Britti Scientific®
An ISO 9001:2015 and ISO/IEC 17025:2017 Certified Company.

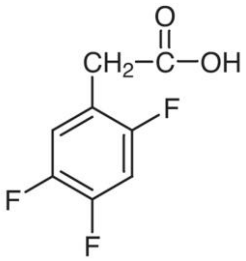
Certificate of Analysis.

2,4,5-Trifluorobenzeneacetic Acid.

Product code:	**BS14020.**
Description:	**2,4,5-Trifluorobenzeneacetic Acid.**
Chemical Name:	**(2,4,5-Trifluorophenyl)acetic Acid.**
Pack:	**5 gm.**
CAS NO.:	**209995-38-0.**
Mol. Weight:	**190.12 g/mol.**
Mol. Formula:	**$C_8H_5F_3O_2$.**
MDL Number:	**MFCD00082479.**
Melting Point:	**123 °C.**
Boiling Point:	**255 °C.**
Density:	**1.468 g/cm^3.**
Solubility:	**Soluble in methanol.**
Storage:	**Store at ambient temperature.**
LOT NO.:	**BS14020/01.**
Manufacture Date:	**08/08/2023.**
Expiry Date:	**08/08/2026.**

Test	Specification	Measured Values
Appearance:	Pale yellow Solid.	**Pale yellow Solid.**
Identification by NMR:	Confirms to the structure.	**Confirms to the structure.**
Identification by MASS:	Confirms to the structure.	**Confirms to the structure.**
Purity by HPLC:	>95%.	**99.96%.**

Please Note: - This material is only for laboratory purpose and not for human consumption. This is a computer generated COA, no stamp or signature is required.



Dr. K. Deepti.
Technical Head.

USA: #1004, Boston, Massachusetts, 02116, United States. **India:** Jeedimetla, Hyderabad-500 055, Telangana.
www.britiscientific.com

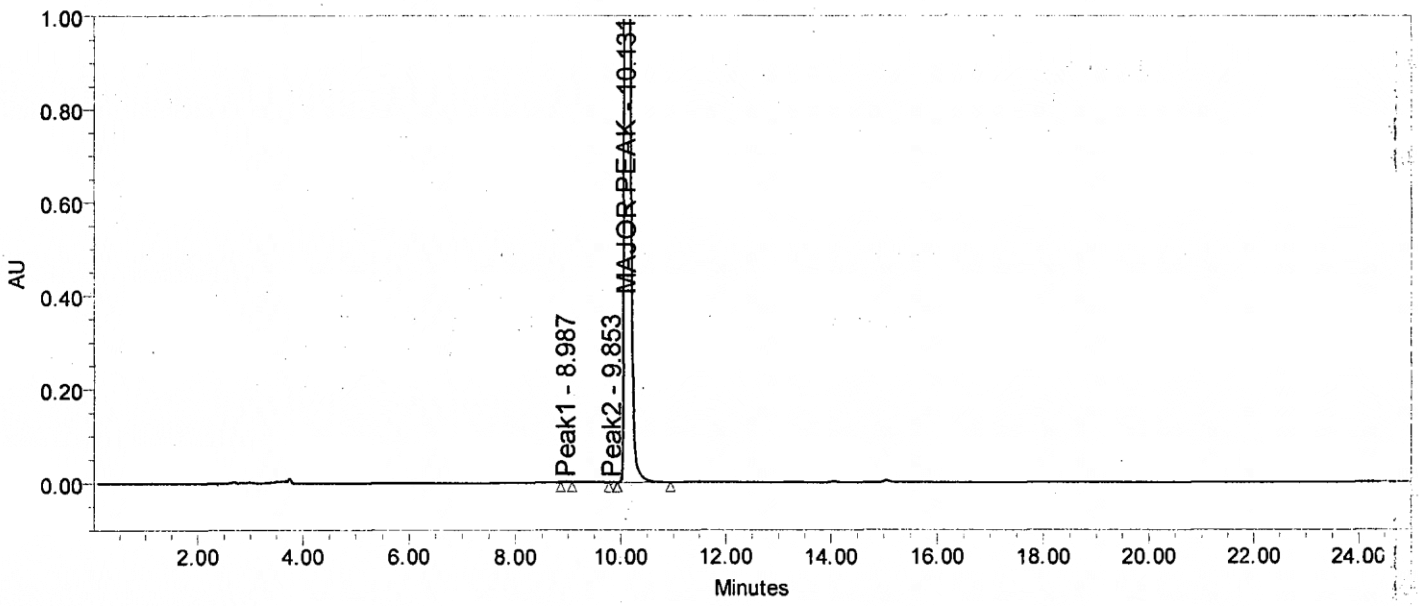
Empower 2 software

HPLC Report G

SAMPLE INFORMATION

Sample Name:	BS14020/01	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	090823_2
Vial:	13	Acq. Method Set:	AMD_INST_METH
Injection #:	1	Processing Method:	AMD_PROCESS
Injection Volume:	10.00 ul	Channel Name:	271.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 271.0 nm
Date Acquired:	8/9/2023 1:28:26 PM IST		
Date Processed:	8/9/2023 2:27:52 PM IST		

Column :Inertsil ODS C18 250 x4.6mm, 5um
Buffer-A : 0.01M KH2PO4 in Water pH 3.0 with OPA, Sol (B): Acetonitrile
Gradient Prog : Time/%B: 0/20,3/20,8/80,18/80,20/25,25/25
Flow : 1.0ml/min; Sample Prep: mg/ml in MeoH



	Peak Name	RT	Area	% Area	RT Ratio
1	Peak1	8.987	3776	0.02	0.887
2	Peak2	9.853	3877	0.02	0.973
3	MAJOR PEAK	10.131	18433121	99.96	1.000

Analysed By:

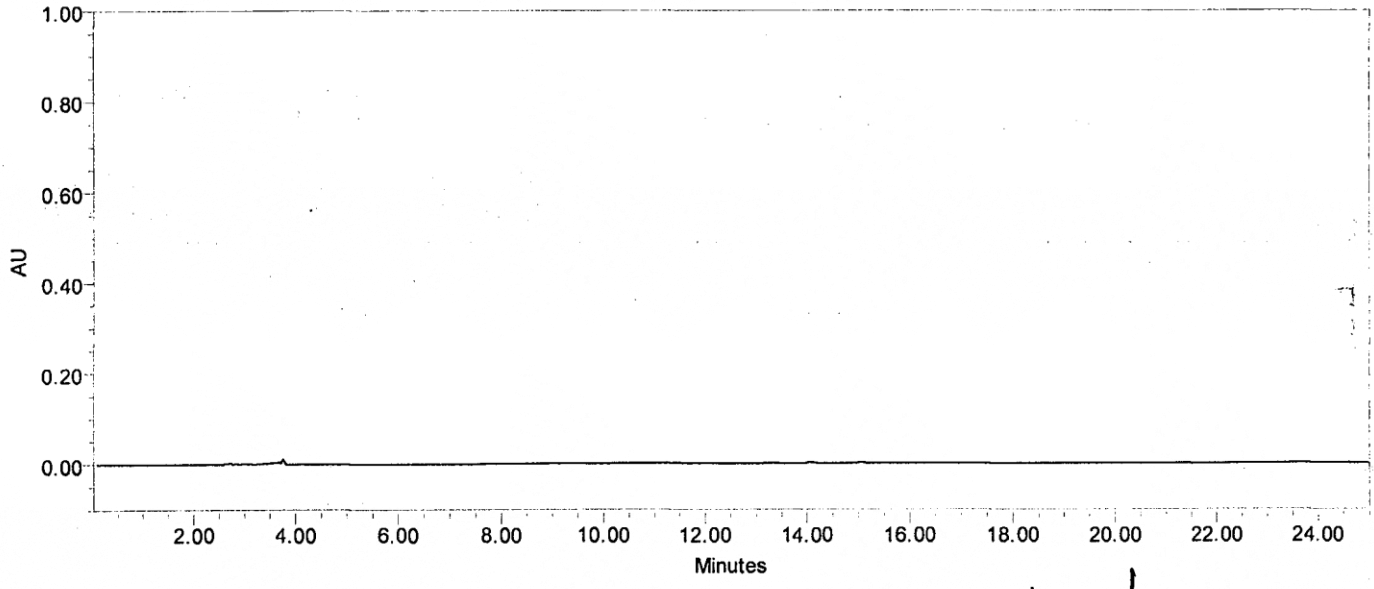
Empower 2 software

HPLC Report G

SAMPLE INFORMATION

Sample Name:	BLANK	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	090823_2
Vial:	14	Acq. Method Set:	AMD_INST_METH
Injection #:	1	Processing Method:	AMD_PROCESS
Injection Volume:	10.00 ul	Channel Name:	271.0nm
Run Time:	25.0 Minutes	Proc. Chnl. Descr.:	PDA 271.0 nm
Date Acquired:	8/9/2023 1:54:39 PM IST		
Date Processed:	8/9/2023 2:26:54 PM IST		

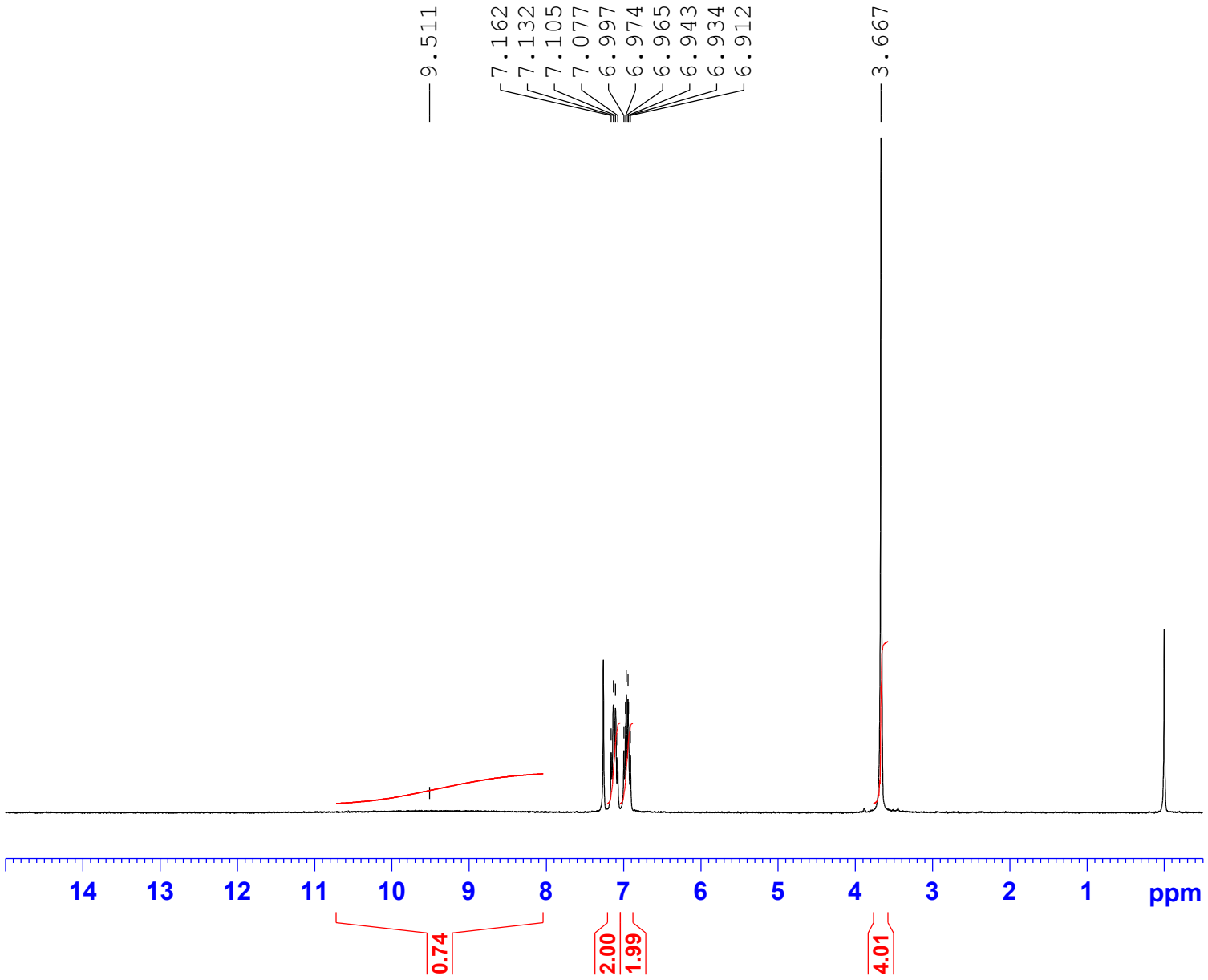
Column :Inertsil ODS C18 250 x4.6mm, 5um
Buffer-A : 0.01M KH2PO4 in Water pH 3.0 with OPA, Sol (B): Acetonitrile
Gradient Prog : Time/%B: 0/20,3/20,8/80,18/80,20/25,25/25
Flow : 1.0ml/min; Sample Prep: mg/ml in MeoH



9/8/23
Analysed By:

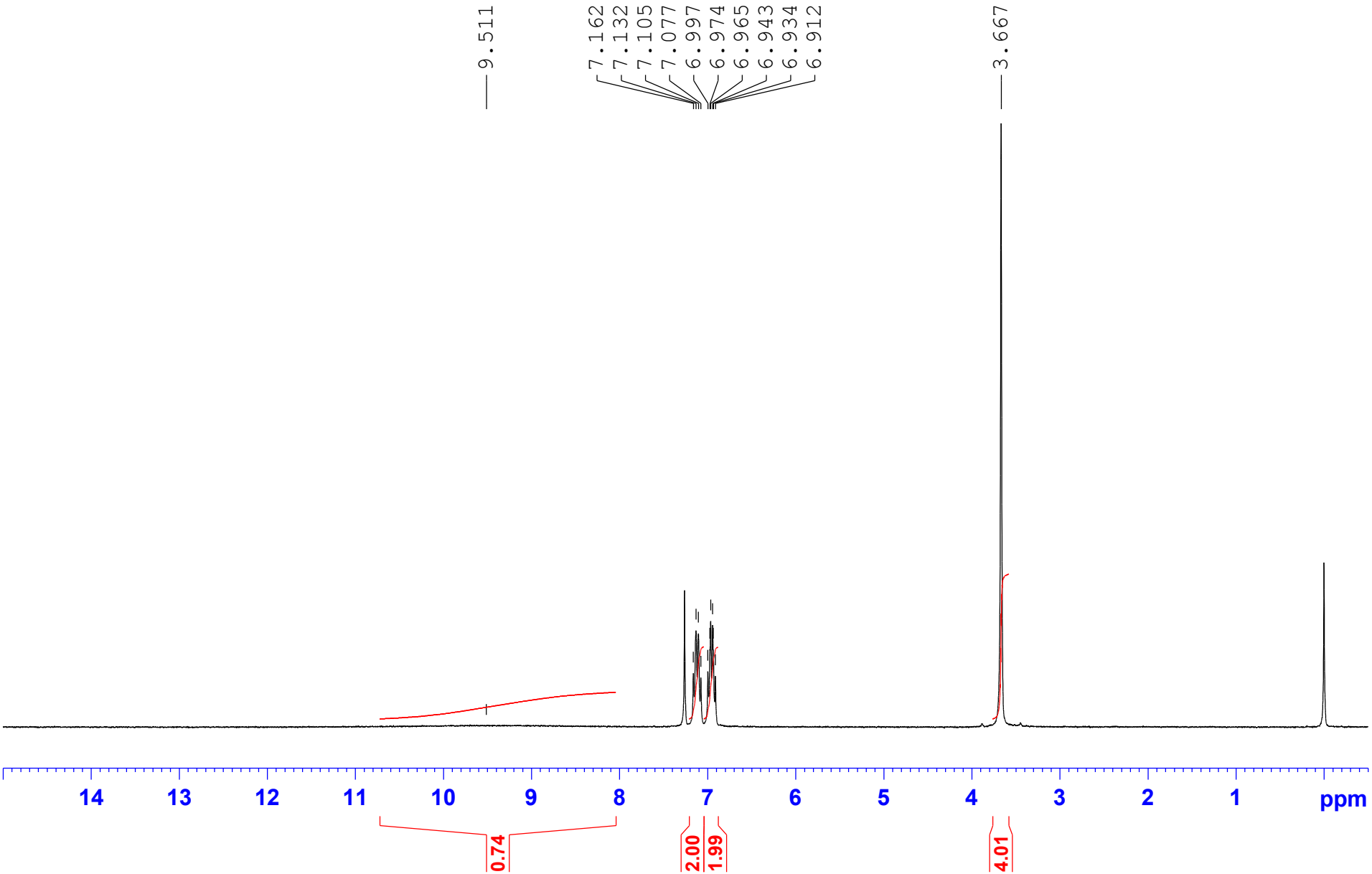
1

Briti Scientific
BS14020#BS14020/01,1H-CDCl3
080823007



NAME	Briti
EXPNO	4
PROCNO	1
Date_	20230808
Time	16.50
INSTRUM	spect
PROBHD	5 mm DUL 13C-1
PULPROG	zg30
TD	65536
SOLVENT	CDCl3
NS	32
DS	0
SWH	10190.218 Hz
FIDRES	0.155490 Hz
AQ	3.2156830 sec
RG	2050
DW	49.067 usec
DE	6.50 usec
TE	300.0 K
D1	1.00000000 sec
TD0	1
======== CHANNEL f1 ========	
NUC1	1H
P1	14.00 usec
PL1	6.00 dB
PL1W	2.77621222 W
SFO1	300.1318534 MHz
SI	32768
SF	300.1300076 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00

Briti Scientific
BS14020#BS14020/01,1H-CDCl3
080823007



Briti Scientific
BS14020#BS14020/01,1H-CDCl3
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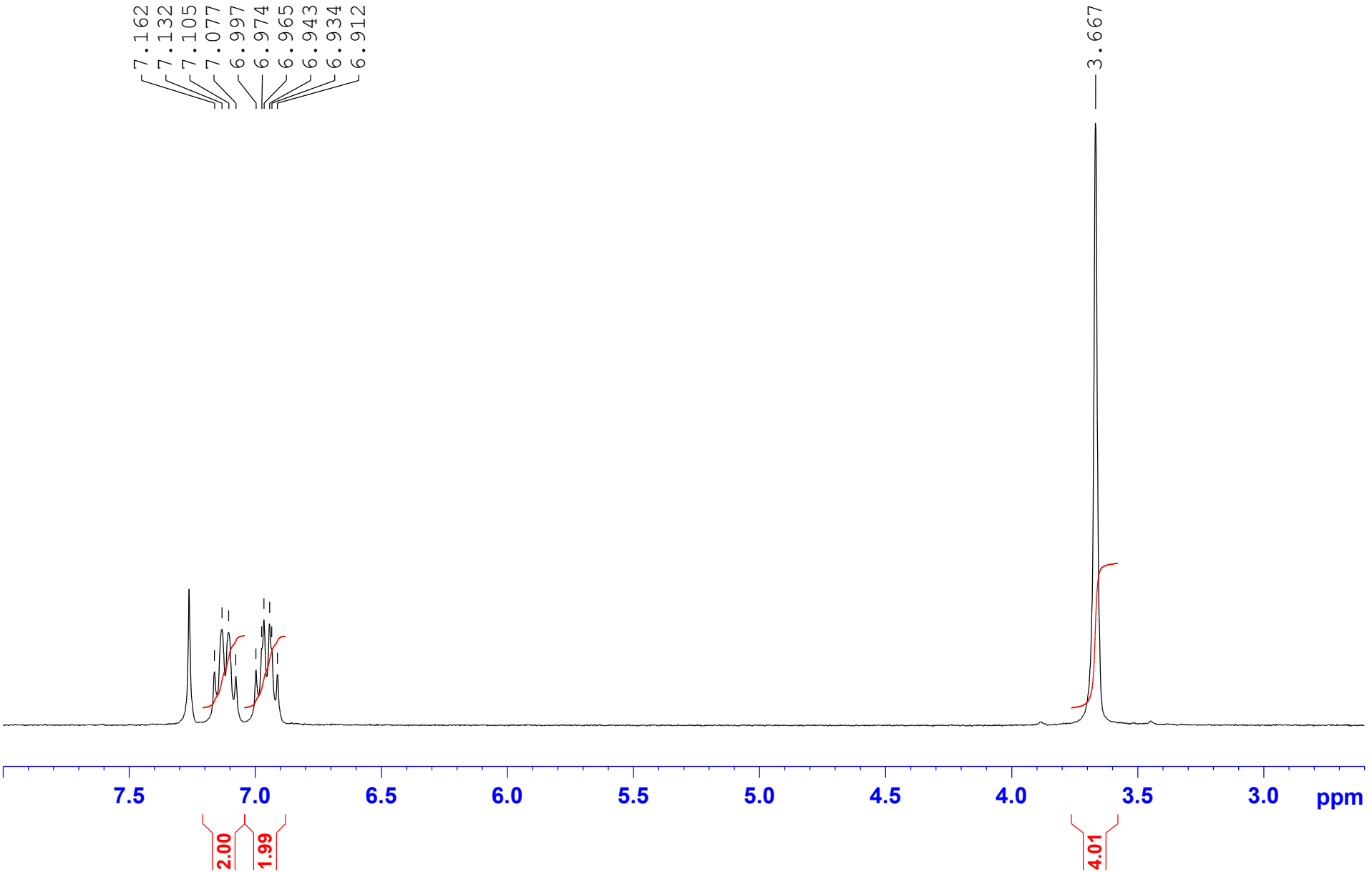


vial position :61

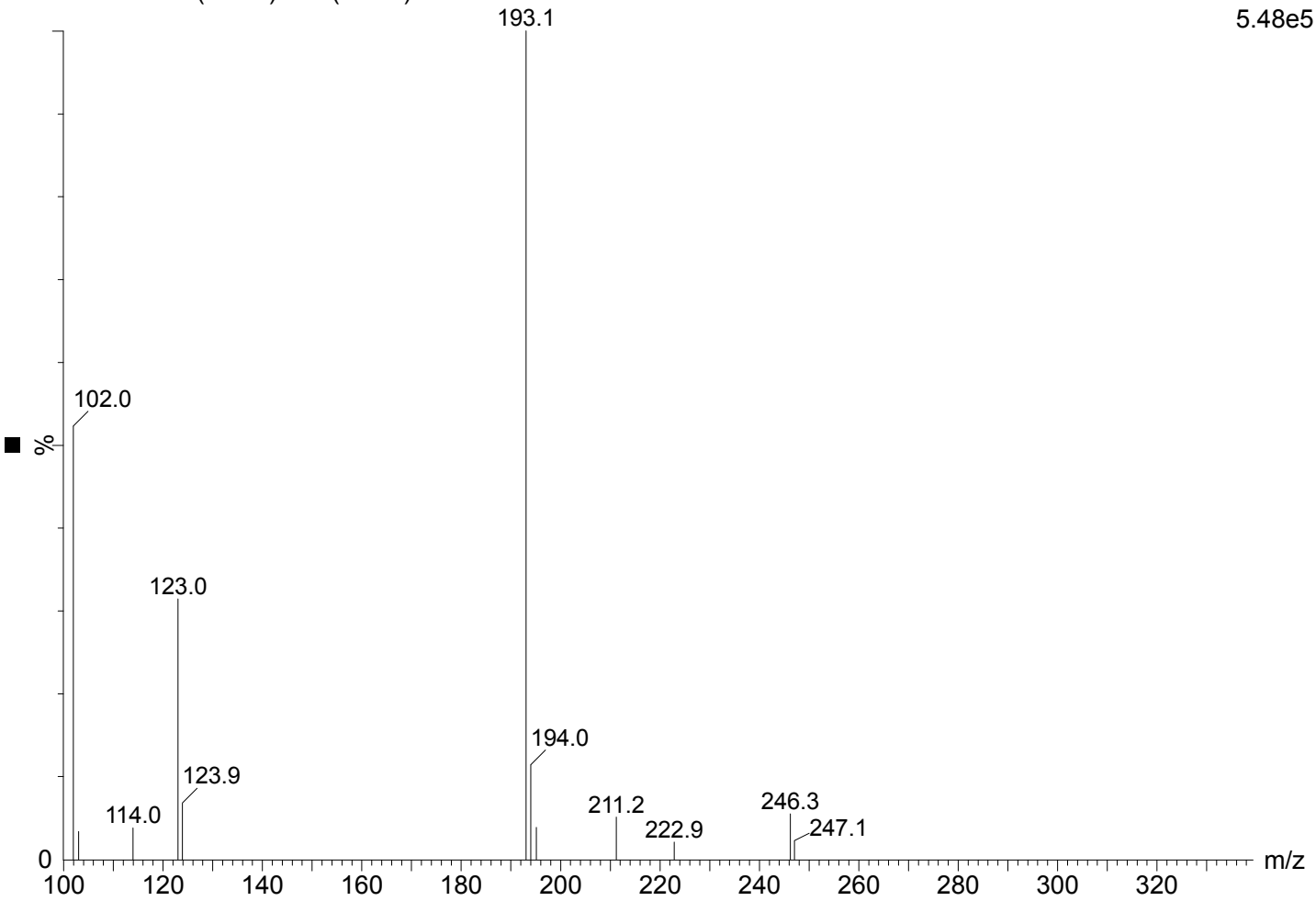
Instrument Name:SA/AD/INS/015

08-Aug-202319:04:25

BS14020-01- 12 (0.380) Cm (10:17)

3: Scan ES+

5.48e5



BS14020-01- 10 (0.295) Cm (9:21)

1: Scan ES-

1.41e5