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**Hit Summary Sheet**  
**SW-846**

**SDG No.:** Q2825  
**Client:** G Environmental

| Sample ID            | Client ID | Matrix | Parameter | Concentration | C    | MDL | RDL | Units |
|----------------------|-----------|--------|-----------|---------------|------|-----|-----|-------|
| Client ID :          |           |        |           | 0.000         |      |     |     |       |
| Total Svoc :         |           |        |           |               | 0.00 |     |     |       |
| Total Concentration: |           |        |           |               | 0.00 |     |     |       |

## Report of Analysis

|                    |                       |                 |                |
|--------------------|-----------------------|-----------------|----------------|
| Client:            | G Environmental       | Date Collected: | 08/10/25       |
| Project:           | DeCamp                | Date Received:  | 08/11/25       |
| Client Sample ID:  | TW1                   | SDG No.:        | Q2825          |
| Lab Sample ID:     | Q2825-01              | Matrix:         | Water          |
| Analytical Method: | SW8270ESIM            | % Solid:        | 0              |
| Sample Wt/Vol:     | 990      Units:    mL | Final Vol:      | 1000      uL   |
| Soil Aliquot Vol:  | uL                    | Test:           | SVOC-SIMGroup1 |
| Extraction Type :  | Decanted :    N       | Level :         | LOW            |
| Injection Volume : | GPC Factor :    1.0   | GPC Cleanup :   | N      PH :    |
| Prep Method :      |                       |                 |                |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BN037595.D        | 1         | 08/12/25 08:52 | 08/13/25 14:45 | PB169222      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units    |
|---------------------------|-------------------------|-------|-----------|---------------------|------------|----------|
| <b>TARGETS</b>            |                         |       |           |                     |            |          |
| 56-55-3                   | Benzo(a)anthracene      | 0.040 | U         | 0.040               | 0.10       | ug/L     |
| 205-99-2                  | Benzo(b)fluoranthene    | 0.040 | U         | 0.040               | 0.10       | ug/L     |
| 207-08-9                  | Benzo(k)fluoranthene    | 0.050 | U         | 0.050               | 0.10       | ug/L     |
| 50-32-8                   | Benzo(a)pyrene          | 0.040 | U         | 0.040               | 0.10       | ug/L     |
| 191-24-2                  | Benzo(g,h,i)perylene    | 0.040 | U         | 0.040               | 0.10       | ug/L     |
| <b>SURROGATES</b>         |                         |       |           |                     |            |          |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.21  |           | 30 (20) - 150 (139) | 53%        | SPK: 0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.35  |           | 30 (54) - 150 (157) | 88%        | SPK: 0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.43  |           | 30 (27) - 130 (154) | 107%       | SPK: 0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.13  |           | 30 (30) - 130 (155) | 31%        | SPK: 0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.44  |           | 30 (54) - 130 (175) | 109%       | SPK: 0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |                     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 1980  |           | 7.717               |            |          |
| 1146-65-2                 | Naphthalene-d8          | 5790  |           | 10.498              |            |          |
| 15067-26-2                | Acenaphthene-d10        | 4190  |           | 14.345              |            |          |
| 1517-22-2                 | Phenanthrene-d10        | 7070  |           | 17.086              |            |          |
| 1719-03-5                 | Chrysene-d12            | 6070  |           | 21.277              |            |          |
| 1520-96-3                 | Perylene-d12            | 5490  |           | 23.51               |            |          |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



# SAMPLE DATA



# QC SUMMARY

## Surrogate Summary

SW-846

SDG No.: Q2825

Client: G Environmental

Analytical Method: 8270-Modified

| Lab Sample ID | Client ID   | Parameter               | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) |           |
|---------------|-------------|-------------------------|-------------|--------------|--------------|------|------------|-----------|
|               |             |                         |             |              |              |      | Low        | High      |
| PB169222BL    | PB169222BL  | 2-Methylnaphthalene-d10 | 0.4         | 0.32         | 80           |      | 30 (20)    | 150 (139) |
|               |             | Fluoranthene-d10        | 0.4         | 0.32         | 81           |      | 30 (54)    | 150 (157) |
|               |             | Nitrobenzene-d5         | 0.4         | 0.34         | 86           |      | 30 (27)    | 130 (154) |
|               |             | 2-Fluorobiphenyl        | 0.4         | 0.35         | 86           |      | 30 (30)    | 130 (155) |
|               |             | Terphenyl-d14           | 0.4         | 0.38         | 94           |      | 30 (54)    | 130 (175) |
| PB169222BS    | PB169222BS  | 2-Methylnaphthalene-d10 | 0.4         | 0.34         | 84           |      | 30 (20)    | 150 (139) |
|               |             | Fluoranthene-d10        | 0.4         | 0.30         | 75           |      | 30 (54)    | 150 (157) |
|               |             | Nitrobenzene-d5         | 0.4         | 0.34         | 84           |      | 30 (27)    | 130 (154) |
|               |             | 2-Fluorobiphenyl        | 0.4         | 0.36         | 89           |      | 30 (30)    | 130 (155) |
|               |             | Terphenyl-d14           | 0.4         | 0.37         | 93           |      | 30 (54)    | 130 (175) |
| PB169222BSD   | PB169222BSD | 2-Methylnaphthalene-d10 | 0.4         | 0.35         | 88           |      | 30 (20)    | 150 (139) |
|               |             | Fluoranthene-d10        | 0.4         | 0.32         | 80           |      | 30 (54)    | 150 (157) |
|               |             | Nitrobenzene-d5         | 0.4         | 0.36         | 91           |      | 30 (27)    | 130 (154) |
|               |             | 2-Fluorobiphenyl        | 0.4         | 0.39         | 97           |      | 30 (30)    | 130 (155) |
|               |             | Terphenyl-d14           | 0.4         | 0.41         | 101          |      | 30 (54)    | 130 (175) |
| Q2825-01      | TW1         | 2-Methylnaphthalene-d10 | 0.4         | 0.21         | 53           |      | 30 (20)    | 150 (139) |
|               |             | Fluoranthene-d10        | 0.4         | 0.35         | 88           |      | 30 (54)    | 150 (157) |
|               |             | Nitrobenzene-d5         | 0.4         | 0.43         | 107          |      | 30 (27)    | 130 (154) |
|               |             | 2-Fluorobiphenyl        | 0.4         | 0.13         | 31           |      | 30 (30)    | 130 (155) |
|               |             | Terphenyl-d14           | 0.4         | 0.44         | 109          |      | 30 (54)    | 130 (175) |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

|                                       |                                                |
|---------------------------------------|------------------------------------------------|
| <b>SDG No.:</b> <u>Q2825</u>          | <b>Analytical Method:</b> <u>8270-Modified</u> |
| <b>Client:</b> <u>G Environmental</u> | <b>DataFile:</b> <u>BN037596.D</u>             |

| Lab Sample ID | Parameter            | Spike | Result | Unit | Rec | RPD | Qual | RPD  |         | Limits    |     |
|---------------|----------------------|-------|--------|------|-----|-----|------|------|---------|-----------|-----|
|               |                      |       |        |      |     |     |      | Qual | Low     | High      | RPD |
| PB169222BS    | Benzo(a)anthracene   | 0.4   | 0.34   | ug/L | 85  |     |      |      | 70 (54) | 130 (130) |     |
|               | Benzo(b)fluoranthene | 0.4   | 0.34   | ug/L | 85  |     |      |      | 70 (65) | 130 (121) |     |
|               | Benzo(k)fluoranthene | 0.4   | 0.32   | ug/L | 80  |     |      |      | 70 (72) | 130 (119) |     |
|               | Benzo(a)pyrene       | 0.4   | 0.36   | ug/L | 90  |     |      |      | 70 (68) | 130 (120) |     |
|               | Benzo(g,h,i)perylene | 0.4   | 0.37   | ug/L | 93  |     |      |      | 70 (76) | 130 (117) |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

|                                       |                                                |
|---------------------------------------|------------------------------------------------|
| <b>SDG No.:</b> <u>Q2825</u>          | <b>Analytical Method:</b> <u>8270-Modified</u> |
| <b>Client:</b> <u>G Environmental</u> | <b>DataFile:</b> <u>BN037597.D</u>             |

| Lab Sample ID | Parameter            | Spike | Result | Unit | Rec | RPD | Qual | RPD  |         | Limits    |         |
|---------------|----------------------|-------|--------|------|-----|-----|------|------|---------|-----------|---------|
|               |                      |       |        |      |     |     |      | Qual | Low     | High      | RPD     |
| PB169222BSD   | Benzo(a)anthracene   | 0.4   | 0.37   | ug/L | 93  | 8   |      |      | 70 (54) | 130 (130) | 20 (20) |
|               | Benzo(b)fluoranthene | 0.4   | 0.38   | ug/L | 95  | 11  |      |      | 70 (65) | 130 (121) | 20 (20) |
|               | Benzo(k)fluoranthene | 0.4   | 0.35   | ug/L | 88  | 9   |      |      | 70 (72) | 130 (119) | 20 (20) |
|               | Benzo(a)pyrene       | 0.4   | 0.39   | ug/L | 98  | 8   |      |      | 70 (68) | 130 (120) | 20 (20) |
|               | Benzo(g,h,i)perylene | 0.4   | 0.41   | ug/L | 103 | 10  |      |      | 70 (76) | 130 (117) | 20 (20) |

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB169222BL

Lab Name: Alliance

Contract: GENV01

Lab Code: ACE

SDG NO.: Q2825

Lab File ID: BN037589.D

Lab Sample ID: PB169222BL

Instrument ID: BNA\_N

Date Extracted: 08/12/2025

Matrix: (soil/water) Water

Date Analyzed: 08/13/2025

Level: (low/med) LOW

Time Analyzed: 11:05

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|-------------------|------------------|----------------|------------------|
| PB169222BS        | PB169222BS       | BN037596.D     | 08/13/2025       |
| TW1               | Q2825-01         | BN037595.D     | 08/13/2025       |
| PB169222BSD       | PB169222BSD      | BN037597.D     | 08/13/2025       |

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance  
Lab Code: ACE  
Lab File ID: BN037576.D  
Instrument ID: BNA\_N

Contract: GENV01  
SDG NO.: Q2825  
DFTPP Injection Date: 08/12/2025  
DFTPP Injection Time: 15:05

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 68  | Less than 2.0% of mass 69          | 0.0 ( 0.0 ) 1        |
| 69  | Mass 69 relative abundance         | 100                  |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.6 ) 1        |
| 197 | Less than 2.0% of mass 198         | 0.0                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 7.1                  |
| 365 | Greater than 1% of mass 198        | 3.9                  |
| 441 | Present, but less than mass 443    | 87.2                 |
| 442 | Greater than 50% of mass 198       | 100                  |
| 443 | 15.0 - 24.0% of mass 442           | 16.2 (19.2) 2        |

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| SSTDICC0.1        | SSTDICC0.1       | BN037578.D     | 08/12/2025       | 16:26            |
| SSTDICC0.2        | SSTDICC0.2       | BN037579.D     | 08/12/2025       | 17:03            |
| SSTDICCC0.4       | SSTDICCC0.4      | BN037580.D     | 08/12/2025       | 17:39            |
| SSTDICC0.8        | SSTDICC0.8       | BN037581.D     | 08/12/2025       | 18:16            |
| SSTDICC1.6        | SSTDICC1.6       | BN037582.D     | 08/12/2025       | 18:52            |
| SSTDICC3.2        | SSTDICC3.2       | BN037583.D     | 08/12/2025       | 19:29            |
| SSTDICC5.0        | SSTDICC5.0       | BN037584.D     | 08/12/2025       | 20:05            |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance  
Lab Code: ACE  
Lab File ID: BN037587.D  
Instrument ID: BNA\_N

Contract: GENV01  
SDG NO.: Q2825  
DFTPP Injection Date: 08/13/2025  
DFTPP Injection Time: 09:48

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 68  | Less than 2.0% of mass 69          | 0.0 ( 0.0 ) 1        |
| 69  | Mass 69 relative abundance         | 100                  |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.5 ) 1        |
| 197 | Less than 2.0% of mass 198         | 0.0                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.8                  |
| 365 | Greater than 1% of mass 198        | 3.9                  |
| 441 | Present, but less than mass 443    | 74.2                 |
| 442 | Greater than 50% of mass 198       | 100                  |
| 443 | 15.0 - 24.0% of mass 442           | 19 ( 21 ) 2          |

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| SSTDCCC0.4        | SSTDCCC0.4       | BN037588.D     | 08/13/2025       | 10:28            |
| PB169222BL        | PB169222BL       | BN037589.D     | 08/13/2025       | 11:05            |
| TW1               | Q2825-01         | BN037595.D     | 08/13/2025       | 14:45            |
| PB169222BS        | PB169222BS       | BN037596.D     | 08/13/2025       | 15:22            |
| PB169222BSD       | PB169222BSD      | BN037597.D     | 08/13/2025       | 15:58            |

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2825

Client ID : SSTDCCC0.4

Date Analyzed: 08/13/2025

Lab File ID: BN037588.D

Time Analyzed: 10:28

Instrument ID: BNA\_N

GC Column: ZB-GR ID: 0.25 (mm)

|                | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #   | IS3 (ANT)<br>AREA # | RT #   |
|----------------|---------------------|-------|---------------------|--------|---------------------|--------|
| 12 HOUR STD    | 2728                | 7.717 | 6843                | 10.50  | 3392                | 14.35  |
| UPPER LIMIT    | 5456                | 8.217 | 13686               | 10.998 | 6784                | 14.845 |
| LOWER LIMIT    | 1364                | 7.217 | 3421.5              | 9.998  | 1696                | 13.845 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 PB169222BL  | 2235                | 7.72  | 5344                | 10.50  | 2468                | 14.35  |
| 02 PB169222BS  | 3068                | 7.72  | 7591                | 10.50  | 3534                | 14.35  |
| 03 PB169222BSD | 2742                | 7.72  | 6598                | 10.50  | 3080                | 14.35  |
| 04 TW1         | 1978                | 7.72  | 5793                | 10.50  | 4192                | 14.35  |

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.

\* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2825

Client ID: SSTDCCC0.4

Date Analyzed: 08/13/2025

Lab File ID: BN037588.D

Time Analyzed: 10:28

Instrument ID: BNA\_N

GC Column: ZB-GR ID: 0.25 (mm)

|                | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|----------------|---------------------|--------|---------------------|--------|---------------------|--------|
| 12 HOUR STD    | 6530                | 17.086 | 6467                | 21.268 | 5771                | 23.505 |
| UPPER LIMIT    | 13060               | 17.586 | 12934               | 21.768 | 11542               | 24.005 |
| LOWER LIMIT    | 3265                | 16.586 | 3233.5              | 20.768 | 2885.5              | 23.005 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 01 PB169222BL  | 4726                | 17.10  | 3815                | 21.27  | 3770                | 23.51  |
| 02 PB169222BS  | 6432                | 17.09  | 4873                | 21.28  | 4192                | 23.51  |
| 03 PB169222BSD | 5659                | 17.09  | 4216                | 21.28  | 3616                | 23.51  |
| 04 TW1         | 7073                | 17.09  | 6070                | 21.28  | 5492                | 23.51  |

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.

\* Values outside of QC limits.



# QC SAMPLE DATA

## Report of Analysis

|                    |                  |                 |                |
|--------------------|------------------|-----------------|----------------|
| Client:            | G Environmental  | Date Collected: |                |
| Project:           | DeCamp           | Date Received:  |                |
| Client Sample ID:  | PB169222BL       | SDG No.:        | Q2825          |
| Lab Sample ID:     | PB169222BL       | Matrix:         | Water          |
| Analytical Method: | SW8270ESIM       | % Solid:        | 0              |
| Sample Wt/Vol:     | 1000 Units: mL   | Final Vol:      | 1000 uL        |
| Soil Aliquot Vol:  | uL               | Test:           | SVOC-SIMGroup1 |
| Extraction Type :  | Decanted : N     | Level :         | LOW            |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup :   | N PH :         |
| Prep Method :      |                  |                 |                |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BN037589.D        | 1         | 08/12/25 08:52 | 08/13/25 11:05 | PB169222      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units    |
|---------------------------|-------------------------|-------|-----------|---------------------|------------|----------|
| <b>TARGETS</b>            |                         |       |           |                     |            |          |
| 56-55-3                   | Benzo(a)anthracene      | 0.040 | U         | 0.040               | 0.10       | ug/L     |
| 205-99-2                  | Benzo(b)fluoranthene    | 0.040 | U         | 0.040               | 0.10       | ug/L     |
| 207-08-9                  | Benzo(k)fluoranthene    | 0.050 | U         | 0.050               | 0.10       | ug/L     |
| 50-32-8                   | Benzo(a)pyrene          | 0.040 | U         | 0.040               | 0.10       | ug/L     |
| 191-24-2                  | Benzo(g,h,i)perylene    | 0.040 | U         | 0.040               | 0.10       | ug/L     |
| <b>SURROGATES</b>         |                         |       |           |                     |            |          |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.32  |           | 30 (20) - 150 (139) | 80%        | SPK: 0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.32  |           | 30 (54) - 150 (157) | 81%        | SPK: 0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.34  |           | 30 (27) - 130 (154) | 86%        | SPK: 0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.35  |           | 30 (30) - 130 (155) | 86%        | SPK: 0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.38  |           | 30 (54) - 130 (175) | 94%        | SPK: 0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |                     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 2240  |           | 7.717               |            |          |
| 1146-65-2                 | Naphthalene-d8          | 5340  |           | 10.498              |            |          |
| 15067-26-2                | Acenaphthene-d10        | 2470  |           | 14.345              |            |          |
| 1517-22-2                 | Phenanthrene-d10        | 4730  |           | 17.099              |            |          |
| 1719-03-5                 | Chrysene-d12            | 3820  |           | 21.268              |            |          |
| 1520-96-3                 | Perylene-d12            | 3770  |           | 23.508              |            |          |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                  |                 |                |
|--------------------|------------------|-----------------|----------------|
| Client:            | G Environmental  | Date Collected: |                |
| Project:           | DeCamp           | Date Received:  |                |
| Client Sample ID:  | PB169222BS       | SDG No.:        | Q2825          |
| Lab Sample ID:     | PB169222BS       | Matrix:         | Water          |
| Analytical Method: | SW8270ESIM       | % Solid:        | 0              |
| Sample Wt/Vol:     | 1000 Units: mL   | Final Vol:      | 1000 uL        |
| Soil Aliquot Vol:  | uL               | Test:           | SVOC-SIMGroup1 |
| Extraction Type :  | Decanted : N     | Level :         | LOW            |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup :   | N PH :         |
| Prep Method :      |                  |                 |                |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BN037596.D        | 1         | 08/12/25 08:52 | 08/13/25 15:22 | PB169222      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units    |
|---------------------------|-------------------------|-------|-----------|---------------------|------------|----------|
| <b>TARGETS</b>            |                         |       |           |                     |            |          |
| 56-55-3                   | Benzo(a)anthracene      | 0.34  |           | 0.040               | 0.10       | ug/L     |
| 205-99-2                  | Benzo(b)fluoranthene    | 0.34  |           | 0.040               | 0.10       | ug/L     |
| 207-08-9                  | Benzo(k)fluoranthene    | 0.32  |           | 0.050               | 0.10       | ug/L     |
| 50-32-8                   | Benzo(a)pyrene          | 0.36  |           | 0.040               | 0.10       | ug/L     |
| 191-24-2                  | Benzo(g,h,i)perylene    | 0.37  |           | 0.040               | 0.10       | ug/L     |
| <b>SURROGATES</b>         |                         |       |           |                     |            |          |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.34  |           | 30 (20) - 150 (139) | 84%        | SPK: 0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.30  |           | 30 (54) - 150 (157) | 75%        | SPK: 0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.34  |           | 30 (27) - 130 (154) | 84%        | SPK: 0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.36  |           | 30 (30) - 130 (155) | 89%        | SPK: 0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.37  |           | 30 (54) - 130 (175) | 93%        | SPK: 0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |                     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 3070  | 7.717     |                     |            |          |
| 1146-65-2                 | Naphthalene-d8          | 7590  | 10.498    |                     |            |          |
| 15067-26-2                | Acenaphthene-d10        | 3530  | 14.345    |                     |            |          |
| 1517-22-2                 | Phenanthrene-d10        | 6430  | 17.086    |                     |            |          |
| 1719-03-5                 | Chrysene-d12            | 4870  | 21.277    |                     |            |          |
| 1520-96-3                 | Perylene-d12            | 4190  | 23.51     |                     |            |          |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                  |                 |                |
|--------------------|------------------|-----------------|----------------|
| Client:            | G Environmental  | Date Collected: |                |
| Project:           | DeCamp           | Date Received:  |                |
| Client Sample ID:  | PB169222BSD      | SDG No.:        | Q2825          |
| Lab Sample ID:     | PB169222BSD      | Matrix:         | Water          |
| Analytical Method: | SW8270ESIM       | % Solid:        | 0              |
| Sample Wt/Vol:     | 1000 Units: mL   | Final Vol:      | 1000 uL        |
| Soil Aliquot Vol:  | uL               | Test:           | SVOC-SIMGroup1 |
| Extraction Type :  | Decanted : N     | Level :         | LOW            |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup :   | N PH :         |
| Prep Method :      |                  |                 |                |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BN037597.D        | 1         | 08/12/25 08:52 | 08/13/25 15:58 | PB169222      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units    |
|---------------------------|-------------------------|-------|-----------|---------------------|------------|----------|
| <b>TARGETS</b>            |                         |       |           |                     |            |          |
| 56-55-3                   | Benzo(a)anthracene      | 0.37  |           | 0.040               | 0.10       | ug/L     |
| 205-99-2                  | Benzo(b)fluoranthene    | 0.38  |           | 0.040               | 0.10       | ug/L     |
| 207-08-9                  | Benzo(k)fluoranthene    | 0.35  |           | 0.050               | 0.10       | ug/L     |
| 50-32-8                   | Benzo(a)pyrene          | 0.39  |           | 0.040               | 0.10       | ug/L     |
| 191-24-2                  | Benzo(g,h,i)perylene    | 0.41  |           | 0.040               | 0.10       | ug/L     |
| <b>SURROGATES</b>         |                         |       |           |                     |            |          |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.35  |           | 30 (20) - 150 (139) | 88%        | SPK: 0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.32  |           | 30 (54) - 150 (157) | 80%        | SPK: 0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.36  |           | 30 (27) - 130 (154) | 91%        | SPK: 0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.39  |           | 30 (30) - 130 (155) | 97%        | SPK: 0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.41  |           | 30 (54) - 130 (175) | 101%       | SPK: 0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |                     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 2740  |           | 7.717               |            |          |
| 1146-65-2                 | Naphthalene-d8          | 6600  |           | 10.498              |            |          |
| 15067-26-2                | Acenaphthene-d10        | 3080  |           | 14.345              |            |          |
| 1517-22-2                 | Phenanthrene-d10        | 5660  |           | 17.086              |            |          |
| 1719-03-5                 | Chrysene-d12            | 4220  |           | 21.277              |            |          |
| 1520-96-3                 | Perylene-d12            | 3620  |           | 23.505              |            |          |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products





# CALIBRATION SUMMARY

Method Path : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\  
 Method File : 8270-SIM-BN081225.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 Last Update : Wed Aug 13 05:00:58 2025  
 Response Via : Initial Calibration

## Calibration Files

0.1 =BN037578.D 0.2 =BN037579.D 0.4 =BN037580.D 0.8 =BN037581.D 1.6 =BN037582.D 3.2 =BN037583.D 5 =BN037584.D

|          | Compound              | 0.1            | 0.2   | 0.4   | 0.8   | 1.6   | 3.2   | 5     | Avg   | %RSD  |
|----------|-----------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|
| -----    |                       |                |       |       |       |       |       |       |       |       |
| 1) I     | 1,4-Dichlorobenzen... | -----ISTD----- |       |       |       |       |       |       |       |       |
| 2)       | 1,4-Dioxane           | 0.413          | 0.395 | 0.368 | 0.397 | 0.375 | 0.348 | 0.383 |       | 6.08  |
| 3)       | n-Nitrosodimet...     | 0.471          | 0.488 | 0.471 | 0.493 | 0.503 | 0.508 | 0.489 |       | 3.19  |
| 4) S     | 2-Fluorophenol        | 0.922          | 0.945 | 0.888 | 0.823 | 0.886 | 0.906 | 0.977 | 0.907 | 5.41  |
| 5) S     | Phenol-d6             | 1.045          | 1.051 | 1.044 | 0.983 | 1.198 | 1.117 | 1.201 | 1.091 | 7.66  |
| 6)       | bis(2-Chloroet...     | 0.935          | 0.987 | 0.976 | 0.936 | 1.020 | 1.008 | 1.022 | 0.983 | 3.75  |
|          |                       |                |       |       |       |       |       |       |       |       |
| 7) I     | Naphthalene-d8        | -----ISTD----- |       |       |       |       |       |       |       |       |
| 8) S     | Nitrobenzene-d5       | 0.270          | 0.257 | 0.262 | 0.264 | 0.292 | 0.301 | 0.326 | 0.282 | 9.03  |
| 9)       | Naphthalene           | 1.044          | 1.050 | 1.037 | 1.012 | 1.089 | 1.096 | 1.127 | 1.065 | 3.78  |
| 10)      | Hexachlorobuta...     | 0.252          | 0.258 | 0.262 | 0.253 | 0.267 | 0.264 | 0.265 | 0.260 | 2.22  |
| 11) SURR | 2-Methylnaphth...     | 0.488          | 0.492 | 0.508 | 0.493 | 0.543 | 0.578 | 0.705 | 0.544 | 14.39 |
| 12)      | 2-Methylnaphth...     | 0.589          | 0.631 | 0.635 | 0.629 | 0.701 | 0.731 | 0.760 | 0.668 | 9.39  |
|          |                       |                |       |       |       |       |       |       |       |       |
| 13) I    | Acenaphthene-d10      | -----ISTD----- |       |       |       |       |       |       |       |       |
| 14) S    | 2,4,6-Tribromo...     | 0.139          | 0.149 | 0.156 | 0.160 | 0.185 | 0.203 | 0.234 | 0.175 | 19.39 |
| 15) S    | 2-Fluorobiphenyl      | 2.226          | 2.243 | 2.300 | 2.251 | 2.341 | 2.391 | 2.440 | 2.313 | 3.50  |
| 16)      | Acenaphthylene        | 1.740          | 1.760 | 1.710 | 1.653 | 1.850 | 1.858 | 1.980 | 1.793 | 6.15  |
| 17)      | Acenaphthene          | 1.144          | 1.150 | 1.172 | 1.154 | 1.283 | 1.286 | 1.348 | 1.220 | 6.86  |
| 18)      | Fluorene              | 1.466          | 1.510 | 1.524 | 1.521 | 1.686 | 1.693 | 1.770 | 1.596 | 7.38  |
|          |                       |                |       |       |       |       |       |       |       |       |
| 19) I    | Phenanthrene-d10      | -----ISTD----- |       |       |       |       |       |       |       |       |
| 20)      | 4,6-Dinitro-2-...     | 0.042          | 0.046 | 0.047 | 0.061 | 0.070 |       | 0.053 |       | 22.37 |
| 21)      | 4-Bromophenyl-...     | 0.226          | 0.236 | 0.234 | 0.237 | 0.265 | 0.271 | 0.292 | 0.251 | 9.77  |
| 22)      | Hexachlorobenzene     | 0.360          | 0.360 | 0.356 | 0.332 | 0.364 | 0.354 | 0.370 | 0.356 | 3.37  |
| 23)      | Atrazine              | 0.127          | 0.126 | 0.130 | 0.134 | 0.160 | 0.176 |       | 0.142 | 14.76 |
| 24)      | Pentachlorophenol     |                | 0.108 | 0.113 | 0.113 | 0.139 | 0.152 |       | 0.125 | 15.36 |
| 25)      | Phenanthrene          | 1.146          | 1.162 | 1.170 | 1.138 | 1.281 | 1.269 | 1.347 | 1.216 | 6.72  |
| 26)      | Anthracene            | 0.950          | 0.985 | 0.995 | 0.988 | 1.145 | 1.186 | 1.286 | 1.077 | 11.93 |
| 27) SURR | Fluoranthene-d10      | 0.932          | 0.966 | 0.954 | 0.935 | 1.050 | 1.110 | 1.419 | 1.052 | 16.61 |
| 28)      | Fluoranthene          | 1.241          | 1.264 | 1.299 | 1.291 | 1.503 | 1.533 | 1.648 | 1.397 | 11.53 |
|          |                       |                |       |       |       |       |       |       |       |       |
| 29) I    | Chrysene-d12          | -----ISTD----- |       |       |       |       |       |       |       |       |
| 30)      | Pyrene                | 1.539          | 1.486 | 1.464 | 1.403 | 1.502 | 1.520 | 1.552 | 1.495 | 3.38  |
| 31) S    | Terphenyl-d14         | 0.814          | 0.801 | 0.796 | 0.763 | 0.833 | 0.853 | 0.901 | 0.823 | 5.45  |
| 32)      | Benzo(a)anthra...     | 1.266          | 1.275 | 1.263 | 1.253 | 1.351 | 1.458 | 1.487 | 1.336 | 7.40  |
| 33)      | Chrysene              | 1.547          | 1.515 | 1.433 | 1.379 | 1.511 | 1.489 | 1.551 | 1.489 | 4.21  |
| 34)      | Bis(2-ethylhex...     |                | 0.518 | 0.522 | 0.483 | 0.522 | 0.593 | 0.671 | 0.551 | 12.47 |
|          |                       |                |       |       |       |       |       |       |       |       |
| 35) I    | Perylene-d12          | -----ISTD----- |       |       |       |       |       |       |       |       |

Method Path : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\

Method File : 8270-SIM-BN081225.M

|       |                   |       |       |       |       |       |       |       |       |       |
|-------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 36)   | Indeno(1,2,3-c... | 1.446 | 1.462 | 1.612 | 1.568 | 1.816 | 1.883 | 2.011 | 1.686 | 13.01 |
| 37)   | Benzo(b)fluora... | 1.351 | 1.375 | 1.338 | 1.432 | 1.615 | 1.674 | 1.825 | 1.516 | 12.52 |
| 38)   | Benzo(k)fluora... | 1.597 | 1.580 | 1.651 | 1.628 | 1.821 | 1.797 | 1.898 | 1.710 | 7.36  |
| 39) C | Benzo(a)pyrene    | 1.146 | 1.136 | 1.149 | 1.157 | 1.322 | 1.382 | 1.508 | 1.257 | 11.77 |
| 40)   | Dibenzo(a,h)an... | 1.023 | 1.118 | 1.222 | 1.215 | 1.439 | 1.516 | 1.621 | 1.308 | 16.85 |
| 41)   | Benzo(g,h,i)pe... | 1.207 | 1.274 | 1.262 | 1.261 | 1.467 | 1.532 | 1.643 | 1.378 | 12.17 |

-----  
(#) = Out of Range

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

|                 |                   |                        |                              |
|-----------------|-------------------|------------------------|------------------------------|
| Lab Name:       | <u>Alliance</u>   | Contract:              | <u>GENV01</u>                |
| Lab Code:       | <u>ACE</u>        | SDG No.:               | <u>Q2825</u>                 |
| Instrument ID:  | <u>BNA_N</u>      | Calibration Date/Time: | <u>08/13/2025 10:28</u>      |
| Lab File ID:    | <u>BN037588.D</u> | Init. Calib. Date(s):  | <u>08/12/2025 08/12/2025</u> |
| EPA Sample No.: | <u>SSTDCCC0.4</u> | Init. Calib. Time(s):  | <u>16:26 20:05</u>           |
| GC Column:      | <u>ZB-GR</u>      | ID:                    | <u>0.25</u> (mm)             |

| COMPOUND                | RRF   | RRF0.4 | MIN<br>RRF | %D    | MAX%D |
|-------------------------|-------|--------|------------|-------|-------|
| 2-Methylnaphthalene-d10 | 0.544 | 0.508  |            | -6.6  | 20.0  |
| Fluoranthene-d10        | 1.052 | 0.929  |            | -11.7 | 20.0  |
| 2-Fluorophenol          | 0.907 | 0.923  |            | 1.8   | 20.0  |
| Phenol-d6               | 1.091 | 1.135  |            | 4.0   | 20.0  |
| Nitrobenzene-d5         | 0.282 | 0.265  |            | -6.0  | 20.0  |
| 2-Fluorobiphenyl        | 2.313 | 2.297  |            | -0.7  | 20.0  |
| 2,4,6-Tribromophenol    | 0.175 | 0.166  |            | -5.1  | 20.0  |
| Terphenyl-d14           | 0.823 | 0.727  |            | -11.7 | 20.0  |
| Benzo(a)anthracene      | 1.336 | 1.415  |            | 5.9   | 20.0  |
| Benzo(b)fluoranthene    | 1.516 | 1.358  |            | -10.4 | 20.0  |
| Benzo(k)fluoranthene    | 1.710 | 1.544  |            | -9.7  | 20.0  |
| Benzo(a)pyrene          | 1.257 | 1.227  |            | -2.4  | 20.0  |
| Benzo(g,h,i)perylene    | 1.378 | 1.279  |            | -7.2  | 20.0  |

All other compounds must meet a minimum RRF of 0.010.



# SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN081325\  
 Data File : BN037595.D  
 Acq On : 13 Aug 2025 14:45  
 Operator : RC/JU  
 Sample : Q2825-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TW1

A  
B  
C  
D  
E  
F  
G  
H  
I  
J  
K

Quant Time: Aug 13 15:19:39 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 13 05:00:58 2025  
 Response via : Initial Calibration

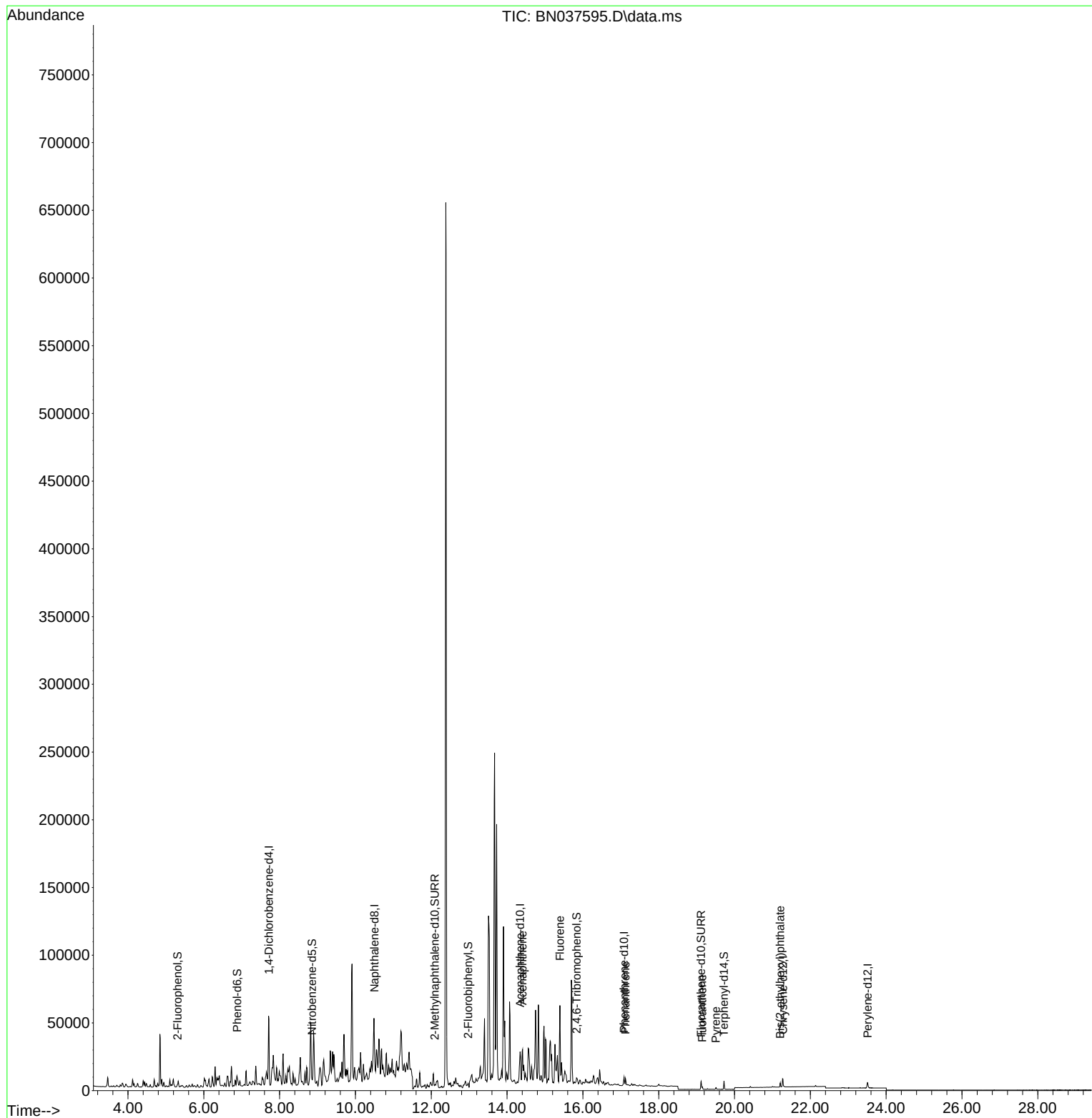
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.717  | 152  | 1978     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.498 | 136  | 5793     | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.345 | 164  | 4192     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.086 | 188  | 7073     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.277 | 240  | 6070     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.510 | 264  | 5492     | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.305  | 112  | 652      | 0.145 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.879  | 99   | 579      | 0.107 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.854  | 82   | 1752     | 0.429 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.090 | 152  | 1676     | 0.213 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.833 | 330  | 591      | 0.322 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.973 | 172  | 3019     | 0.125 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.118 | 212  | 6592     | 0.354 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.722 | 244  | 5458     | 0.437 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 17) Acenaphthene              | 14.409 | 154  | 6297     | 0.493 | ng    | # 77     |
| 18) Fluorene                  | 15.392 | 166  | 23457    | 1.403 | ng    | # 90     |
| 25) Phenanthrene              | 17.124 | 178  | 5367     | 0.250 | ng    | 97       |
| 28) Fluoranthene              | 19.150 | 202  | 1581     | 0.064 | ng    | 98       |
| 30) Pyrene                    | 19.508 | 202  | 1296     | 0.057 | ng    | # 88     |
| 34) Bis(2-ethylhexyl)phtha... | 21.205 | 149  | 2748     | 0.328 | ng    | 98       |
| -----                         |        |      |          |       |       |          |

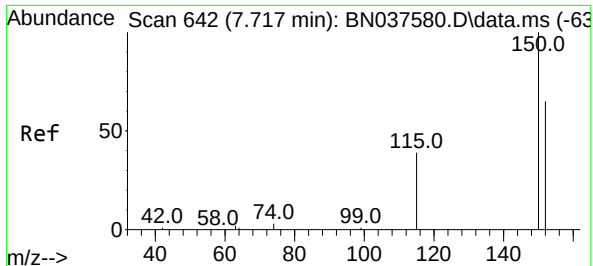
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN081325\  
Data File : BN037595.D  
Acq On : 13 Aug 2025 14:45  
Operator : RC/JU  
Sample : Q2825-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
TW1

Quant Time: Aug 13 15:19:39 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Aug 13 05:00:58 2025  
Response via : Initial Calibration

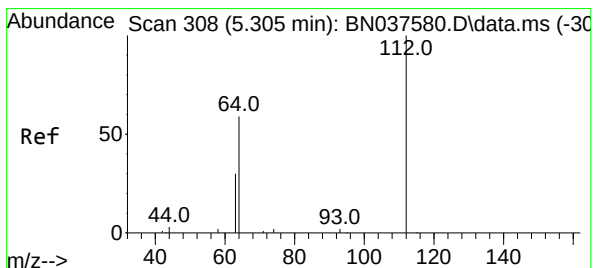
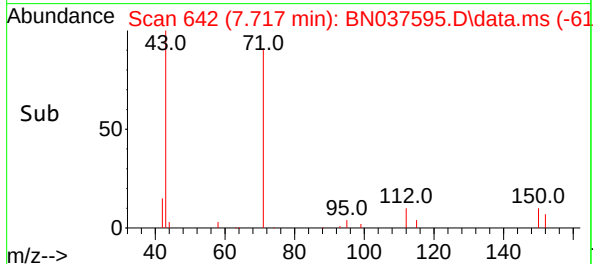
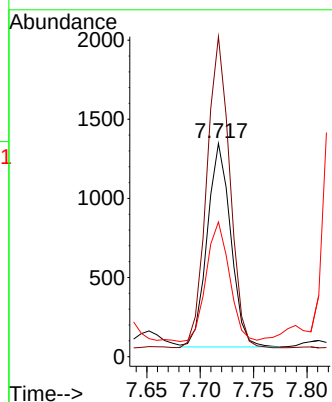
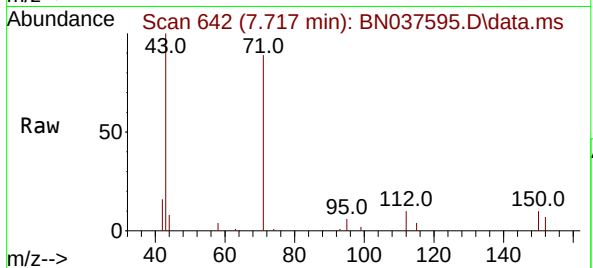




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.717 min Scan# 642  
Delta R.T. 0.000 min  
Lab File: BN037595.D  
Acq: 13 Aug 2025 14:45

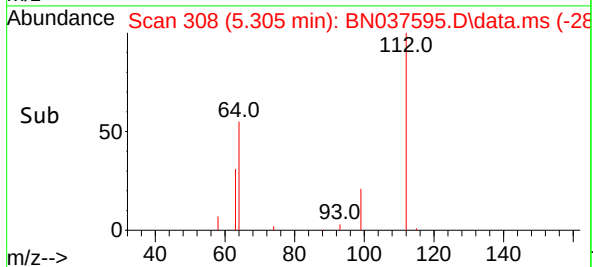
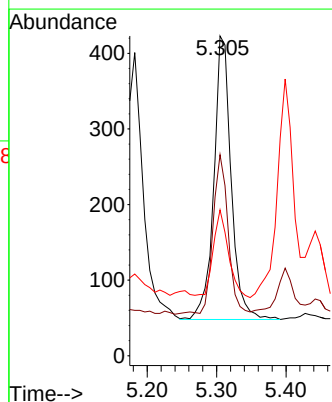
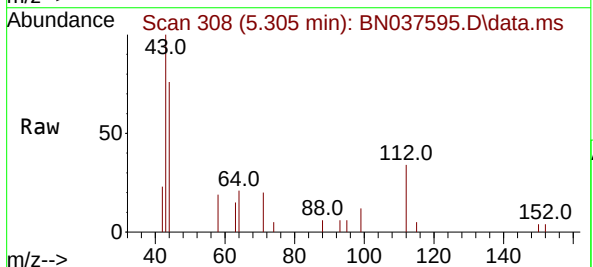
Instrument :  
BNA\_N  
ClientSampleId :  
TW1

Tgt Ion:152 Resp: 1978  
Ion Ratio Lower Upper  
152 100  
150 150.0 122.2 183.4  
115 63.1 49.8 74.6

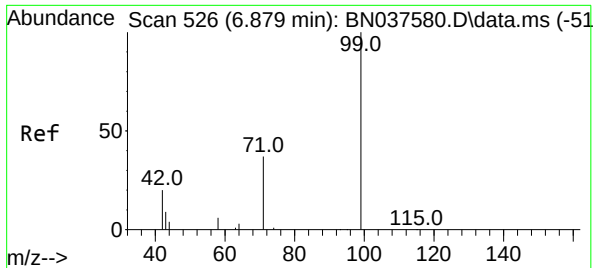


#4  
2-Fluorophenol  
Concen: 0.145 ng  
RT: 5.305 min Scan# 308  
Delta R.T. 0.000 min  
Lab File: BN037595.D  
Acq: 13 Aug 2025 14:45

Tgt Ion:112 Resp: 652  
Ion Ratio Lower Upper  
112 100  
64 49.1 44.9 67.3  
63 30.7 23.4 35.2

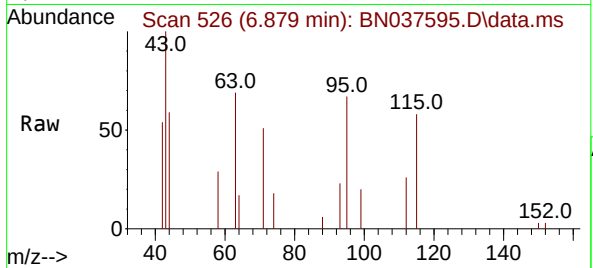




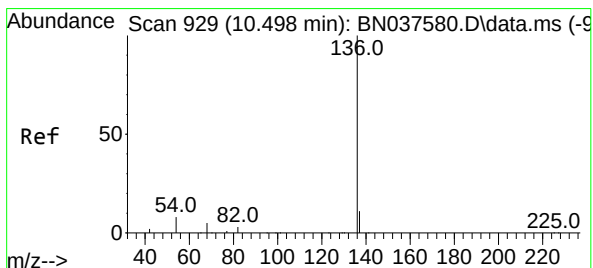
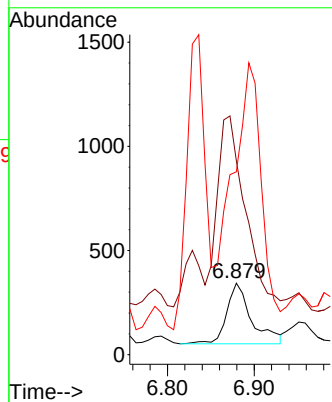
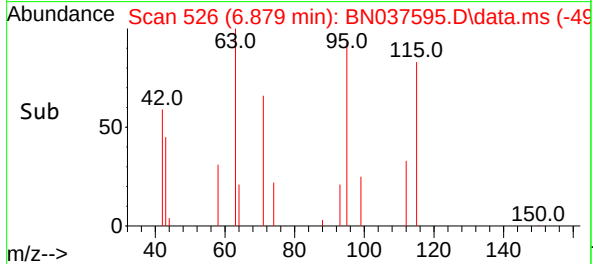


#5  
Phenol-d6  
Concen: 0.107 ng  
RT: 6.879 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BN037595.D  
Acq: 13 Aug 2025 14:45

Instrument :  
BNA\_N  
ClientSampleId :  
TW1

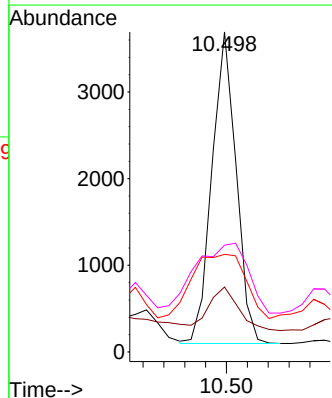
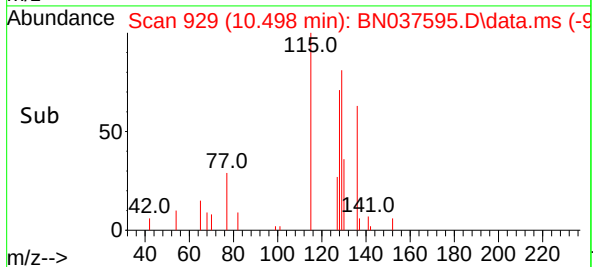
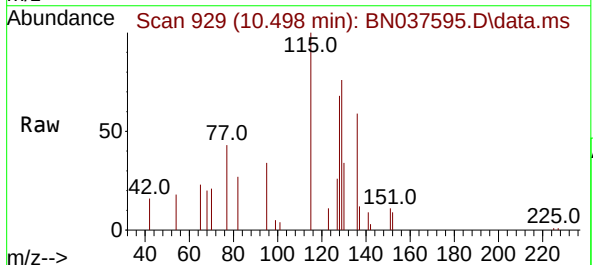


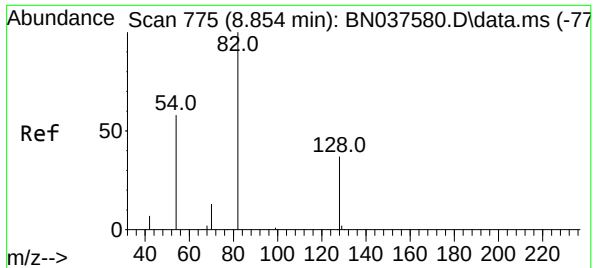
Tgt Ion: 99 Resp: 579  
Ion Ratio Lower Upper  
99 100  
42 363.2 18.5 27.7#  
71 0.0 28.6 42.8#



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.498 min Scan# 929  
Delta R.T. 0.000 min  
Lab File: BN037595.D  
Acq: 13 Aug 2025 14:45

Tgt Ion: 136 Resp: 5793  
Ion Ratio Lower Upper  
136 100  
137 20.3 9.5 14.3#  
54 30.5 7.3 10.9#  
68 33.4 5.1 7.7#

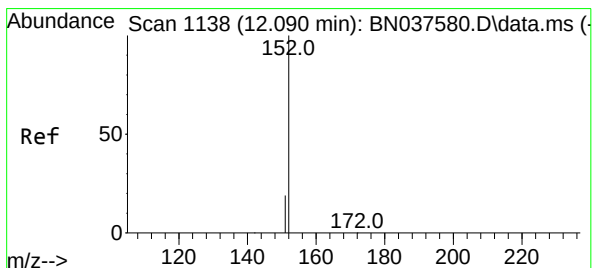
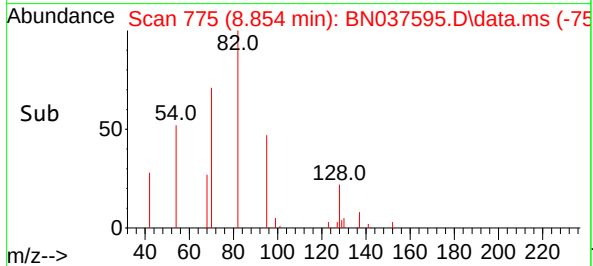
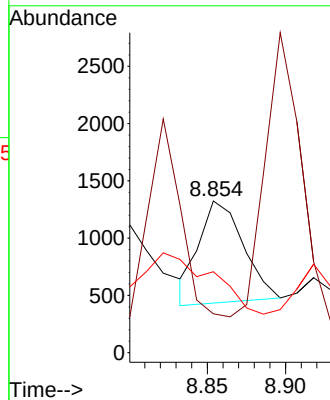
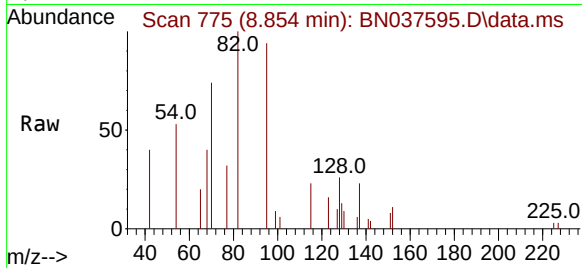




#8  
Nitrobenzene-d5  
Concen: 0.429 ng  
RT: 8.854 min Scan# 775  
Delta R.T. 0.000 min  
Lab File: BN037595.D  
Acq: 13 Aug 2025 14:45

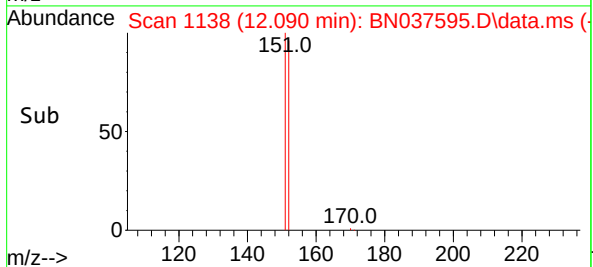
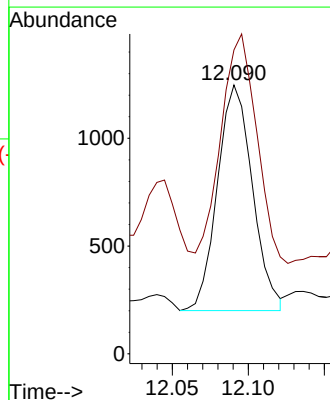
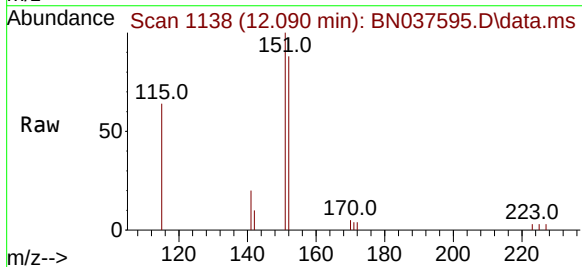
Instrument :  
BNA\_N  
ClientSampleId :  
TW1

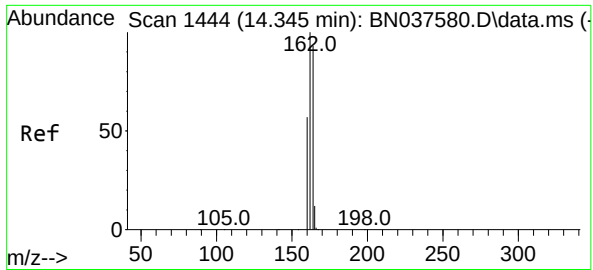
Tgt Ion: 82 Resp: 1752  
Ion Ratio Lower Upper  
82 100  
128 25.7 32.6 48.8#  
54 53.4 48.9 73.3



#11  
2-Methylnaphthalene-d10  
Concen: 0.213 ng  
RT: 12.090 min Scan# 1138  
Delta R.T. 0.000 min  
Lab File: BN037595.D  
Acq: 13 Aug 2025 14:45

Tgt Ion: 152 Resp: 1676  
Ion Ratio Lower Upper  
152 100  
151 109.2 17.3 25.9#

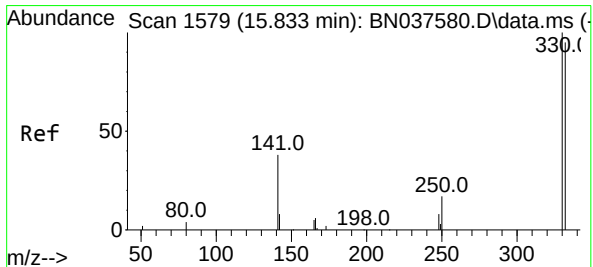
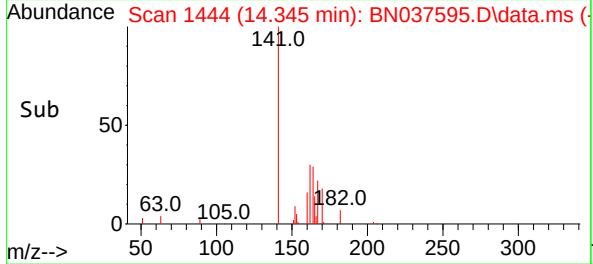
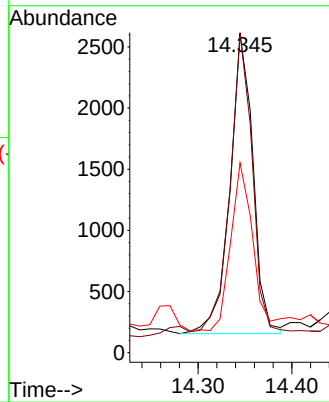
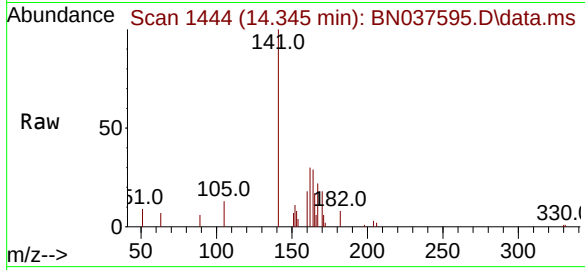




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.345 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: BN037595.D  
Acq: 13 Aug 2025 14:45

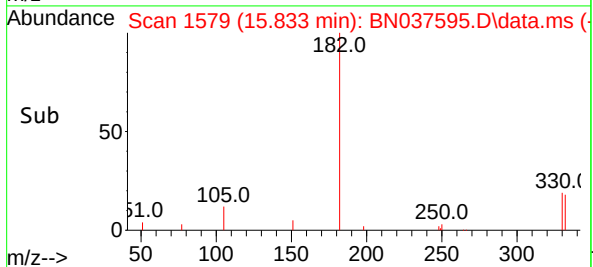
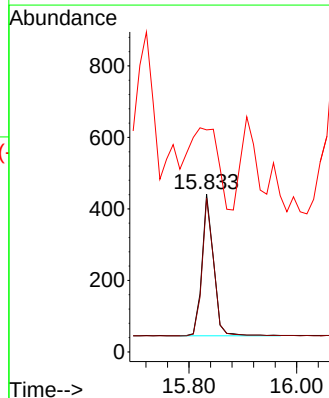
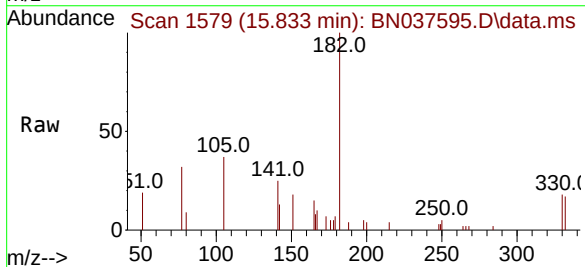
Instrument :  
BNA\_N  
ClientSampleId :  
TW1

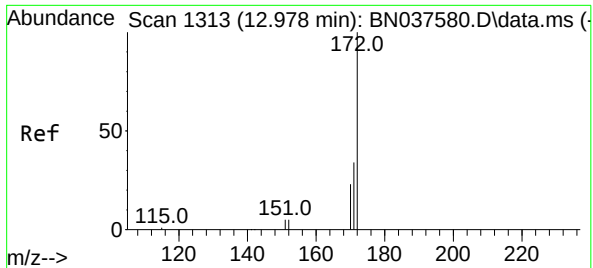
Tgt Ion:164 Resp: 4192  
Ion Ratio Lower Upper  
164 100  
162 100.3 85.5 128.3  
160 59.5 49.5 74.3



#14  
2,4,6-Tribromophenol  
Concen: 0.322 ng  
RT: 15.833 min Scan# 1579  
Delta R.T. 0.000 min  
Lab File: BN037595.D  
Acq: 13 Aug 2025 14:45

Tgt Ion:330 Resp: 591  
Ion Ratio Lower Upper  
330 100  
332 97.0 77.4 116.0  
141 146.4 30.9 46.3#

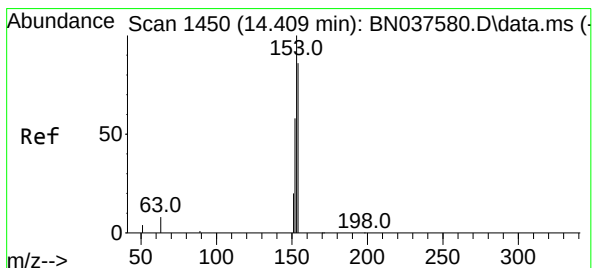
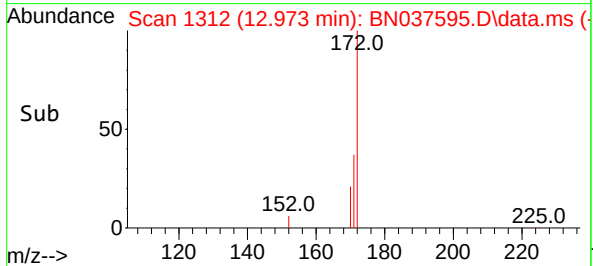
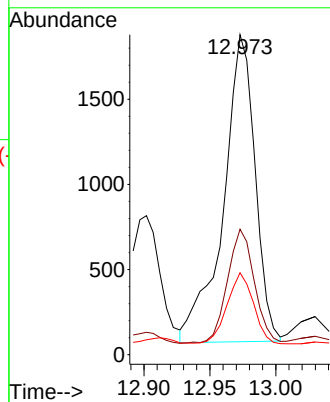
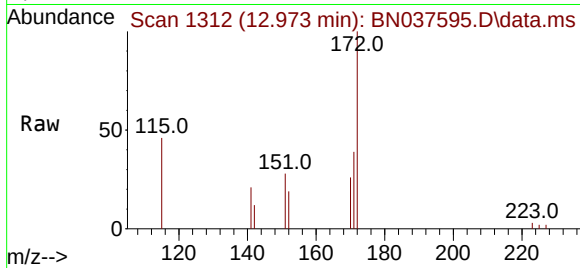




#15  
2-Fluorobiphenyl  
Concen: 0.125 ng  
RT: 12.973 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BN037595.D  
Acq: 13 Aug 2025 14:45

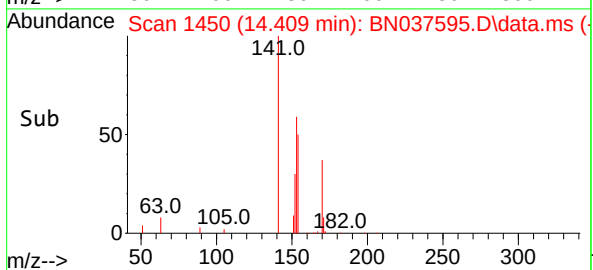
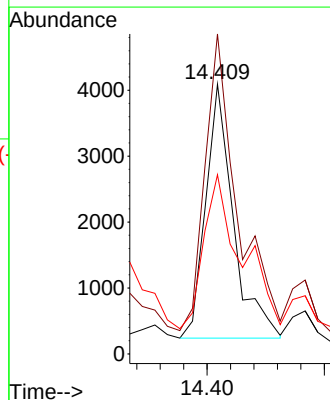
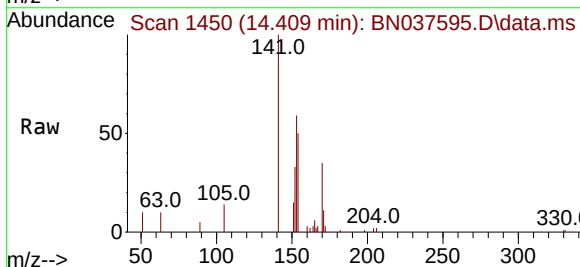
Instrument :  
BNA\_N  
ClientSampleId :  
TW1

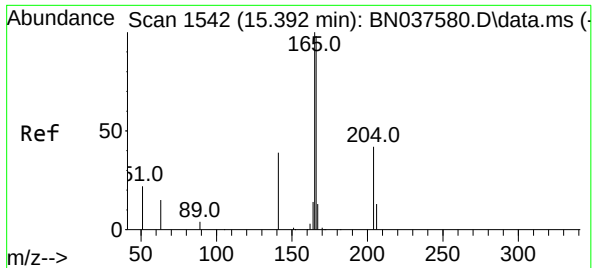
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 172   | Resp: | 3019 |
| Ion Ratio | Lower | Upper |      |
| 172       | 100   |       |      |
| 171       | 39.2  | 28.2  | 42.4 |
| 170       | 25.6  | 19.2  | 28.8 |



#17  
Acenaphthene  
Concen: 0.493 ng  
RT: 14.409 min Scan# 1450  
Delta R.T. 0.000 min  
Lab File: BN037595.D  
Acq: 13 Aug 2025 14:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 6297   |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 142.3 | 90.6  | 135.8# |
| 152       | 82.7  | 54.9  | 82.3#  |

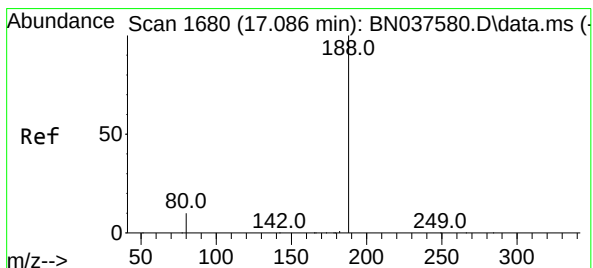
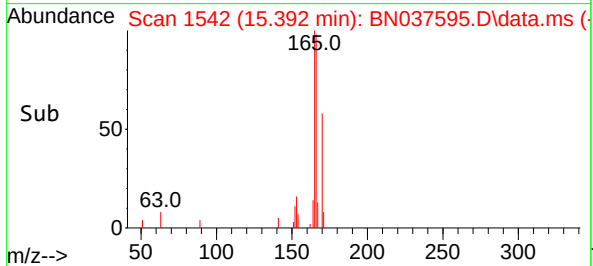
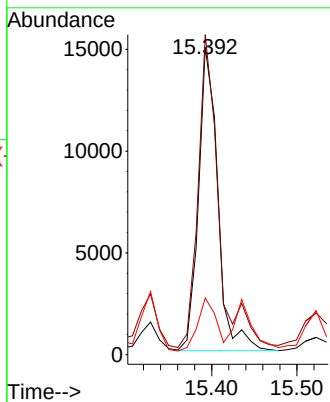
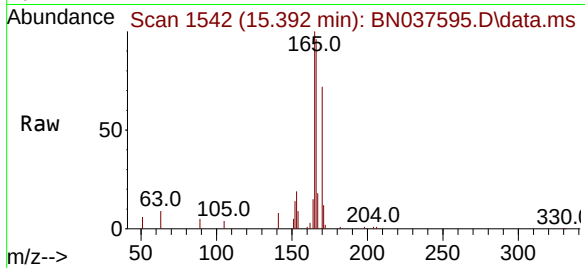




#18  
Fluorene  
Concen: 1.403 ng  
RT: 15.392 min Scan# 1542  
Delta R.T. 0.000 min  
Lab File: BN037595.D  
Acq: 13 Aug 2025 14:45

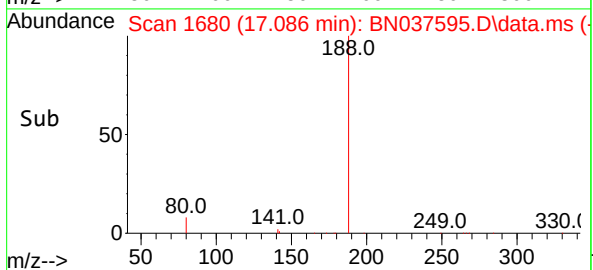
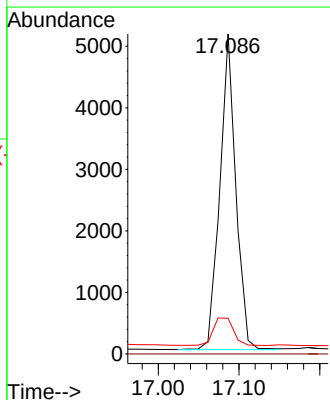
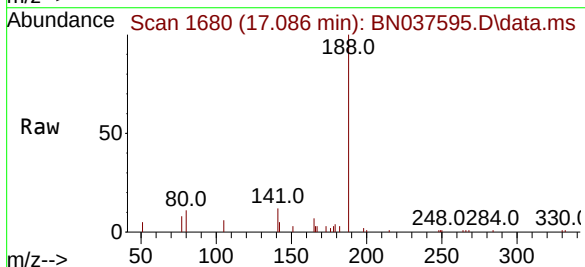
Instrument :  
BNA\_N  
ClientSampleId :  
TW1

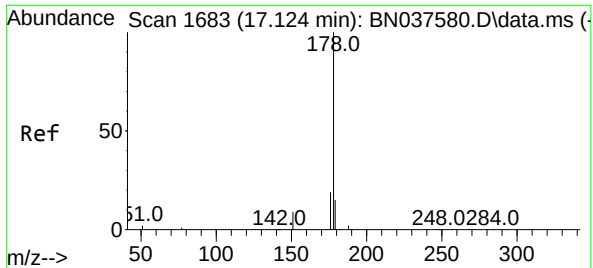
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 108.5 | 78.9  | 118.3 |
| 167     | 16.7  | 10.7  | 16.1  |



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.086 min Scan# 1680  
Delta R.T. 0.000 min  
Lab File: BN037595.D  
Acq: 13 Aug 2025 14:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 0.0   | 0.0   | 0.0   |
| 80      | 11.2  | 9.1   | 13.7  |

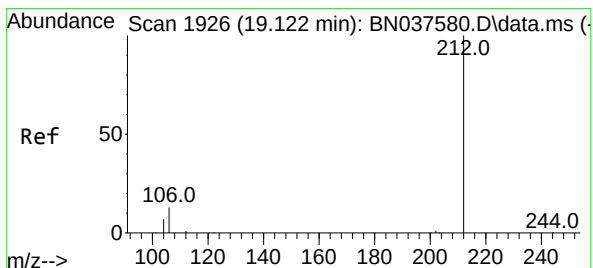
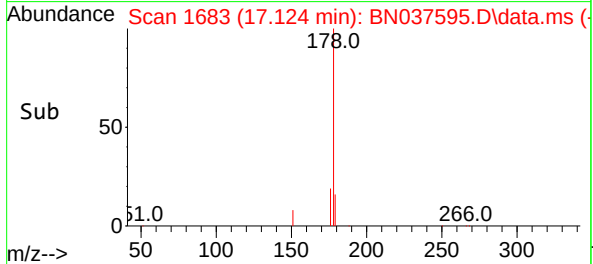
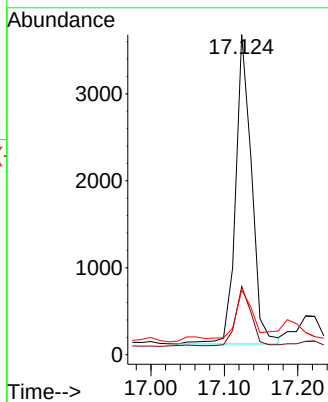
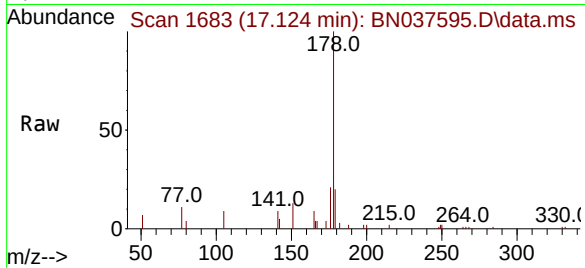




#25  
Phenanthrene  
Concen: 0.250 ng  
RT: 17.124 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BN037595.D  
Acq: 13 Aug 2025 14:45

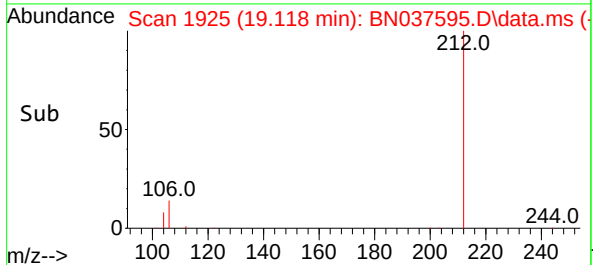
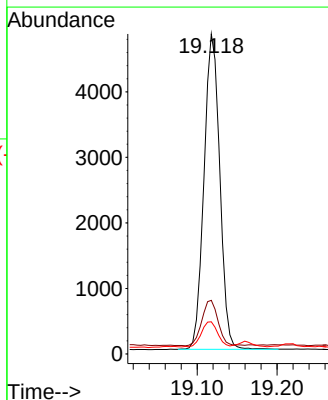
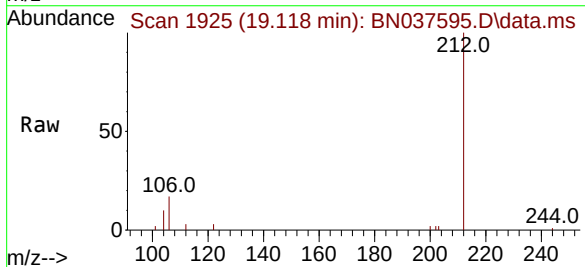
Instrument :  
BNA\_N  
ClientSampleId :  
TW1

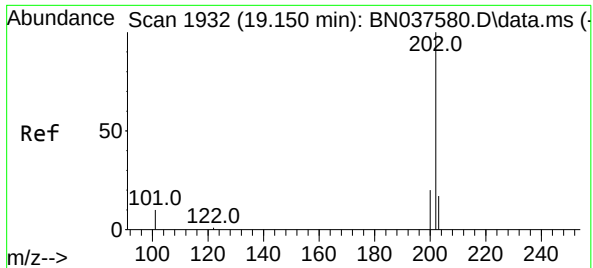
| Tgt Ion   | 178  | 176  | 179  |
|-----------|------|------|------|
| Resp:     | 5367 |      |      |
| Ion Ratio | 100  | 18.5 | 18.2 |
| Lower     |      | 15.0 | 12.3 |
| Upper     |      | 22.6 | 18.5 |



#27  
Fluoranthene-d10  
Concen: 0.354 ng  
RT: 19.118 min Scan# 1925  
Delta R.T. -0.005 min  
Lab File: BN037595.D  
Acq: 13 Aug 2025 14:45

| Tgt Ion   | 212  | 106  | 104 |
|-----------|------|------|-----|
| Resp:     | 6592 |      |     |
| Ion Ratio | 100  | 14.9 | 8.5 |
| Lower     |      | 11.5 | 6.6 |
| Upper     |      | 17.3 | 9.8 |

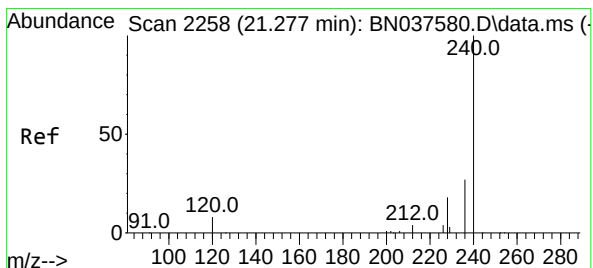
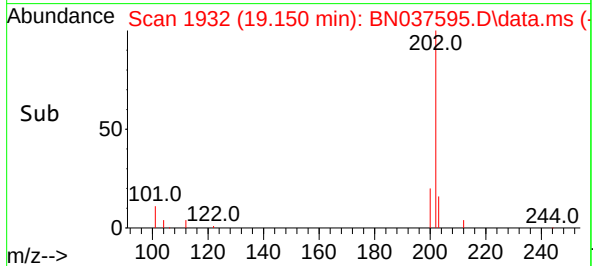
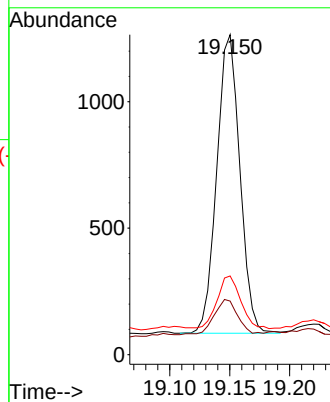
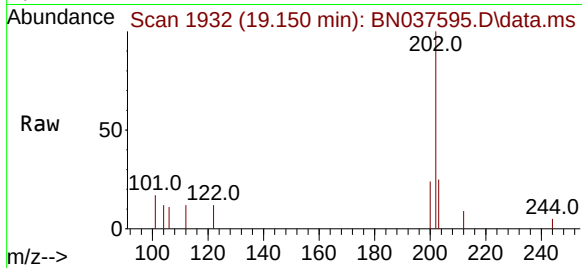




#28  
Fluoranthene  
Concen: 0.064 ng  
RT: 19.150 min Scan# 1932  
Delta R.T. 0.000 min  
Lab File: BN037595.D  
Acq: 13 Aug 2025 14:45

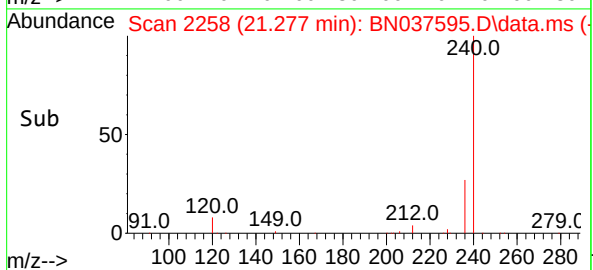
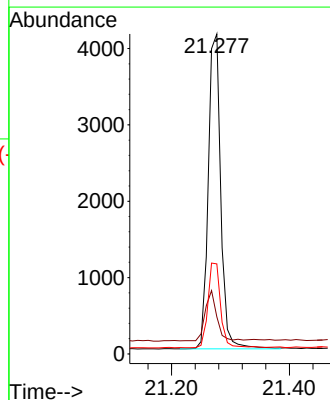
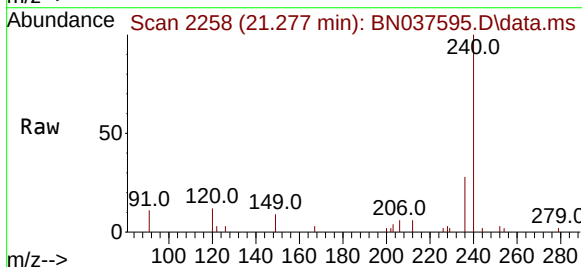
Instrument :  
BNA\_N  
ClientSampleId :  
TW1

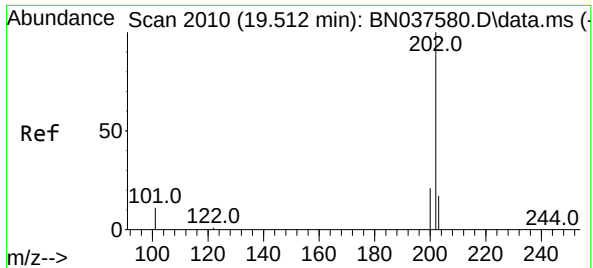
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 202   | Resp: | 1581  |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 101      | 12.9  | 9.0   | 13.6  |
| 203      | 17.4  | 13.8  | 20.8  |



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.277 min Scan# 2258  
Delta R.T. 0.000 min  
Lab File: BN037595.D  
Acq: 13 Aug 2025 14:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 240   | Resp: | 6070  |
| Ion      | Ratio | Lower | Upper |
| 240      | 100   |       |       |
| 120      | 11.6  | 8.9   | 13.3  |
| 236      | 28.2  | 22.6  | 33.8  |

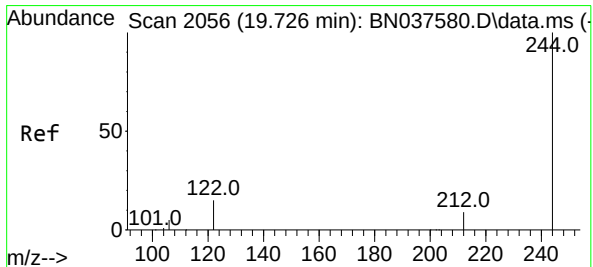
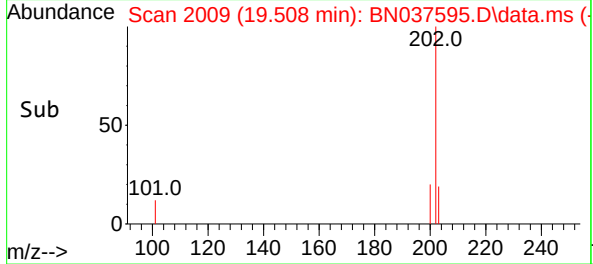
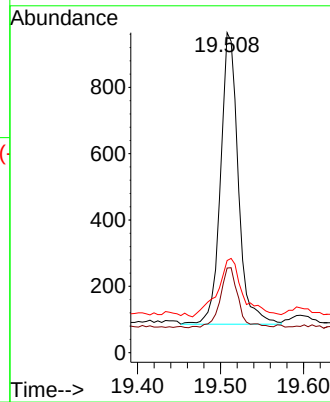
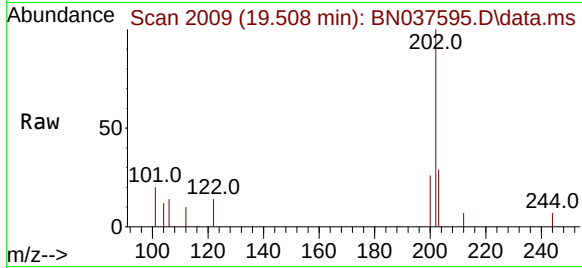




#30  
Pyrene  
Concen: 0.057 ng  
RT: 19.508 min Scan# 2009  
Delta R.T. -0.005 min  
Lab File: BN037595.D  
Acq: 13 Aug 2025 14:45

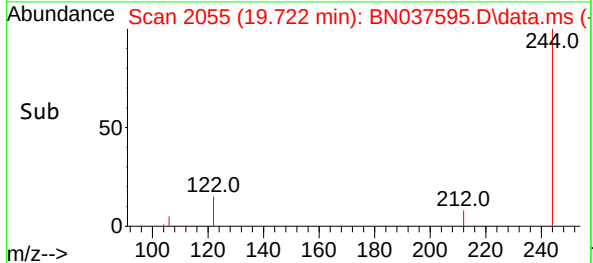
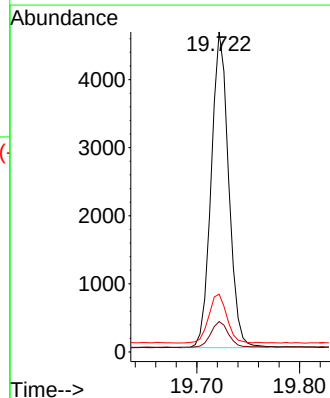
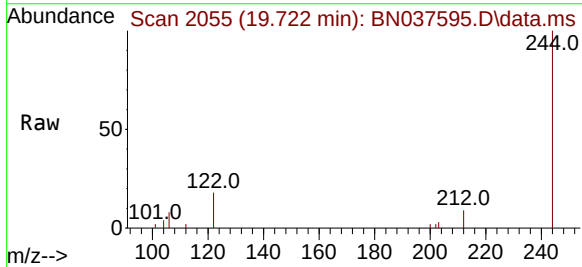
Instrument :  
BNA\_N  
ClientSampleId :  
TW1

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.3  | 16.6  | 25.0  |
| 203     | 29.0  | 14.3  | 21.5  |

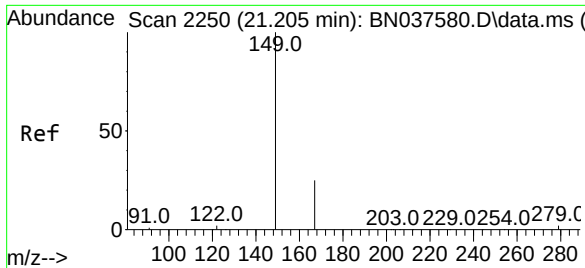


#31  
Terphenyl-d14  
Concen: 0.437 ng  
RT: 19.722 min Scan# 2055  
Delta R.T. -0.005 min  
Lab File: BN037595.D  
Acq: 13 Aug 2025 14:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 9.5   | 8.2   | 12.2  |
| 122     | 18.0  | 13.2  | 19.8  |



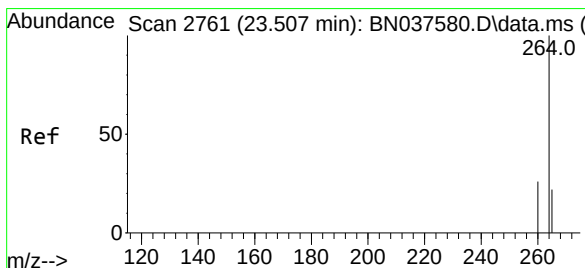
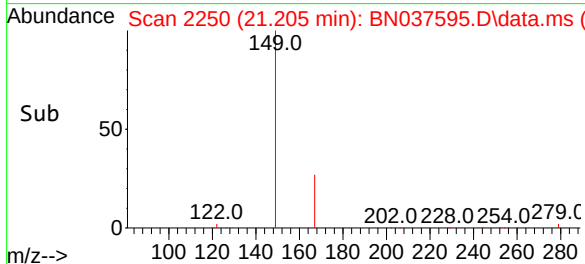
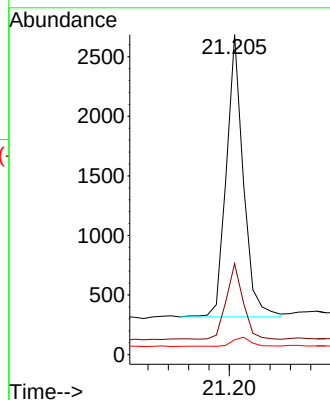
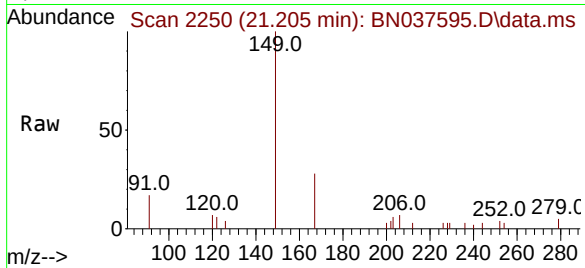




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.328 ng  
 RT: 21.205 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BN037595.D  
 Acq: 13 Aug 2025 14:45

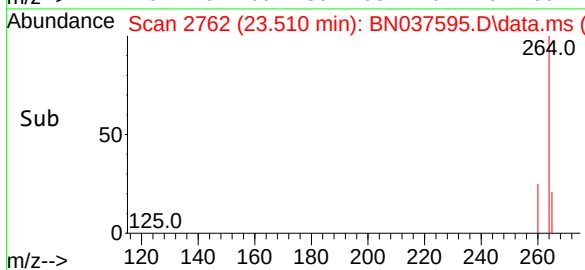
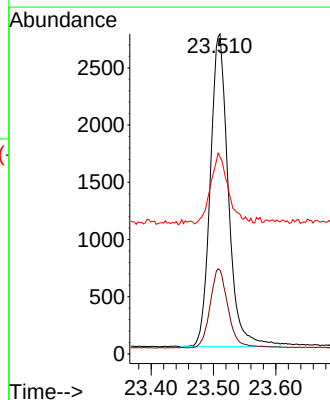
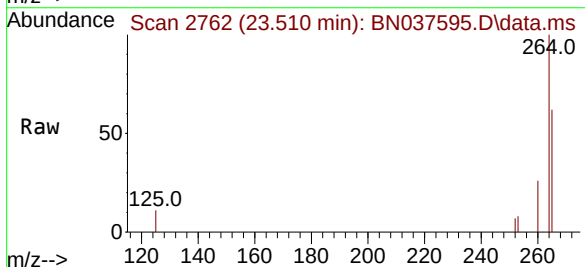
Instrument :  
 BNA\_N  
 ClientSampleId :  
 TW1

Tgt Ion:149 Resp: 2748  
 Ion Ratio Lower Upper  
 149 100  
 167 26.4 20.5 30.7  
 279 3.7 2.6 4.0



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.510 min Scan# 2762  
 Delta R.T. 0.003 min  
 Lab File: BN037595.D  
 Acq: 13 Aug 2025 14:45

Tgt Ion:264 Resp: 5492  
 Ion Ratio Lower Upper  
 264 100  
 260 26.2 21.6 32.4  
 265 61.5 48.2 72.4



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN081325\  
Data File : BN037589.D  
Acq On : 13 Aug 2025 11:05  
Operator : RC/JU  
Sample : PB169222BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB169222BL

Quant Time: Aug 13 11:31:52 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Aug 13 05:00:58 2025  
Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.717  | 152  | 2235     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.498 | 136  | 5344     | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10        | 14.345 | 164  | 2468     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10        | 17.099 | 188  | 4726     | 0.400 | ng    | 0.01     |
| 29) Chrysene-d12            | 21.268 | 240  | 3815     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12            | 23.508 | 264  | 3770     | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.312  | 112  | 1799     | 0.355 | ng    | 0.00     |
| 5) Phenol-d6                | 6.879  | 99   | 1927     | 0.316 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.854  | 82   | 1286     | 0.342 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 12.091 | 152  | 2324     | 0.320 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 15.845 | 330  | 184      | 0.170 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl        | 12.978 | 172  | 4926     | 0.345 | ng    | 0.00     |
| 27) Fluoranthene-d10        | 19.122 | 212  | 4019     | 0.323 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.722 | 244  | 2955     | 0.376 | ng    | 0.00     |

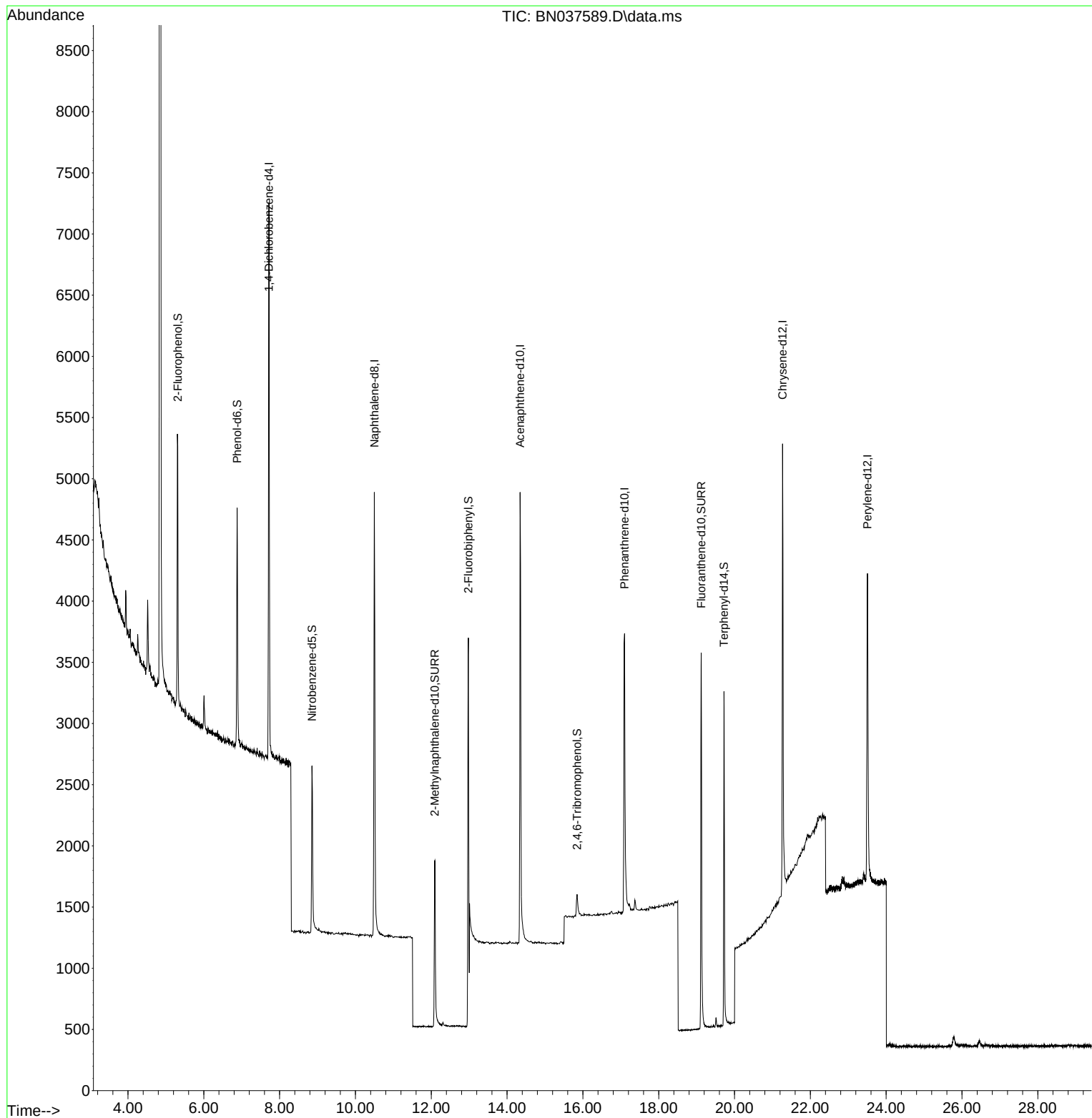
| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

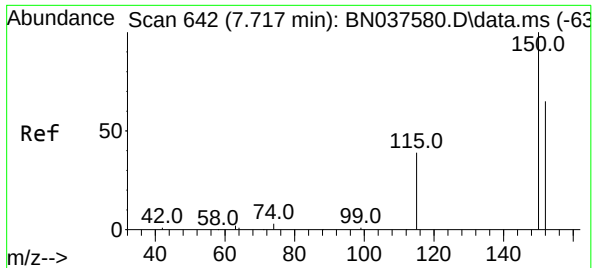
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN081325\  
Data File : BN037589.D  
Acq On : 13 Aug 2025 11:05  
Operator : RC/JU  
Sample : PB169222BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB169222BL

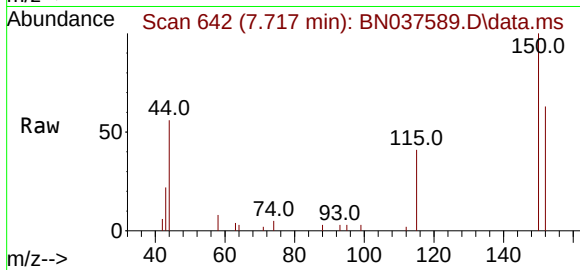
Quant Time: Aug 13 11:31:52 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Aug 13 05:00:58 2025  
Response via : Initial Calibration



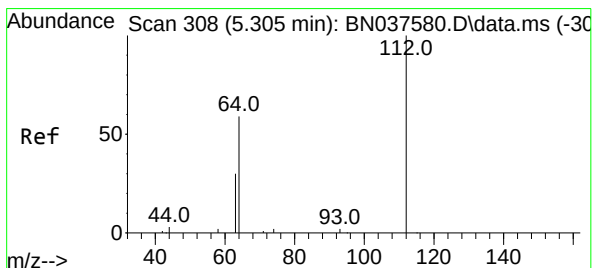
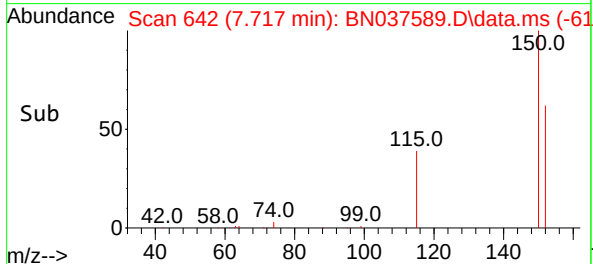
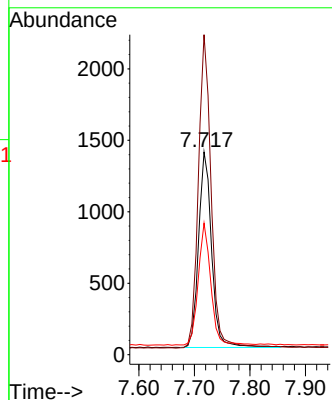


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.717 min Scan# 642  
Delta R.T. 0.000 min  
Lab File: BN037589.D  
Acq: 13 Aug 2025 11:05

Instrument :  
BNA\_N  
ClientSampleId :  
PB169222BL

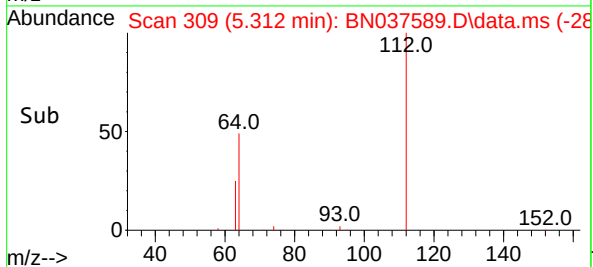
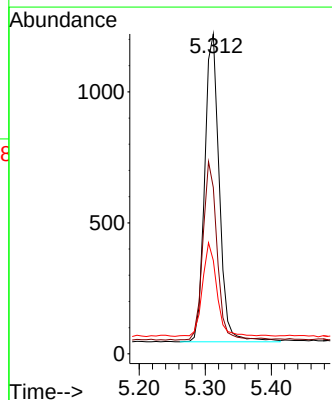
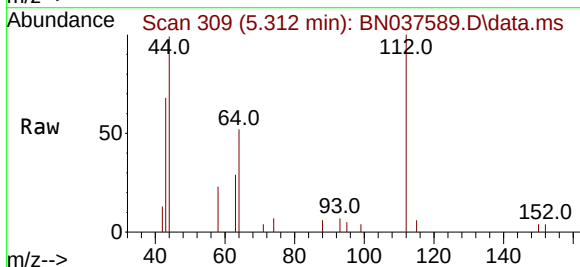


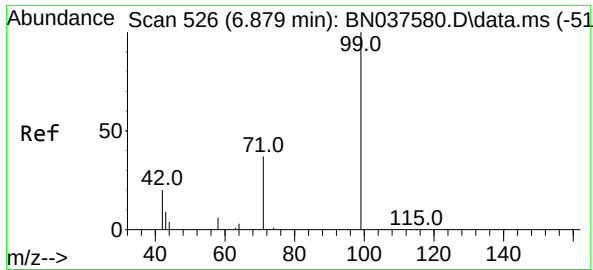
Tgt Ion:152 Resp: 2235  
Ion Ratio Lower Upper  
152 100  
150 157.9 122.2 183.4  
115 64.9 49.8 74.6



#4  
2-Fluorophenol  
Concen: 0.355 ng  
RT: 5.312 min Scan# 309  
Delta R.T. 0.007 min  
Lab File: BN037589.D  
Acq: 13 Aug 2025 11:05

Tgt Ion:112 Resp: 1799  
Ion Ratio Lower Upper  
112 100  
64 55.9 44.9 67.3  
63 29.9 23.4 35.2

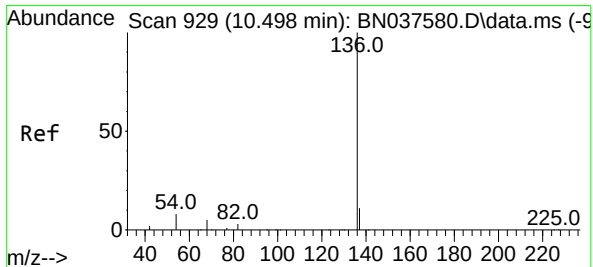
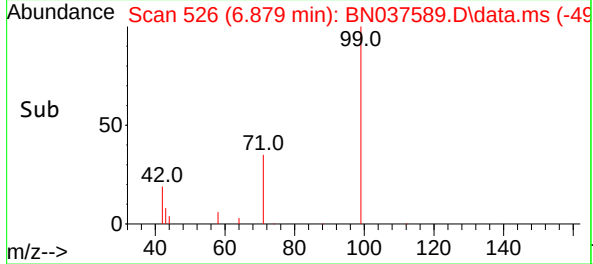
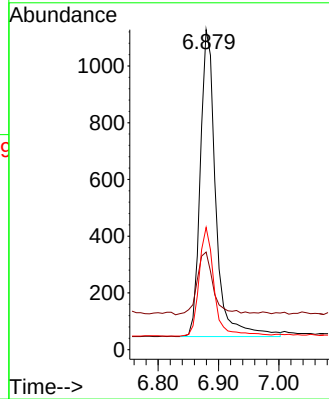
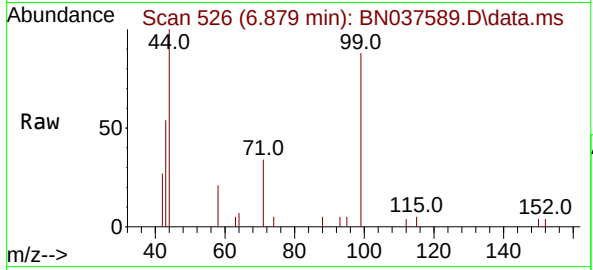




#5  
Phenol-d6  
Concen: 0.316 ng  
RT: 6.879 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BN037589.D  
Acq: 13 Aug 2025 11:05

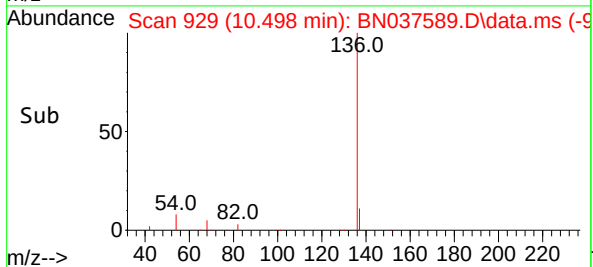
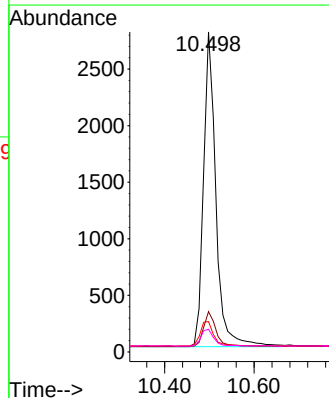
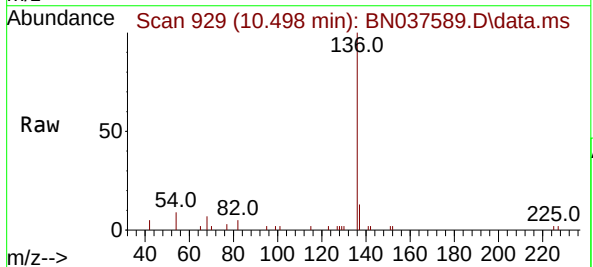
Instrument :  
BNA\_N  
ClientSampleId :  
PB169222BL

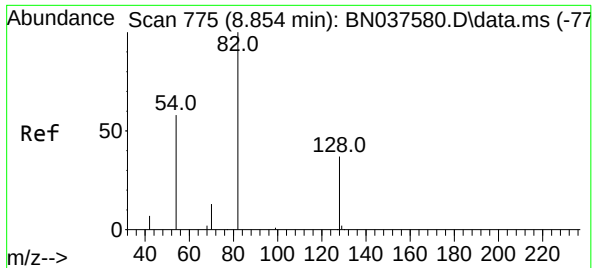
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 1927  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 22.0  | 18.5  | 27.7  |
| 71       | 34.4  | 28.6  | 42.8  |



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.498 min Scan# 929  
Delta R.T. 0.000 min  
Lab File: BN037589.D  
Acq: 13 Aug 2025 11:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 5344  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.6  | 9.5   | 14.3  |
| 54       | 9.5   | 7.3   | 10.9  |
| 68       | 7.1   | 5.1   | 7.7   |

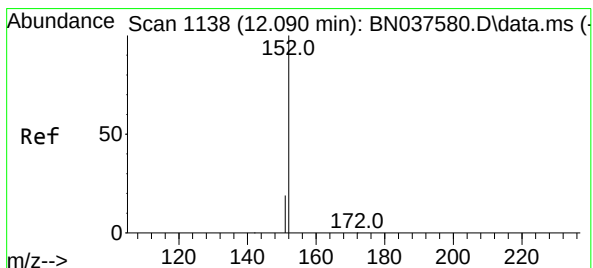
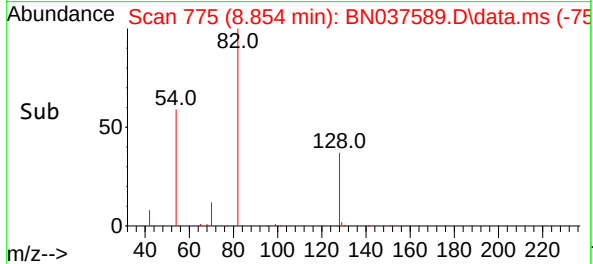
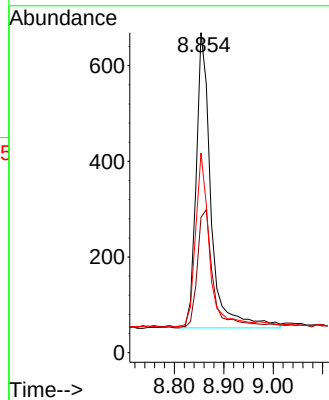
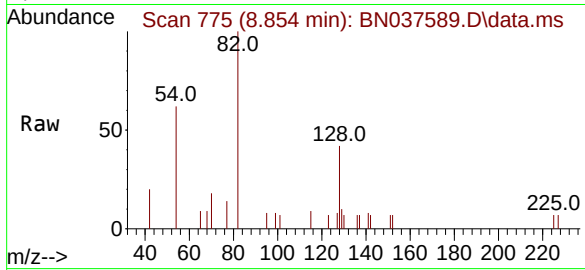




#8  
Nitrobenzene-d5  
Concen: 0.342 ng  
RT: 8.854 min Scan# 775  
Delta R.T. 0.000 min  
Lab File: BN037589.D  
Acq: 13 Aug 2025 11:05

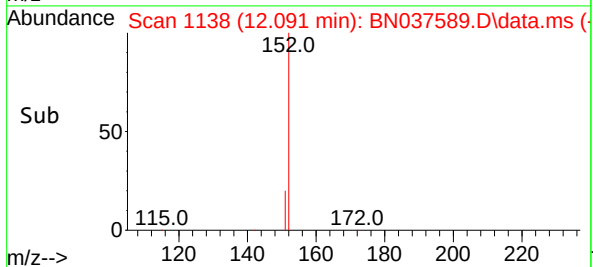
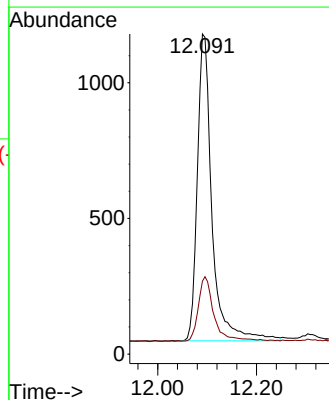
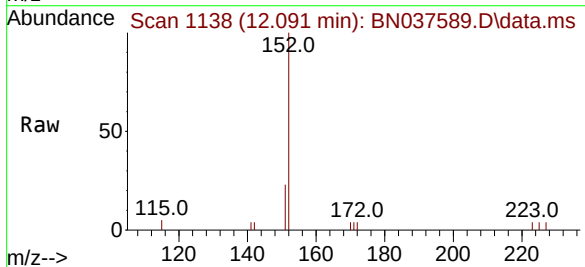
Instrument :  
BNA\_N  
ClientSampleId :  
PB169222BL

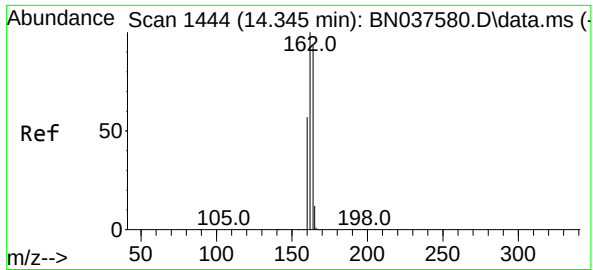
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 1286  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 42.3  | 32.6  | 48.8  |
| 54       | 62.3  | 48.9  | 73.3  |



#11  
2-Methylnaphthalene-d10  
Concen: 0.320 ng  
RT: 12.091 min Scan# 1138  
Delta R.T. 0.000 min  
Lab File: BN037589.D  
Acq: 13 Aug 2025 11:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 2324  |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 21.9  | 17.3  | 25.9  |

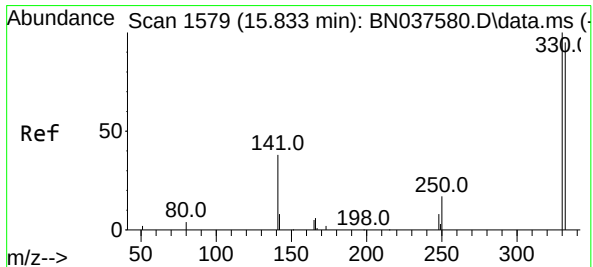
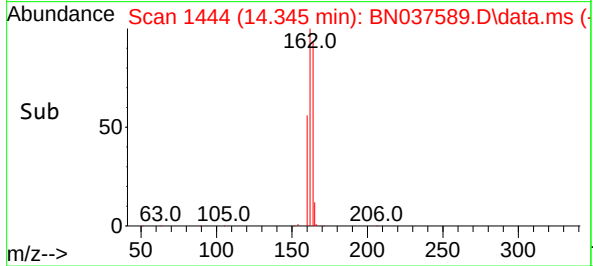
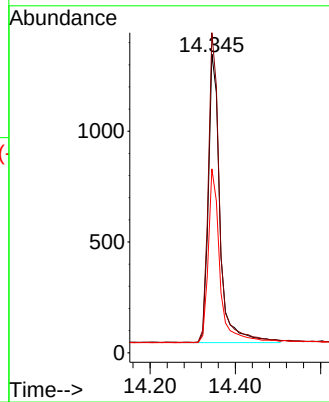
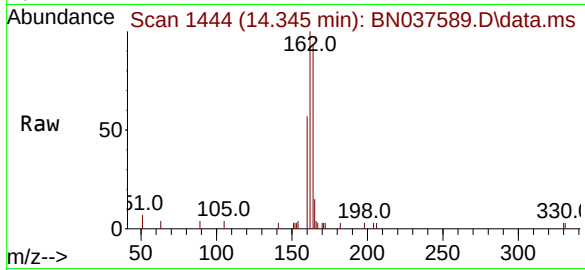




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.345 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: BN037589.D  
Acq: 13 Aug 2025 11:05

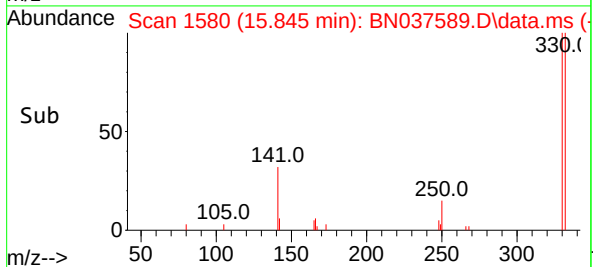
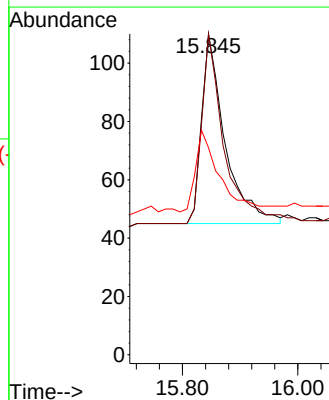
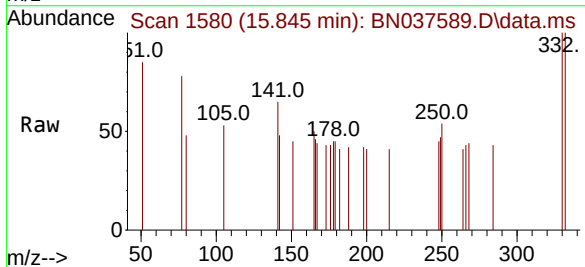
Instrument :  
BNA\_N  
ClientSampleId :  
PB169222BL

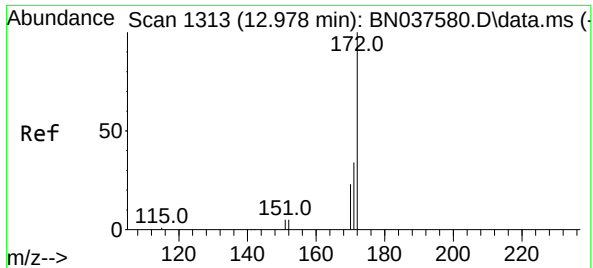
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 2468  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 162      | 107.1 | 85.5  | 128.3 |
| 160      | 61.5  | 49.5  | 74.3  |



#14  
2,4,6-Tribromophenol  
Concen: 0.170 ng  
RT: 15.845 min Scan# 1580  
Delta R.T. 0.013 min  
Lab File: BN037589.D  
Acq: 13 Aug 2025 11:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 330   | Resp: | 184   |
| Ion      | Ratio | Lower | Upper |
| 330      | 100   |       |       |
| 332      | 96.2  | 77.4  | 116.0 |
| 141      | 44.0  | 30.9  | 46.3  |

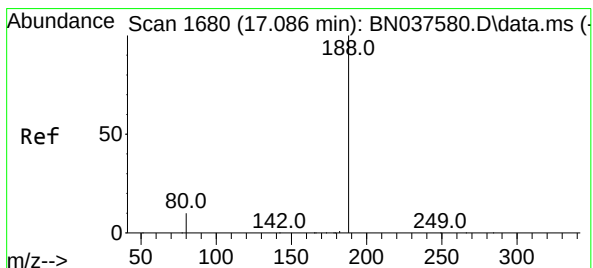
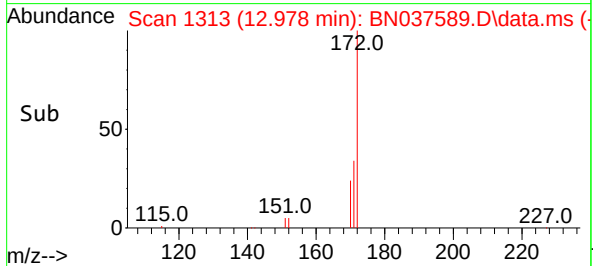
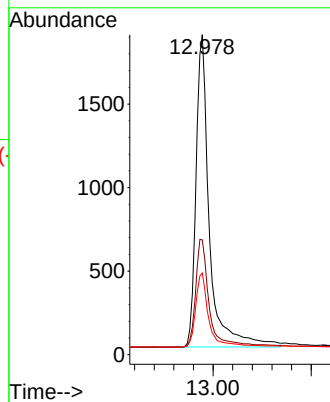
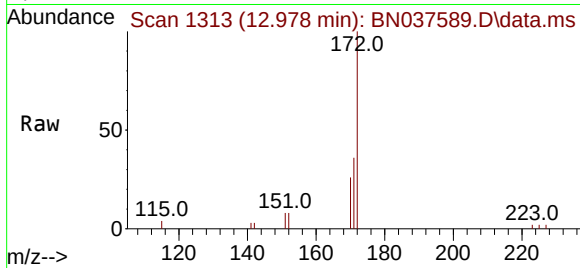




#15  
2-Fluorobiphenyl  
Concen: 0.345 ng  
RT: 12.978 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN037589.D  
Acq: 13 Aug 2025 11:05

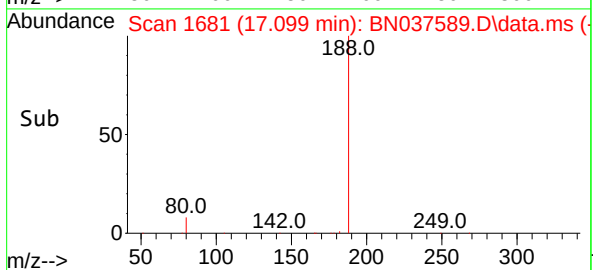
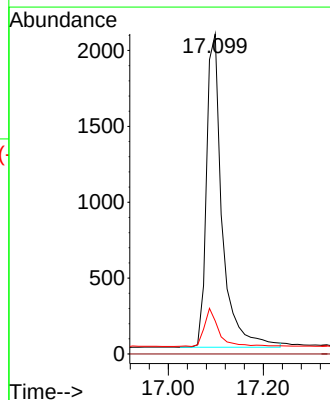
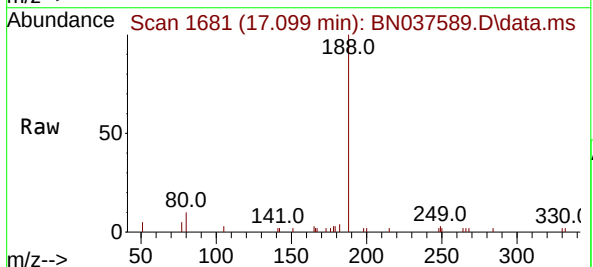
Instrument :  
BNA\_N  
ClientSampleId :  
PB169222BL

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 172   | Resp: | 4926 |
| Ion Ratio | Lower | Upper |      |
| 172       | 100   |       |      |
| 171       | 35.9  | 28.2  | 42.4 |
| 170       | 25.5  | 19.2  | 28.8 |

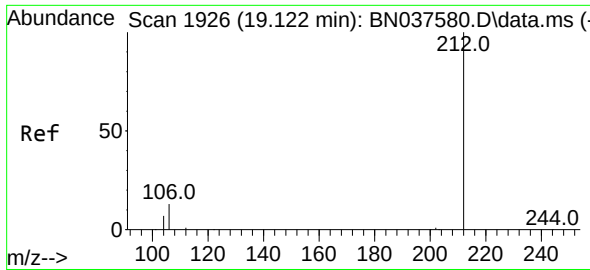


#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.099 min Scan# 1681  
Delta R.T. 0.013 min  
Lab File: BN037589.D  
Acq: 13 Aug 2025 11:05

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 188   | Resp: | 4726 |
| Ion Ratio | Lower | Upper |      |
| 188       | 100   |       |      |
| 94        | 0.0   | 0.0   | 0.0  |
| 80        | 10.3  | 9.1   | 13.7 |



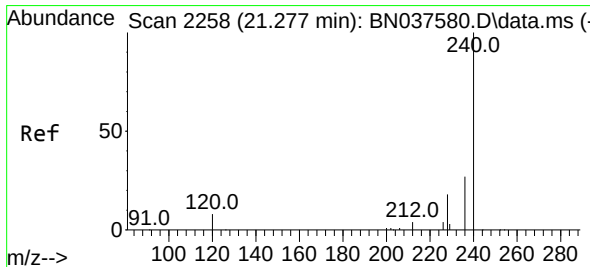
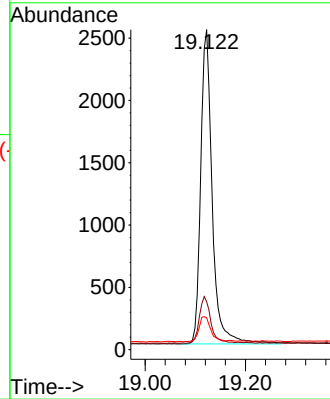
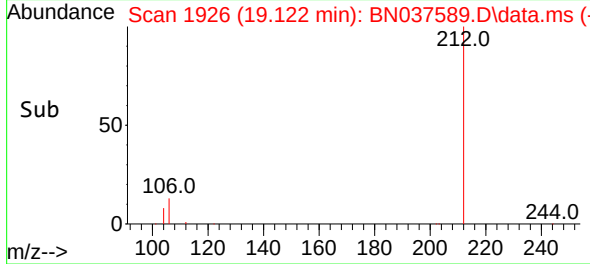
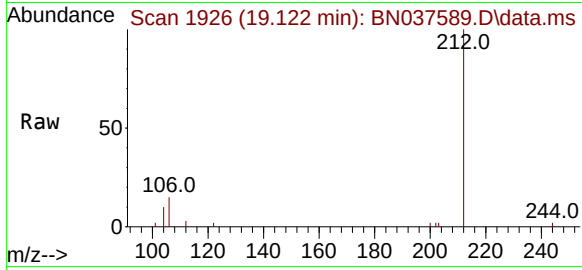




#27  
Fluoranthene-d10  
Concen: 0.323 ng  
RT: 19.122 min Scan# 1926  
Delta R.T. 0.000 min  
Lab File: BN037589.D  
Acq: 13 Aug 2025 11:05

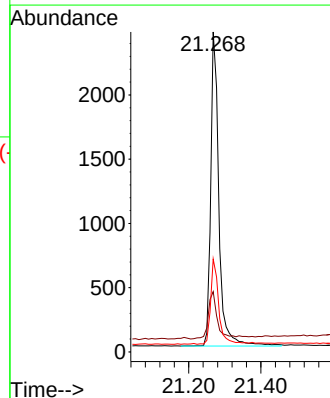
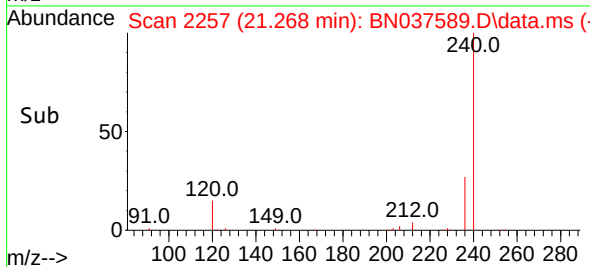
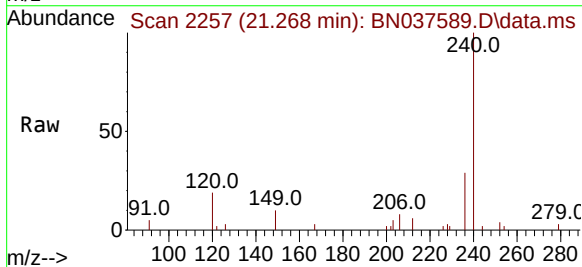
Instrument :  
BNA\_N  
ClientSampleId :  
PB169222BL

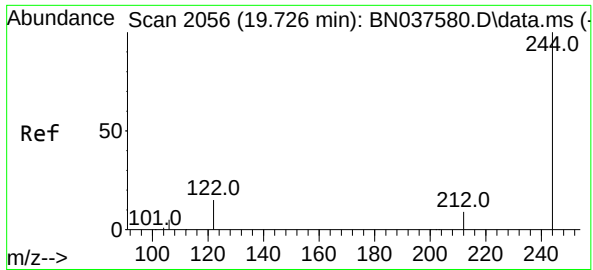
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 212     | 100   |       |       |
| 106     | 14.6  | 11.5  | 17.3  |
| 104     | 8.1   | 6.6   | 9.8   |



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.268 min Scan# 2257  
Delta R.T. -0.009 min  
Lab File: BN037589.D  
Acq: 13 Aug 2025 11:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 18.8  | 8.9   | 13.3  |
| 236     | 29.0  | 22.6  | 33.8  |

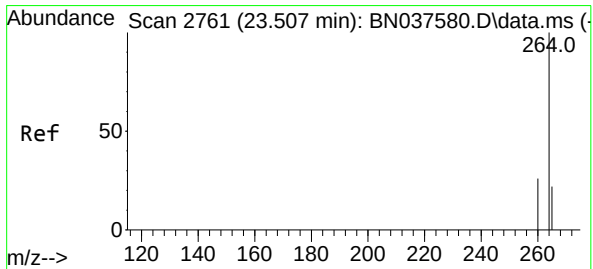
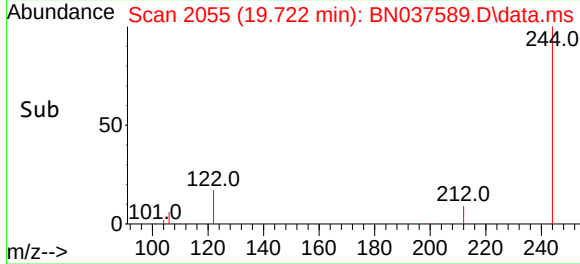
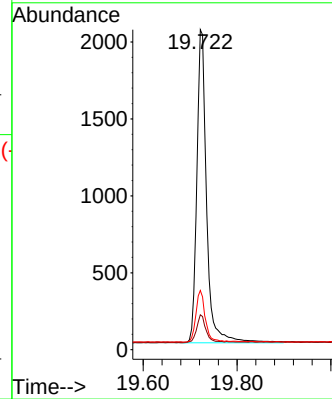
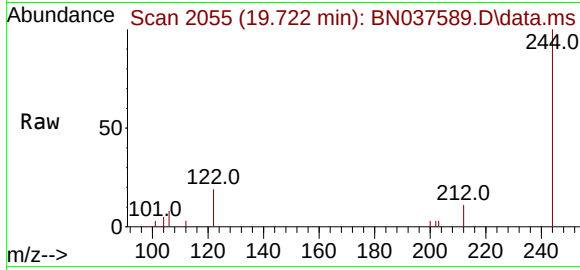




#31  
Terphenyl-d14  
Concen: 0.376 ng  
RT: 19.722 min Scan# 2055  
Delta R.T. -0.005 min  
Lab File: BN037589.D  
Acq: 13 Aug 2025 11:05

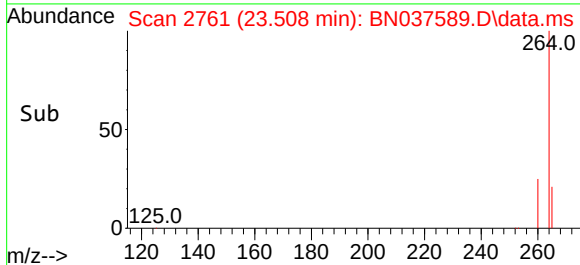
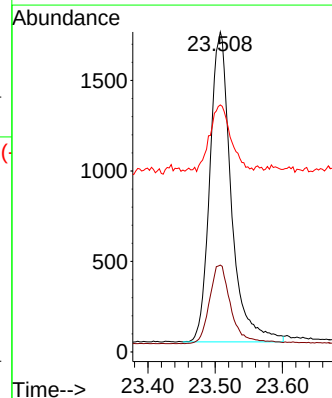
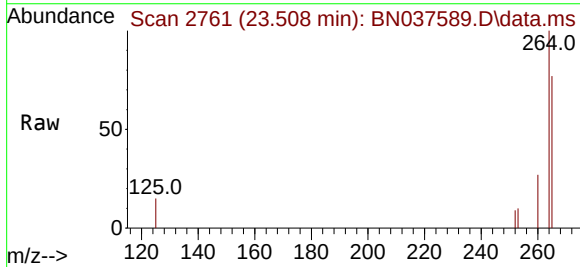
Instrument :  
BNA\_N  
ClientSampleId :  
PB169222BL

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 10.9  | 8.2   | 12.2  |
| 122     | 18.5  | 13.2  | 19.8  |



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.508 min Scan# 2761  
Delta R.T. 0.000 min  
Lab File: BN037589.D  
Acq: 13 Aug 2025 11:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 27.1  | 21.6  | 32.4  |
| 265     | 77.2  | 48.2  | 72.4  |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN081325\  
 Data File : BN037596.D  
 Acq On : 13 Aug 2025 15:22  
 Operator : RC/JU  
 Sample : PB169222BS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB169222BS

A  
B  
C  
D  
E  
F  
G  
H  
I  
J  
K

Quant Time: Aug 13 15:43:30 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 13 05:00:58 2025  
 Response via : Initial Calibration

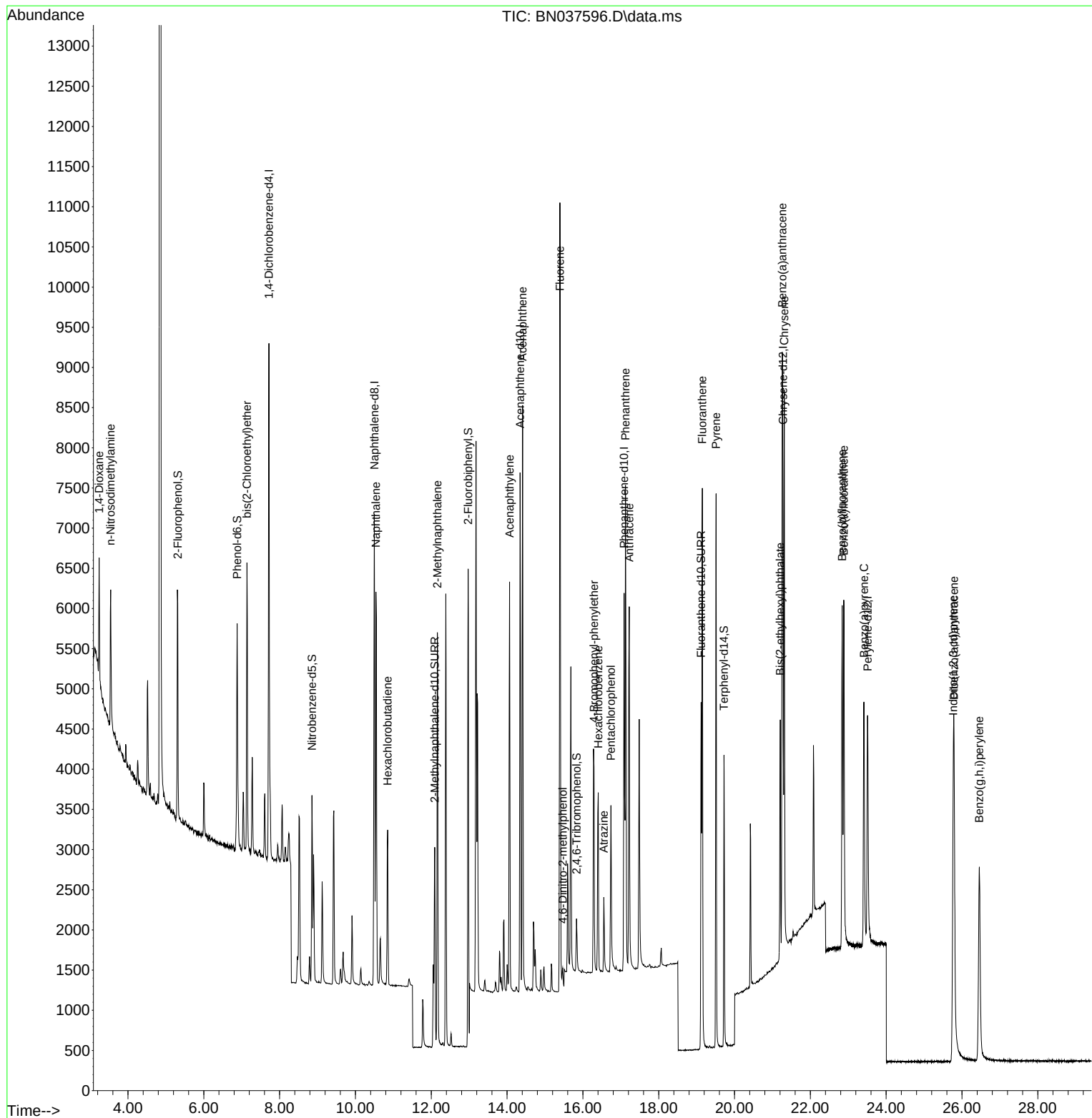
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.717  | 152  | 3068     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.498 | 136  | 7591     | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.345 | 164  | 3534     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.086 | 188  | 6432     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.277 | 240  | 4873     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.510 | 264  | 4192     | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.312  | 112  | 2293     | 0.330 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.879  | 99   | 2590     | 0.309 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.854  | 82   | 1791     | 0.335 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.090 | 152  | 3480     | 0.337 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.833 | 330  | 442      | 0.286 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.973 | 172  | 7275     | 0.356 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.118 | 212  | 5070     | 0.300 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.722 | 244  | 3723     | 0.371 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.239  | 88   | 802      | 0.273 | ng    | # 76     |
| 3) n-Nitrosodimethylamine     | 3.543  | 42   | 1116     | 0.298 | ng    | # 85     |
| 6) bis(2-Chloroethyl)ether    | 7.139  | 93   | 2600     | 0.345 | ng    | 98       |
| 9) Naphthalene                | 10.541 | 128  | 6736     | 0.333 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.850 | 225  | 1635     | 0.331 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.161 | 142  | 3749     | 0.296 | ng    | 98       |
| 16) Acenaphthylene            | 14.067 | 152  | 5698     | 0.360 | ng    | 99       |
| 17) Acenaphthene              | 14.409 | 154  | 3471     | 0.322 | ng    | 99       |
| 18) Fluorene                  | 15.392 | 166  | 4368     | 0.310 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.467 | 198  | 231      | 0.378 | ng    | 90       |
| 21) 4-Bromophenyl-phenylether | 16.292 | 248  | 1337     | 0.331 | ng    | 93       |
| 22) Hexachlorobenzene         | 16.404 | 284  | 2000     | 0.349 | ng    | 99       |
| 23) Atrazine                  | 16.553 | 200  | 807      | 0.353 | ng    | 98       |
| 24) Pentachlorophenol         | 16.739 | 266  | 1130     | 0.561 | ng    | 98       |
| 25) Phenanthrene              | 17.124 | 178  | 6473     | 0.331 | ng    | 99       |
| 26) Anthracene                | 17.223 | 178  | 5692     | 0.329 | ng    | 99       |
| 28) Fluoranthene              | 19.150 | 202  | 6474     | 0.288 | ng    | 99       |
| 30) Pyrene                    | 19.513 | 202  | 6217     | 0.341 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.259 | 228  | 5547     | 0.341 | ng    | 99       |
| 33) Chrysene                  | 21.313 | 228  | 6161     | 0.340 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.205 | 149  | 2008     | 0.299 | ng    | 96       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.770 | 276  | 5987     | 0.339 | ng    | 100      |
| 37) Benzo(b)fluoranthene      | 22.841 | 252  | 5458     | 0.344 | ng    | 97       |
| 38) Benzo(k)fluoranthene      | 22.882 | 252  | 5754     | 0.321 | ng    | 99       |
| 39) Benzo(a)pyrene            | 23.414 | 252  | 4770     | 0.362 | ng    | 97       |
| 40) Dibenzo(a,h)anthracene    | 25.791 | 278  | 4628     | 0.338 | ng    | 100      |
| 41) Benzo(g,h,i)perylene      | 26.457 | 276  | 5279     | 0.366 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN081325\  
Data File : BN037596.D  
Acq On : 13 Aug 2025 15:22  
Operator : RC/JU  
Sample : PB169222BS  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB169222BS

Quant Time: Aug 13 15:43:30 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Aug 13 05:00:58 2025  
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN081325\  
 Data File : BN037597.D  
 Acq On : 13 Aug 2025 15:58  
 Operator : RC/JU  
 Sample : PB169222BSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB169222BSD

Quant Time: Aug 13 16:26:16 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 13 05:00:58 2025  
 Response via : Initial Calibration

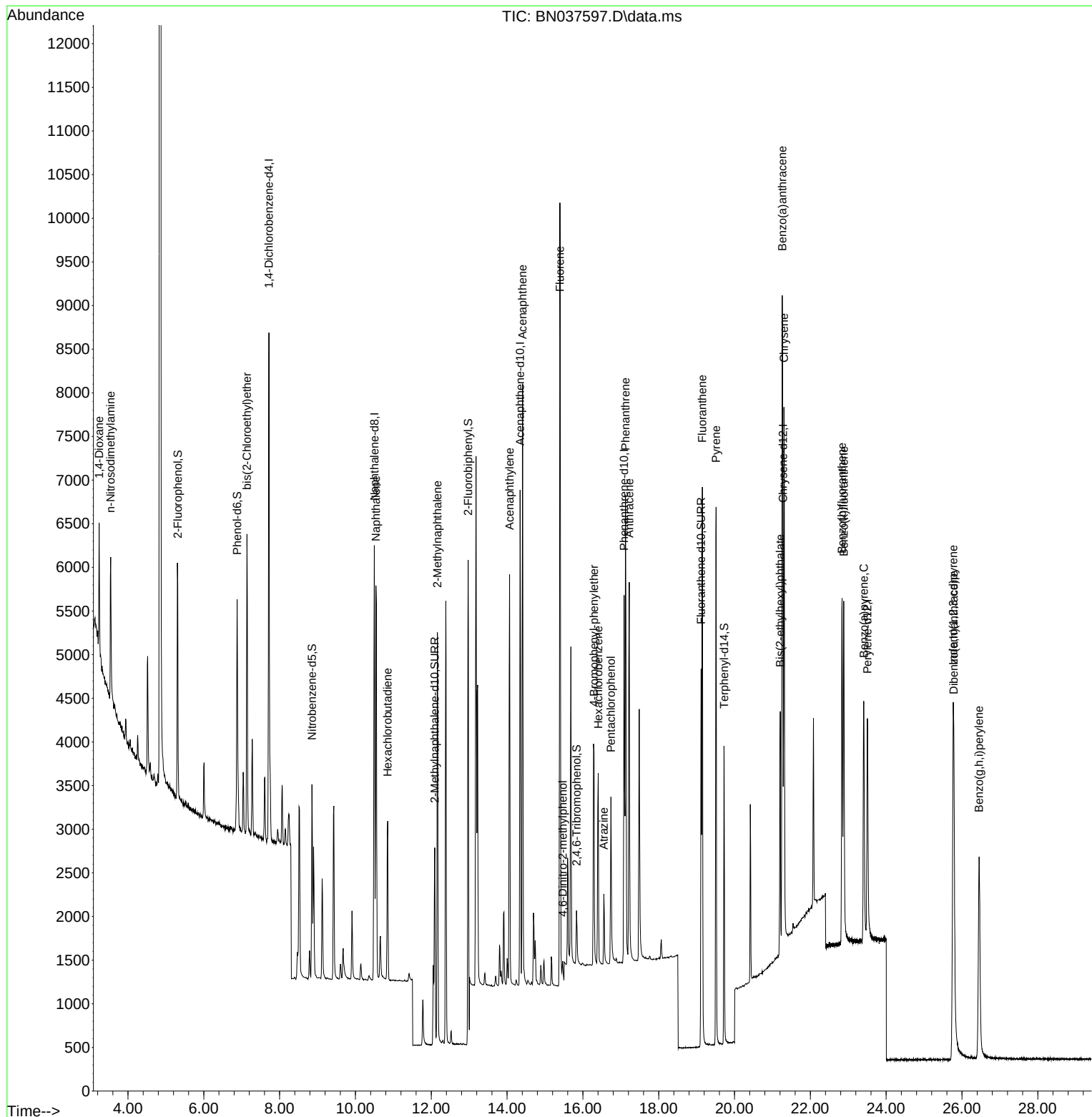
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.717  | 152  | 2742     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.498 | 136  | 6598     | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.345 | 164  | 3080     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.086 | 188  | 5659     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.277 | 240  | 4216     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.505 | 264  | 3616     | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.312  | 112  | 2133     | 0.343 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.879  | 99   | 2445     | 0.327 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.854  | 82   | 1693     | 0.364 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.090 | 152  | 3138     | 0.350 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.833 | 330  | 400      | 0.297 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.973 | 172  | 6923     | 0.389 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.118 | 212  | 4762     | 0.320 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.726 | 244  | 3509     | 0.405 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.239  | 88   | 759      | 0.289 | ng    | # 75     |
| 3) n-Nitrosodimethylamine     | 3.543  | 42   | 1121     | 0.334 | ng    | # 93     |
| 6) bis(2-Chloroethyl)ether    | 7.139  | 93   | 2433     | 0.361 | ng    | 97       |
| 9) Naphthalene                | 10.541 | 128  | 6304     | 0.359 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.850 | 225  | 1564     | 0.364 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.161 | 142  | 3491     | 0.317 | ng    | 99       |
| 16) Acenaphthylene            | 14.067 | 152  | 5329     | 0.386 | ng    | 98       |
| 17) Acenaphthene              | 14.409 | 154  | 3263     | 0.347 | ng    | 97       |
| 18) Fluorene                  | 15.392 | 166  | 4095     | 0.333 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.467 | 198  | 193      | 0.369 | ng    | 95       |
| 21) 4-Bromophenyl-phenylether | 16.292 | 248  | 1254     | 0.353 | ng    | 94       |
| 22) Hexachlorobenzene         | 16.404 | 284  | 1910     | 0.379 | ng    | 99       |
| 23) Atrazine                  | 16.553 | 200  | 751      | 0.373 | ng    | 98       |
| 24) Pentachlorophenol         | 16.739 | 266  | 1030     | 0.582 | ng    | 98       |
| 25) Phenanthrene              | 17.124 | 178  | 6061     | 0.352 | ng    | 99       |
| 26) Anthracene                | 17.223 | 178  | 5316     | 0.349 | ng    | 99       |
| 28) Fluoranthene              | 19.150 | 202  | 6065     | 0.307 | ng    | 99       |
| 30) Pyrene                    | 19.513 | 202  | 5813     | 0.369 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.259 | 228  | 5245     | 0.372 | ng    | 99       |
| 33) Chrysene                  | 21.304 | 228  | 5767     | 0.367 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.205 | 149  | 1866     | 0.321 | ng    | 100      |
| 36) Indeno(1,2,3-cd)pyrene    | 25.767 | 276  | 5820     | 0.382 | ng    | 100      |
| 37) Benzo(b)fluoranthene      | 22.835 | 252  | 5199     | 0.379 | ng    | 98       |
| 38) Benzo(k)fluoranthene      | 22.879 | 252  | 5467     | 0.354 | ng    | 99       |
| 39) Benzo(a)pyrene            | 23.411 | 252  | 4407     | 0.388 | ng    | 98       |
| 40) Dibenzo(a,h)anthracene    | 25.785 | 278  | 4450     | 0.376 | ng    | 99       |
| 41) Benzo(g,h,i)perylene      | 26.452 | 276  | 5052     | 0.406 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN081325\  
Data File : BN037597.D  
Acq On : 13 Aug 2025 15:58  
Operator : RC/JU  
Sample : PB169222BSD  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB169222BSD

Quant Time: Aug 13 16:26:16 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Aug 13 05:00:58 2025  
Response via : Initial Calibration





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | BN081225 | Instrument | BNA_n |
|-----------|----------|------------|-------|

|           |         |           |           |           |               |               |        |
|-----------|---------|-----------|-----------|-----------|---------------|---------------|--------|
| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|-----------|---------|-----------|-----------|-----------|---------------|---------------|--------|



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

## Manual Integration Report

Sequence:

BN081325

Instrument

BNA\_n

Sample ID

File ID

Parameter

Review By

Review On

Supervised  
By

Supervised On

Reason



Instrument ID: **BNA\_N**

**Daily Analysis Runlog For Sequence/QC Batch ID # BN081225**

|                          |                                                  |                   |                                               |
|--------------------------|--------------------------------------------------|-------------------|-----------------------------------------------|
| Review By                | Rahul                                            | Review On         | 8/13/2025 11:25:23 AM                         |
| Supervise By             | Jagrut                                           | Supervise On      | 8/13/2025 11:26:50 AM                         |
| SubDirectory             | BN081225                                         | HP Acquire Method | BNA_N, 8270_SiM HP Processing Method bn081225 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                 |                   |                                               |
| Tune/Reschk              | SP6757                                           |                   |                                               |
| Initial Calibration Stds | SP6842,SP6843,SP6844,SP6845,SP6846,SP6847,SP6848 |                   |                                               |
| CCC                      | SP6846                                           |                   |                                               |
| Internal Standard/PEM    | SP6830,1ul/100ul sample                          |                   |                                               |
| ICV/I.BLK                | SP6854                                           |                   |                                               |
| Surrogate Standard       |                                                  |                   |                                               |
| MS/MSD Standard          |                                                  |                   |                                               |
| LCS Standard             |                                                  |                   |                                               |

| Sr# | SampleId    | Data File Name | Date-Time         | Operator | Status |
|-----|-------------|----------------|-------------------|----------|--------|
| 1   | DFTPP       | BN037576.D     | 12 Aug 2025 15:05 | RC/JU    | Ok     |
| 2   | SSTDCCC0.4  | BN037577.D     | 12 Aug 2025 15:49 | RC/JU    | Not Ok |
| 3   | SSTDICC0.1  | BN037578.D     | 12 Aug 2025 16:26 | RC/JU    | Ok     |
| 4   | SSTDICC0.2  | BN037579.D     | 12 Aug 2025 17:03 | RC/JU    | Ok     |
| 5   | SSTDICCC0.4 | BN037580.D     | 12 Aug 2025 17:39 | RC/JU    | Ok     |
| 6   | SSTDICC0.8  | BN037581.D     | 12 Aug 2025 18:16 | RC/JU    | Ok     |
| 7   | SSTDICC1.6  | BN037582.D     | 12 Aug 2025 18:52 | RC/JU    | Ok     |
| 8   | SSTDICC3.2  | BN037583.D     | 12 Aug 2025 19:29 | RC/JU    | Ok     |
| 9   | SSTDICC5.0  | BN037584.D     | 12 Aug 2025 20:05 | RC/JU    | Ok     |
| 10  | SSTDICV0.4  | BN037585.D     | 12 Aug 2025 20:42 | RC/JU    | Ok     |
| 11  | PB169094BL  | BN037586.D     | 12 Aug 2025 21:55 | RC/JU    | Ok     |

M : Manual Integration

Instrument ID: BNA\_N

**Daily Analysis Runlog For Sequence/QC Batch ID # BN081325**

|                          |                                                  |                   |                                               |
|--------------------------|--------------------------------------------------|-------------------|-----------------------------------------------|
| Review By                | Rahul                                            | Review On         | 8/14/2025 10:14:13 AM                         |
| Supervise By             | Jagrut                                           | Supervise On      | 8/15/2025 3:48:33 PM                          |
| SubDirectory             | BN081325                                         | HP Acquire Method | BNA_N, 8270_SiM HP Processing Method bn081225 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                 |                   |                                               |
| Tune/Reschk              | SP6757                                           |                   |                                               |
| Initial Calibration Stds | SP6842,SP6843,SP6844,SP6845,SP6846,SP6847,SP6848 |                   |                                               |
| CCC                      | SP6846                                           |                   |                                               |
| Internal Standard/PEM    | SP6830,1ul/100ul sample                          |                   |                                               |
| ICV/I.BLK                | SP6854                                           |                   |                                               |
| Surrogate Standard       |                                                  |                   |                                               |
| MS/MSD Standard          |                                                  |                   |                                               |
| LCS Standard             |                                                  |                   |                                               |

| Sr# | SampleId    | Data File Name | Date-Time         | Operator | Status |
|-----|-------------|----------------|-------------------|----------|--------|
| 1   | DFTPP       | BN037587.D     | 13 Aug 2025 09:48 | RC/JU    | Ok     |
| 2   | SSTDCCC0.4  | BN037588.D     | 13 Aug 2025 10:28 | RC/JU    | Ok     |
| 3   | PB169222BL  | BN037589.D     | 13 Aug 2025 11:05 | RC/JU    | Ok     |
| 4   | Q2805-01    | BN037590.D     | 13 Aug 2025 11:42 | RC/JU    | Ok     |
| 5   | Q2805-02    | BN037591.D     | 13 Aug 2025 12:18 | RC/JU    | Ok     |
| 6   | Q2806-01    | BN037592.D     | 13 Aug 2025 12:55 | RC/JU    | Ok     |
| 7   | Q2806-02    | BN037593.D     | 13 Aug 2025 13:31 | RC/JU    | Ok     |
| 8   | Q2806-03    | BN037594.D     | 13 Aug 2025 14:08 | RC/JU    | Ok     |
| 9   | Q2825-01    | BN037595.D     | 13 Aug 2025 14:45 | RC/JU    | Ok     |
| 10  | PB169222BS  | BN037596.D     | 13 Aug 2025 15:22 | RC/JU    | Ok     |
| 11  | PB169222BSD | BN037597.D     | 13 Aug 2025 15:58 | RC/JU    | Ok     |
| 12  | SSTDCCC0.4  | BN037598.D     | 13 Aug 2025 16:35 | RC/JU    | Ok     |

M : Manual Integration

Instrument ID: BNA\_N

**Daily Analysis Runlog For Sequence/QC Batch ID # BN081225**

|                          |                                                  |                   |                                           |
|--------------------------|--------------------------------------------------|-------------------|-------------------------------------------|
| Review By                | Rahul                                            | Review On         | 8/13/2025 11:25:23 AM                     |
| Supervise By             | Jagrut                                           | Supervise On      | 8/13/2025 11:26:50 AM                     |
| SubDirectory             | BN081225                                         | HP Acquire Method | BNA_N, 8270_HP Processing Method bn081225 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                 |                   |                                           |
| Tune/Reschk              | SP6757                                           |                   |                                           |
| Initial Calibration Stds | SP6842,SP6843,SP6844,SP6845,SP6846,SP6847,SP6848 |                   |                                           |
| CCC                      | SP6846                                           |                   |                                           |
| Internal Standard/PEM    | SP6830,1ul/100ul sample                          |                   |                                           |
| ICV/I.BLK                | SP6854                                           |                   |                                           |
| Surrogate Standard       |                                                  |                   |                                           |
| MS/MSD Standard          |                                                  |                   |                                           |
| LCS Standard             |                                                  |                   |                                           |

| Sr# | SampleId    | ClientID    | Data File Name | Date-Time         | Comment                          | Operator | Status |
|-----|-------------|-------------|----------------|-------------------|----------------------------------|----------|--------|
| 1   | DFTPP       | DFTPP       | BN037576.D     | 12 Aug 2025 15:05 |                                  | RC/JU    | Ok     |
| 2   | SSTDCCC0.4  | SSTDCCC0.4  | BN037577.D     | 12 Aug 2025 15:49 | A Fresh Calibration is required  | RC/JU    | Not Ok |
| 3   | SSTDICC0.1  | SSTDICC0.1  | BN037578.D     | 12 Aug 2025 16:26 |                                  | RC/JU    | Ok     |
| 4   | SSTDICC0.2  | SSTDICC0.2  | BN037579.D     | 12 Aug 2025 17:03 |                                  | RC/JU    | Ok     |
| 5   | SSTDICCC0.4 | SSTDICCC0.4 | BN037580.D     | 12 Aug 2025 17:39 | Compound #20 kept on LR          | RC/JU    | Ok     |
| 6   | SSTDICC0.8  | SSTDICC0.8  | BN037581.D     | 12 Aug 2025 18:16 |                                  | RC/JU    | Ok     |
| 7   | SSTDICC1.6  | SSTDICC1.6  | BN037582.D     | 12 Aug 2025 18:52 |                                  | RC/JU    | Ok     |
| 8   | SSTDICC3.2  | SSTDICC3.2  | BN037583.D     | 12 Aug 2025 19:29 |                                  | RC/JU    | Ok     |
| 9   | SSTDICC5.0  | SSTDICC5.0  | BN037584.D     | 12 Aug 2025 20:05 | Comp #20,23,24 removed from 5ppm | RC/JU    | Ok     |
| 10  | SSTDICV0.4  | ICVBN081225 | BN037585.D     | 12 Aug 2025 20:42 |                                  | RC/JU    | Ok     |
| 11  | PB169094BL  | PB169094BL  | BN037586.D     | 12 Aug 2025 21:55 |                                  | RC/JU    | Ok     |

M : Manual Integration

Instrument ID: BNA\_N

**Daily Analysis Runlog For Sequence/QC Batch ID # BN081325**

|              |          |                   |                                           |
|--------------|----------|-------------------|-------------------------------------------|
| Review By    | Rahul    | Review On         | 8/14/2025 10:14:13 AM                     |
| Supervise By | Jagrut   | Supervise On      | 8/15/2025 3:48:33 PM                      |
| SubDirectory | BN081325 | HP Acquire Method | BNA_N, 8270_HP Processing Method bn081225 |

| STD. NAME                | STD REF.#                                              |
|--------------------------|--------------------------------------------------------|
| Tune/Reschk              | SP6757                                                 |
| Initial Calibration Stds | SP6842, SP6843, SP6844, SP6845, SP6846, SP6847, SP6848 |
| CCC                      | SP6846                                                 |
| Internal Standard/PEM    | SP6830, 1ul/100ul sample                               |
| ICV/I.BLK                | SP6854                                                 |
| Surrogate Standard       |                                                        |
| MS/MSD Standard          |                                                        |
| LCS Standard             |                                                        |

| Sr# | SampleID    | ClientID           | Data File Name | Date-Time         | Comment | Operator | Status |
|-----|-------------|--------------------|----------------|-------------------|---------|----------|--------|
| 1   | DFTPP       | DFTPP              | BN037587.D     | 13 Aug 2025 09:48 |         | RC/JU    | Ok     |
| 2   | SSTDCCC0.4  | SSTDCCC0.4         | BN037588.D     | 13 Aug 2025 10:28 |         | RC/JU    | Ok     |
| 3   | PB169222BL  | PB169222BL         | BN037589.D     | 13 Aug 2025 11:05 |         | RC/JU    | Ok     |
| 4   | Q2805-01    | RW8-SP100-20250807 | BN037590.D     | 13 Aug 2025 11:42 |         | RC/JU    | Ok     |
| 5   | Q2805-02    | RW8-SP303-20250807 | BN037591.D     | 13 Aug 2025 12:18 |         | RC/JU    | Ok     |
| 6   | Q2806-01    | RW7-SP100-20250807 | BN037592.D     | 13 Aug 2025 12:55 |         | RC/JU    | Ok     |
| 7   | Q2806-02    | RW7-SP201-20250807 | BN037593.D     | 13 Aug 2025 13:31 |         | RC/JU    | Ok     |
| 8   | Q2806-03    | RW7-SP303-20250807 | BN037594.D     | 13 Aug 2025 14:08 |         | RC/JU    | Ok     |
| 9   | Q2825-01    | TW1                | BN037595.D     | 13 Aug 2025 14:45 |         | RC/JU    | Ok     |
| 10  | PB169222BS  | PB169222BS         | BN037596.D     | 13 Aug 2025 15:22 |         | RC/JU    | Ok     |
| 11  | PB169222BSD | PB169222BSD        | BN037597.D     | 13 Aug 2025 15:58 |         | RC/JU    | Ok     |
| 12  | SSTDCCC0.4  | SSTDCCC0.4EC       | BN037598.D     | 13 Aug 2025 16:35 |         | RC/JU    | Ok     |

M : Manual Integration

**SOP ID:** M3510C,3580A-Extraction SVOC-21

**Clean Up SOP #:** N/A **Extraction Start Date :** 08/12/2025

**Matrix :** Water **Extraction Start Time :** 08:52

**Welgh By:** N/A **Extraction By:** RS **Extraction End Date :** 08/12/2025

**Balance check:** N/A **Filter By:** RJ **Extraction End Time :** 13:50

**Balance ID:** N/A **pH Meter ID:** N/A **Concentration By:** RS

**pH Strip Lot#:** E3880 **Hood ID:** 4,6,7 **Supervisor By :** RUPESH

**Extraction Method:** ☒ Separatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

| Standard Name | MLS USED | Concentration ug/mL | STD REF. # FROM LOG |
|---------------|----------|---------------------|---------------------|
| Spike Sol 1   | 1.0ML    | 0.4 PPM             | SP6855              |
| Surrogate     | 1.0ML    | 0.4 PPM             | SP6831              |
| N/A           | N/A      | N/A                 | N/A                 |
| N/A           | N/A      | N/A                 | N/A                 |
| N/A           | N/A      | N/A                 | N/A                 |

| Chemical Used      | ML/SAMPLE USED | Lot Number |
|--------------------|----------------|------------|
| Methylene Chloride | N/A            | E3954      |
| Baked Na2SO4       | N/A            | EP2632     |
| 10N NaoH           | N/A            | EP2609     |
| H2SO4 1:1          | N/A            | EP2610     |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |

**Extraction Conformance/Non-Conformance Comments:**

1.5 ML Vial lot# 2210443. pH Adjusted<2 with 1:1 H2SO4 &>11 with 10 N NaOH.

**KD Bath ID:** WATER BATH-1,2 **Envap ID:** NEVAP-02

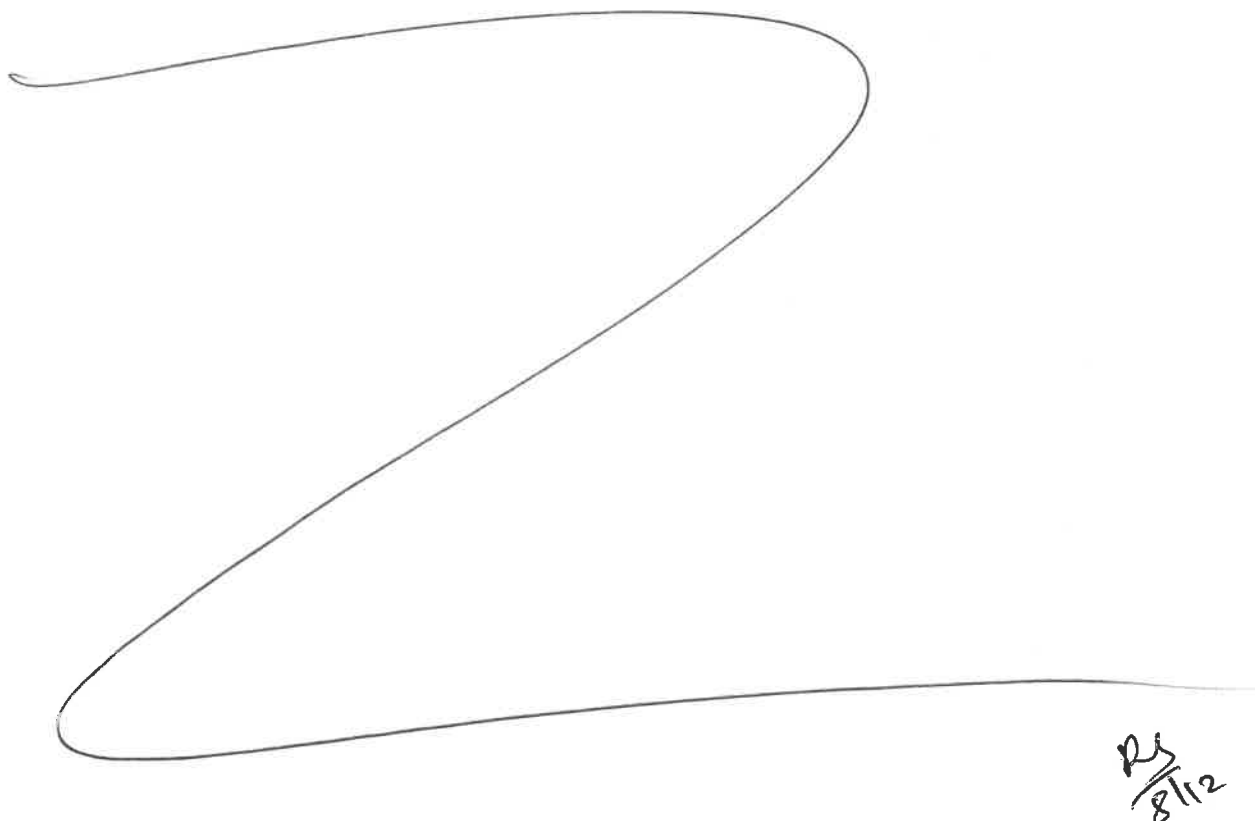
**KD Bath Temperature:** 60 °C **Envap Temperature:** 40 °C

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|-------------|-----------------------------------------|----------------------|
| 8/12/25     | RS (ECL-606)                            | Rclsvarc             |
| 13:55       | Preparation Group                       | Analysis Group       |

Analytical Method: M3510C,3580A-Extraction SVOC-21

Concentration Date: 08/04/2025

| Sample ID   | Client Sample ID   | Test               | g / mL | PH | Surr/Spike By: |            | Final Vol. (mL) | JarID | Comments | Prep Pos |
|-------------|--------------------|--------------------|--------|----|----------------|------------|-----------------|-------|----------|----------|
|             |                    |                    |        |    | AddedBy        | VerifiedBy |                 |       |          |          |
| PB169222BL  | SBLK222            | SVOC-SIMGrou<br>p1 | 1000   | 6  | RUPESH         | ritesh     | 1               |       |          | SEP-1    |
| PB169222BS  | SLCS222            | SVOC-SIMGrou<br>p1 | 1000   | 6  | RUPESH         | ritesh     | 1               |       |          | 2        |
| PB169222BSD | SLCSD222           | SVOC-SIMGrou<br>p1 | 1000   | 6  | RUPESH         | ritesh     | 1               |       |          | 3        |
| Q2805-01    | RW8-SP100-20250807 | SVOC-SIMGrou<br>p1 | 990    | 6  | RUPESH         | ritesh     | 1               | B     |          | 4        |
| Q2805-02    | RW8-SP303-20250807 | SVOC-SIMGrou<br>p1 | 980    | 6  | RUPESH         | ritesh     | 1               | D     |          | 5        |
| Q2806-01    | RW7-SP100-20250807 | SVOC-SIMGrou<br>p1 | 980    | 6  | RUPESH         | ritesh     | 1               |       |          | 6        |
| Q2806-02    | RW7-SP201-20250807 | SVOC-SIMGrou<br>p1 | 1000   | 6  | RUPESH         | ritesh     | 1               |       |          | 7        |
| Q2806-03    | RW7-SP303-20250807 | SVOC-SIMGrou<br>p1 | 890    | 6  | RUPESH         | ritesh     | 1               |       |          | 8        |
| Q2825-01    | TW1                | SVOC-SIMGrou<br>p1 | 990    | 6  | RUPESH         | ritesh     | 1               | D     |          | 9        |



PS  
8/1/2

1692221  
8:52

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2805      WorkList ID : 191234      Department : Extraction      Date : 08-12-2025 08:47:10

| Sample   | Customer Sample    | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method        |
|----------|--------------------|--------|----------------|--------------|----------|-----------------------------|--------------|---------------|
| Q2805-01 | RW8-SP100-20250807 | Water  | SVOC-SIMGroup1 | Cool 4 deg C | TETR06   | J22                         | 08/07/2025   | 8270-Modified |
| Q2805-02 | RW8-SP303-20250807 | Water  | SVOC-SIMGroup1 | Cool 4 deg C | TETR06   | J22                         | 08/07/2025   | 8270-Modified |
| Q2806-01 | RW7-SP100-20250807 | Water  | SVOC-SIMGroup1 | Cool 4 deg C | TETR06   | J11                         | 08/07/2025   | 8270-Modified |
| Q2806-02 | RW7-SP201-20250807 | Water  | SVOC-SIMGroup1 | Cool 4 deg C | TETR06   | J11                         | 08/07/2025   | 8270-Modified |
| Q2806-03 | RW7-SP303-20250807 | Water  | SVOC-SIMGroup1 | Cool 4 deg C | TETR06   | J11                         | 08/07/2025   | 8270-Modified |
| Q2825-01 | TW1                | Water  | SVOC-SIMGroup1 | Cool 4 deg C | GENV01   | D31                         | 08/10/2025   | 8270-Modified |

Date/Time 8/12/25 8:47  
Raw Sample Received by: PS (Ext-166)  
Raw Sample Relinquished by: CP SM

Date/Time 8/12/25 9:30  
Raw Sample Received by: CP SM  
Raw Sample Relinquished by: PS (Ext-166)

A  
B  
C  
D  
E  
F  
G  
H  
I  
J  
K

## LAB CHRONICLE

|                 |                 |                   |                       |
|-----------------|-----------------|-------------------|-----------------------|
| <b>OrderID:</b> | Q2825           | <b>OrderDate:</b> | 8/11/2025 2:06:00 PM  |
| <b>Client:</b>  | G Environmental | <b>Project:</b>   | DeCamp                |
| <b>Contact:</b> | Gary Landis     | <b>Location:</b>  | D31,VOA Ref. #3 Water |

| LabID    | ClientID | Matrix | Test           | Method        | Sample Date | Prep Date | Anal Date | Received |
|----------|----------|--------|----------------|---------------|-------------|-----------|-----------|----------|
| Q2825-01 | TW1      | Water  | SVOC-SIMGroup1 | 8270-Modified | 08/10/25    | 08/12/25  | 08/13/25  | 08/11/25 |