

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
 Data File : BN026953.D
 Acq On : 18 Aug 2023 10:38
 Operator : MA/JU
 Sample : 03970-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48H5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :mohammad ahmed 08/21/2023

Quant Time: Aug 18 13:13:56 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 : Fri Aug 18 13:11:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	3834	0.400	ng/ul	0.00
4) Naphthalene-d8	10.933	136	12552	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.730	164	7666	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.476	188	17507	0.400	ng/ul	0.00
17) Chrysene-d12	21.650	240	14801	0.400	ng/ul	# 0.00
23) Perylene-d12	24.193	264	16014	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	27801	6.108	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.505	152	5287	0.286	ng/ul	0.00
18) Fluoranthene-d10	19.492	212	15006	0.321	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.982	128	1298	0.037	ng/ul#	78
10) Acenaphthylene	14.457	152	1705	0.040	ng/ul#	87
12) Fluorene	15.776	166	720	0.021	ng/ul#	95
15) Phenanthrene	17.519	178	21457	0.373	ng/ul	100
16) Anthracene	17.611	178	4057	0.078	ng/ul#	93
19) Fluoranthene	19.524	202	55411	0.901	ng/ul	100
20) Pyrene	19.887	202	49546m	0.755	ng/ul	
21) Benzo(a)anthracene	21.632	228	21201	0.360	ng/ul	98
22) Chrysene	21.688	228	29096	0.501	ng/ul	98
24) Benzo(b)fluoranthene	23.407	252	40171m	0.663	ng/ul	
25) Benzo(k)fluoranthene	23.453	252	15330m	0.257	ng/ul	
26) Benzo(a)pyrene	24.079	252	25595	0.468	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.881	276	19779	0.277	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.907	278	4150	0.073	ng/ul#	69
29) Benzo(g,h,i)perylene	27.722	276	19885	0.334	ng/ul	97

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

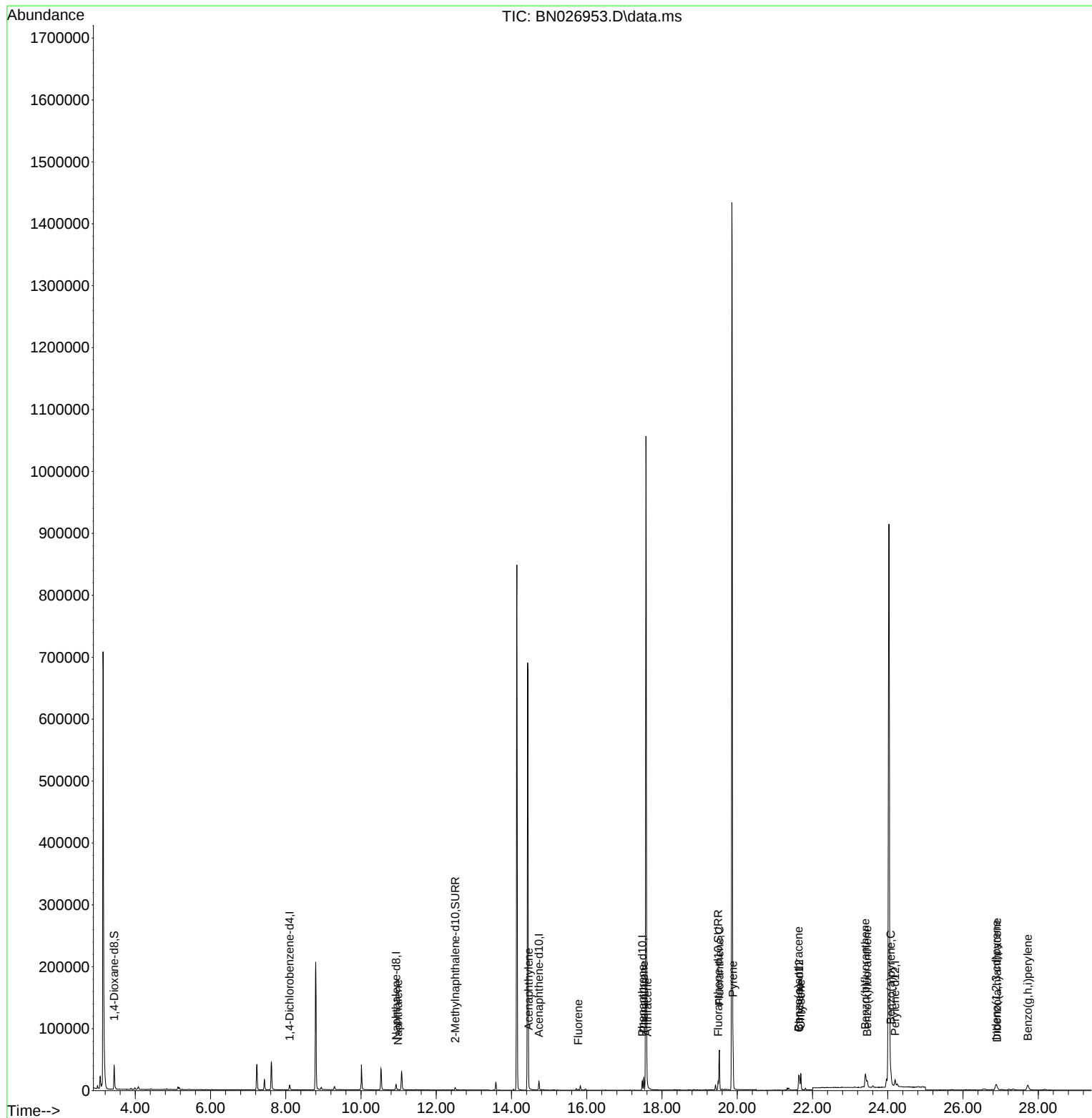
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
Data File : BN026953.D
Acq On : 18 Aug 2023 10:38
Operator : MA/JU
Sample : 03970-01
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ALS Vial : 4 Sample Multiplier: 1

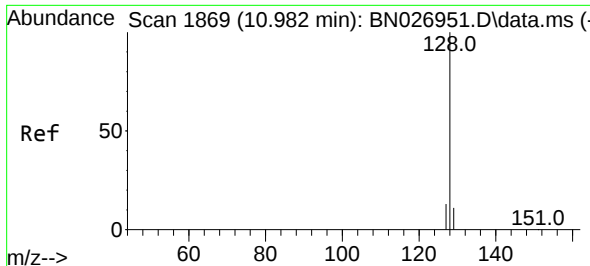
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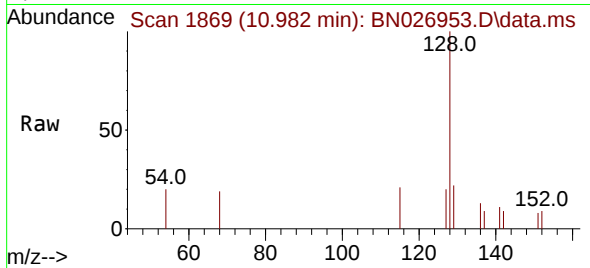
Quant Time: Aug 18 13:13:56 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 18 13:11:26 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.037 ng/ul
RT: 10.982 min Scan# 1869
Delta R.T. -0.000 min
Lab File: BN026953.D
Acq: 18 Aug 2023 10:38

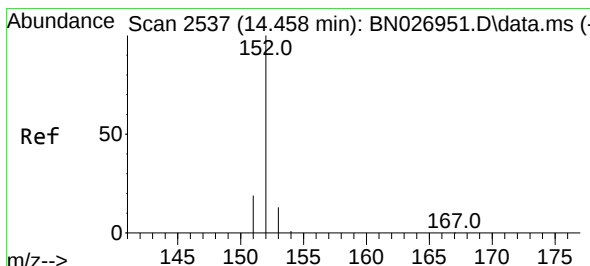
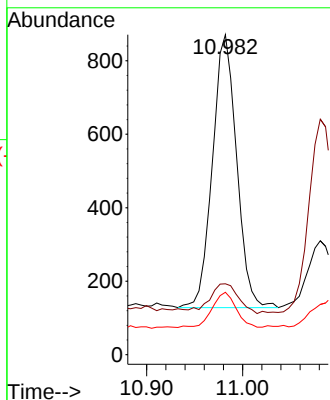
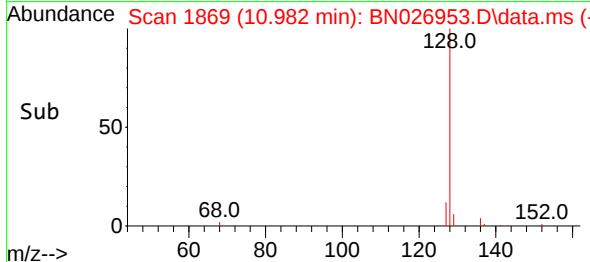
Instrument :
BNA_N
ClientSampleId :
A48H5



Tgt Ion:128 Resp: 1298
Ion Ratio Lower Upper
128 100
129 22.2 9.2 13.8#
127 19.5 10.5 15.7#

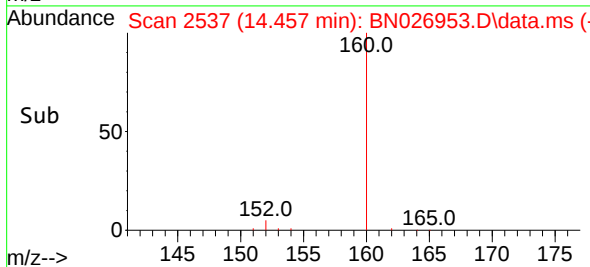
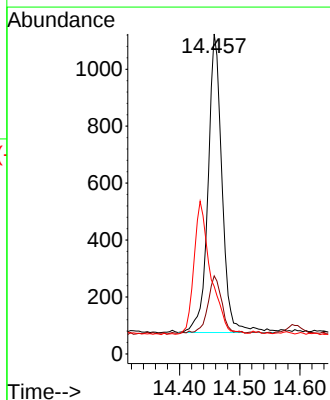
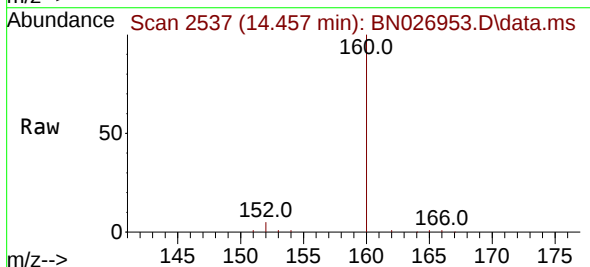
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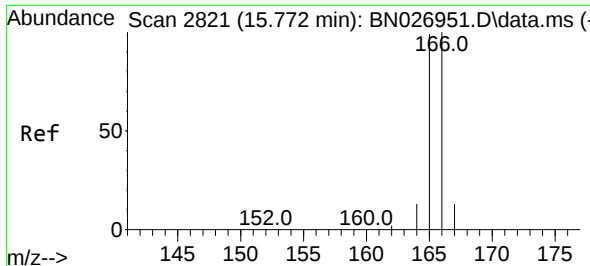
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#10
Acenaphthylene
Concen: 0.040 ng/ul
RT: 14.457 min Scan# 2537
Delta R.T. -0.000 min
Lab File: BN026953.D
Acq: 18 Aug 2023 10:38

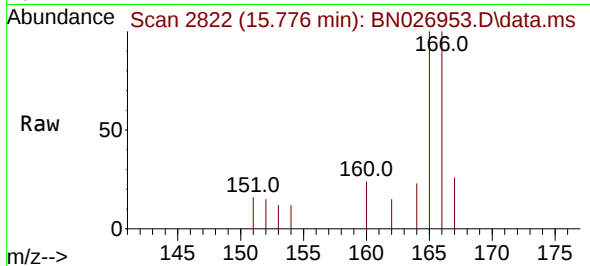
Tgt Ion:152 Resp: 1705
Ion Ratio Lower Upper
152 100
151 24.4 15.9 23.9#
153 21.1 11.0 16.6#





#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.776 min Scan# 2821
Delta R.T. 0.004 min
Lab File: BN026953.D
Acq: 18 Aug 2023 10:38

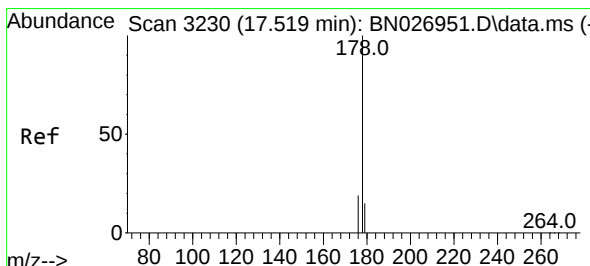
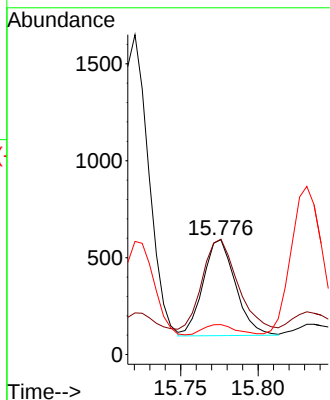
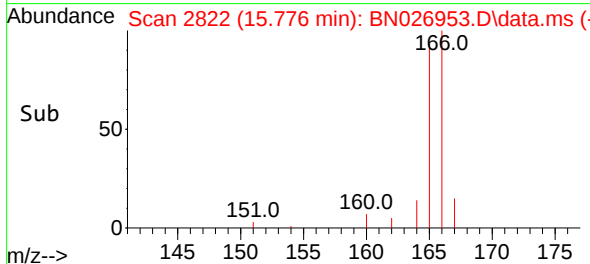
Instrument :
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ClientSampleId :
A48H5



Tgt Ion:166 Resp: 720
Ion Ratio Lower Upper
166 100
165 100.3 79.1 118.7
167 26.1 11.4 17.0

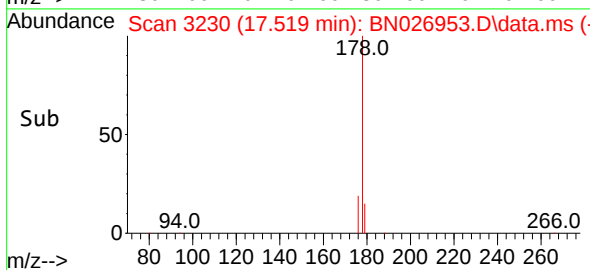
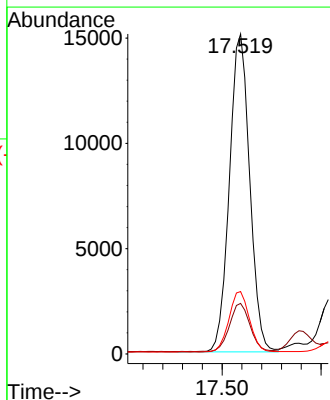
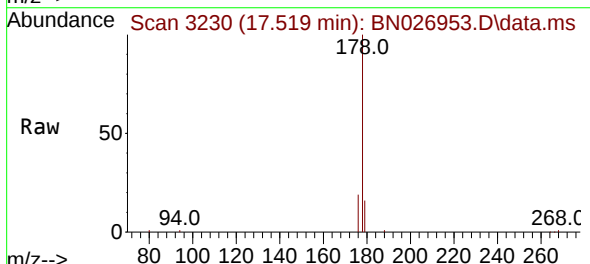
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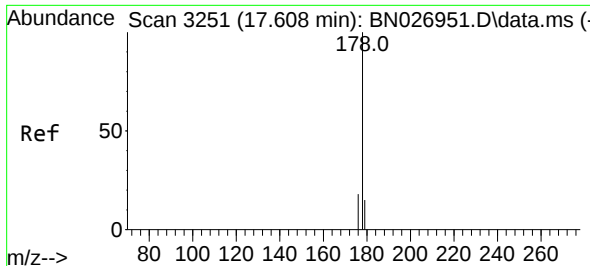
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#15
Phenanthrene
Concen: 0.373 ng/ul
RT: 17.519 min Scan# 3230
Delta R.T. -0.000 min
Lab File: BN026953.D
Acq: 18 Aug 2023 10:38

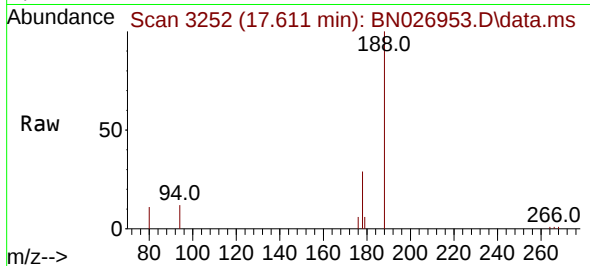
Tgt Ion:178 Resp: 21457
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 19.5 15.4 23.2





#16
 Anthracene
 Concen: 0.078 ng/ul
 RT: 17.611 min Scan# 31
 Delta R.T. 0.004 min
 Lab File: BN026953.D
 Acq: 18 Aug 2023 10:38

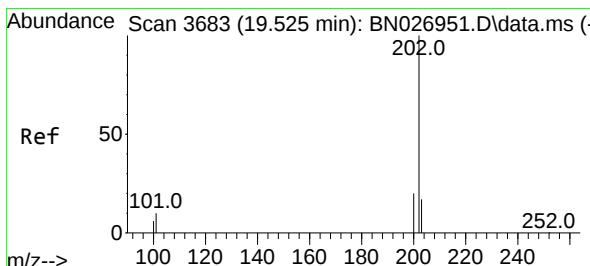
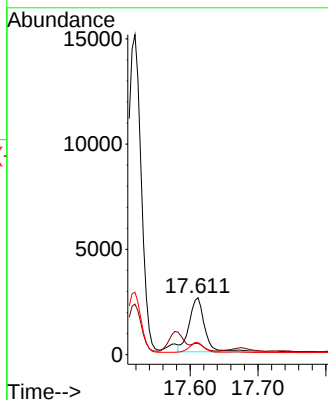
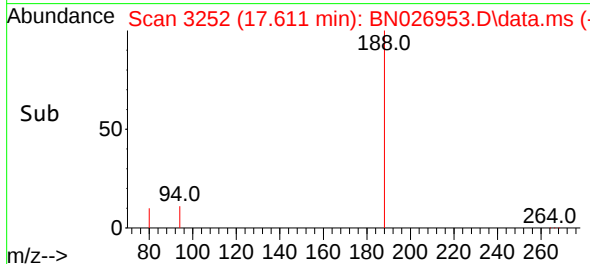
Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:178 Resp: 405
 Ion Ratio Lower Upper
 178 100
 179 20.0 12.6 19.0
 176 21.2 15.0 22.6

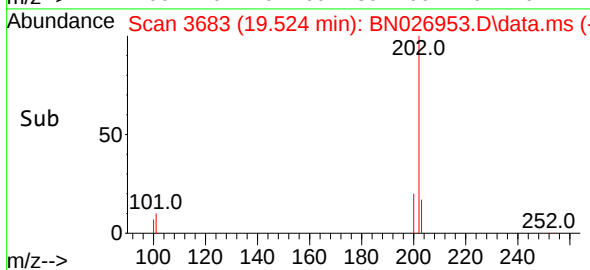
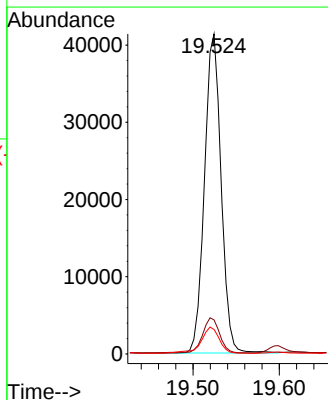
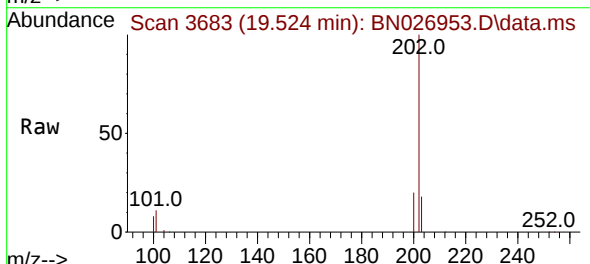
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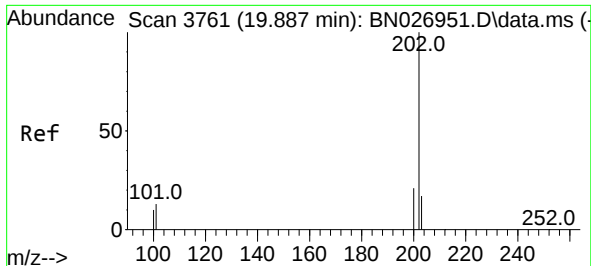
Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :mohammad ahmed 08/21/2023



#19
 Fluoranthene
 Concen: 0.901 ng/ul
 RT: 19.524 min Scan# 3683
 Delta R.T. -0.000 min
 Lab File: BN026953.D
 Acq: 18 Aug 2023 10:38

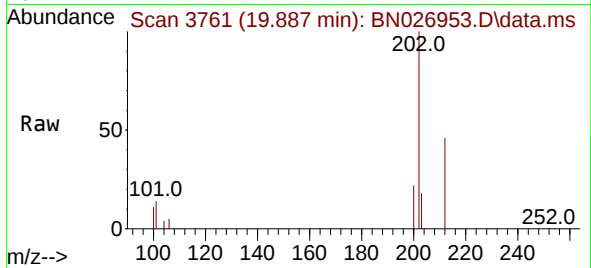
Tgt Ion:202 Resp: 55411
 Ion Ratio Lower Upper
 202 100
 101 10.6 8.3 12.5
 100 7.7 6.2 9.2





#20
Pyrene
Concen: 0.755 ng/ul m
RT: 19.887 min Scan# 3761
Delta R.T. -0.000 min
Lab File: BN026953.D
Acq: 18 Aug 2023 10:38

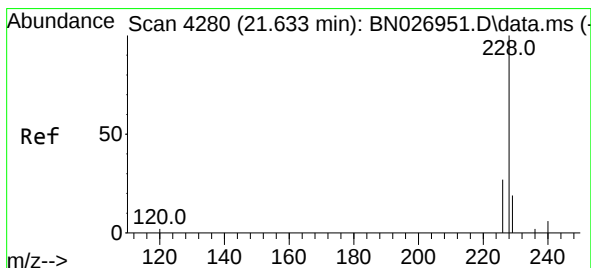
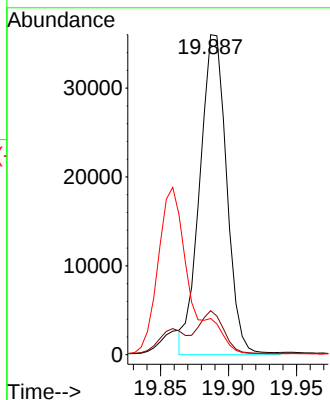
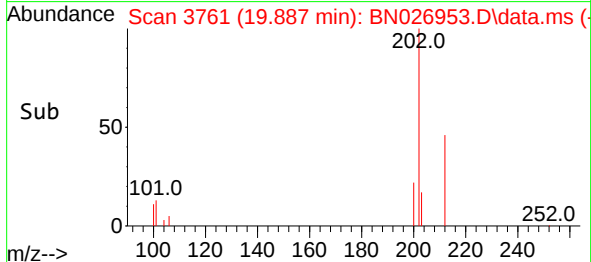
Instrument :
BNA_N
ClientSampleId :
A48H5



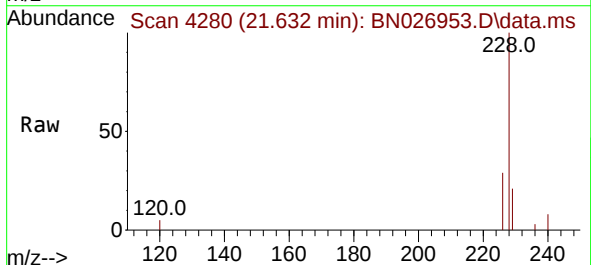
Tgt Ion:202 Resp: 49540
Ion Ratio Lower Upper
202 100
101 13.7 10.7 16.1
100 11.3 8.5 12.7

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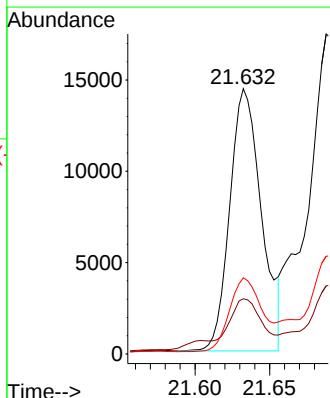
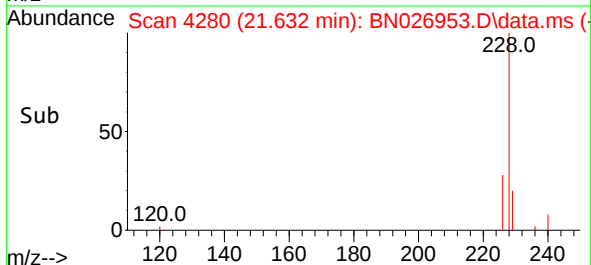
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

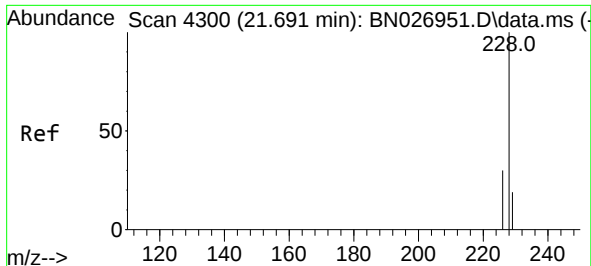


#21
Benzo(a)anthracene
Concen: 0.360 ng/ul
RT: 21.632 min Scan# 4280
Delta R.T. -0.000 min
Lab File: BN026953.D
Acq: 18 Aug 2023 10:38



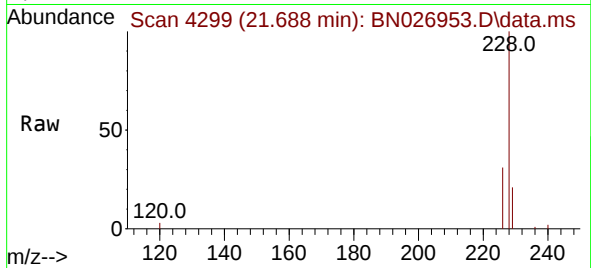
Tgt Ion:228 Resp: 21201
Ion Ratio Lower Upper
228 100
229 20.8 16.0 24.0
226 28.7 22.2 33.2





#22
Chrysene
Concen: 0.501 ng/ul
RT: 21.688 min Scan# 4299
Delta R.T. -0.003 min
Lab File: BN026953.D
Acq: 18 Aug 2023 10:38

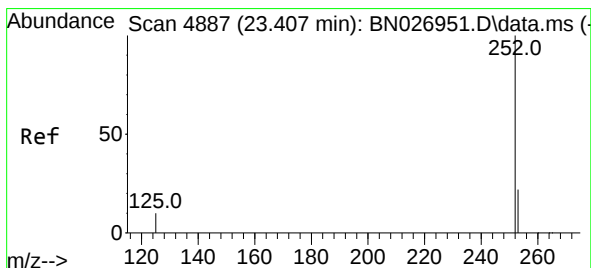
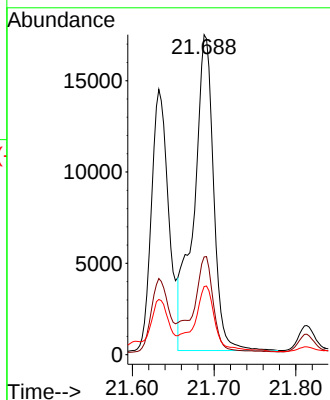
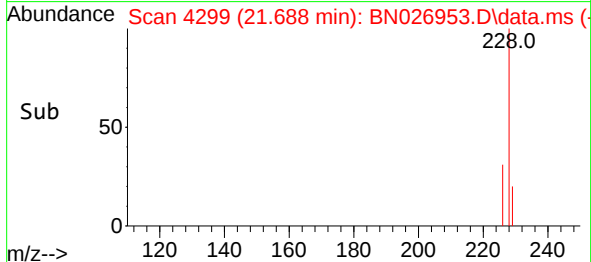
Instrument :
BNA_N
ClientSampleId :
A48H5



Tgt Ion:228 Resp: 29090
Ion Ratio Lower Upper
228 100
226 30.6 24.6 36.8
229 21.3 15.8 23.6

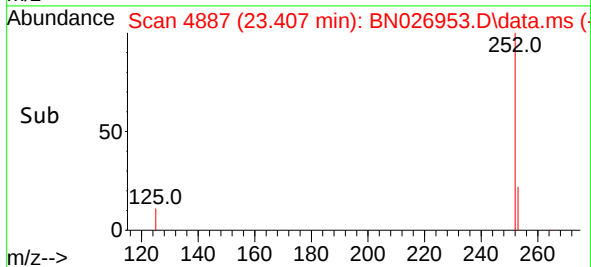
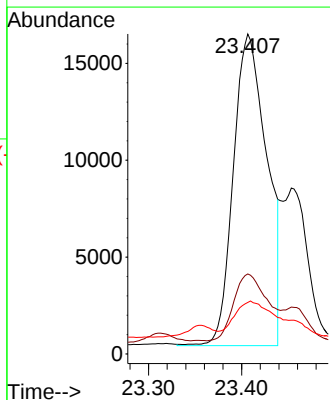
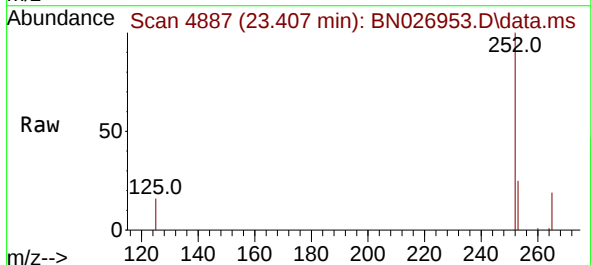
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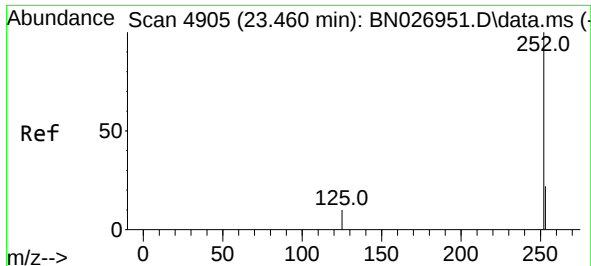
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#24
Benzo(b)fluoranthene
Concen: 0.663 ng/ul m
RT: 23.407 min Scan# 4887
Delta R.T. -0.000 min
Lab File: BN026953.D
Acq: 18 Aug 2023 10:38

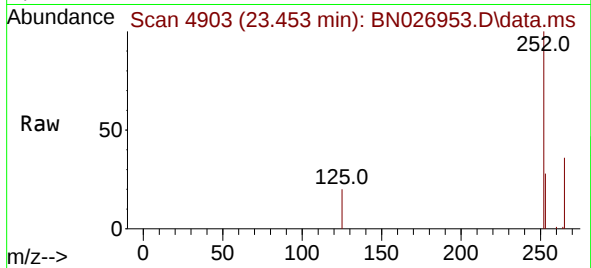
Tgt Ion:252 Resp: 40171
Ion Ratio Lower Upper
252 100
253 25.0 0.0 46.8
125 16.1 0.0 25.2





#25
Benzo(k)fluoranthene
Concen: 0.257 ng/ul m
RT: 23.453 min Scan# 4905
Delta R.T. -0.006 min
Lab File: BN026953.D
Acq: 18 Aug 2023 10:38

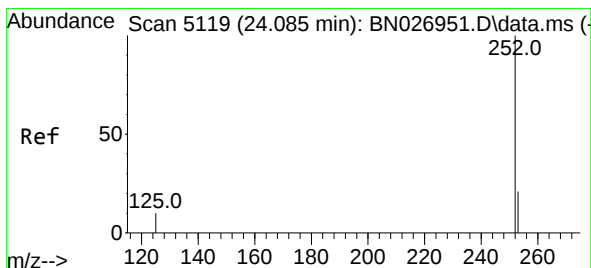
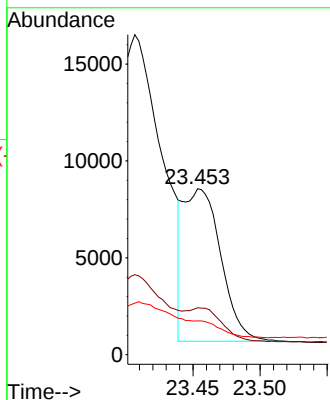
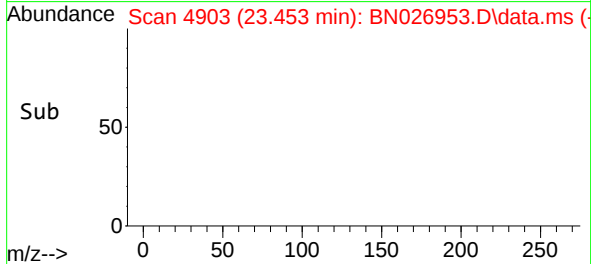
Instrument :
BNA_N
ClientSampleId :
A48H5



Tgt Ion:252 Resp: 15330
Ion Ratio Lower Upper
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253 28.3 18.2 27.4
125 20.3 9.9 14.9

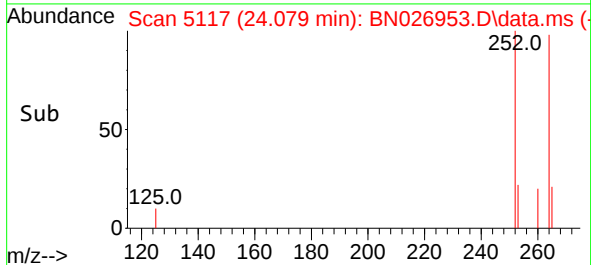
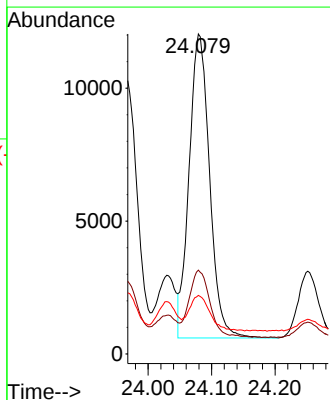
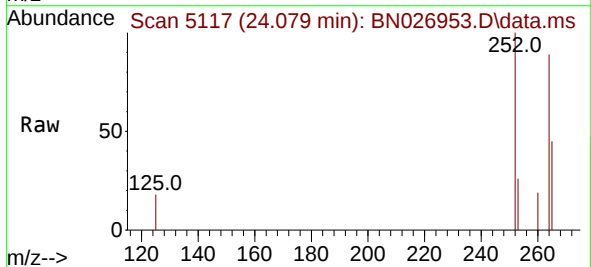
Manual Integrations
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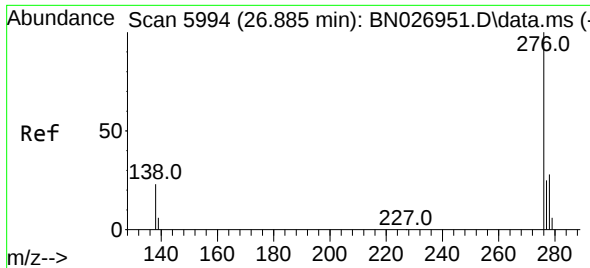
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#26
Benzo(a)pyrene
Concen: 0.468 ng/ul
RT: 24.079 min Scan# 5117
Delta R.T. -0.006 min
Lab File: BN026953.D
Acq: 18 Aug 2023 10:38

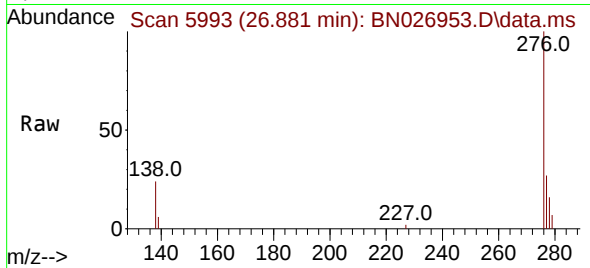
Tgt Ion:252 Resp: 25595
Ion Ratio Lower Upper
252 100
253 26.2 19.0 28.6
125 18.3 11.4 17.0





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.277 ng/ul
 RT: 26.881 min Scan# 5994
 Delta R.T. -0.004 min
 Lab File: BN026953.D
 Acq: 18 Aug 2023 10:38

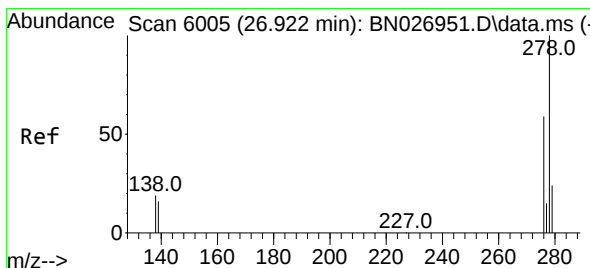
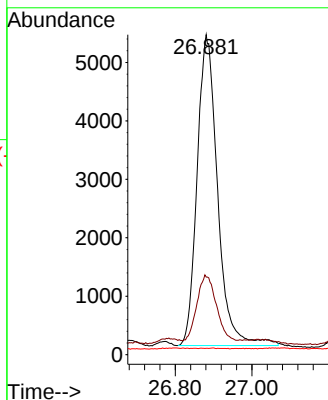
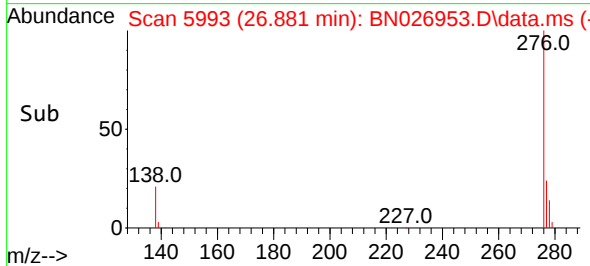
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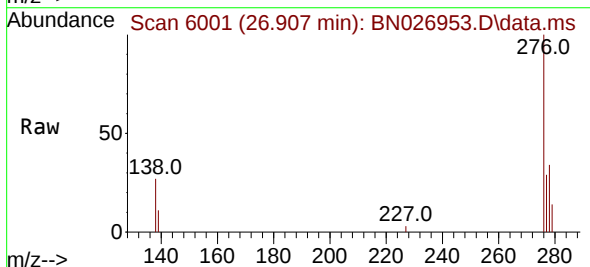
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 Ion Ratio Lower Upper
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 138 22.4 21.6 32.4
 227 0.1 0.0 0.0

Manual Integrations
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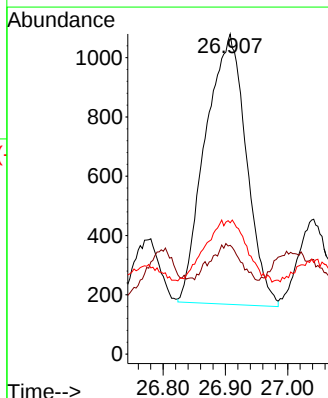
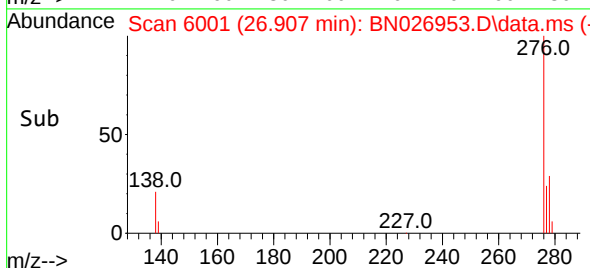
Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :mohammad ahmed 08/21/2023

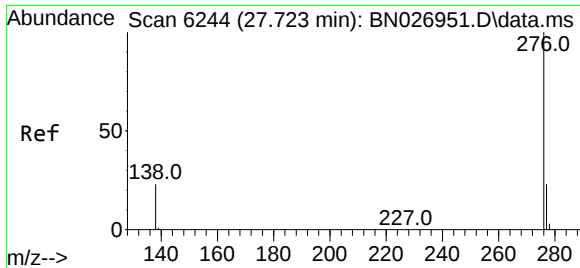


#28
 Dibenzo(a,h)anthracene
 Concen: 0.073 ng/ul
 RT: 26.907 min Scan# 6001
 Delta R.T. -0.014 min
 Lab File: BN026953.D
 Acq: 18 Aug 2023 10:38



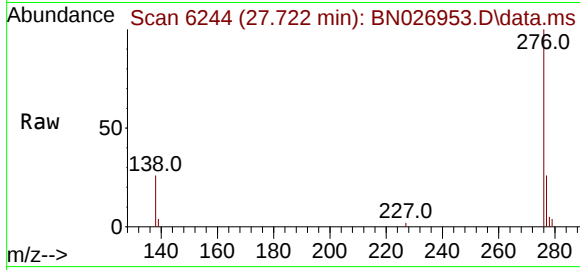
Tgt Ion: 278 Resp: 4150
 Ion Ratio Lower Upper
 278 100
 139 34.0 15.7 23.5#
 279 41.0 20.2 30.4#





#29
 Benzo(g,h,i)perylene
 Concen: 0.334 ng/ul
 RT: 27.722 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN026953.D
 Acq: 18 Aug 2023 10:38

Instrument :
 BNA_N
 ClientSampleId :
 A48H5



Tgt Ion:	276	Resp:	1988
Ion Ratio	Lower	Upper	
276	100		
138	25.9	19.3	28.9
277	26.2	19.8	29.8

Manual Integrations
 APPROVED

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