

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
 Data File : BM025781.D
 Acq On : 25 Mar 2020 23:06
 Operator : CG/JU
 Sample : L1941-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0DB6

Manual Integrations
 APPROVED

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 3/27/2020 8:15:16 AM

Quant Time: Mar 26 10:19:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 24 00:45:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	217397	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	807906	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.20	164	496364	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.95	188	1044470	20.00	ng/ul	-0.01
78) Chrysene-d12	21.14	240	1157098	20.00	ng/ul	-0.01
86) Perylene-d12	23.29	264	1302367	20.00	ng/ul	-0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	7005	1.35	ng/uL	0.00
5) Phenol-d5	6.75	99	107174	6.25	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.92	67	289845	29.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	348718	25.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	207316	14.71	ng/ul	-0.01
19) Nitrobenzene-d5	8.71	128	218051	36.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	240420	37.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	411010	31.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	19415	1.28	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	1384166	36.69	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	1724077	38.15	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.41	143	40180	5.59	ng/ul	-0.01
58) Fluorene-d10	15.20	176	1253439	37.85	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.33	200	195406	30.66	ng/ul	-0.01
71) Anthracene-d10	17.05	188	1939286	39.75	ng/ul	0.00
79) Pyrene-d10	19.35	212	2112764	38.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	2618703	39.27	ng/ul	-0.01

Target Compounds					Ovalue	
28) Naphthalene	10.40	128	82088	1.866	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.39	216	2120609m	135.079	ng/ul	
45) Dimethylphthalate	13.67	163	84421	2.150	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.02	216	12145322	758.857	ng/uL	96
74) Pentachlorobenzene	14.53	250	461586	25.909	ng/uL	99

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

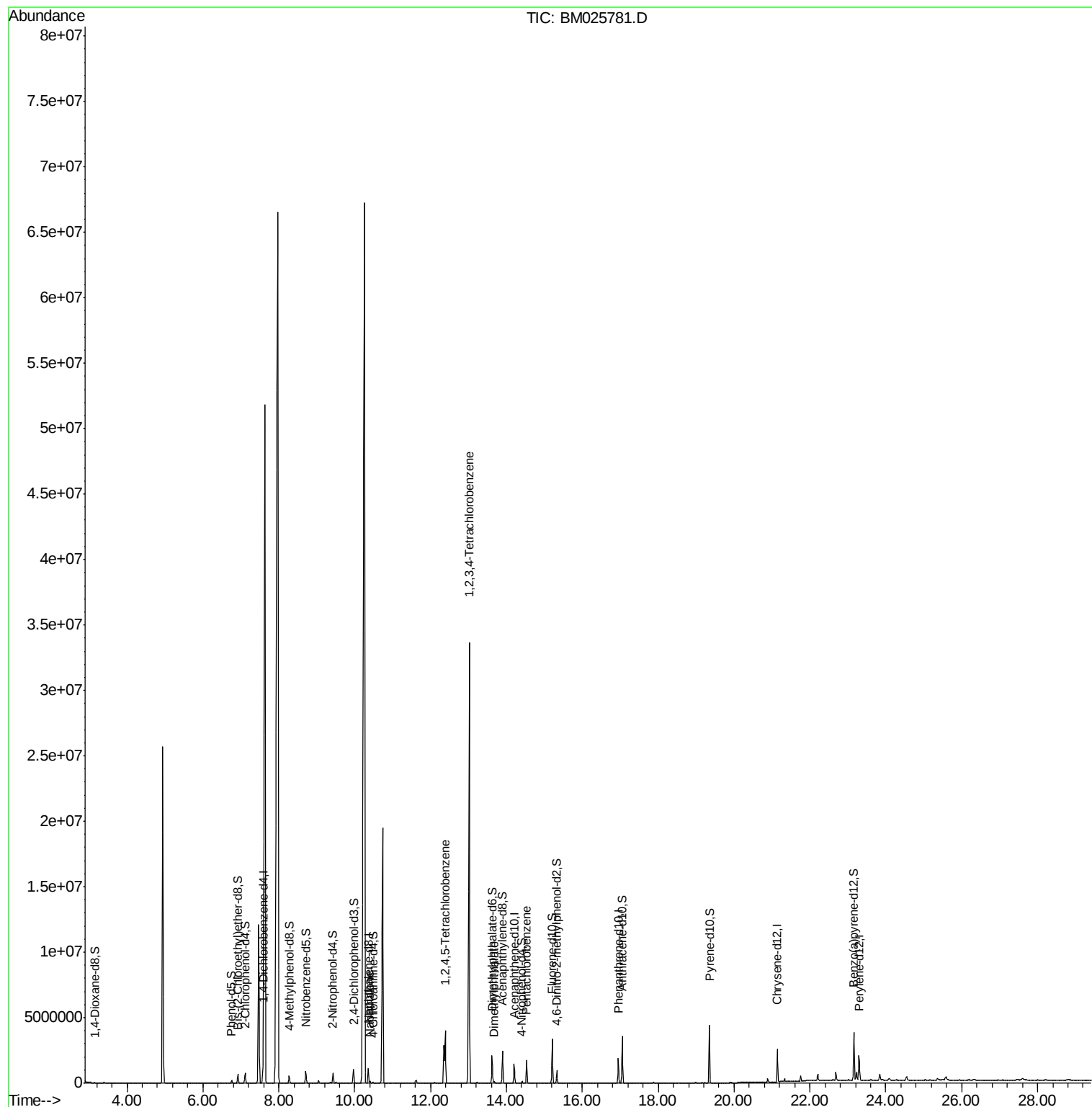
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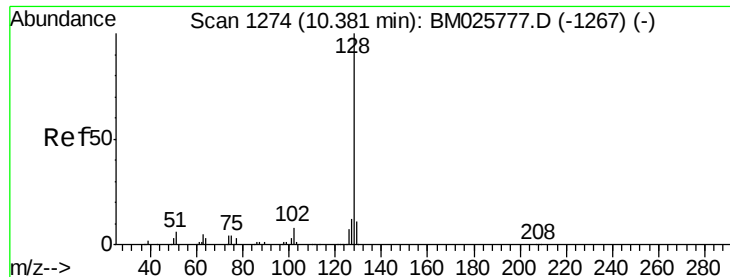
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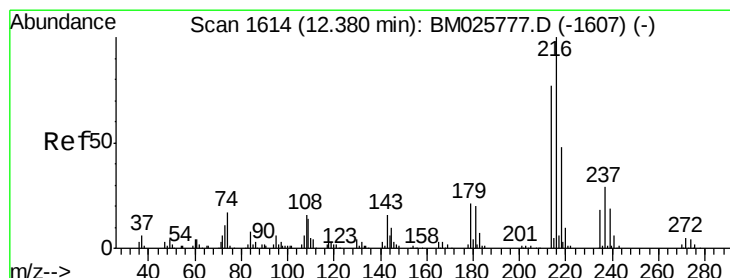
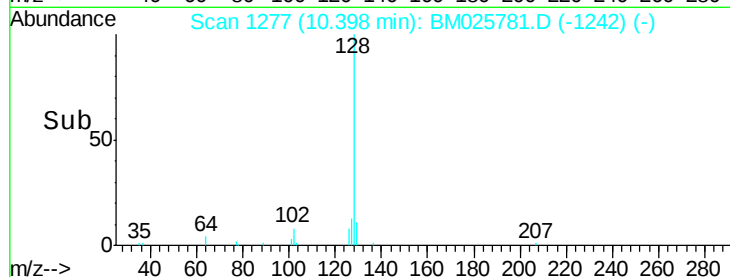
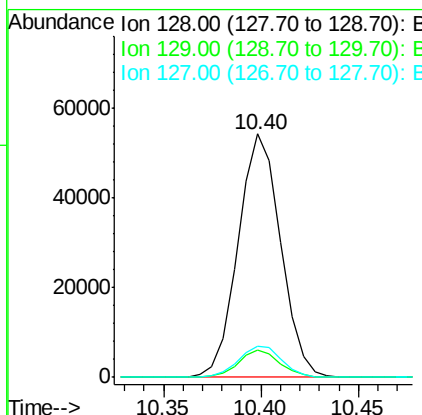
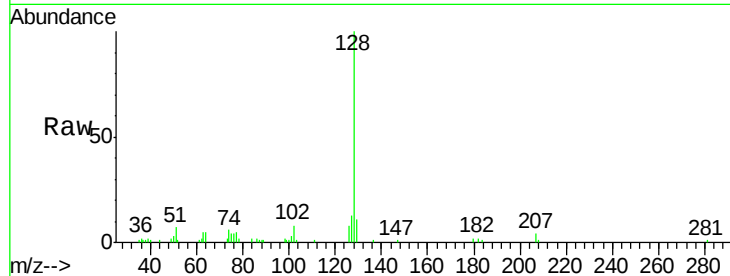
#28
Naphthalene
Concen: 1.866 ng/ul
RT: 10.40 min Scan# 1277
Delta R.T. 0.01 min
Lab File: BM025781.D
Acq: 25 Mar 2020 23:06

Instrument :
BNA_M
ClientSampleId :
C0DB6

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	12.7	10.6	15.8

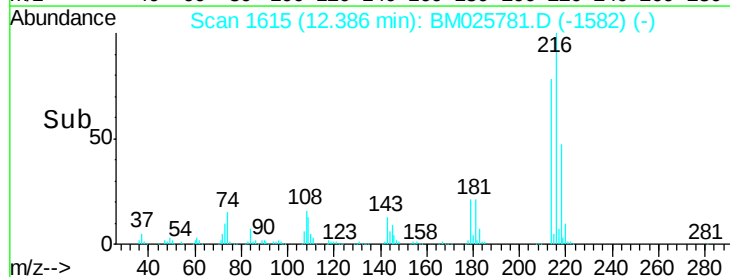
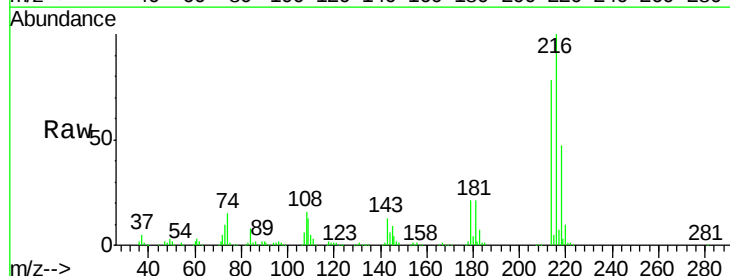
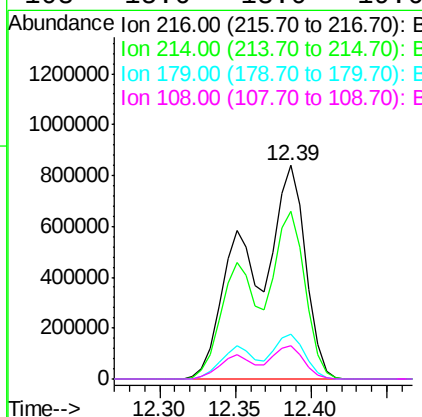
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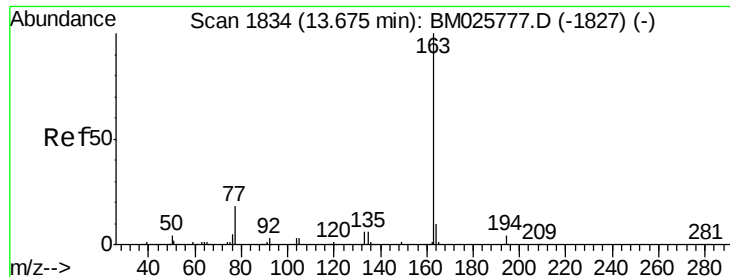
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#37
1,2,4,5-Tetrachlorobenzene
Concen: 135.079 ng/ul m
RT: 12.39 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BM025781.D
Acq: 25 Mar 2020 23:06

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	61.9	92.9
179	21.0	16.6	24.8
108	15.6	13.0	19.6





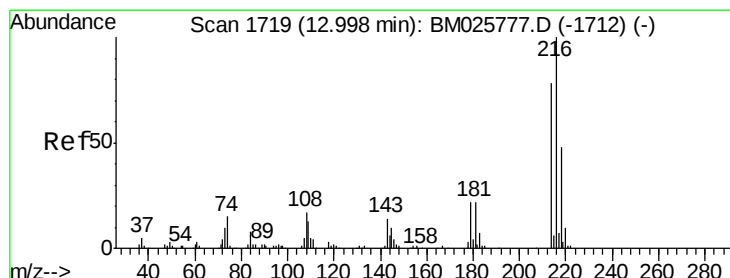
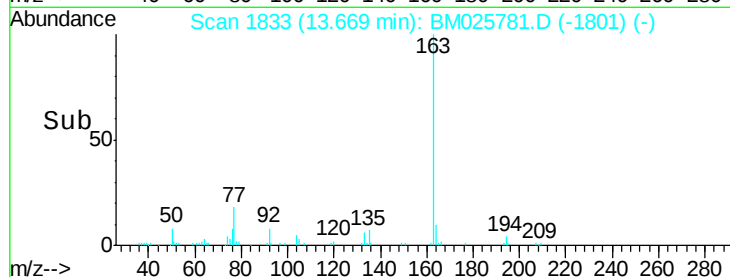
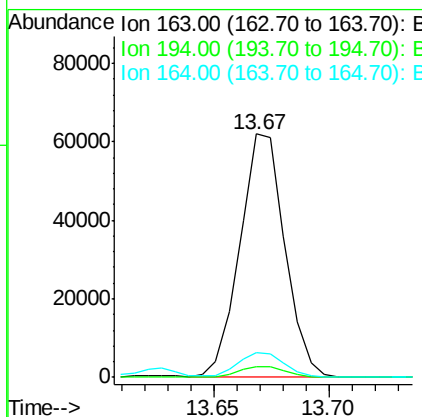
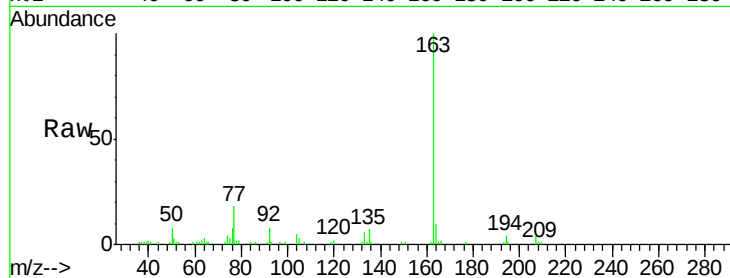
#45
Dimethylphthalate
Concen: 2.150 ng/ul
RT: 13.67 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BM025781.D
Acq: 25 Mar 2020 23:06

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.3	8.2	12.4

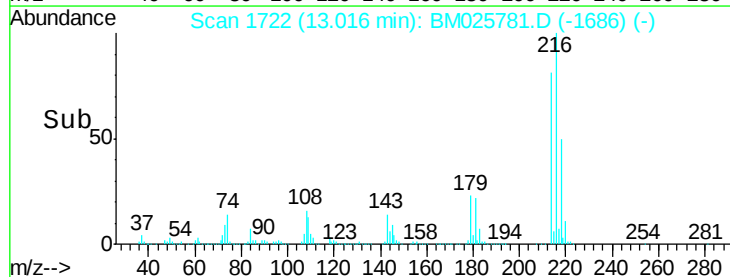
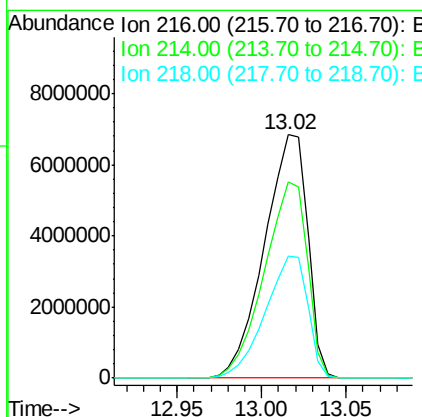
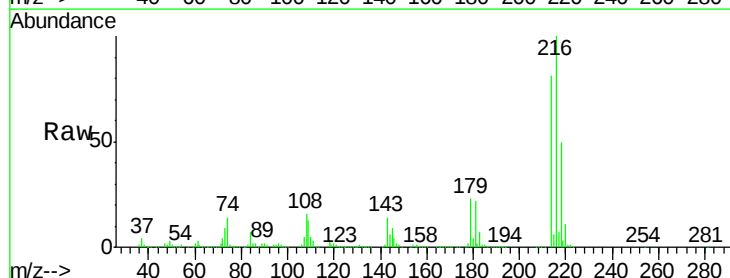
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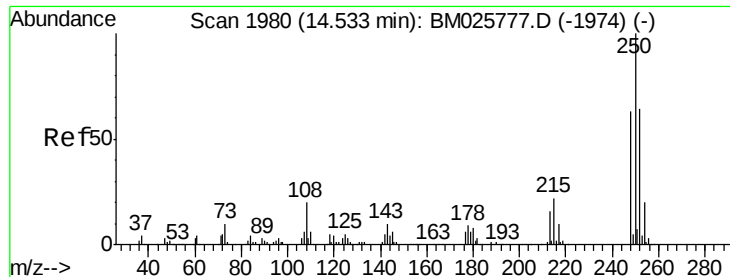
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#73
1,2,3,4-Tetrachlorobenzene
Concen: 758.857 ng/uL
RT: 13.02 min Scan# 1722
Delta R.T. 0.01 min
Lab File: BM025781.D
Acq: 25 Mar 2020 23:06

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.6	61.8	92.6
218	50.0	37.3	55.9





#74

Pentachlorobenzene

Concen: 25.909 ng/uL

RT: 14.53 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BM025781.D

Acq: 25 Mar 2020 23:06

Instrument :

BNA_M

ClientSampleId :

C0DB6

Tot Ion:	250	Resp:	461586
Ion Ratio		Lower	Upper
250	100		
248	61.7	50.3	75.5
252	64.7	51.9	77.9

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