

Comments for Sample AD28275 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 12-06-2001 Time: 13:59:41

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

The recovery for the Surrogate Standard in this sample was 101%. Recoveries for 41 of the 44 compounds in the LSC Standard were outside of EPA 625 acceptance ranges. Soon however, GCMS method acceptance ranges will be established and used instead.

NOT DET

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/06/2001 Time: 12:04:51

Sample: AD28275
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/6/01 12:04 Ended: 12/6/01 12:04 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0501\28275.D
 Acq On : 5 Dec 2001 5:31 pm
 Sample : re extract
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Dec 5 18:20 2001

Vial: 6
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Wed Nov 28 15:06:24 2001
 Response via : Initial Calibration
 DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	11.71	152	826072	20.00	ug/l	0.01
15) Naphthalene-d8	15.32	136	3162700	20.00	ug/l	0.01
26) Acenaphthene-d10	20.59	164	1506884	20.00	ug/l	0.01
42) Phenanthrene-d10	25.00	188	2174669	20.00	ug/l	0.01
53) Chrysene-d12	33.04	240	1377543	20.00	ug/l	0.00
59) Perylene-d12	37.12	264	855450	20.00	ug/l	0.00

System Monitoring Compounds

52) 2,4-DDD	30.08	235	131226	5.07	ug/mL	0.01
Spiked Amount	5.000		Recovery	=	101.40%	

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Pyridine	0.00	79	0	N.D.		
3) N-nitroso-dimethyl amine	5.18	74	121	N.D.		
4) Phenol	0.00	94	0	N.D.		
5) bis(2-Chloroethyl) ether	0.00	93	0	N.D.		
6) 2-Chlorophenol	0.00	128	0	N.D.		
7) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
8) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
9) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
10) 2-Methylphenol	0.00	108	0	N.D.		
11) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
12) 3&4-Methylphenol	0.00	108	0	N.D.		
13) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
14) Hexachloroethane	0.00	117	0	N.D.		
16) Nitrobenzene	0.00	77	0	N.D.		
17) Isophorone	0.00	82	0	N.D.		
18) 2-Nitrophenol	0.00	139	0	N.D.		
19) 2,4-Dimethylphenol	0.00	107	0	N.D.		
20) bis(2-Chloroethoxy) methane	0.00	93	0	N.D.		
21) 2,4-Dichlorophenol	0.00	162	0	N.D.		
22) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
23) Naphthalene	15.37	128	1402	N.D.		
24) Hexachlorobutadiene	0.00	225	0	N.D.		
25) 4-Chloro-3-methylphenol	0.00	107	0	N.D.		
27) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
28) 2,4,6-Trichlorophenol	0.00	196	0	N.D.		
29) 2,4,5-Trichlorophenol	0.00	196	0	N.D.		
30) 2-Chloronaphthalene	0.00	162	0	N.D.		
31) Dimethylphthalate	0.00	163	0	N.D.		
32) 2,6-Dinitrotoluene	0.00	165	0	N.D.		

(#) = qualifier out of range (m) = manual integration

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0501\28275.D

Vial: 6

Acq On : 5 Dec 2001 5:31 pm

Operator: 209 GALOS

Sample : re extract

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 5 18:20 2001

Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Wed Nov 28 15:06:24 2001

Response via : Initial Calibration

DataAcq Meth : GCMS1126

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) Acenaphthylene	0.00	152	0	N.D.		
34) Acenaphthene	0.00	153	0	N.D.		
35) 2,4-Dinitrophenol	0.00	184	0	N.D.		
36) 4-Nitrophenol	0.00	65	0	N.D.		
37) 2,4-Dinitrotoluene	20.99	165	187	N.D.		
38) Diethylphthalate	22.10	149	384	N.D.		
39) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
40) Fluorene	0.00	166	0	N.D.		
41) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
43) 4,6-Dinitro-2-methylphenol	0.00	198	0	N.D.		
44) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
45) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		
46) Hexachlorobenzene	0.00	284	0	N.D.		
47) Pentachlorophenol	0.00	266	0	N.D.		
48) Phenanthrene	25.01	178	722	N.D.		
49) Anthracene	25.01	178	722	N.D.		
50) Di-n-butylphthalate	27.01	149	6003	N.D.		
51) Fluoranthene	0.00	202	0	N.D.		
54) Pyrene	0.00	202	0	N.D.		
55) Butylbenzylphthalate	0.00	149	0	N.D.		
56) Benzo(a)anthracene	33.04	228	3315	N.D.		
57) Bis(2-ethylhexyl)phthalate	33.31	149	3316	N.D.		
58) Chrysene	33.04	228	3315	N.D.		
60) Di-n-Octylphthalate	0.00	149	0	N.D.		
61) Benzo(b)fluoranthene	0.00	252	0	N.D.		
62) Benzo(k)fluoranthene	0.00	252	0	N.D.		
63) Benzo(a)pyrene	37.12	252	3370	N.D.		
64) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.		
65) Dibenz(a,h)anthracene	0.00	278	0	N.D.		
66) Benzo(g,h,i)perylene	0.00	276	0	N.D.		

 (#) = qualifier out of range (m) = manual integration

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Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC0501\28275.D

Acq On : 5 Dec 2001 5:31 pm

Sample : re extract

Misc :

MS Integration Params: RTEINT.P

Quant Time: Dec 5 18:20 2001

Vial: 6

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

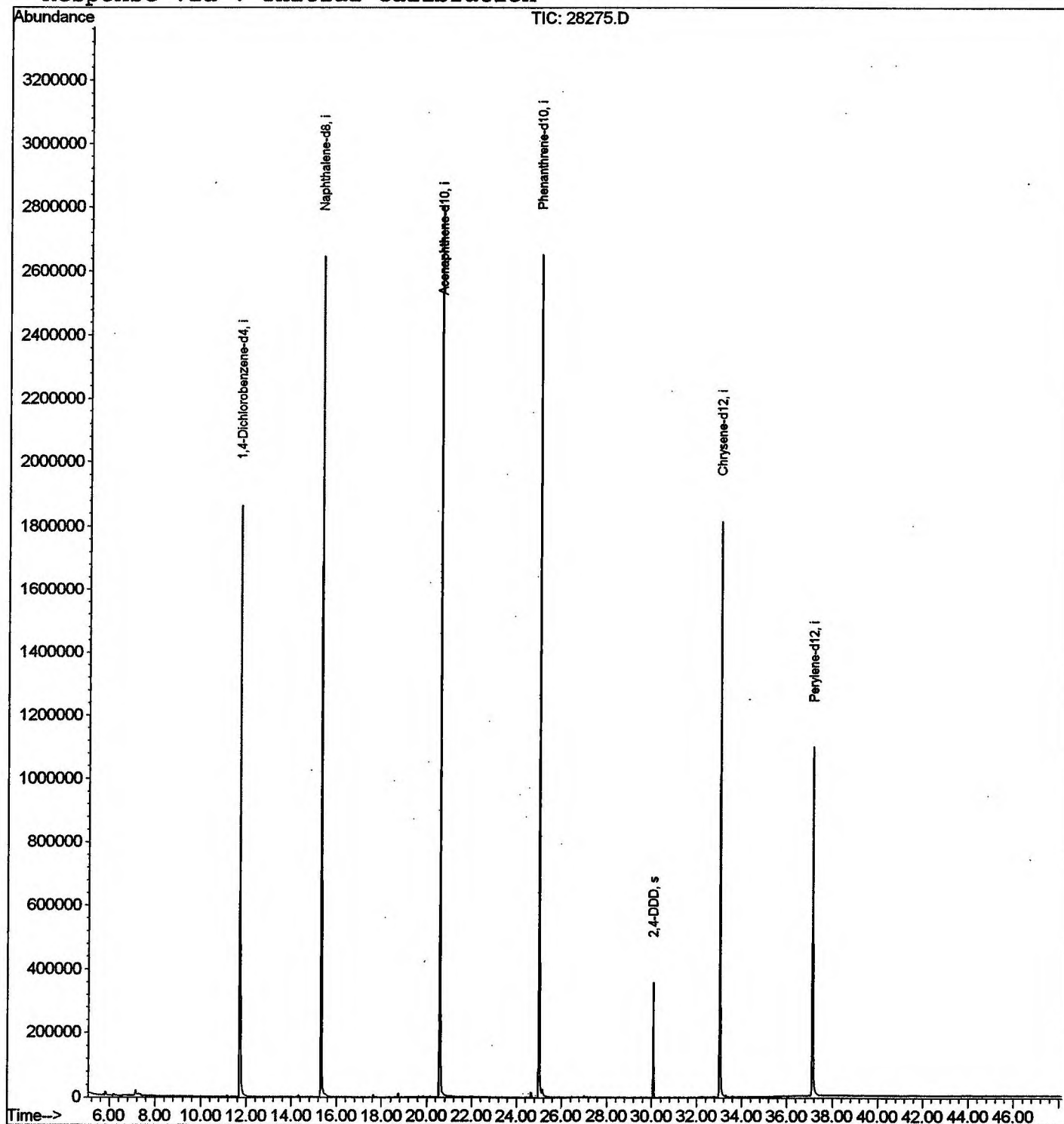
Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Wed Nov 28 15:06:24 2001

Response via : Initial Calibration



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LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC0501\28275.D

Vial: 6

Acq On : 5 Dec 2001 5:31 pm

Operator: 209 GALOS

Sample : re extract

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	11.711	721	726	747	rBV	1862606	4460201	72.55%	14.632%
2	15.319	1113	1119	1136	rBV	2644722	5901537	95.99%	19.360%
3	20.588	1686	1693	1716	rBV	2804026	6148095	100.00%	20.169%
4	25.004	2168	2174	2186	rBV2	2650134	5778491	93.99%	18.957%
5	25.151	2187	2190	2200	rVB	21873	65232	1.06%	0.214%
6	30.081	2721	2727	2736	rBV	357569	701758	11.41%	2.302%
7	33.037	3041	3049	3066	rBV2	1813390	4298878	69.92%	14.103%
8	37.131	3487	3495	3516	rBV2	1092907	3128441	50.88%	10.263%

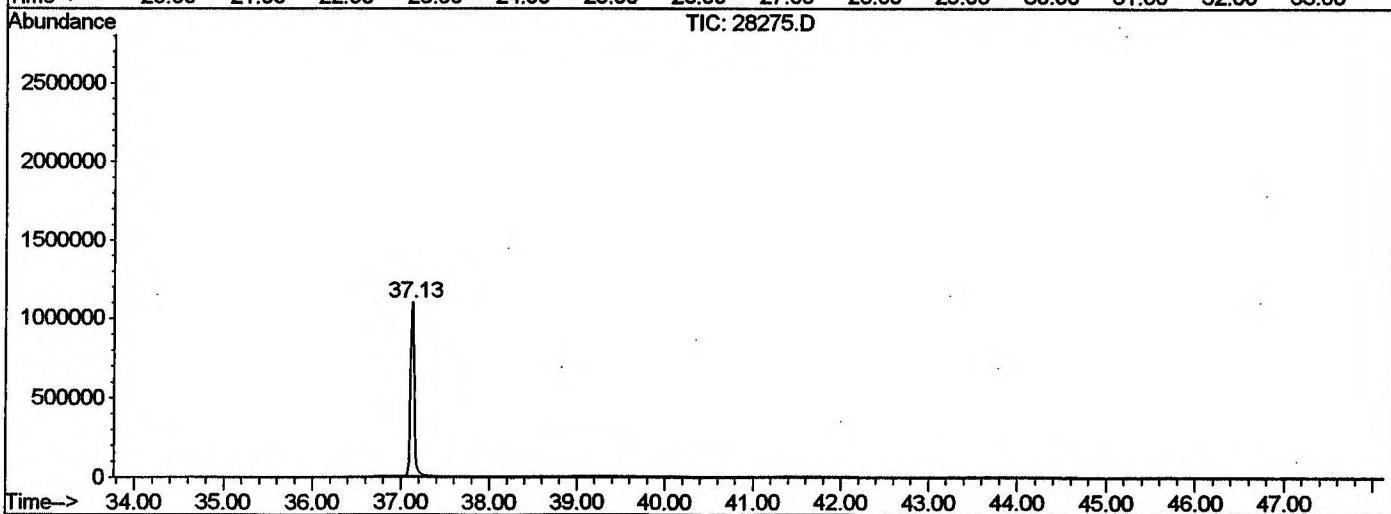
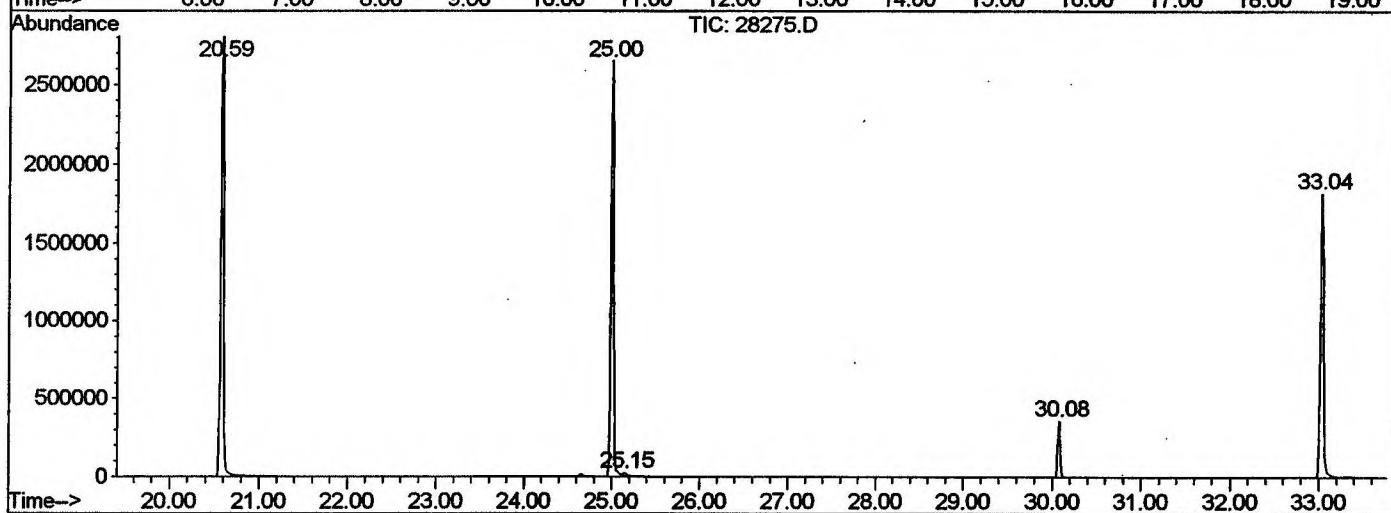
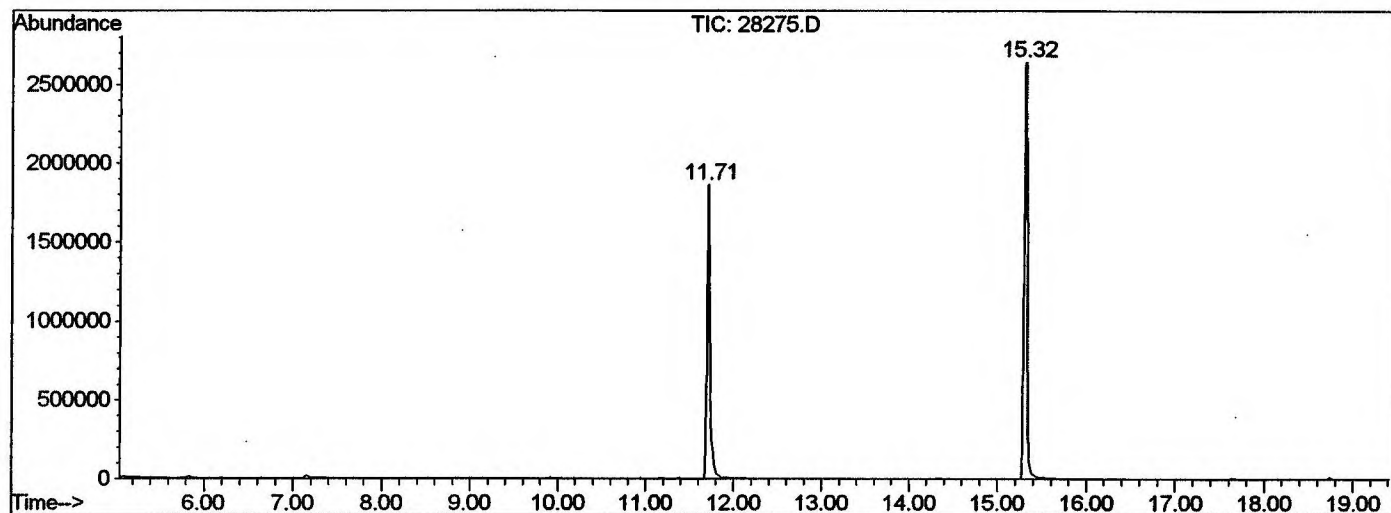
Sum of corrected areas: 30482633

28275.D GCMS1126.M

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LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC0501\28275.D
 Operator : 209 GALOS
 Acquired : 5 Dec 2001 5:31 pm using AcqMethod GCMS1126
 Instrument : GC/MS 209
 Sample Name: re extract
 Misc Info :
 Vial Number: 6
 Quant File :GCMS1126.RES (RTE Integrator)



28275.D GCMS1126.M Thu Dec 06 08:49:27 2001

Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 5 Dec 2001 5:31 pm
 Data File: C:\HPCHEM\1\DATA\DEC0501\28275.D
 Name: re extract
 Misc:
 Method: C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
 Title: 209 625/TCLP calibration table
 Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

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