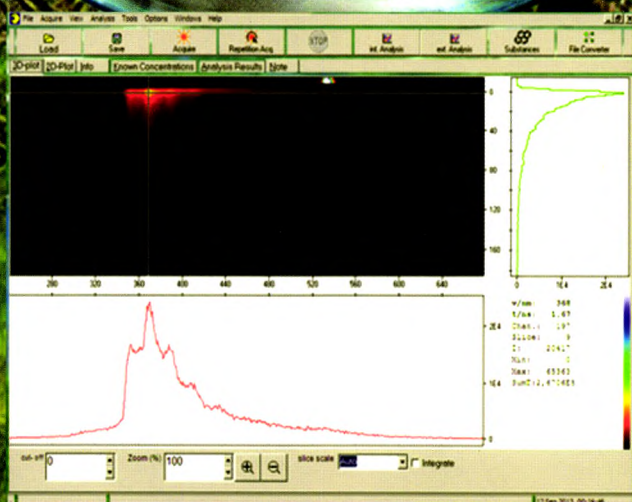


2013. 10

CHINESE JOURNAL OF ANALYTICAL CHEMISTRY



万方数据



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通用电气(中国)医疗集团生命科学部(封二) 岛津国际贸易(上海)有限公司(文前1) 岛津国际贸易(上海)有限公司(文前2) 岛津技述(上海)商贸有限公司(文前3) 安捷伦科技有限公司(文前4) 成都超纯科技有限公司(文前5) 大连依利特分析仪器有限公司(文前6) 青岛盛瀚仪器有限公司(文前7) 北京浩天晖科贸有限公司(文前8) 北京浩天晖科贸有限公司(文前9) 信息仪器网(文前10) 慕尼黑上海分析生化展(文前11) 订阅《分析化学》(文前12) 沃特世科技(上海)有限公司(文前13) 沃特世科技(上海)有限公司(目录前14) 赛默飞世尔科技(中国)有限公司(中插1) 赛默飞世尔科技(中国)有限公司(中插2) 订阅《分析化学》(中插3) 北京氮普北分气体工业有限公司(中插4) 北京氮普北分气体工业有限公司(中插5) 北京莱伯泰科仪器有限公司(中插6) 沃特世科技(上海)有限公司(文后1) 安徽时联特种溶剂股份有限公司(文后2) 北京海光仪器公司(封三) 美国 TEDIA 天地试剂公司(封底)

(本期责任编辑:罗虎璋 编排:潘文革)

* 联系人

★ 该篇文章的英文电子版由 Elsevier 出版社在 ScienceDirect 上出版(<http://www.sciencedirect.com/science/journal/18722040>)



Yang et al developed a novel method for the in situ determination of phenanthrene adsorbed onto the leaf surfaces of three selected mangrove species using a laser-induced nanosecond time-resolved fluorescence (LITRF) system. The LITRF method provided a much lower detection limit than that of previous in situ methods and marked a significant step toward in realizing the field detection of PAHs adsorbed onto the mangrove leaves. See the special section beginning on page 1465.

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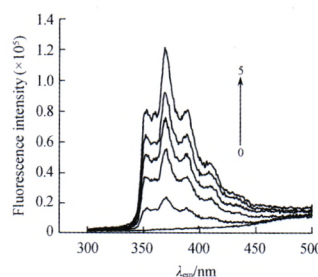
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★ In situ Determination of Phenanthrene Adsorbed onto Surface of Mangrove Leaves Using a Laser-Induced Nanosecond Time-Resolved Fluorescence System

YANG Ya-Nan, SUN Hai-Feng, ZHU Ya-Xian, WU Fang, ZHANG Yong*

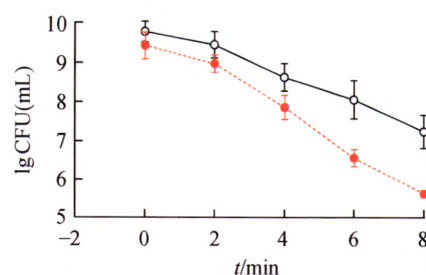
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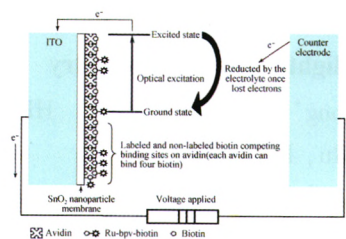
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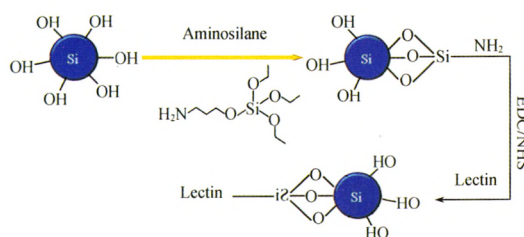
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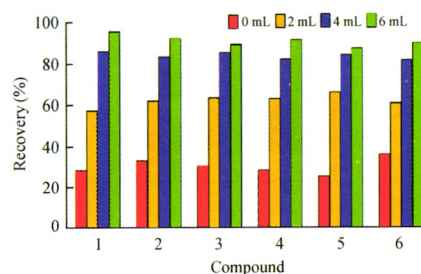
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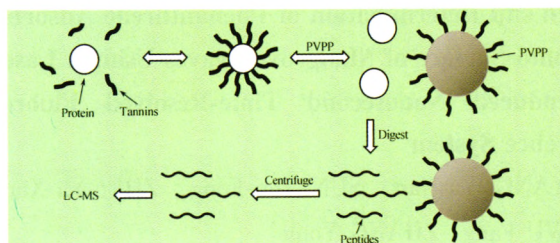
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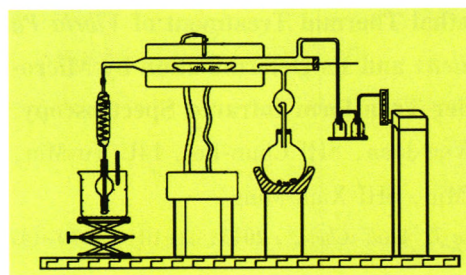
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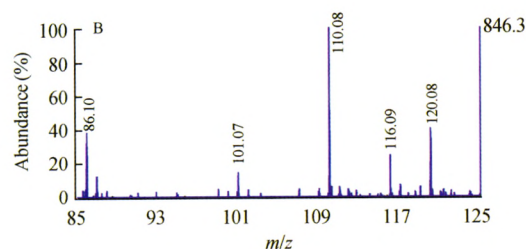
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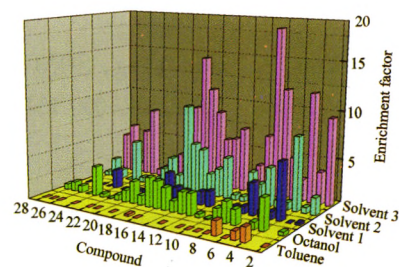
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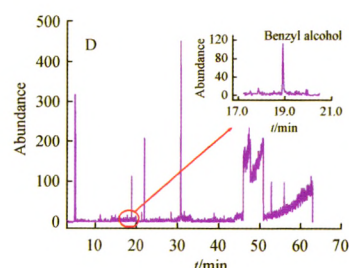
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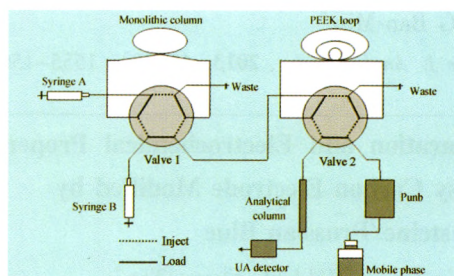
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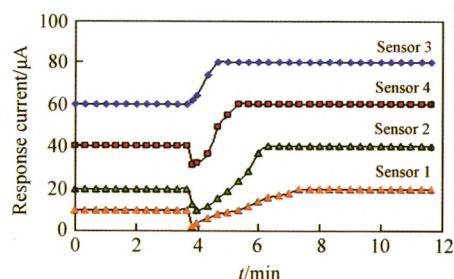
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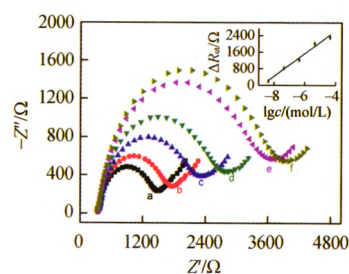
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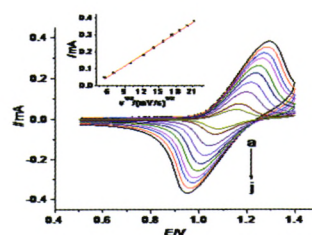
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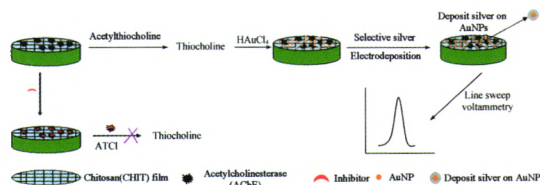


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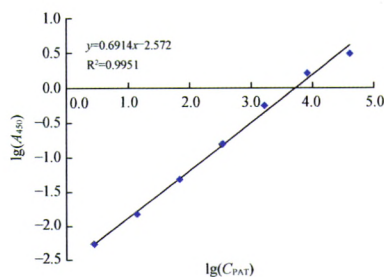
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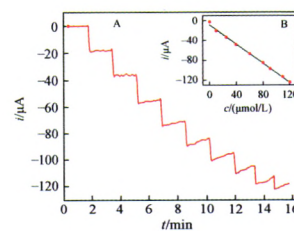


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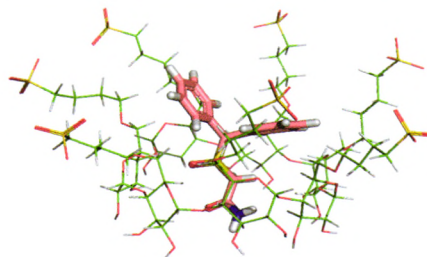


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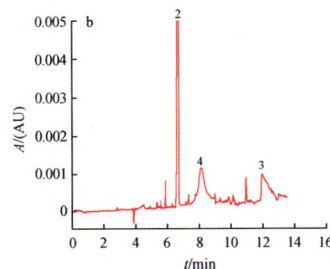
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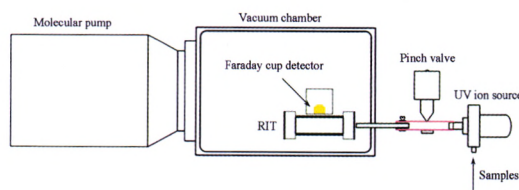
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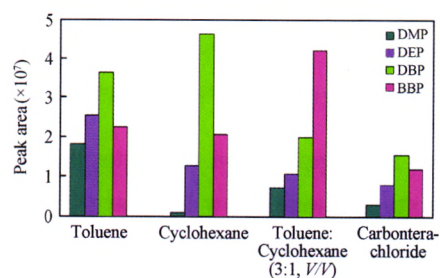


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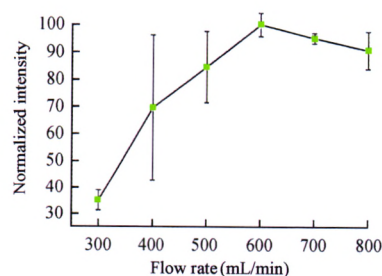


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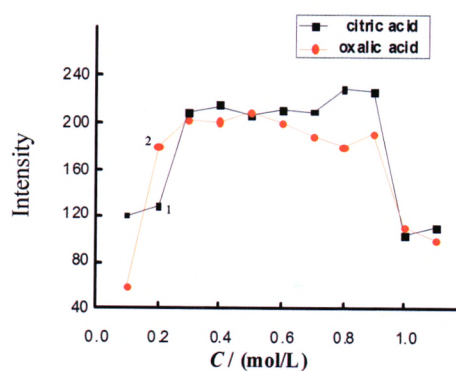
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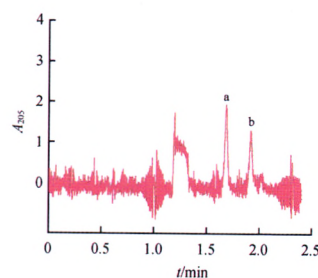
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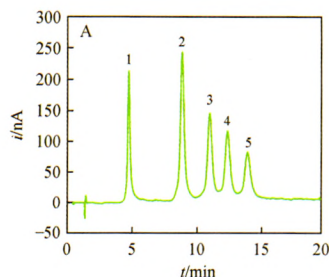
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SHI Ying

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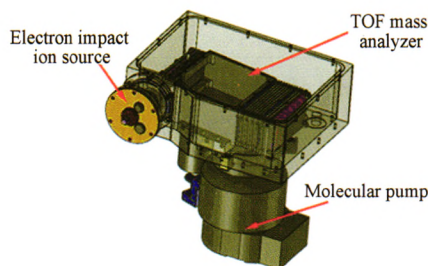
Atmospheric electrolyte cathode glow discharge system as an emerging testing tool has attracted more and more attention in atomic spectrum analysis in recent ten years. Atmospheric electrolyte cathode glow discharge emission spectrometer technique has the advantages such as stability in spectrum measurement, selectiveness in element analysis and convenience and simpleness in sensor measurement. This paper reviewed the principle and characteristic mechanism, the research progress, evolution and the application of AECDES. We summarized the advantages and problems of the technique and predict the application outlook in the end.

Experimental Technique and Instrument

**★ Development of Orthogonal Acceleration Time-
of-Flight Mass Spectrometer for Detection of
Ions with Wide Energies Distribution**

TAN Guo-Bin, HUANG Zheng-Xu, GAO Wei,
ZHOU Zhen*

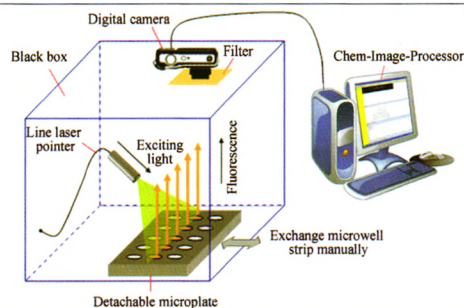
Chinese J. Anal. Chem., 2013, 41(10): 1614–1619



**Development and Application of High-through-
put and Portable Fluorescence Device**

LIU Jia-Jia, GUO Xiang-Qun*

Chinese J. Anal. Chem., 2013, 41(10): 1620–1624



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