Semi Weekly Report July 12th, 2022

Reactions done:

1. Alkylation of pentyptycene hydroquinone

2. Bromination of Dibutylether Pentiptycene

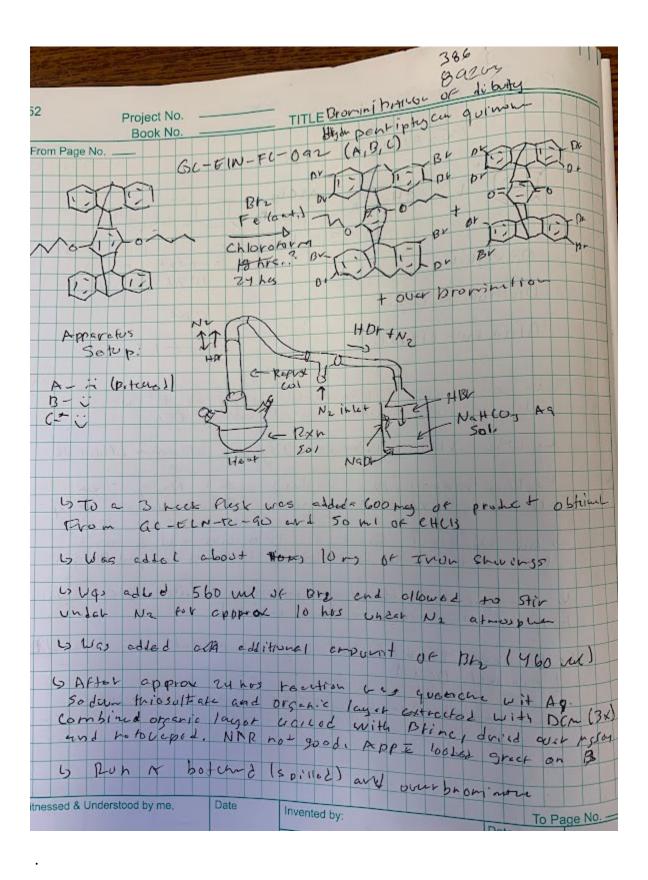
3. FC reaction of o-xyelene with DCM (synthesis of 1,2,7,8-tetramethylanthracene)

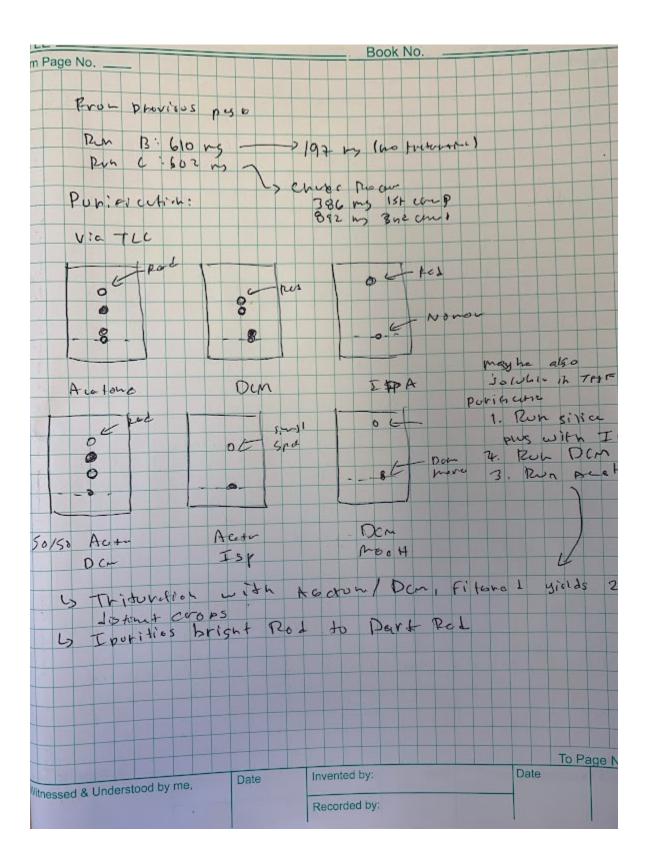
Reactions to be done:

- 1. N-methyl isoindole DA
- 2. Carboxytrip/amine coupling

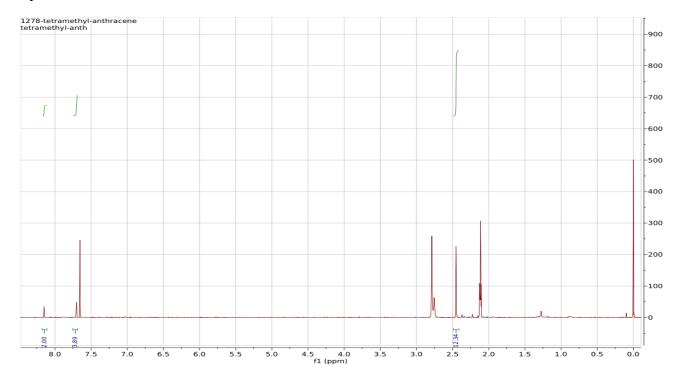
Notebook pages:

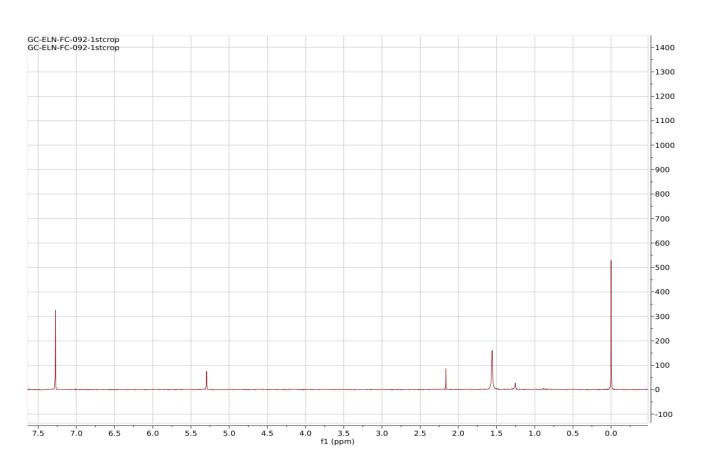
| | | Project No. | |
|----------------------------|------------|---|----------------|
| LE FC reaction for 1, | 2,7,8 | Project No | |
| m Page No | | | 6-29- |
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| nessed & Understood by me, | Date | Invented by: | Date |

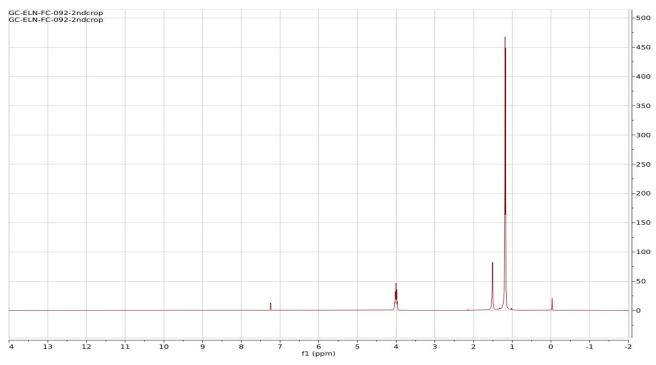




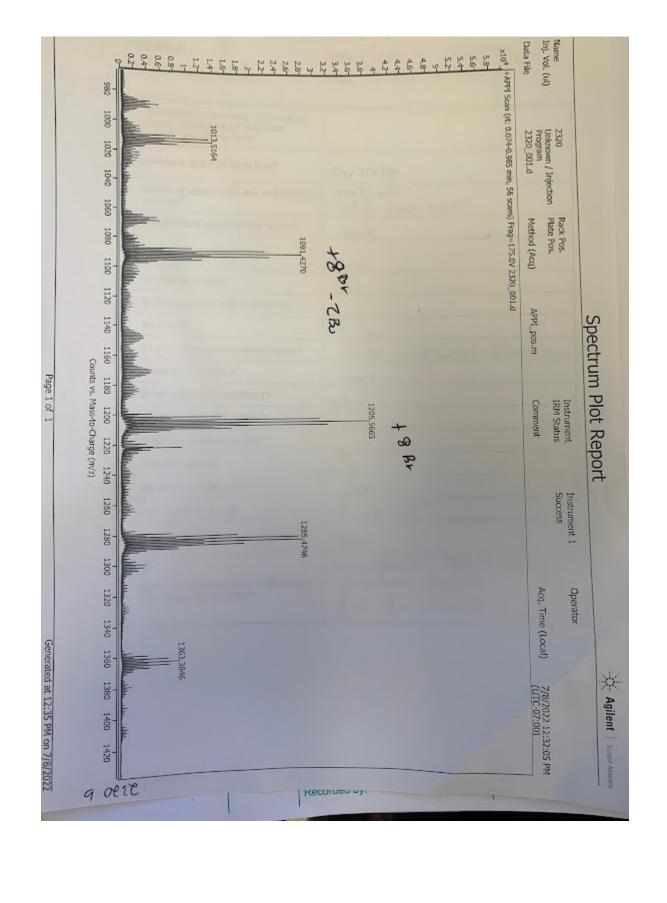
Spectra:

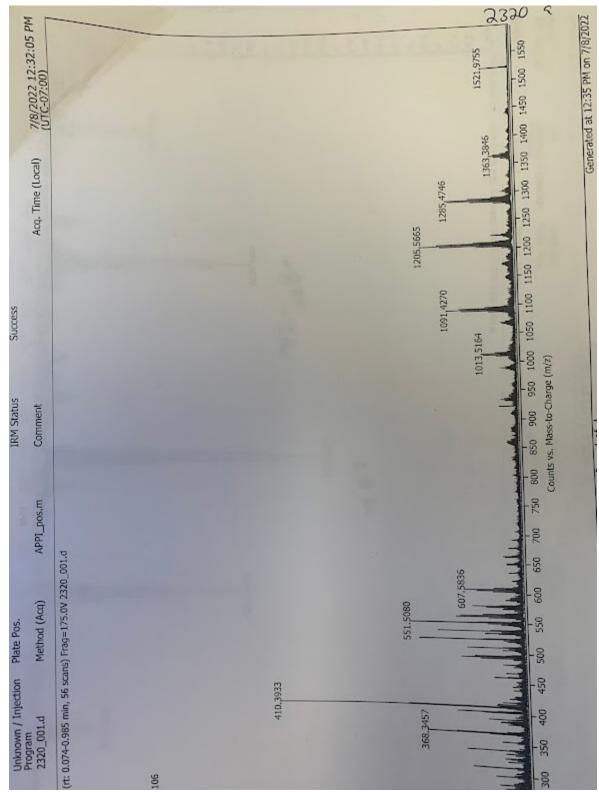






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Weekly inspection:

King Group

Individual Weekly Inspection

Name: Gabriel Gabrera Date: Today! (7-11-22)

| 1. | Poned by A. | |
|-----|---|---|
| | Report has (a) summary, (b) notebook pages, (c)supporting + reference spectra, and (d) this form? | |
| 2. | Notebook and TOC up to date? | Partioller |
| 3. | Notebook scans, data, and metadata are archived? | gos, her wire |
| 4. | All containers and reactions labeled? | 905 |
| 5. | All samples correctly labeled? | 4365 |
| 6. | All volatiles capped? | 90 |
| 7. | All flammables stored in cabinets? | 465 |
| 8. | No clutter? | Some |
| 9. | All glassware washed and put away? | Some will wash former ou |
| 10. | Floors and aisle clear? | y63 |
| 11: | Secondary spill containment? | 903 |
| 12. | Hoses secured with clamps? | yes - |
| 13. | Is all waste properly stored? | ges |
| 14. | Cylinders secure? | 95 |
| 15. | Manifold operating pressure: | 600 |
| 16. | Date of last oil change: | 5-16-22 |
| 17. | Did you always wear appropriate PPE? | 967 |
| 18. | Aside from assigned jobs, what did you do to make the lab better? | Regalables THF Still mapped FLOORS Got No tenks |