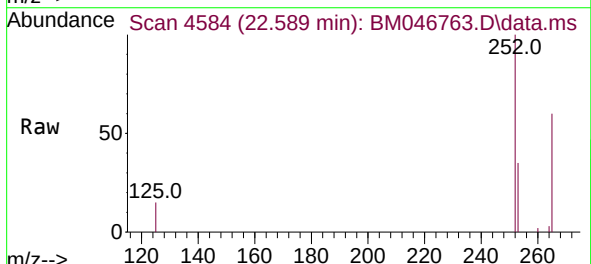
Tgt Ion:228 Resp: 708
Ion Ratio Lower Upper
228 100
226 31.9 24.3 36.5
229 23.3 16.4 24.6

Manual Integrations
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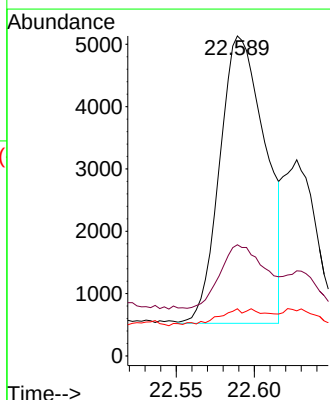
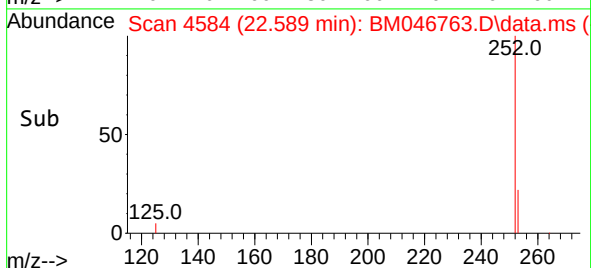
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

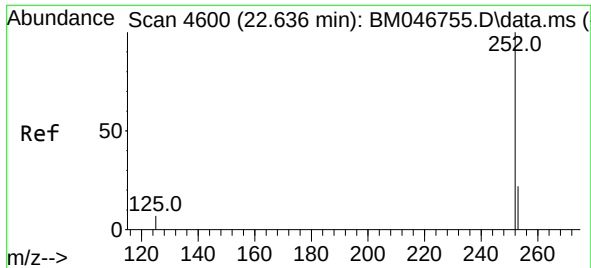


#24
Benzo(b)fluoranthene
Concen: 0.226 ng/ul m
RT: 22.589 min Scan# 4584
Delta R.T. -0.009 min
Lab File: BM046763.D
Acq: 23 Jul 2024 00:43



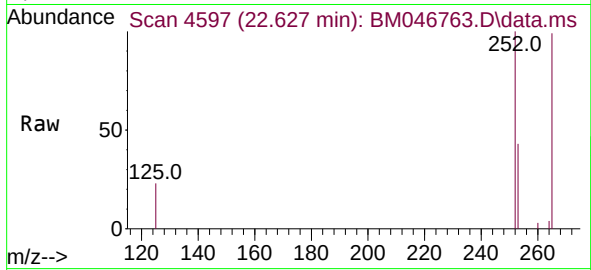
Tgt Ion:252 Resp: 9320
Ion Ratio Lower Upper
252 100
253 34.7 0.0 56.2
125 14.8 0.0 17.8





#25
Benzo(k)fluoranthene
Concen: 0.096 ng/ul m
RT: 22.627 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM046763.D
Acq: 23 Jul 2024 00:43

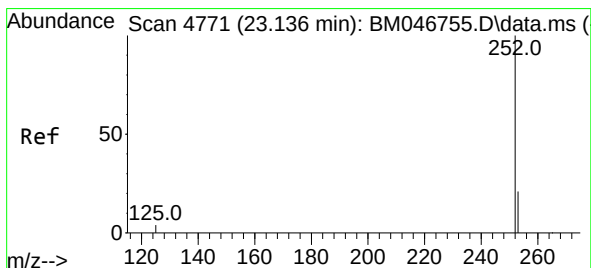
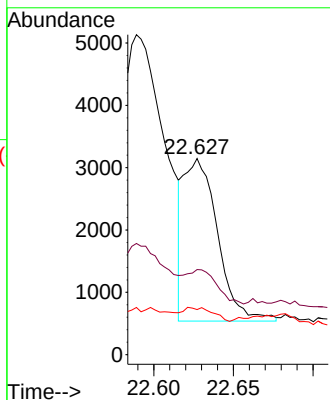
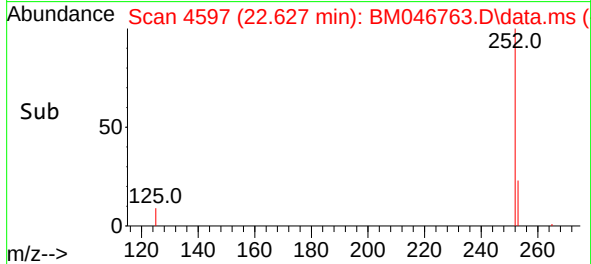
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BNA_M
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A4BZ2DL



Tgt Ion:252 Resp: 3879
Ion Ratio Lower Upper
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253 43.4 22.4 33.6
125 23.0 7.0 10.4

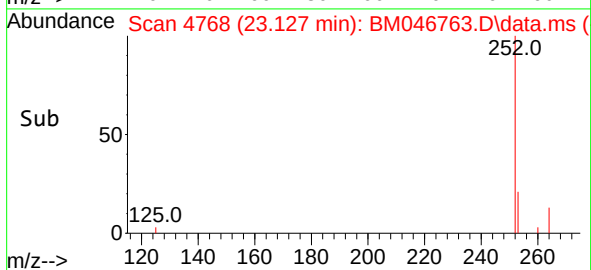
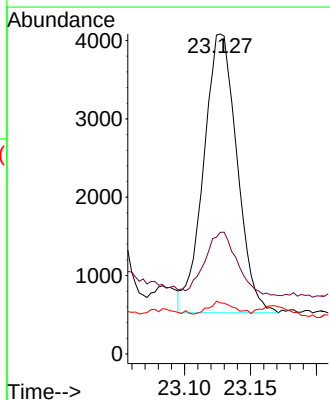
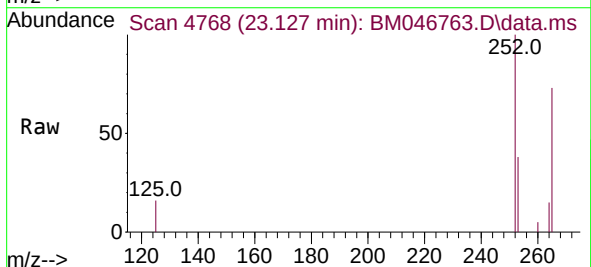
Manual Integrations
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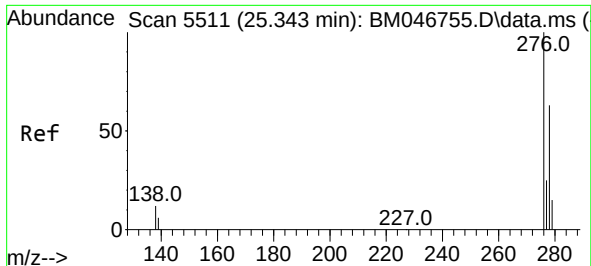
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#26
Benzo(a)pyrene
Concen: 0.185 ng/ul
RT: 23.127 min Scan# 4768
Delta R.T. -0.012 min
Lab File: BM046763.D
Acq: 23 Jul 2024 00:43

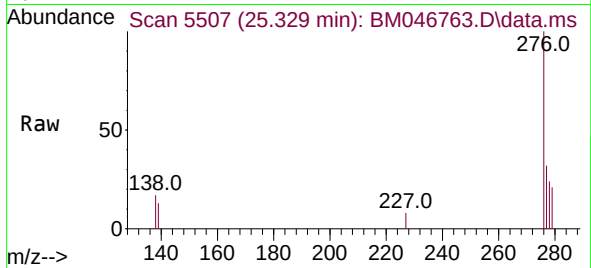
Tgt Ion:252 Resp: 6268
Ion Ratio Lower Upper
252 100
253 38.0 24.0 36.0#
125 16.0 8.2 12.2#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.100 ng/ul
RT: 25.329 min Scan# 5140
Delta R.T. -0.017 min
Lab File: BM046763.D
Acq: 23 Jul 2024 00:43

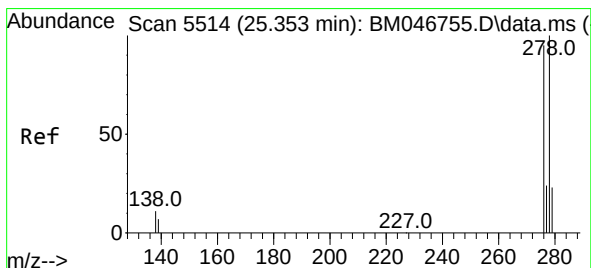
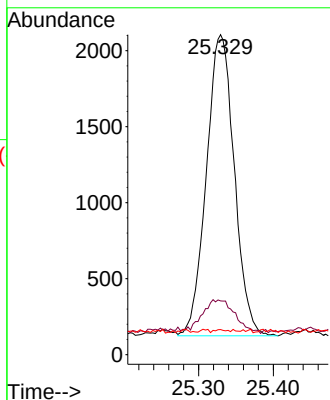
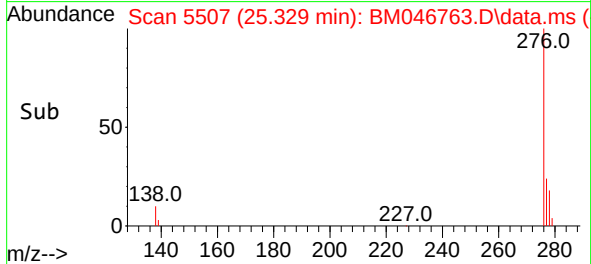
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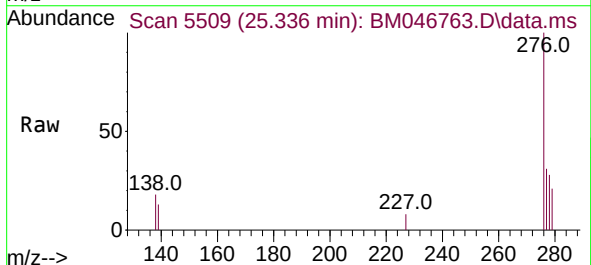
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Ion Ratio Lower Upper
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227 0.4 0.2 0.2#

Manual Integrations
APPROVED

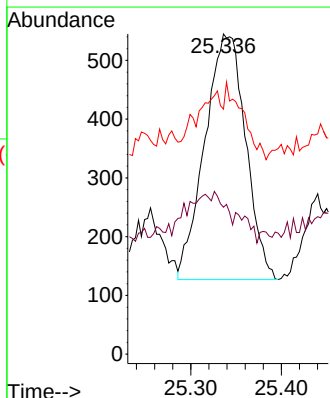
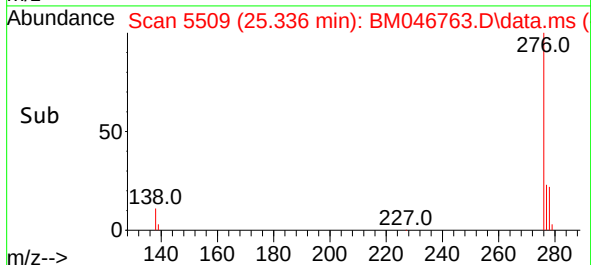
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

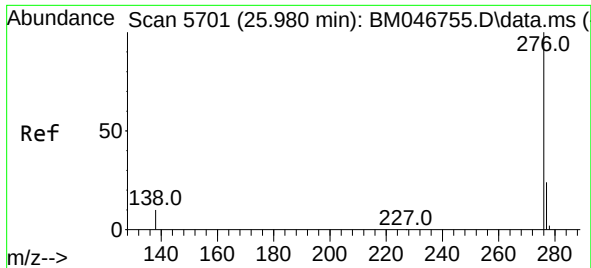


#28
Dibenzo(a,h)anthracene
Concen: 0.032 ng/ul
RT: 25.336 min Scan# 5509
Delta R.T. -0.024 min
Lab File: BM046763.D
Acq: 23 Jul 2024 00:43



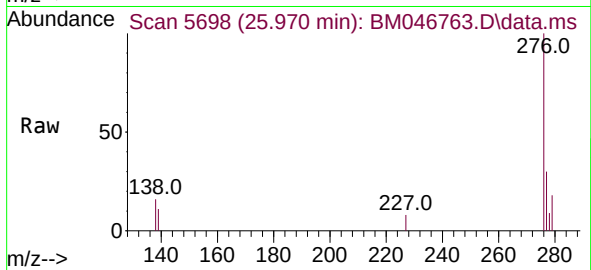
Tgt Ion:278 Resp: 1308
Ion Ratio Lower Upper
278 100
139 45.9 9.1 13.7#
279 76.5 23.2 34.8#





#29
Benzo(g,h,i)perylene
Concen: 0.127 ng/ul
RT: 25.970 min Scan# 50
Delta R.T. -0.014 min
Lab File: BM046763.D
Acq: 23 Jul 2024 00:43

Instrument :
BNA_M
ClientSampleId :
A4BZ2DL



Tgt Ion:276 Resp: 5234
Ion Ratio Lower Upper
276 100
138 16.4 10.2 15.4
277 30.3 20.9 31.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

