

Anthias Consulting Ltd are experts in the analytical science fields of **Gas Chromatography** (GC, GCxGC), **Liquid Chromatography** (HPLC, UHPLC, LCxLC, SFC, IC, SEC), **Mass Spectrometry** (GC-MS, LC-MS, ICP-MS, SFC-MS, incl. MS/MS), **Molecular Spectroscopy** (FTIR, NIR, UV-Vis), **Elemental Analysis** (AAS, AES, ICP-OES, CHNS), **Molecular Imaging** (MSI, DESI-MS, MALDI-TOF, IMS-MS, DART-MS), **Surface Analysis** (SEM, XRF, XAS), **Structural Analysis** (XRD), **Particle Size Analysis** (LDA), **Water Content Analysis** (KF), **Thermal Analysis** (DSC, TGA, EGA), **Statistical Analysis** (Chemometrics, Metabolomics), **Method Validation** & many more related techniques & methods.

Courses	Day*	Price†	Jan	Feb	Mar	Apr	May	Jun
<b>Gas Chromatography (GC) &amp; GC-MS (Mass Spectrometry) training courses</b>								
Absolute Basics GC & GC-MS	1	£385	24					6
Complete GC & GC-MS	5	£1,675			31			
Practical Essentials of GC & GC-MS	3	£1,100			31			
The GC & GC-MS Clinic	2	£750				3		
Applied Interpretation of GC-MS Mass Spectra	3	£1,375			26			
Hands-on GC & GC-MS	5	£2,850	27		24			9
Hands-on GC Sustainability & Health Check	1	£650					29	
Practical Essentials of Advanced Injection for GC & GC-MS	1	£385			14			
Hands-on Advanced Injection for GC & GC-MS	2	£1,250	15					
Multi-Mode Inlets (MMIs) & Programmable Temperature Vaporisers (PTVs)	1	£650	15					
Large Volume Injection (LVI)	1	£650	16					
Comprehensive GC Software (Shimadzu GCsolution)	2	£1,050			24			
Comprehensive GC (Agilent GC with OpenLAB CDS)	4	£1,990			10			
Comprehensive GC Software (Agilent OpenLAB ChemStation)	2	£1,050				28		
Comprehensive GC-MS (Thermo SQMS with Chromeleon)	4	£1,990						
Comprehensive GC-MS (Agilent SQMS with MSD ChemStation)	4	£1,990					20	
Comprehensive GC-MS (Agilent SQMS with MassHunter)	5	£2,425						16
Comprehensive GC-MS Software (Agilent QQQMS with MassHunter)	3	£1,550						3
Comprehensive GC-MS Advanced (Agilent QQQMS with MassHunter)	1	£550						26
<b>High-Performance Liquid Chromatography (HPLC) &amp; LC-MS (Mass Spectrometry) training courses</b>								
Absolute Basics of HPLC & LC-MS	1	£385	17				9	
Absolute Basics of Ion Chromatography (IC)	1	£385	21					
Absolute Basics of Size Exclusion Chromatography (SEC)	1	£385			7			
Complete HPLC & LC-MS	5	£1,675				28		
Practical Essentials of HPLC & LC-MS	3	£1,100				28		
The HPLC & LC-MS Clinic	2	£750					1	
Hands-on HPLC & LC-MS	5	£2,850	20				12	
Applied Interpretation of LC-MS Mass Spectra	3	£1,375		24				
Comprehensive LC (Shimadzu with LabSolution)	4	£1,990						
Comprehensive LC-MS Software (Agilent SQMS with MassHunter)	3	£1,550					7	
<b>Spectroscopy training courses</b>								
Applied FTIR (Fourier Transform InfraRed) Spectroscopy	1	£485		27				
Hands-on FTIR Spectroscopy	2	£1,250					15	
Hands-on UV-Vis Spectroscopy	1	£650						30

Courses	Day*	Price†	Jan	Feb	Mar	Apr	May	Jun
<b>Inductively-Coupled Plasma (ICP) training courses</b>								
Absolute Basics of ICP-OES & ICP-MS	1	£385					7	
Applied ICP-OES (Optical Emission Spectroscopy)	1	£485						27
Applied ICP-MS	1	£485			14			
Hands-on ICP-MS	2	£1,250	27					
Comprehensive ICP-MS Software (Agilent SOMS with MassHunter)	2	£1,050						19
<b>Sample Preparation training courses</b>								
Practical Essential of:	3.25h*	£195				22		
Hands-on:	1	£650						
Liquid-Liquid Extraction (LLE)						22		
Derivatisation						22		
Solid-Phase Extraction (SPE)						23		
Solid-Phase Micro-Extraction (SPME)						23		
Headspace (HS)						24		
Purge-and-Trap (P&T)						24		
Thermal Desorption (TD)						25		
Pyrolysis (Py)						25		
<b>Statistical Analysis training courses</b>								
Absolute Basics of Metabolomics	1	£385						25
Absolute Basics of Chemometrics	1	£385		14				
<b>Analytical Methods training courses</b>								
Applied Method Validation	1	£485		10				
<b>Mass Spectrometry training courses</b>								
Absolute Basics of Matrix-Assisted Laser Desorption/Ionisation Time-of-Flight (MALDI-TOF)	1	£385						23
Absolute Basics of Mass Spectrometry Imaging (MSI)	1	£385						24
Applied Interpretation of GC-MS Mass Spectra	3	£1,375			26			
Applied Interpretation of LC-MS Mass Spectra	3	£1,375		24				
Absolute Basics of Deconvolution	1	£385					14	
Comprehensive Deconvolution Software (NIST AMDIS)	2	£1,050		25				

### Course approval

The majority of our training courses have been approved by the Royal Society of Chemistry (RSC) for continuing professional development (CPD) under their training course approval scheme.

### Virtual training

Our live virtual classroom courses offer a fully interactive experience, with the presentation, HD video feed of the trainer and Q&A box all in one view. Through tools and drawing controls, attendees can interact with the trainer and ask questions at any time, either using microphone or chat box.

### Face-to-face training

Our classroom-based courses make use of 'props' (instrument parts and consumables) for you to handle alongside questions, tasks, case studies or demonstrations throughout the courses and we endeavour to include a lab tour where possible.

### Hands-on training

Our "hands-on" courses all have 50% of the time spent in the laboratory using the instrumentation. A maximum of 5 delegates ensures the needs of every individual are met through focused support.



APPROVED TRAINING



\*Hours reference virtual (online) courses. †All prices quoted are excluding VAT.  
Note: Where courses cover multiple days, the date shown is the first day of the course.

[www.anthias.co.uk](http://www.anthias.co.uk)