

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042723\
 Data File : BN025171.D
 Acq On : 27 Apr 2023 11:12
 Operator : CG/JU
 Sample : 02418-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW8Z0

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/28/2023
 Supervised By : Jagrut Upadhyay 05/01/2023

Quant Time: Apr 28 01:19:53 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 15:27:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	7856	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	26094	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	16038	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	35747	0.400	ng/ul	0.00
17) Chrysene-d12	21.502	240	29871	0.400	ng/ul	0.00
23) Perylene-d12	23.929	264	26510	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	23684	2.912	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	6808	0.203	ng/ul	0.00
18) Fluoranthene-d10	19.335	212	16669	0.212	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.776	128	11565	0.173	ng/ul	99
7) 2-Methylnaphthalene	12.387	142	9021	0.220	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	7259	0.166	ng/ul	100
10) Acenaphthylene	14.279	152	2209	0.037	ng/ul#	76
15) Phenanthrene	17.347	178	26726	0.265	ng/ul	99
16) Anthracene	17.440	178	4587	0.056	ng/ul#	90
19) Fluoranthene	19.368	202	51737	0.479	ng/ul	100
20) Pyrene	19.730	202	18453m	0.166	ng/ul	
21) Benzo(a)anthracene	21.488	228	24921	0.277	ng/ul	97
22) Chrysene	21.540	228	26833	0.273	ng/ul	98
24) Benzo(b)fluoranthene	23.189	252	32521m	0.302	ng/ul	
25) Benzo(k)fluoranthene	23.236	252	12606m	0.122	ng/ul	
26) Benzo(a)pyrene	23.817	252	3523	0.040	ng/ul#	26
27) Indeno(1,2,3-cd)pyrene	26.443	276	4085	0.040	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.453	278	3491	0.044	ng/ul#	65

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

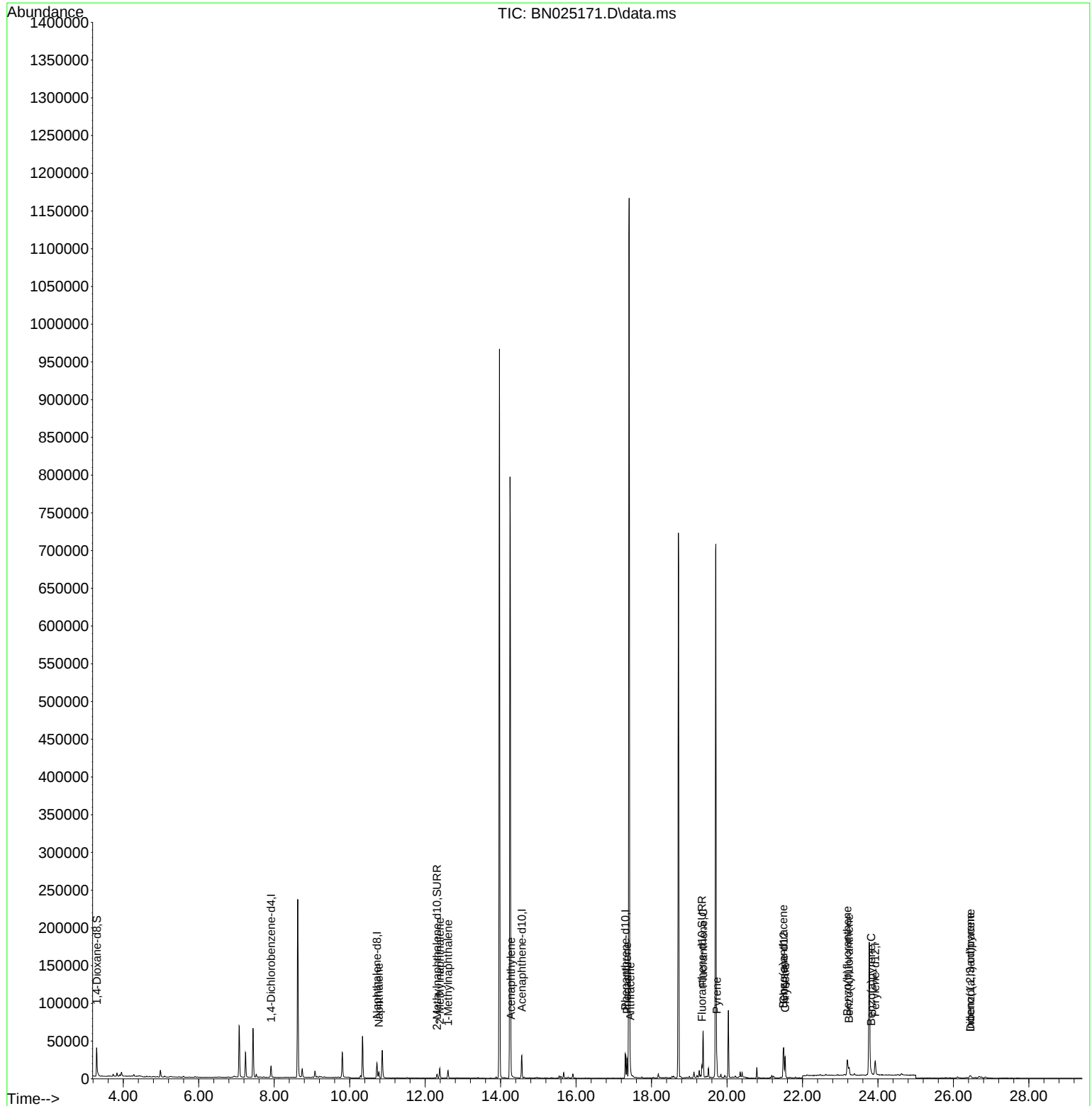
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042723\
Data File : BN025171.D
Acq On : 27 Apr 2023 11:12
Operator : CG/JU
Sample : 02418-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

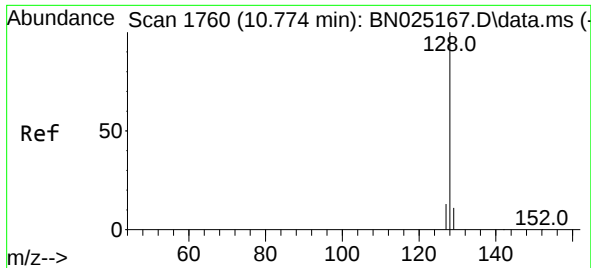
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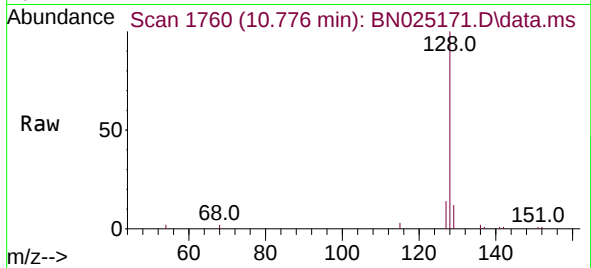
Quant Time: Apr 28 01:19:53 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 27 15:27:43 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.173 ng/ul
RT: 10.776 min Scan# 1760
Delta R.T. 0.001 min
Lab File: BN025171.D
Acq: 27 Apr 2023 11:12

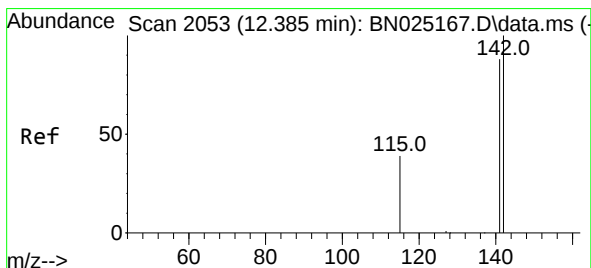
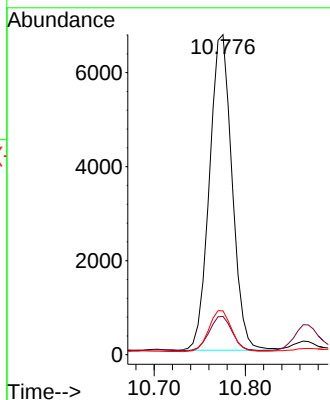
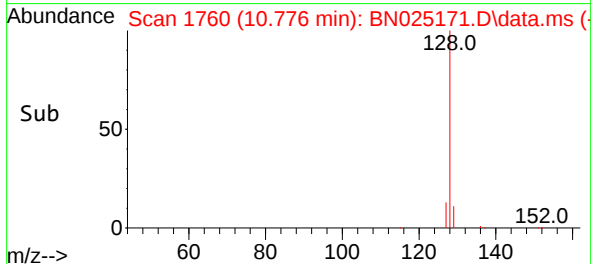
Instrument :
BNA_N
ClientSampleId :
EW8Z0



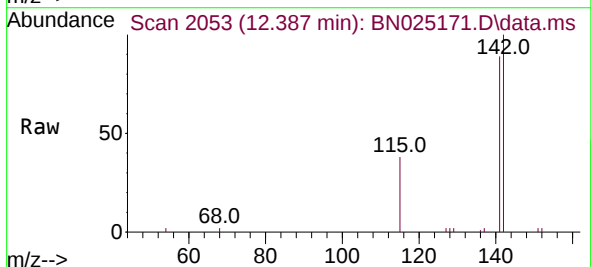
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Ion Ratio Lower Upper
128 100
129 12.0 9.0 13.6
127 13.7 10.7 16.1

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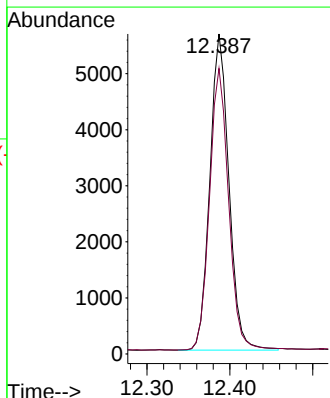
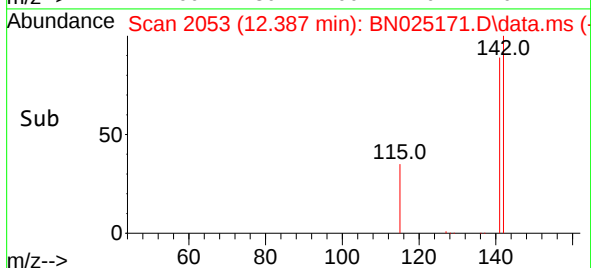
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023

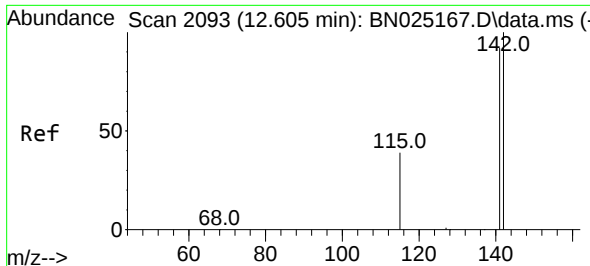


#7
2-Methylnaphthalene
Concen: 0.220 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.001 min
Lab File: BN025171.D
Acq: 27 Apr 2023 11:12



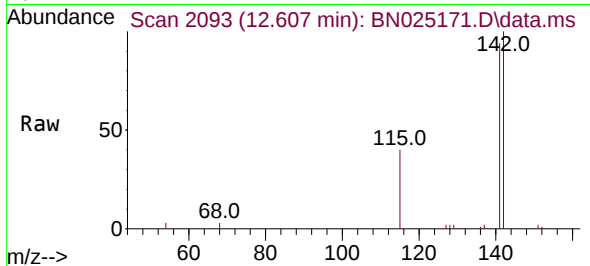
Tgt Ion:142 Resp: 9021
Ion Ratio Lower Upper
142 100
141 89.1 71.4 107.0





#8
1-Methylnaphthalene
Concen: 0.166 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.001 min
Lab File: BN025171.D
Acq: 27 Apr 2023 11:12

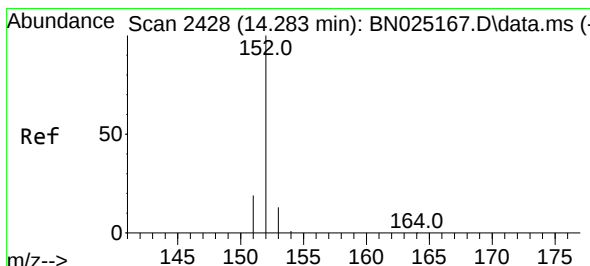
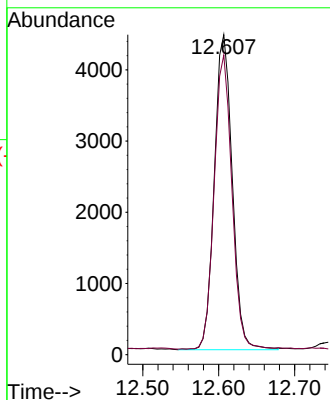
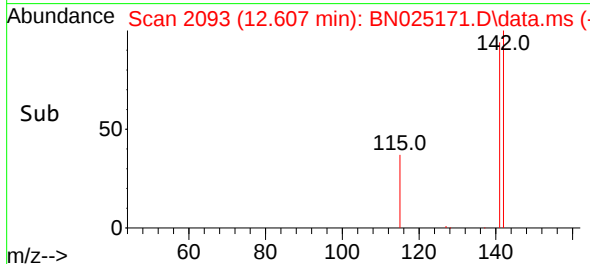
Instrument :
BNA_N
ClientSampleId :
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Ion Ratio Lower Upper
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141 92.1 73.8 110.6

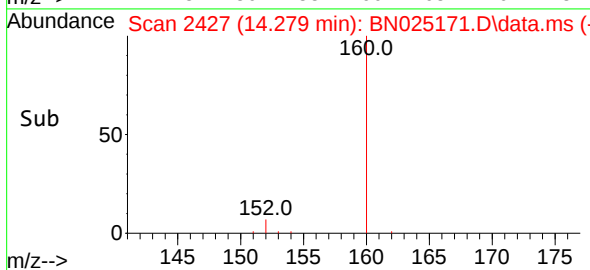
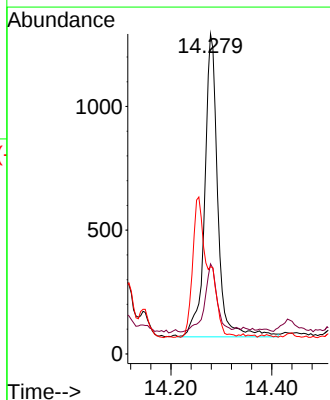
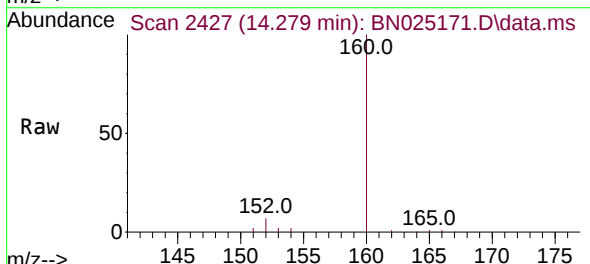
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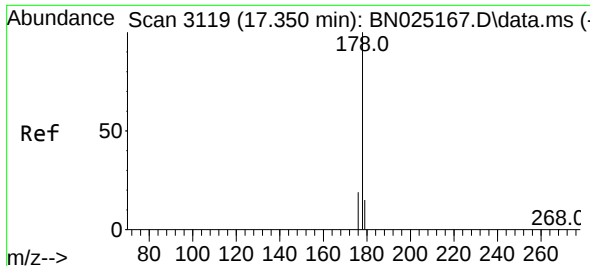
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#10
Acenaphthylene
Concen: 0.037 ng/ul
RT: 14.279 min Scan# 2427
Delta R.T. -0.004 min
Lab File: BN025171.D
Acq: 27 Apr 2023 11:12

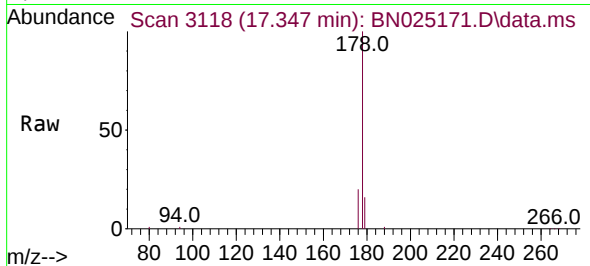
Tgt Ion:152 Resp: 2209
Ion Ratio Lower Upper
152 100
151 28.2 16.0 24.0#
153 27.3 10.8 16.2#





#15
Phenanthrene
Concen: 0.265 ng/ul
RT: 17.347 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BN025171.D
Acq: 27 Apr 2023 11:12

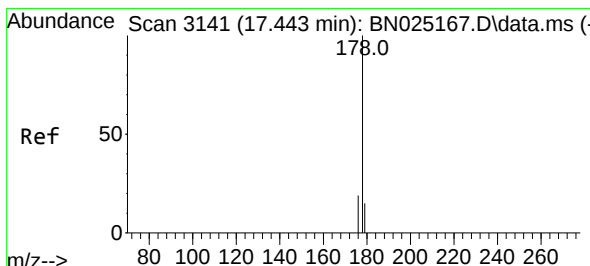
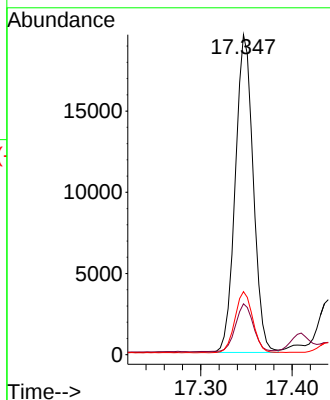
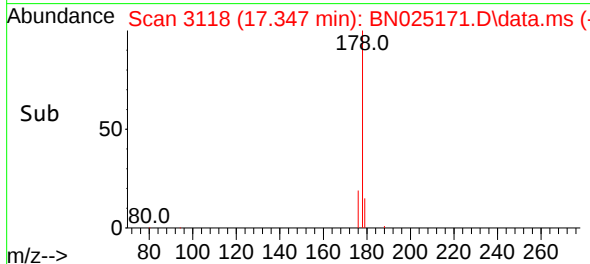
Instrument :
BNA_N
ClientSampleId :
EW8Z0



Tgt Ion:178 Resp: 26720
Ion Ratio Lower Upper
178 100
179 15.9 12.5 18.7
176 19.7 15.6 23.4

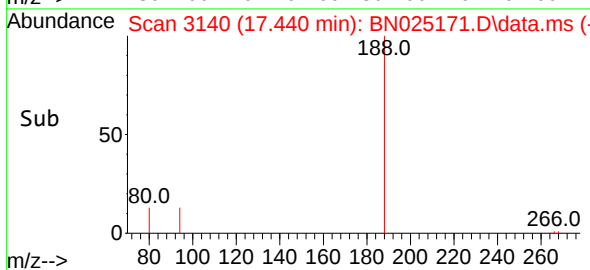
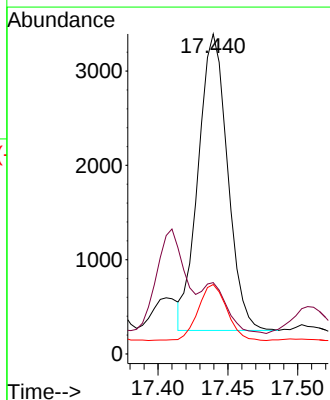
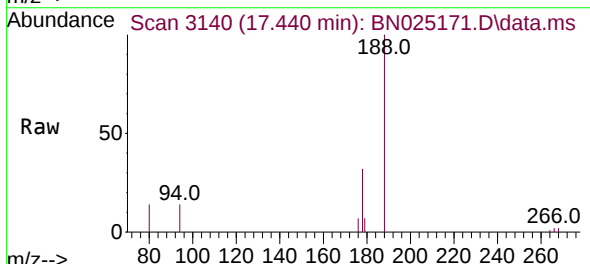
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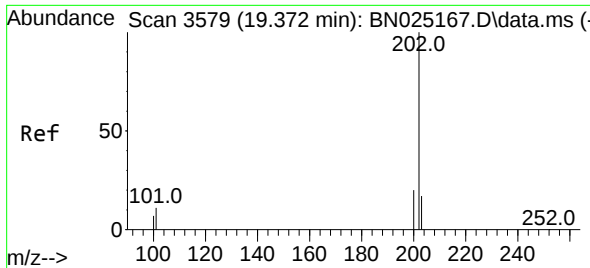
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#16
Anthracene
Concen: 0.056 ng/ul
RT: 17.440 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BN025171.D
Acq: 27 Apr 2023 11:12

Tgt Ion:178 Resp: 4587
Ion Ratio Lower Upper
178 100
179 22.3 12.7 19.1#
176 21.7 15.3 22.9





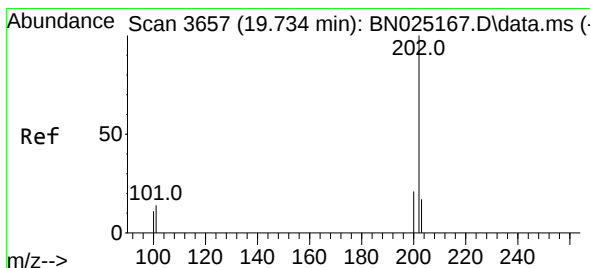
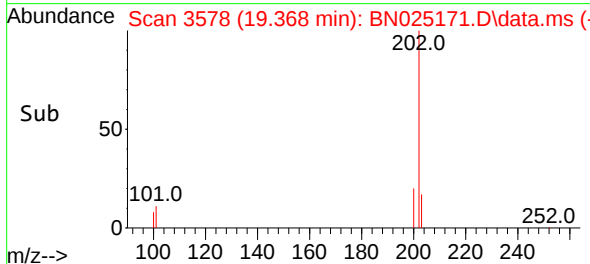
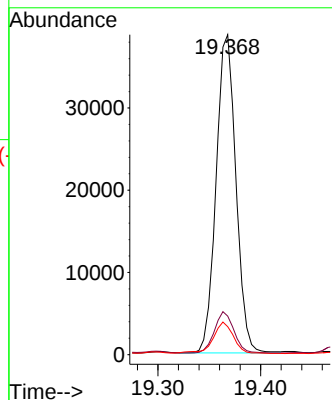
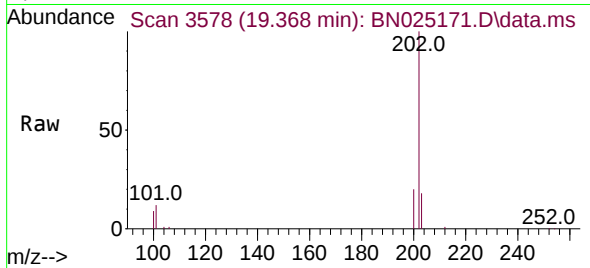
#19
Fluoranthene
Concen: 0.479 ng/ul
RT: 19.368 min Scan# 3578
Delta R.T. -0.004 min
Lab File: BN025171.D
Acq: 27 Apr 2023 11:12

Instrument :
BNA_N
ClientSampleId :
EW8Z0

Tgt Ion:202 Resp: 5173
Ion Ratio Lower Upper
202 100
101 12.1 9.7 14.5
100 8.8 7.3 10.9

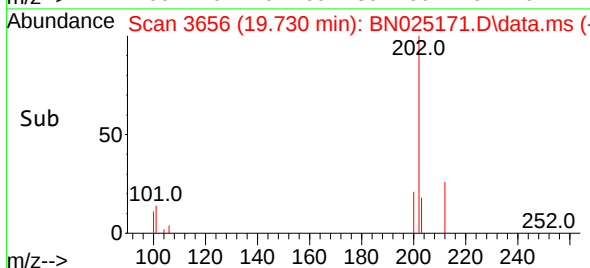
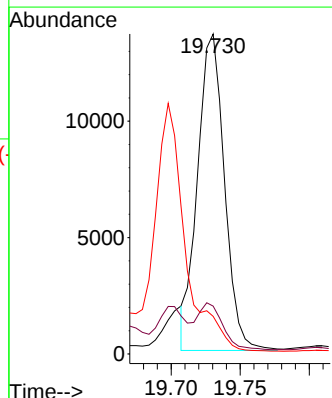
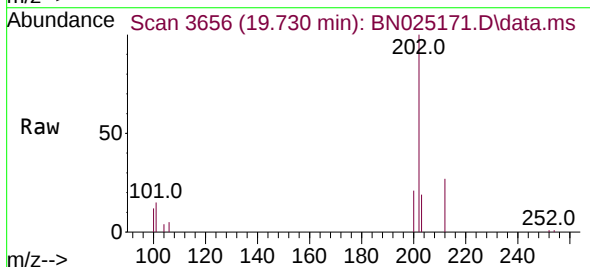
Manual Integrations
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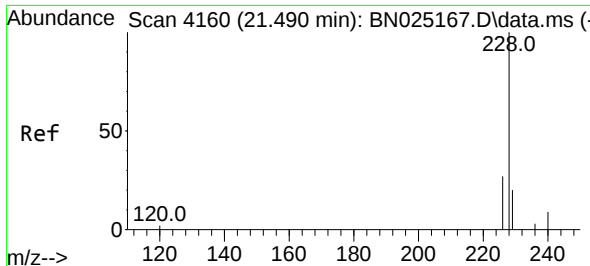
Reviewed By :Christian Giraldo 04/28/2023
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#20
Pyrene
Concen: 0.166 ng/ul m
RT: 19.730 min Scan# 3656
Delta R.T. -0.004 min
Lab File: BN025171.D
Acq: 27 Apr 2023 11:12

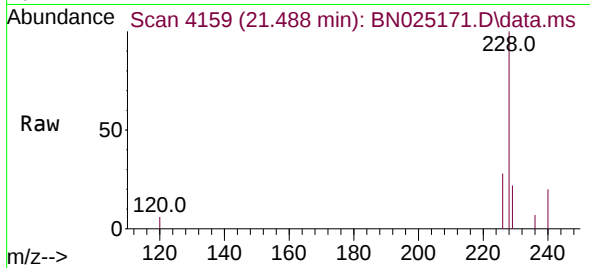
Tgt Ion:202 Resp: 18453
Ion Ratio Lower Upper
202 100
101 14.9 11.3 16.9
100 11.8 9.2 13.8





#21
Benzo(a)anthracene
Concen: 0.277 ng/u1
RT: 21.488 min Scan# 4159
Delta R.T. -0.002 min
Lab File: BN025171.D
Acq: 27 Apr 2023 11:12

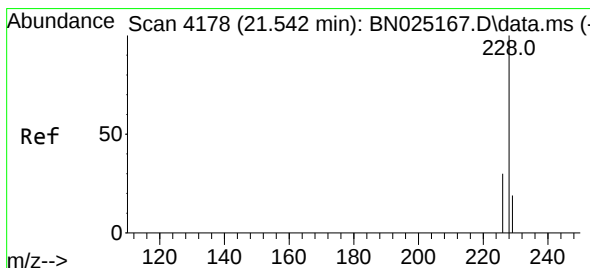
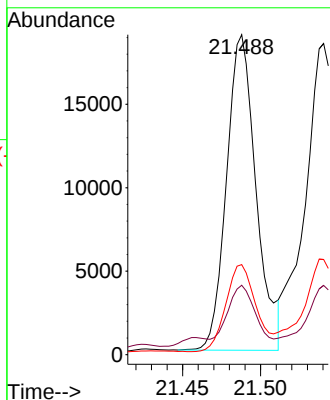
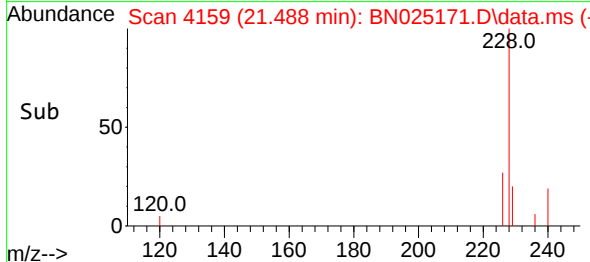
Instrument :
BNA_N
ClientSampleId :
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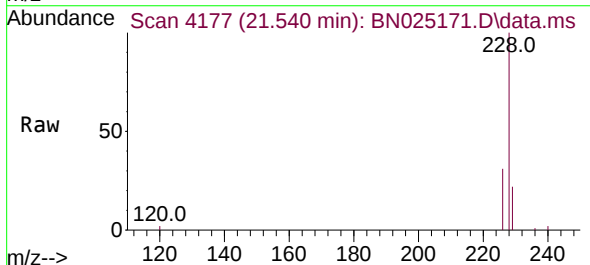
Tgt Ion:228 Resp: 2492
Ion Ratio Lower Upper
228 100
229 21.7 15.6 23.4
226 28.2 22.1 33.1

Manual Integrations
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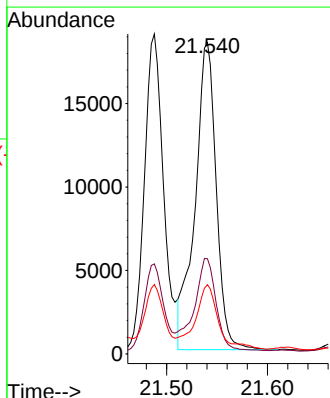
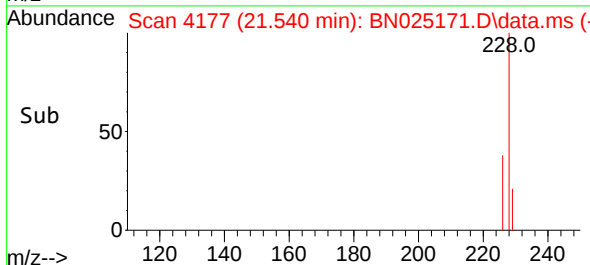
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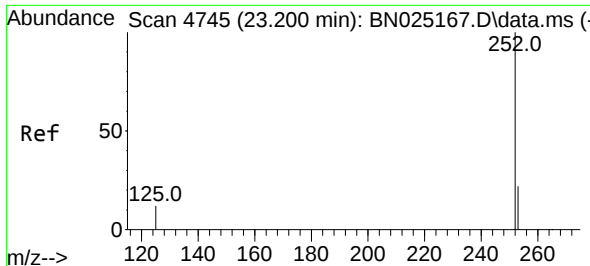


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Chrysene
Concen: 0.273 ng/u1
RT: 21.540 min Scan# 4177
Delta R.T. -0.002 min
Lab File: BN025171.D
Acq: 27 Apr 2023 11:12



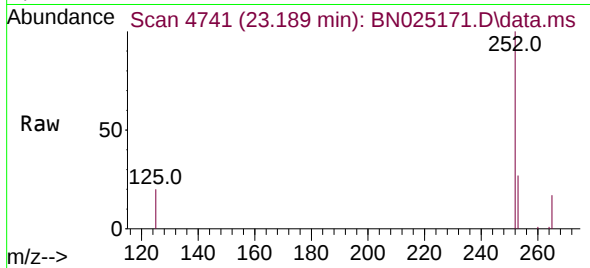
Tgt Ion:228 Resp: 26833
Ion Ratio Lower Upper
228 100
226 30.6 24.5 36.7
229 22.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.302 ng/ul m
RT: 23.189 min Scan# 4741
Delta R.T. -0.011 min
Lab File: BN025171.D
Acq: 27 Apr 2023 11:12

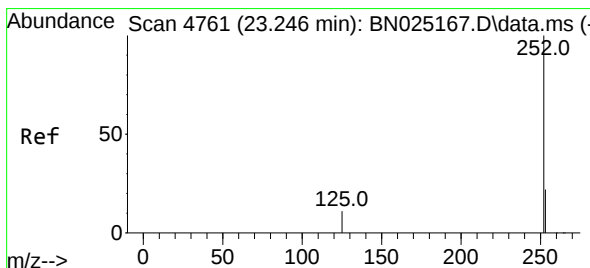
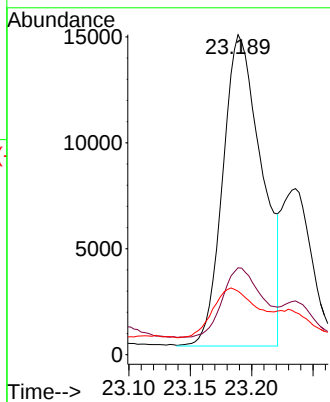
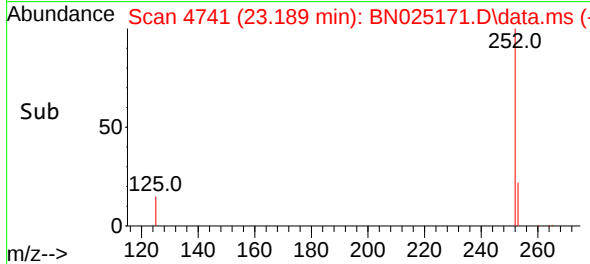
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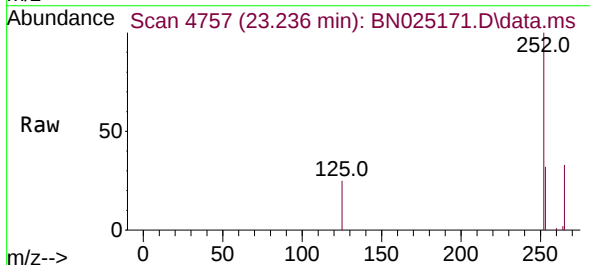
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Ion Ratio Lower Upper
252 100
253 27.2 0.0 50.2
125 19.8 0.0 30.4

Manual Integrations
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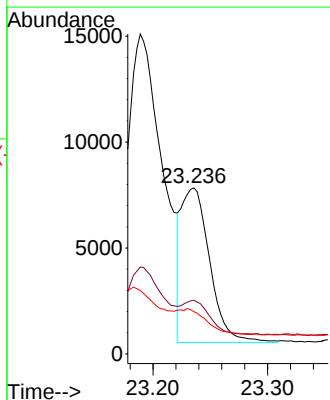
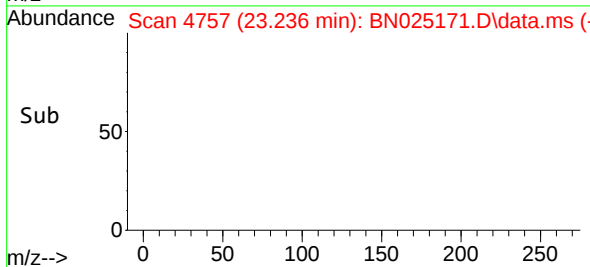
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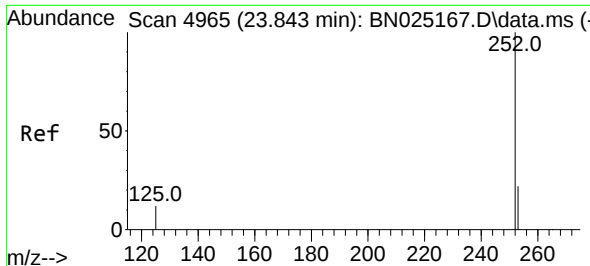


#25
Benzo(k)fluoranthene
Concen: 0.122 ng/ul m
RT: 23.236 min Scan# 4757
Delta R.T. -0.011 min
Lab File: BN025171.D
Acq: 27 Apr 2023 11:12



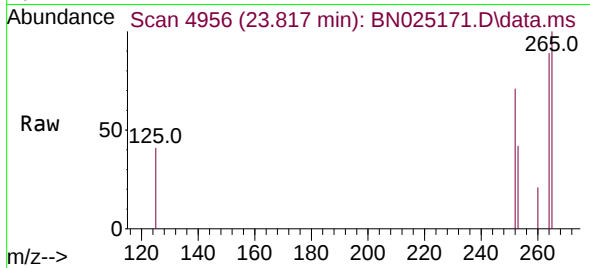
Tgt Ion:252 Resp: 12606
Ion Ratio Lower Upper
252 100
253 32.4 20.2 30.4#
125 25.4 11.8 17.8#





#26
Benzo(a)pyrene
Concen: 0.040 ng/ul
RT: 23.817 min Scan# 4956
Delta R.T. -0.025 min
Lab File: BN025171.D
Acq: 27 Apr 2023 11:12

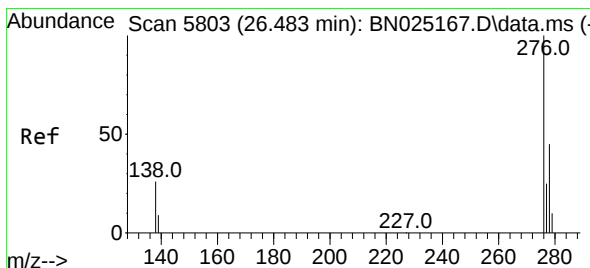
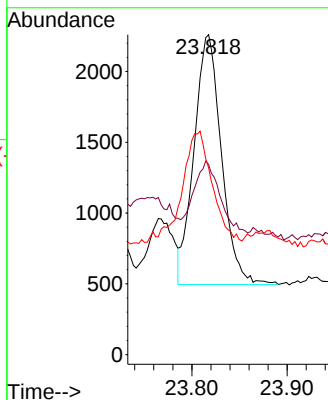
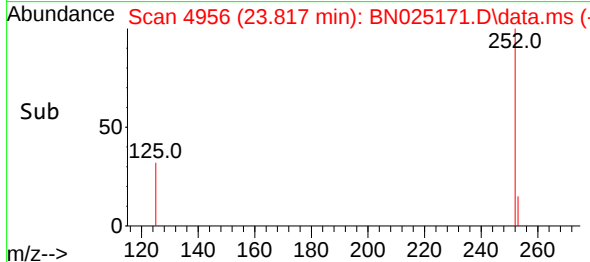
Instrument :
BNA_N
ClientSampleId :
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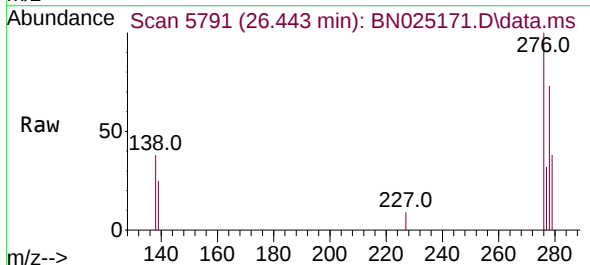
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Ion Ratio Lower Upper
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125 58.4 14.6 22.0

Manual Integrations
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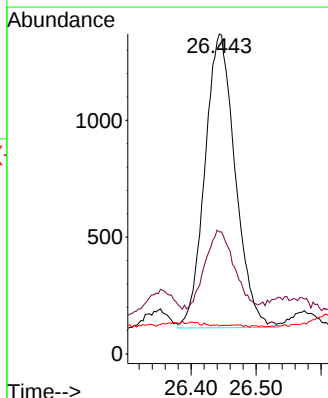
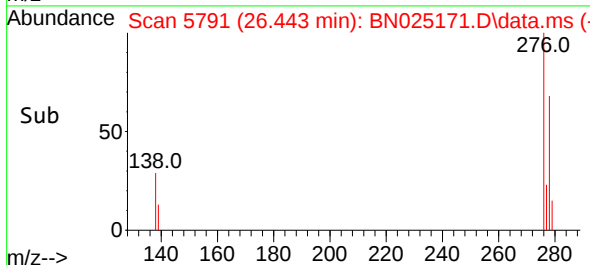
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023

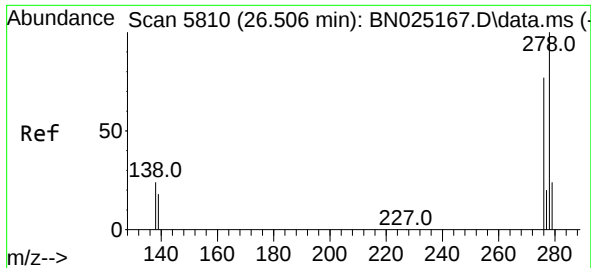


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.040 ng/ul
RT: 26.443 min Scan# 5791
Delta R.T. -0.039 min
Lab File: BN025171.D
Acq: 27 Apr 2023 11:12



Tgt Ion:276 Resp: 4085
Ion Ratio Lower Upper
276 100
138 27.5 21.9 32.9
227 0.0 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.044 ng/ul

RT: 26.453 min Scan# 51

Delta R.T. -0.053 min

Lab File: BN025171.D

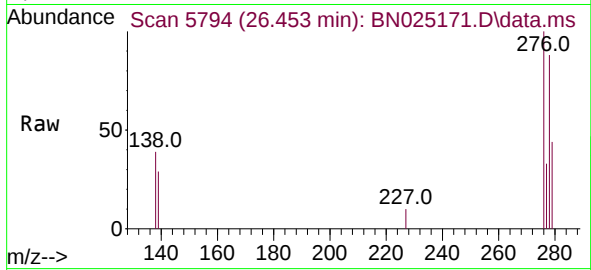
Acq: 27 Apr 2023 11:12

Instrument :

BNA_N

ClientSampleId :

EW8Z0



Tgt Ion:278 Resp: 349

Ion Ratio Lower Upper

278 100

139 32.4 17.0 25.6

279 50.1 21.8 32.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

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