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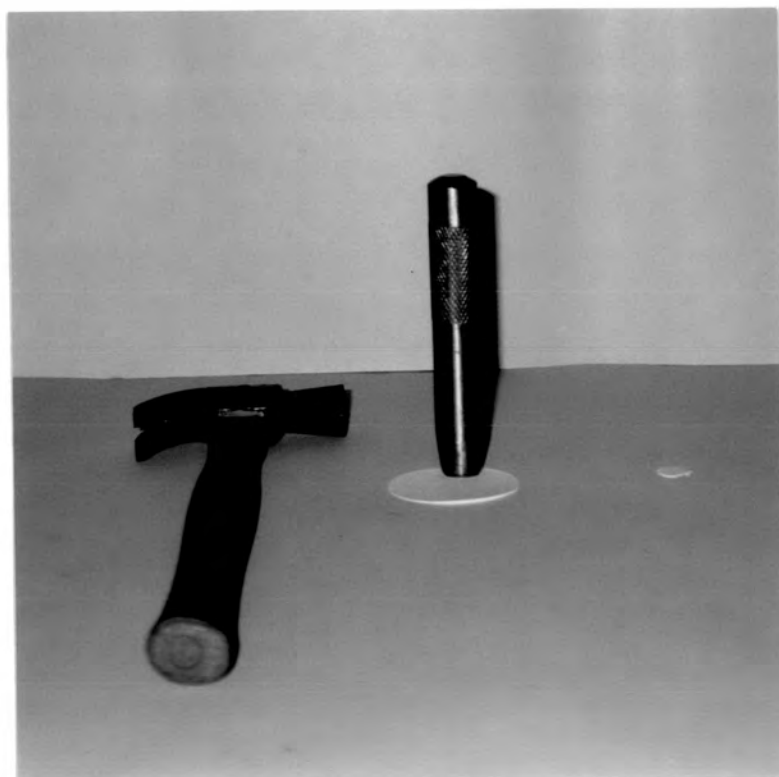


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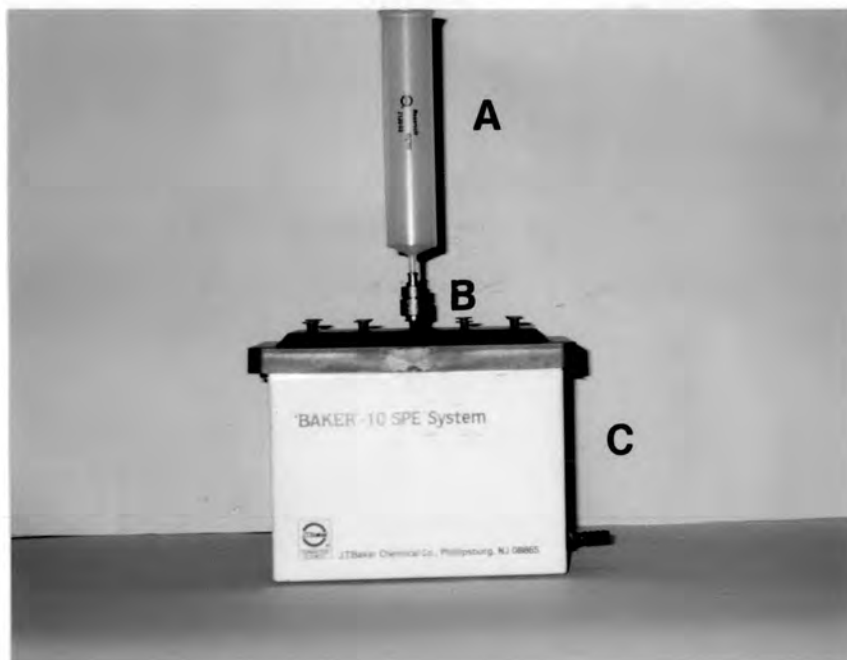
## APPENDIX

## APPENDIX A

The tool for cutting disk



The materials used for small disk extraction method



A : 75 mL 'BAKER' Disposable Extraction Columns Reservoir

B : 13 mm Swinny Stainless Steel Filter Holders

C : 'BAKER'-10 SPE<sup>TM</sup> System

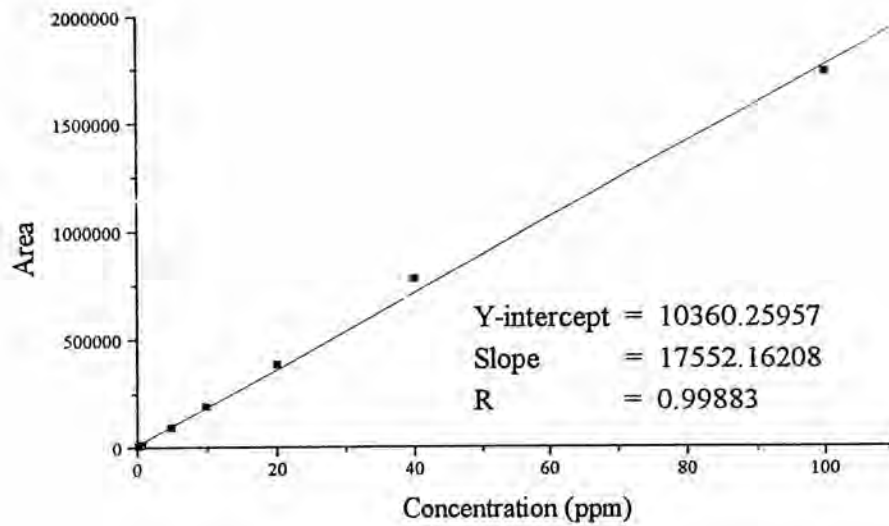
**APPENDIX B**

Figure B-1 The relationship between concentration of standard Naph and peak area by the HPLC conditions in Table 4.1.

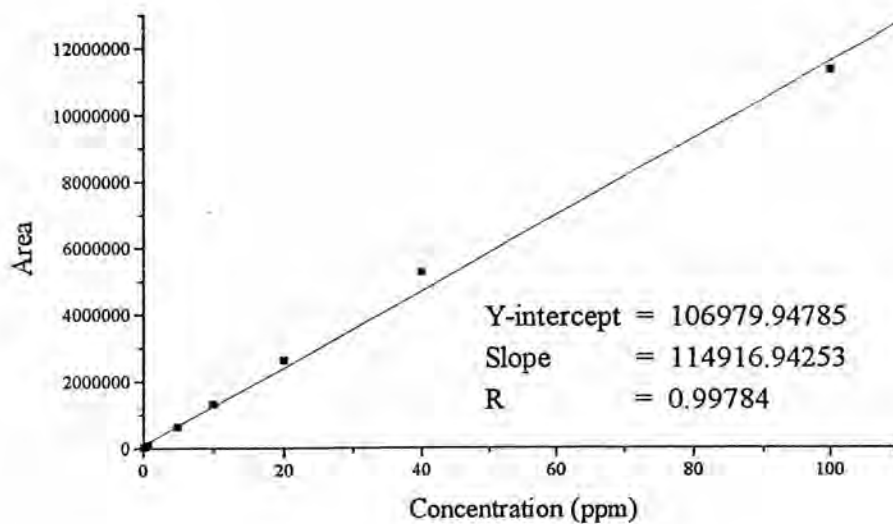


Figure B-2 The relationship between concentration of standard Acenl and peak area by the HPLC conditions in Table 4.1.

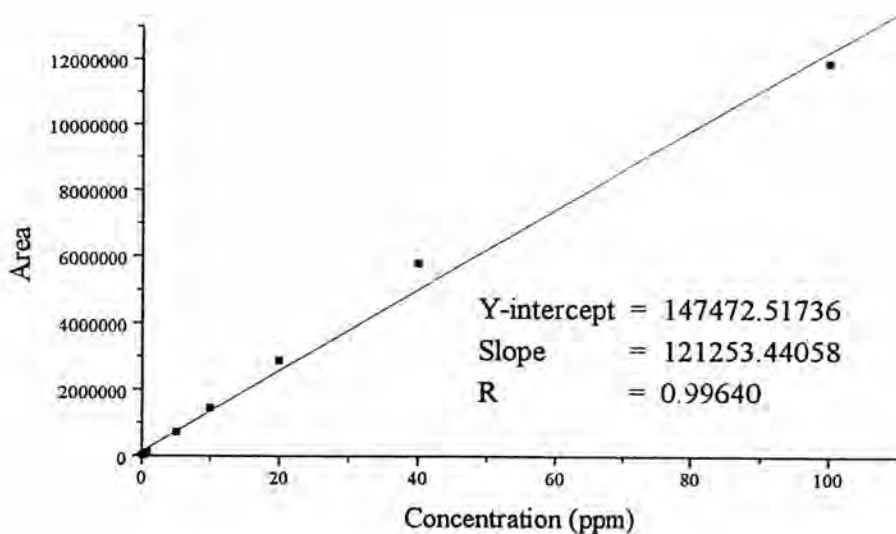


Figure B-3 The relationship between concentration of standard agent and peak area by the HPLC conditions in Table 4.1.

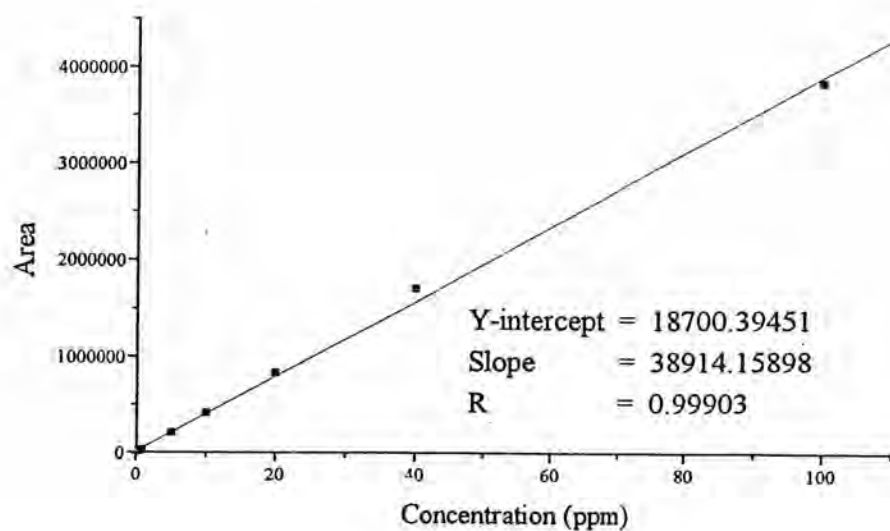


Figure B-4 The relationship between concentration of standard Flu and peak area by the HPLC conditions in Table 4.1.

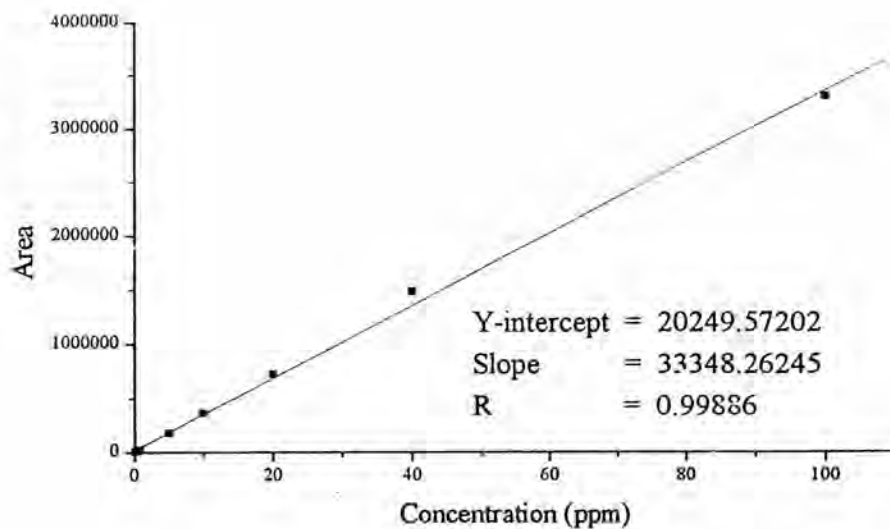


Figure B-5 The relationship between concentration of standard Phen and peak area by the HPLC conditions in Table 4.1.

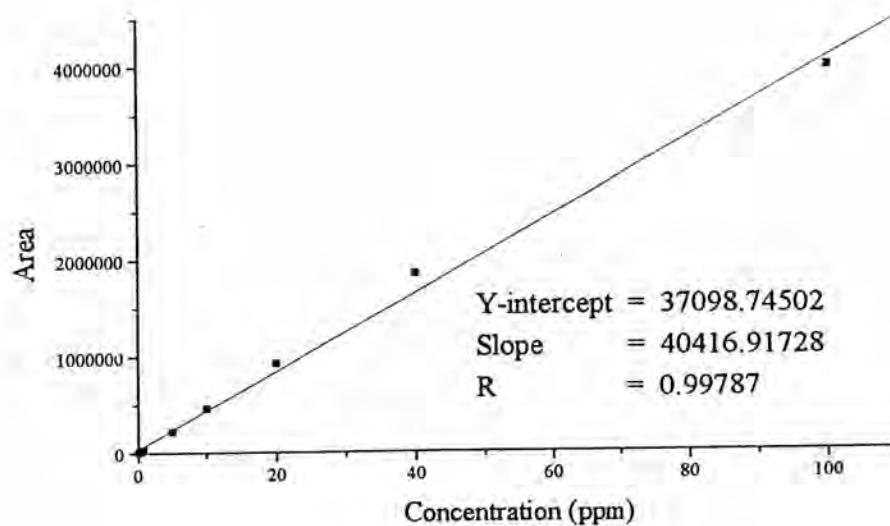


Figure B-6 The relationship between concentration of standard Ant and peak area by the HPLC condition in Table 4.1.

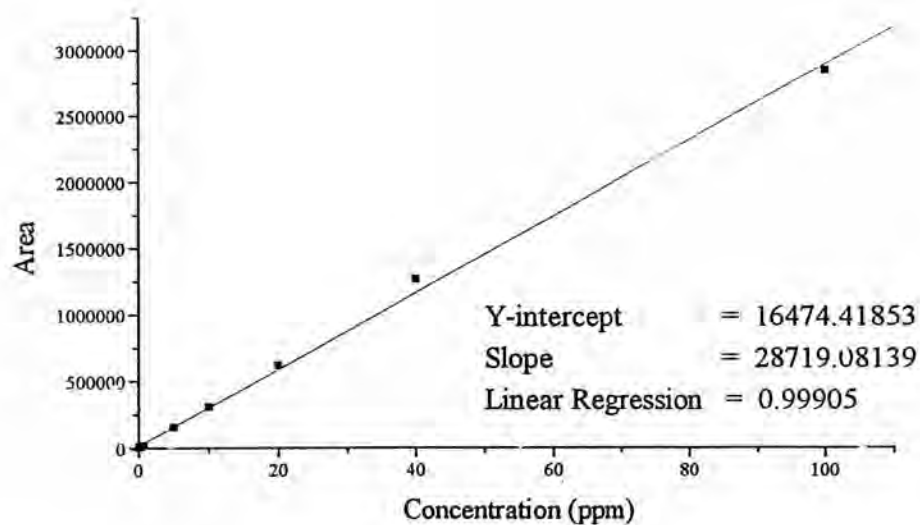


Figure B-7 The relationship between concentration of standard Flt and peak area by the HPLC conditions in Table 4.1.

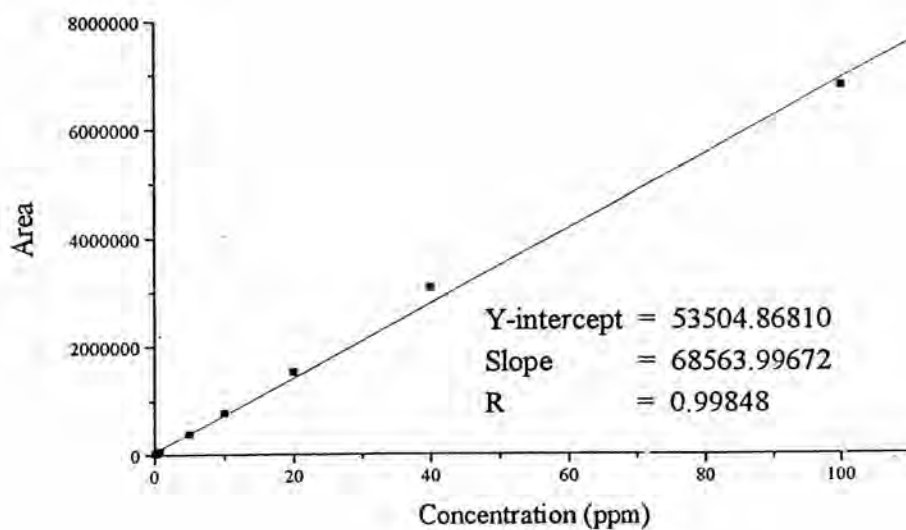


Figure B-8 The relationship between concentration of standard Pyr and peak area by the HPLC conditions in Table 4.1.



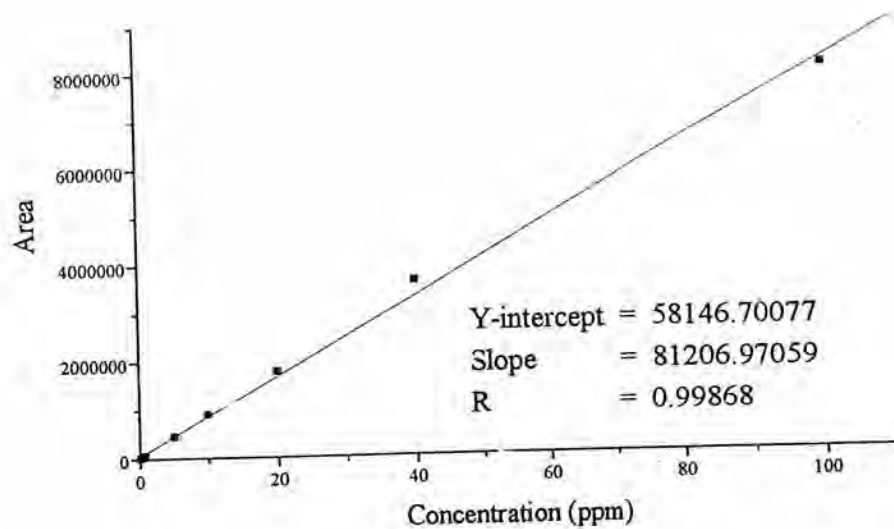


Figure B-9 The relationship between concentration of standard BaA and peak area by the HPLC conditions in Table 4.1.

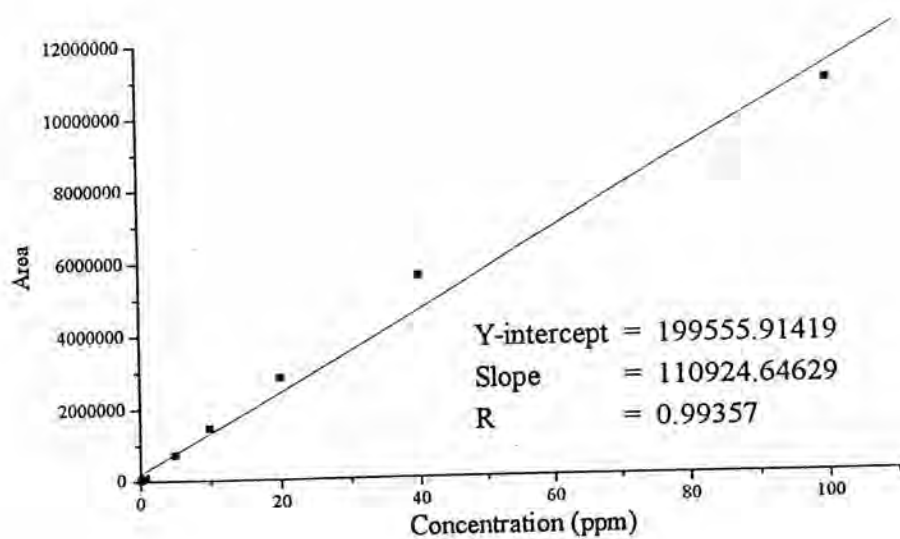


Figure B-10 The relationship between concentration of standard Chry and peak area by the HPLC conditions in Table 4.1.

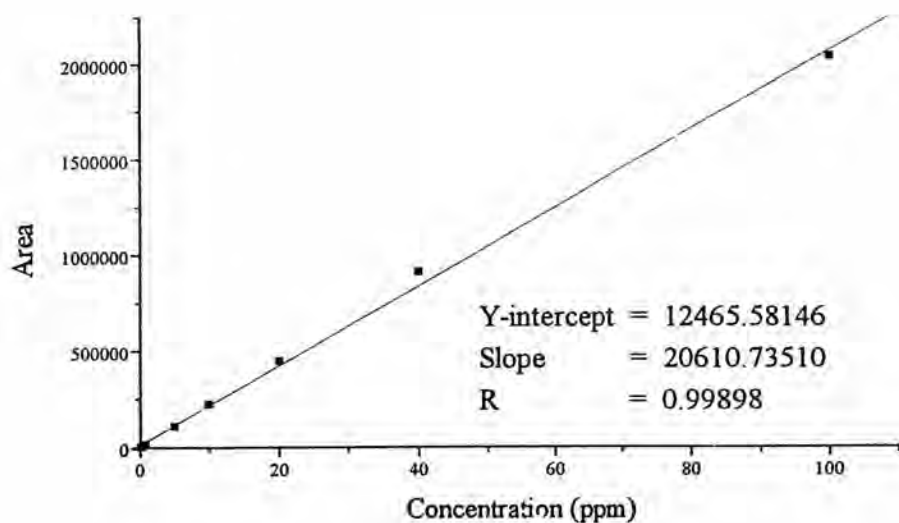


Figure B-11 The relationship between concentration of standard BbF and peak area by the HPLC conditions in Table 4.1.

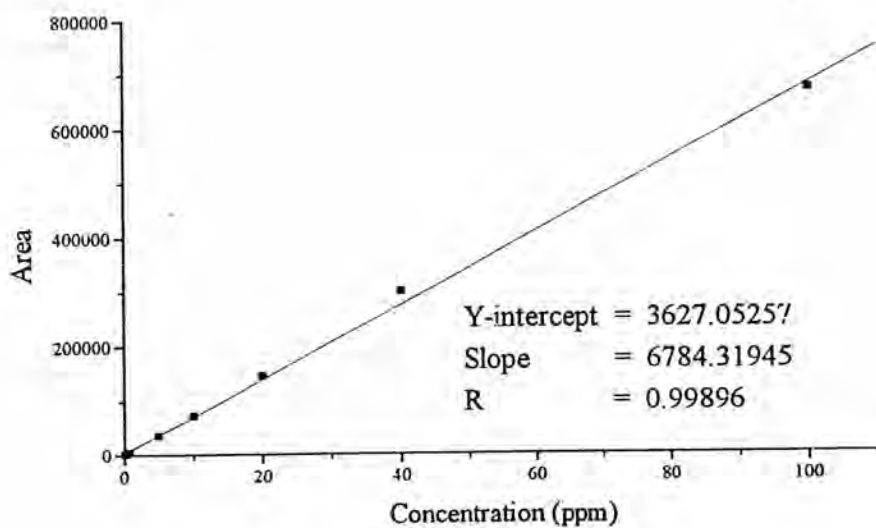


Figure B-12 The relationship between concentration of standard BkF and peak area by the HPLC conditions in Table 4.1.

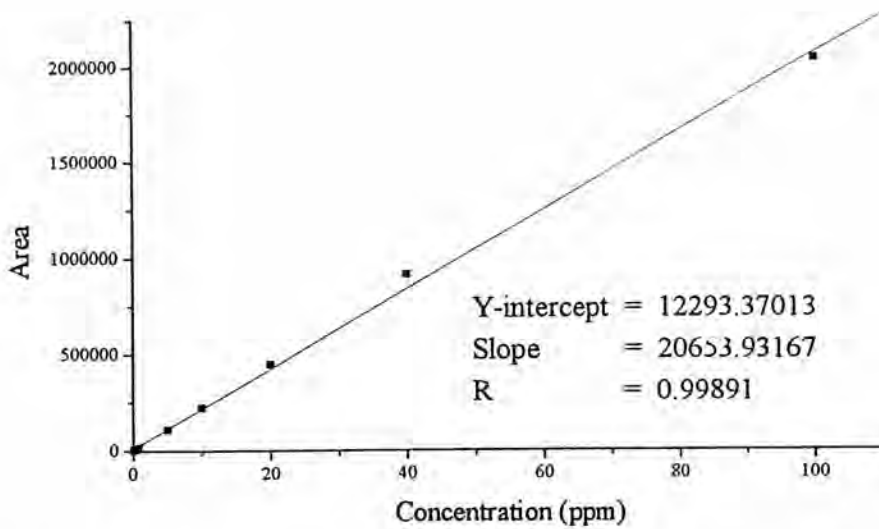


Figure B-13 The relationship between concentration of standard BaP and peak area by the HPLC conditions in Table 4.1.

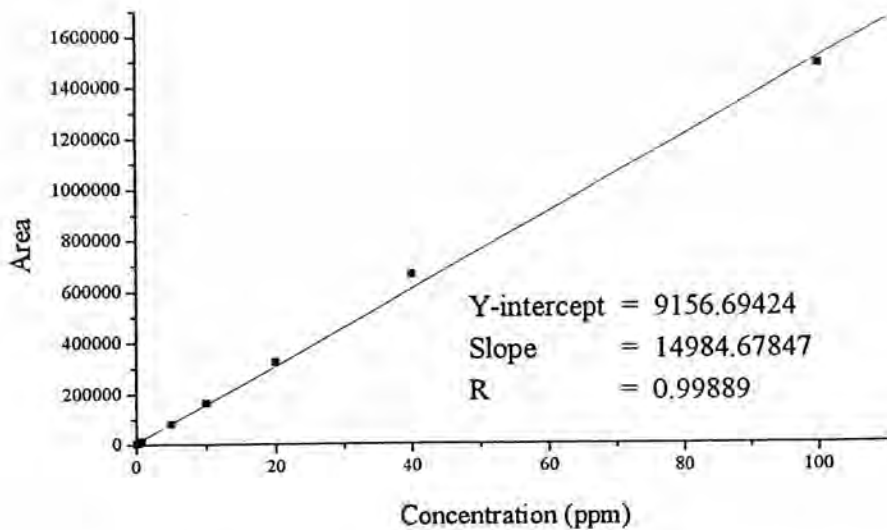


Figure B-14 The relationship between concentration of standard Dah and peak area by the HPLC conditions in Table 4.1.

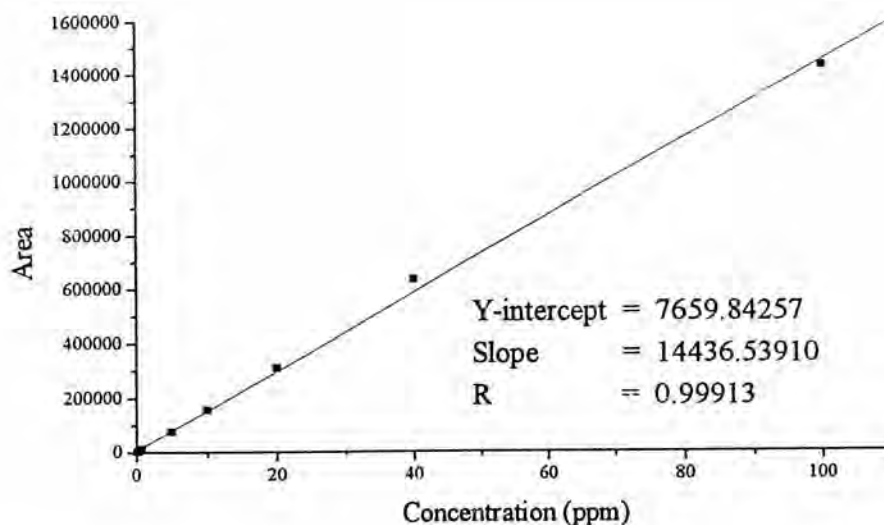


Figure B-15 The relationship between concentration of standard Bghi and peak area by the HPLC conditions in Table 4.1.

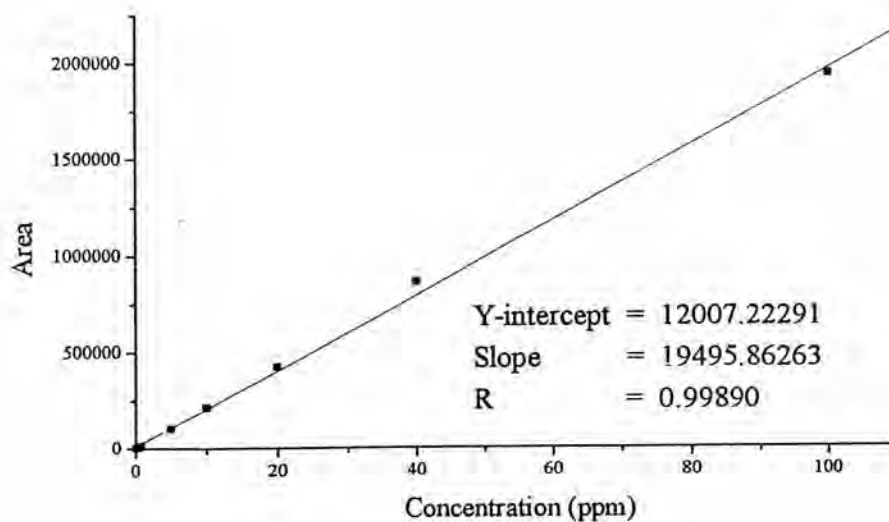


Figure B-16 The relationship between concentration of standard Ind and peak area by the HPLC conditions in Table 4.1.

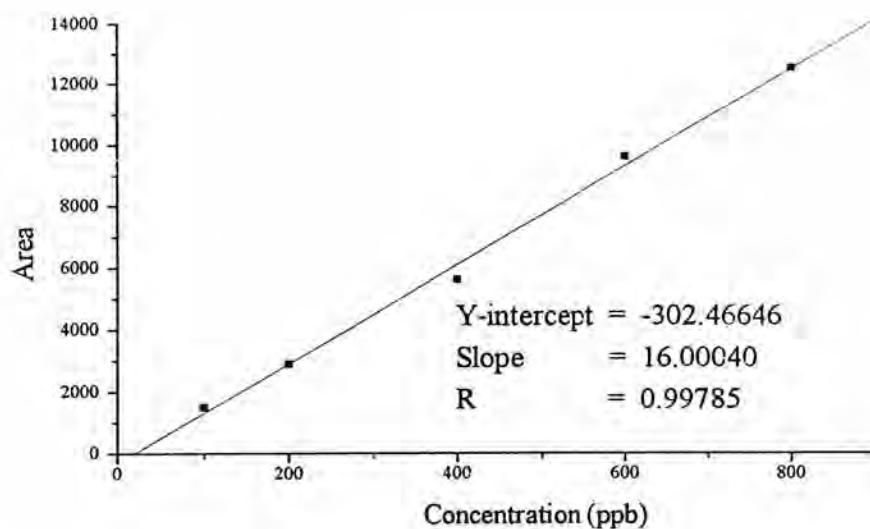


Figure B-17 The calibration curve of Naph by the HPLC conditions in Table 4.1.

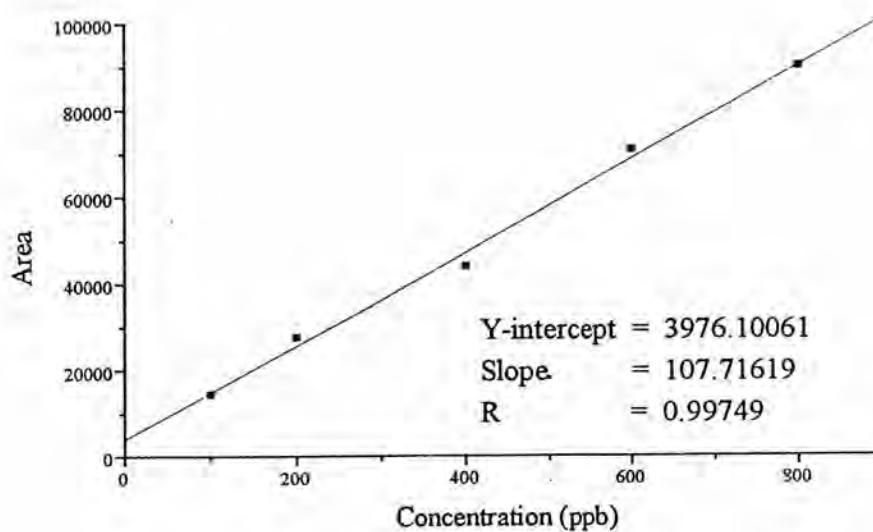


Figure B-18 The calibration curve of AcenI by the HPLC conditions in Table 4.1.

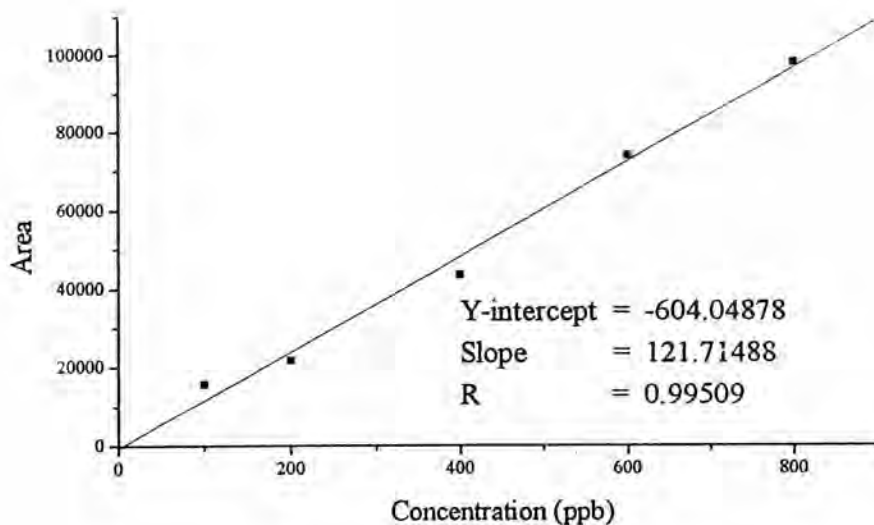


Figure B-19 The calibration curve of Acent by the HPLC conditions in Table 4.1.

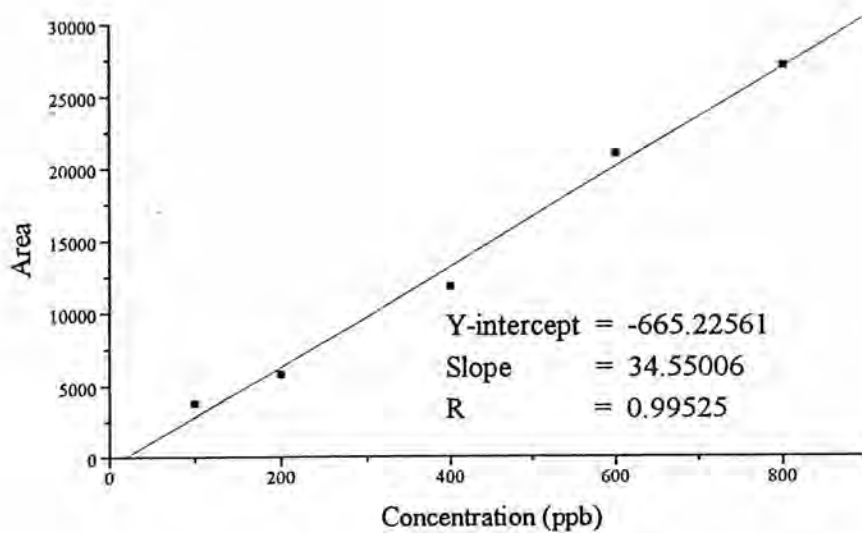


Figure B-20 The calibration curve of Flu by the HPLC conditions in Table 4.1.

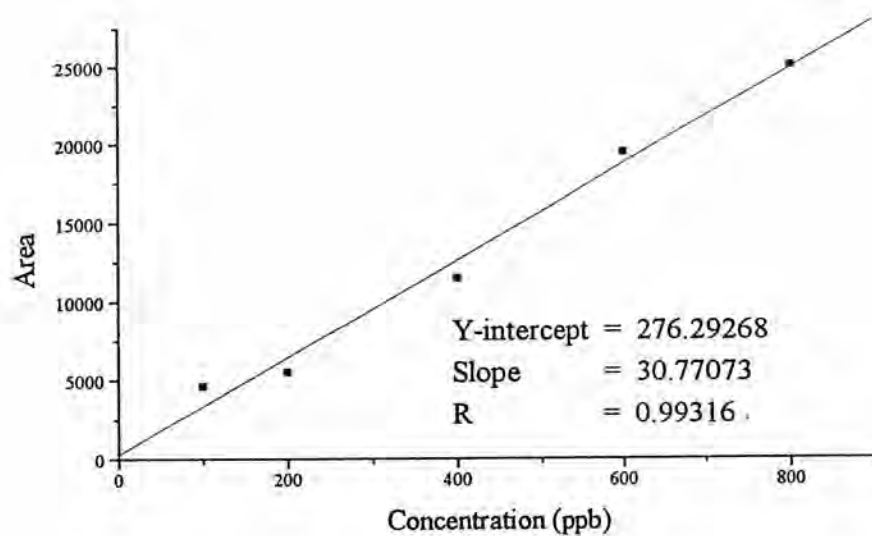


Figure B-21 The calibration curve of Phen by the HPLC conditions in Table 4.1.

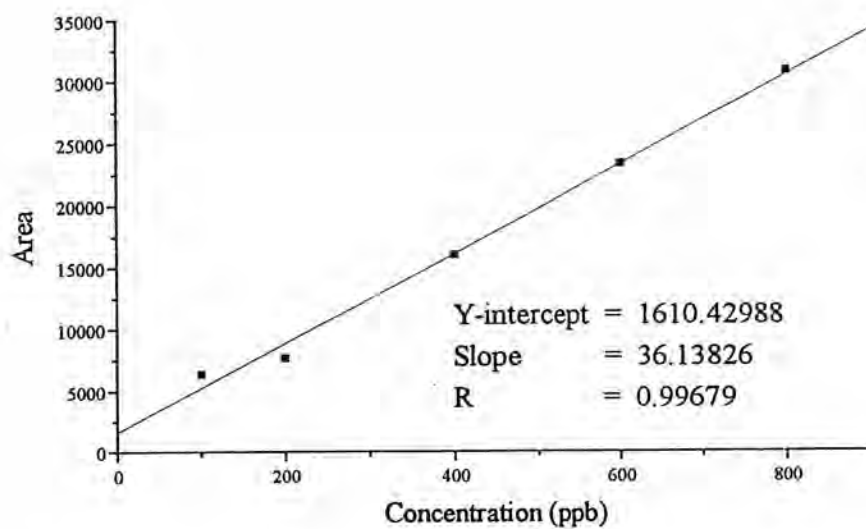


Figure B-22 The calibration curve of Ant by the HPLC conditions in Table 4.1.

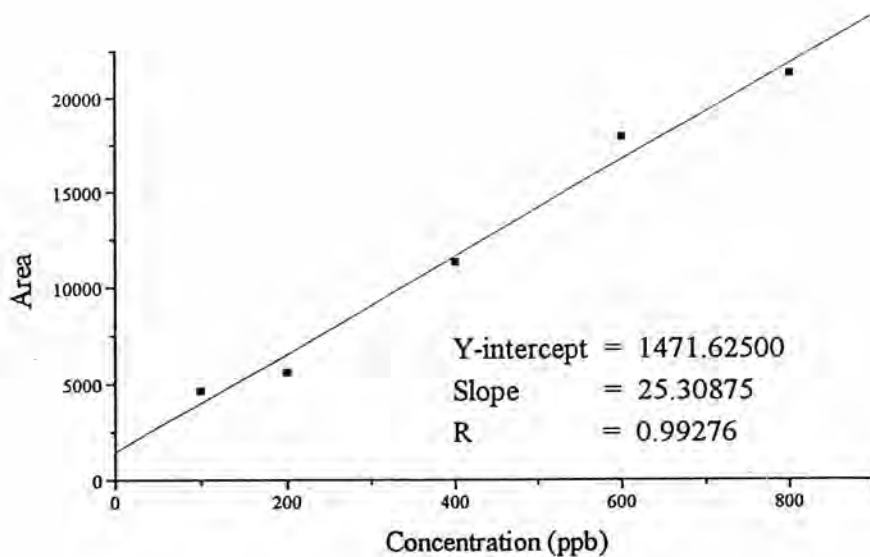


Figure B-23 The calibration curve of Flt by the HPLC conditions in Table 4.1.

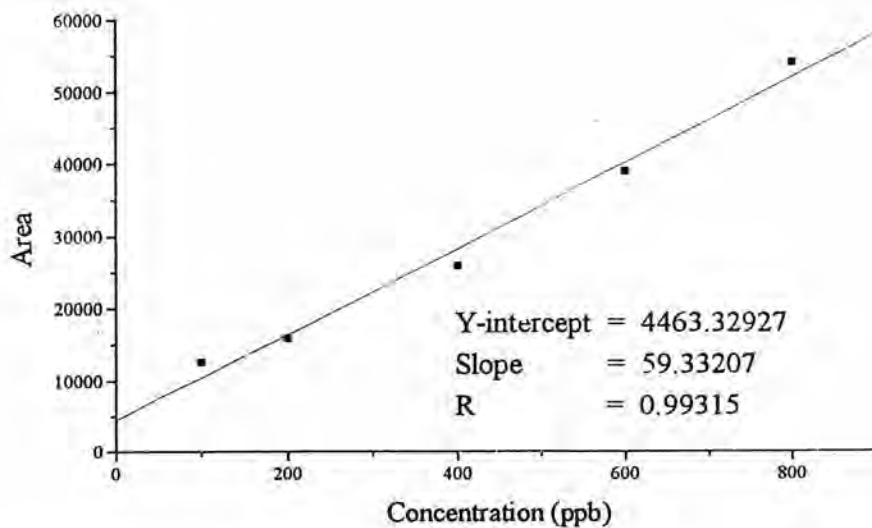


Figure B-24 The calibration curve of Pyr by the HPLC conditions in Table 4.1.



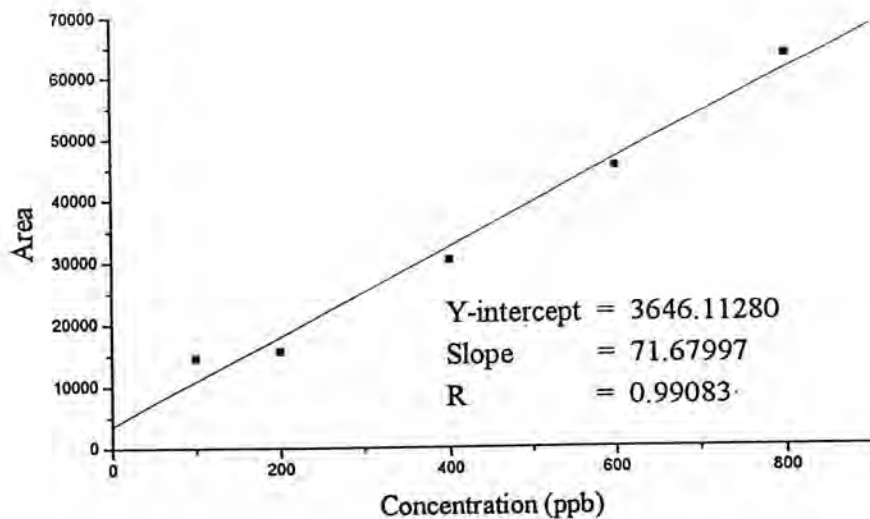


Figure B-25 The calibration curve of BaA by the HPLC conditions in Table 4.1.

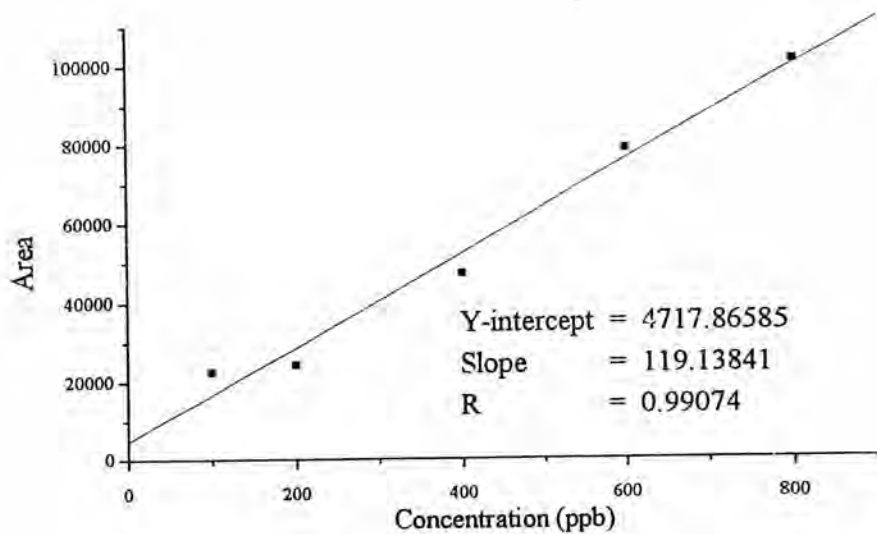


Figure B-26 The calibration curve of Chry by the HPLC conditions in Table 4.1.

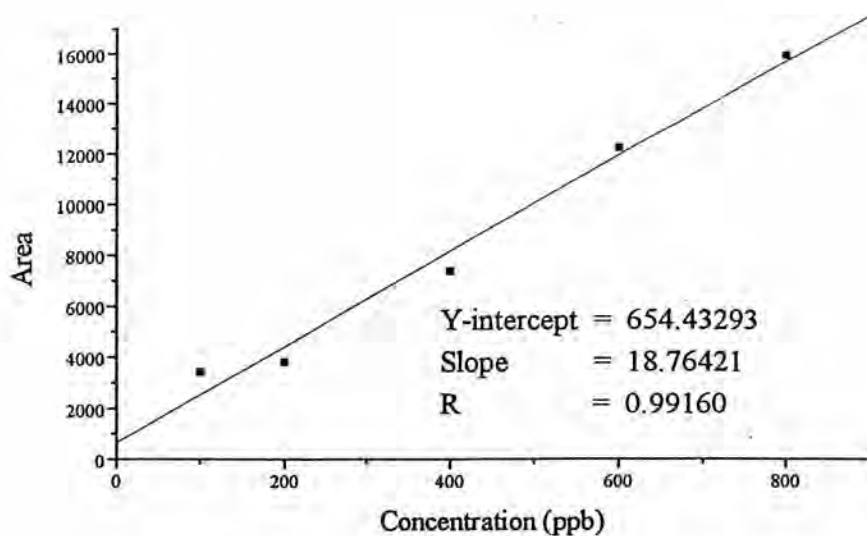


Figure B-27 The calibration curve of BbF by the HPLC conditions in Table 4.1.

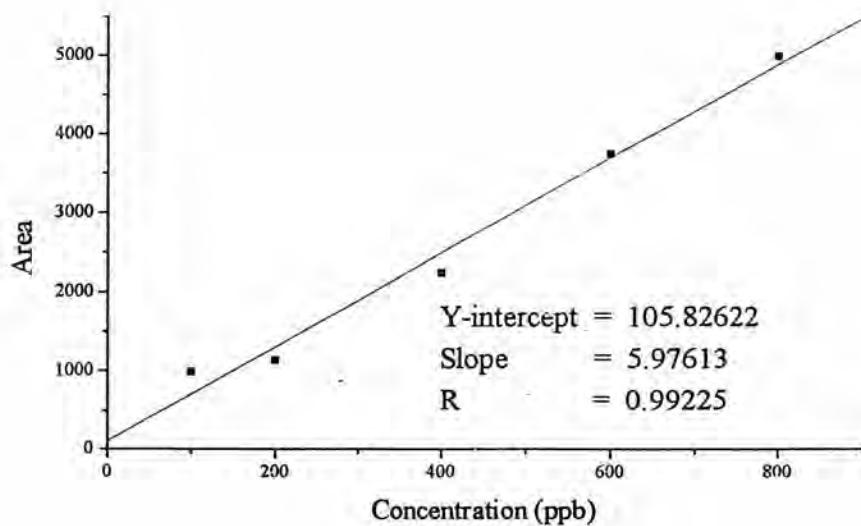


Figure B-28 The calibration curve of BkF by the HPLC conditions in Table 4.1.

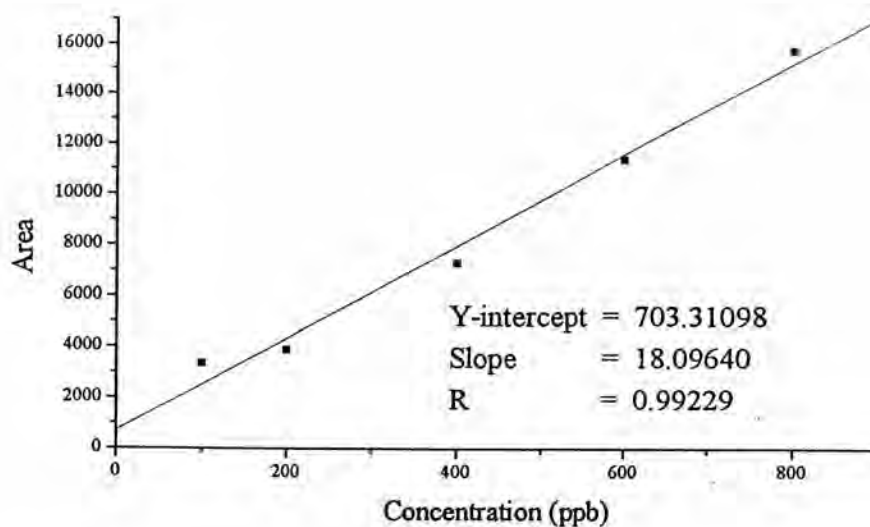


Figure B-29 The calibration curve of BaP by the HPLC conditions in Table 4.1.

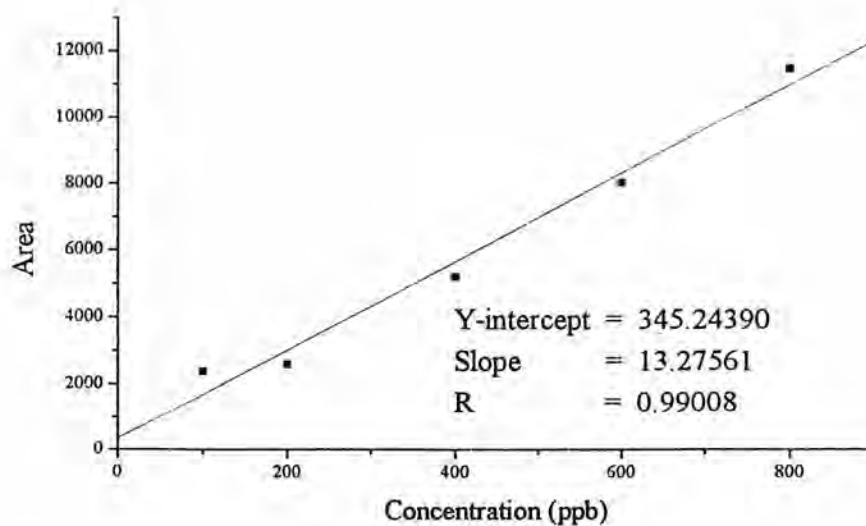


Figure B-30 The calibration curve of Dah by the HPLC conditions in Table 4.1.

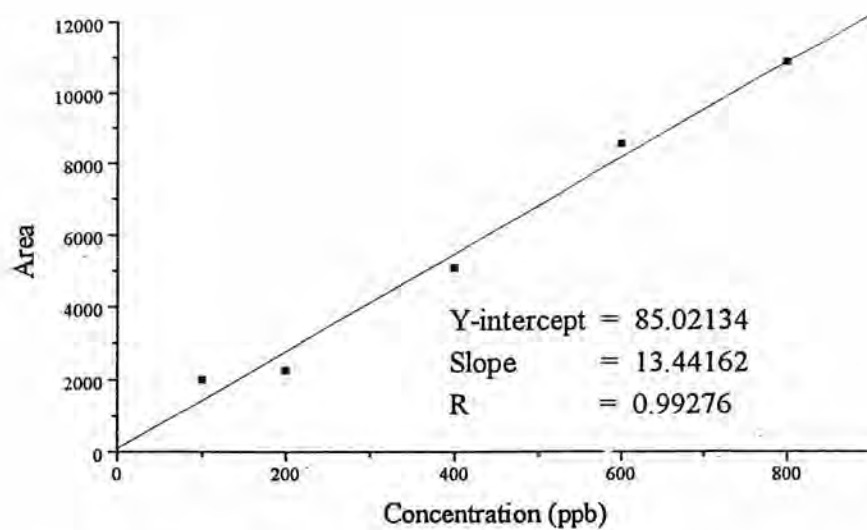


Figure B-31 The calibration curve of Bghi by the HPLC conditions in Table 4.1.

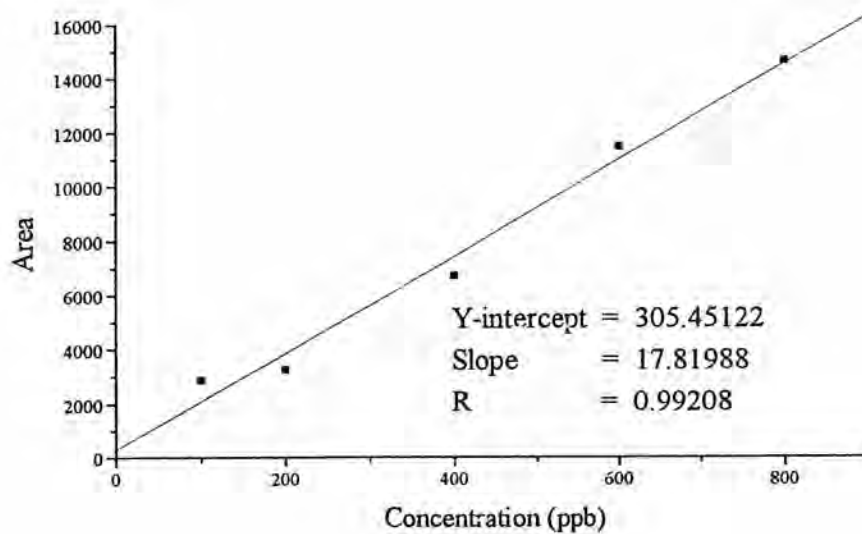


Figure B-32 The calibration curve of Ind by the HPLC conditions in Table 4.1.

## VITA

Miss Suchada Chimam was born on October 26, 1973 at Chulalongkorn Hospital, Bangkok. She received a Bachelor Degree of Science in Chemistry (second class honours) from Faculty of Science, Chulalongkorn University in 1995. After that, she started to study in Graduate School, Chulalongkorn University for the Master Degree of Science. She has been a graduate student studying Analytical Chemistry in Chulalongkorn University.