

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012725\
 Data File : BN036060.D
 Acq On : 28 Jan 2025 05:50
 Operator : RC/JU
 Sample : Q1174-08
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2938

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025
 Supervised By :mohammad ahmed 01/31/2025

Quant Time: Jan 28 06:18:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 21 23:52:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	2780	0.400	ng/ul	0.00
4) Naphthalene-d8	10.638	136	14593m	0.400	ng/ul	0.03
9) Acenaphthene-d10	14.464	164	17150	0.400	ng/ul	# 0.01
13) Phenanthrene-d10	17.195	188	9718m	0.400	ng/ul	0.00
17) Chrysene-d12	21.380	240	9723	0.400	ng/ul	# 0.00
23) Perylene-d12	23.681	264	7709m	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	12526	4.115	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.211	152	5715	0.310	ng/ul	0.01
18) Fluoranthene-d10	19.224	212	8781	0.329	ng/ul	0.00
Target Compounds						
					Qvalue	
8) 1-Methylnaphthalene	12.502	142	32180	1.270	ng/ul	94
10) Acenaphthylene	14.186	152	5028	0.062	ng/ul#	31
11) Acenaphthene	14.524	153	46693	0.785	ng/ul#	78
12) Fluorene	15.505	166	19091	0.291	ng/ul#	94
14) Pentachlorophenol	16.853	266	1239	0.364	ng/ul	94
15) Phenanthrene	17.237	178	53032	1.864	ng/ul#	93
16) Anthracene	17.326	178	12976	0.491	ng/ul#	42
19) Fluoranthene	19.257	202	14307	0.387	ng/ul#	83
20) Pyrene	19.619	202	10669	0.277	ng/ul#	76
21) Benzo(a)anthracene	21.363	228	1943	0.056	ng/ul#	1
22) Chrysene	21.415	228	2383	0.067	ng/ul#	1
24) Benzo(b)fluoranthene	22.988	252	1302m	0.051	ng/ul	
25) Benzo(k)fluoranthene	23.032	252	1239m	0.046	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.028	276	1160m	0.038	ng/ul	
29) Benzo(g,h,i)perylene	26.746	276	953m	0.040	ng/ul	

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

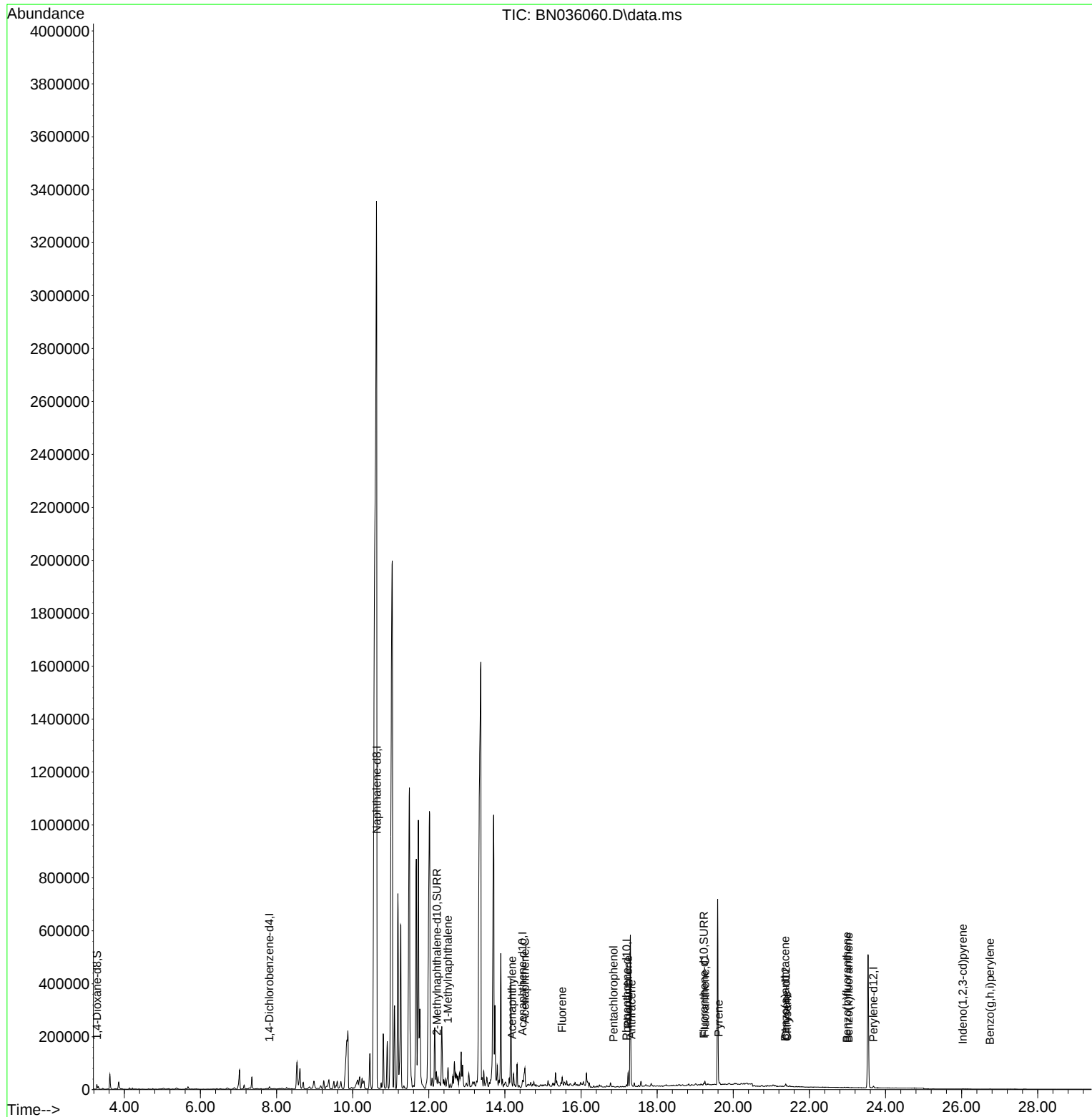
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012725\
Data File : BN036060.D
Acq On : 28 Jan 2025 05:50
Operator : RC/JU
Sample : Q1174-08
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ALS Vial : 33 Sample Multiplier: 1

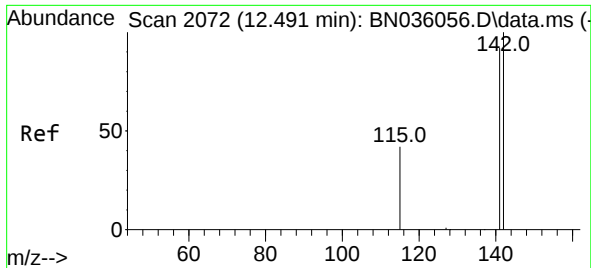
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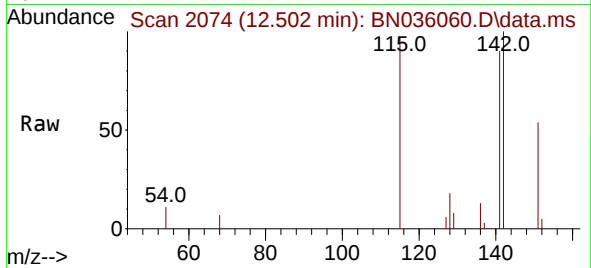
Quant Time: Jan 28 06:18:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration





#8
1-Methylnaphthalene
Concen: 1.270 ng/ul
RT: 12.502 min Scan# 2074
Delta R.T. 0.011 min
Lab File: BN036060.D
Acq: 28 Jan 2025 05:50

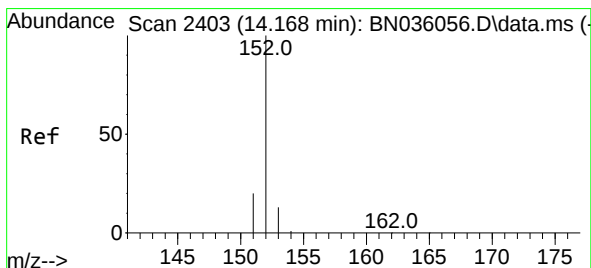
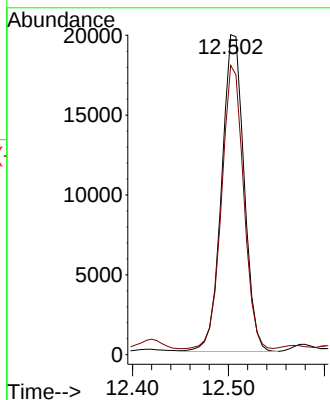
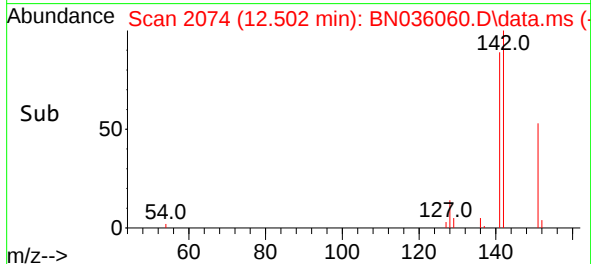
Instrument :
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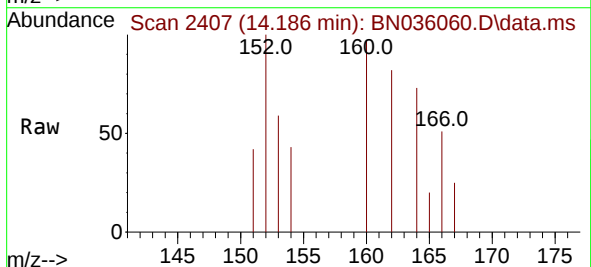
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Ion Ratio Lower Upper
142 100
141 87.8 75.2 112.8

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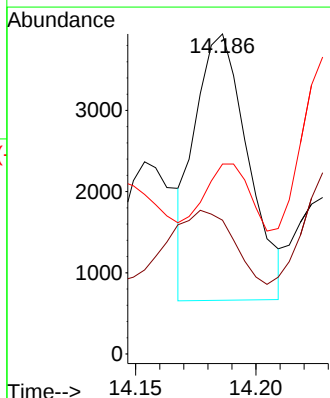
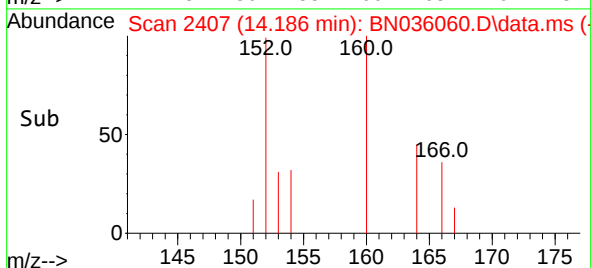
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025

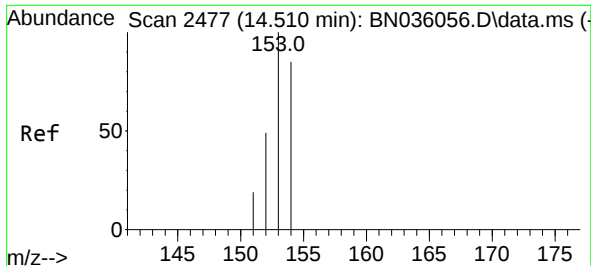


#10
Acenaphthylene
Concen: 0.062 ng/ul
RT: 14.186 min Scan# 2407
Delta R.T. 0.018 min
Lab File: BN036060.D
Acq: 28 Jan 2025 05:50



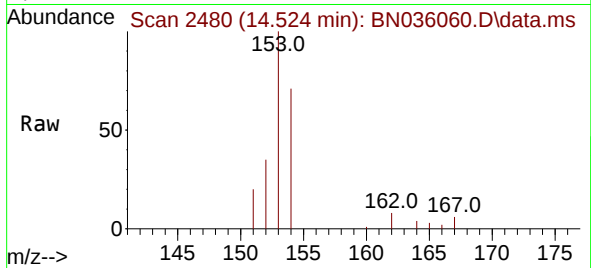
Tgt Ion:152 Resp: 5028
Ion Ratio Lower Upper
152 100
151 41.8 17.4 26.2#
153 59.4 11.9 17.9#





#11
Acenaphthene
Concen: 0.785 ng/u1
RT: 14.524 min Scan# 2477
Delta R.T. 0.009 min
Lab File: BN036060.D
Acq: 28 Jan 2025 05:50

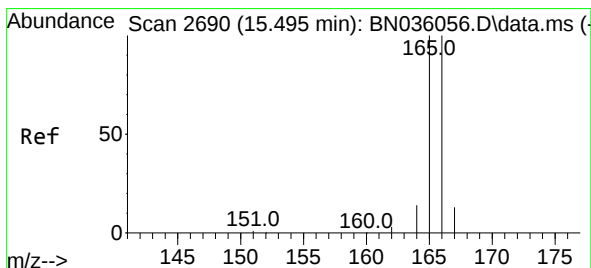
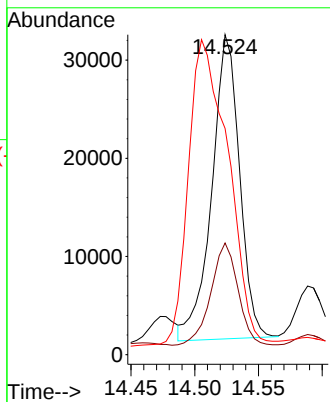
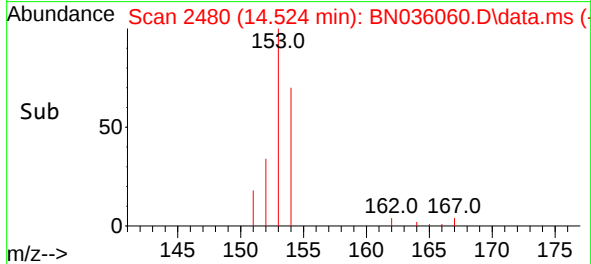
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E2938



Tgt Ion:153 Resp: 4669
Ion Ratio Lower Upper
153 100
152 34.9 43.2 64.8
154 70.7 70.5 105.7

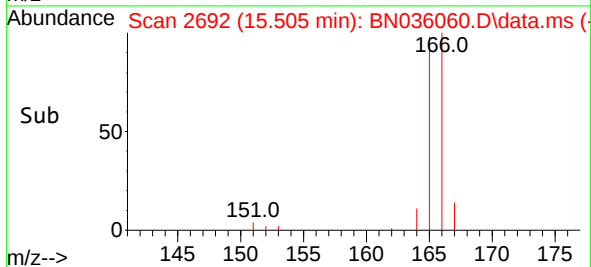
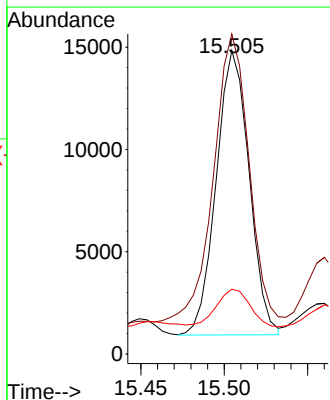
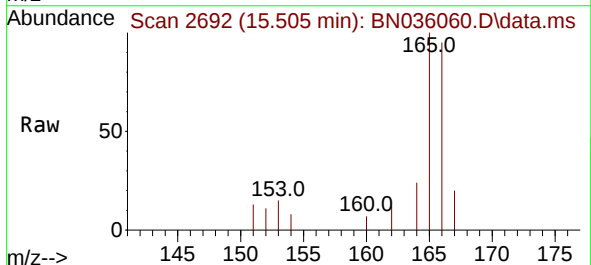
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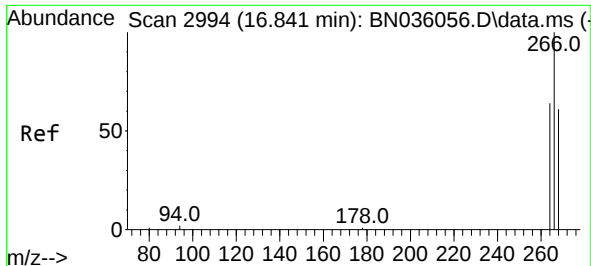
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#12
Fluorene
Concen: 0.291 ng/u1
RT: 15.505 min Scan# 2692
Delta R.T. 0.005 min
Lab File: BN036060.D
Acq: 28 Jan 2025 05:50

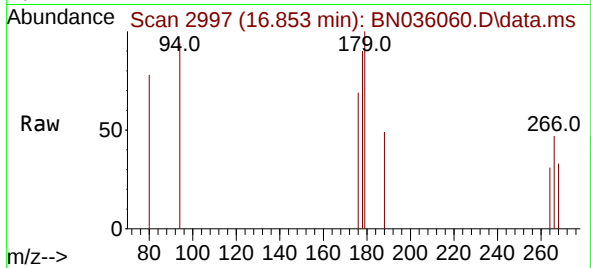
Tgt Ion:166 Resp: 19091
Ion Ratio Lower Upper
166 100
165 105.5 80.3 120.5
167 21.3 12.3 18.5





#14
 Pentachlorophenol
 Concen: 0.364 ng/ul
 RT: 16.853 min Scan# 2994
 Delta R.T. 0.013 min
 Lab File: BN036060.D
 Acq: 28 Jan 2025 05:50

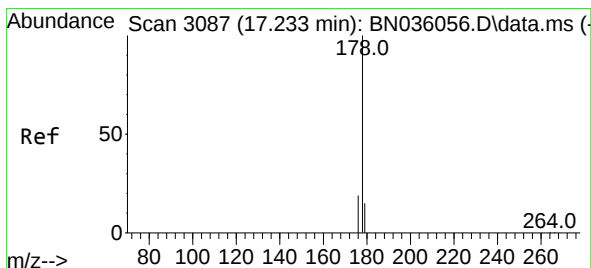
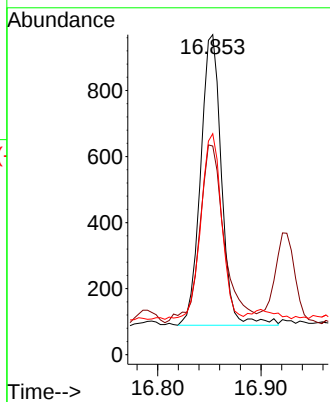
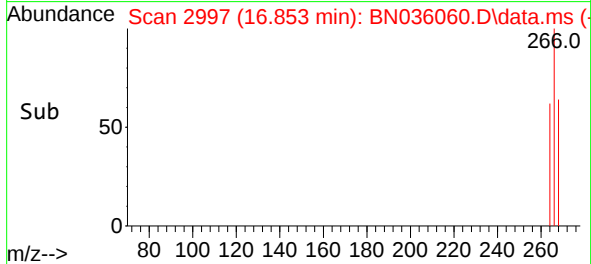
Instrument :
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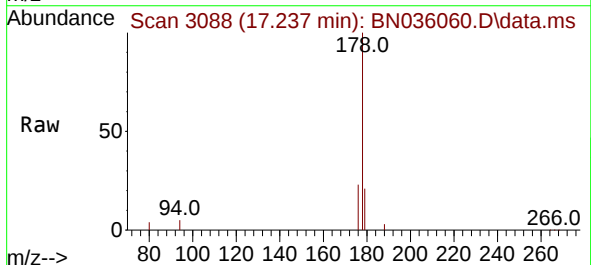
Tgt Ion:266 Resp: 1239
 Ion Ratio Lower Upper
 266 100
 264 72.2 50.6 75.8
 268 63.5 50.6 75.8

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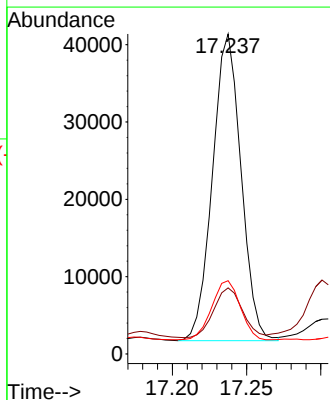
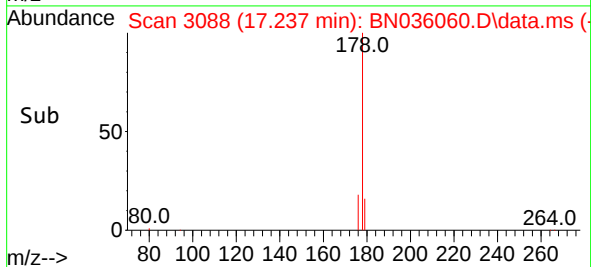
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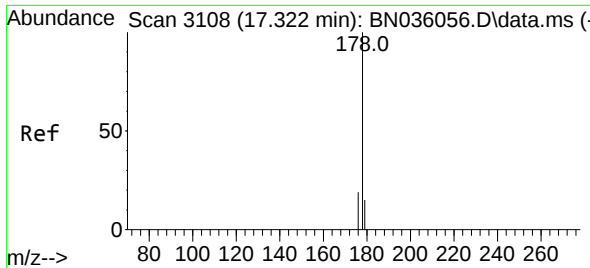


#15
 Phenanthrene
 Concen: 1.864 ng/ul
 RT: 17.237 min Scan# 3088
 Delta R.T. 0.004 min
 Lab File: BN036060.D
 Acq: 28 Jan 2025 05:50



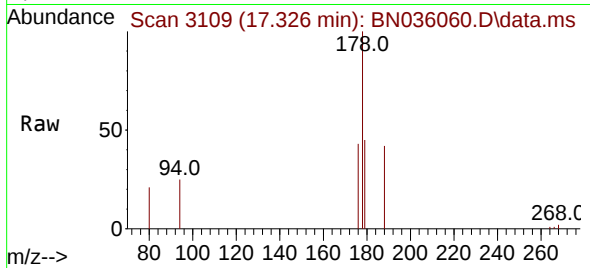
Tgt Ion:178 Resp: 53032
 Ion Ratio Lower Upper
 178 100
 179 20.7 13.2 19.8#
 176 22.9 16.8 25.2





#16
 Anthracene
 Concen: 0.491 ng/ul
 RT: 17.326 min Scan# 3109
 Delta R.T. 0.004 min
 Lab File: BN036060.D
 Acq: 28 Jan 2025 05:50

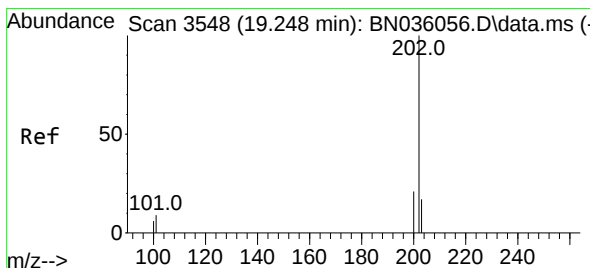
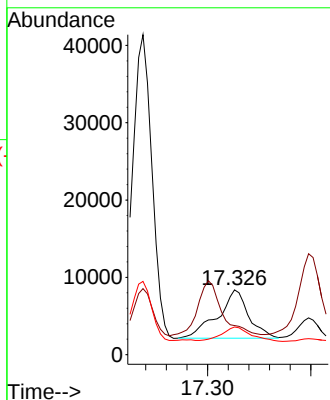
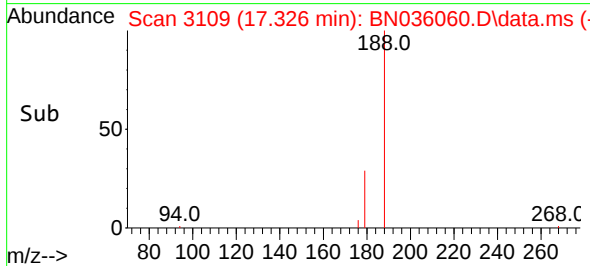
Instrument :
 BNA_N
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 E2938



Tgt Ion:178 Resp: 12970
 Ion Ratio Lower Upper
 178 100
 179 45.1 13.0 19.4#
 176 42.7 15.9 23.9#

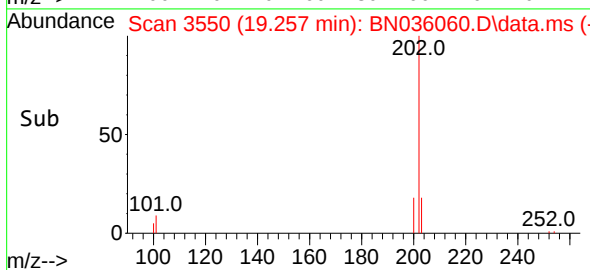
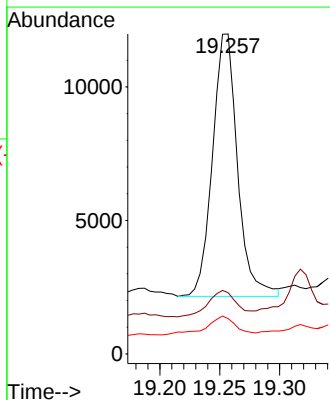
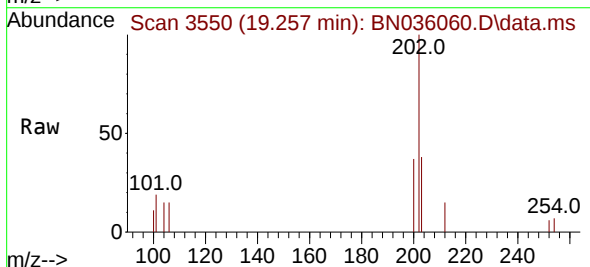
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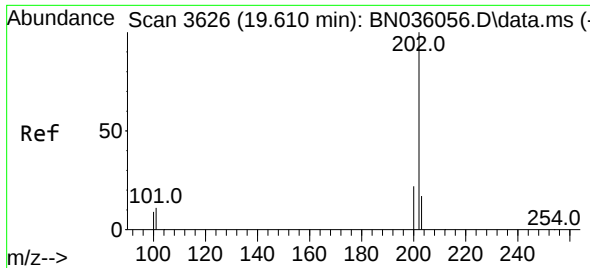
Reviewed By :Jagrut Upadhyay 01/28/2025
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#19
 Fluoranthene
 Concen: 0.387 ng/ul
 RT: 19.257 min Scan# 3550
 Delta R.T. 0.010 min
 Lab File: BN036060.D
 Acq: 28 Jan 2025 05:50

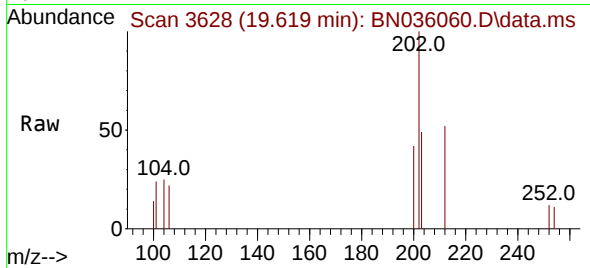
Tgt Ion:202 Resp: 14307
 Ion Ratio Lower Upper
 202 100
 101 19.2 8.4 12.6#
 100 11.1 6.5 9.7#





#20
Pyrene
Concen: 0.277 ng/ul
RT: 19.619 min Scan# 3628
Delta R.T. 0.010 min
Lab File: BN036060.D
Acq: 28 Jan 2025 05:50

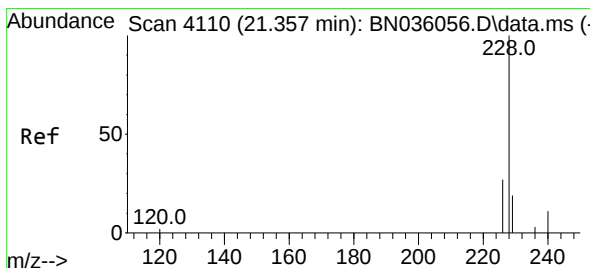
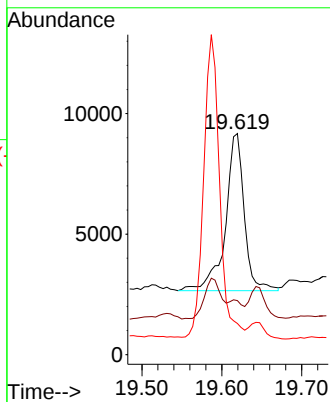
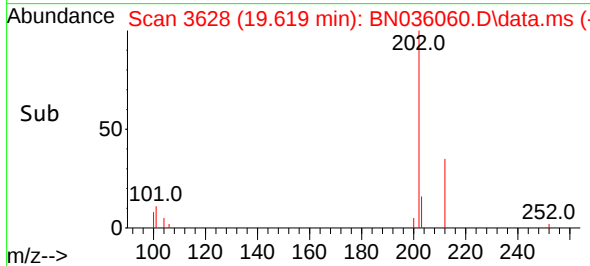
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Tgt Ion:202 Resp: 10669
Ion Ratio Lower Upper
202 100
101 24.5 9.3 13.9#
100 14.1 7.5 11.3#

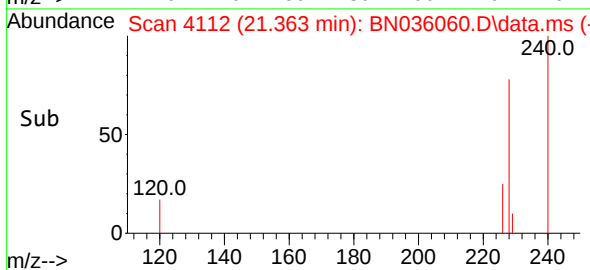
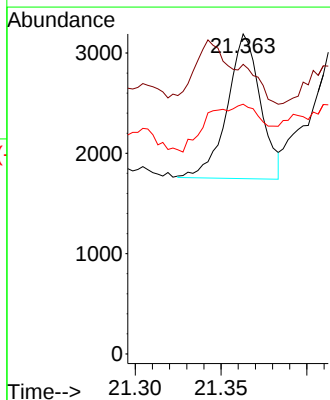
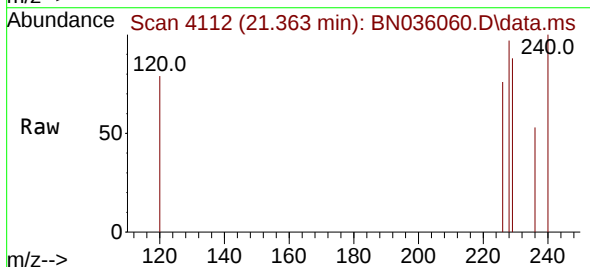
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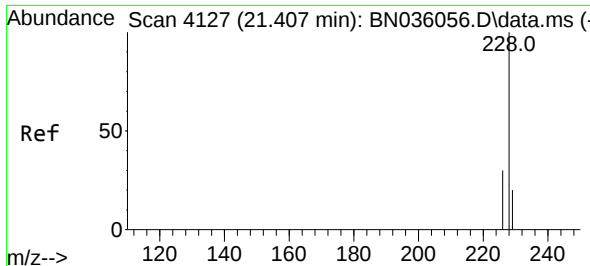
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#21
Benzo(a)anthracene
Concen: 0.056 ng/ul
RT: 21.363 min Scan# 4112
Delta R.T. 0.009 min
Lab File: BN036060.D
Acq: 28 Jan 2025 05:50

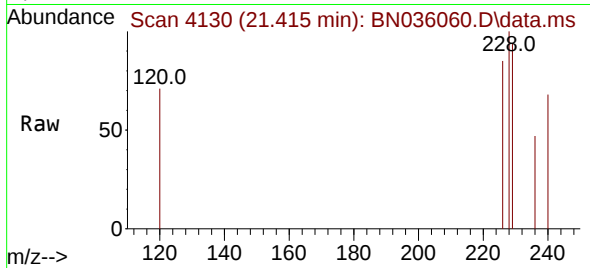
Tgt Ion:228 Resp: 1943
Ion Ratio Lower Upper
228 100
229 90.5 15.9 23.9#
226 78.1 22.8 34.2#





#22
Chrysene
Concen: 0.067 ng/ul
RT: 21.415 min Scan# 4130
Delta R.T. 0.009 min
Lab File: BN036060.D
Acq: 28 Jan 2025 05:50

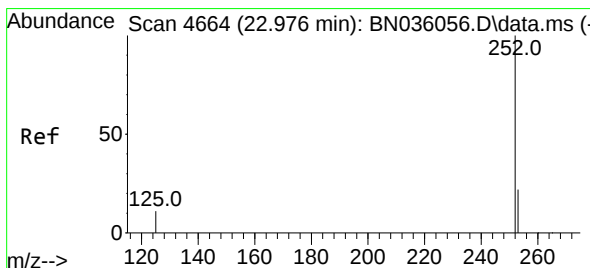
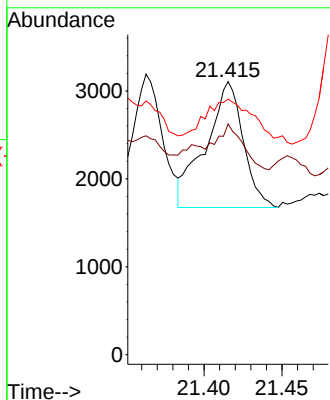
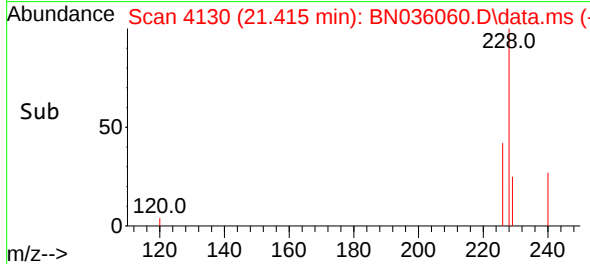
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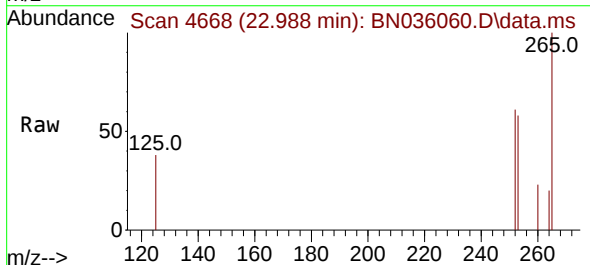
Tgt Ion:228 Resp: 238
Ion Ratio Lower Upper
228 100
226 84.5 24.4 36.6
229 93.6 15.9 23.9

Manual Integrations
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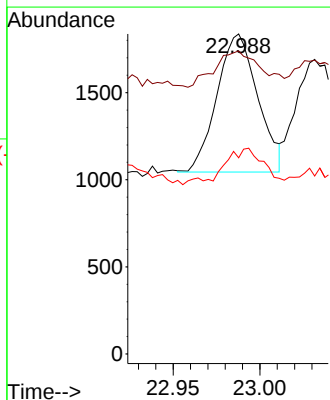
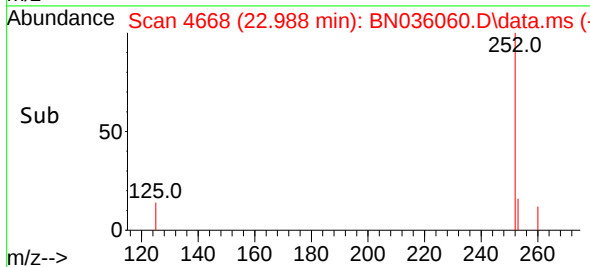
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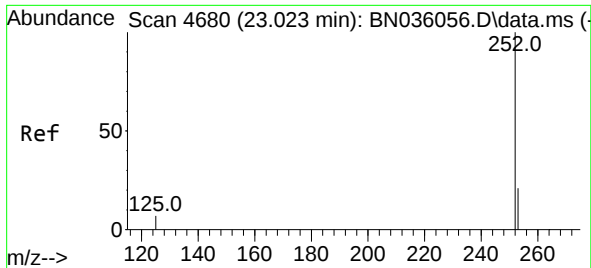


#24
Benzo(b)fluoranthene
Concen: 0.051 ng/ul m
RT: 22.988 min Scan# 4668
Delta R.T. 0.015 min
Lab File: BN036060.D
Acq: 28 Jan 2025 05:50



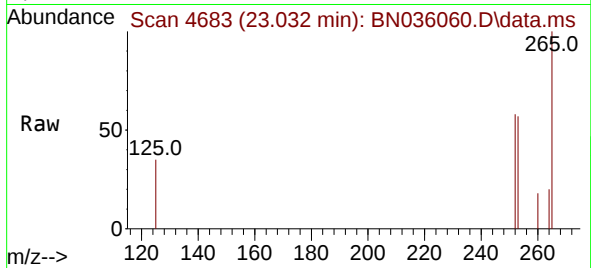
Tgt Ion:252 Resp: 1302
Ion Ratio Lower Upper
252 100
253 94.7 0.0 51.2#
125 61.3 0.0 27.8#





#25
Benzo(k)fluoranthene
Concen: 0.046 ng/ul m
RT: 23.032 min Scan# 4680
Delta R.T. 0.012 min
Lab File: BN036060.D
Acq: 28 Jan 2025 05:50

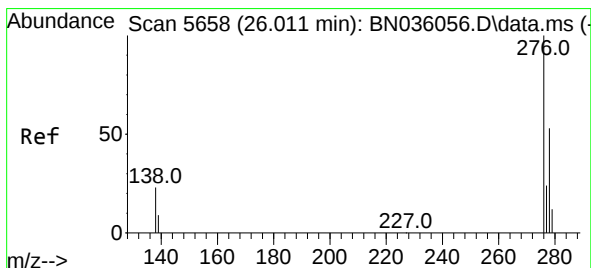
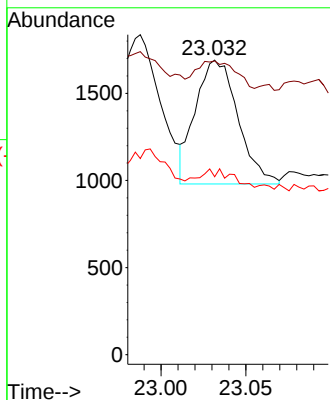
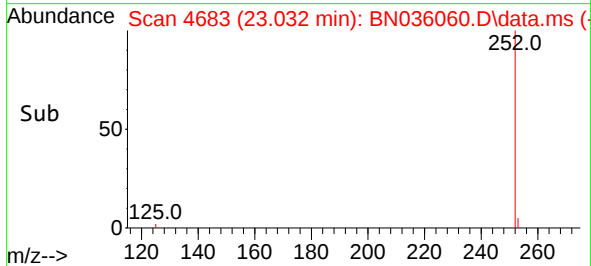
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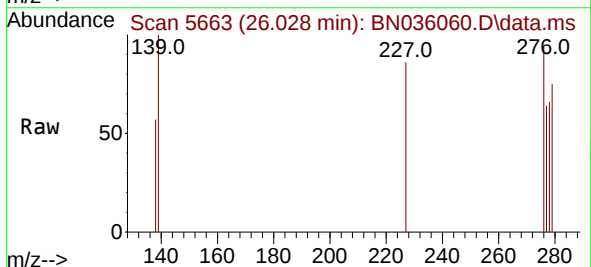
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Ion Ratio Lower Upper
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253 99.7 20.2 30.4#
125 60.4 10.6 16.0#

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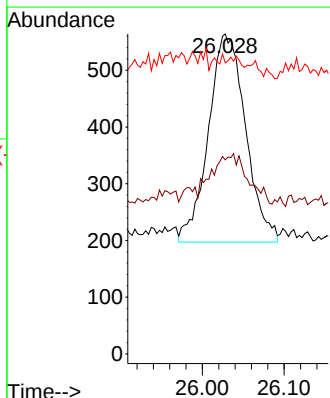
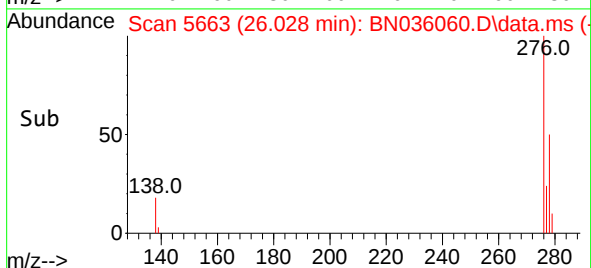
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025

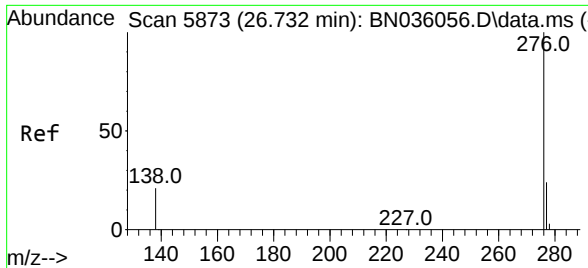


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.038 ng/ul m
RT: 26.028 min Scan# 5663
Delta R.T. 0.024 min
Lab File: BN036060.D
Acq: 28 Jan 2025 05:50



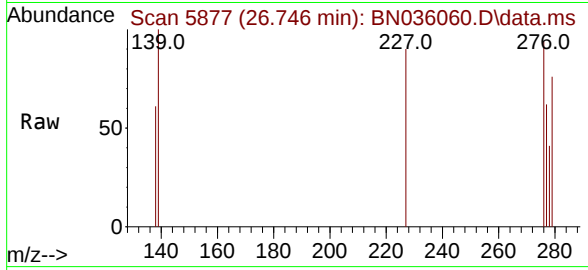
Tgt Ion:276 Resp: 1160
Ion Ratio Lower Upper
276 100
138 0.0 20.2 30.4#
227 0.8 0.1 0.1#





#29
Benzo(g,h,i)perylene
Concen: 0.040 ng/ul m
RT: 26.746 min Scan# 5877
Delta R.T. 0.027 min
Lab File: BN036060.D
Acq: 28 Jan 2025 05:50

Instrument :
BNA_N
ClientSampleId :
E2938



Tgt Ion: 276 Resp: 95
Ion Ratio Lower Upper
276 100
138 64.9 19.4 29.0
277 66.1 21.1 31.7

Manual Integrations
APPROVED

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