

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092418\
 Data File : BN002841.D
 Acq On : 24 Sep 2018 23:38
 Operator : JU/SJ
 Sample : J5013-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 C08M7

Manual Integrations
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Quant Time: Sep 25 06:08:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 25 05:43:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	136423	20.00	ng/ul	0.01
18) Naphthalene-d8	10.42	136	560969	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.27	164	303934	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	624401	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	601492	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	615000	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	18405	6.22	ng/uL	0.00
5) Phenol-d5	6.83	99	89116	7.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	230467	32.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	260938	27.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	153257	17.08	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	151342	34.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	172637	35.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	280140	31.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	7347	0.72	ng/ul	0.03
43) Dimethylphthalate-d6	13.69	166	850473	35.75	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	1062064	34.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	19528	4.96	ng/ul	0.02
57) Fluorene-d10	15.27	176	746481	35.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	119061	30.48	ng/ul	0.00
70) Anthracene-d10	17.13	188	1073956	36.03	ng/ul	0.00
78) Pyrene-d10	19.43	212	1111918	35.03	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	1171684	36.19	ng/ul	0.00
Target Compounds						
10) 2-Chlorophenol	7.22	128	18013	1.904	ng/ul#	86
27) 2,4-Dichlorophenol	10.08	162	13475	1.564	ng/ul#	79
36) 1,2,4,5-Tetrachlorobenzene	12.46	216	174703m	17.303	ng/ul	
72) 1,2,3,4-Tetrachlorobenzene	13.07	216	450126	42.197	ng/uL	99
73) Pentachlorobenzene	14.61	250	22114	2.322	ng/uL	94

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

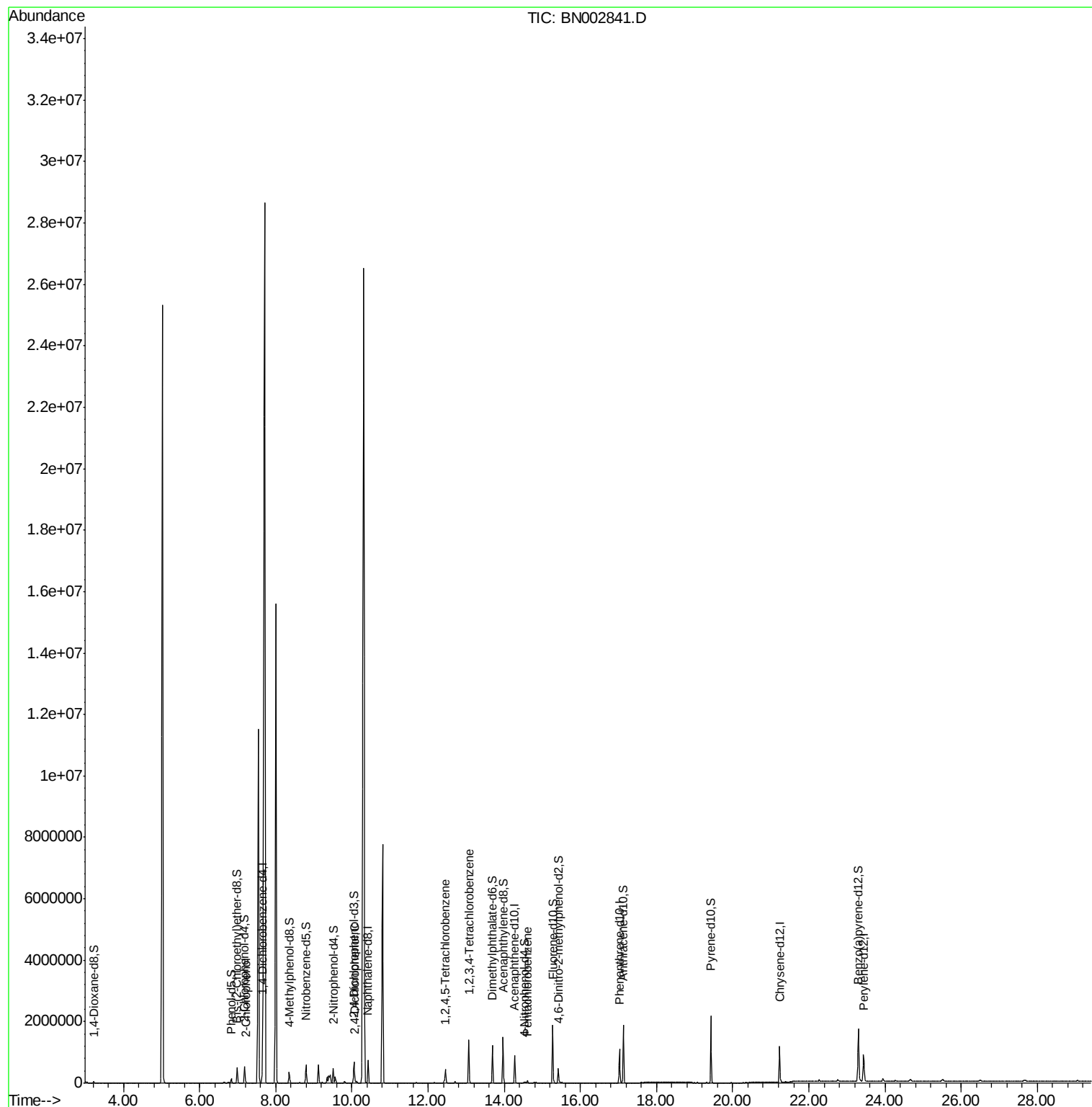
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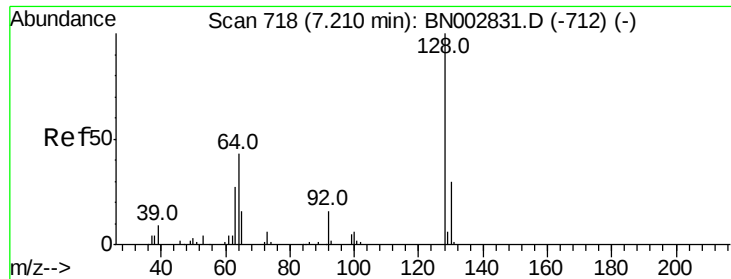
Instrument :
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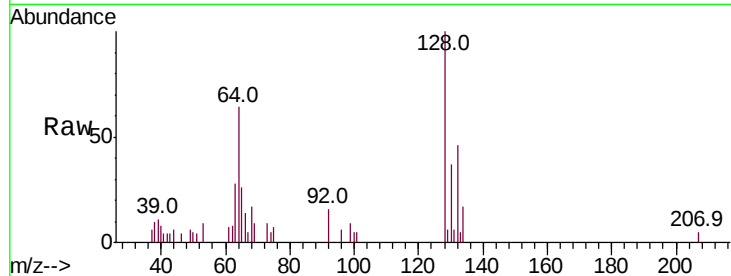
#10
2-Chlorophenol
Concen: 1.904 ng/ul
RT: 7.22 min Scan# 719
Delta R.T. 0.01 min
Lab File: BN002841.D
Acq: 24 Sep 2018 23:38

Instrument :
BNA_N
ClientSampleId :
C08M7

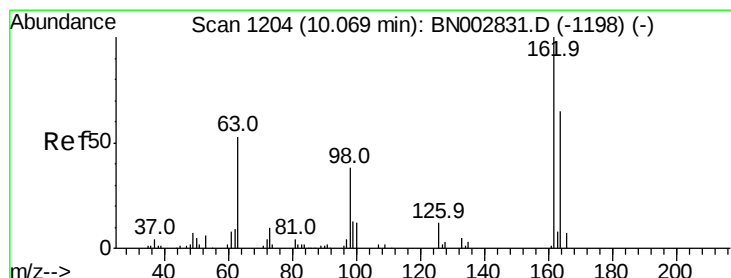
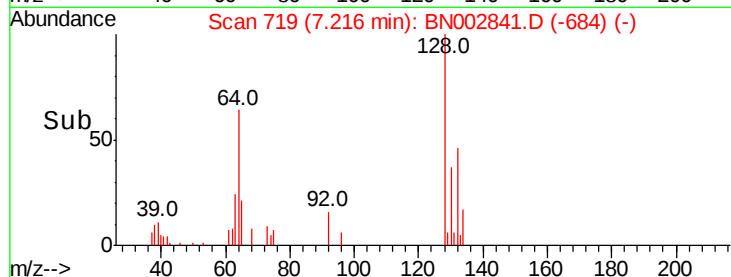
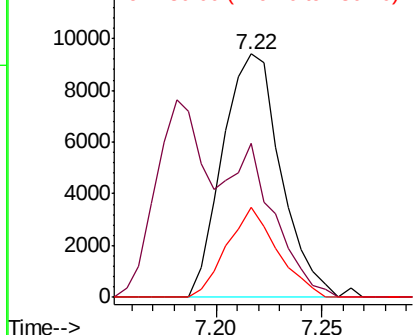
Tot Ion	Ratio	Resp	Lower	Upper
128	100	18013		
64	63.5		40.4	60.6#
130	36.8		26.8	40.2

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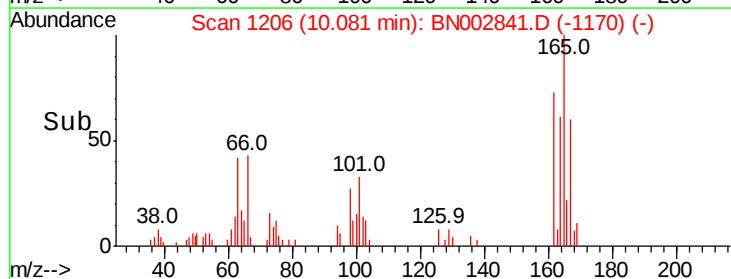
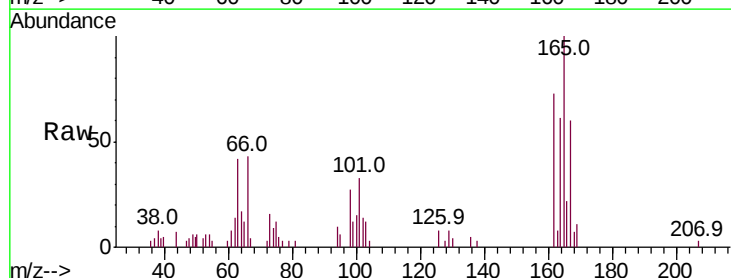
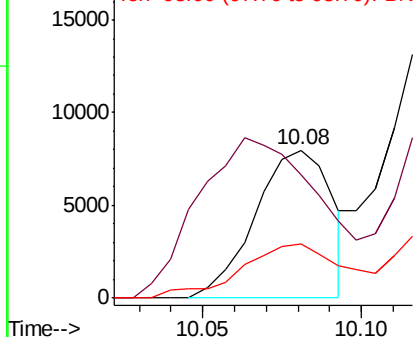
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BNO
Ion 130.00 (129.70 to 130.70): E

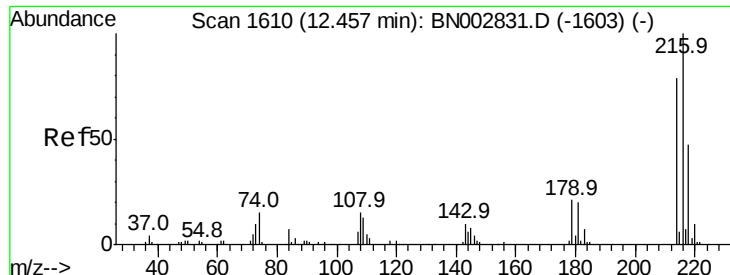


#27
2,4-Dichlorophenol
Concen: 1.564 ng/ul
RT: 10.08 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BN002841.D
Acq: 24 Sep 2018 23:38

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	13475		
164	83.2		48.6	73.0#
98	36.3		26.6	40.0

Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BNO





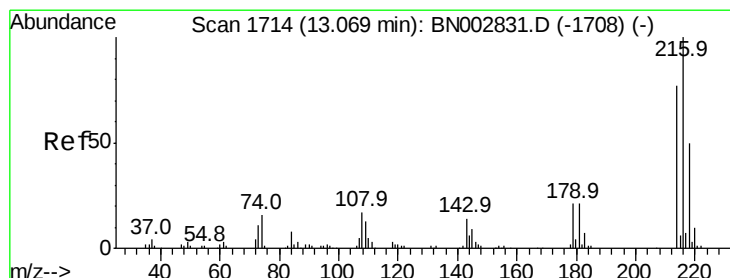
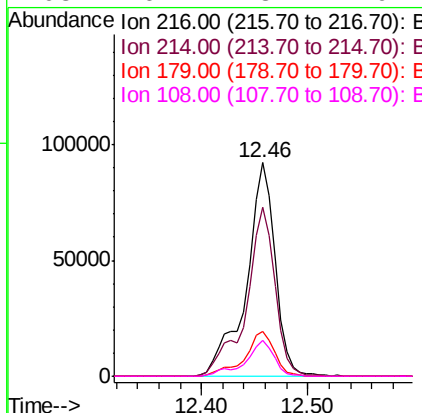
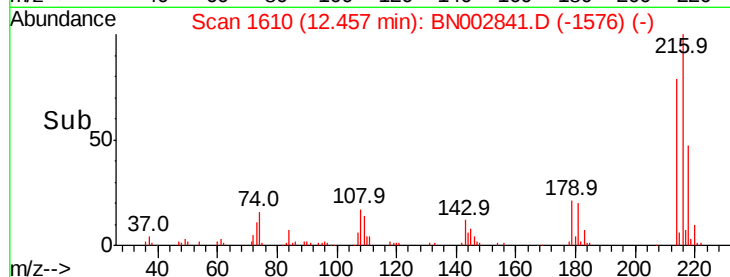
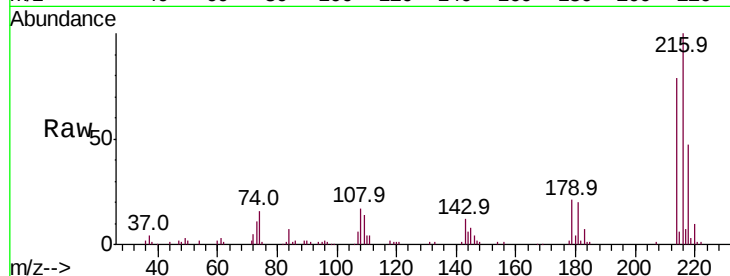
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 17.303 ng/ul m
 RT: 12.46 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BN002841.D
 Acq: 24 Sep 2018 23:38

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Tot Ion	Ratio	Resp	Lower	Upper
216	100	174703		
214	79.4	63.5	95.3	
179	20.9	16.5	24.7	
108	16.7	13.4	20.2	

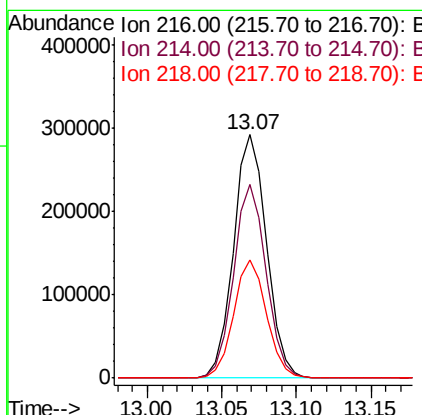
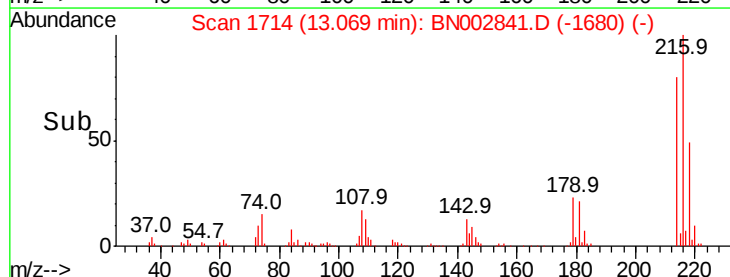
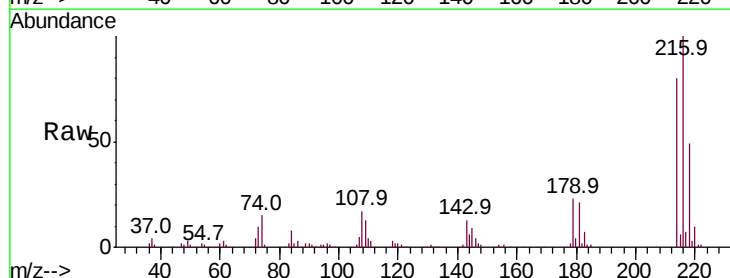
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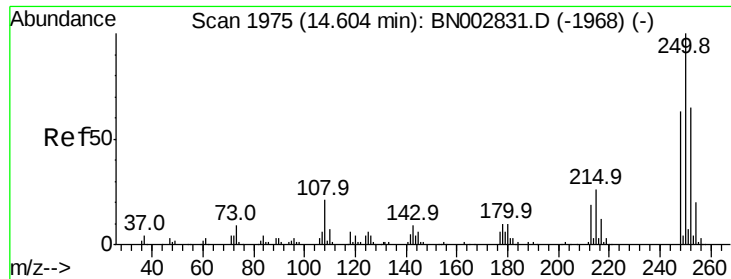
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#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 42.197 ng/uL
 RT: 13.07 min Scan# 1714
 Delta R.T. 0.00 min
 Lab File: BN002841.D
 Acq: 24 Sep 2018 23:38

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	450126		
214	79.5	62.9	94.3	
218	48.5	37.8	56.6	





#73
 Pentachlorobenzene
 Concen: 2.322 ng/uL
 RT: 14.61 min Scan# 1976
 Delta R.T. 0.01 min
 Lab File: BN002841.D
 Acq: 24 Sep 2018 23:38

Instrument :
 BNA_N
 ClientSampleId :
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Tot Ion:	250	Resp:	22114
Ion Ratio	Lower	Upper	
250	100		
248	59.6	49.1	73.7
252	55.7	51.0	76.4

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