

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101023\
 Data File : BM042254.D
 Acq On : 10 Oct 2023 17:08
 Operator : MA/JU
 Sample : 04654-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBBT4

Manual Integrations
 APPROVED

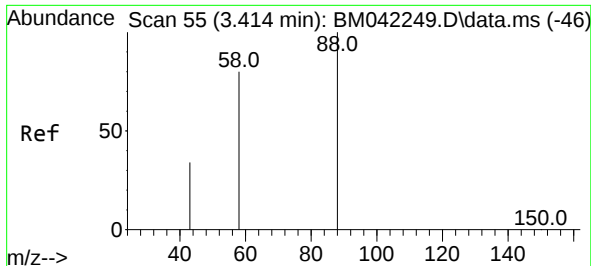
Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :mohammad ahmed 10/12/2023

Quant Time: Oct 11 04:14:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 10 14:01:53 2023
 Response via : Initial Calibration

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

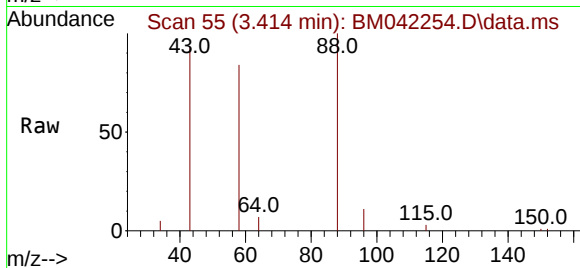
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.026	152	3547	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.845	136	8986	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.666	164	4265m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	9228	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.600	240	5343	0.400	ng/ul	# 0.00
23) Perylene-d12	24.079	264	5445	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	21721	4.598	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	3865	0.314	ng/ul	0.00
18) Fluoranthene-d10	19.441	212	6933	0.346	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.414	88	9487	1.923	ng/ul#	72
5) Naphthalene	10.894	128	26251	0.876	ng/ul	100
7) 2-Methylnaphthalene	12.500	142	16431	0.915	ng/ul	96
8) 1-Methylnaphthalene	12.720	142	17788	0.984	ng/ul	93
11) Acenaphthene	14.740	153	900	0.044	ng/ul#	45
12) Fluorene	15.711	166	2446	0.106	ng/ul#	79
14) Pentachlorophenol	17.046	266	53086	12.690	ng/ul	98
15) Phenanthrene	17.459	178	11341	0.298	ng/ul#	82
16) Anthracene	17.548	178	775	0.022	ng/ul#	1

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



#2
1,4-Dioxane
Concen: 1.923 ng/ul
RT: 3.414 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM042254.D
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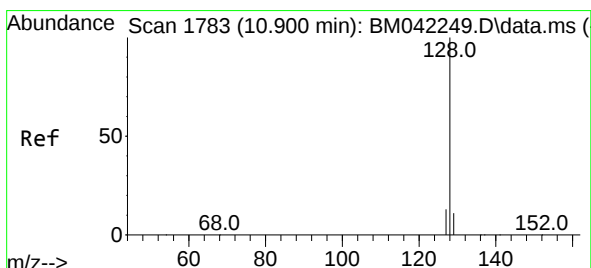
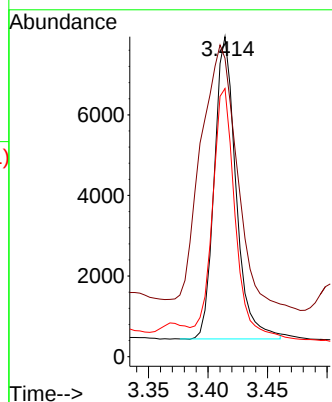
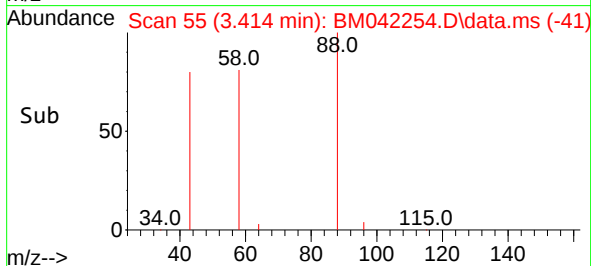
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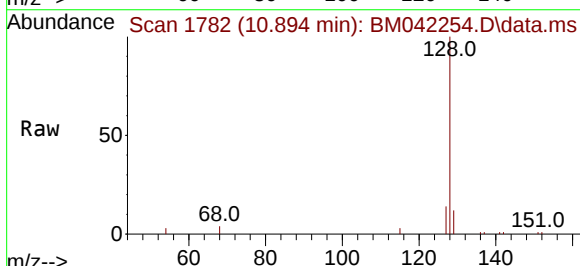
Tgt Ion: 88 Resp: 948
Ion Ratio Lower Upper
88 100
43 93.2 52.1 78.1
58 83.8 53.8 80.6

Manual Integrations
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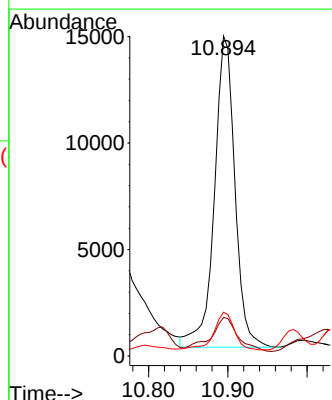
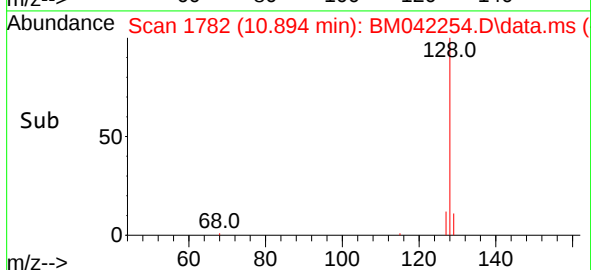
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

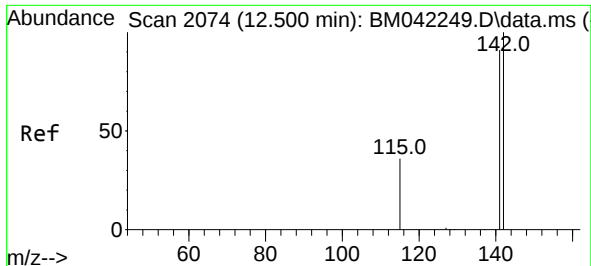


#5
Naphthalene
Concen: 0.876 ng/ul
RT: 10.894 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BM042254.D
Acq: 10 Oct 2023 17:08



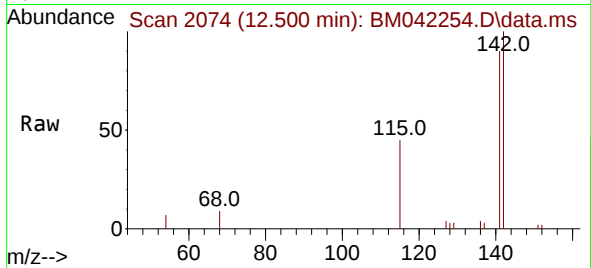
Tgt Ion:128 Resp: 26251
Ion Ratio Lower Upper
128 100
129 12.1 9.4 14.2
127 13.7 11.0 16.4





#7
2-Methylnaphthalene
Concen: 0.915 ng/ul
RT: 12.500 min Scan# 2074
Delta R.T. -0.000 min
Lab File: BM042254.D
Acq: 10 Oct 2023 17:08

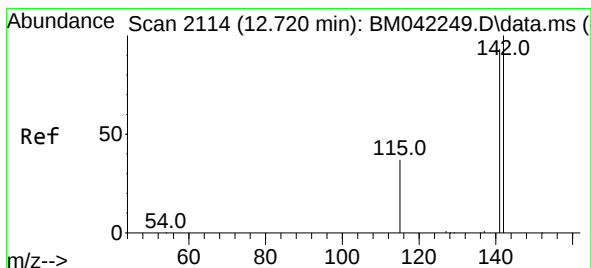
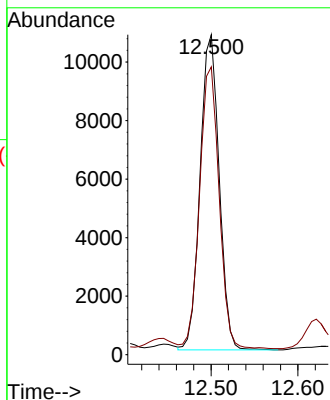
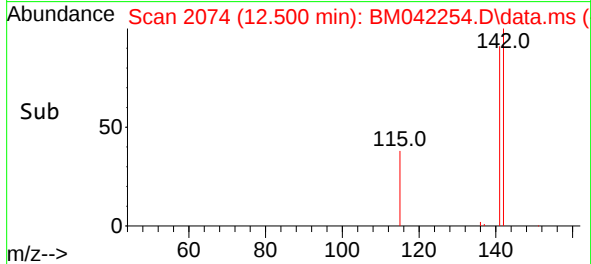
Instrument :
BNA_M
ClientSampleId :
BBBT4



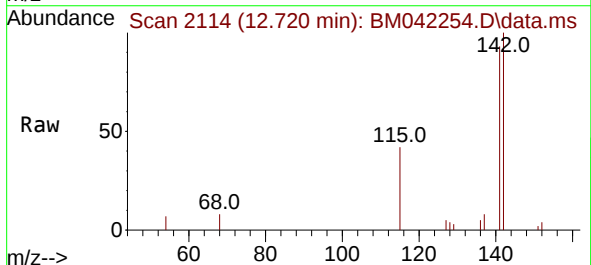
Tgt Ion:142 Resp: 1643
Ion Ratio Lower Upper
142 100
141 91.4 70.2 105.4

Manual Integrations
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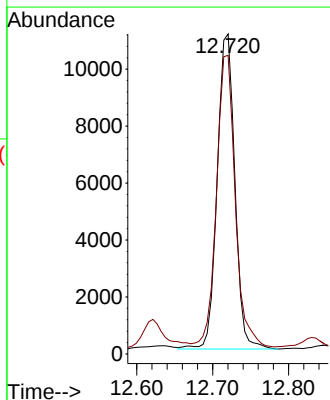
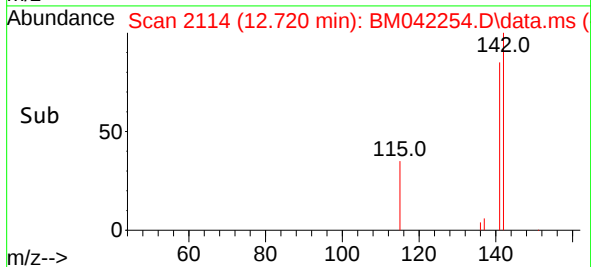
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

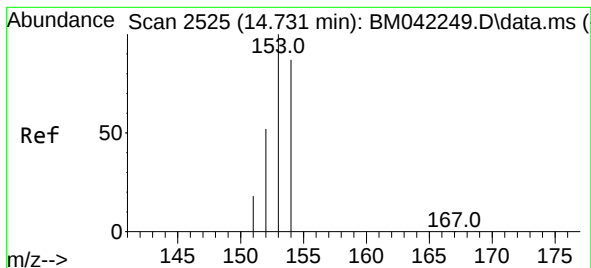


#8
1-Methylnaphthalene
Concen: 0.984 ng/ul
RT: 12.720 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BM042254.D
Acq: 10 Oct 2023 17:08



Tgt Ion:142 Resp: 17788
Ion Ratio Lower Upper
142 100
141 98.4 73.5 110.3





#11

Acenaphthene

Concen: 0.044 ng/u1

RT: 14.740 min Scan# 2525

Delta R.T. 0.009 min

Lab File: BM042254.D

Acq: 10 Oct 2023 17:08

Instrument :

BNA_M

ClientSampleId :

BBBT4

Tgt Ion:153 Resp: 900

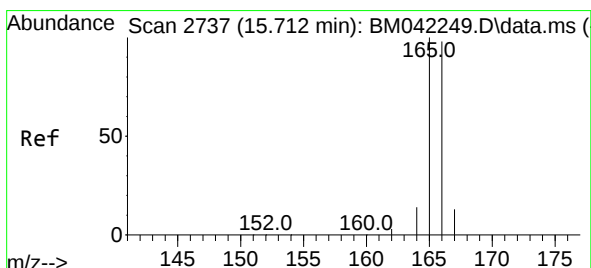
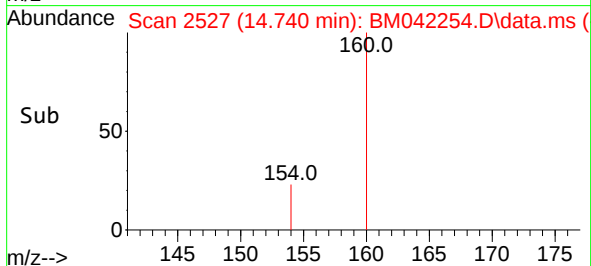
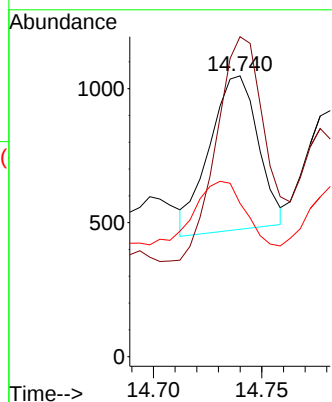
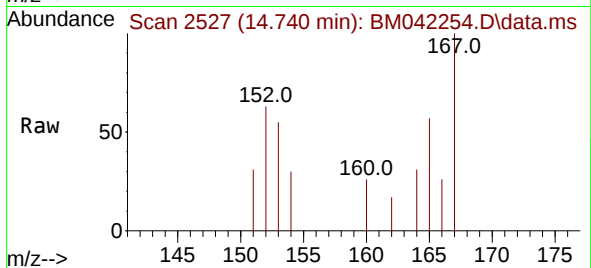
Ion	Ratio	Lower	Upper
153	100		
152	113.9	41.1	61.7
154	54.6	69.5	104.3

Manual Integrations

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Supervised By :mohammad ahmed 10/12/2023



#12

Fluorene

Concen: 0.106 ng/u1

RT: 15.711 min Scan# 2737

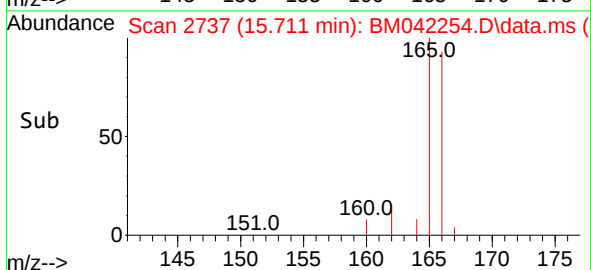
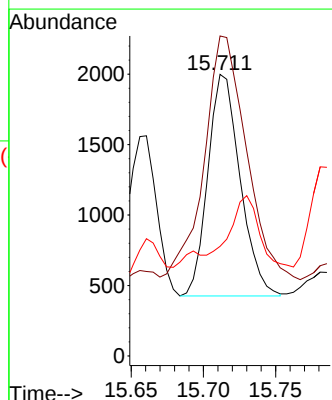
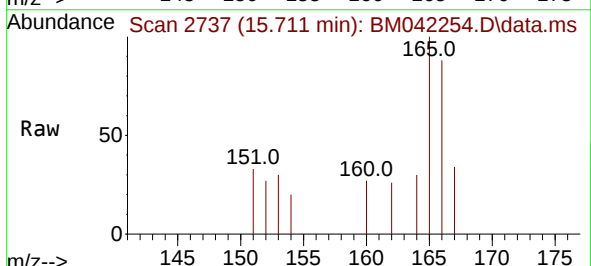
Delta R.T. -0.000 min

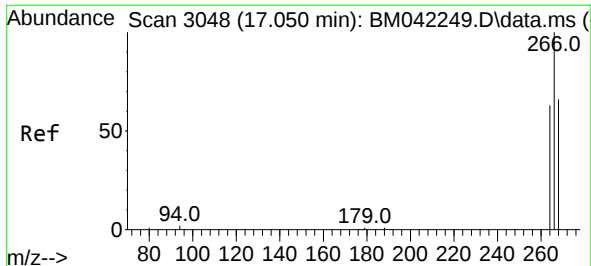
Lab File: BM042254.D

Acq: 10 Oct 2023 17:08

Tgt Ion:166 Resp: 2446

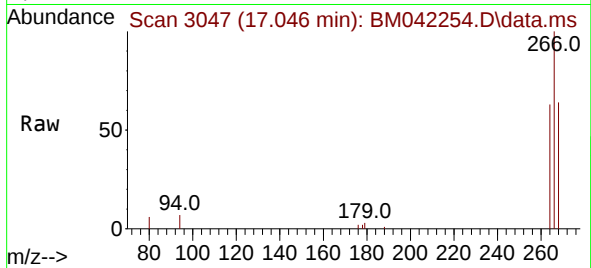
Ion	Ratio	Lower	Upper
166	100		
165	113.7	78.4	117.6
167	38.9	11.5	17.3





#14
 Pentachlorophenol
 Concen: 12.690 ng/ul
 RT: 17.046 min Scan# 3048
 Delta R.T. -0.004 min
 Lab File: BM042254.D
 Acq: 10 Oct 2023 17:08

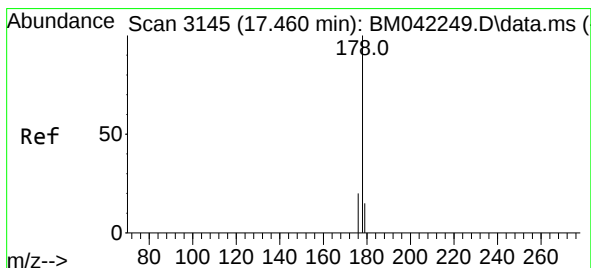
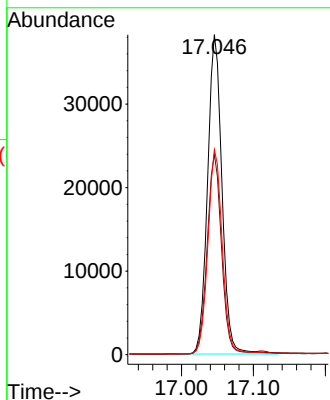
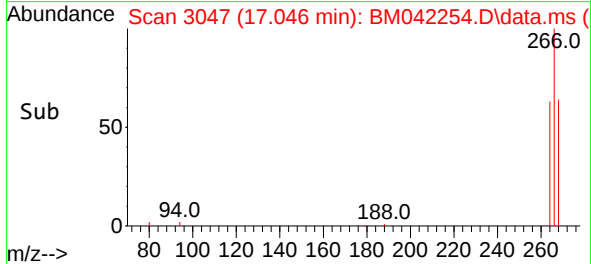
Instrument :
 BNA_M
 ClientSampleId :
 BBBT4



Tgt Ion:266 Resp: 53080
 Ion Ratio Lower Upper
 266 100
 264 62.1 51.1 76.7
 268 64.0 52.1 78.1

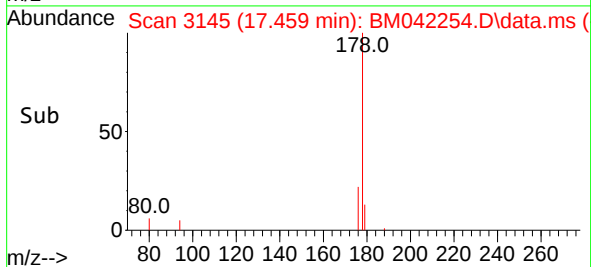
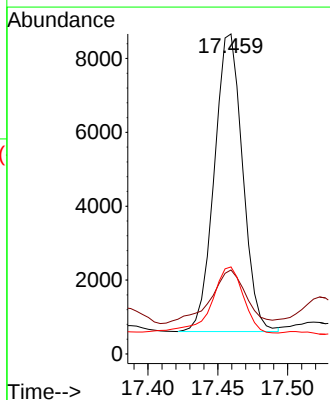
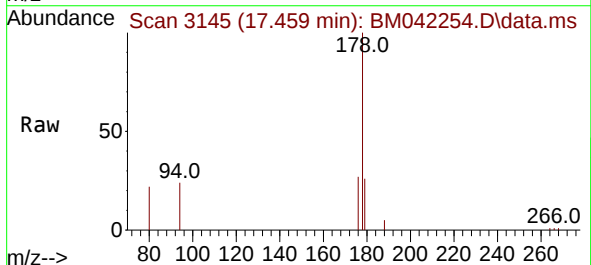
Manual Integrations
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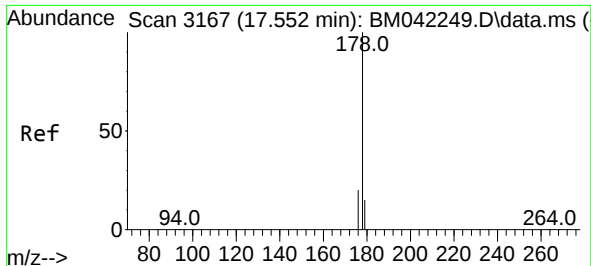
Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :mohammad ahmed 10/12/2023



#15
 Phenanthrene
 Concen: 0.298 ng/ul
 RT: 17.459 min Scan# 3145
 Delta R.T. -0.000 min
 Lab File: BM042254.D
 Acq: 10 Oct 2023 17:08

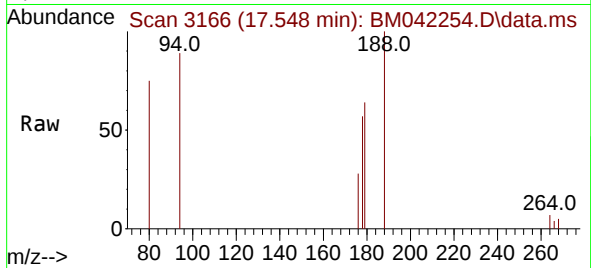
Tgt Ion:178 Resp: 11341
 Ion Ratio Lower Upper
 178 100
 179 26.2 13.0 19.4#
 176 27.2 16.8 25.2#





#16
 Anthracene
 Concen: 0.022 ng/ul
 RT: 17.548 min Scan# 3166
 Delta R.T. -0.004 min
 Lab File: BM042254.D
 Acq: 10 Oct 2023 17:08

Instrument :
 BNA_M
 ClientSampleId :
 BBBT4



Tgt Ion:178 Resp: 775
 Ion Ratio Lower Upper
 178 100
 179 111.0 12.9 19.3
 176 49.2 16.3 24.5

Manual Integrations
 APPROVED

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