Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
Data File : BN019956.D
Acq On : 25 May 2022 17:56
Operator : CG/JU
Sample : N2883-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW4K6

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022

Quant Time: May 26 01:15:48 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 23 14:58:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.850	152	4639	0.400	ng/ul	0.00
4) Naphthalene-d8	10.638	136	15800	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.473	164	10106	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.211	188	19327	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.403	240	12791	0.400	ng/ul	# 0.00
23) Perylene-d12	23.744	264	11254	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	15040	3.477	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.227	152	5220	0.202	ng/ul	0.00
18) Fluoranthene-d10	19.242	212	11146	0.244	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.687	128	1633	0.033	ng/ul#	84
7) 2-Methylnaphthalene	12.299	142	2990	0.091	ng/ul#	100
8) 1-Methylnaphthalene	12.519	142	2206	0.072	ng/ul#	100
11) Acenaphthene	14.533	153	1108	0.028	ng/ul#	74
12) Fluorene	15.518	166	2740	0.063	ng/ul#	54
15) Phenanthrene	17.254	178	27904	0.411	ng/ul#	87
19) Fluoranthene	19.270	202	10649	0.167	ng/ul#	84
20) Pyrene	19.637	202	18068	0.279	ng/ul#	91
21) Benzo(a)anthracene	21.385	228	5490	0.105	ng/ul#	20
22) Chrysene	21.438	228	13401	0.254	ng/ul#	49
24) Benzo(b)fluoranthene	23.036	252	6165m	0.124	ng/ul	
26) Benzo(a)pyrene	23.639	252	3525	0.075	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.144	276	2241	0.045	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.158	278	1086	0.027	ng/ul#	1
29) Benzo(g,h,i)perylene	26.889	276	2673	0.063	ng/ul#	23

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
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Acq On : 25 May 2022 17:56
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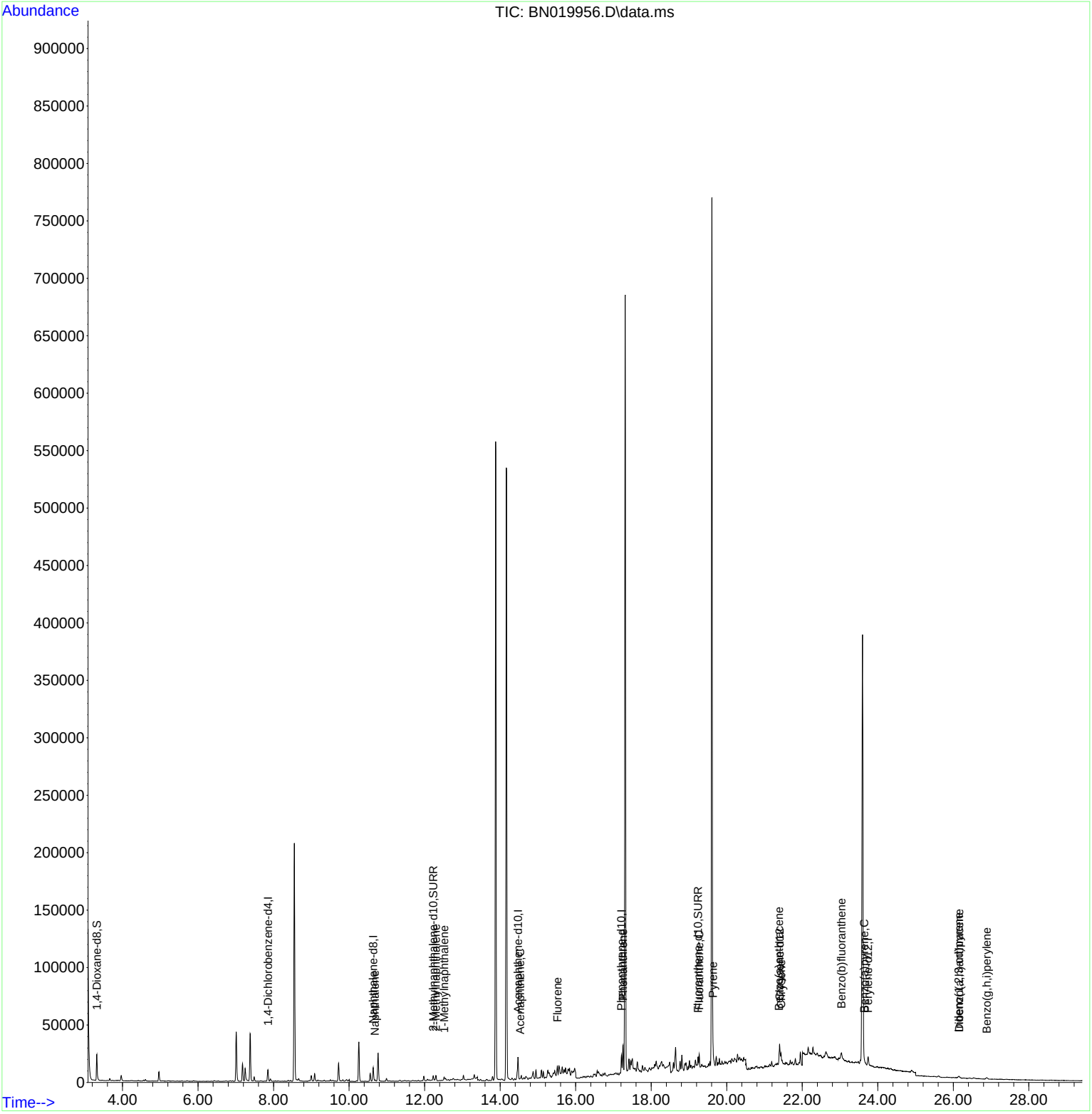

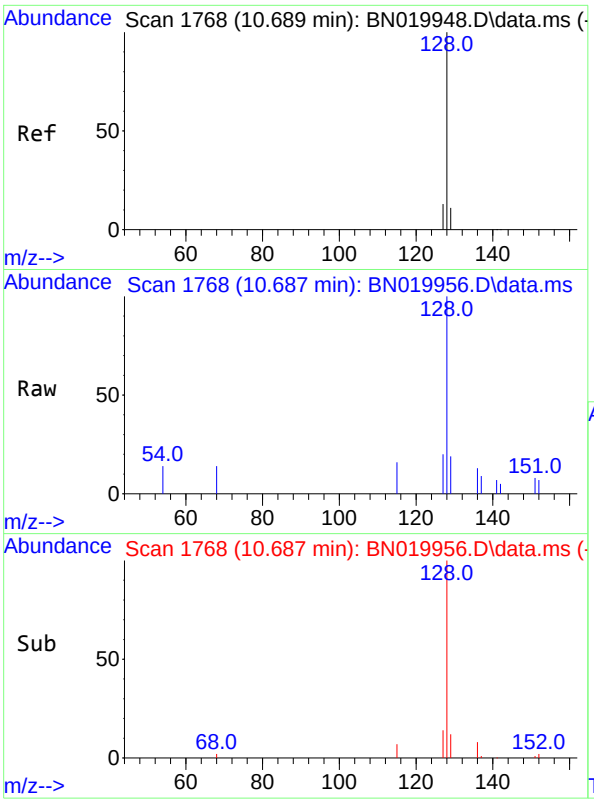

#5
Naphthalene
Concen: 0.033 ng/ul
RT: 10.687 min Scan# 1
Delta R.T. -0.006 min
Lab File: BN019956.D
Acq: 25 May 2022 17:56

Tgt Ion:128 Resp: 163

Ion	Ratio	Lower	Upper
128	100		
129	18.9	9.5	14.3#
127	19.7	11.0	16.4#

Instrument :
BNA_N
ClientSampleId :
EW4K6

Manual Integrations
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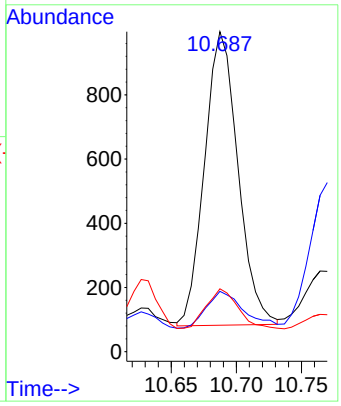
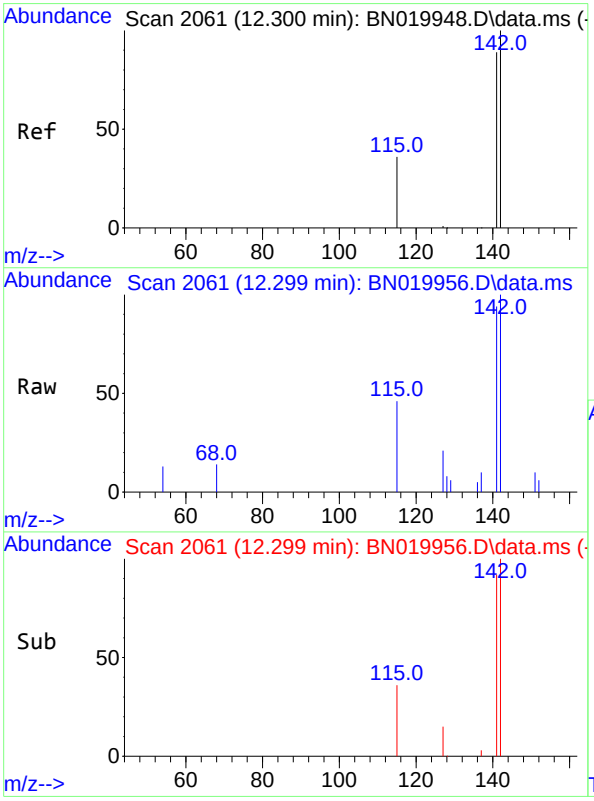
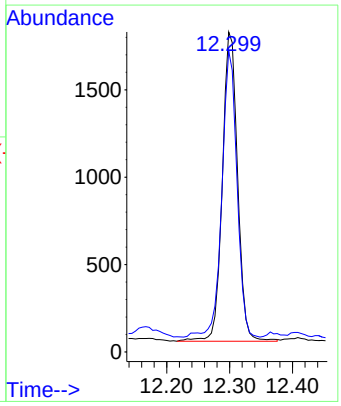


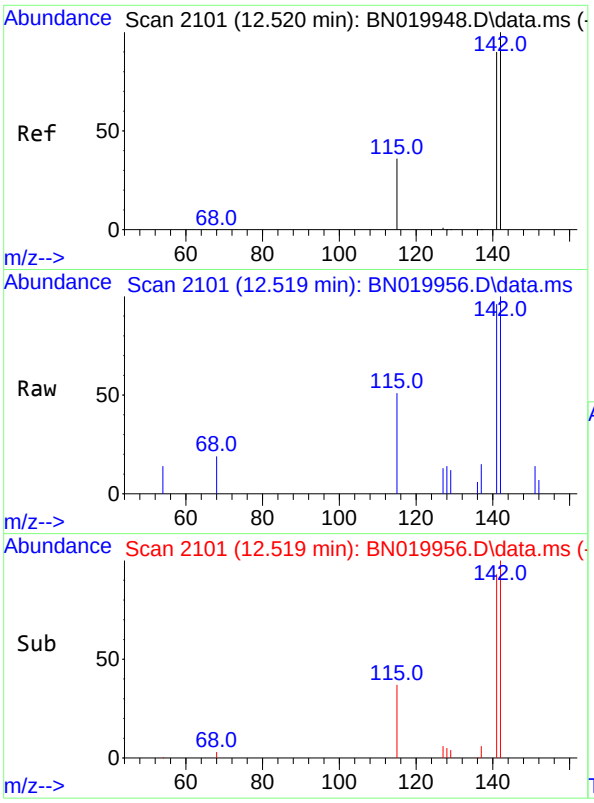


#7
2-Methylnaphthalene
Concen: 0.091 ng/ul
RT: 12.299 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BN019956.D
Acq: 25 May 2022 17:56

Tgt Ion:142 Resp: 2990

Ion	Ratio	Lower	Upper
142	100		
141	91.3	0.0	0.0#





#8
1-Methylnaphthalene
Concen: 0.072 ng/ul
RT: 12.519 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN019956.D
Acq: 25 May 2022 17:56

Tgt Ion:142 Resp: 220

Ion	Ratio	Lower	Upper
142	100		
141	102.6	0.0	0.0#

Instrument :
BNA_N
ClientSampleId :
EW4K6

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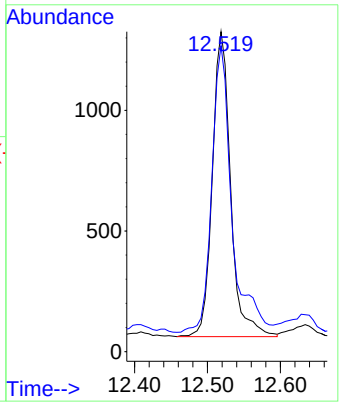
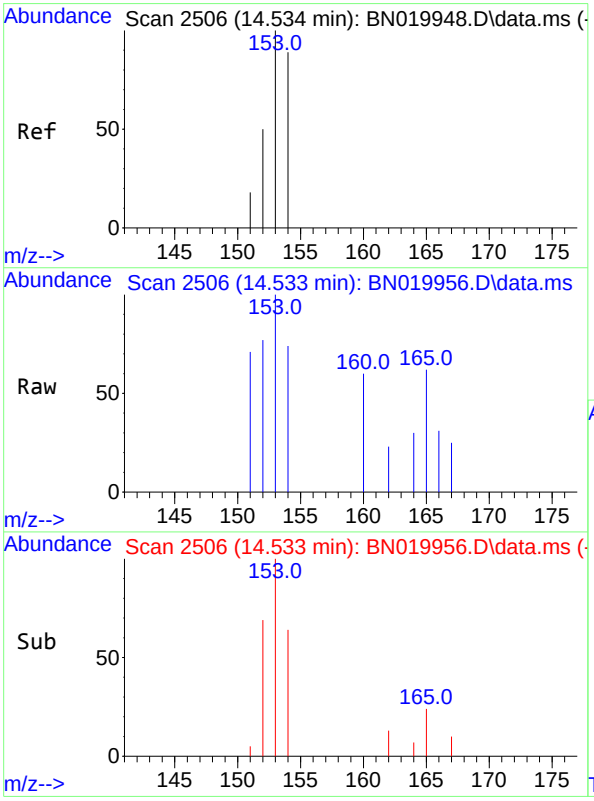
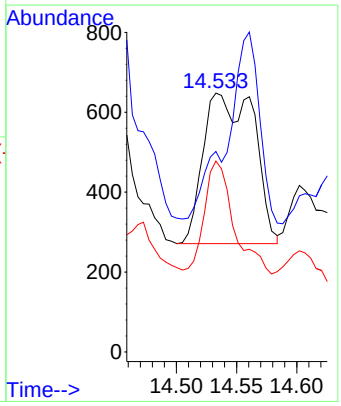


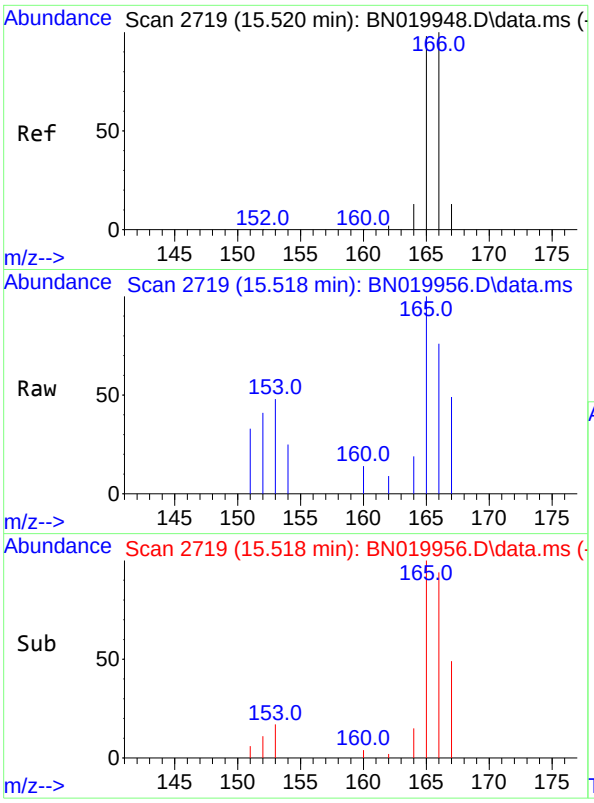


#11
Acenaphthene
Concen: 0.028 ng/ul
RT: 14.533 min Scan# 2506
Delta R.T. -0.005 min
Lab File: BN019956.D
Acq: 25 May 2022 17:56

Tgt Ion:153 Resp: 1108

Ion	Ratio	Lower	Upper
153	100		
152	77.5	38.6	57.8#
154	73.8	71.2	106.8

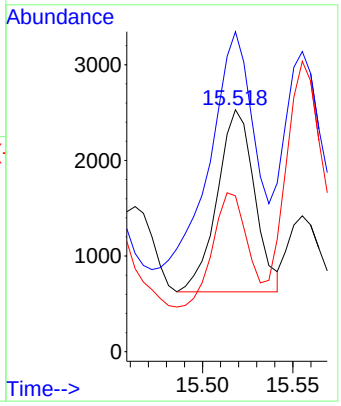




#12
Fluorene
Concen: 0.063 ng/ul
RT: 15.518 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN019956.D
Acq: 25 May 2022 17:56

Tgt Ion:166 Resp: 274

Ion	Ratio	Lower	Upper
166	100		
165	132.3	78.2	117.2#
167	64.5	11.3	16.9#



Instrument :
BNA_N
ClientSampleId :
EW4K6

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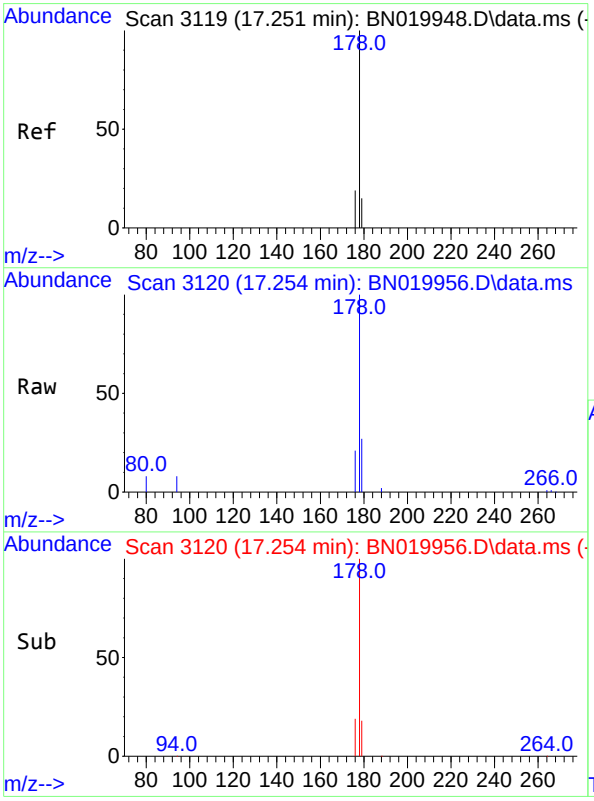
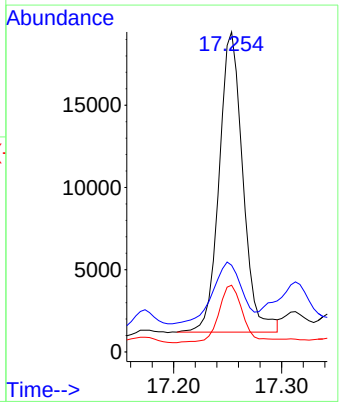
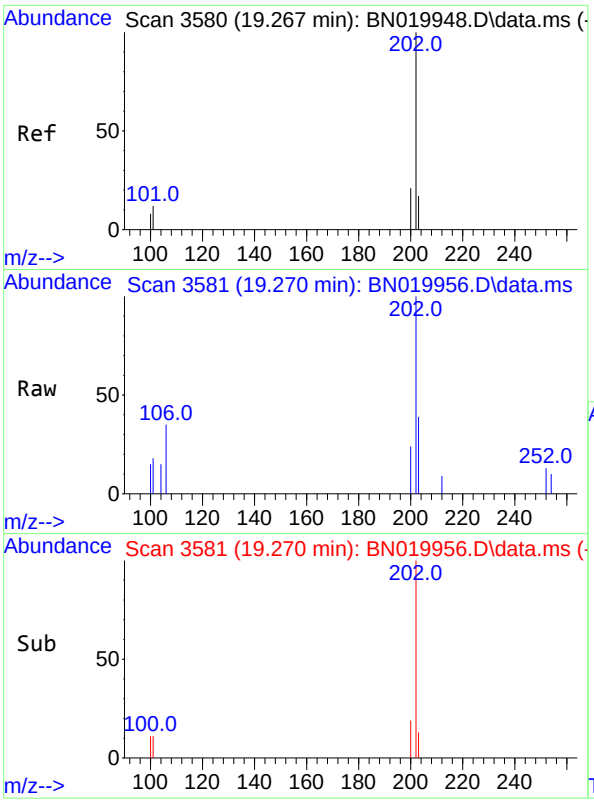


#15
Phenanthrene
Concen: 0.411 ng/ul
RT: 17.254 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BN019956.D
Acq: 25 May 2022 17:56

Tgt Ion:178 Resp: 27904

Ion	Ratio	Lower	Upper
178	100		
179	27.1	12.9	19.3#
176	20.8	15.5	23.3





#19
Fluoranthene
Concen: 0.167 ng/ul
RT: 19.270 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN019956.D
Acq: 25 May 2022 17:56

Tgt Ion:202 Resp: 1064

Ion	Ratio	Lower	Upper
202	100		
101	18.3	9.7	14.5#
100	15.5	7.4	11.2#

Instrument :
BNA_N
ClientSampleId :
EW4K6

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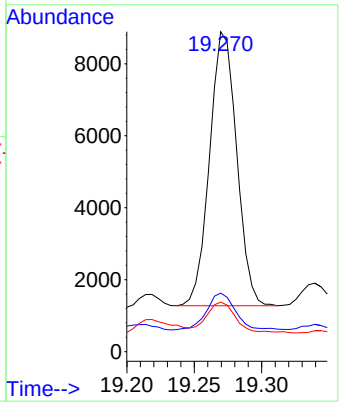
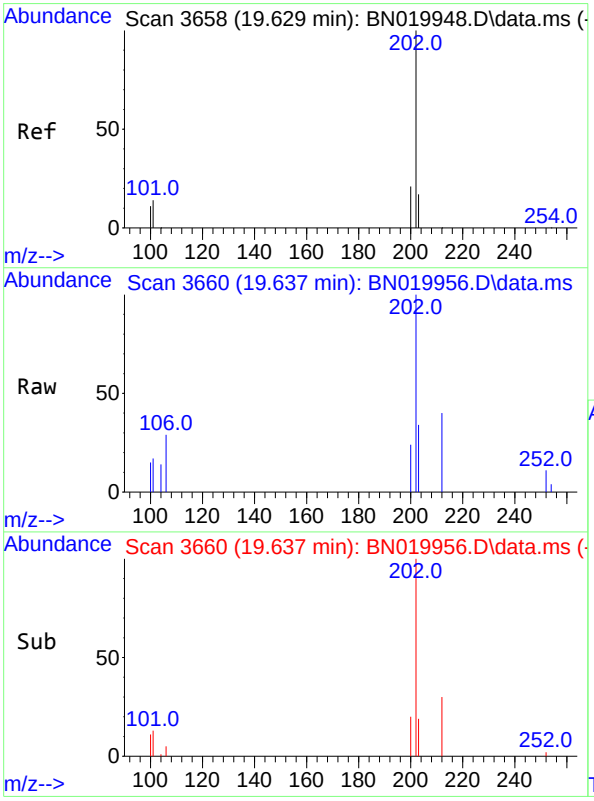
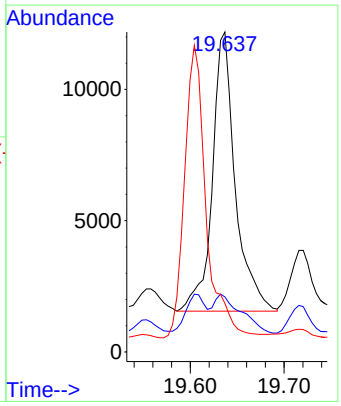


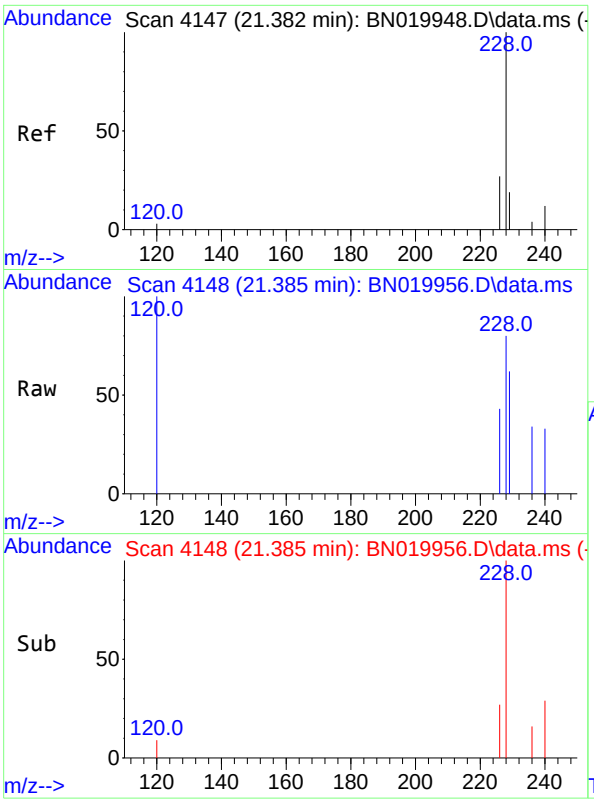


#20
Pyrene
Concen: 0.279 ng/ul
RT: 19.637 min Scan# 3660
Delta R.T. -0.000 min
Lab File: BN019956.D
Acq: 25 May 2022 17:56

Tgt Ion:202 Resp: 18068

Ion	Ratio	Lower	Upper
202	100		
101	17.2	11.4	17.0#
100	15.2	9.0	13.4#





#21
Benzo(a)anthracene
Concen: 0.105 ng/ul
RT: 21.385 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN019956.D
Acq: 25 May 2022 17:56

Tgt Ion:228 Resp: 549

Ion	Ratio	Lower	Upper
228	100		
229	77.0	16.1	24.1#
226	53.1	22.1	33.1#

Instrument :
BNA_N
ClientSampleId :
EW4K6

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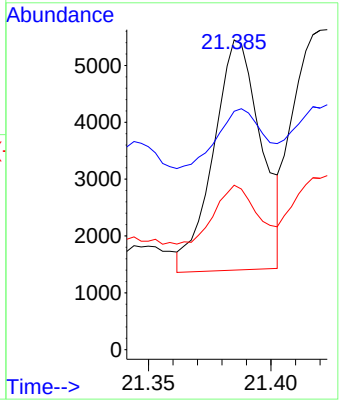
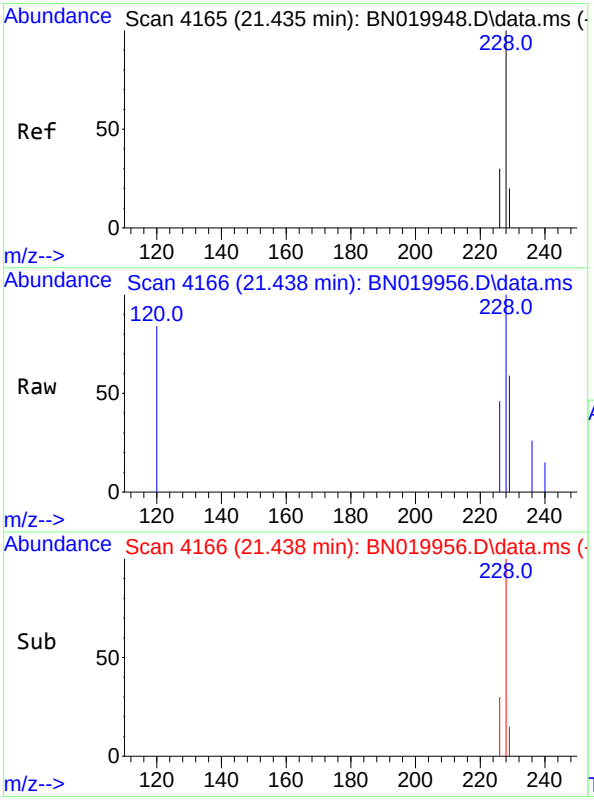
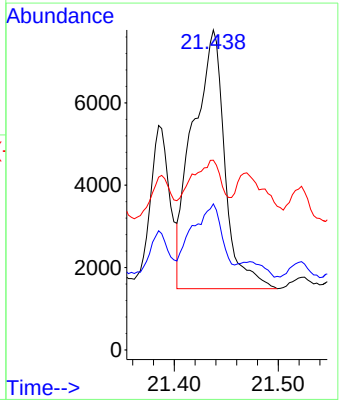


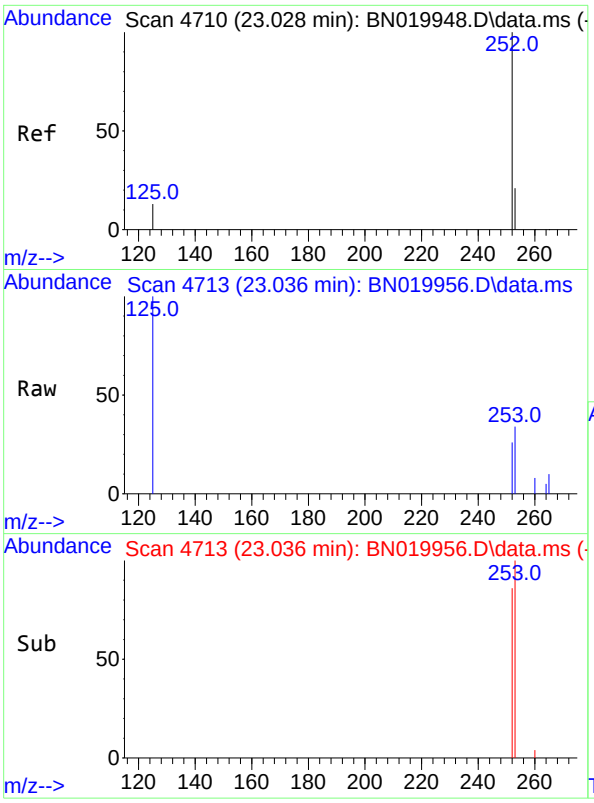


#22
Chrysene
Concen: 0.254 ng/ul
RT: 21.438 min Scan# 4166
Delta R.T. -0.000 min
Lab File: BN019956.D
Acq: 25 May 2022 17:56

Tgt Ion:228 Resp: 13401

Ion	Ratio	Lower	Upper
228	100		
226	45.7	24.2	36.2#
229	59.3	16.0	24.0#





#24
Benzo(b)fluoranthene
Concen: 0.124 ng/ul m
RT: 23.036 min Scan# 4
Delta R.T. 0.006 min
Lab File: BN019956.D
Acq: 25 May 2022 17:56

Tgt Ion:252 Resp: 616

Ion	Ratio	Lower	Upper
252	100		
253	132.3	0.0	52.0#
125	391.2	0.0	40.2#

Instrument :
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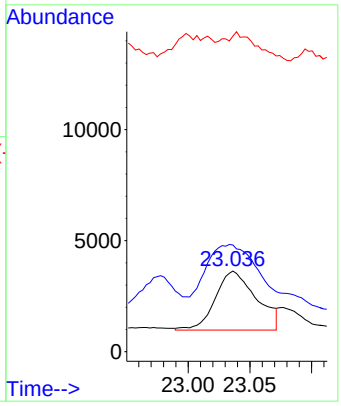
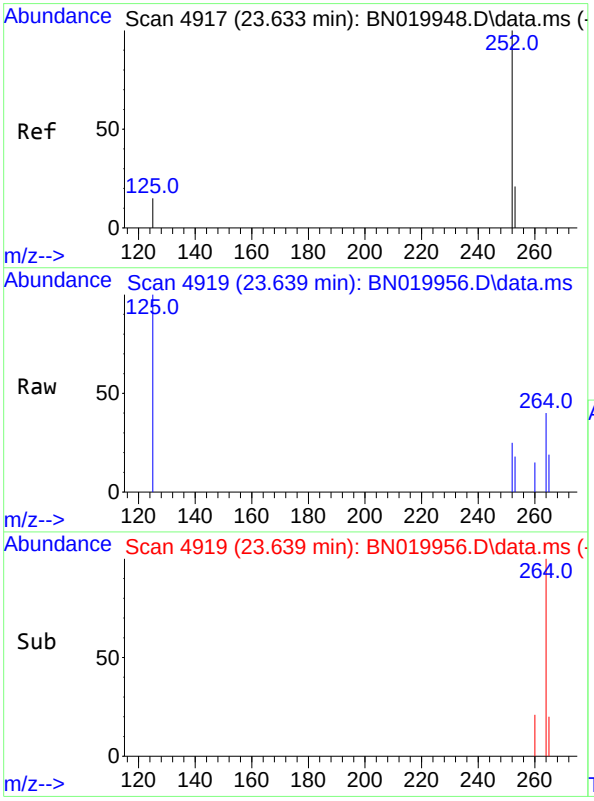
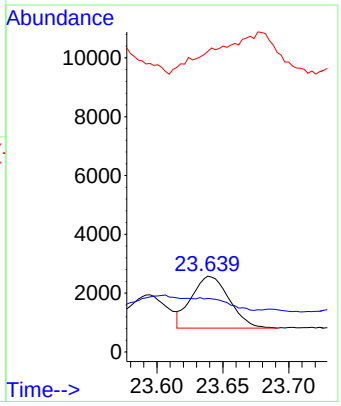


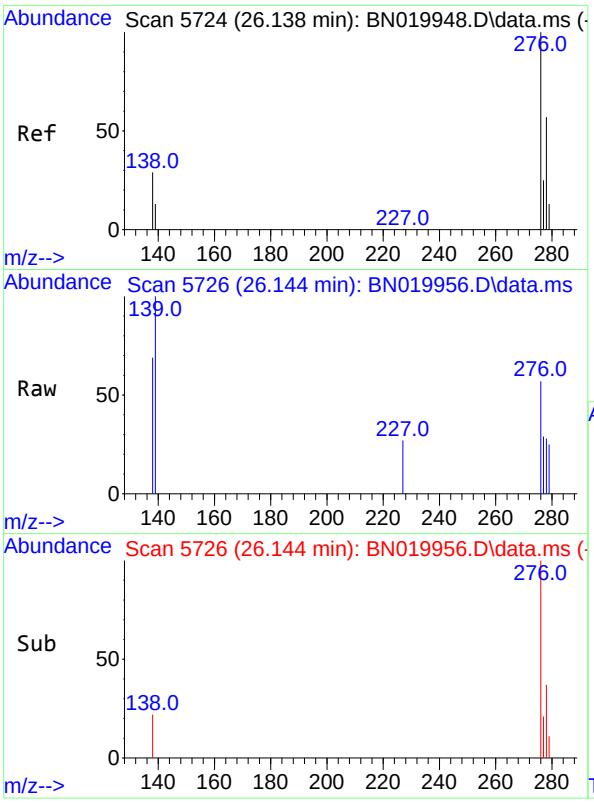


#26
Benzo(a)pyrene
Concen: 0.075 ng/ul
RT: 23.639 min Scan# 4919
Delta R.T. -0.000 min
Lab File: BN019956.D
Acq: 25 May 2022 17:56

Tgt Ion:252 Resp: 3525

Ion	Ratio	Lower	Upper
252	100		
253	70.7	23.4	35.0#
125	396.4	28.3	42.5#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.045 ng/ul
RT: 26.144 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN019956.D
Acq: 25 May 2022 17:56

Tgt Ion:276 Resp: 224

Ion	Ratio	Lower	Upper
276	100		
138	36.0	23.6	35.4#
227	1.9	0.0	0.0#

Instrument :
BNA_N
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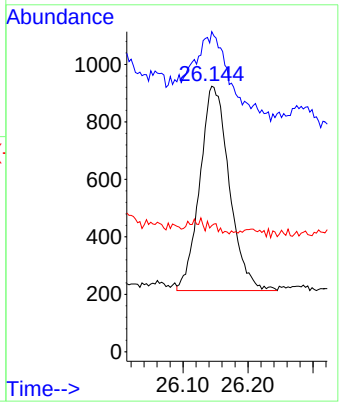
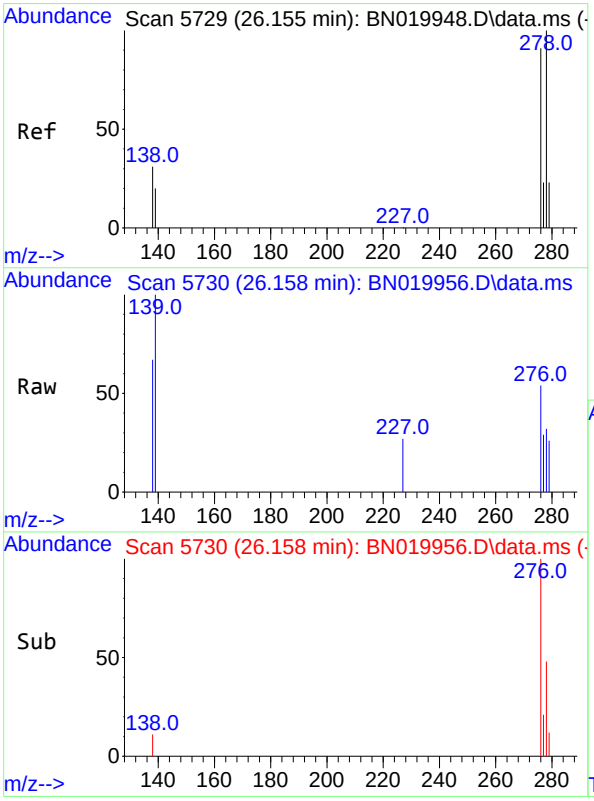
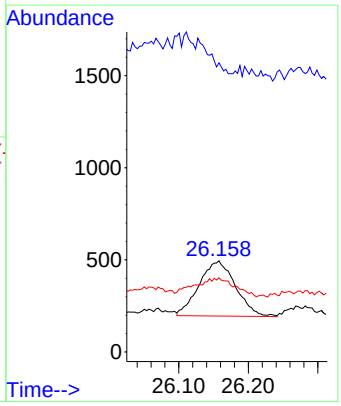


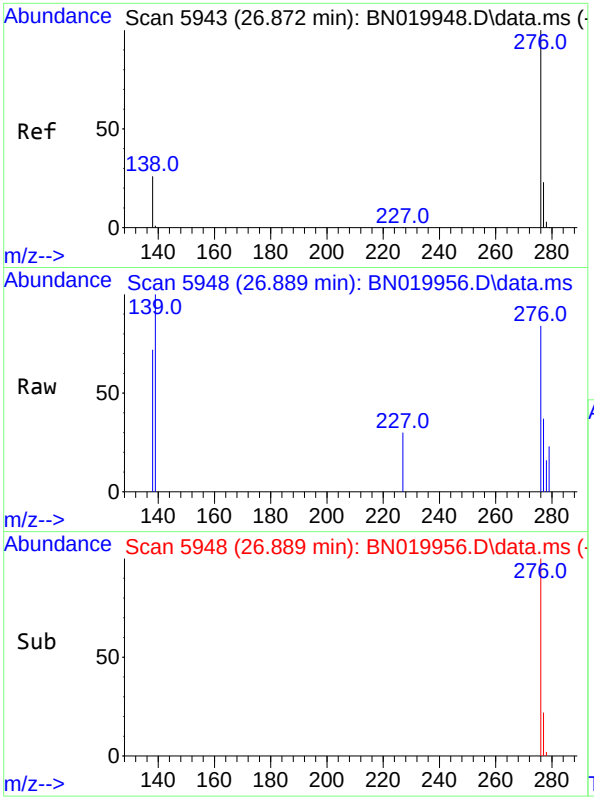


#28
Dibenzo(a,h)anthracene
Concen: 0.027 ng/ul
RT: 26.158 min Scan# 5730
Delta R.T. -0.007 min
Lab File: BN019956.D
Acq: 25 May 2022 17:56

Tgt Ion:278 Resp: 1086

Ion	Ratio	Lower	Upper
278	100		
139	317.0	18.6	28.0#
279	81.4	35.1	52.7#

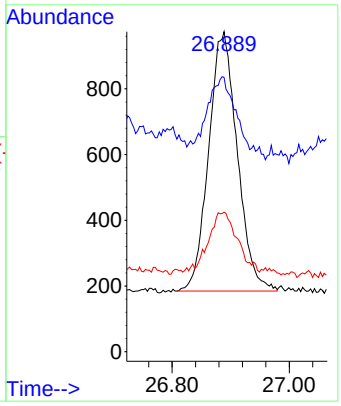




#29
Benzo(g,h,i)perylene
Concen: 0.063 ng/ul
RT: 26.889 min Scan# 5
Delta R.T. 0.003 min
Lab File: BN019956.D
Acq: 25 May 2022 17:56

Tgt Ion:276 Resp: 267

Ion	Ratio	Lower	Upper
276	100		
138	85.7	20.9	31.3#
277	43.6	20.4	30.6#



Instrument :
BNA_N
ClientSampleId :
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