

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027076.D
 Acq On : 24 Aug 2023 00:00
 Operator : MA/JU
 Sample : 03967-15DL 5X
 Misc :
 ALS Vial : 97 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48M6DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/24/2023
 Supervised By :mohammad ahmed 08/24/2023

Quant Time: Aug 24 01:40:38 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 23 02:28:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.089	152	7988	0.400	ng/ul	0.00
4) Naphthalene-d8	10.916	136	26324	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.717	164	16414	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.464	188	37808	0.400	ng/ul	0.00
17) Chrysene-d12	21.636	240	33618	0.400	ng/ul	0.00
23) Perylene-d12	24.170	264	32937	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.435	96	6644	0.701	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.489	152	2082	0.054	ng/ul	0.00
18) Fluoranthene-d10	19.483	212	5748	0.054	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.966	128	1736	0.023	ng/ul#	82
10) Acenaphthylene	14.448	152	5219	0.057	ng/ul	97
12) Fluorene	15.762	166	1978	0.027	ng/ul#	96
15) Phenanthrene	17.506	178	53028	0.427	ng/ul	100
16) Anthracene	17.599	178	7774	0.069	ng/ul	95
19) Fluoranthene	19.511	202	113827	0.815	ng/ul	99
20) Pyrene	19.873	202	125698m	0.844	ng/ul	
21) Benzo(a)anthracene	21.618	228	52680	0.394	ng/ul	98
22) Chrysene	21.674	228	71071	0.539	ng/ul	98
24) Benzo(b)fluoranthene	23.386	252	95633m	0.768	ng/ul	
25) Benzo(k)fluoranthene	23.433	252	31932m	0.260	ng/ul	
26) Benzo(a)pyrene	24.059	252	53383	0.475	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.848	276	37370	0.254	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.871	278	8636	0.074	ng/ul#	69
29) Benzo(g,h,i)perylene	27.686	276	39946	0.326	ng/ul	98

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

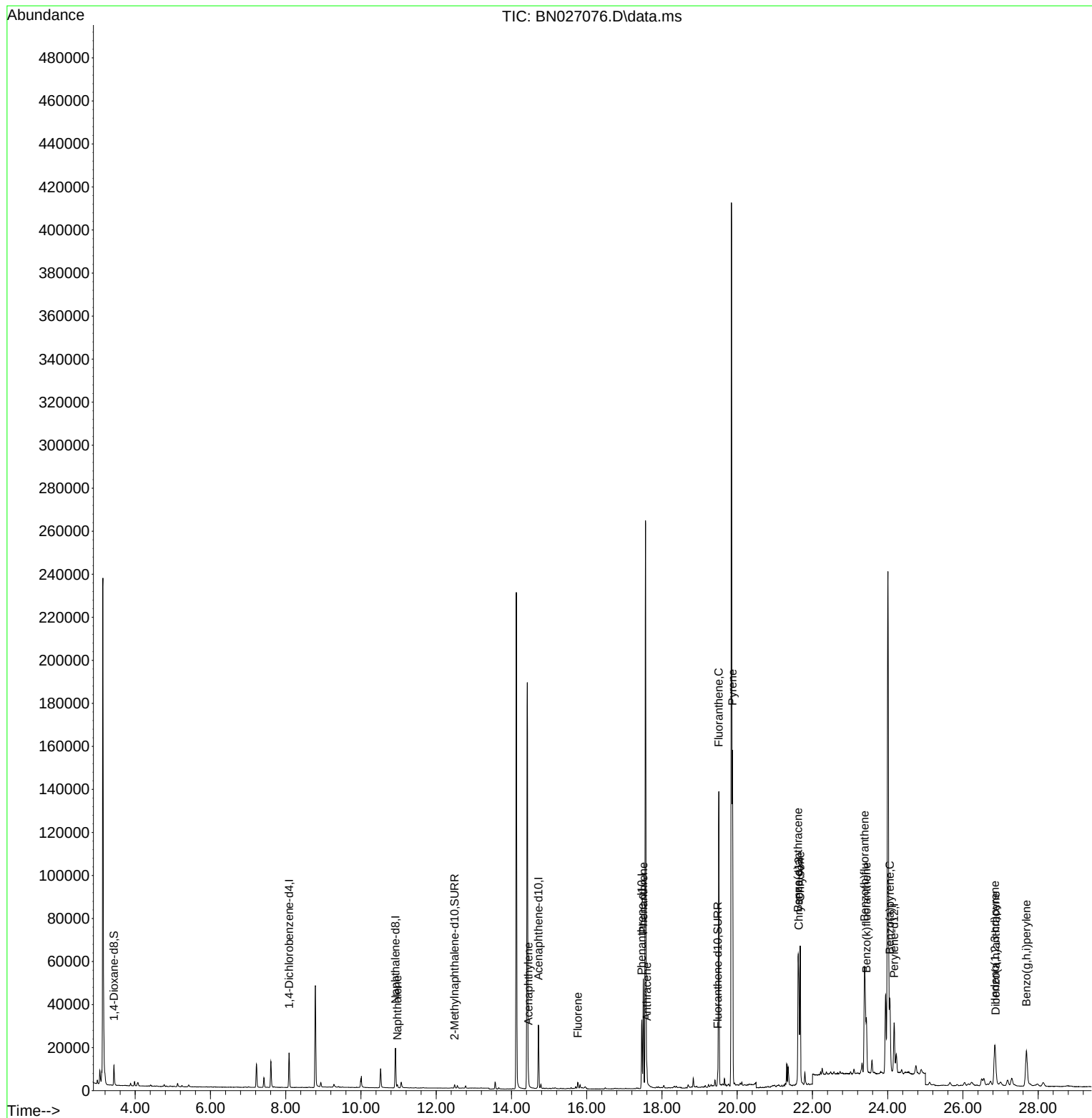
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027076.D
Acq On : 24 Aug 2023 00:00
Operator : MA/JU
Sample : 03967-15DL 5X
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ALS Vial : 97 Sample Multiplier: 1

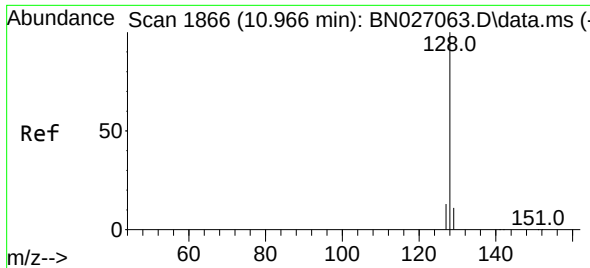
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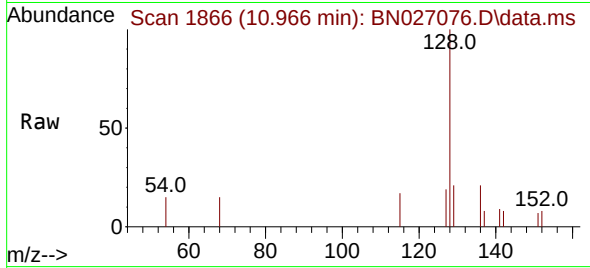
Quant Time: Aug 24 01:40:38 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 23 02:28:27 2023
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#5
Naphthalene
Concen: 0.023 ng/ul
RT: 10.966 min Scan# 1866
Delta R.T. -0.005 min
Lab File: BN027076.D
Acq: 24 Aug 2023 00:00

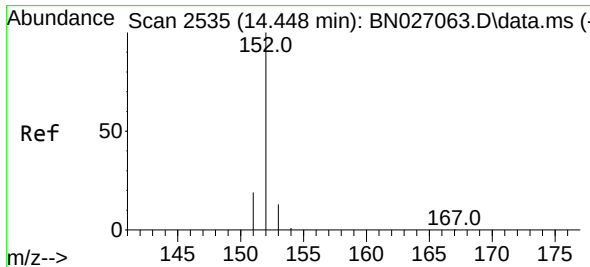
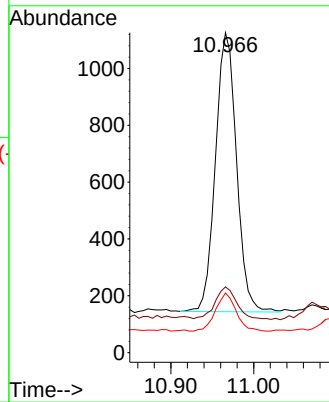
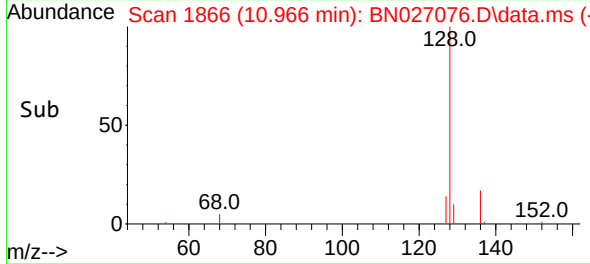
Instrument :
BNA_N
ClientSampleId :
A48M6DL



Tgt Ion:128 Resp: 1730
Ion Ratio Lower Upper
128 100
129 20.5 9.2 13.8
127 18.7 10.5 15.7

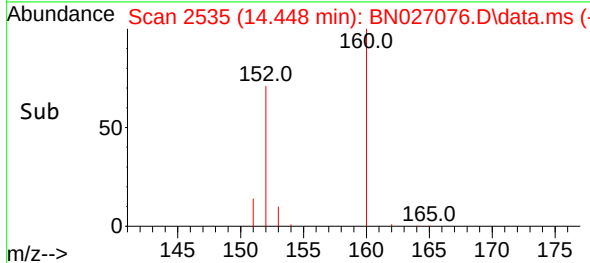
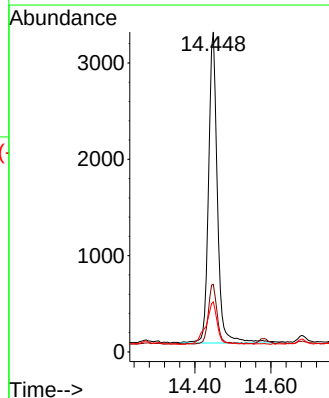
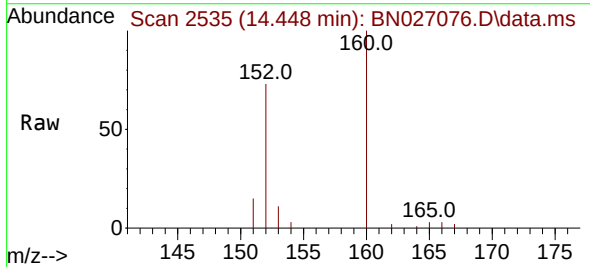
Manual Integrations
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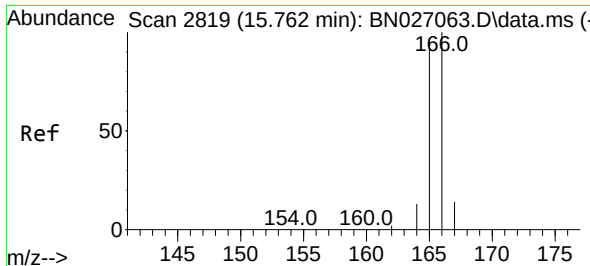
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#10
Acenaphthylene
Concen: 0.057 ng/ul
RT: 14.448 min Scan# 2535
Delta R.T. -0.005 min
Lab File: BN027076.D
Acq: 24 Aug 2023 00:00

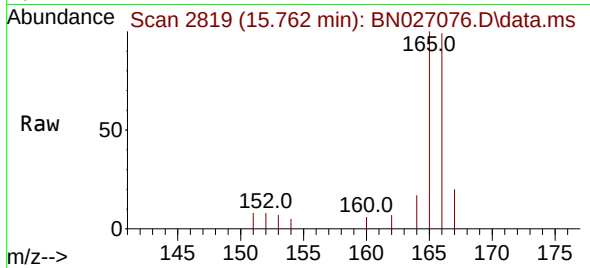
Tgt Ion:152 Resp: 5219
Ion Ratio Lower Upper
152 100
151 21.1 15.9 23.9
153 15.7 11.0 16.6





#12
Fluorene
Concen: 0.027 ng/ul
RT: 15.762 min Scan# 2819
Delta R.T. -0.005 min
Lab File: BN027076.D
Acq: 24 Aug 2023 00:00

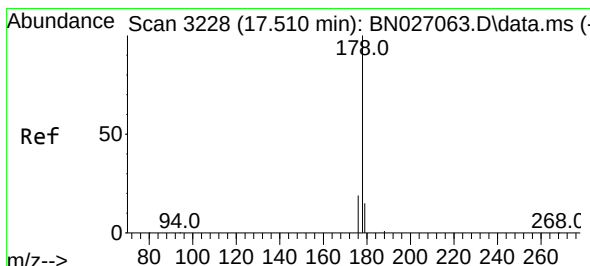
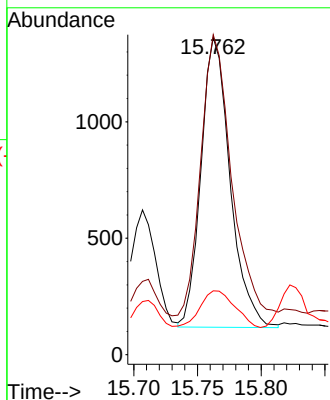
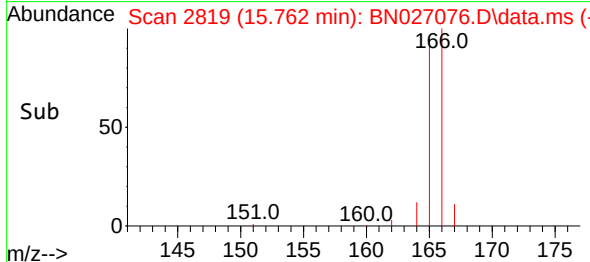
Instrument :
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A48M6DL



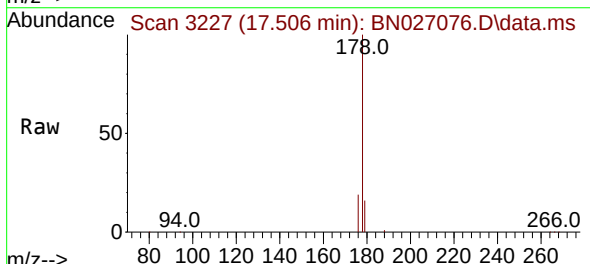
Tgt Ion:166 Resp: 1978
Ion Ratio Lower Upper
166 100
165 100.9 79.1 118.7
167 20.1 11.4 17.0

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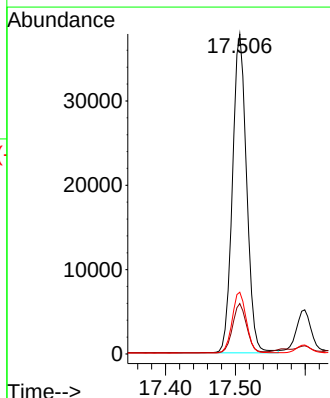
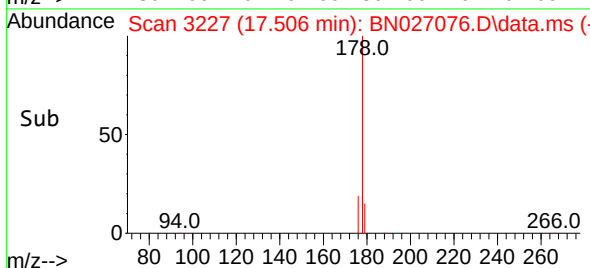
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

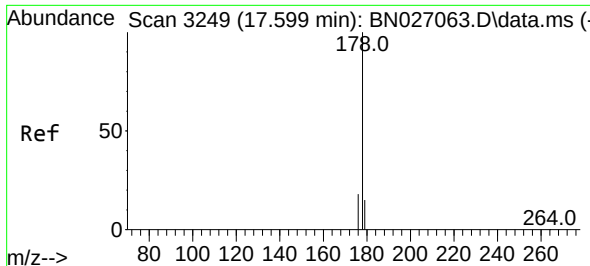


#15
Phenanthrene
Concen: 0.427 ng/ul
RT: 17.506 min Scan# 3227
Delta R.T. -0.004 min
Lab File: BN027076.D
Acq: 24 Aug 2023 00:00



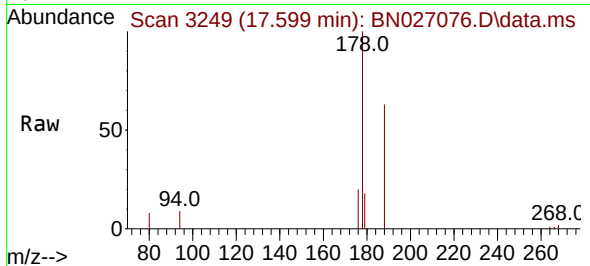
Tgt Ion:178 Resp: 53028
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 19.3 15.4 23.2





#16
 Anthracene
 Concen: 0.069 ng/ul
 RT: 17.599 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BN027076.D
 Acq: 24 Aug 2023 00:00

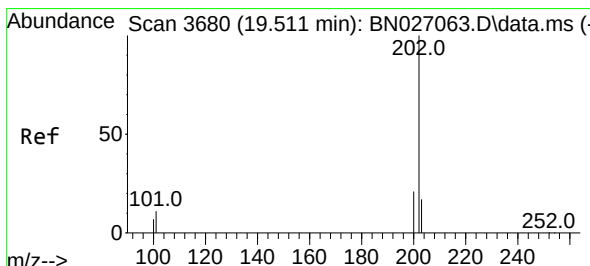
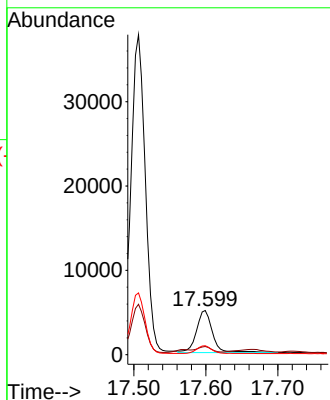
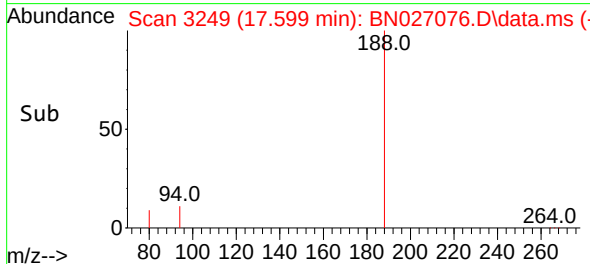
Instrument :
 BNA_N
 ClientSampleId :
 A48M6DL



Tgt Ion:178 Resp: 7774
 Ion Ratio Lower Upper
 178 100
 179 18.5 12.6 19.0
 176 20.2 15.0 22.6

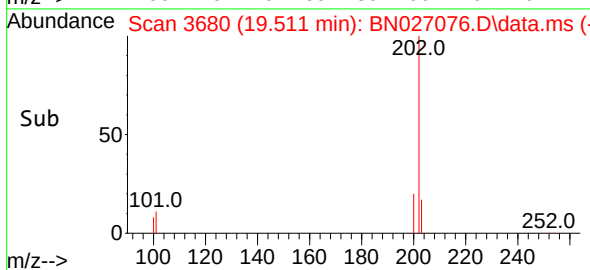
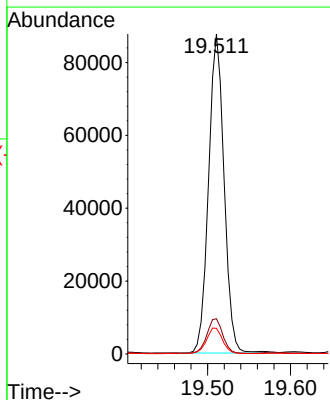
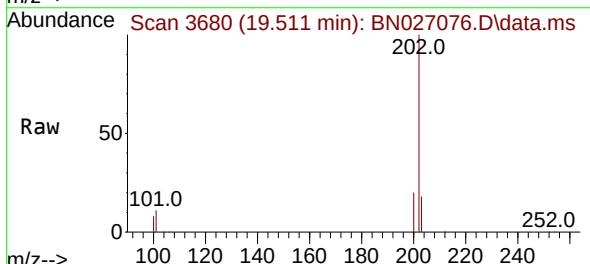
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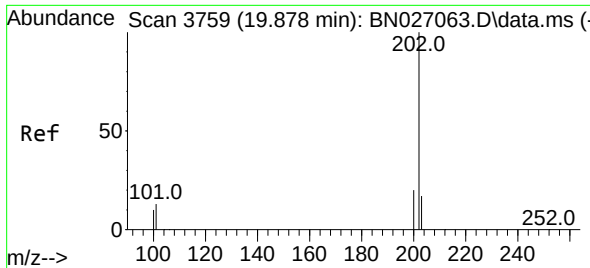
Reviewed By :Yogesh Patel 08/24/2023
 Supervised By :mohammad ahmed 08/24/2023



#19
 Fluoranthene
 Concen: 0.815 ng/ul
 RT: 19.511 min Scan# 3680
 Delta R.T. -0.005 min
 Lab File: BN027076.D
 Acq: 24 Aug 2023 00:00

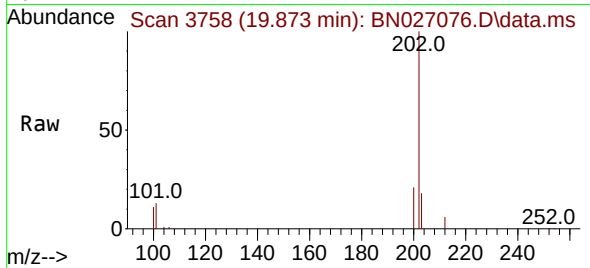
Tgt Ion:202 Resp: 113827
 Ion Ratio Lower Upper
 202 100
 101 11.0 8.3 12.5
 100 8.0 6.2 9.2





#20
Pyrene
Concen: 0.844 ng/ul m
RT: 19.873 min Scan# 3759
Delta R.T. -0.009 min
Lab File: BN027076.D
Acq: 24 Aug 2023 00:00

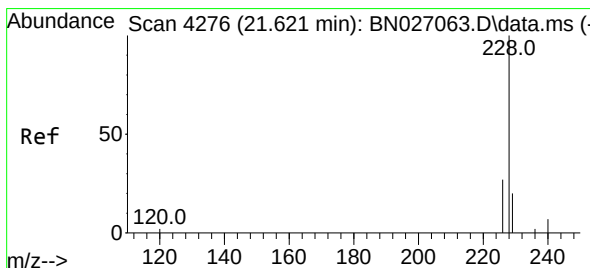
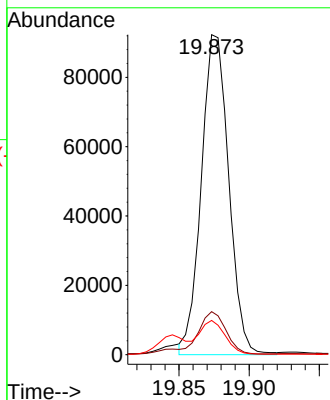
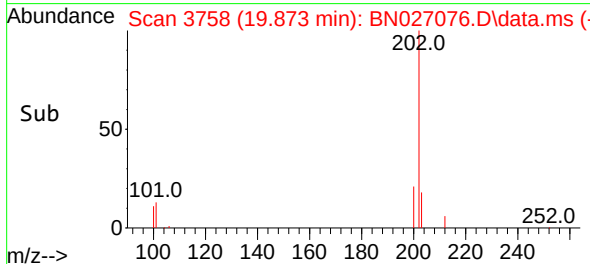
Instrument :
BNA_N
ClientSampleId :
A48M6DL



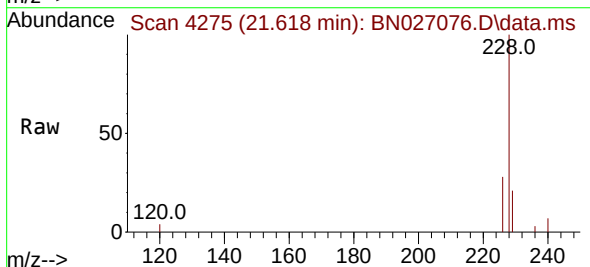
Tgt Ion:202 Resp: 125698
Ion Ratio Lower Upper
202 100
101 13.5 10.7 16.1
100 10.7 8.5 12.7

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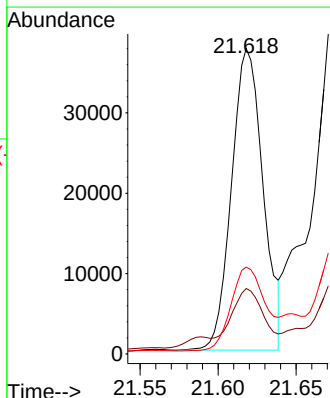
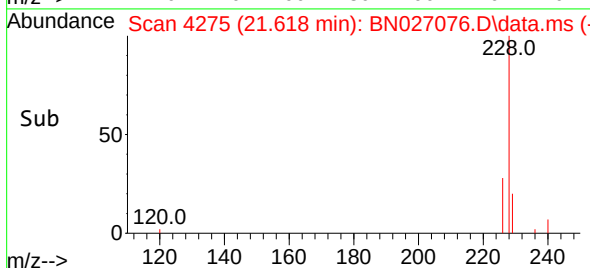
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

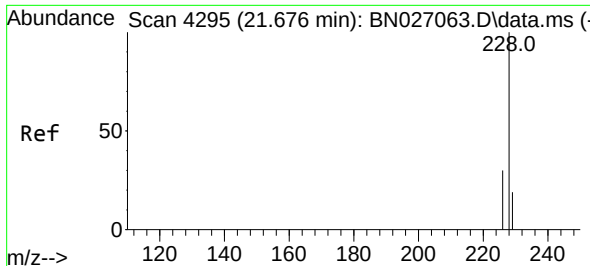


#21
Benzo(a)anthracene
Concen: 0.394 ng/ul
RT: 21.618 min Scan# 4275
Delta R.T. -0.003 min
Lab File: BN027076.D
Acq: 24 Aug 2023 00:00



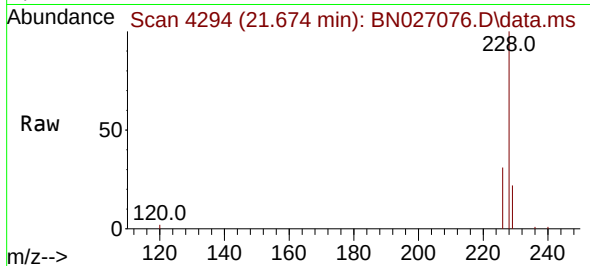
Tgt Ion:228 Resp: 52680
Ion Ratio Lower Upper
228 100
229 21.4 16.0 24.0
226 28.5 22.2 33.2





#22
Chrysene
Concen: 0.539 ng/ul
RT: 21.674 min Scan# 4295
Delta R.T. -0.003 min
Lab File: BN027076.D
Acq: 24 Aug 2023 00:00

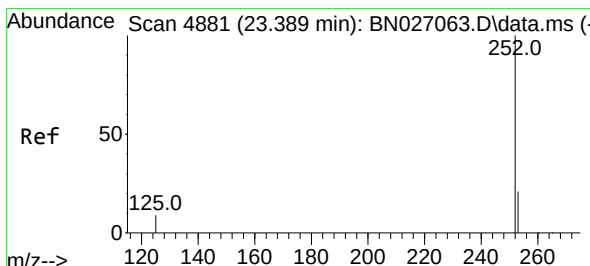
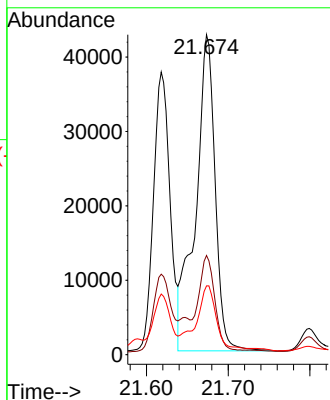
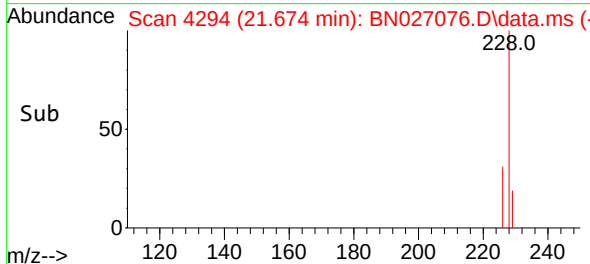
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ClientSampleId :
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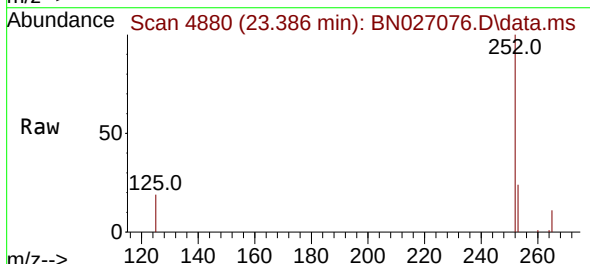
Tgt Ion:228 Resp: 7107
Ion Ratio Lower Upper
228 100
226 31.0 24.6 36.8
229 21.5 15.8 23.6

Manual Integrations
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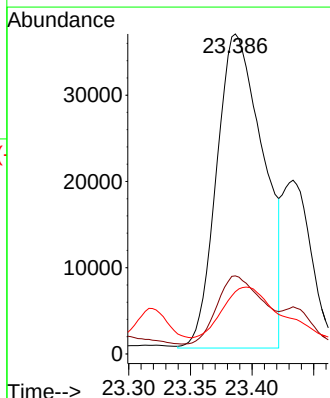
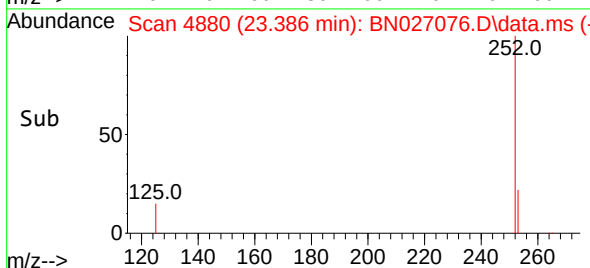
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

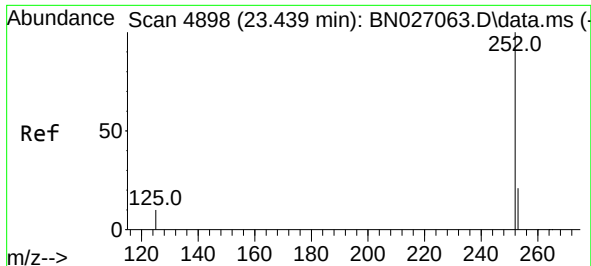


#24
Benzo(b)fluoranthene
Concen: 0.768 ng/ul m
RT: 23.386 min Scan# 4880
Delta R.T. 0.000 min
Lab File: BN027076.D
Acq: 24 Aug 2023 00:00



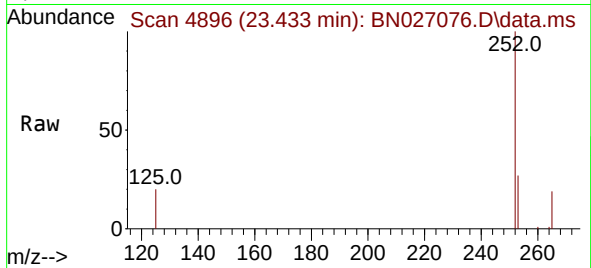
Tgt Ion:252 Resp: 95633
Ion Ratio Lower Upper
252 100
253 24.4 0.0 46.8
125 19.5 0.0 25.2





#25
Benzo(k)fluoranthene
Concen: 0.260 ng/ul m
RT: 23.433 min Scan# 4898
Delta R.T. -0.006 min
Lab File: BN027076.D
Acq: 24 Aug 2023 00:00

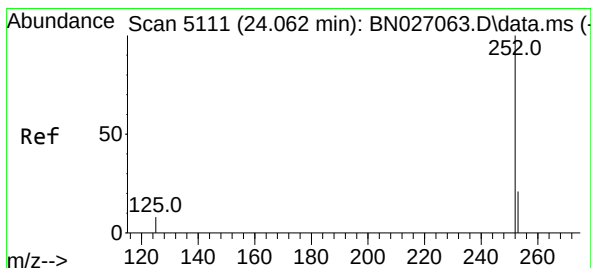
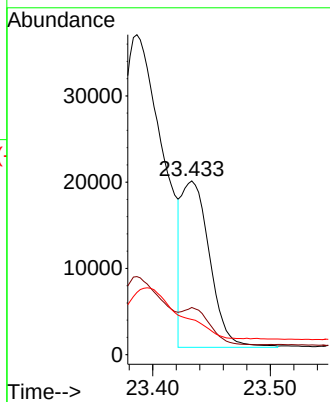
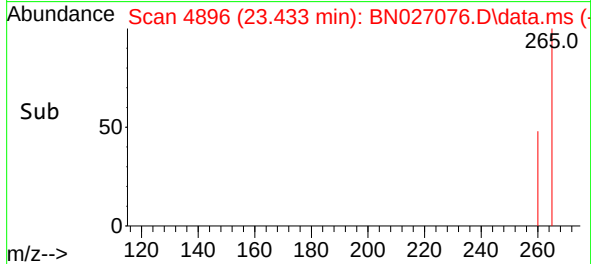
Instrument :
BNA_N
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A48M6DL



Tgt Ion:252 Resp: 31932
Ion Ratio Lower Upper
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253 27.2 18.2 27.4
125 20.2 9.9 14.9

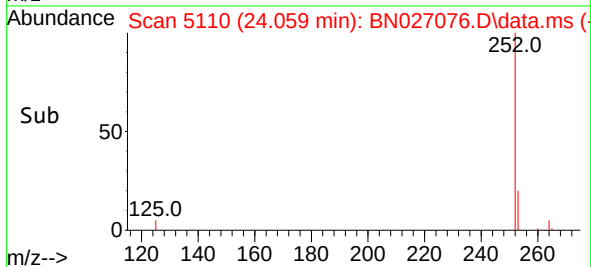
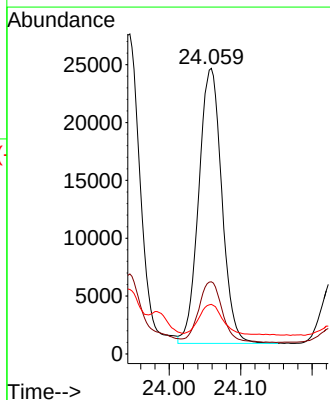
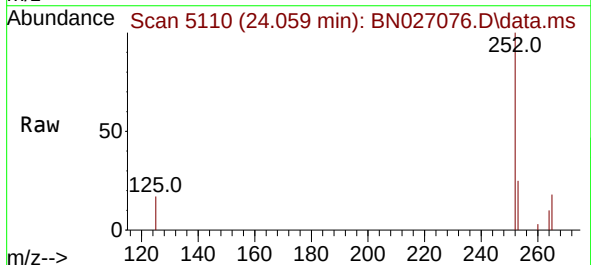
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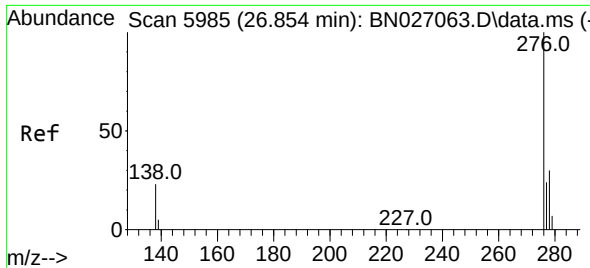
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#26
Benzo(a)pyrene
Concen: 0.475 ng/ul
RT: 24.059 min Scan# 5110
Delta R.T. -0.003 min
Lab File: BN027076.D
Acq: 24 Aug 2023 00:00

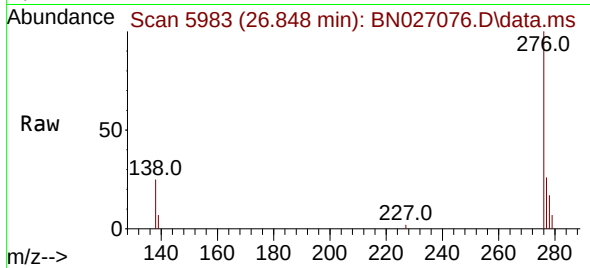
Tgt Ion:252 Resp: 53383
Ion Ratio Lower Upper
252 100
253 25.3 19.0 28.6
125 17.3 11.4 17.0#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.254 ng/ul
 RT: 26.848 min Scan# 5983
 Delta R.T. -0.006 min
 Lab File: BN027076.D
 Acq: 24 Aug 2023 00:00

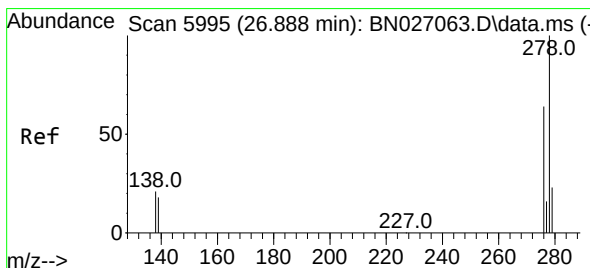
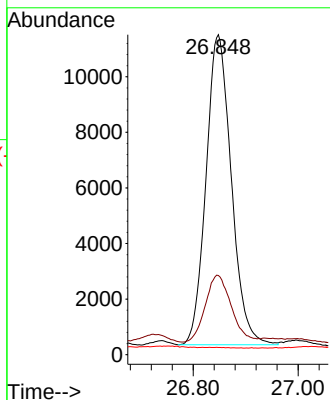
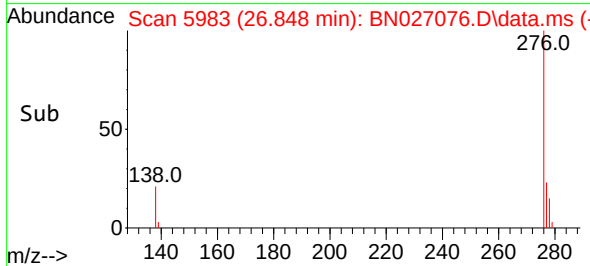
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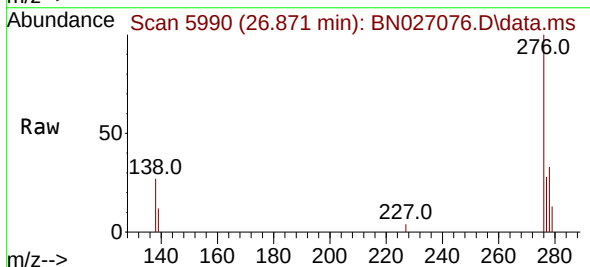
Tgt Ion:276 Resp: 37370
 Ion Ratio Lower Upper
 276 100
 138 23.1 21.6 32.4
 227 0.0 0.0 0.0

Manual Integrations
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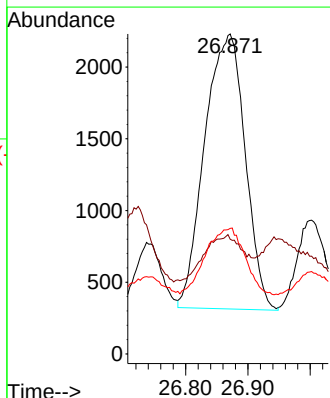
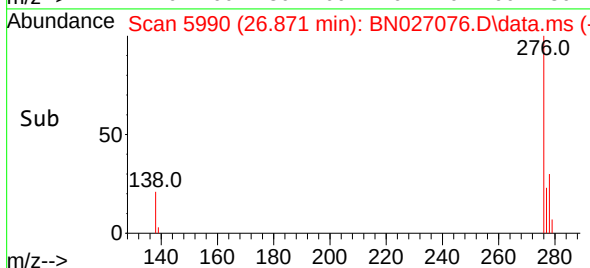
Reviewed By :Yogesh Patel 08/24/2023
 Supervised By :mohammad ahmed 08/24/2023

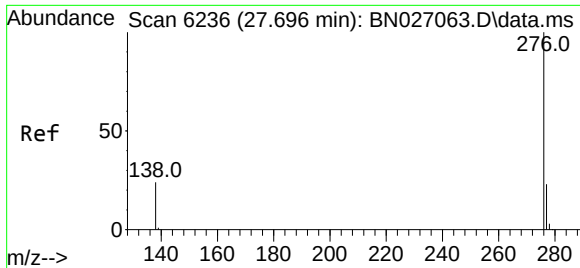


#28
 Dibenzo(a,h)anthracene
 Concen: 0.074 ng/ul
 RT: 26.871 min Scan# 5990
 Delta R.T. -0.013 min
 Lab File: BN027076.D
 Acq: 24 Aug 2023 00:00



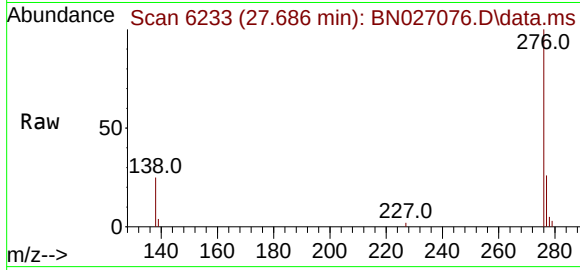
Tgt Ion:278 Resp: 8636
 Ion Ratio Lower Upper
 278 100
 139 35.9 15.7 23.5#
 279 39.3 20.2 30.4#





#29
 Benzo(g,h,i)perylene
 Concen: 0.326 ng/ul
 RT: 27.686 min Scan# 61
 Delta R.T. -0.010 min
 Lab File: BN027076.D
 Acq: 24 Aug 2023 00:00

Instrument :
 BNA_N
 ClientSampleId :
 A48M6DL



Tgt Ion:276 Resp: 39940
 Ion Ratio Lower Upper
 276 100
 138 25.2 19.3 28.9
 277 25.6 19.8 29.8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/24/2023
 Supervised By :mohammad ahmed 08/24/2023

