

## Cover Page

**Order ID :** Q3181

**Project ID :** 540 Degraw St, Brooklyn, NY - E9309

**Client :** ENTACT

**Lab Sample Number**

Q3181-01  
Q3181-02  
Q3181-03  
Q3181-04  
Q3181-05  
Q3181-06  
Q3181-07  
Q3181-08  
Q3181-09  
Q3181-10  
Q3181-11  
Q3181-12

**Client Sample Number**

WC-A3-01-G  
WC-A3-01-C  
WC-A3-01-C  
WC-A3-01-C  
WC-A3-02-G  
WC-A3-02-C  
WC-A3-02-C  
WC-A3-02-C  
WC-A3-03-G  
WC-A3-03-C  
WC-A3-03-C  
WC-A3-03-C

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : \_\_\_\_\_

Date: 9/30/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

## DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “Results Qualifiers” are used:

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Value | If the result is a value greater than or equal to the detection limit, report the value                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| U     | Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.                                                                                                                                                                                                                                 |
| ND    | Indicates the analyte was analyzed for, but not detected                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| J     | Indicates an estimated value. This flag is used:<br>(1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.)<br>(2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others. |
| B     | Indicates the analyte was found in the blank as well as the sample report as “12 B”.                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| E     | Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.                                                                                                                                                                                                                                                                                                                                                                                                                         |
| D     | This flag identifies all compounds identified in an analysis at a secondary dilution factor.                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| P     | This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.                                                                                                                                                                                                                                                                                                                        |
| N     | This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.                                                                                                                                                                                                                  |
| A     | This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Q     | Indicates the LCS did not meet the control limits requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

**APPENDIX A**

**QA REVIEW GENERAL DOCUMENTATION**

Project #: Q3181

Completed

For thorough review, the report must have the following:

**GENERAL:**

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

**COVER PAGE:**

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

**CHAIN OF CUSTODY:**

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

**ANALYTICAL:**

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: PRADIP PRAJAPATI

Date: 09/30/2025

## LAB CHRONICLE

|                 |                 |                   |                                     |
|-----------------|-----------------|-------------------|-------------------------------------|
| <b>OrderID:</b> | Q3181           | <b>OrderDate:</b> | 9/24/2025 12:57:00 PM               |
| <b>Client:</b>  | ENTACT          | <b>Project:</b>   | 540 Degraw St, Brooklyn, NY - E9309 |
| <b>Contact:</b> | Austin Farmerie | <b>Location:</b>  | J33                                 |

| LabID           | ClientID          | Matrix      | Test     | Method | Sample Date     | Prep Date | Anal Date | Received        |
|-----------------|-------------------|-------------|----------|--------|-----------------|-----------|-----------|-----------------|
| <b>Q3181-03</b> | <b>WC-A3-01-C</b> | <b>TCLP</b> | TCLP BNA | 8270E  | <b>09/24/25</b> | 09/26/25  | 09/29/25  | <b>09/24/25</b> |
| <b>Q3181-07</b> | <b>WC-A3-02-C</b> | <b>TCLP</b> | TCLP BNA | 8270E  | <b>09/24/25</b> | 09/26/25  | 09/29/25  | <b>09/24/25</b> |
| <b>Q3181-11</b> | <b>WC-A3-03-C</b> | <b>TCLP</b> | TCLP BNA | 8270E  | <b>09/24/25</b> | 09/26/25  | 09/29/25  | <b>09/24/25</b> |



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

**SDG No.:** Q3181  
**Client:** ENTACT

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



# QC SUMMARY

## Surrogate Summary

SW-846

SDG No.: Q3177

Client: Weston Solutions, Inc.

Analytical Method: 8270E

| Lab Sample ID | Client ID     | Parameter            | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) |           |
|---------------|---------------|----------------------|-------------|--------------|--------------|------|------------|-----------|
|               |               |                      |             |              |              |      | Low        | High      |
| PB169840TB    | PB169840TB    | 2-Fluorophenol       | 150         | 126          | 84           |      | 15 (23)    | 110 (138) |
|               |               | Phenol-d6            | 150         | 115          | 77           |      | 15 (10)    | 110 (134) |
|               |               | Nitrobenzene-d5      | 100         | 67.1         | 67           |      | 30 (67)    | 130 (132) |
|               |               | 2-Fluorobiphenyl     | 100         | 72.2         | 72           |      | 30 (52)    | 130 (132) |
|               |               | 2,4,6-Tribromophenol | 150         | 144          | 96           |      | 15 (44)    | 110 (137) |
|               |               | Terphenyl-d14        | 100         | 83.7         | 84           |      | 30 (42)    | 130 (152) |
| PB169873BL    | PB169873BL    | 2-Fluorophenol       | 150         | 143          | 96           |      | 15 (23)    | 110 (138) |
|               |               | Phenol-d6            | 150         | 140          | 94           |      | 15 (10)    | 110 (134) |
|               |               | Nitrobenzene-d5      | 100         | 91.1         | 91           |      | 30 (67)    | 130 (132) |
|               |               | 2-Fluorobiphenyl     | 100         | 78.8         | 79           |      | 30 (52)    | 130 (132) |
|               |               | 2,4,6-Tribromophenol | 150         | 144          | 96           |      | 15 (44)    | 110 (137) |
|               |               | Terphenyl-d14        | 100         | 93.0         | 93           |      | 30 (42)    | 130 (152) |
| PB169873BS    | PB169873BS    | 2-Fluorophenol       | 150         | 138          | 92           |      | 15 (23)    | 110 (138) |
|               |               | Phenol-d6            | 150         | 138          | 92           |      | 15 (10)    | 110 (134) |
|               |               | Nitrobenzene-d5      | 100         | 91.5         | 91           |      | 30 (67)    | 130 (132) |
|               |               | 2-Fluorobiphenyl     | 100         | 93.0         | 93           |      | 30 (52)    | 130 (132) |
|               |               | 2,4,6-Tribromophenol | 150         | 155          | 103          |      | 15 (44)    | 110 (137) |
|               |               | Terphenyl-d14        | 100         | 89.7         | 90           |      | 30 (42)    | 130 (152) |
| Q3181-03      | WC-A3-01-C    | 2-Fluorophenol       | 150         | 105          | 70           |      | 15 (23)    | 110 (138) |
|               |               | Phenol-d6            | 150         | 96.7         | 64           |      | 15 (10)    | 110 (134) |
|               |               | Nitrobenzene-d5      | 100         | 68.1         | 68           |      | 30 (67)    | 130 (132) |
|               |               | 2-Fluorobiphenyl     | 100         | 74.2         | 74           |      | 30 (52)    | 130 (132) |
|               |               | 2,4,6-Tribromophenol | 150         | 133          | 89           |      | 15 (44)    | 110 (137) |
|               |               | Terphenyl-d14        | 100         | 92.0         | 92           |      | 30 (42)    | 130 (152) |
| Q3181-03MS    | WC-A3-01-CMS  | 2-Fluorophenol       | 150         | 120          | 80           |      | 15 (23)    | 110 (138) |
|               |               | Phenol-d6            | 150         | 109          | 73           |      | 15 (10)    | 110 (134) |
|               |               | Nitrobenzene-d5      | 100         | 79.5         | 80           |      | 30 (67)    | 130 (132) |
|               |               | 2-Fluorobiphenyl     | 100         | 81.4         | 81           |      | 30 (52)    | 130 (132) |
|               |               | 2,4,6-Tribromophenol | 150         | 144          | 96           |      | 15 (44)    | 110 (137) |
|               |               | Terphenyl-d14        | 100         | 92.4         | 92           |      | 30 (42)    | 130 (152) |
| Q3181-03MSD   | WC-A3-01-CMSD | 2-Fluorophenol       | 150         | 121          | 81           |      | 15 (23)    | 110 (138) |
|               |               | Phenol-d6            | 150         | 110          | 73           |      | 15 (10)    | 110 (134) |
|               |               | Nitrobenzene-d5      | 100         | 78.5         | 79           |      | 30 (67)    | 130 (132) |
|               |               | 2-Fluorobiphenyl     | 100         | 78.5         | 79           |      | 30 (52)    | 130 (132) |
|               |               | 2,4,6-Tribromophenol | 150         | 126          | 84           |      | 15 (44)    | 110 (137) |
|               |               | Terphenyl-d14        | 100         | 87.2         | 87           |      | 30 (42)    | 130 (152) |
| Q3181-07      | WC-A3-02-C    | 2-Fluorophenol       | 150         | 104          | 69           |      | 15 (23)    | 110 (138) |
|               |               | Phenol-d6            | 150         | 93.3         | 62           |      | 15 (10)    | 110 (134) |
|               |               | Nitrobenzene-d5      | 100         | 72.9         | 73           |      | 30 (67)    | 130 (132) |
|               |               | 2-Fluorobiphenyl     | 100         | 71.4         | 71           |      | 30 (52)    | 130 (132) |
|               |               | 2,4,6-Tribromophenol | 150         | 128          | 85           |      | 15 (44)    | 110 (137) |
|               |               | Terphenyl-d14        | 100         | 90.6         | 91           |      | 30 (42)    | 130 (152) |
| Q3181-11      | WC-A3-03-C    | 2-Fluorophenol       | 150         | 90.9         | 61           |      | 15 (23)    | 110 (138) |
|               |               | Phenol-d6            | 150         | 81.9         | 55           |      | 15 (10)    | 110 (134) |
|               |               | Nitrobenzene-d5      | 100         | 64.3         | 64           |      | 30 (67)    | 130 (132) |
|               |               | 2-Fluorobiphenyl     | 100         | 67.2         | 67           |      | 30 (52)    | 130 (132) |
|               |               | 2,4,6-Tribromophenol | 150         | 126          | 84           |      | 15 (44)    | 110 (137) |
|               |               | Terphenyl-d14        | 100         | 95.5         | 96           |      | 30 (42)    | 130 (152) |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** Q3177

**Analytical Method:** SW8270E

**Client:** Weston Solutions, Inc.

**DataFile:** BG064463.D

| Parameter                        | Spike | Sample<br>Result                      | Result | Units | Rec | Rec<br>Qual | RPD | RPD<br>Qual | Low     | Limits<br>High | RPD |
|----------------------------------|-------|---------------------------------------|--------|-------|-----|-------------|-----|-------------|---------|----------------|-----|
| <b>Lab Sample ID: Q3181-03MS</b> |       | <b>Client Sample ID: WC-A3-01-CMS</b> |        |       |     |             |     |             |         |                |     |
| Pyridine                         | 500   | 0                                     | 280    | ug/L  | 56  |             |     |             | 20 (10) | 160 (109)      |     |
| 1,4-Dichlorobenzene              | 500   | 0                                     | 360    | ug/L  | 72  |             |     |             | 70 (55) | 130 (125)      |     |
| 2-Methylphenol                   | 500   | 0                                     | 380    | ug/L  | 76  |             |     |             | 70 (60) | 130 (131)      |     |
| 3+4-Methylphenols                | 500   | 0                                     | 370    | ug/L  | 74  |             |     |             | 20 (54) | 160 (136)      |     |
| Hexachloroethane                 | 500   | 0                                     | 350    | ug/L  | 70  |             |     |             | 20 (19) | 160 (146)      |     |
| Nitrobenzene                     | 500   | 0                                     | 400    | ug/L  | 80  |             |     |             | 70 (62) | 130 (112)      |     |
| Hexachlorobutadiene              | 500   | 0                                     | 360    | ug/L  | 72  |             |     |             | 70 (52) | 130 (125)      |     |
| 2,4,6-Trichlorophenol            | 500   | 0                                     | 450    | ug/L  | 90  |             |     |             | 70 (78) | 130 (112)      |     |
| 2,4,5-Trichlorophenol            | 500   | 0                                     | 470    | ug/L  | 94  |             |     |             | 70 (71) | 130 (111)      |     |
| 2,4-Dinitrotoluene               | 500   | 0                                     | 490    | ug/L  | 98  |             |     |             | 70 (74) | 130 (137)      |     |
| Hexachlorobenzene                | 500   | 0                                     | 500    | ug/L  | 100 |             |     |             | 70 (72) | 130 (115)      |     |
| Pentachlorophenol                | 1000  | 0                                     | 1000   | ug/L  | 100 |             |     |             | 20 (52) | 160 (162)      |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** Q3177

**Analytical Method:** SW8270E

**Client:** Weston Solutions, Inc.

**DataFile:** BG064464.D

| Parameter                         | Spike | Sample Result                          | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Low     | Limits High | RPD     |
|-----------------------------------|-------|----------------------------------------|--------|-------|-----|----------|-----|----------|---------|-------------|---------|
| <b>Lab Sample ID: Q3181-03MSD</b> |       | <b>Client Sample ID: WC-A3-01-CMSD</b> |        |       |     |          |     |          |         |             |         |
| Pyridine                          | 500   | 0                                      | 270    | ug/L  | 54  |          | 4   |          | 20 (10) | 160 (109)   | 20 (20) |
| 1,4-Dichlorobenzene               | 500   | 0                                      | 340    | ug/L  | 68  | *        | 6   |          | 70 (55) | 130 (125)   | 20 (20) |
| 2-Methylphenol                    | 500   | 0                                      | 380    | ug/L  | 76  |          | 0   |          | 70 (60) | 130 (131)   | 20 (20) |
| 3+4-Methylphenols                 | 500   | 0                                      | 380    | ug/L  | 76  |          | 3   |          | 20 (54) | 160 (136)   | 20 (20) |
| Hexachloroethane                  | 500   | 0                                      | 350    | ug/L  | 70  |          | 0   |          | 20 (19) | 160 (146)   | 20 (20) |
| Nitrobenzene                      | 500   | 0                                      | 390    | ug/L  | 78  |          | 3   |          | 70 (62) | 130 (112)   | 20 (20) |
| Hexachlorobutadiene               | 500   | 0                                      | 360    | ug/L  | 72  |          | 0   |          | 70 (52) | 130 (125)   | 20 (20) |
| 2,4,6-Trichlorophenol             | 500   | 0                                      | 420    | ug/L  | 84  |          | 7   |          | 70 (78) | 130 (112)   | 20 (20) |
| 2,4,5-Trichlorophenol             | 500   | 0                                      | 450    | ug/L  | 90  |          | 4   |          | 70 (71) | 130 (111)   | 20 (20) |
| 2,4-Dinitrotoluene                | 500   | 0                                      | 440    | ug/L  | 88  |          | 11  |          | 70 (74) | 130 (137)   | 20 (20) |
| Hexachlorobenzene                 | 500   | 0                                      | 460    | ug/L  | 92  |          | 8   |          | 70 (72) | 130 (115)   | 20 (20) |
| Pentachlorophenol                 | 1000  | 0                                      | 870    | ug/L  | 87  |          | 14  |          | 20 (52) | 160 (162)   | 20 (20) |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3177

Analytical Method: 8270E

Client: Weston Solutions, Inc.

DataFile: BG064458.D

| Lab Sample ID | Parameter             | Spike | Result | Unit | Rec | RPD | Qual | RPD  | Limits  |           | RPD |
|---------------|-----------------------|-------|--------|------|-----|-----|------|------|---------|-----------|-----|
|               |                       |       |        |      |     |     |      | Qual | Low     | High      |     |
| PB169873BS    | Pyridine              | 50    | 33.6   | ug/L | 67  |     |      |      | 20 (29) | 160 (97)  |     |
|               | 1,4-Dichlorobenzene   | 50    | 42.8   | ug/L | 86  |     |      |      | 70 (76) | 130 (103) |     |
|               | 2-Methylphenol        | 50    | 45.3   | ug/L | 91  |     |      |      | 70 (69) | 130 (109) |     |
|               | 3+4-Methylphenols     | 50    | 44.6   | ug/L | 89  |     |      |      | 20 (67) | 160 (106) |     |
|               | Hexachloroethane      | 50    | 40.5   | ug/L | 81  |     |      |      | 20 (76) | 160 (118) |     |
|               | Nitrobenzene          | 50    | 47.2   | ug/L | 94  |     |      |      | 70 (58) | 130 (106) |     |
|               | Hexachlorobutadiene   | 50    | 44.3   | ug/L | 89  |     |      |      | 70 (69) | 130 (101) |     |
|               | 2,4,6-Trichlorophenol | 50    | 50.7   | ug/L | 101 |     |      |      | 70 (61) | 130 (110) |     |
|               | 2,4,5-Trichlorophenol | 50    | 50.7   | ug/L | 101 |     |      |      | 70 (70) | 130 (106) |     |
|               | 2,4-Dinitrotoluene    | 50    | 51.2   | ug/L | 102 |     |      |      | 70 (60) | 130 (115) |     |
|               | Hexachlorobenzene     | 50    | 44.5   | ug/L | 89  |     |      |      | 70 (73) | 130 (106) |     |
|               | Pentachlorophenol     | 100   | 97.0   | ug/L | 97  |     |      |      | 20 (47) | 160 (114) |     |

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB169873BL

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3177

Lab File ID: BG064457.D

Lab Sample ID: PB169873BL

Instrument ID: BNA\_G

Date Extracted: 09/26/2025

Matrix: (soil/water) water

Date Analyzed: 09/29/2025

Level: (low/med) LOW

Time Analyzed: 13:02

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 |
|-------------------|------------------|----------------|------------------|
| PB169873BS        | PB169873BS       | BG064458.D     | 09/29/2025       |
| WC-A3-01-C        | Q3181-03         | BG064462.D     | 09/29/2025       |
| WC-A3-01-CMS      | Q3181-03MS       | BG064463.D     | 09/29/2025       |
| WC-A3-01-CMSD     | Q3181-03MSD      | BG064464.D     | 09/29/2025       |
| WC-A3-02-C        | Q3181-07         | BG064465.D     | 09/29/2025       |
| WC-A3-03-C        | Q3181-11         | BG064466.D     | 09/29/2025       |
| PB169840TB        | PB169840TB       | BP025876.D     | 09/29/2025       |

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



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance  
Lab Code: ACE  
Lab File ID: BG064440.D  
Instrument ID: BNA\_G

Contract: ROYF02  
SDG NO.: Q3177  
DFTPP Injection Date: 09/25/2025  
DFTPP Injection Time: 11:05

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 68  | Less than 2.0% of mass 69          | 0.1 ( 0.4 ) 1        |
| 69  | Mass 69 relative abundance         | 28.2                 |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.8 ) 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            | 5.8                  |
| 365 | Greater than 1% of mass 198        | 6.3                  |
| 441 | Present, but less than mass 443    | 6.5                  |
| 442 | Greater than 50% of mass 198       | 100                  |
| 443 | 15.0 - 24.0% of mass 442           | 19.1 ( 19.1 ) 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 |
|-------------------|------------------|----------------|------------------|------------------|
| SSTDICC2.5        | SSTDICC2.5       | BG064441.D     | 09/25/2025       | 11:55            |
| SSTDICC005        | SSTDICC005       | BG064442.D     | 09/25/2025       | 12:37            |
| SSTDICC020        | SSTDICC020       | BG064444.D     | 09/25/2025       | 13:59            |
| SSTDICC050        | SSTDICC050       | BG064446.D     | 09/25/2025       | 15:22            |
| SSTDICC080        | SSTDICC080       | BG064448.D     | 09/25/2025       | 16:44            |
| SSTDICC010        | SSTDICC010       | BG064449.D     | 09/25/2025       | 18:04            |
| SSTDICCC040       | SSTDICCC040      | BG064450.D     | 09/25/2025       | 18:45            |
| SSTDICC060        | SSTDICC060       | BG064451.D     | 09/25/2025       | 19:26            |



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance  
Lab Code: ACE  
Lab File ID: BG064455.D  
Instrument ID: BNA\_G

Contract: ROYF02  
SDG NO.: Q3177  
DFTPP Injection Date: 09/29/2025  
DFTPP Injection Time: 11:41

| 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         | 27.9                 |
| 70  | Less than 2.0% of mass 69          | 0.3 ( 0.9 ) 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            | 6.2                  |
| 365 | Greater than 1% of mass 198        | 5.7                  |
| 441 | Present, but less than mass 443    | 6.9                  |
| 442 | Greater than 50% of mass 198       | 100                  |
| 443 | 15.0 - 24.0% of mass 442           | 19.3 ( 19.3 ) 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 |
|-------------------|------------------|----------------|------------------|------------------|
| SSTDCCC040        | SSTDCCC040       | BG064456.D     | 09/29/2025       | 12:21            |
| PB169873BL        | PB169873BL       | BG064457.D     | 09/29/2025       | 13:02            |
| PB169873BS        | PB169873BS       | BG064458.D     | 09/29/2025       | 13:43            |
| WC-A3-01-C        | Q3181-03         | BG064462.D     | 09/29/2025       | 16:34            |
| WC-A3-01-CMS      | Q3181-03MS       | BG064463.D     | 09/29/2025       | 17:15            |
| WC-A3-01-CMSD     | Q3181-03MSD      | BG064464.D     | 09/29/2025       | 17:56            |
| WC-A3-02-C        | Q3181-07         | BG064465.D     | 09/29/2025       | 18:37            |
| WC-A3-03-C        | Q3181-11         | BG064466.D     | 09/29/2025       | 19:19            |



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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance  
Lab Code: ACE  
Lab File ID: BP025724.D  
Instrument ID: BNA\_P

Contract: ROYF02  
SDG NO.: Q3177  
DFTPP Injection Date: 09/11/2025  
DFTPP Injection Time: 08:09

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 68  | Less than 2.0% of mass 69          | 0.6 ( 1.6 ) 1        |
| 69  | Mass 69 relative abundance         | 36.5                 |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.5 ) 1        |
| 197 | Less than 2.0% of mass 198         | 0.6                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.6                  |
| 365 | Greater than 1% of mass 198        | 3.3                  |
| 441 | Present, but less than mass 443    | 10.8                 |
| 442 | Greater than 50% of mass 198       | 69.4                 |
| 443 | 15.0 - 24.0% of mass 442           | 13.7 ( 19.7 ) 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 |
|-------------------|------------------|----------------|------------------|------------------|
| SSTDICC2.5        | SSTDICC2.5       | BP025725.D     | 09/11/2025       | 08:56            |
| SSTDICC005        | SSTDICC005       | BP025726.D     | 09/11/2025       | 09:37            |
| SSTDICC010        | SSTDICC010       | BP025727.D     | 09/11/2025       | 10:18            |
| SSTDICC020        | SSTDICC020       | BP025728.D     | 09/11/2025       | 10:59            |
| SSTDICCC040       | SSTDICCC040      | BP025729.D     | 09/11/2025       | 12:21            |
| SSTDICC060        | SSTDICC060       | BP025731.D     | 09/11/2025       | 13:43            |
| SSTDICC080        | SSTDICC080       | BP025732.D     | 09/11/2025       | 14:24            |
| SSTDICC050        | SSTDICC050       | BP025733.D     | 09/11/2025       | 15:20            |



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance  
Lab Code: ACE  
Lab File ID: BP025874.D  
Instrument ID: BNA\_P

Contract: ROYF02  
SDG NO.: Q3177  
DFTPP Injection Date: 09/29/2025  
DFTPP Injection Time: 10:11

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 68  | Less than 2.0% of mass 69          | 0.5 ( 1.6 ) 1        |
| 69  | Mass 69 relative abundance         | 31                   |
| 70  | Less than 2.0% of mass 69          | 0.1 ( 0.5 ) 1        |
| 197 | Less than 2.0% of mass 198         | 0.2                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.9                  |
| 365 | Greater than 1% of mass 198        | 3.3                  |
| 441 | Present, but less than mass 443    | 13.3                 |
| 442 | Greater than 50% of mass 198       | 89.3                 |
| 443 | 15.0 - 24.0% of mass 442           | 17.2 ( 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 |
|-------------------|------------------|----------------|------------------|------------------|
| SSTDCCC040        | SSTDCCC040       | BP025875.D     | 09/29/2025       | 10:51            |
| PB169840TB        | PB169840TB       | BP025876.D     | 09/29/2025       | 11:32            |

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3177

Client ID : SSTDCCC040

Date Analyzed: 09/29/2025

Lab File ID: BG064456.D

Time Analyzed: 12:21

Instrument ID: BNA\_G

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      | 15748               | 7.835 | 66555               | 10.63  | 56473               | 14.46  |
| UPPER LIMIT      | 31496               | 8.335 | 133110              | 11.126 | 112946              | 14.963 |
| LOWER LIMIT      | 7874                | 7.335 | 33277.5             | 10.126 | 28236.5             | 13.963 |
| EPA SAMPLE NO.   |                     |       |                     |        |                     |        |
| 01 PB169873BL    | 15751               | 7.84  | 63617               | 10.62  | 53384               | 14.46  |
| 02 PB169873BS    | 17867               | 7.84  | 71713               | 10.62  | 56728               | 14.46  |
| 03 WC-A3-01-C    | 21958               | 7.83  | 91617               | 10.62  | 62822               | 14.46  |
| 04 WC-A3-01-CMS  | 19975               | 7.84  | 81974               | 10.62  | 58695               | 14.46  |
| 05 WC-A3-01-CMSD | 21391               | 7.84  | 90347               | 10.62  | 63956               | 14.46  |
| 06 WC-A3-02-C    | 21992               | 7.83  | 86452               | 10.62  | 62516               | 14.46  |
| 07 WC-A3-03-C    | 22344               | 7.83  | 85089               | 10.62  | 59899               | 14.46  |

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.: Q3177

Client ID: SSTDCCC040

Date Analyzed: 09/29/2025

Lab File ID: BG064456.D

Time Analyzed: 12:21

Instrument ID: BNA\_G

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      | 131242              | 17.201 | 160574              | 21.431 | 177303              | 24.428 |
| UPPER LIMIT      | 262484              | 17.701 | 321148              | 21.931 | 354606              | 24.928 |
| LOWER LIMIT      | 65621               | 16.701 | 80287               | 20.931 | 88651.5             | 23.928 |
| EPA SAMPLE NO.   |                     |        |                     |        |                     |        |
| 01 PB169873BL    | 149845              | 17.20  | 170237              | 21.43  | 187310              | 24.42  |
| 02 PB169873BS    | 158000              | 17.20  | 171068              | 21.44  | 184277              | 24.43  |
| 03 WC-A3-01-C    | 143414              | 17.20  | 161191              | 21.43  | 173694              | 24.42  |
| 04 WC-A3-01-CMS  | 138960              | 17.20  | 157222              | 21.43  | 170251              | 24.42  |
| 05 WC-A3-01-CMSD | 144625              | 17.20  | 156999              | 21.43  | 169717              | 24.42  |
| 06 WC-A3-02-C    | 141903              | 17.20  | 155272              | 21.43  | 170865              | 24.42  |
| 07 WC-A3-03-C    | 139498              | 17.20  | 147376              | 21.43  | 163343              | 24.42  |

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.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3177

Client ID : SSTDCCC040

Date Analyzed: 09/29/2025

Lab File ID: BP025875.D

Time Analyzed: 10:51

Instrument ID: BNA\_P

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    | 234395              | 7.743 | 868295              | 10.51  | 527881              | 14.37  |
| UPPER LIMIT    | 468790              | 8.243 | 1736590             | 11.013 | 1055760             | 14.872 |
| LOWER LIMIT    | 117198              | 7.243 | 434148              | 10.013 | 263941              | 13.872 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 PB169840TB  | 218795              | 7.74  | 860397              | 10.52  | 587654              | 14.37  |

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.: Q3177

Client ID: SSTDCCC040

Date Analyzed: 09/29/2025

Lab File ID: BP025875.D

Time Analyzed: 10:51

Instrument ID: BNA\_P

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

01

|                | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|----------------|---------------------|--------|---------------------|--------|---------------------|--------|
| 12 HOUR STD    | 977878              | 17.172 | 1032520             | 21.613 | 1270410             | 24.965 |
| UPPER LIMIT    | 1955760             | 17.672 | 2065040             | 22.113 | 2540820             | 25.465 |
| LOWER LIMIT    | 488939              | 16.672 | 516260              | 21.113 | 635205              | 24.465 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| PB169840TB     | 1277550             | 17.16  | 1290550             | 21.61  | 1166610             | 24.97  |

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.



# SAMPLE DATA

## Report of Analysis

|                    |                                     |                 |          |
|--------------------|-------------------------------------|-----------------|----------|
| Client:            | ENTACT                              | Date Collected: | 09/26/25 |
| Project:           | 540 Degraw St, Brooklyn, NY - E9309 | Date Received:  | 09/26/25 |
| Client Sample ID:  | PB169840TB                          | SDG No.:        | Q3181    |
| Lab Sample ID:     | PB169840TB                          | Matrix:         | TCLP     |
| Analytical Method: | 8270E                               | % Solid:        | 0        |
| Sample Wt/Vol:     | 100 Units: mL                       | Final Vol:      | 1000 uL  |
| Soil Aliquot Vol:  | uL                                  | Test:           | TCLP BNA |
| Extraction Type :  | Decanted : N                        | Level :         | LOW      |
| Injection Volume : | GPC Factor : 1.0                    | GPC Cleanup :   | N PH :   |
| Prep Method :      | SW3541                              |                 |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BP025876.D        | 1         | 09/26/25 11:10 | 09/29/25 11:32 | PB169873      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL                 | LOQ / CRQL | Units    |
|---------------------------|------------------------|---------|-----------|---------------------|------------|----------|
| <b>TARGETS</b>            |                        |         |           |                     |            |          |
| 110-86-1                  | Pyridine               | 0.013   | U         | 0.013               | 0.050      | mg/L     |
| 106-46-7                  | 1,4-Dichlorobenzene    | 0.0053  | U         | 0.0053              | 0.050      | mg/L     |
| 95-48-7                   | 2-Methylphenol         | 0.011   | U         | 0.011               | 0.050      | mg/L     |
| 65794-96-9                | 3+4-Methylphenols      | 0.011   | U         | 0.011               | 0.10       | mg/L     |
| 67-72-1                   | Hexachloroethane       | 0.0065  | U         | 0.0065              | 0.050      | mg/L     |
| 98-95-3                   | Nitrobenzene           | 0.0076  | U         | 0.0076              | 0.050      | mg/L     |
| 87-68-3                   | Hexachlorobutadiene    | 0.0054  | U         | 0.0054              | 0.050      | mg/L     |
| 88-06-2                   | 2,4,6-Trichlorophenol  | 0.0051  | U         | 0.0051              | 0.050      | mg/L     |
| 95-95-4                   | 2,4,5-Trichlorophenol  | 0.0062  | U         | 0.0062              | 0.050      | mg/L     |
| 121-14-2                  | 2,4-Dinitrotoluene     | 0.012   | U         | 0.012               | 0.050      | mg/L     |
| 118-74-1                  | Hexachlorobenzene      | 0.0052  | U         | 0.0052              | 0.050      | mg/L     |
| 87-86-5                   | Pentachlorophenol      | 0.016   | U         | 0.016               | 0.10       | mg/L     |
| <b>SURROGATES</b>         |                        |         |           |                     |            |          |
| 367-12-4                  | 2-Fluorophenol         | 126     |           | 15 (23) - 110 (138) | 84%        | SPK: 150 |
| 13127-88-3                | Phenol-d6              | 115     |           | 15 (10) - 110 (134) | 77%        | SPK: 150 |
| 4165-60-0                 | Nitrobenzene-d5        | 67.1    |           | 30 (67) - 130 (132) | 67%        | SPK: 100 |
| 321-60-8                  | 2-Fluorobiphenyl       | 72.2    |           | 30 (52) - 130 (132) | 72%        | SPK: 100 |
| 118-79-6                  | 2,4,6-Tribromophenol   | 144     |           | 15 (44) - 110 (137) | 96%        | SPK: 150 |
| 1718-51-0                 | Terphenyl-d14          | 83.7    |           | 30 (42) - 130 (152) | 84%        | SPK: 100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |                     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 219000  | 7.743     |                     |            |          |
| 1146-65-2                 | Naphthalene-d8         | 860000  | 10.519    |                     |            |          |
| 15067-26-2                | Acenaphthene-d10       | 588000  | 14.366    |                     |            |          |
| 1517-22-2                 | Phenanthrene-d10       | 1280000 | 17.16     |                     |            |          |
| 1719-03-5                 | Chrysene-d12           | 1290000 | 21.607    |                     |            |          |
| 1520-96-3                 | Perylene-d12           | 1170000 | 24.966    |                     |            |          |

### Report of Analysis

|                    |                                     |                  |                 |          |      |
|--------------------|-------------------------------------|------------------|-----------------|----------|------|
| Client:            | ENTACT                              |                  | Date Collected: | 09/26/25 |      |
| Project:           | 540 Degraw St, Brooklyn, NY - E9309 |                  | Date Received:  | 09/26/25 |      |
| Client Sample ID:  | PB169840TB                          |                  | SDG No.:        | Q3181    |      |
| Lab Sample ID:     | PB169840TB                          |                  | Matrix:         | TCLP     |      |
| Analytical Method: | 8270E                               |                  | % Solid:        | 0        |      |
| Sample Wt/Vol:     | 100                                 | Units: mL        | Final Vol:      | 1000     | uL   |
| Soil Aliquot Vol:  |                                     | uL               | Test:           | TCLP BNA |      |
| Extraction Type :  |                                     | Decanted : N     | Level :         | LOW      |      |
| Injection Volume : |                                     | GPC Factor : 1.0 | GPC Cleanup :   | N        | PH : |
| Prep Method :      | SW3541                              |                  |                 |          |      |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BP025876.D        | 1         | 09/26/25 11:10 | 09/29/25 11:32 | PB169873      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092925\  
Data File : BP025876.D  
Acq On : 29 Sep 2025 11:32  
Operator : CG/JU  
Sample : PB169840TB  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
PB169840TB

Quant Time: Sep 29 12:07:20 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 16:45:04 2025  
Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.743  | 152  | 218795   | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.519 | 136  | 860397   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.366 | 164  | 587654   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.160 | 188  | 1277546  | 20.000  | ng    | -0.02    |
| 76) Chrysene-d12            | 21.607 | 240  | 1290552  | 20.000  | ng    | -0.04    |
| 86) Perylene-d12            | 24.966 | 264  | 1166606  | 20.000  | ng    | -0.04    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.378  | 112  | 1706834  | 125.874 | ng    | 0.00     |
| 7) Phenol-d6                | 6.949  | 99   | 2079210  | 115.361 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.890  | 82   | 1309395  | 67.130  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.878 | 330  | 1058476  | 144.407 | ng    | -0.03    |
| 45) 2-Fluorobiphenyl        | 12.972 | 172  | 3186042  | 72.189  | ng    | -0.02    |
| 79) Terphenyl-d14           | 19.872 | 244  | 6003859  | 83.692  | ng    | -0.04    |

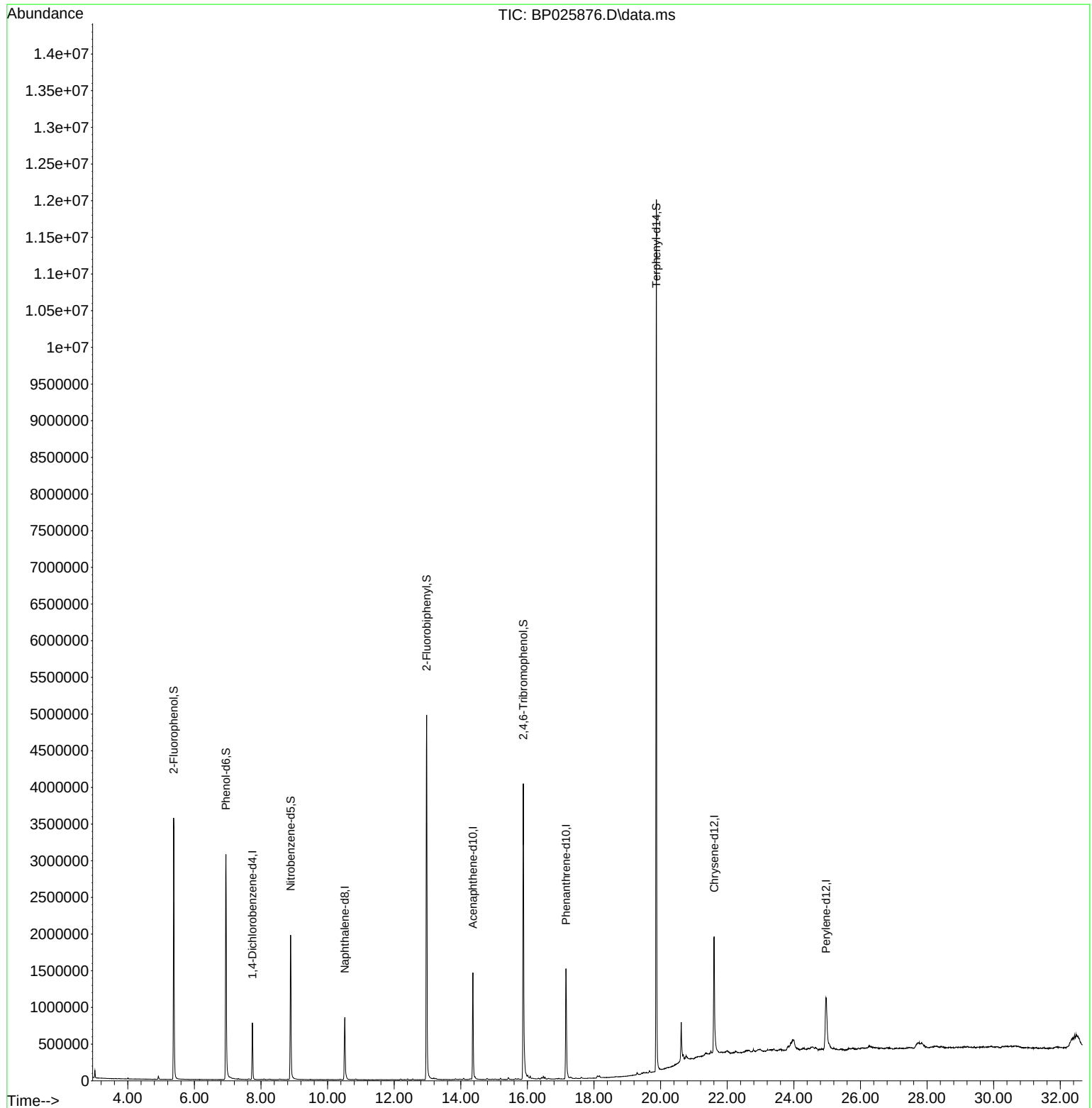
| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

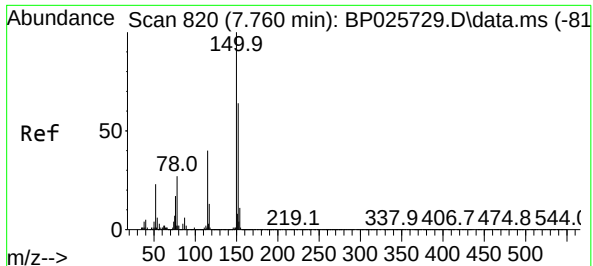
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092925\  
Data File : BP025876.D  
Acq On : 29 Sep 2025 11:32  
Operator : CG/JU  
Sample : PB169840TB  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
PB169840TB

Quant Time: Sep 29 12:07:20 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 16:45:04 2025  
Response via : Initial Calibration

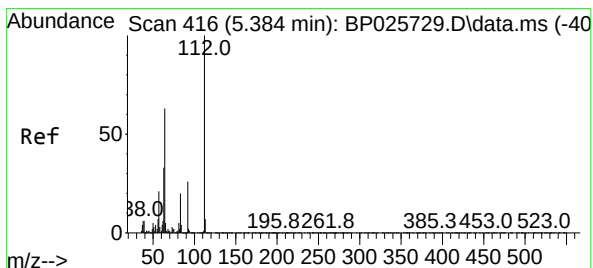
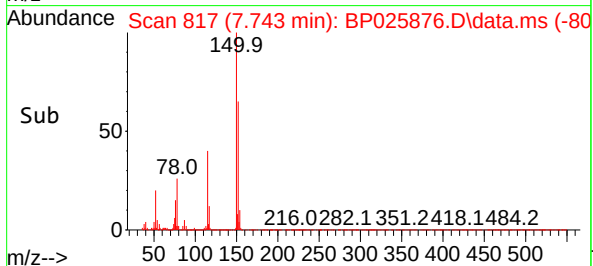
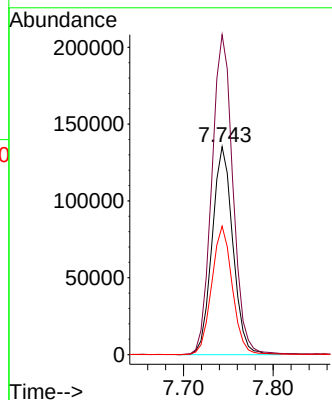
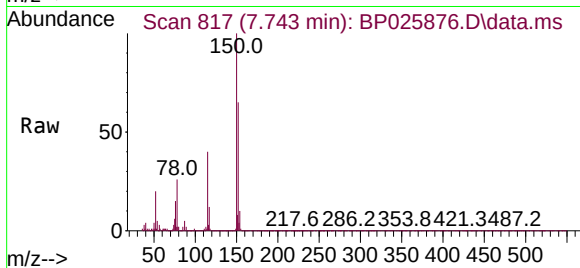




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.743 min Scan# 81  
Delta R.T. -0.017 min  
Lab File: BP025876.D  
Acq: 29 Sep 2025 11:32

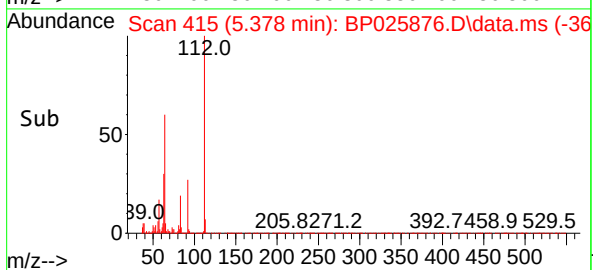
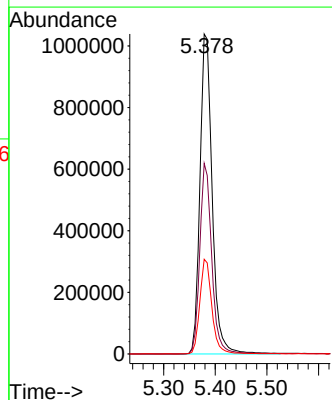
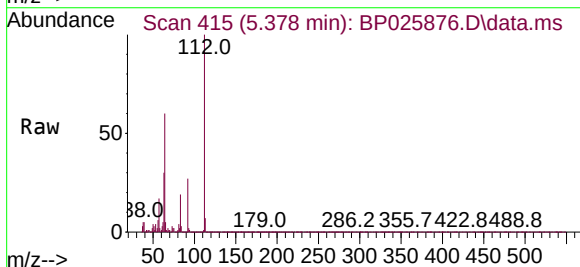
Instrument :  
BNA\_P  
ClientSampleId :  
PB169840TB

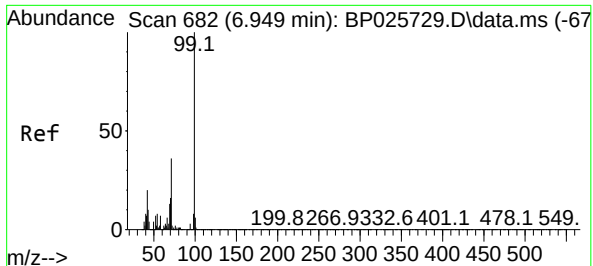
Tgt Ion:152 Resp: 218795  
Ion Ratio Lower Upper  
152 100  
150 153.9 124.3 186.5  
115 61.7 50.3 75.5



#5  
2-Fluorophenol  
Concen: 125.874 ng  
RT: 5.378 min Scan# 415  
Delta R.T. -0.006 min  
Lab File: BP025876.D  
Acq: 29 Sep 2025 11:32

Tgt Ion:112 Resp: 1706834  
Ion Ratio Lower Upper  
112 100  
64 59.5 50.2 75.4  
63 29.6 26.7 40.1



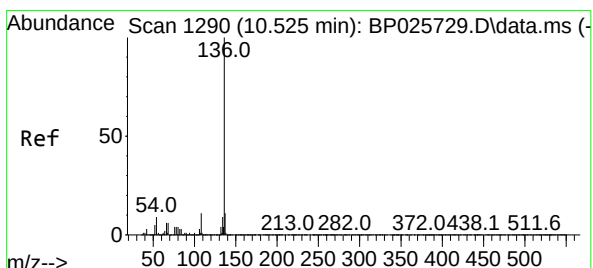
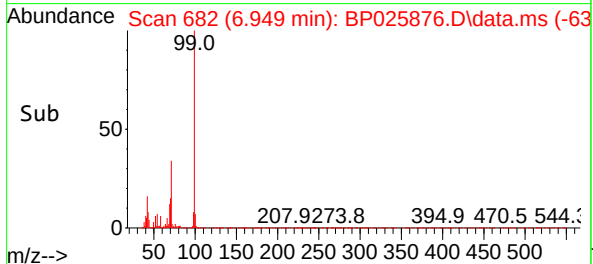
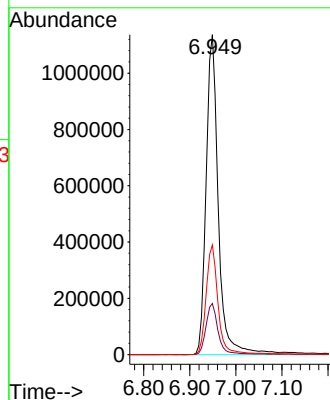
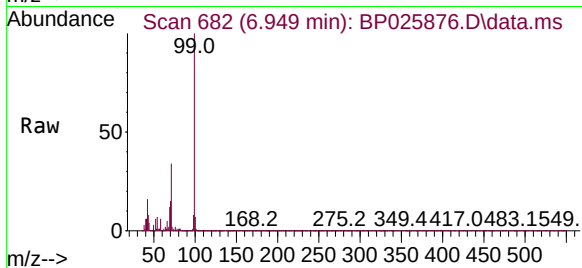


#7  
Phenol-d6  
Concen: 115.361 ng  
RT: 6.949 min Scan# 682  
Delta R.T. 0.000 min  
Lab File: BP025876.D  
Acq: 29 Sep 2025 11:32

Instrument :  
BNA\_P  
ClientSampleId :  
PB169840TB

Tgt Ion: 99 Resp: 2079210

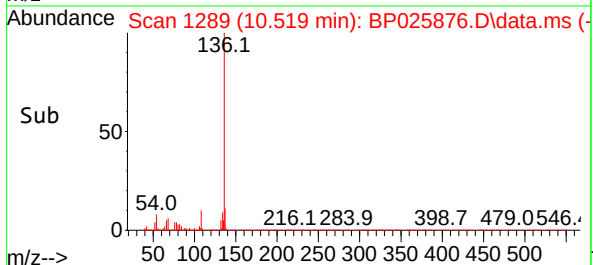
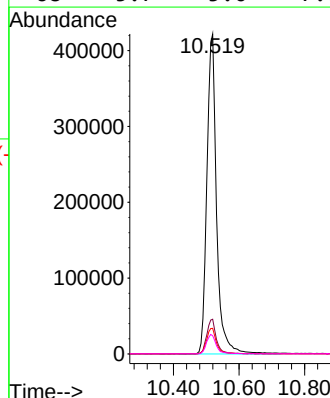
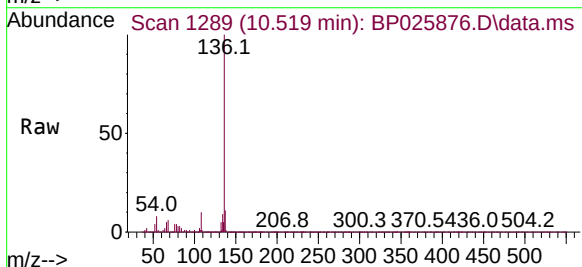
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.0  | 15.6  | 23.4  |
| 71  | 34.3  | 28.6  | 43.0  |

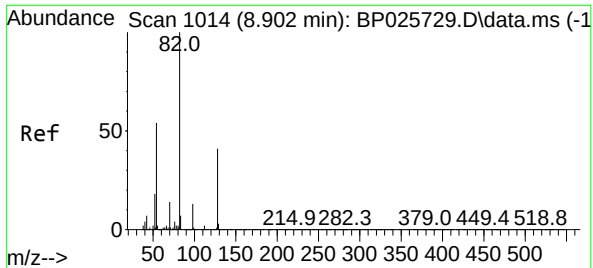


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.519 min Scan# 1289  
Delta R.T. -0.006 min  
Lab File: BP025876.D  
Acq: 29 Sep 2025 11:32

Tgt Ion: 136 Resp: 860397

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.8  | 8.7   | 13.1  |
| 54  | 8.0   | 7.5   | 11.3  |
| 68  | 5.7   | 5.0   | 7.6   |





#23

Nitrobenzene-d5

Concen: 67.130 ng

RT: 8.890 min Scan# 1014

Delta R.T. -0.012 min

Lab File: BP025876.D

Acq: 29 Sep 2025 11:32

Instrument :

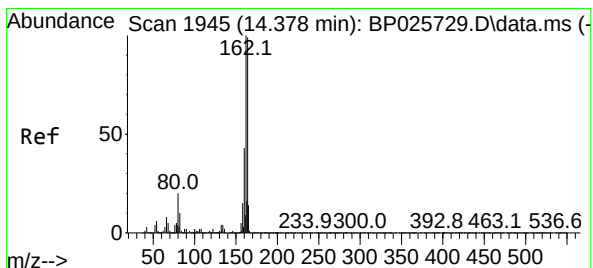
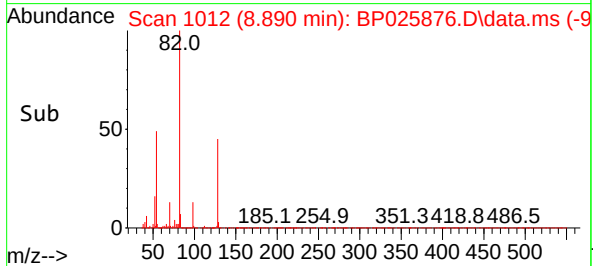
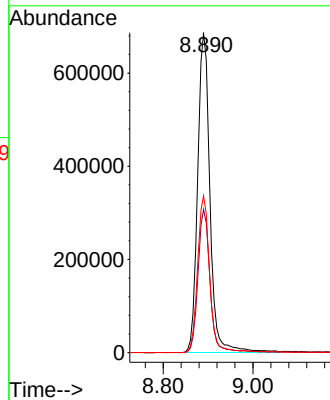
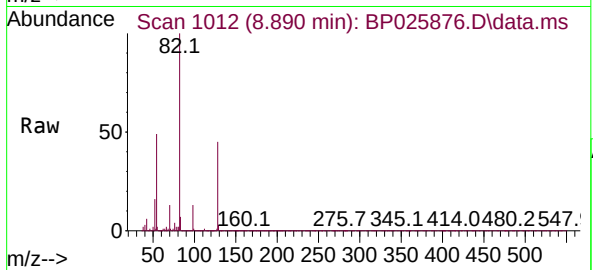
BNA\_P

ClientSampleId :

PB169840TB

Tgt Ion: 82 Resp: 1309395

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 44.7  | 32.9  | 49.3  |
| 54  | 49.0  | 43.4  | 65.2  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.366 min Scan# 1943

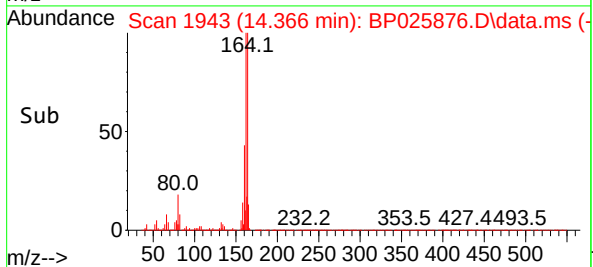
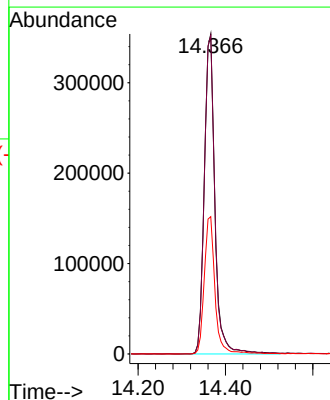
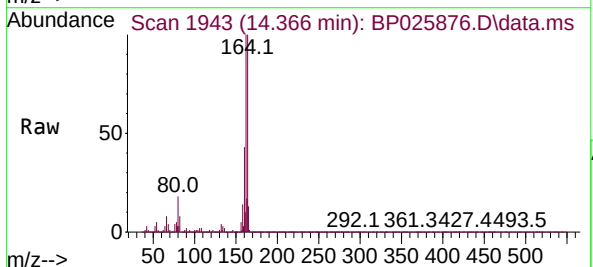
Delta R.T. -0.012 min

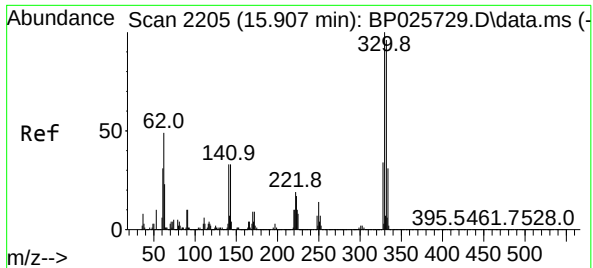
Lab File: BP025876.D

Acq: 29 Sep 2025 11:32

Tgt Ion:164 Resp: 587654

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 99.6  | 80.6  | 120.8 |
| 160 | 42.9  | 35.0  | 52.6  |

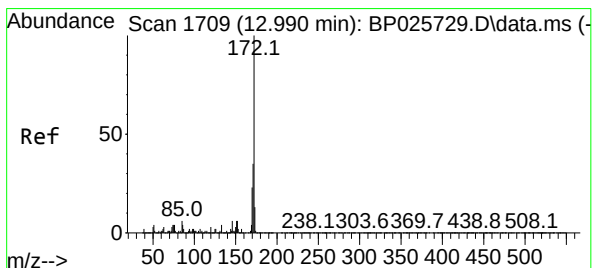
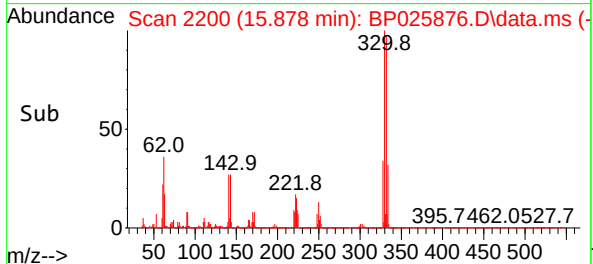
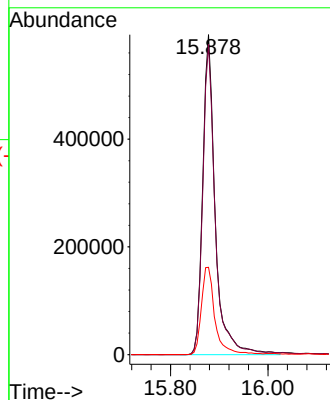
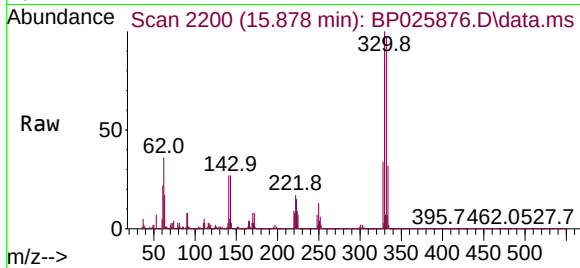




#42  
2,4,6-Tribromophenol  
Concen: 144.407 ng  
RT: 15.878 min Scan# 21  
Delta R.T. -0.029 min  
Lab File: BP025876.D  
Acq: 29 Sep 2025 11:32

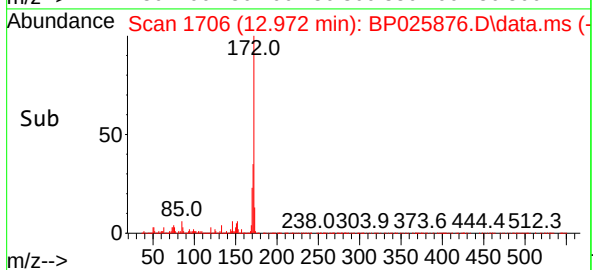
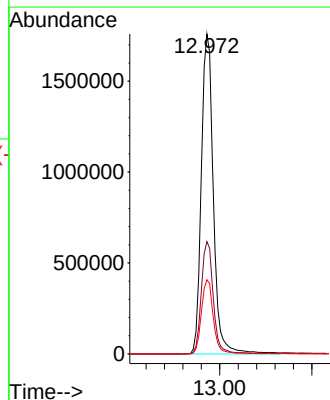
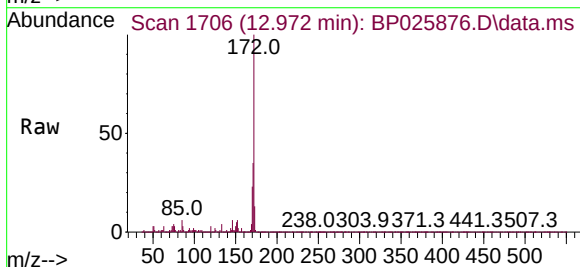
Instrument :  
BNA\_P  
ClientSampleId :  
PB169840TB

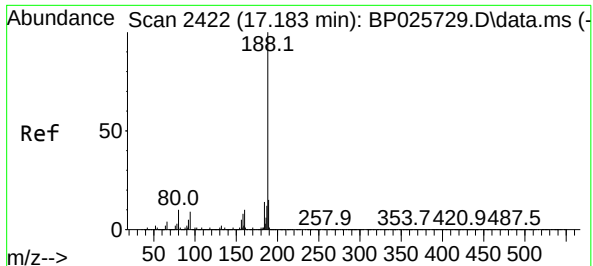
Tgt Ion:330 Resp: 1058476  
Ion Ratio Lower Upper  
330 100  
332 96.4 76.9 115.3  
141 29.5 31.0 46.4#



#45  
2-Fluorobiphenyl  
Concen: 72.189 ng  
RT: 12.972 min Scan# 1706  
Delta R.T. -0.018 min  
Lab File: BP025876.D  
Acq: 29 Sep 2025 11:32

Tgt Ion:172 Resp: 3186042  
Ion Ratio Lower Upper  
172 100  
171 35.1 27.8 41.6  
170 23.2 18.6 27.8

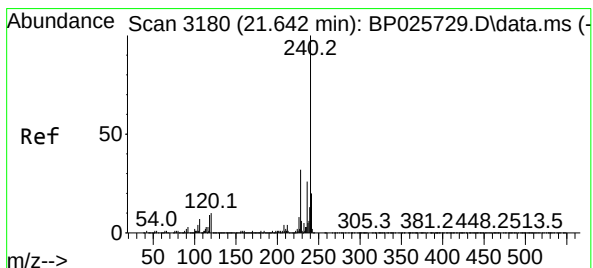
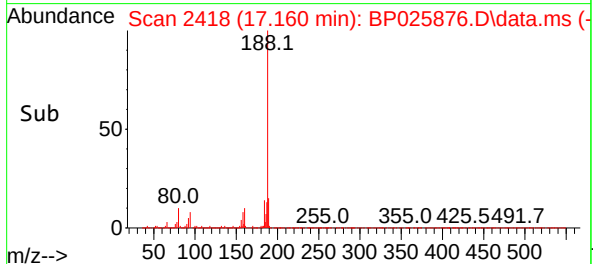
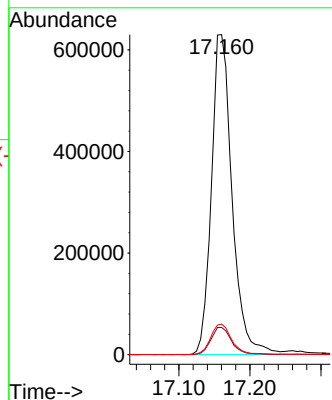
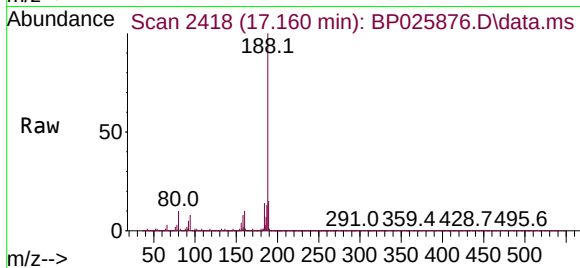




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.160 min Scan# 2418  
Delta R.T. -0.023 min  
Lab File: BP025876.D  
Acq: 29 Sep 2025 11:32

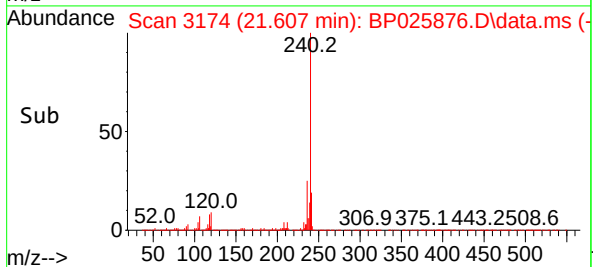
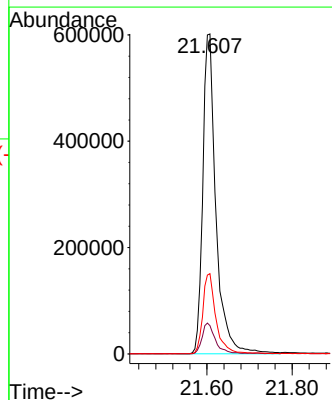
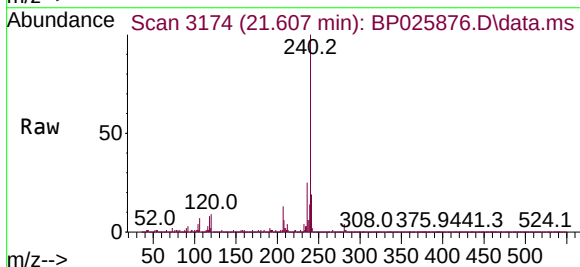
Instrument :  
BNA\_P  
ClientSampleId :  
PB169840TB

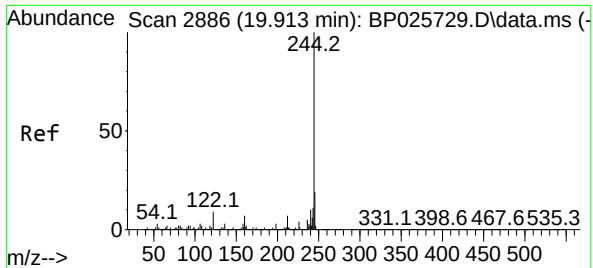
Tgt Ion:188 Resp: 1277546  
Ion Ratio Lower Upper  
188 100  
94 8.5 7.4 11.0  
80 9.6 7.7 11.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.607 min Scan# 3174  
Delta R.T. -0.035 min  
Lab File: BP025876.D  
Acq: 29 Sep 2025 11:32

Tgt Ion:240 Resp: 1290552  
Ion Ratio Lower Upper  
240 100  
120 8.8 8.0 12.0  
236 25.1 20.7 31.1

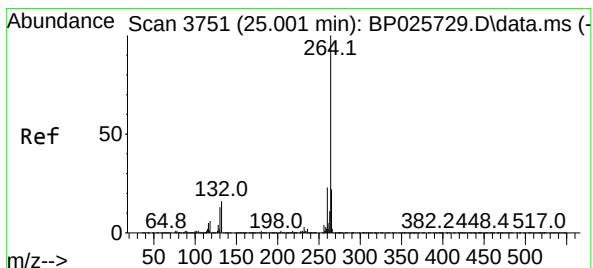
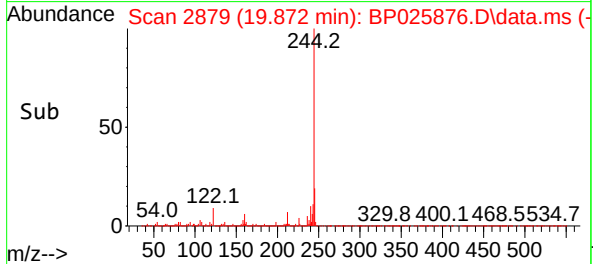
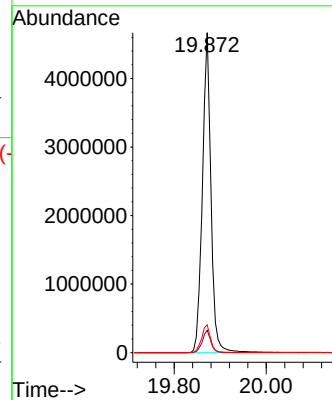
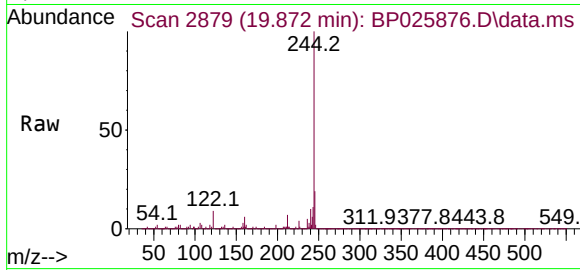




#79  
 Terphenyl-d14  
 Concen: 83.692 ng  
 RT: 19.872 min Scan# 2886  
 Delta R.T. -0.041 min  
 Lab File: BP025876.D  
 Acq: 29 Sep 2025 11:32

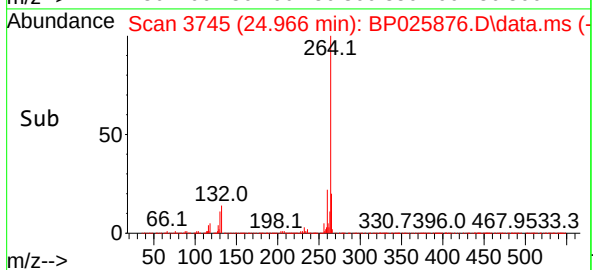
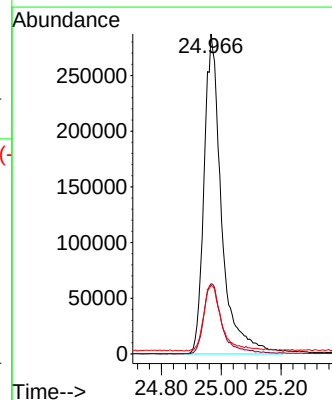
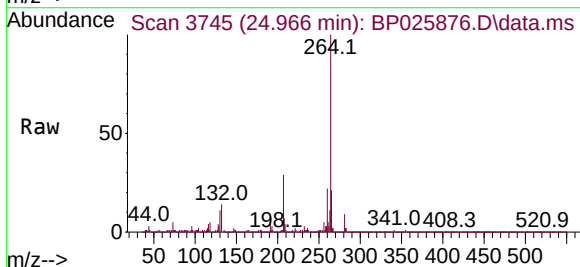
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB169840TB

Tgt Ion:244 Resp: 6003859  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.9 8.9  
 122 8.7 7.1 10.7



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.966 min Scan# 3745  
 Delta R.T. -0.035 min  
 Lab File: BP025876.D  
 Acq: 29 Sep 2025 11:32

Tgt Ion:264 Resp: 1166606  
 Ion Ratio Lower Upper  
 264 100  
 260 21.9 18.3 27.5  
 265 21.4 17.3 25.9



## Report of Analysis

|                    |                                     |                 |          |
|--------------------|-------------------------------------|-----------------|----------|
| Client:            | ENTACT                              | Date Collected: | 09/24/25 |
| Project:           | 540 Degraw St, Brooklyn, NY - E9309 | Date Received:  | 09/24/25 |
| Client Sample ID:  | WC-A3-01-C                          | SDG No.:        | Q3181    |
| Lab Sample ID:     | Q3181-03                            | Matrix:         | TCLP     |
| Analytical Method: | 8270E                               | % Solid:        | 0        |
| Sample Wt/Vol:     | 100 Units: mL                       | Final Vol:      | 1000 uL  |
| Soil Aliquot Vol:  | uL                                  | Test:           | TCLP BNA |
| Extraction Type :  | Decanted : N                        | Level :         | LOW      |
| Injection Volume : | GPC Factor : 1.0                    | GPC Cleanup :   | N PH :   |
| Prep Method :      | SW3541                              |                 |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BG064462.D        | 1         | 09/26/25 11:10 | 09/29/25 16:34 | PB169873      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units    |
|---------------------------|------------------------|--------|-----------|---------------------|------------|----------|
| <b>TARGETS</b>            |                        |        |           |                     |            |          |
| 110-86-1                  | Pyridine               | 0.013  | U         | 0.013               | 0.050      | mg/L     |
| 106-46-7                  | 1,4-Dichlorobenzene    | 0.0053 | U         | 0.0053              | 0.050      | mg/L     |
| 95-48-7                   | 2-Methylphenol         | 0.011  | U         | 0.011               | 0.050      | mg/L     |
| 65794-96-9                | 3+4-Methylphenols      | 0.011  | U         | 0.011               | 0.10       | mg/L     |
| 67-72-1                   | Hexachloroethane       | 0.0065 | U         | 0.0065              | 0.050      | mg/L     |
| 98-95-3                   | Nitrobenzene           | 0.0076 | U         | 0.0076              | 0.050      | mg/L     |
| 87-68-3                   | Hexachlorobutadiene    | 0.0054 | U         | 0.0054              | 0.050      | mg/L     |
| 88-06-2                   | 2,4,6-Trichlorophenol  | 0.0051 | U         | 0.0051              | 0.050      | mg/L     |
| 95-95-4                   | 2,4,5-Trichlorophenol  | 0.0062 | U         | 0.0062              | 0.050      | mg/L     |
| 121-14-2                  | 2,4-Dinitrotoluene     | 0.012  | U         | 0.012               | 0.050      | mg/L     |
| 118-74-1                  | Hexachlorobenzene      | 0.0052 | U         | 0.0052              | 0.050      | mg/L     |
| 87-86-5                   | Pentachlorophenol      | 0.016  | U         | 0.016               | 0.10       | mg/L     |
| <b>SURROGATES</b>         |                        |        |           |                     |            |          |
| 367-12-4                  | 2-Fluorophenol         | 105    |           | 15 (23) - 110 (138) | 70%        | SPK: 150 |
| 13127-88-3                | Phenol-d6              | 96.7   |           | 15 (10) - 110 (134) | 64%        | SPK: 150 |
| 4165-60-0                 | Nitrobenzene-d5        | 68.1   |           | 30 (67) - 130 (132) | 68%        | SPK: 100 |
| 321-60-8                  | 2-Fluorobiphenyl       | 74.2   |           | 30 (52) - 130 (132) | 74%        | SPK: 100 |
| 118-79-6                  | 2,4,6-Tribromophenol   | 133    |           | 15 (44) - 110 (137) | 89%        | SPK: 150 |
| 1718-51-0                 | Terphenyl-d14          | 92.0   |           | 30 (42) - 130 (152) | 92%        | SPK: 100 |
| <b>INTERNAL STANDARDS</b> |                        |        |           |                     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 22000  | 7.831     |                     |            |          |
| 1146-65-2                 | Naphthalene-d8         | 91600  | 10.622    |                     |            |          |
| 15067-26-2                | Acenaphthene-d10       | 62800  | 14.459    |                     |            |          |
| 1517-22-2                 | Phenanthrene-d10       | 143000 | 17.197    |                     |            |          |
| 1719-03-5                 | Chrysene-d12           | 161000 | 21.427    |                     |            |          |
| 1520-96-3                 | Perylene-d12           | 174000 | 24.418    |                     |            |          |

### Report of Analysis

|                    |                                     |                  |                 |          |      |
|--------------------|-------------------------------------|------------------|-----------------|----------|------|
| Client:            | ENTACT                              |                  | Date Collected: | 09/24/25 |      |
| Project:           | 540 Degraw St, Brooklyn, NY - E9309 |                  | Date Received:  | 09/24/25 |      |
| Client Sample ID:  | WC-A3-01-C                          |                  | SDG No.:        | Q3181    |      |
| Lab Sample ID:     | Q3181-03                            |                  | Matrix:         | TCLP     |      |
| Analytical Method: | 8270E                               |                  | % Solid:        | 0        |      |
| Sample Wt/Vol:     | 100                                 | Units: mL        | Final Vol:      | 1000     | uL   |
| Soil Aliquot Vol:  |                                     | uL               | Test:           | TCLP BNA |      |
| Extraction Type :  |                                     | Decanted : N     | Level :         | LOW      |      |
| Injection Volume : |                                     | GPC Factor : 1.0 | GPC Cleanup :   | N        | PH : |
| Prep Method :      | SW3541                              |                  |                 |          |      |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BG064462.D        | 1         | 09/26/25 11:10 | 09/29/25 16:34 | PB169873      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092925\  
 Data File : BG064462.D  
 Acq On : 29 Sep 2025 16:34  
 Operator : RC/JU  
 Sample : Q3181-03  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-A3-01-C

Quant Time: Sep 29 18:14:28 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 29 18:04:12 2025  
 Response via : Initial Calibration

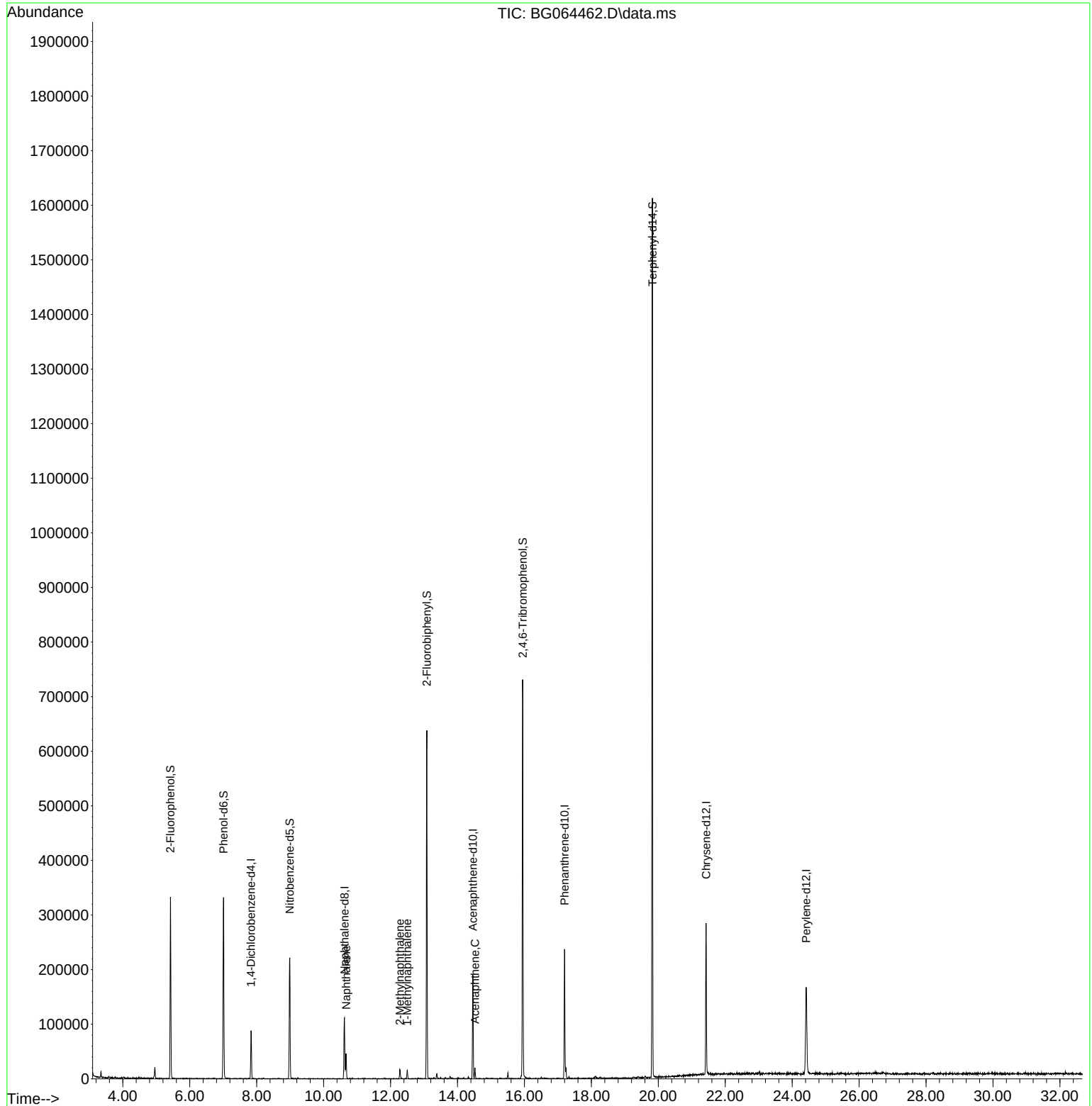
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.831  | 152  | 21958    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.622 | 136  | 91617    | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.459 | 164  | 62822    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.197 | 188  | 143414   | 20.000  | ng    | #-0.01   |
| 76) Chrysene-d12            | 21.427 | 240  | 161191   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.418 | 264  | 173694   | 20.000  | ng    | -0.01    |
|                             |        |      |          |         |       |          |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.422  | 112  | 120318   | 104.710 | ng    | 0.00     |
| 7) Phenol-d6                | 7.009  | 99   | 152169   | 96.664  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.989  | 82   | 115160   | 68.121  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.951 | 330  | 145938   | 133.068 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.084 | 172  | 315760   | 74.220  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.823 | 244  | 752234   | 91.995  | ng    | 0.00     |
|                             |        |      |          |         |       |          |
| Target Compounds            |        |      |          |         |       | Qvalue   |
| 31) Naphthalene             | 10.669 | 128  | 36087    | 7.545   | ng    | 95       |
| 37) 2-Methylnaphthalene     | 12.279 | 142  | 8399     | 2.326   | ng    | 98       |
| 38) 1-Methylnaphthalene     | 12.496 | 142  | 7526m    | 2.121   | ng    |          |
| 52) Acenaphthene            | 14.523 | 154  | 7237     | 2.097   | ng    | 95       |
| -----                       |        |      |          |         |       |          |

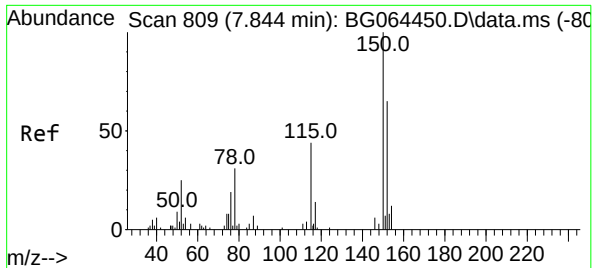
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092925\  
Data File : BG064462.D  
Acq On : 29 Sep 2025 16:34  
Operator : RC/JU  
Sample : Q3181-03  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
WC-A3-01-C

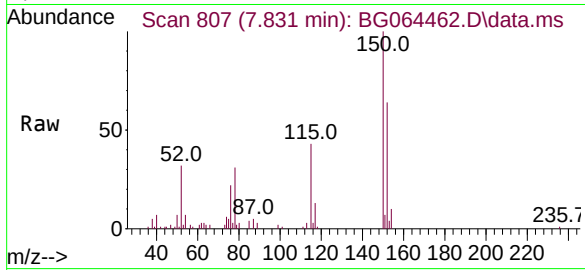
Quant Time: Sep 29 18:14:28 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 29 18:04:12 2025  
Response via : Initial Calibration



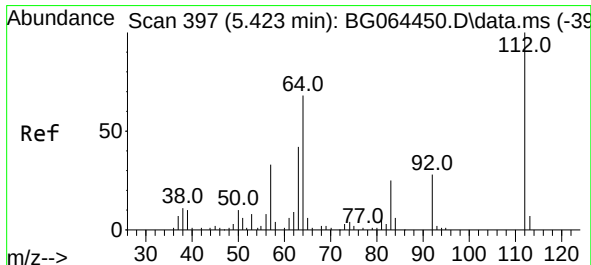
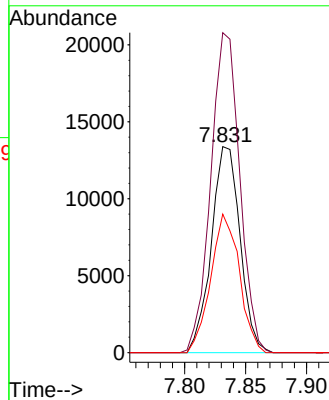
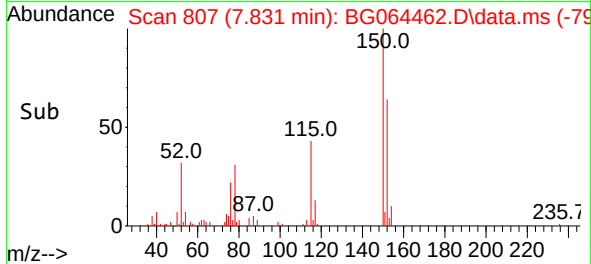


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.831 min Scan# 809  
Delta R.T. -0.013 min  
Lab File: BG064462.D  
Acq: 29 Sep 2025 16:34

Instrument :  
BNA\_G  
ClientSampleId :  
WC-A3-01-C

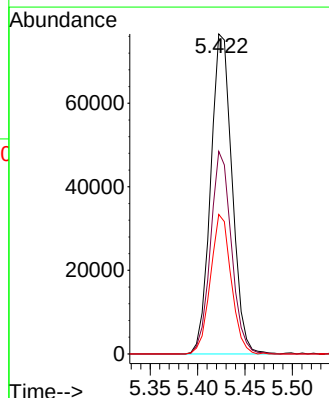
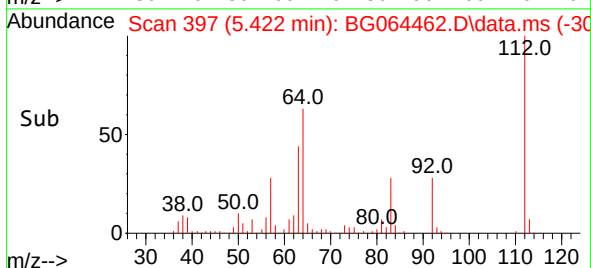
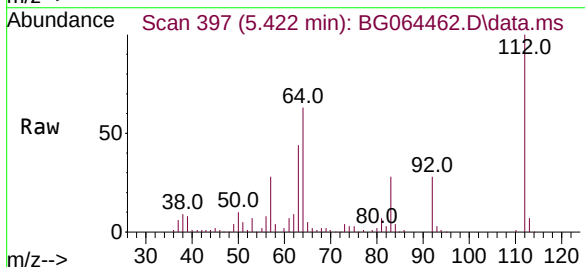


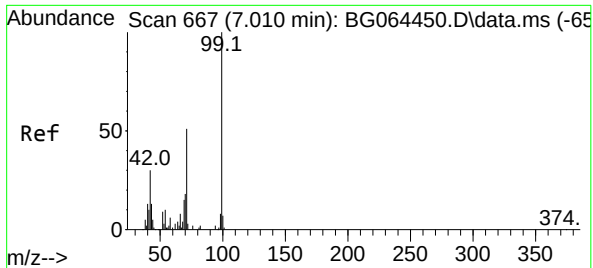
Tgt Ion:152 Resp: 21958  
Ion Ratio Lower Upper  
152 100  
150 155.4 122.9 184.3  
115 67.3 54.3 81.5



#5  
2-Fluorophenol  
Concen: 104.710 ng  
RT: 5.422 min Scan# 397  
Delta R.T. -0.001 min  
Lab File: BG064462.D  
Acq: 29 Sep 2025 16:34

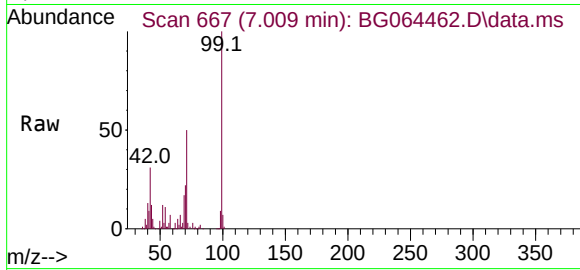
Tgt Ion:112 Resp: 120318  
Ion Ratio Lower Upper  
112 100  
64 63.3 54.0 81.0  
63 43.6 33.8 50.6



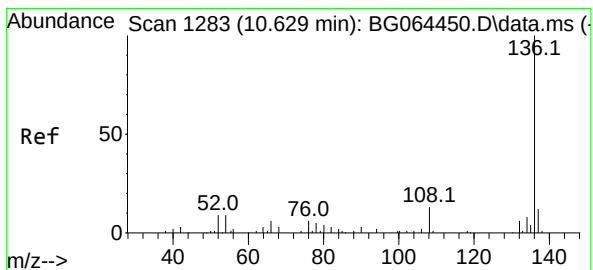
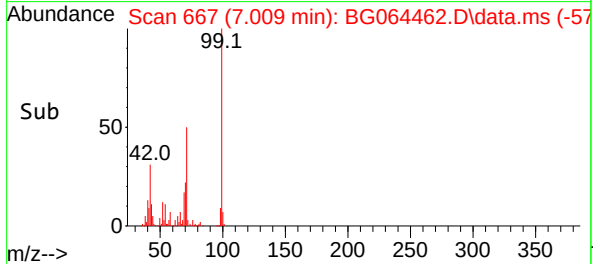
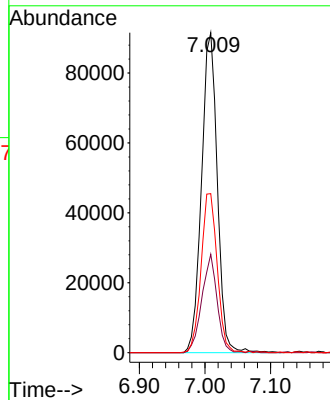


#7  
Phenol-d6  
Concen: 96.664 ng  
RT: 7.009 min Scan# 60  
Delta R.T. -0.001 min  
Lab File: BG064462.D  
Acq: 29 Sep 2025 16:34

Instrument :  
BNA\_G  
ClientSampleId :  
WC-A3-01-C

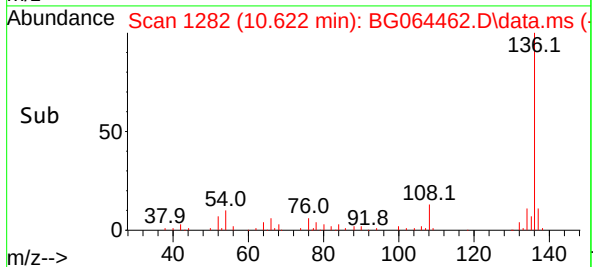
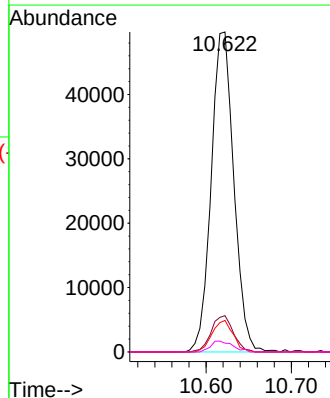
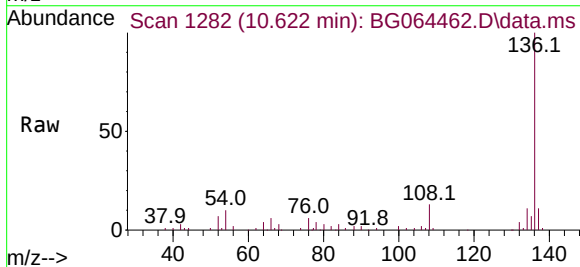


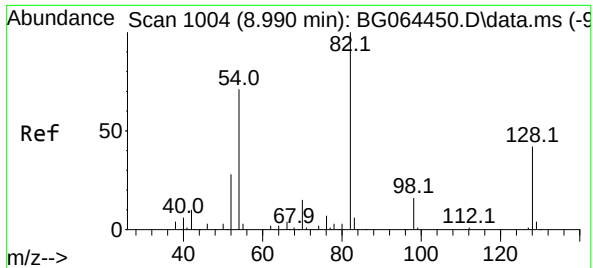
Tgt Ion: 99 Resp: 152169  
Ion Ratio Lower Upper  
99 100  
42 30.8 24.0 36.0  
71 49.7 40.5 60.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.622 min Scan# 1282  
Delta R.T. -0.007 min  
Lab File: BG064462.D  
Acq: 29 Sep 2025 16:34

Tgt Ion:136 Resp: 91617  
Ion Ratio Lower Upper  
136 100  
137 11.3 9.6 14.4  
54 9.8 7.4 11.2  
68 3.2 2.2 3.2





#23

Nitrobenzene-d5

Concen: 68.121 ng

RT: 8.989 min Scan# 10

Delta R.T. -0.001 min

Lab File: BG064462.D

Acq: 29 Sep 2025 16:34

Instrument :

BNA\_G

ClientSampleId :

WC-A3-01-C

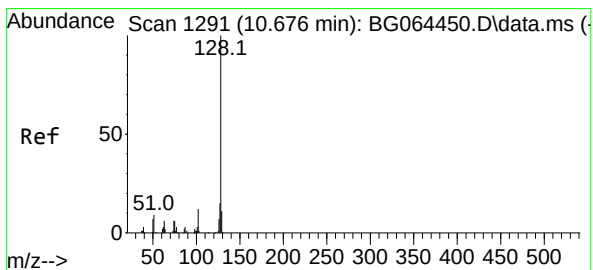
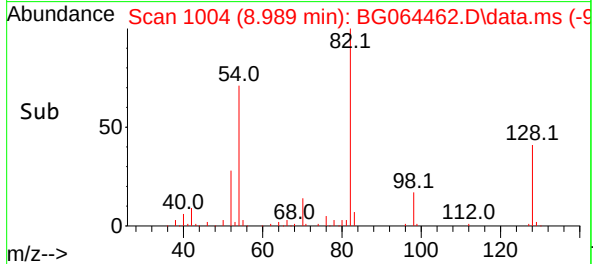
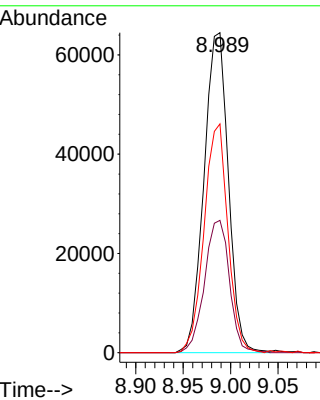
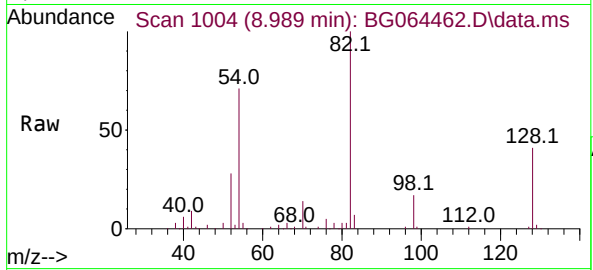
Tgt Ion: 82 Resp: 115160

Ion Ratio Lower Upper

82 100

128 41.3 33.7 50.5

54 71.5 57.0 85.6



#31

Naphthalene

Concen: 7.545 ng

RT: 10.669 min Scan# 1290

Delta R.T. -0.007 min

Lab File: BG064462.D

Acq: 29 Sep 2025 16:34

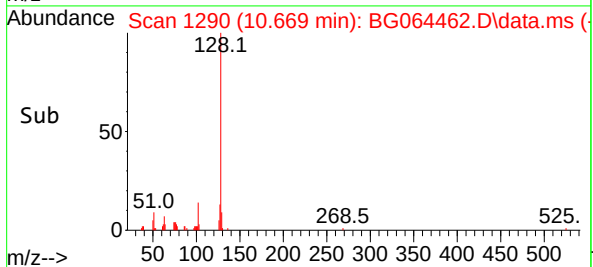
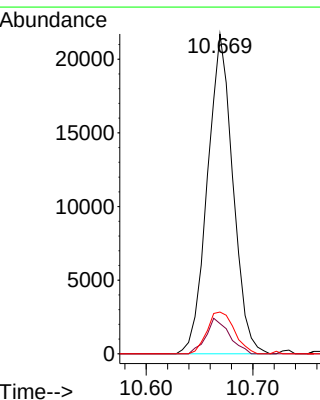
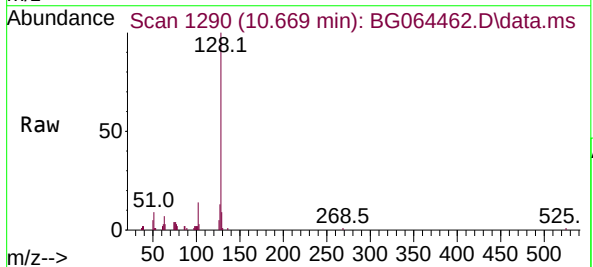
Tgt Ion:128 Resp: 36087

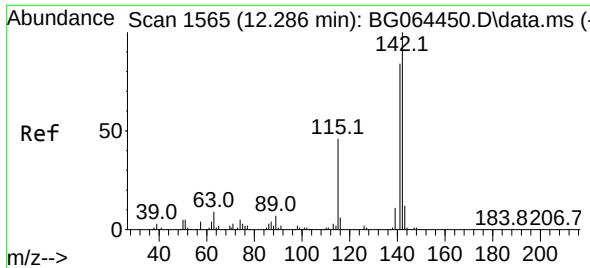
Ion Ratio Lower Upper

128 100

129 9.5 9.2 13.8

127 13.1 12.1 18.1

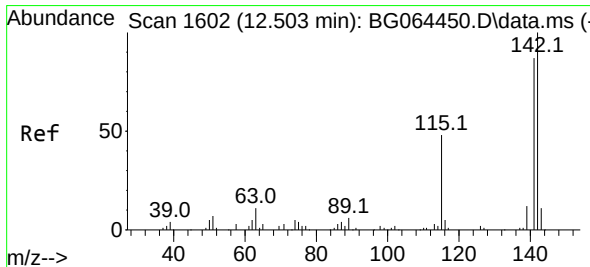
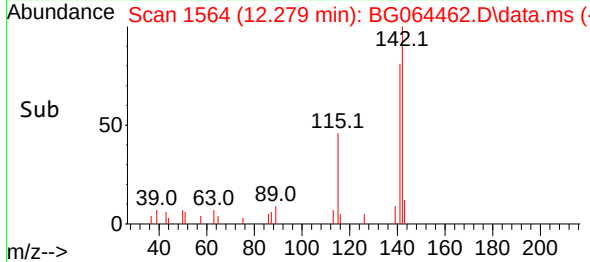
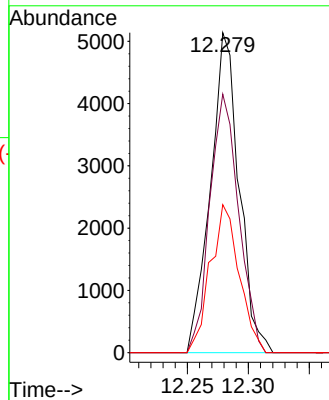
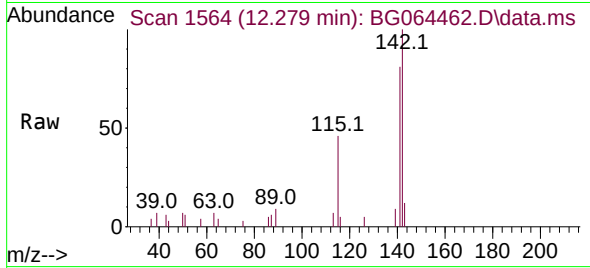




#37  
2-Methylnaphthalene  
Concen: 2.326 ng  
RT: 12.279 min Scan# 11  
Delta R.T. -0.007 min  
Lab File: BG064462.D  
Acq: 29 Sep 2025 16:34

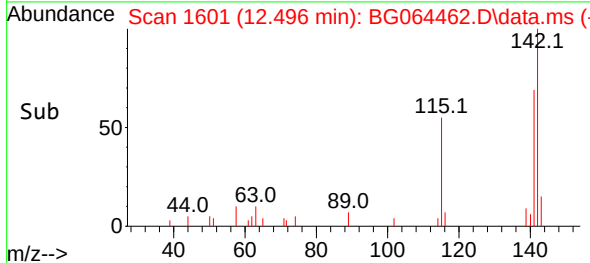
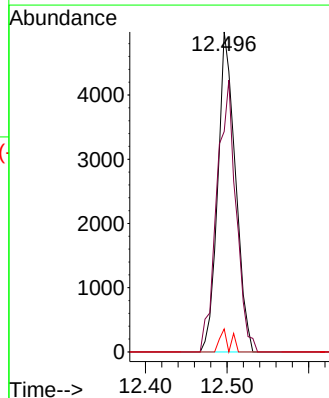
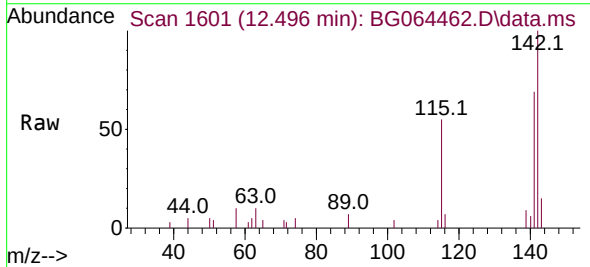
Instrument :  
BNA\_G  
ClientSampleId :  
WC-A3-01-C

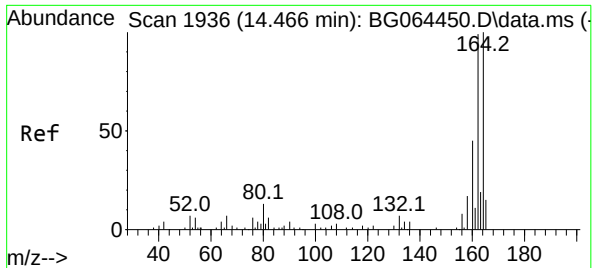
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 80.8  | 67.3  | 100.9 |
| 115     | 46.2  | 37.0  | 55.4  |



#38  
1-Methylnaphthalene  
Concen: 2.121 ng m  
RT: 12.496 min Scan# 1601  
Delta R.T. -0.007 min  
Lab File: BG064462.D  
Acq: 29 Sep 2025 16:34

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 142     | 100   |       |        |
| 141     | 68.9  | 69.2  | 103.8# |
| 116     | 7.2   | 4.2   | 6.4#   |

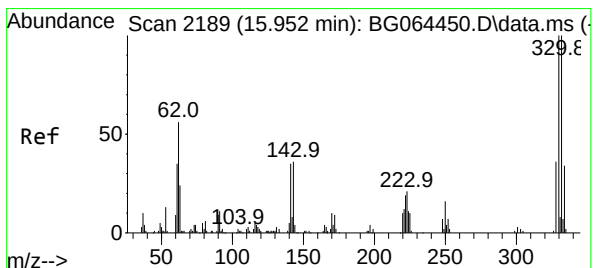
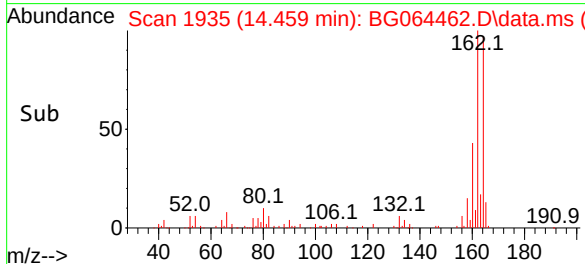
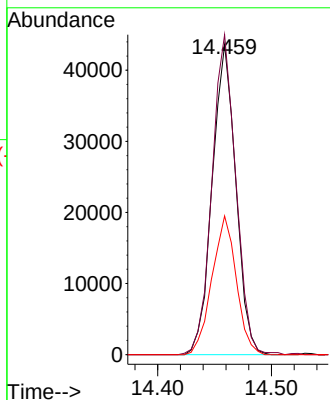
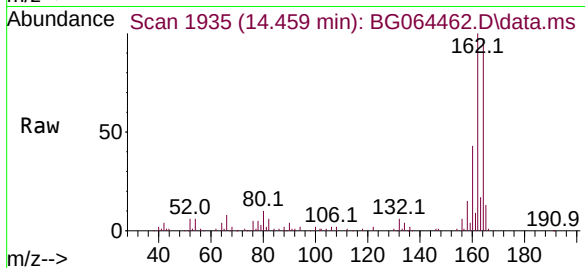




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.459 min Scan# 1935  
Delta R.T. -0.007 min  
Lab File: BG064462.D  
Acq: 29 Sep 2025 16:34

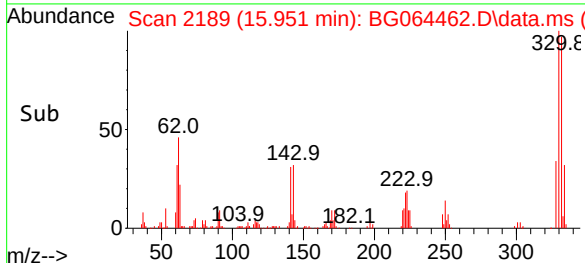
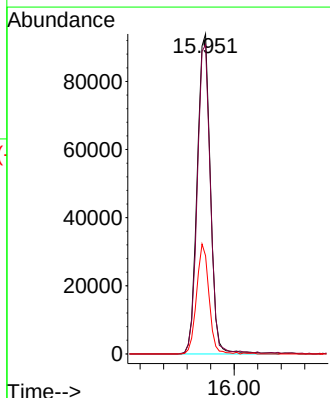
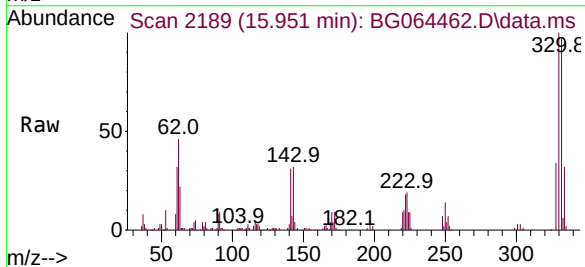
Instrument :  
BNA\_G  
ClientSampleId :  
WC-A3-01-C

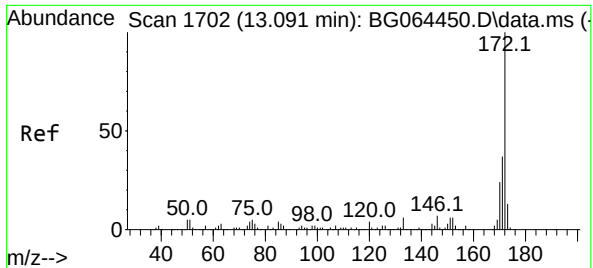
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.2 | 79.0  | 118.4 |
| 160     | 44.7  | 36.3  | 54.5  |



#42  
2,4,6-Tribromophenol  
Concen: 133.068 ng  
RT: 15.951 min Scan# 2189  
Delta R.T. -0.001 min  
Lab File: BG064462.D  
Acq: 29 Sep 2025 16:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.7  | 78.8  | 118.2 |
| 141     | 32.1  | 27.3  | 40.9  |

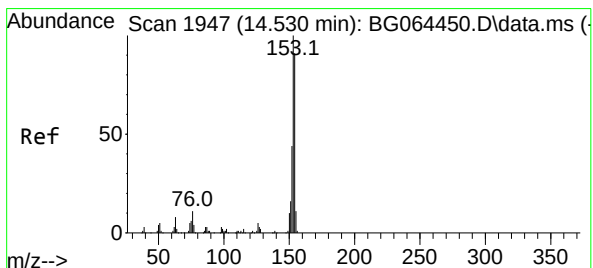
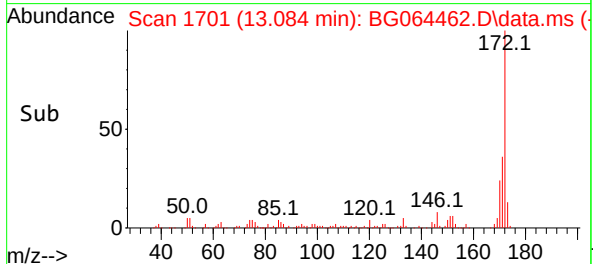
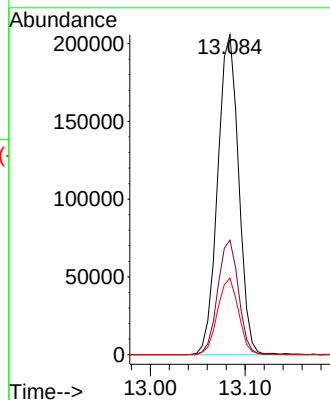
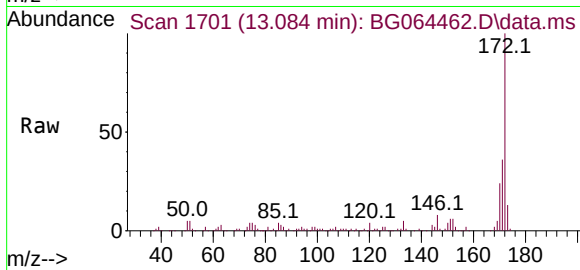




#45  
2-Fluorobiphenyl  
Concen: 74.220 ng  
RT: 13.084 min Scan# 1701  
Delta R.T. -0.007 min  
Lab File: BG064462.D  
Acq: 29 Sep 2025 16:34

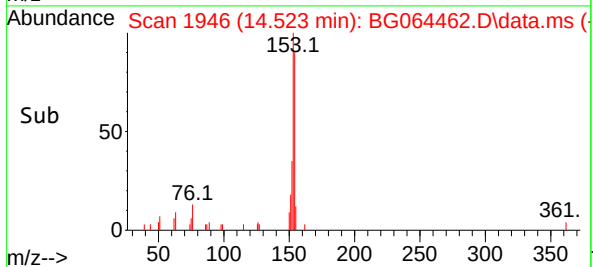
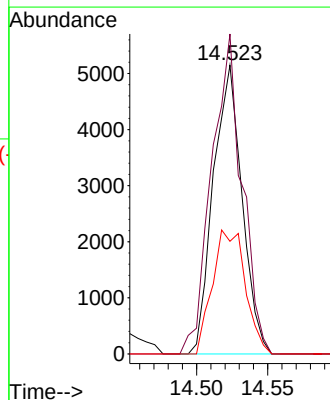
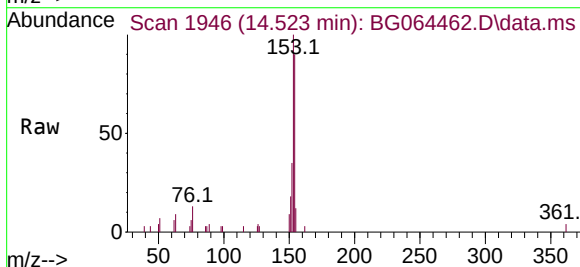
Instrument :  
BNA\_G  
ClientSampleId :  
WC-A3-01-C

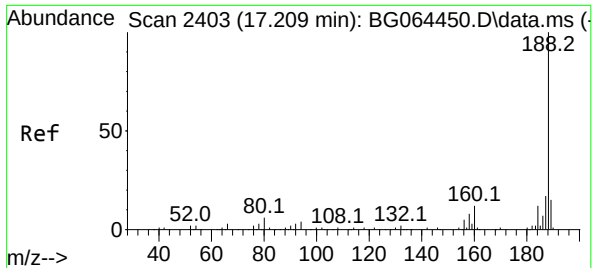
Tgt Ion:172 Resp: 315760  
Ion Ratio Lower Upper  
172 100  
171 35.8 29.4 44.2  
170 23.9 18.9 28.3



#52  
Acenaphthene  
Concen: 2.097 ng  
RT: 14.523 min Scan# 1946  
Delta R.T. -0.007 min  
Lab File: BG064462.D  
Acq: 29 Sep 2025 16:34

Tgt Ion:154 Resp: 7237  
Ion Ratio Lower Upper  
154 100  
153 110.8 88.1 132.1  
152 39.0 39.0 58.4

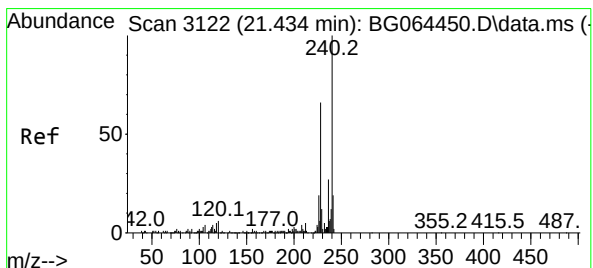
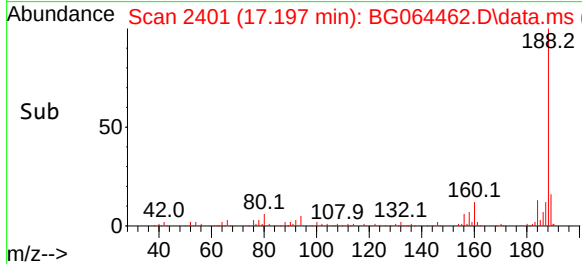
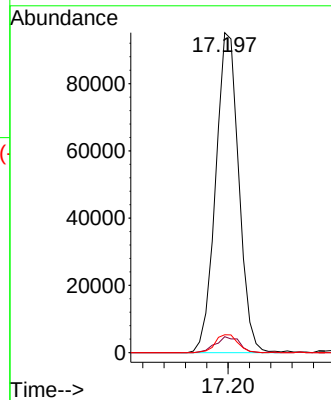
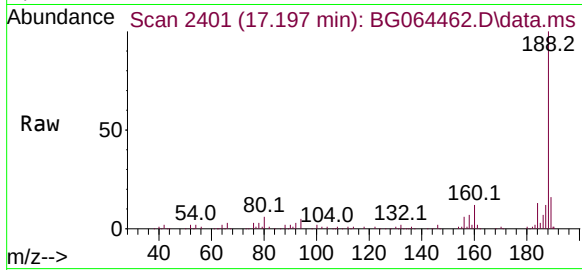




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.197 min Scan# 2401  
Delta R.T. -0.013 min  
Lab File: BG064462.D  
Acq: 29 Sep 2025 16:34

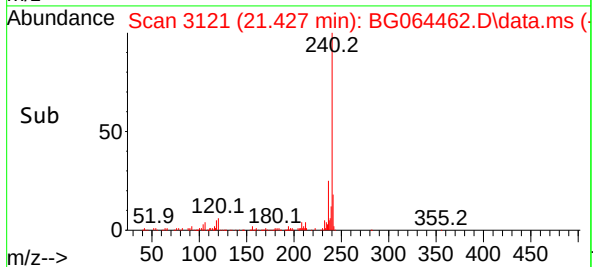
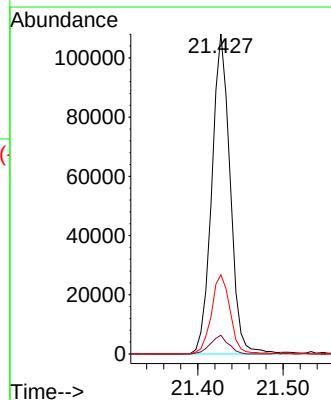
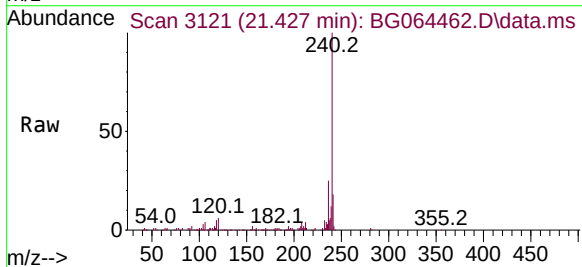
Instrument :  
BNA\_G  
ClientSampleId :  
WC-A3-01-C

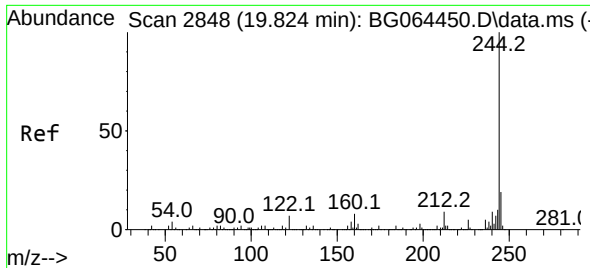
Tgt Ion:188 Resp: 143414  
Ion Ratio Lower Upper  
188 100  
94 5.0 3.0 4.4#  
80 5.6 4.9 7.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.427 min Scan# 3121  
Delta R.T. -0.007 min  
Lab File: BG064462.D  
Acq: 29 Sep 2025 16:34

Tgt Ion:240 Resp: 161191  
Ion Ratio Lower Upper  
240 100  
120 5.8 5.0 7.4  
236 24.7 21.9 32.9

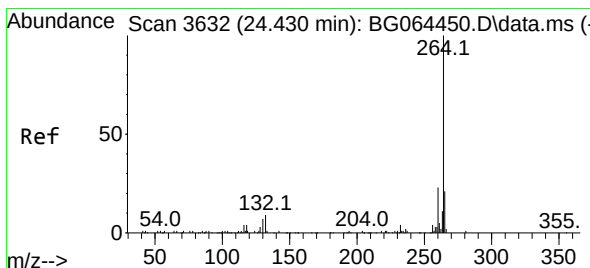
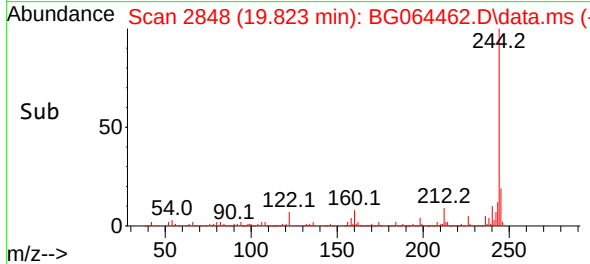
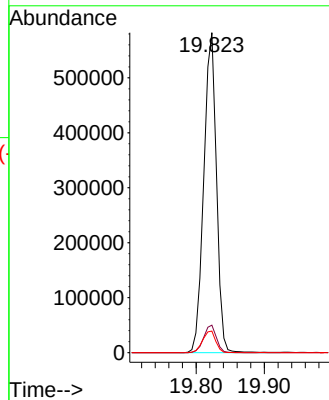
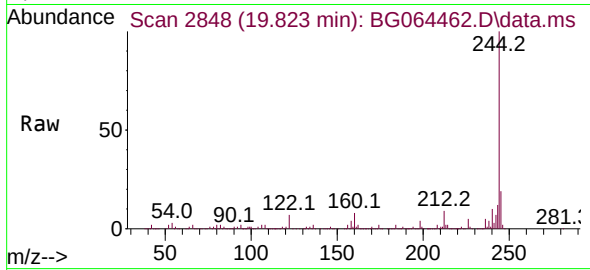




#79  
Terphenyl-d14  
Concen: 91.995 ng  
RT: 19.823 min Scan# 2848  
Delta R.T. -0.001 min  
Lab File: BG064462.D  
Acq: 29 Sep 2025 16:34

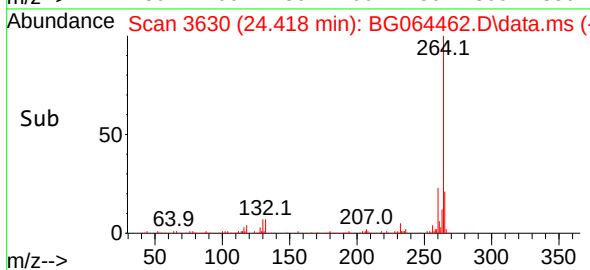
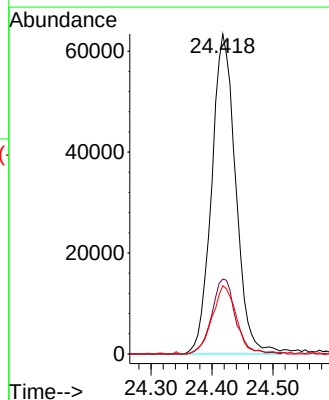
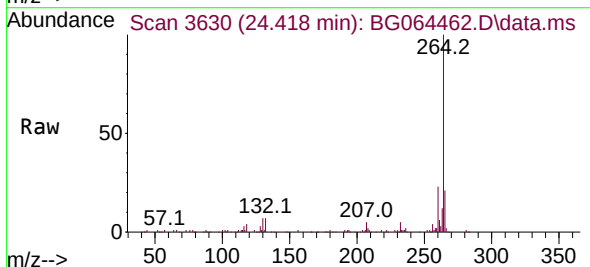
Instrument :  
BNA\_G  
ClientSampleId :  
WC-A3-01-C

Tgt Ion:244 Resp: 752234  
Ion Ratio Lower Upper  
244 100  
212 8.6 7.2 10.8  
122 6.7 5.7 8.5



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.418 min Scan# 3630  
Delta R.T. -0.013 min  
Lab File: BG064462.D  
Acq: 29 Sep 2025 16:34

Tgt Ion:264 Resp: 173694  
Ion Ratio Lower Upper  
264 100  
260 23.4 18.6 27.8  
265 21.4 16.7 25.1



## Report of Analysis

|                    |                                     |                 |          |
|--------------------|-------------------------------------|-----------------|----------|
| Client:            | ENTACT                              | Date Collected: | 09/24/25 |
| Project:           | 540 Degraw St, Brooklyn, NY - E9309 | Date Received:  | 09/24/25 |
| Client Sample ID:  | WC-A3-02-C                          | SDG No.:        | Q3181    |
| Lab Sample ID:     | Q3181-07                            | Matrix:         | TCLP     |
| Analytical Method: | 8270E                               | % Solid:        | 0        |
| Sample Wt/Vol:     | 100 Units: mL                       | Final Vol:      | 1000 uL  |
| Soil Aliquot Vol:  | uL                                  | Test:           | TCLP BNA |
| Extraction Type :  | Decanted : N                        | Level :         | LOW      |
| Injection Volume : | GPC Factor : 1.0                    | GPC Cleanup :   | N PH :   |
| Prep Method :      | SW3541                              |                 |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BG064465.D        | 1         | 09/26/25 11:10 | 09/29/25 18:37 | PB169873      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units    |
|---------------------------|------------------------|--------|-----------|---------------------|------------|----------|
| <b>TARGETS</b>            |                        |        |           |                     |            |          |
| 110-86-1                  | Pyridine               | 0.013  | U         | 0.013               | 0.050      | mg/L     |
| 106-46-7                  | 1,4-Dichlorobenzene    | 0.0053 | U         | 0.0053              | 0.050      | mg/L     |
| 95-48-7                   | 2-Methylphenol         | 0.011  | U         | 0.011               | 0.050      | mg/L     |
| 65794-96-9                | 3+4-Methylphenols      | 0.011  | U         | 0.011               | 0.10       | mg/L     |
| 67-72-1                   | Hexachloroethane       | 0.0065 | U         | 0.0065              | 0.050      | mg/L     |
| 98-95-3                   | Nitrobenzene           | 0.0076 | U         | 0.0076              | 0.050      | mg/L     |
| 87-68-3                   | Hexachlorobutadiene    | 0.0054 | U         | 0.0054              | 0.050      | mg/L     |
| 88-06-2                   | 2,4,6-Trichlorophenol  | 0.0051 | U         | 0.0051              | 0.050      | mg/L     |
| 95-95-4                   | 2,4,5-Trichlorophenol  | 0.0062 | U         | 0.0062              | 0.050      | mg/L     |
| 121-14-2                  | 2,4-Dinitrotoluene     | 0.012  | U         | 0.012               | 0.050      | mg/L     |
| 118-74-1                  | Hexachlorobenzene      | 0.0052 | U         | 0.0052              | 0.050      | mg/L     |
| 87-86-5                   | Pentachlorophenol      | 0.016  | U         | 0.016               | 0.10       | mg/L     |
| <b>SURROGATES</b>         |                        |        |           |                     |            |          |
| 367-12-4                  | 2-Fluorophenol         | 104    |           | 15 (23) - 110 (138) | 69%        | SPK: 150 |
| 13127-88-3                | Phenol-d6              | 93.3   |           | 15 (10) - 110 (134) | 62%        | SPK: 150 |
| 4165-60-0                 | Nitrobenzene-d5        | 72.9   |           | 30 (67) - 130 (132) | 73%        | SPK: 100 |
| 321-60-8                  | 2-Fluorobiphenyl       | 71.4   |           | 30 (52) - 130 (132) | 71%        | SPK: 100 |
| 118-79-6                  | 2,4,6-Tribromophenol   | 128    |           | 15 (44) - 110 (137) | 85%        | SPK: 150 |
| 1718-51-0                 | Terphenyl-d14          | 90.6   |           | 30 (42) - 130 (152) | 91%        | SPK: 100 |
| <b>INTERNAL STANDARDS</b> |                        |        |           |                     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 22000  | 7.83      |                     |            |          |
| 1146-65-2                 | Naphthalene-d8         | 86500  | 10.621    |                     |            |          |
| 15067-26-2                | Acenaphthene-d10       | 62500  | 14.457    |                     |            |          |
| 1517-22-2                 | Phenanthrene-d10       | 142000 | 17.201    |                     |            |          |
| 1719-03-5                 | Chrysene-d12           | 155000 | 21.426    |                     |            |          |
| 1520-96-3                 | Perylene-d12           | 171000 | 24.422    |                     |            |          |

### Report of Analysis

|                    |                                     |                  |                 |          |      |
|--------------------|-------------------------------------|------------------|-----------------|----------|------|
| Client:            | ENTACT                              |                  | Date Collected: | 09/24/25 |      |
| Project:           | 540 Degraw St, Brooklyn, NY - E9309 |                  | Date Received:  | 09/24/25 |      |
| Client Sample ID:  | WC-A3-02-C                          |                  | SDG No.:        | Q3181    |      |
| Lab Sample ID:     | Q3181-07                            |                  | Matrix:         | TCLP     |      |
| Analytical Method: | 8270E                               |                  | % Solid:        | 0        |      |
| Sample Wt/Vol:     | 100                                 | Units: mL        | Final Vol:      | 1000     | uL   |
| Soil Aliquot Vol:  |                                     | uL               | Test:           | TCLP BNA |      |
| Extraction Type :  |                                     | Decanted : N     | Level :         | LOW      |      |
| Injection Volume : |                                     | GPC Factor : 1.0 | GPC Cleanup :   | N        | PH : |
| Prep Method :      | SW3541                              |                  |                 |          |      |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BG064465.D        | 1         | 09/26/25 11:10 | 09/29/25 18:37 | PB169873      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092925\  
 Data File : BG064465.D  
 Acq On : 29 Sep 2025 18:37  
 Operator : RC/JU  
 Sample : Q3181-07  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-A3-02-C

Quant Time: Sep 30 06:56:52 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 29 18:04:12 2025  
 Response via : Initial Calibration

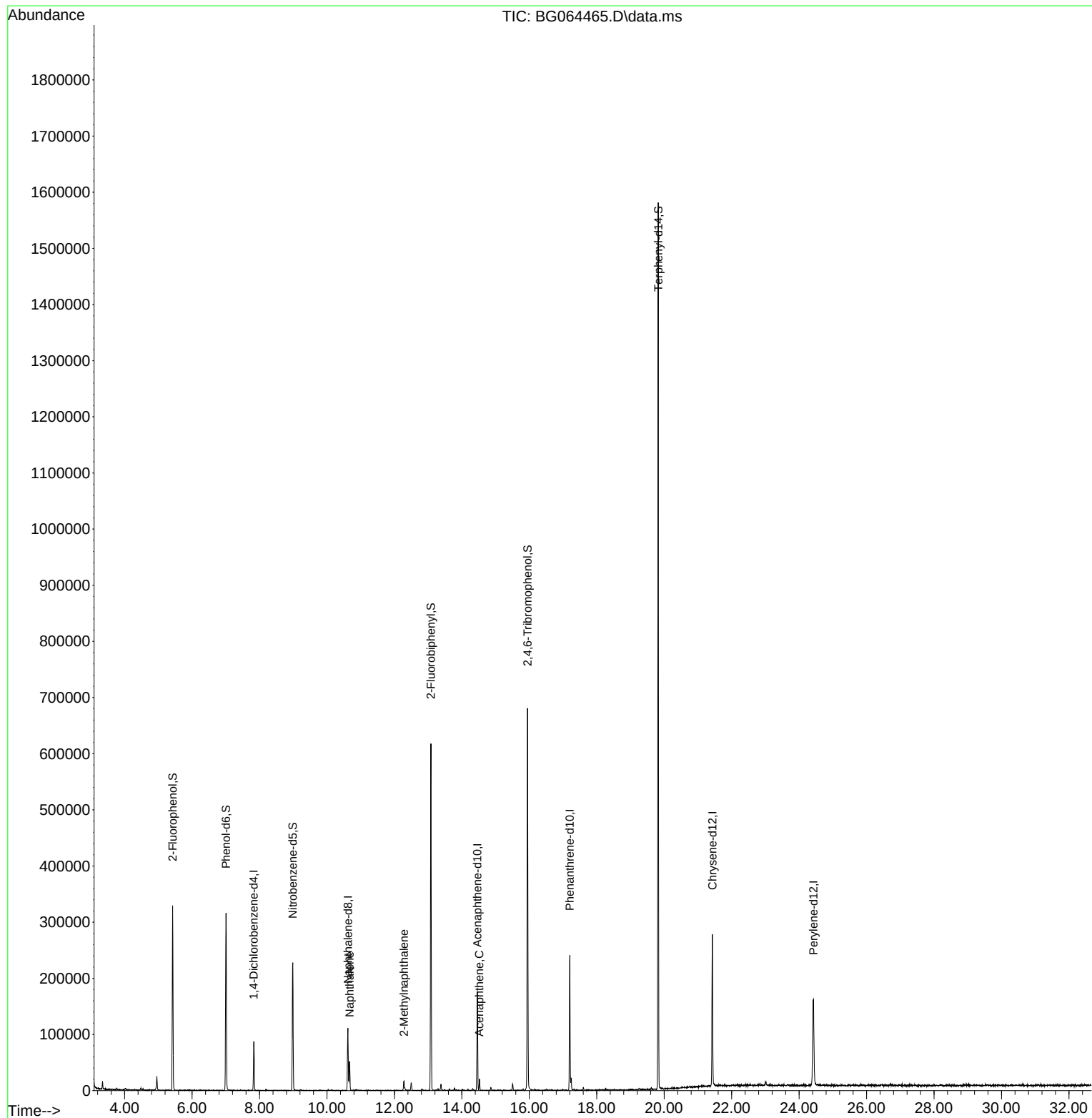
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.830  | 152  | 21992    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.621 | 136  | 86452    | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.457 | 164  | 62516    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.201 | 188  | 141903   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.426 | 240  | 155272   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.422 | 264  | 170865   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.427  | 112  | 119874   | 104.162 | ng    | 0.00     |
| 7) Phenol-d6                | 7.007  | 99   | 147033   | 93.257  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.987  | 82   | 116263   | 72.883  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.950 | 330  | 139578   | 127.892 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.083 | 172  | 302265   | 71.396  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.822 | 244  | 713374   | 90.568  | ng    | 0.00     |
| Target Compounds            |        |      |          |         |       |          |
|                             |        |      |          |         |       | Qvalue   |
| 31) Naphthalene             | 10.668 | 128  | 40938    | 9.070   | ng    | 96       |
| 37) 2-Methylnaphthalene     | 12.283 | 142  | 7768     | 2.279   | ng    | 95       |
| 52) Acenaphthene            | 14.516 | 154  | 7425     | 2.162   | ng    | # 88     |
| -----                       |        |      |          |         |       |          |

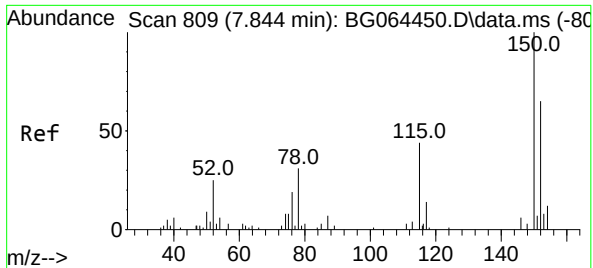
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092925\  
Data File : BG064465.D  
Acq On : 29 Sep 2025 18:37  
Operator : RC/JU  
Sample : Q3181-07  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
WC-A3-02-C

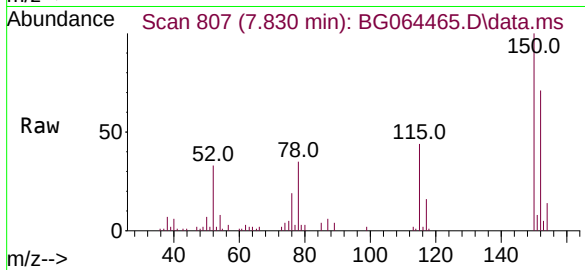
Quant Time: Sep 30 06:56:52 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 29 18:04:12 2025  
Response via : Initial Calibration



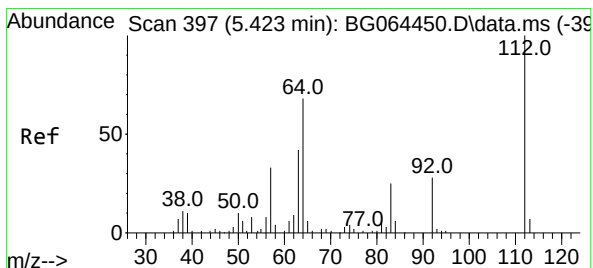
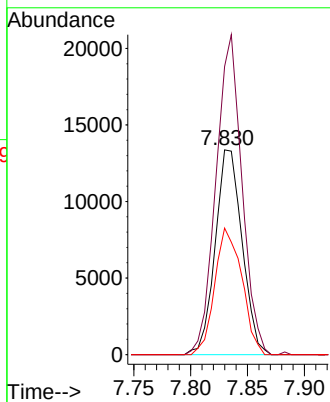
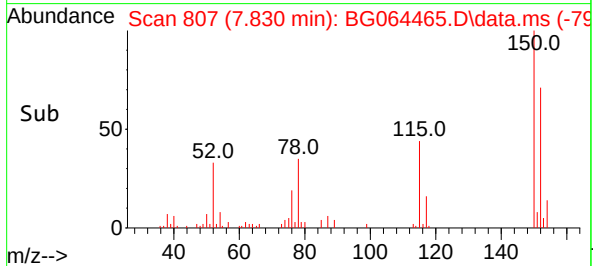


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.830 min Scan# 809  
Delta R.T. -0.014 min  
Lab File: BG064465.D  
Acq: 29 Sep 2025 18:37

Instrument :  
BNA\_G  
ClientSampleId :  
WC-A3-02-C

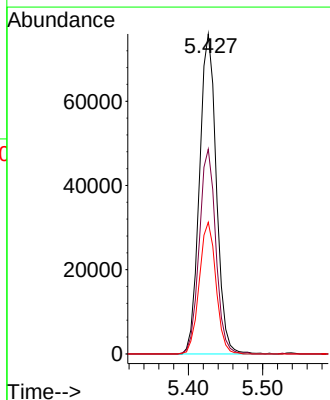
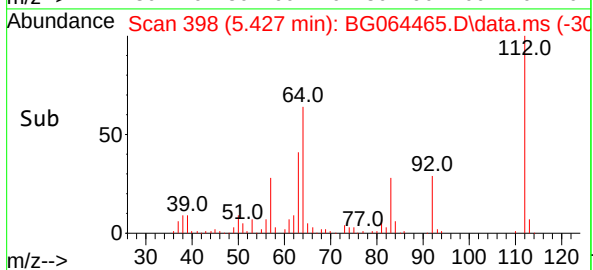
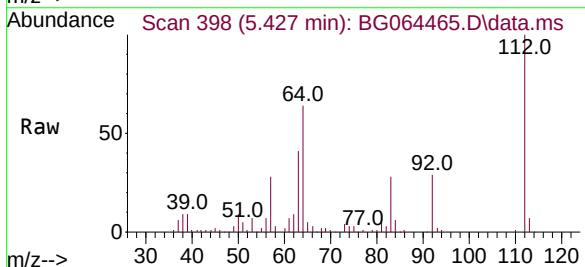


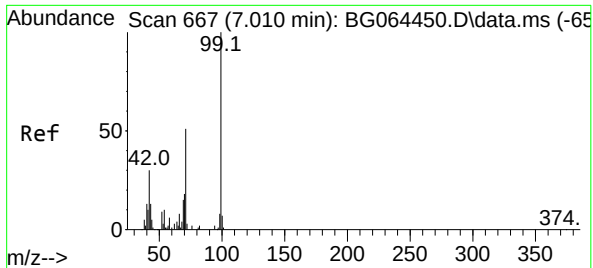
Tgt Ion:152 Resp: 21992  
Ion Ratio Lower Upper  
152 100  
150 140.7 122.9 184.3  
115 61.8 54.3 81.5



#5  
2-Fluorophenol  
Concen: 104.162 ng  
RT: 5.427 min Scan# 398  
Delta R.T. 0.004 min  
Lab File: BG064465.D  
Acq: 29 Sep 2025 18:37

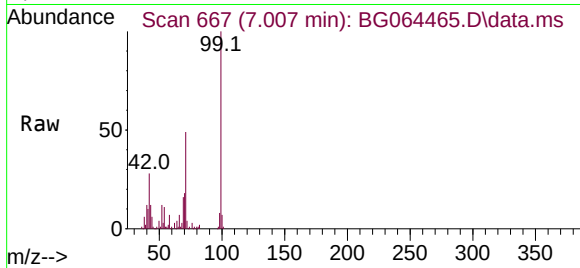
Tgt Ion:112 Resp: 119874  
Ion Ratio Lower Upper  
112 100  
64 64.0 54.0 81.0  
63 41.1 33.8 50.6



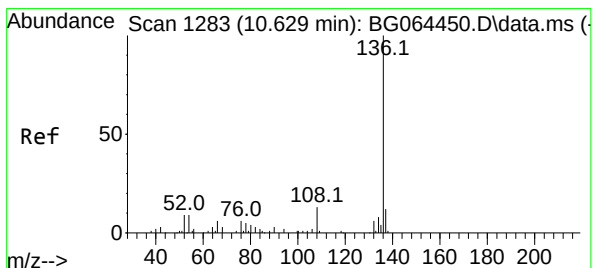
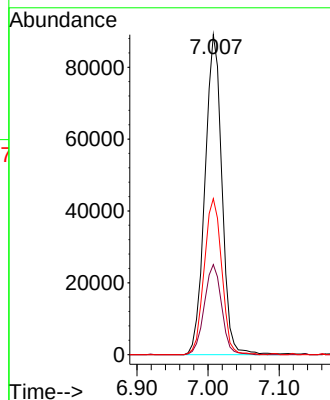
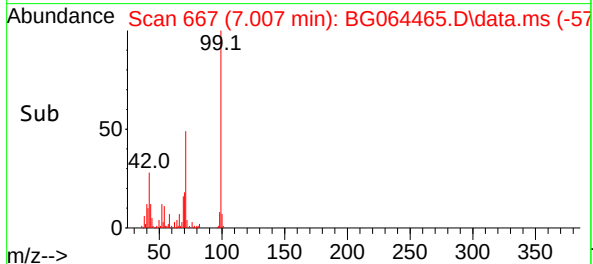


#7  
Phenol-d6  
Concen: 93.257 ng  
RT: 7.007 min Scan# 60  
Delta R.T. -0.002 min  
Lab File: BG064465.D  
Acq: 29 Sep 2025 18:37

Instrument :  
BNA\_G  
ClientSampleId :  
WC-A3-02-C

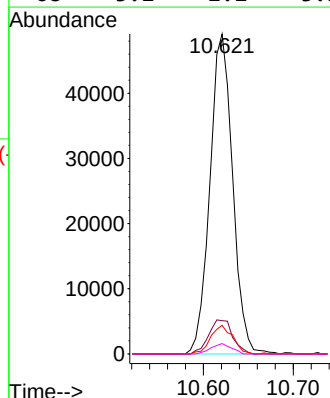
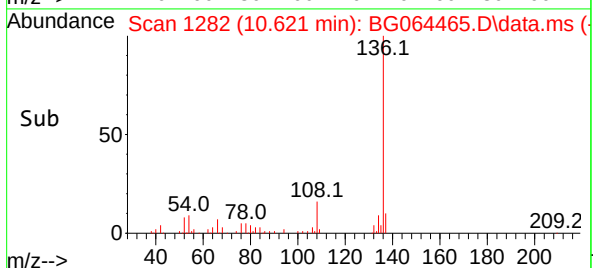
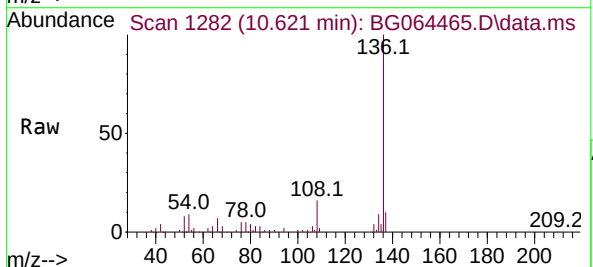


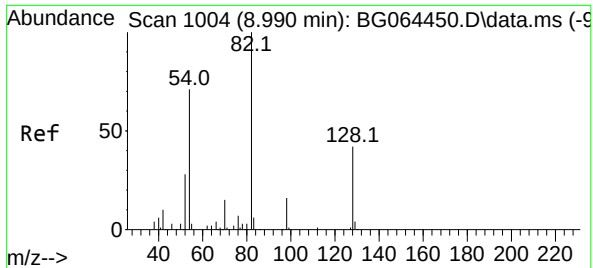
Tgt Ion: 99 Resp: 147033  
Ion Ratio Lower Upper  
99 100  
42 28.1 24.0 36.0  
71 48.7 40.5 60.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.621 min Scan# 1282  
Delta R.T. -0.008 min  
Lab File: BG064465.D  
Acq: 29 Sep 2025 18:37

Tgt Ion:136 Resp: 86452  
Ion Ratio Lower Upper  
136 100  
137 10.4 9.6 14.4  
54 8.9 7.4 11.2  
68 3.2 2.2 3.2





#23

Nitrobenzene-d5

Concen: 72.883 ng

RT: 8.987 min Scan# 1004

Delta R.T. -0.002 min

Lab File: BG064465.D

Acq: 29 Sep 2025 18:37

Instrument :

BNA\_G

ClientSampleId :

WC-A3-02-C

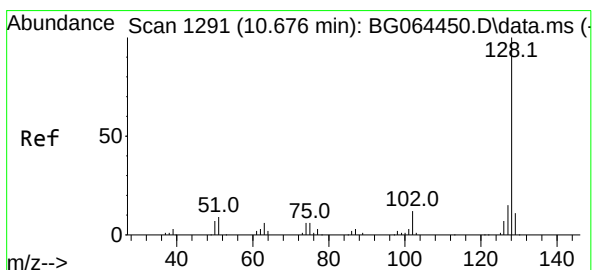
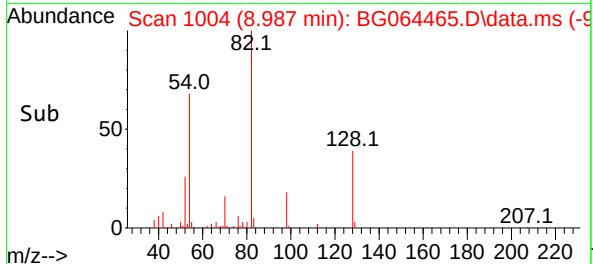
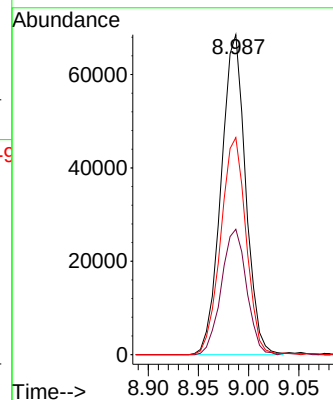
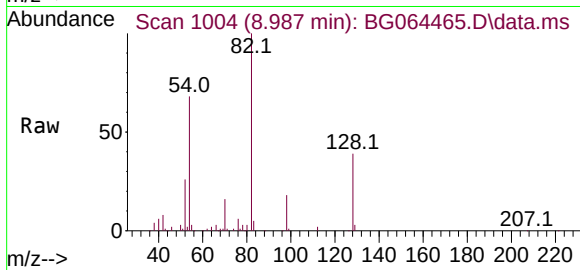
Tgt Ion: 82 Resp: 116263

Ion Ratio Lower Upper

82 100

128 39.2 33.7 50.5

54 67.8 57.0 85.6



#31

Naphthalene

Concen: 9.070 ng

RT: 10.668 min Scan# 1290

Delta R.T. -0.008 min

Lab File: BG064465.D

Acq: 29 Sep 2025 18:37

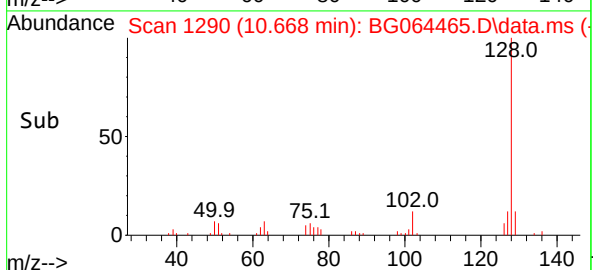
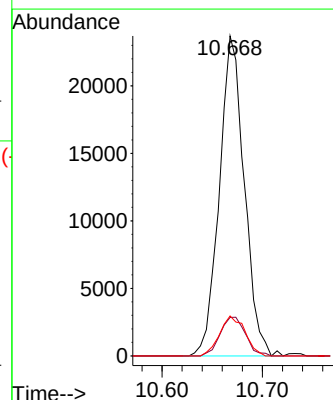
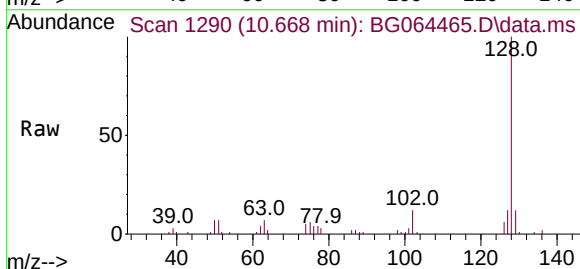
Tgt Ion: 128 Resp: 40938

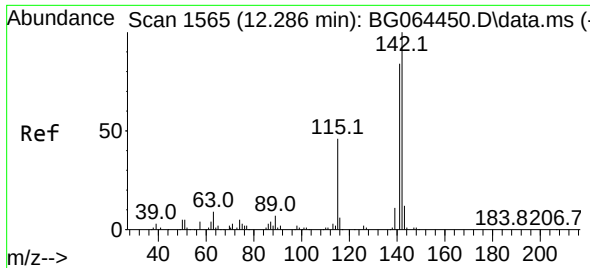
Ion Ratio Lower Upper

128 100

129 12.0 9.2 13.8

127 12.5 12.1 18.1

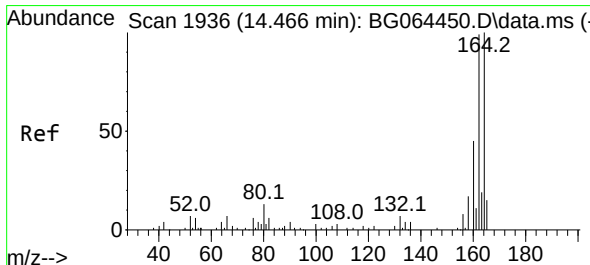
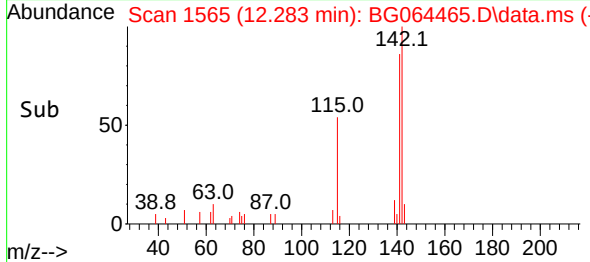
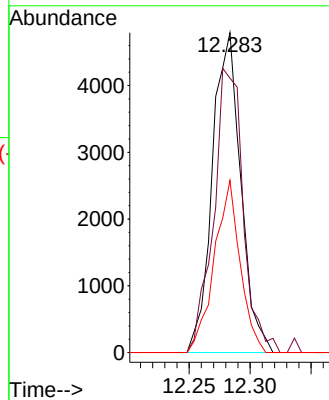
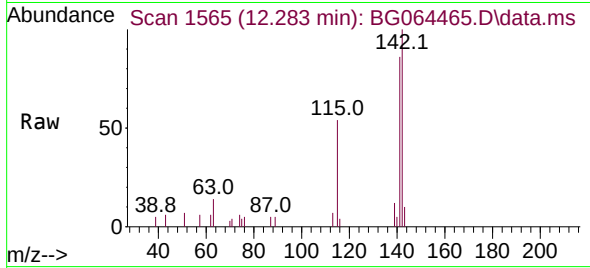




#37  
2-Methylnaphthalene  
Concen: 2.279 ng  
RT: 12.283 min Scan# 11  
Delta R.T. -0.002 min  
Lab File: BG064465.D  
Acq: 29 Sep 2025 18:37

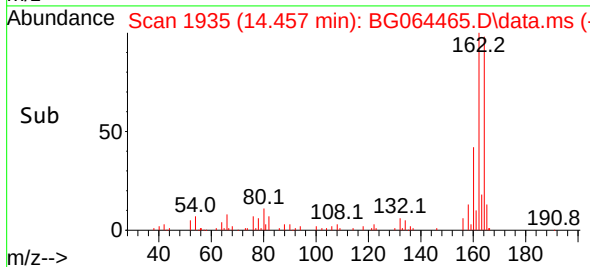
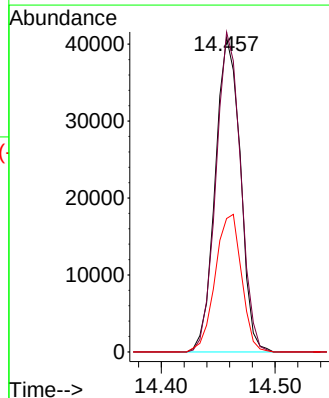
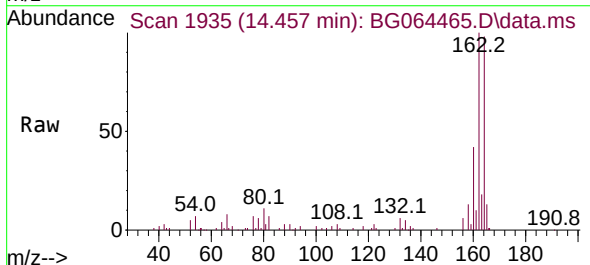
Instrument :  
BNA\_G  
ClientSampleId :  
WC-A3-02-C

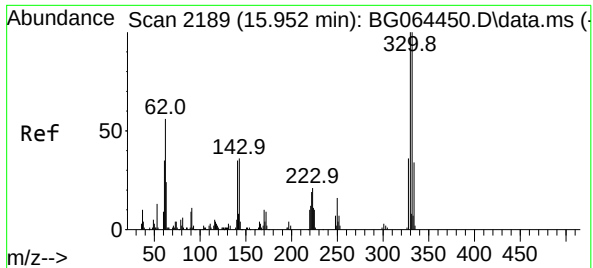
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:142 | Resp: | 7768       |
| Ion Ratio   | Lower | Upper      |
| 142         | 100   |            |
| 141         | 85.8  | 67.3 100.9 |
| 115         | 53.8  | 37.0 55.4  |



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.457 min Scan# 1935  
Delta R.T. -0.008 min  
Lab File: BG064465.D  
Acq: 29 Sep 2025 18:37

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:164 | Resp: | 62516      |
| Ion Ratio   | Lower | Upper      |
| 164         | 100   |            |
| 162         | 101.8 | 79.0 118.4 |
| 160         | 42.4  | 36.3 54.5  |

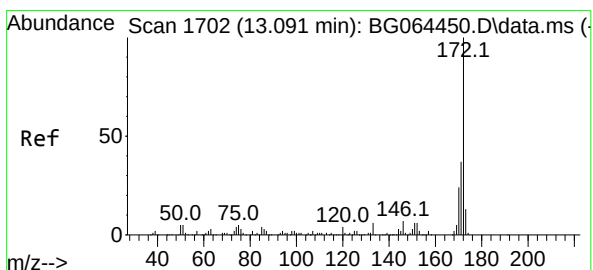
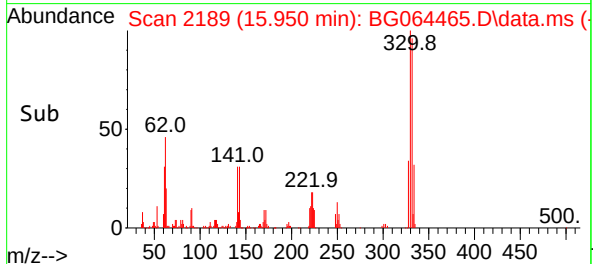
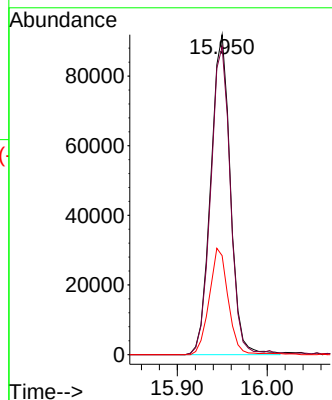
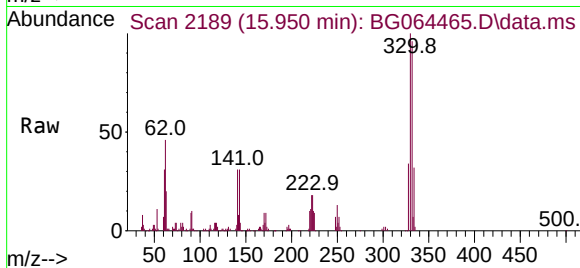




#42  
2,4,6-Tribromophenol  
Concen: 127.892 ng  
RT: 15.950 min Scan# 2189  
Delta R.T. -0.002 min  
Lab File: BG064465.D  
Acq: 29 Sep 2025 18:37

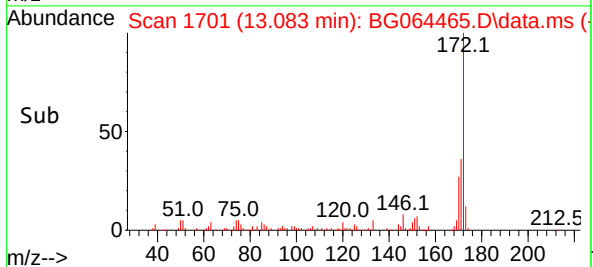
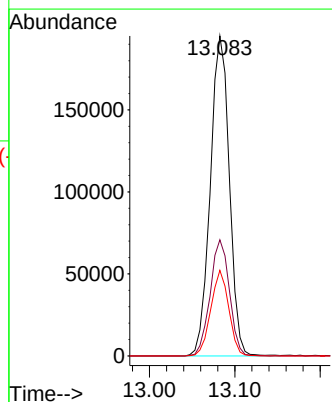
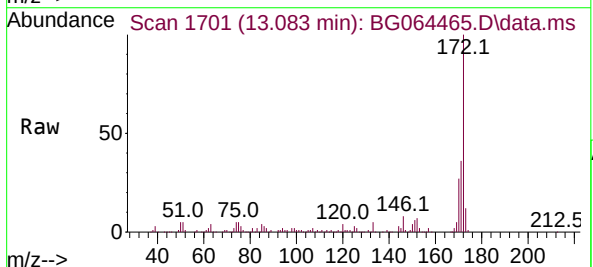
Instrument :  
BNA\_G  
ClientSampleId :  
WC-A3-02-C

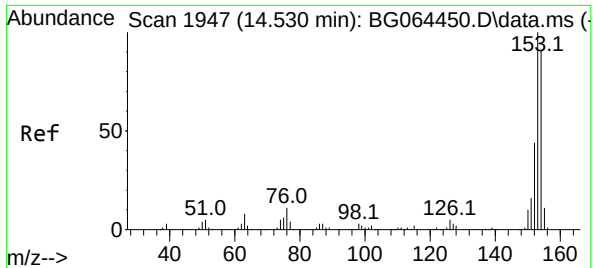
| Tgt Ion | 330  | Ratio | 100  | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 330     | 100  |       |      |       |       |
| 332     | 96.6 |       | 78.8 |       | 118.2 |
| 141     | 32.3 |       | 27.3 |       | 40.9  |



#45  
2-Fluorobiphenyl  
Concen: 71.396 ng  
RT: 13.083 min Scan# 1701  
Delta R.T. -0.008 min  
Lab File: BG064465.D  
Acq: 29 Sep 2025 18:37

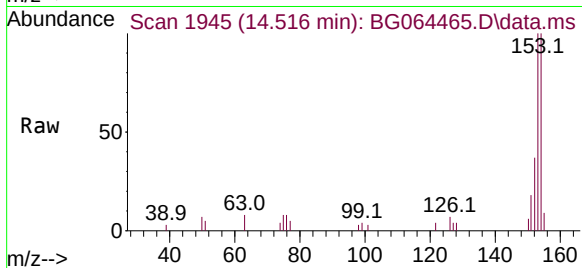
| Tgt Ion | 172  | Ratio | 100  | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 172     | 100  |       |      |       |       |
| 171     | 36.3 |       | 29.4 |       | 44.2  |
| 170     | 26.7 |       | 18.9 |       | 28.3  |



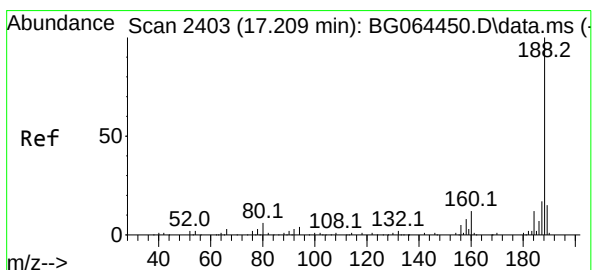
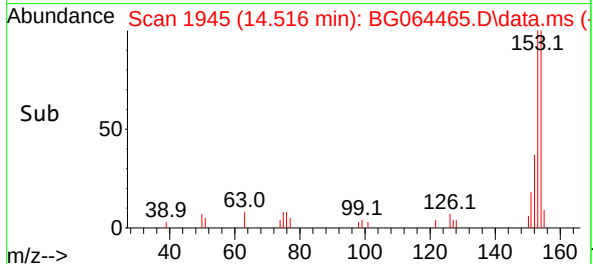
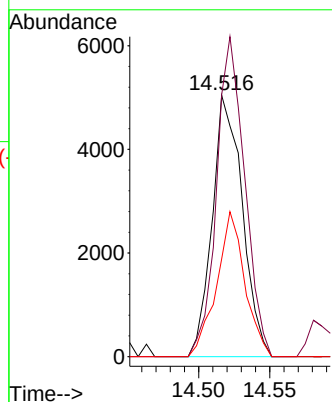


#52  
Acenaphthene  
Concen: 2.162 ng  
RT: 14.516 min Scan# 1945  
Delta R.T. -0.014 min  
Lab File: BG064465.D  
Acq: 29 Sep 2025 18:37

Instrument :  
BNA\_G  
ClientSampleId :  
WC-A3-02-C

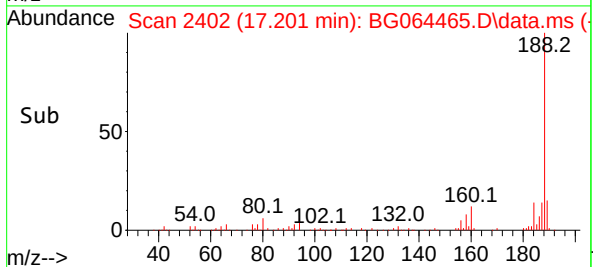
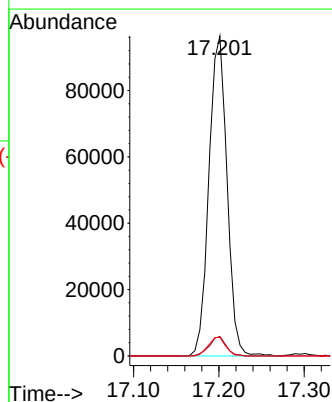
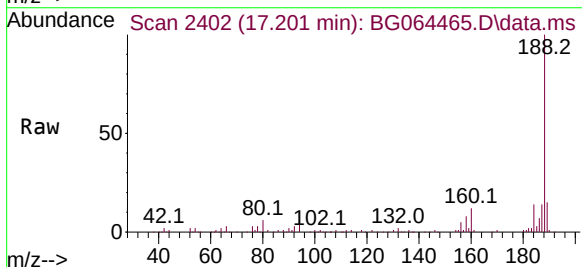


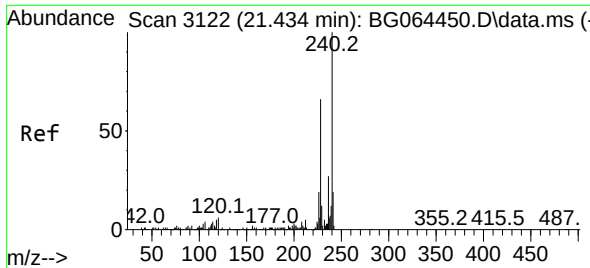
Tgt Ion:154 Resp: 7425  
Ion Ratio Lower Upper  
154 100  
153 100.0 88.1 132.1  
152 37.3 39.0 58.4#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.201 min Scan# 2402  
Delta R.T. -0.008 min  
Lab File: BG064465.D  
Acq: 29 Sep 2025 18:37

Tgt Ion:188 Resp: 141903  
Ion Ratio Lower Upper  
188 100  
94 6.1 3.0 4.4#  
80 5.8 4.9 7.3

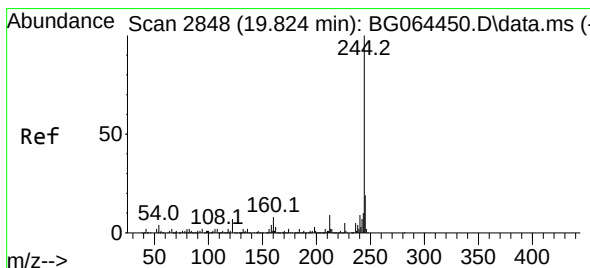
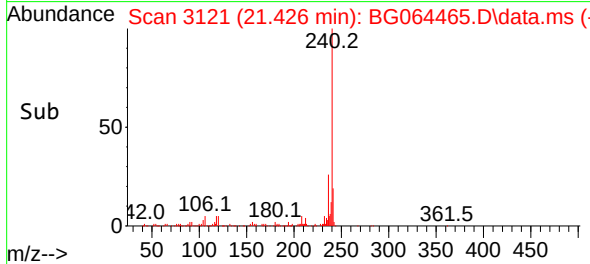
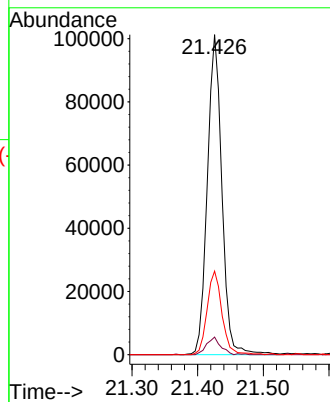
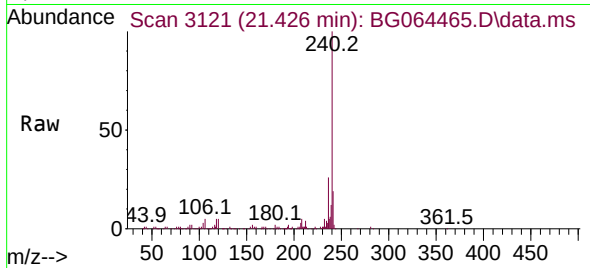




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.426 min Scan# 31  
Delta R.T. -0.008 min  
Lab File: BG064465.D  
Acq: 29 Sep 2025 18:37

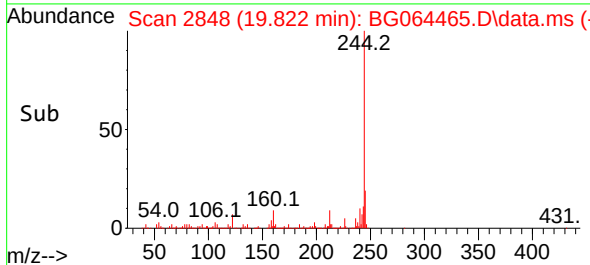
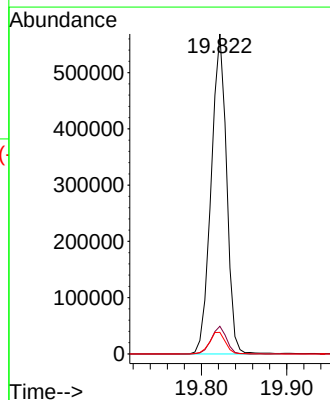
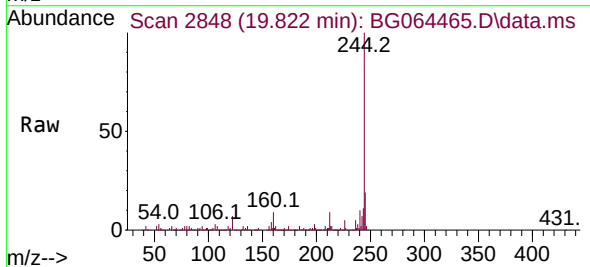
Instrument :  
BNA\_G  
ClientSampleId :  
WC-A3-02-C

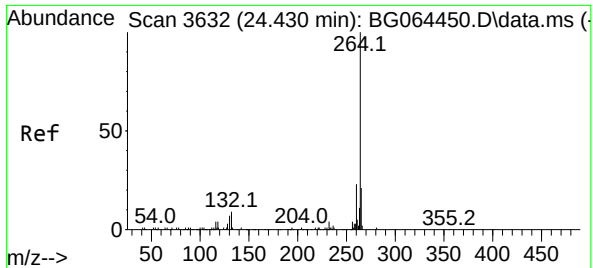
Tgt Ion:240 Resp: 155272  
Ion Ratio Lower Upper  
240 100  
120 5.5 5.0 7.4  
236 26.1 21.9 32.9



#79  
Terphenyl-d14  
Concen: 90.568 ng  
RT: 19.822 min Scan# 2848  
Delta R.T. -0.002 min  
Lab File: BG064465.D  
Acq: 29 Sep 2025 18:37

Tgt Ion:244 Resp: 713374  
Ion Ratio Lower Upper  
244 100  
212 8.6 7.2 10.8  
122 6.7 5.7 8.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.422 min Scan# 30

Delta R.T. -0.008 min

Lab File: BG064465.D

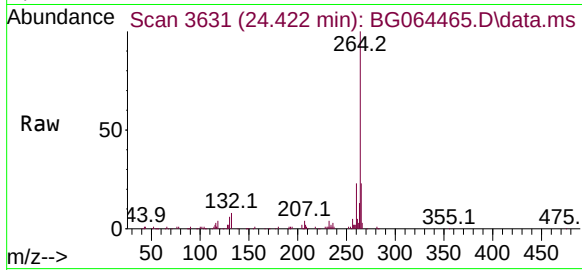
Acq: 29 Sep 2025 18:37

Instrument :

BNA\_G

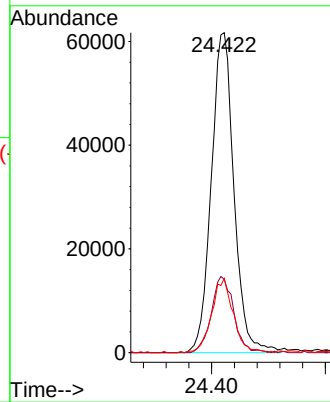
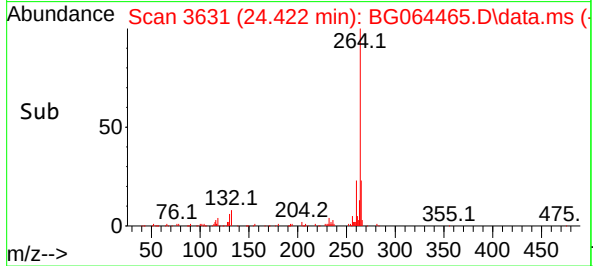
ClientSampleId :

WC-A3-02-C



Tgt Ion:264 Resp: 170865

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.9  | 18.6  | 27.8  |
| 265 | 23.2  | 16.7  | 25.1  |



## Report of Analysis

|                    |                                     |                 |          |
|--------------------|-------------------------------------|-----------------|----------|
| Client:            | ENTACT                              | Date Collected: | 09/24/25 |
| Project:           | 540 Degraw St, Brooklyn, NY - E9309 | Date Received:  | 09/24/25 |
| Client Sample ID:  | WC-A3-03-C                          | SDG No.:        | Q3181    |
| Lab Sample ID:     | Q3181-11                            | Matrix:         | TCLP     |
| Analytical Method: | 8270E                               | % Solid:        | 0        |
| Sample Wt/Vol:     | 100 Units: mL                       | Final Vol:      | 1000 uL  |
| Soil Aliquot Vol:  | uL                                  | Test:           | TCLP BNA |
| Extraction Type :  | Decanted : N                        | Level :         | LOW      |
| Injection Volume : | GPC Factor : 1.0                    | GPC Cleanup :   | N PH :   |
| Prep Method :      | SW3541                              |                 |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BG064466.D        | 1         | 09/26/25 11:10 | 09/29/25 19:19 | PB169873      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units    |
|---------------------------|------------------------|--------|-----------|---------------------|------------|----------|
| <b>TARGETS</b>            |                        |        |           |                     |            |          |
| 110-86-1                  | Pyridine               | 0.013  | U         | 0.013               | 0.050      | mg/L     |
| 106-46-7                  | 1,4-Dichlorobenzene    | 0.0053 | U         | 0.0053              | 0.050      | mg/L     |
| 95-48-7                   | 2-Methylphenol         | 0.011  | U         | 0.011               | 0.050      | mg/L     |
| 65794-96-9                | 3+4-Methylphenols      | 0.011  | U         | 0.011               | 0.10       | mg/L     |
| 67-72-1                   | Hexachloroethane       | 0.0065 | U         | 0.0065              | 0.050      | mg/L     |
| 98-95-3                   | Nitrobenzene           | 0.0076 | U         | 0.0076              | 0.050      | mg/L     |
| 87-68-3                   | Hexachlorobutadiene    | 0.0054 | U         | 0.0054              | 0.050      | mg/L     |
| 88-06-2                   | 2,4,6-Trichlorophenol  | 0.0051 | U         | 0.0051              | 0.050      | mg/L     |
| 95-95-4                   | 2,4,5-Trichlorophenol  | 0.0062 | U         | 0.0062              | 0.050      | mg/L     |
| 121-14-2                  | 2,4-Dinitrotoluene     | 0.012  | U         | 0.012               | 0.050      | mg/L     |
| 118-74-1                  | Hexachlorobenzene      | 0.0052 | U         | 0.0052              | 0.050      | mg/L     |
| 87-86-5                   | Pentachlorophenol      | 0.016  | U         | 0.016               | 0.10       | mg/L     |
| <b>SURROGATES</b>         |                        |        |           |                     |            |          |
| 367-12-4                  | 2-Fluorophenol         | 90.9   |           | 15 (23) - 110 (138) | 61%        | SPK: 150 |
| 13127-88-3                | Phenol-d6              | 81.9   |           | 15 (10) - 110 (134) | 55%        | SPK: 150 |
| 4165-60-0                 | Nitrobenzene-d5        | 64.3   |           | 30 (67) - 130 (132) | 64%        | SPK: 100 |
| 321-60-8                  | 2-Fluorobiphenyl       | 67.2   |           | 30 (52) - 130 (132) | 67%        | SPK: 100 |
| 118-79-6                  | 2,4,6-Tribromophenol   | 126    |           | 15 (44) - 110 (137) | 84%        | SPK: 150 |
| 1718-51-0                 | Terphenyl-d14          | 95.5   |           | 30 (42) - 130 (152) | 96%        | SPK: 100 |
| <b>INTERNAL STANDARDS</b> |                        |        |           |                     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 22300  | 7.829     |                     |            |          |
| 1146-65-2                 | Naphthalene-d8         | 85100  | 10.62     |                     |            |          |
| 15067-26-2                | Acenaphthene-d10       | 59900  | 14.457    |                     |            |          |
| 1517-22-2                 | Phenanthrene-d10       | 139000 | 17.201    |                     |            |          |
| 1719-03-5                 | Chrysene-d12           | 147000 | 21.425    |                     |            |          |
| 1520-96-3                 | Perylene-d12           | 163000 | 24.416    |                     |            |          |

### Report of Analysis

|                    |                                     |                  |                 |          |      |
|--------------------|-------------------------------------|------------------|-----------------|----------|------|
| Client:            | ENTACT                              |                  | Date Collected: | 09/24/25 |      |
| Project:           | 540 Degraw St, Brooklyn, NY - E9309 |                  | Date Received:  | 09/24/25 |      |
| Client Sample ID:  | WC-A3-03-C                          |                  | SDG No.:        | Q3181    |      |
| Lab Sample ID:     | Q3181-11                            |                  | Matrix:         | TCLP     |      |
| Analytical Method: | 8270E                               |                  | % Solid:        | 0        |      |
| Sample Wt/Vol:     | 100                                 | Units: mL        | Final Vol:      | 1000     | uL   |
| Soil Aliquot Vol:  |                                     | uL               | Test:           | TCLP BNA |      |
| Extraction Type :  |                                     | Decanted : N     | Level :         | LOW      |      |
| Injection Volume : |                                     | GPC Factor : 1.0 | GPC Cleanup :   | N        | PH : |
| Prep Method :      | SW3541                              |                  |                 |          |      |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BG064466.D        | 1         | 09/26/25 11:10 | 09/29/25 19:19 | PB169873      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092925\  
 Data File : BG064466.D  
 Acq On : 29 Sep 2025 19:19  
 Operator : RC/JU  
 Sample : Q3181-11  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-A3-03-C

Quant Time: Sep 30 06:57:14 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 29 18:04:12 2025  
 Response via : Initial Calibration

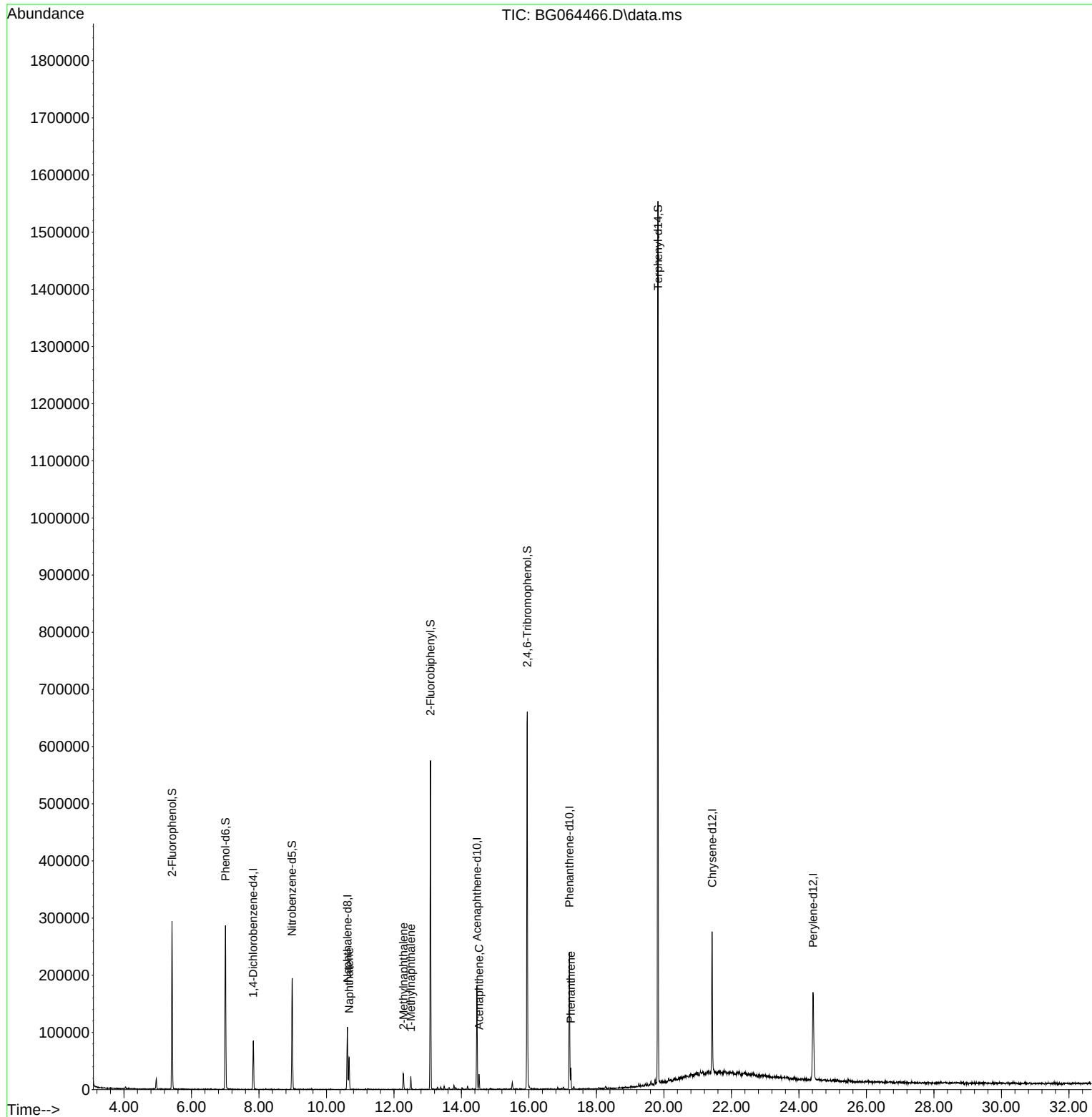
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.829  | 152  | 22344    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.620 | 136  | 85089    | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.457 | 164  | 59899    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.201 | 188  | 139498   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.425 | 240  | 147376   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.416 | 264  | 163343   | 20.000  | ng    | -0.01    |
|                             |        |      |          |         |       |          |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.426  | 112  | 106304   | 90.916  | ng    | 0.00     |
| 7) Phenol-d6                | 7.007  | 99   | 131265   | 81.944  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.981  | 82   | 101021   | 64.342  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.949 | 330  | 131617   | 125.866 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.082 | 172  | 272590   | 67.200  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.821 | 244  | 714015   | 95.506  | ng    | 0.00     |
|                             |        |      |          |         |       |          |
| Target Compounds            |        |      |          |         |       | Qvalue   |
| 31) Naphthalene             | 10.673 | 128  | 45329    | 10.204  | ng    | # 94     |
| 37) 2-Methylnaphthalene     | 12.283 | 142  | 13670    | 4.075   | ng    | 85       |
| 38) 1-Methylnaphthalene     | 12.500 | 142  | 10408    | 3.158   | ng    | # 93     |
| 52) Acenaphthene            | 14.522 | 154  | 10295    | 3.129   | ng    | 92       |
| 71) Phenanthrene            | 17.242 | 178  | 22922    | 3.161   | ng    | 98       |
| -----                       |        |      |          |         |       |          |

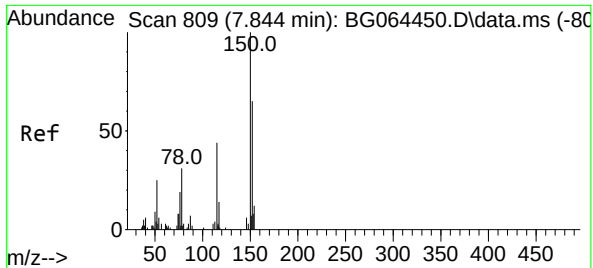
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092925\  
Data File : BG064466.D  
Acq On : 29 Sep 2025 19:19  
Operator : RC/JU  
Sample : Q3181-11  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
WC-A3-03-C

Quant Time: Sep 30 06:57:14 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 29 18:04:12 2025  
Response via : Initial Calibration

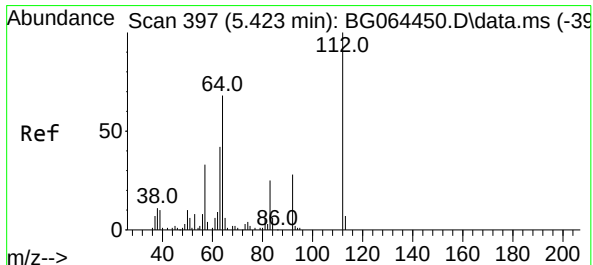
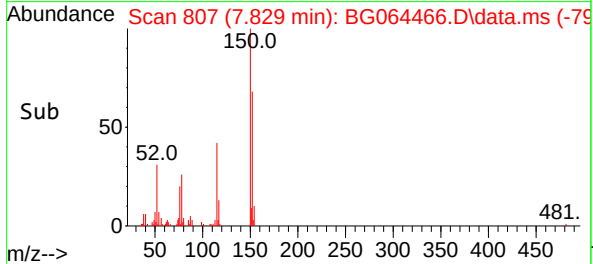
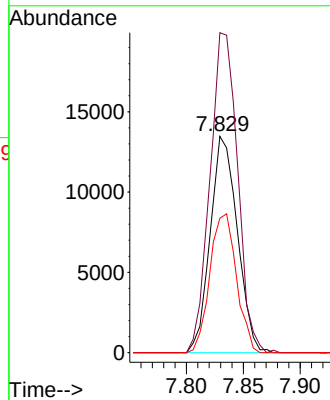
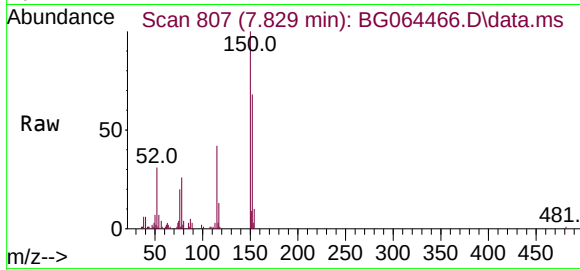




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.829 min Scan# 809  
Delta R.T. -0.015 min  
Lab File: BG064466.D  
Acq: 29 Sep 2025 19:19

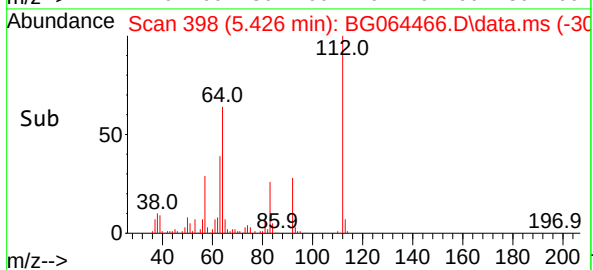
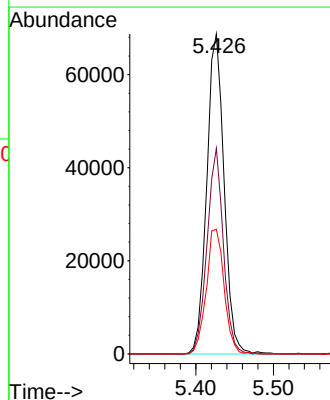
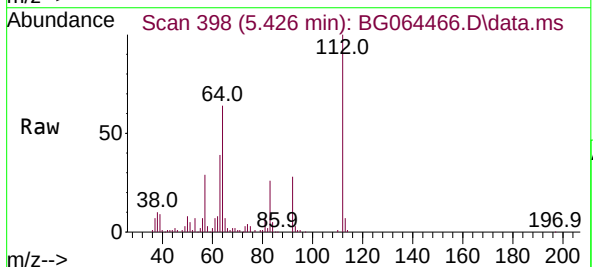
Instrument :  
BNA\_G  
ClientSampleId :  
WC-A3-03-C

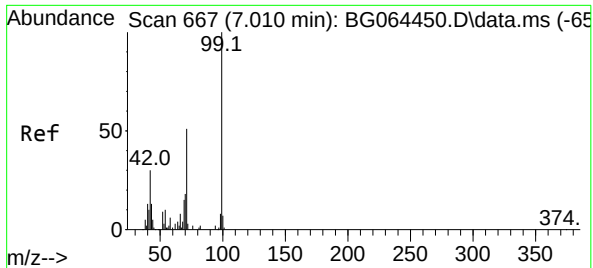
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 147.9 | 122.9 | 184.3 |
| 115     | 62.1  | 54.3  | 81.5  |



#5  
2-Fluorophenol  
Concen: 90.916 ng  
RT: 5.426 min Scan# 398  
Delta R.T. 0.003 min  
Lab File: BG064466.D  
Acq: 29 Sep 2025 19:19

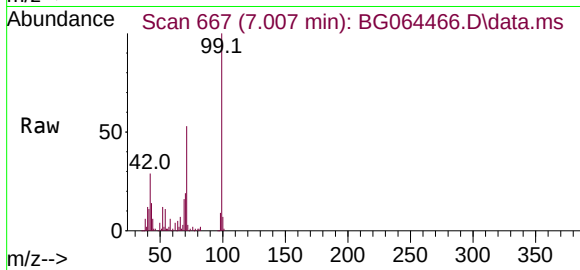
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 64.2  | 54.0  | 81.0  |
| 63      | 38.9  | 33.8  | 50.6  |



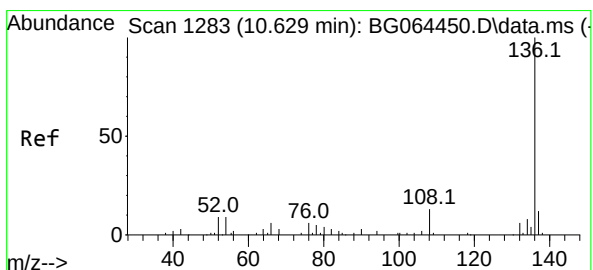
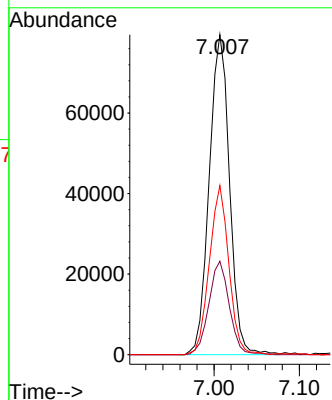
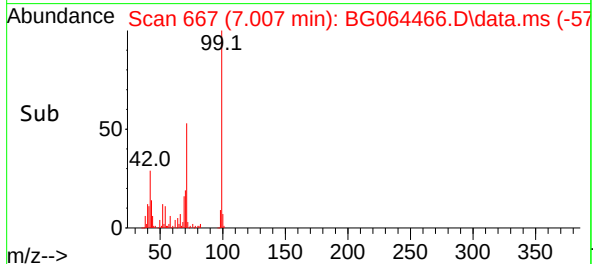


#7  
Phenol-d6  
Concen: 81.944 ng  
RT: 7.007 min Scan# 60  
Delta R.T. -0.003 min  
Lab File: BG064466.D  
Acq: 29 Sep 2025 19:19

Instrument :  
BNA\_G  
ClientSampleId :  
WC-A3-03-C

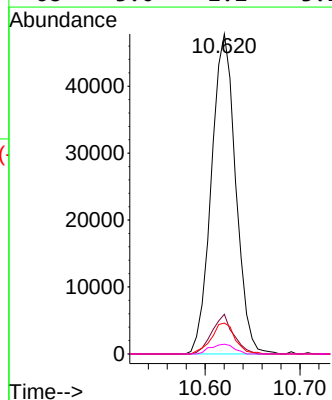
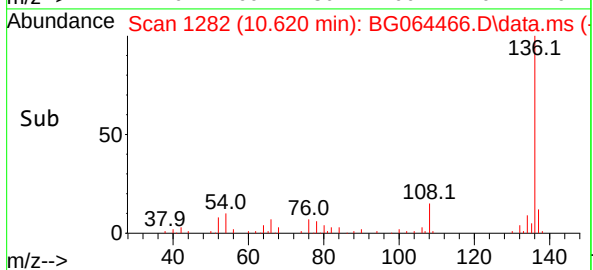
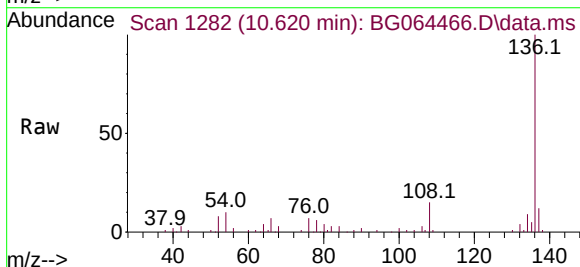


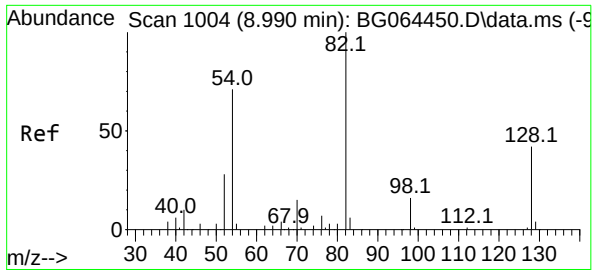
Tgt Ion: 99 Resp: 131265  
Ion Ratio Lower Upper  
99 100  
42 29.2 24.0 36.0  
71 52.8 40.5 60.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.620 min Scan# 1282  
Delta R.T. -0.009 min  
Lab File: BG064466.D  
Acq: 29 Sep 2025 19:19

Tgt Ion: 136 Resp: 85089  
Ion Ratio Lower Upper  
136 100  
137 12.4 9.6 14.4  
54 9.6 7.4 11.2  
68 3.0 2.2 3.2

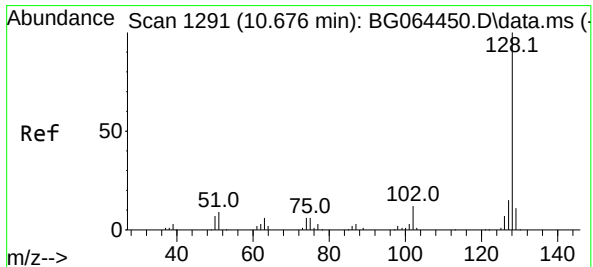
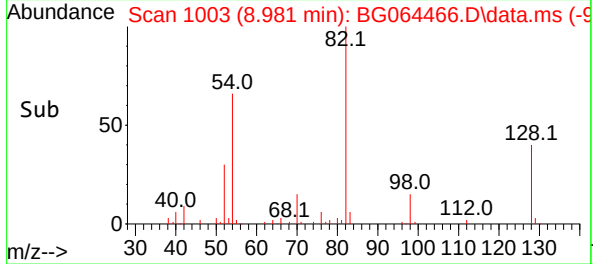
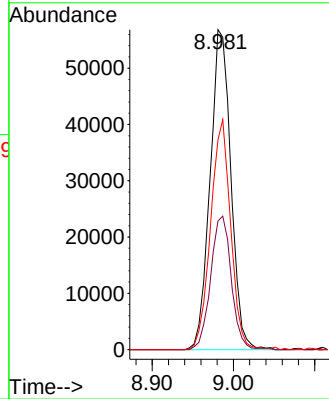
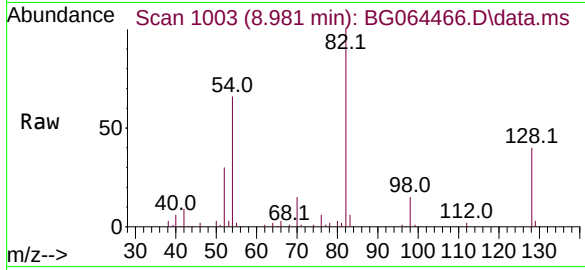




#23  
Nitrobenzene-d5  
Concen: 64.342 ng  
RT: 8.981 min Scan# 1003  
Delta R.T. -0.009 min  
Lab File: BG064466.D  
Acq: 29 Sep 2025 19:19

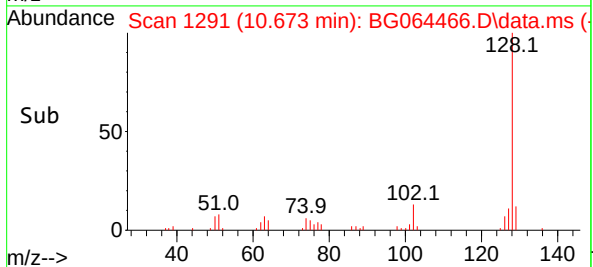
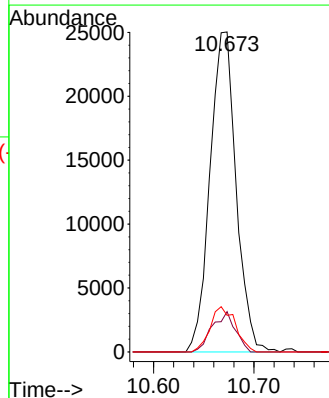
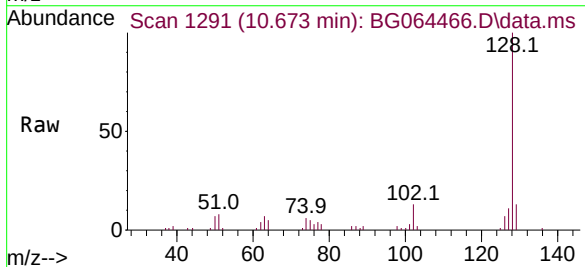
Instrument :  
BNA\_G  
ClientSampleId :  
WC-A3-03-C

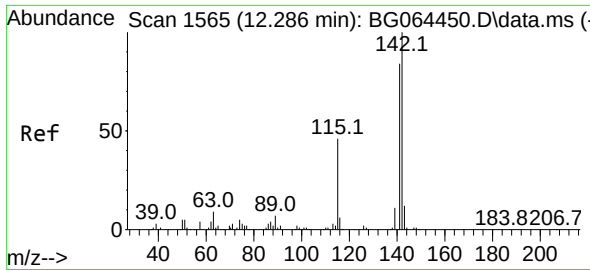
Tgt Ion: 82 Resp: 101021  
Ion Ratio Lower Upper  
82 100  
128 40.2 33.7 50.5  
54 65.5 57.0 85.6



#31  
Naphthalene  
Concen: 10.204 ng  
RT: 10.673 min Scan# 1291  
Delta R.T. -0.003 min  
Lab File: BG064466.D  
Acq: 29 Sep 2025 19:19

Tgt Ion: 128 Resp: 45329  
Ion Ratio Lower Upper  
128 100  
129 12.6 9.2 13.8  
127 11.4 12.1 18.1#

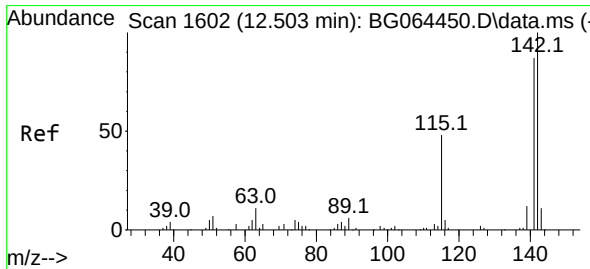
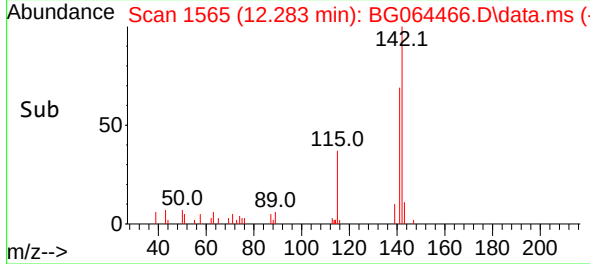
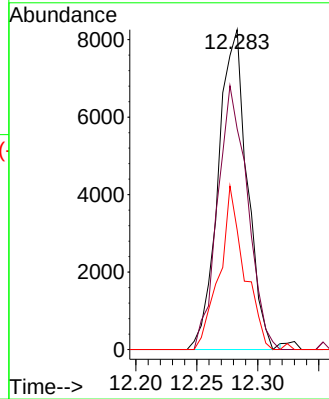
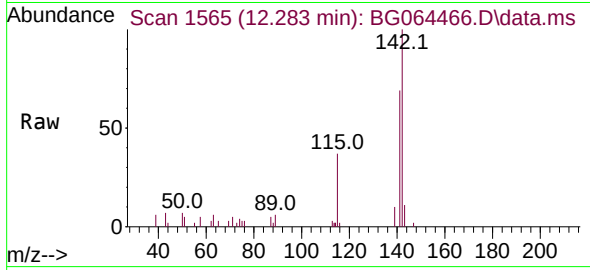




#37  
2-Methylnaphthalene  
Concen: 4.075 ng  
RT: 12.283 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: BG064466.D  
Acq: 29 Sep 2025 19:19

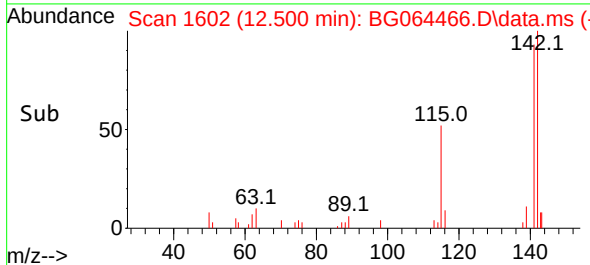
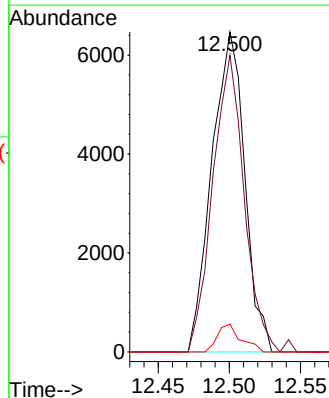
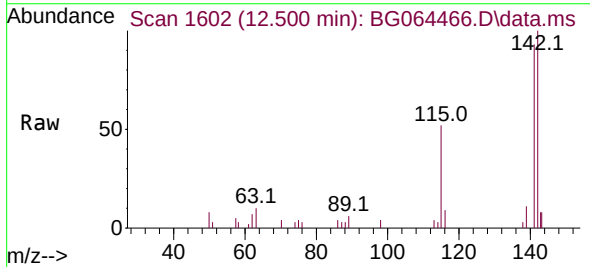
Instrument :  
BNA\_G  
ClientSampleId :  
WC-A3-03-C

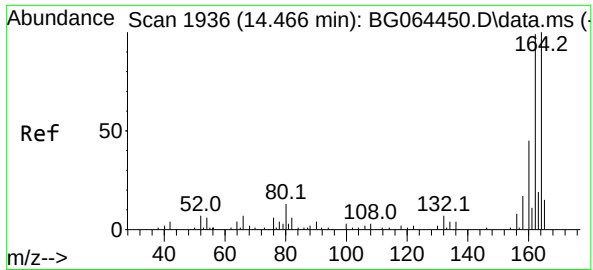
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:142 | Resp: | 13670      |
| Ion Ratio   | Lower | Upper      |
| 142         | 100   |            |
| 141         | 69.0  | 67.3 100.9 |
| 115         | 37.4  | 37.0 55.4  |



#38  
1-Methylnaphthalene  
Concen: 3.158 ng  
RT: 12.500 min Scan# 1602  
Delta R.T. -0.003 min  
Lab File: BG064466.D  
Acq: 29 Sep 2025 19:19

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:142 | Resp: | 10408      |
| Ion Ratio   | Lower | Upper      |
| 142         | 100   |            |
| 141         | 92.6  | 69.2 103.8 |
| 116         | 8.7   | 4.2 6.4#   |

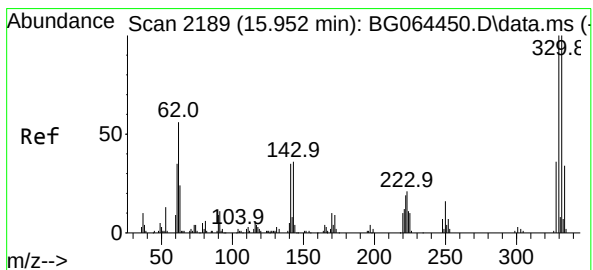
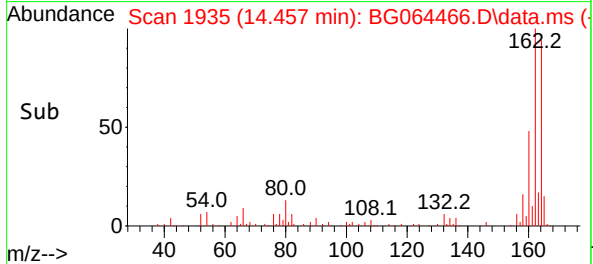
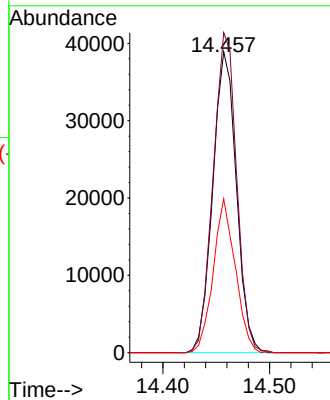
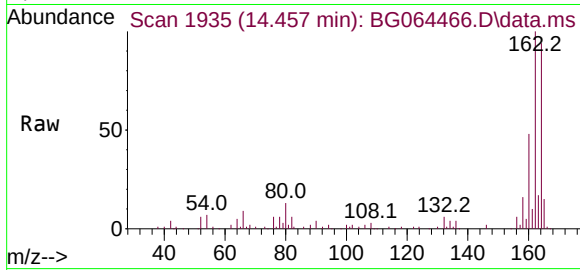




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.457 min Scan# 1935  
Delta R.T. -0.009 min  
Lab File: BG064466.D  
Acq: 29 Sep 2025 19:19

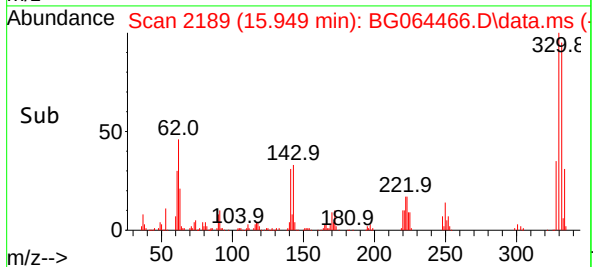
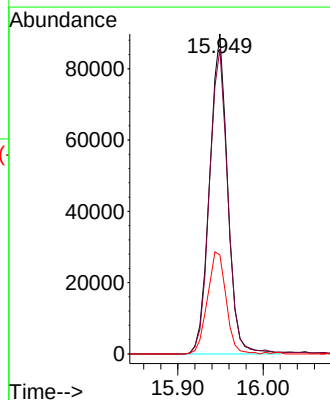
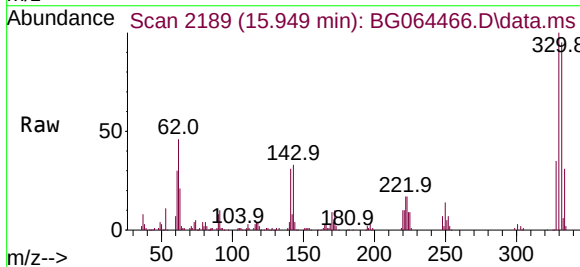
Instrument :  
BNA\_G  
ClientSampleId :  
WC-A3-03-C

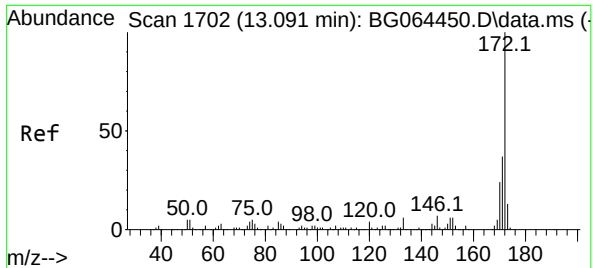
| Tgt Ion:  | 164   | Resp: | 59899 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 162       | 106.4 | 79.0  | 118.4 |
| 160       | 51.1  | 36.3  | 54.5  |



#42  
2,4,6-Tribromophenol  
Concen: 125.866 ng  
RT: 15.949 min Scan# 2189  
Delta R.T. -0.003 min  
Lab File: BG064466.D  
Acq: 29 Sep 2025 19:19

| Tgt Ion:  | 330   | Resp: | 131617 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 97.4  | 78.8  | 118.2  |
| 141       | 32.9  | 27.3  | 40.9   |

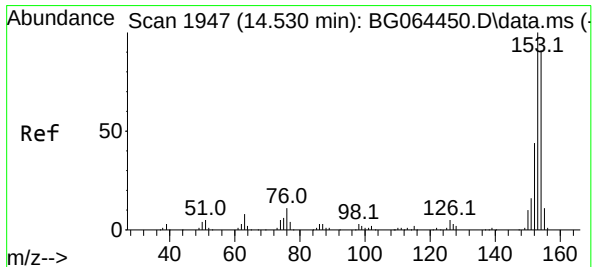
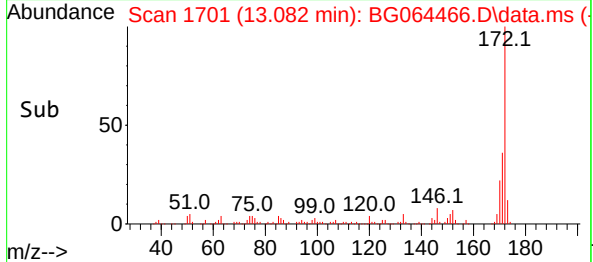
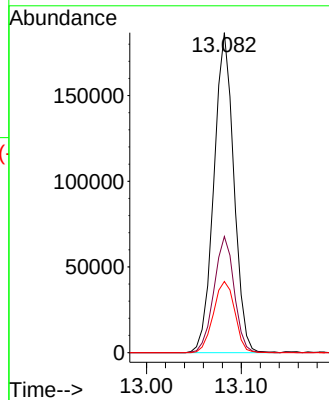
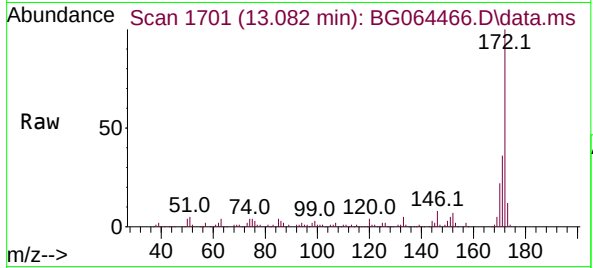




#45  
2-Fluorobiphenyl  
Concen: 67.200 ng  
RT: 13.082 min Scan# 1701  
Delta R.T. -0.009 min  
Lab File: BG064466.D  
Acq: 29 Sep 2025 19:19

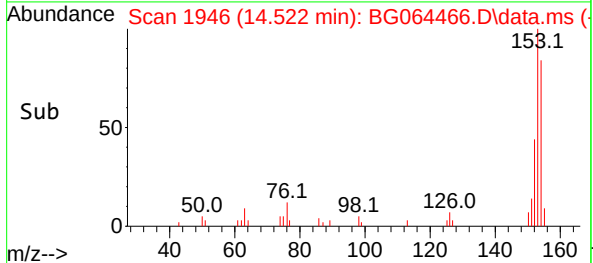
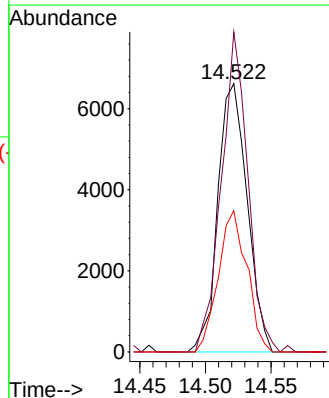
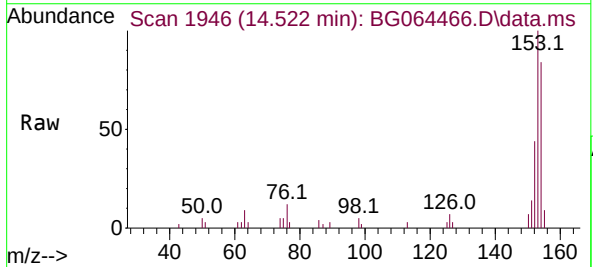
Instrument :  
BNA\_G  
ClientSampleId :  
WC-A3-03-C

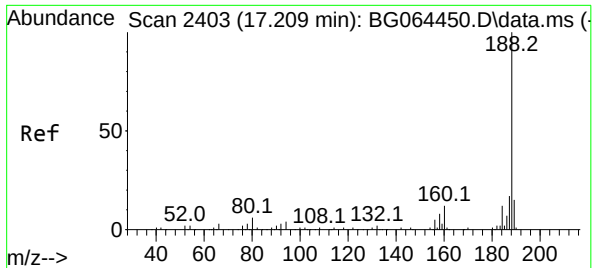
Tgt Ion:172 Resp: 272590  
Ion Ratio Lower Upper  
172 100  
171 36.3 29.4 44.2  
170 22.2 18.9 28.3



#52  
Acenaphthene  
Concen: 3.129 ng  
RT: 14.522 min Scan# 1946  
Delta R.T. -0.009 min  
Lab File: BG064466.D  
Acq: 29 Sep 2025 19:19

Tgt Ion:154 Resp: 10295  
Ion Ratio Lower Upper  
154 100  
153 119.3 88.1 132.1  
152 52.6 39.0 58.4

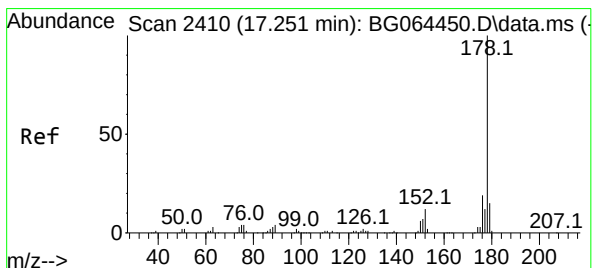
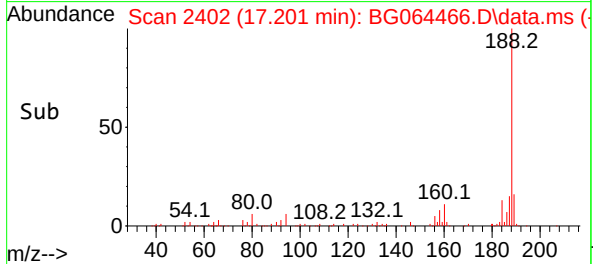
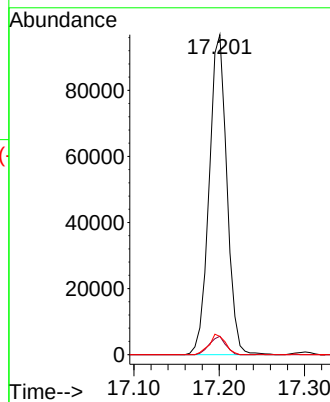
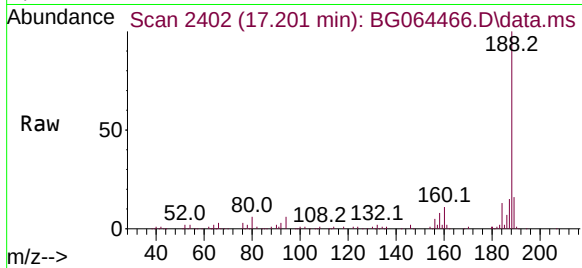




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.201 min Scan# 2402  
Delta R.T. -0.009 min  
Lab File: BG064466.D  
Acq: 29 Sep 2025 19:19

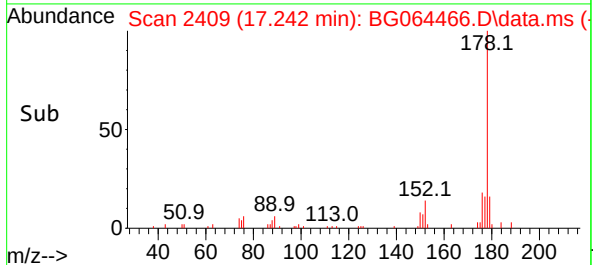
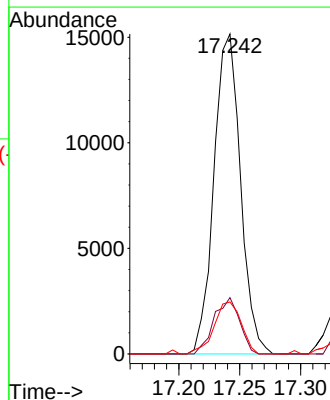
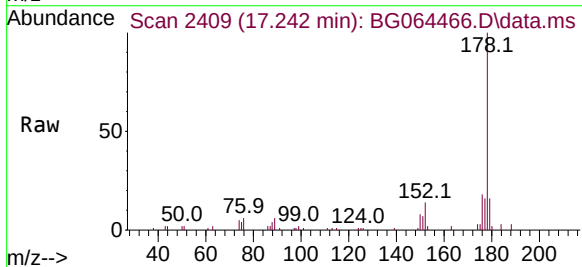
Instrument :  
BNA\_G  
ClientSampleId :  
WC-A3-03-C

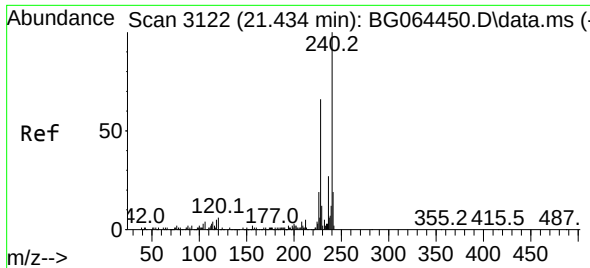
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 5.7   | 3.0   | 4.4#  |
| 80      | 5.7   | 4.9   | 7.3   |



#71  
Phenanthrene  
Concen: 3.161 ng  
RT: 17.242 min Scan# 2409  
Delta R.T. -0.009 min  
Lab File: BG064466.D  
Acq: 29 Sep 2025 19:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 17.6  | 14.9  | 22.3  |
| 179     | 16.2  | 12.4  | 18.6  |

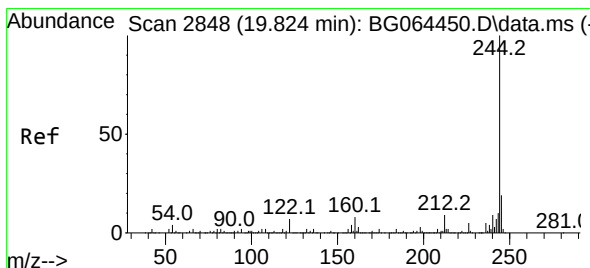
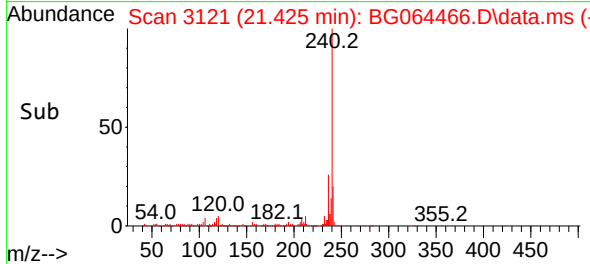
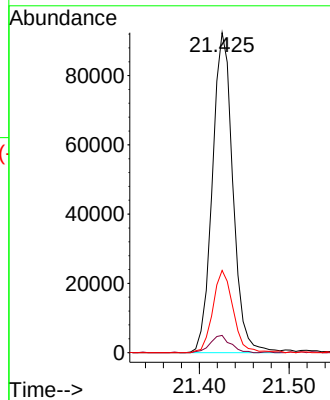
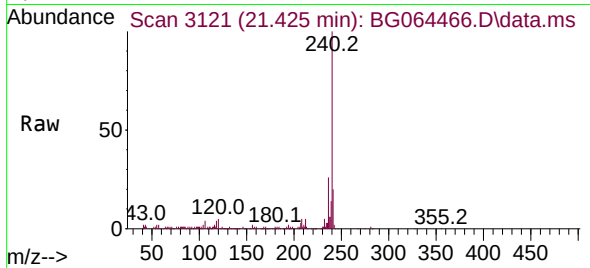




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.425 min Scan# 31  
Delta R.T. -0.009 min  
Lab File: BG064466.D  
Acq: 29 Sep 2025 19:19

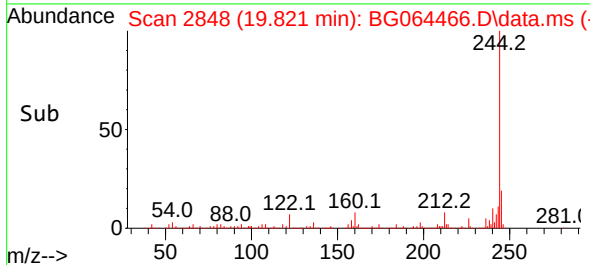
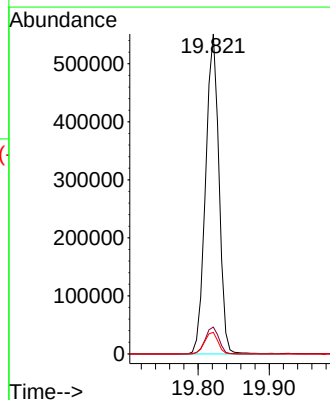
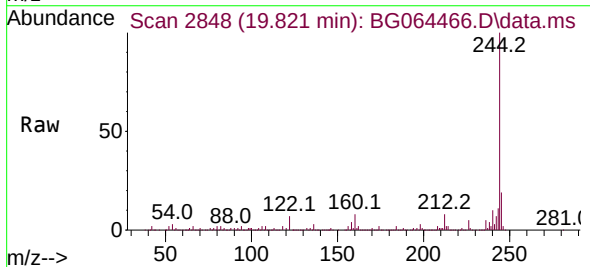
Instrument :  
BNA\_G  
ClientSampleId :  
WC-A3-03-C

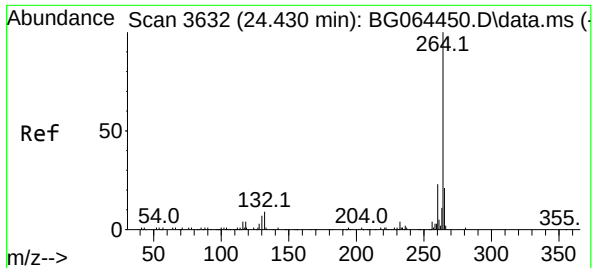
Tgt Ion:240 Resp: 147376  
Ion Ratio Lower Upper  
240 100  
120 5.4 5.0 7.4  
236 25.7 21.9 32.9



#79  
Terphenyl-d14  
Concen: 95.506 ng  
RT: 19.821 min Scan# 2848  
Delta R.T. -0.003 min  
Lab File: BG064466.D  
Acq: 29 Sep 2025 19:19

Tgt Ion:244 Resp: 714015  
Ion Ratio Lower Upper  
244 100  
212 8.4 7.2 10.8  
122 6.7 5.7 8.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.416 min Scan# 30

Delta R.T. -0.015 min

Lab File: BG064466.D

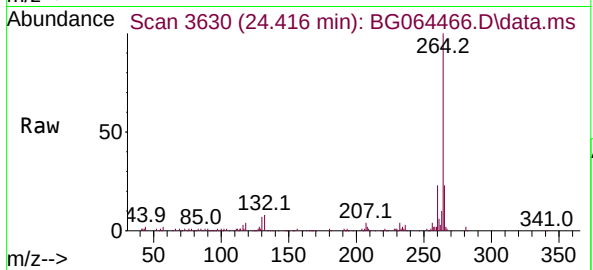
Acq: 29 Sep 2025 19:19

Instrument :

BNA\_G

ClientSampleId :

WC-A3-03-C



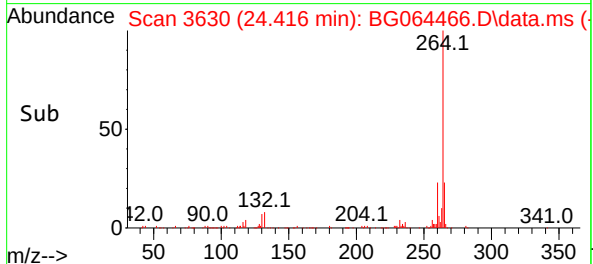
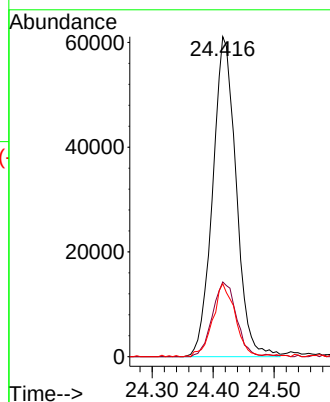
Tgt Ion:264 Resp: 163343

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
|-----|-------|-------|-------|

|     |     |  |  |
|-----|-----|--|--|
| 264 | 100 |  |  |
|-----|-----|--|--|

|     |      |      |      |
|-----|------|------|------|
| 260 | 23.3 | 18.6 | 27.8 |
|-----|------|------|------|

|     |      |      |      |
|-----|------|------|------|
| 265 | 22.8 | 16.7 | 25.1 |
|-----|------|------|------|





# CALIBRATION SUMMARY



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

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## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: ROYF02Lab Code: ACESDG No.: Q3177Instrument ID: BNA\_GCalibration Date(s): 09/25/2025 09/25/2025Calibration Time(s): 11:55 19:26

| LAB FILE ID:          |        | RRF2.5 = BG064441.D |        | RRF005 = BG064442.D |        | RRF020 = BG064444.D |       |       |  |
|-----------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|--|
|                       |        | RRF050 = BG064446.D |        | RRF080 = BG064448.D |        | RRF010 = BG064449.D |       |       |  |
| COMPOUND              | RRF2.5 | RRF005              | RRF020 | RRF050              | RRF080 | RRF010              | RRF   | % RSD |  |
| Pyridine              |        | 1.317               | 1.118  | 1.255               | 1.105  | 1.012               | 1.184 | 9.3   |  |
| 2-Fluorophenol        |        | 1.015               | 1.035  | 1.021               | 1.019  | 1.021               | 1.047 | 4.1   |  |
| Phenol-d6             |        | 1.336               | 1.378  | 1.416               | 1.430  | 1.343               | 1.434 | 6.8   |  |
| 1,4-Dichlorobenzene   |        | 1.559               | 1.416  | 1.457               | 1.418  | 1.477               | 1.499 | 5.6   |  |
| 2-Methylphenol        |        | 1.028               | 1.131  | 1.089               | 1.096  | 1.087               | 1.122 | 6.1   |  |
| 3+4-Methylphenols     |        |                     | 1.553  | 1.515               | 1.496  | 1.548               | 1.577 | 5.0   |  |
| Nitrobenzene-d5       |        | 0.352               | 0.330  | 0.377               | 0.376  | 0.359               | 0.369 | 6.8   |  |
| Hexachloroethane      |        | 0.534               | 0.554  | 0.554               | 0.553  | 0.553               | 0.566 | 5.1   |  |
| Nitrobenzene          |        | 0.315               | 0.334  | 0.354               | 0.368  | 0.363               | 0.360 | 8.2   |  |
| Hexachlorobutadiene   |        | 0.302               | 0.294  | 0.290               | 0.296  | 0.284               | 0.300 | 5.1   |  |
| 2,4,6-Trichlorophenol |        | 0.368               | 0.413  | 0.416               | 0.425  | 0.405               | 0.416 | 6.2   |  |
| 2-Fluorobiphenyl      |        | 1.349               | 1.352  | 1.331               | 1.311  | 1.317               | 1.354 | 3.2   |  |
| 2,4,5-Trichlorophenol |        | 0.368               | 0.463  | 0.475               | 0.449  | 0.470               | 0.454 | 8.7   |  |
| 2,4-Dinitrotoluene    |        | 0.463               | 0.493  | 0.495               | 0.488  | 0.478               | 0.490 | 3.9   |  |
| 2,4,6-Tribromophenol  |        | 0.354               | 0.358  | 0.344               | 0.338  | 0.337               | 0.349 | 3.8   |  |
| Hexachlorobenzene     |        | 0.271               | 0.267  | 0.255               | 0.259  | 0.257               | 0.267 | 3.9   |  |
| Pentachlorophenol     |        |                     | 0.156  | 0.166               | 0.175  | 0.129               | 0.161 | 10.9  |  |
| Terphenyl-d14         |        | 1.025               | 1.026  | 1.004               | 0.982  | 0.986               | 1.015 | 3.7   |  |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092525\  
Data File : BG064441.D  
Acq On : 25 Sep 2025 11:55  
Operator : RC/JU  
Sample : SSTDICC2.5  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

Quant Time: Sep 29 17:43:35 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 29 17:41:35 2025  
Response via : Initial Calibration

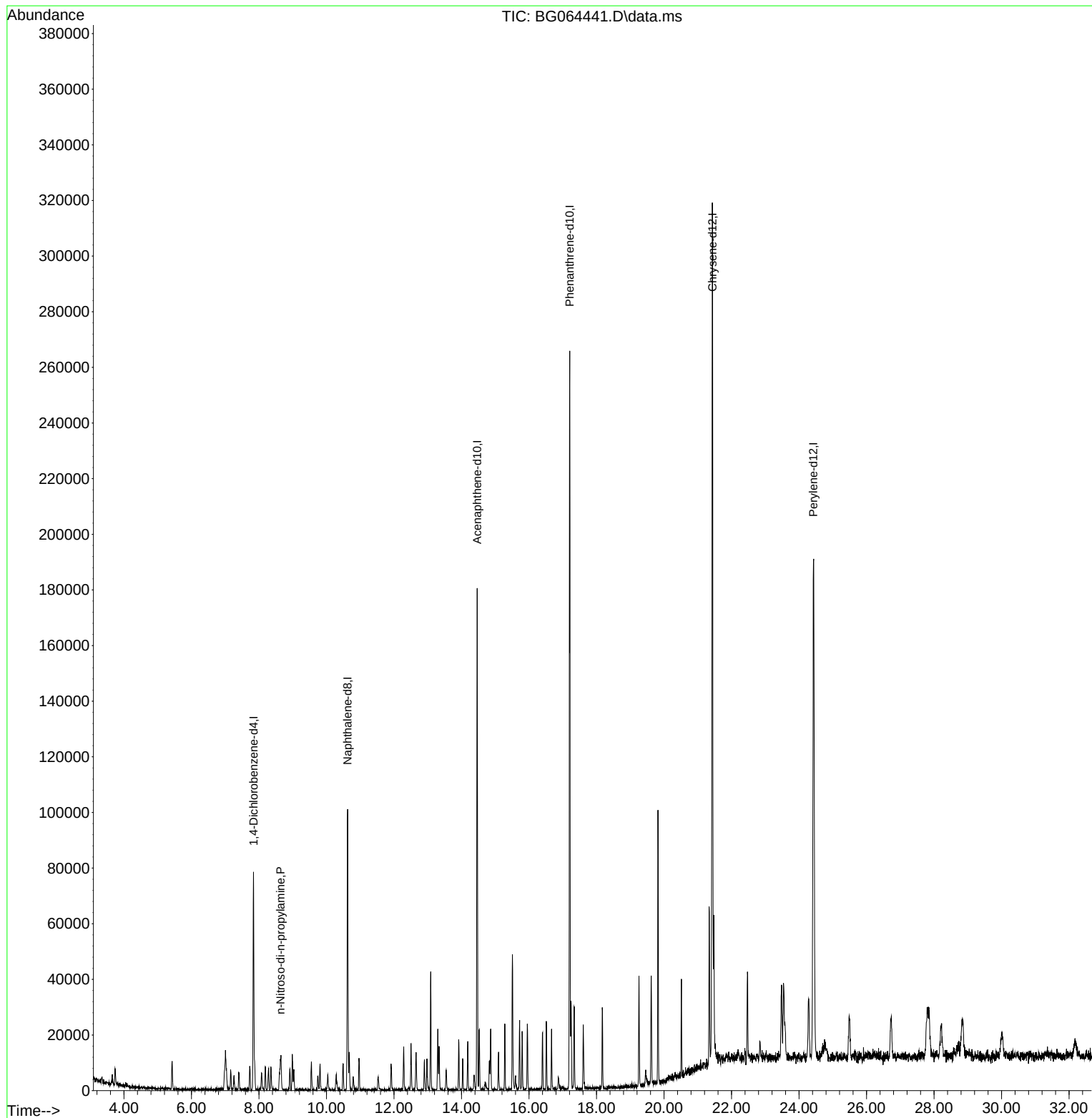
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.841  | 152  | 18909    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.626 | 136  | 79951    | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.462 | 164  | 60267    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.206 | 188  | 159293   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.431 | 240  | 173911   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.427 | 264  | 188189   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 0.000  | 112  | 0d       | 0.000  | ng    |          |
| 7) Phenol-d6                  | 0.000  | 99   | 0d       | 0.000  | ng    |          |
| 23) Nitrobenzene-d5           | 0.000  | 82   | 0d       | 0.000  | ng    |          |
| 42) 2,4,6-Tribromophenol      | 0.000  | 330  | 0d       | 0.000  | ng    |          |
| 45) 2-Fluorobiphenyl          | 0.000  | 172  | 0d       | 0.000  | ng    |          |
| 79) Terphenyl-d14             | 0.000  | 244  | 0d       | 0.000  | ng    |          |
| Target Compounds              |        |      |          |        |       |          |
| 19) n-Nitroso-di-n-propyla... | 8.634  | 70   | 2144     | 2.340  | ng    | # 46     |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092525\  
Data File : BG064441.D  
Acq On : 25 Sep 2025 11:55  
Operator : RC/JU  
Sample : SSTDICC2.5  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

Quant Time: Sep 29 17:43:35 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 29 17:41:35 2025  
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092525\  
 Data File : BG064442.D  
 Acq On : 25 Sep 2025 12:37  
 Operator : RC/JU  
 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC005

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 17:44:20 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Sep 29 17:41:35 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.841  | 152  | 16384    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.626 | 136  | 74815    | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.463 | 164  | 58511    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.206 | 188  | 153169   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.431 | 240  | 172885   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.427 | 264  | 188591   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.426  | 112  | 8314     | 9.697  | ng    | 0.00     |
| 7) Phenol-d6                  | 7.007  | 99   | 10944    | 9.317  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.993  | 82   | 13161    | 9.534  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.949 | 330  | 10358    | 10.140 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.088 | 172  | 39466    | 9.960  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.821 | 244  | 88581    | 10.100 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.340  | 88   | 1941     | 5.395  | ng    | # 92     |
| 3) Pyridine                   | 3.734  | 79   | 5395     | 5.562  | ng    | 92       |
| 6) Aniline                    | 7.165  | 93   | 7365     | 4.842  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.400  | 128  | 5067     | 4.724  | ng    | 94       |
| 10) Phenol                    | 7.036  | 94   | 6142     | 4.829  | ng    | # 77     |
| 11) bis(2-Chloroethyl)ether   | 7.259  | 93   | 4207     | 4.927  | ng    | 81       |
| 12) 1,3-Dichlorobenzene       | 7.729  | 146  | 5717     | 4.755  | ng    | 92       |
| 13) 1,4-Dichlorobenzene       | 7.870  | 146  | 6387     | 5.200  | ng    | # 93     |
| 14) 1,2-Dichlorobenzene       | 8.193  | 146  | 5748m    | 4.939  | ng    |          |
| 16) 2,2'-oxybis(1-Chloropr... | 8.352  | 45   | 7581     | 5.091  | ng    | 93       |
| 17) 2-Methylphenol            | 8.282  | 107  | 4209     | 4.581  | ng    | # 88     |
| 18) Hexachloroethane          | 8.910  | 117  | 2187     | 4.720  | ng    | # 74     |
| 19) n-Nitroso-di-n-propyla... | 8.634  | 70   | 3440     | 4.333  | ng    | # 76     |
| 22) Acetophenone              | 8.652  | 105  | 8352     | 4.663  | ng    | # 88     |
| 24) Nitrobenzene              | 9.034  | 77   | 5890     | 4.371  | ng    | 99       |
| 25) Isophorone                | 9.557  | 82   | 13116    | 5.135  | ng    | # 96     |
| 26) 2-Nitrophenol             | 9.750  | 139  | 3195     | 4.817  | ng    | 88       |
| 27) 2,4-Dimethylphenol        | 9.803  | 122  | 5066     | 4.735  | ng    | # 94     |
| 28) bis(2-Chloroethoxy)met... | 10.033 | 93   | 6744     | 5.111  | ng    | 94       |
| 29) 2,4-Dichlorophenol        | 10.285 | 162  | 6314     | 5.128  | ng    | 78       |
| 30) 1,2,4-Trichlorobenzene    | 10.491 | 180  | 6121     | 4.648  | ng    | 89       |
| 31) Naphthalene               | 10.673 | 128  | 19519    | 4.997  | ng    | # 94     |
| 33) 4-Chloroaniline           | 10.790 | 127  | 5940     | 4.157  | ng    | # 84     |
| 34) Hexachlorobutadiene       | 10.961 | 225  | 5655     | 5.041  | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 11.913 | 107  | 7144     | 4.895  | ng    | # 91     |
| 37) 2-Methylnaphthalene       | 12.289 | 142  | 14737    | 4.997  | ng    | 92       |
| 38) 1-Methylnaphthalene       | 12.500 | 142  | 14946    | 5.158  | ng    | # 92     |
| 40) 1,2,4,5-Tetrachloroben... | 12.659 | 216  | 8665     | 4.647  | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 12.894 | 196  | 5378     | 4.421  | ng    | 93       |
| 44) 2,4,5-Trichlorophenol     | 12.894 | 196  | 5378     | 3.988  | ng    | 95       |
| 46) 1,1'-Biphenyl             | 13.299 | 154  | 19569    | 4.702  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.340 | 162  | 15539    | 4.912  | ng    | # 89     |
| 48) 2-Nitroaniline            | 13.540 | 65   | 4436     | 4.080  | ng    | # 86     |
| 49) Acenaphthylene            | 14.181 | 152  | 23145    | 4.928  | ng    | # 94     |
| 50) Dimethylphthalate         | 13.916 | 163  | 23028    | 5.152  | ng    | # 98     |
| 51) 2,6-Dinitrotoluene        | 14.034 | 165  | 4258     | 4.535  | ng    | 96       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092525\  
 Data File : BG064442.D  
 Acq On : 25 Sep 2025 12:37  
 Operator : RC/JU  
 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

**Instrument :**

BNA\_G

**ClientSampleId :**

SSTDICC005

**Manual Integrations****APPROVED**

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 17:44:20 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Sep 29 17:41:35 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 52) Acenaphthene              | 14.533 | 154  | 15274    | 4.752 | ng    | 87       |
| 53) 3-Nitroaniline            | 14.374 | 138  | 3953     | 4.443 | ng #  | 89       |
| 55) Dibenzofuran              | 14.862 | 168  | 27287    | 5.121 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 14.827 | 165  | 6776     | 4.728 | ng #  | 95       |
| 58) Fluorene                  | 15.508 | 166  | 22129    | 5.030 | ng    | 96       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.097 | 232  | 5847     | 4.418 | ng #  | 93       |
| 60) Diethylphthalate          | 15.285 | 149  | 24701    | 5.129 | ng #  | 93       |
| 61) 4-Chlorophenyl-phenyle... | 15.508 | 204  | 12321    | 5.129 | ng    | 96       |
| 62) 4-Nitroaniline            | 15.526 | 138  | 4103     | 4.301 | ng    | 96       |
| 63) Azobenzene                | 15.796 | 77   | 18570    | 4.927 | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 15.720 | 169  | 20460    | 5.006 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.396 | 248  | 8792     | 4.899 | ng    | 86       |
| 68) Hexachlorobenzene         | 16.513 | 284  | 10394    | 5.089 | ng    | 99       |
| 69) Atrazine                  | 16.666 | 200  | 10013    | 5.392 | ng    | 98       |
| 71) Phenanthrene              | 17.248 | 178  | 39661    | 4.982 | ng    | 95       |
| 72) Anthracene                | 17.336 | 178  | 40206    | 4.959 | ng    | 98       |
| 73) Carbazole                 | 17.606 | 167  | 35529    | 4.995 | ng    | 97       |
| 74) Di-n-butylphthalate       | 18.170 | 149  | 45169    | 5.192 | ng    | 99       |
| 75) Fluoranthene              | 19.257 | 202  | 52322    | 5.204 | ng    | 95       |
| 78) Pyrene                    | 19.615 | 202  | 54253    | 5.057 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.514 | 149  | 20443    | 5.099 | ng    | 89       |
| 81) Benzo(a)anthracene        | 21.413 | 228  | 55882    | 5.048 | ng    | 98       |
| 83) Chrysene                  | 21.472 | 228  | 54217    | 5.172 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 21.337 | 149  | 29296    | 5.072 | ng #  | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.794 | 276  | 65077    | 4.882 | ng #  | 93       |
| 88) Benzo(b)fluoranthene      | 23.481 | 252  | 53207    | 4.921 | ng    | 96       |
| 89) Benzo(k)fluoranthene      | 23.540 | 252  | 52915    | 4.890 | ng    | 98       |
| 90) Benzo(a)pyrene            | 24.286 | 252  | 50301    | 5.023 | ng    | 94       |
| 91) Dibenzo(a,h)anthracene    | 27.847 | 278  | 54077    | 5.005 | ng #  | 97       |
| 92) Benzo(g,h,i)perylene      | 28.834 | 276  | 52273    | 5.037 | ng #  | 94       |

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

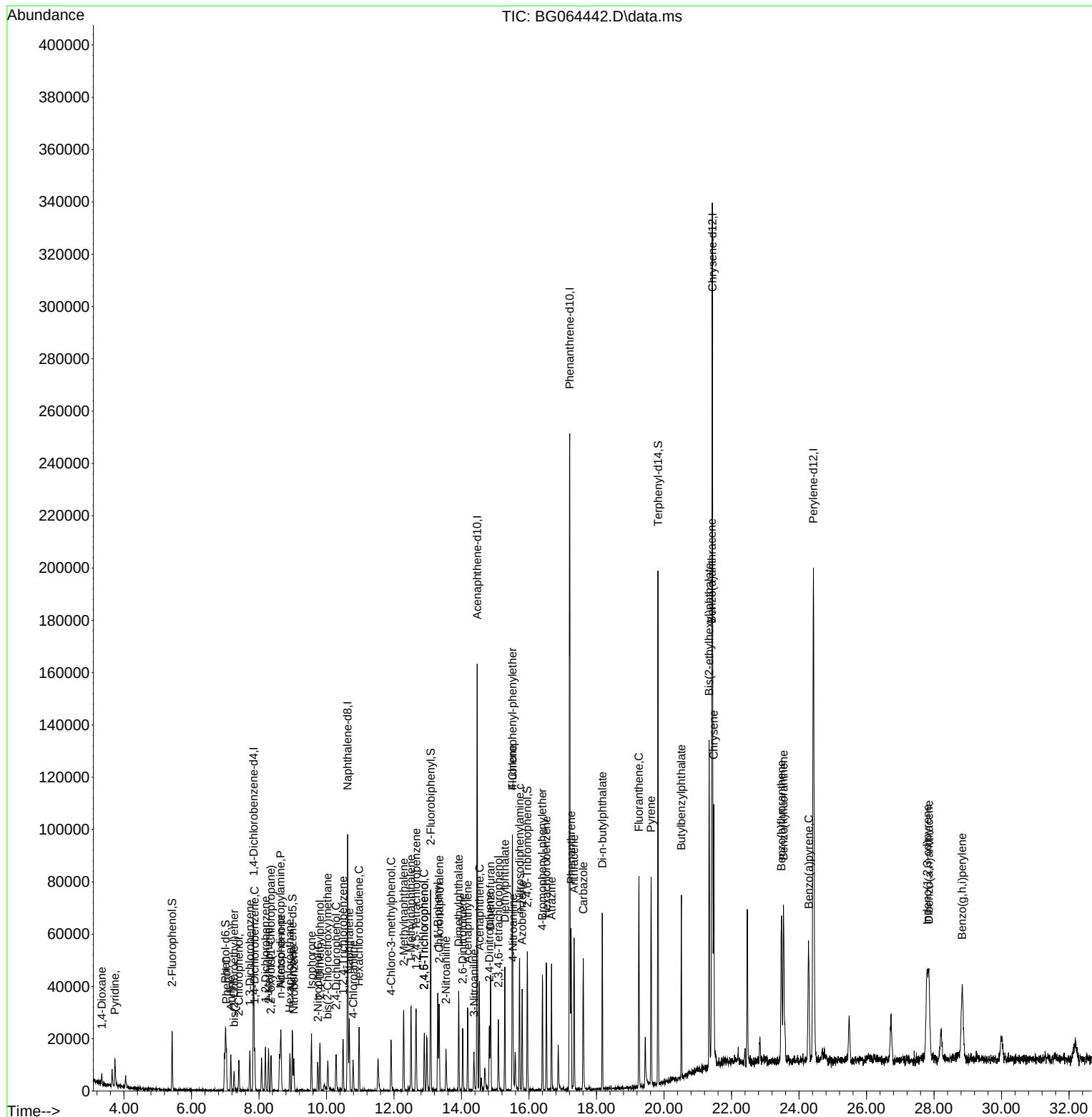
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092525\  
Data File : BG064442.D  
Acq On : 25 Sep 2025 12:37  
Operator : RC/JU  
Sample : SSTDICC005  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**  
BNA\_G  
**ClientSampleId :**  
SSTDICC005

## Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 17:44:20 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 29 17:41:35 2025  
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092525\  
 Data File : BG064444.D  
 Acq On : 25 Sep 2025 13:59  
 Operator : RC/JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC020

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 10/03/2025  
 Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 17:45:10 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 29 17:41:35 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.841  | 152  | 17910    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.626 | 136  | 85653    | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.463 | 164  | 65094    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.207 | 188  | 162214   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.431 | 240  | 180422   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.434 | 264  | 195431   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.427  | 112  | 37070    | 39.553 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.013  | 99   | 49368    | 38.449 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.993  | 82   | 56546    | 35.778 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.950 | 330  | 46665    | 41.065 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.088 | 172  | 176065   | 39.940 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.822 | 244  | 370238   | 40.452 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.341  | 88   | 7942     | 20.194 | ng    | 96       |
| 3) Pyridine                   | 3.735  | 79   | 20030    | 18.891 | ng    | 92       |
| 4) n-Nitrosodimethylamine     | 3.646  | 42   | 15946    | 19.688 | ng    | 90       |
| 6) Aniline                    | 7.166  | 93   | 31574    | 18.990 | ng    | 97       |
| 8) 2-Chlorophenol             | 7.407  | 128  | 22215    | 18.946 | ng    | 99       |
| 9) Benzaldehyde               | 6.978  | 77   | 16048    | 14.684 | ng    | 95       |
| 10) Phenol                    | 7.037  | 94   | 26561    | 19.105 | ng    | 94       |
| 11) bis(2-Chloroethyl)ether   | 7.266  | 93   | 18506    | 19.825 | ng    | 91       |
| 12) 1,3-Dichlorobenzene       | 7.730  | 146  | 26643    | 20.271 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.877  | 146  | 25359    | 18.888 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.194  | 146  | 24965    | 19.622 | ng    | 99       |
| 15) Benzyl Alcohol            | 8.071  | 79   | 22645    | 18.717 | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.358  | 45   | 31699    | 19.475 | ng    | 95       |
| 17) 2-Methylphenol            | 8.282  | 107  | 20248    | 20.161 | ng    | 92       |
| 18) Hexachloroethane          | 8.911  | 117  | 9919     | 19.582 | ng    | 91       |
| 19) n-Nitroso-di-n-propyla... | 8.641  | 70   | 17814    | 20.526 | ng    | # 92     |
| 20) 3+4-Methylphenols         | 8.605  | 107  | 27809    | 19.697 | ng    | 94       |
| 22) Acetophenone              | 8.652  | 105  | 37547    | 18.310 | ng    | 97       |
| 24) Nitrobenzene              | 9.034  | 77   | 28642    | 18.566 | ng    | 95       |
| 25) Isophorone                | 9.551  | 82   | 57299    | 19.594 | ng    | 96       |
| 26) 2-Nitrophenol             | 9.739  | 139  | 14352    | 18.899 | ng    | 94       |
| 27) 2,4-Dimethylphenol        | 9.804  | 122  | 24067    | 19.650 | ng    | 91       |
| 28) bis(2-Chloroethoxy)met... | 10.039 | 93   | 30496    | 20.186 | ng    | 95       |
| 29) 2,4-Dichlorophenol        | 10.274 | 162  | 27649    | 19.614 | ng    | 87       |
| 30) 1,2,4-Trichlorobenzene    | 10.491 | 180  | 30162    | 20.004 | ng    | 90       |
| 31) Naphthalene               | 10.673 | 128  | 89024    | 19.909 | ng    | 95       |
| 32) Benzoic acid              | 9.921  | 122  | 17492m   | 19.303 | ng    |          |
| 33) 4-Chloroaniline           | 10.785 | 127  | 32561    | 19.906 | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.967 | 225  | 25180    | 19.606 | ng    | 94       |
| 35) Caprolactam               | 11.537 | 113  | 9964     | 21.423 | ng    | 91       |
| 36) 4-Chloro-3-methylphenol   | 11.907 | 107  | 33073    | 19.794 | ng    | # 95     |
| 37) 2-Methylnaphthalene       | 12.283 | 142  | 67501    | 19.991 | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.501 | 142  | 67324    | 20.293 | ng    | 94       |
| 40) 1,2,4,5-Tetrachloroben... | 12.659 | 216  | 41687    | 20.094 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.636 | 237  | 20192    | 18.327 | ng    | 95       |
| 43) 2,4,6-Trichlorophenol     | 12.894 | 196  | 26879    | 19.863 | ng    | 96       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092525\  
 Data File : BG064444.D  
 Acq On : 25 Sep 2025 13:59  
 Operator : RC/JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC020

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 10/03/2025  
 Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 17:45:10 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 29 17:41:35 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.971 | 196  | 30157    | 20.102 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.300 | 154  | 92670    | 20.013 | ng    | 95       |
| 47) 2-Chloronaphthalene       | 13.335 | 162  | 71057    | 20.190 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.541 | 65   | 24402    | 20.174 | ng    | 93       |
| 49) Acenaphthylene            | 14.187 | 152  | 104535   | 20.007 | ng    | 98       |
| 50) Dimethylphthalate         | 13.923 | 163  | 97621    | 19.631 | ng    | 97       |
| 51) 2,6-Dinitrotoluene        | 14.040 | 165  | 21142    | 20.241 | ng    | 93       |
| 52) Acenaphthene              | 14.528 | 154  | 71666    | 20.043 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.363 | 138  | 20058    | 20.266 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.581 | 184  | 10235    | 14.755 | ng    | 93       |
| 55) Dibenzofuran              | 14.863 | 168  | 118639   | 20.012 | ng    | # 98     |
| 56) 4-Nitrophenol             | 14.686 | 139  | 15591    | 19.461 | ng    | # 83     |
| 57) 2,4-Dinitrotoluene        | 14.827 | 165  | 32070    | 20.112 | ng    | 96       |
| 58) Fluorene                  | 15.509 | 166  | 98019    | 20.029 | ng    | 96       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.092 | 232  | 29595    | 20.100 | ng    | 97       |
| 60) Diethylphthalate          | 15.286 | 149  | 108550   | 20.259 | ng    | 95       |
| 61) 4-Chlorophenyl-phenyle... | 15.509 | 204  | 53237    | 19.921 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.527 | 138  | 21483    | 20.243 | ng    | 97       |
| 63) Azobenzene                | 15.797 | 77   | 84666    | 20.193 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.591 | 198  | 20782    | 18.703 | ng    | 89       |
| 66) n-Nitrosodiphenylamine    | 15.720 | 169  | 84942    | 19.623 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.396 | 248  | 37185    | 19.564 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.514 | 284  | 43237    | 19.989 | ng    | 100      |
| 69) Atrazine                  | 16.666 | 200  | 41046    | 20.872 | ng    | 99       |
| 70) Pentachlorophenol         | 16.860 | 266  | 25305    | 19.385 | ng    | 95       |
| 71) Phenanthrene              | 17.248 | 178  | 172353   | 20.442 | ng    | 97       |
| 72) Anthracene                | 17.336 | 178  | 170935   | 19.909 | ng    | 98       |
| 73) Carbazole                 | 17.606 | 167  | 152486   | 20.244 | ng    | 97       |
| 74) Di-n-butylphthalate       | 18.171 | 149  | 183162   | 19.879 | ng    | 99       |
| 75) Fluoranthene              | 19.257 | 202  | 212264   | 19.936 | ng    | 99       |
| 77) Benzidine                 | 19.440 | 184  | 85803    | 18.164 | ng    | 95       |
| 78) Pyrene                    | 19.616 | 202  | 225391   | 20.133 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.515 | 149  | 82611    | 19.743 | ng    | 96       |
| 81) Benzo(a)anthracene        | 21.414 | 228  | 230415   | 19.946 | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine    | 21.337 | 252  | 80983    | 20.384 | ng    | 99       |
| 83) Chrysene                  | 21.478 | 228  | 220878   | 20.189 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.337 | 149  | 118331   | 19.631 | ng    | # 95     |
| 85) Di-n-octyl phthalate      | 22.471 | 149  | 206222   | 20.126 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 27.795 | 276  | 276472   | 20.016 | ng    | # 93     |
| 88) Benzo(b)fluoranthene      | 23.482 | 252  | 220573   | 19.688 | ng    | 97       |
| 89) Benzo(k)fluoranthene      | 23.547 | 252  | 228817   | 20.404 | ng    | 96       |
| 90) Benzo(a)pyrene            | 24.287 | 252  | 209267   | 20.164 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 27.853 | 278  | 222599   | 19.879 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 28.846 | 276  | 213032   | 19.810 | ng    | 99       |

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

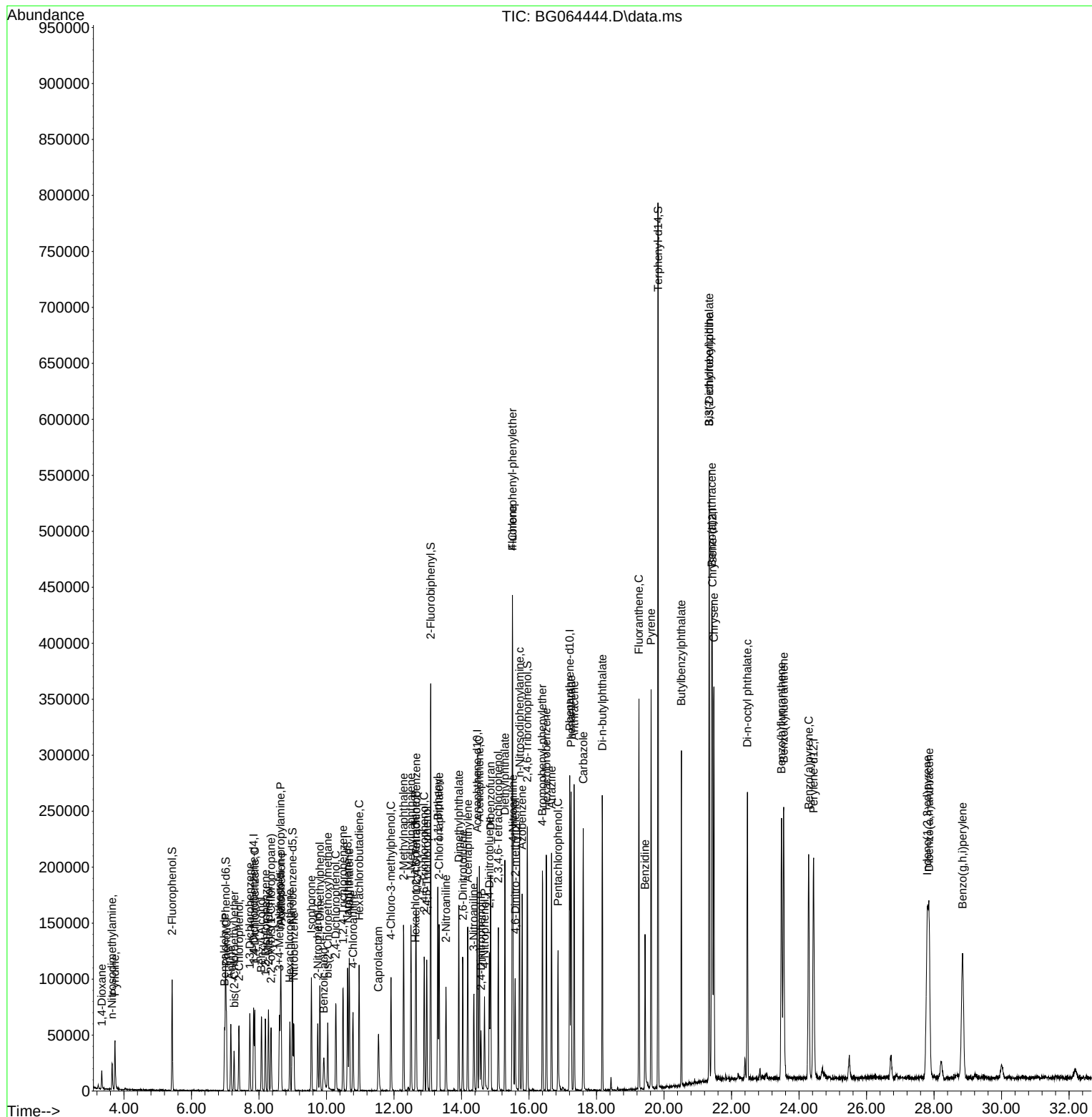
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092525\  
Data File : BG064444.D  
Acq On : 25 Sep 2025 13:59  
Operator : RC/JU  
Sample : SSTDICC020  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**  
BNA\_G  
**ClientSampleId :**  
SSTDICC020

## Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 17:45:10 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 29 17:41:35 2025  
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092525\  
 Data File : BG064446.D  
 Acq On : 25 Sep 2025 15:22  
 Operator : RC/JU  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC050

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 17:45:57 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Sep 29 17:41:35 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.843  | 152  | 18610    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.628 | 136  | 80100    | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.471 | 164  | 58571    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.209 | 188  | 145494   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.439 | 240  | 171978   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.430 | 264  | 188882   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.428  | 112  | 94973    | 97.522  | ng    | 0.00     |
| 7) Phenol-d6                  | 7.015  | 99   | 131799   | 98.786  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.995  | 82   | 150926   | 102.115 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.957 | 330  | 100750   | 98.532  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.090 | 172  | 389852   | 98.286  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.829 | 244  | 863476   | 98.975  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.343  | 88   | 20663    | 50.562  | ng    | 98       |
| 3) Pyridine                   | 3.730  | 79   | 58408    | 53.015  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.648  | 42   | 45348    | 53.884  | ng    | # 95     |
| 6) Aniline                    | 7.168  | 93   | 84636    | 48.988  | ng    | 96       |
| 8) 2-Chlorophenol             | 7.408  | 128  | 58881    | 48.327  | ng    | 94       |
| 9) Benzaldehyde               | 6.980  | 77   | 59717m   | 52.585  | ng    |          |
| 10) Phenol                    | 7.038  | 94   | 71489    | 49.488  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.267  | 93   | 47211    | 48.673  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.732  | 146  | 66341    | 48.577  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.873  | 146  | 67784    | 48.588  | ng    | 93       |
| 14) 1,2-Dichlorobenzene       | 8.190  | 146  | 63907    | 48.340  | ng    | 97       |
| 15) Benzyl Alcohol            | 8.078  | 79   | 61588    | 48.991  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.360  | 45   | 82065    | 48.522  | ng    | 99       |
| 17) 2-Methylphenol            | 8.284  | 107  | 50670    | 48.554  | ng    | 95       |
| 18) Hexachloroethane          | 8.918  | 117  | 25794    | 49.006  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.642  | 70   | 44881    | 49.768  | ng    | # 96     |
| 20) 3+4-Methylphenols         | 8.613  | 107  | 70465    | 48.034  | ng    | 98       |
| 22) Acetophenone              | 8.660  | 105  | 95873    | 49.995  | ng    | 93       |
| 24) Nitrobenzene              | 9.036  | 77   | 70983    | 49.201  | ng    | 99       |
| 25) Isophorone                | 9.559  | 82   | 131817   | 48.201  | ng    | 96       |
| 26) 2-Nitrophenol             | 9.747  | 139  | 36410    | 51.270  | ng    | 87       |
| 27) 2,4-Dimethylphenol        | 9.806  | 122  | 55335    | 48.311  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.041 | 93   | 67757    | 47.959  | ng    | 96       |
| 29) 2,4-Dichlorophenol        | 10.282 | 162  | 65078    | 49.367  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 10.493 | 180  | 69307    | 49.152  | ng    | 98       |
| 31) Naphthalene               | 10.675 | 128  | 199924   | 47.809  | ng    | 96       |
| 32) Benzoic acid              | 9.970  | 122  | 46579m   | 54.965  | ng    |          |
| 33) 4-Chloroaniline           | 10.787 | 127  | 76830    | 50.226  | ng    | 96       |
| 34) Hexachlorobutadiene       | 10.969 | 225  | 58045    | 48.328  | ng    | 98       |
| 35) Caprolactam               | 11.568 | 113  | 21490    | 49.406  | ng    | # 92     |
| 36) 4-Chloro-3-methylphenol   | 11.915 | 107  | 75148    | 48.094  | ng    | # 89     |
| 37) 2-Methylnaphthalene       | 12.285 | 142  | 152551   | 48.312  | ng    | 95       |
| 38) 1-Methylnaphthalene       | 12.508 | 142  | 149984   | 48.342  | ng    | 96       |
| 40) 1,2,4,5-Tetrachloroben... | 12.655 | 216  | 91972    | 49.271  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.638 | 237  | 50131    | 50.568  | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 12.896 | 196  | 60936    | 50.046  | ng    | 96       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092525\  
 Data File : BG064446.D  
 Acq On : 25 Sep 2025 15:22  
 Operator : RC/JU  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC050

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 17:45:57 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Sep 29 17:41:35 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.973 | 196  | 69550    | 51.525 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.302 | 154  | 207012   | 49.685 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.343 | 162  | 154539   | 48.801 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.542 | 65   | 56660    | 52.060 | ng    | 95       |
| 49) Acenaphthylene            | 14.189 | 152  | 231138   | 49.165 | ng    | 99       |
| 50) Dimethylphthalate         | 13.924 | 163  | 221509   | 49.505 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 14.042 | 165  | 46345    | 49.312 | ng    | 90       |
| 52) Acenaphthene              | 14.530 | 154  | 158018   | 49.115 | ng    | 96       |
| 53) 3-Nitroaniline            | 14.371 | 138  | 47148    | 52.941 | ng    | # 94     |
| 54) 2,4-Dinitrophenol         | 14.576 | 184  | 32924    | 52.749 | ng    | 95       |
| 55) Dibenzofuran              | 14.864 | 168  | 260509   | 48.836 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.688 | 139  | 38475    | 53.374 | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 14.829 | 165  | 72446    | 50.493 | ng    | 97       |
| 58) Fluorene                  | 15.517 | 166  | 218136   | 49.537 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.094 | 232  | 66227    | 49.990 | ng    | 96       |
| 60) Diethylphthalate          | 15.293 | 149  | 238958   | 49.563 | ng    | 96       |
| 61) 4-Chlorophenyl-phenyle... | 15.511 | 204  | 118232   | 49.168 | ng    | 97       |
| 62) 4-Nitroaniline            | 15.534 | 138  | 51820    | 54.266 | ng    | 95       |
| 63) Azobenzene                | 15.799 | 77   | 186450   | 49.421 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.599 | 198  | 50818    | 50.989 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.722 | 169  | 189744   | 48.872 | ng    | 94       |
| 67) 4-Bromophenyl-phenylether | 16.404 | 248  | 83545    | 49.007 | ng    | 94       |
| 68) Hexachlorobenzene         | 16.521 | 284  | 92803    | 47.834 | ng    | 96       |
| 69) Atrazine                  | 16.674 | 200  | 86778    | 49.197 | ng    | 99       |
| 70) Pentachlorophenol         | 16.862 | 266  | 60525    | 51.694 | ng    | 97       |
| 71) Phenanthrene              | 17.250 | 178  | 371485   | 49.123 | ng    | 100      |
| 72) Anthracene                | 17.338 | 178  | 384019   | 49.867 | ng    | 98       |
| 73) Carbazole                 | 17.608 | 167  | 341230   | 50.508 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.172 | 149  | 438418   | 53.052 | ng    | 99       |
| 75) Fluoranthene              | 19.259 | 202  | 503751   | 52.751 | ng    | 99       |
| 77) Benzidine                 | 19.441 | 184  | 251550   | 55.865 | ng    | 99       |
| 78) Pyrene                    | 19.624 | 202  | 533740   | 50.017 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.517 | 149  | 200536   | 50.278 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.421 | 228  | 542807   | 49.295 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.339 | 252  | 186358   | 49.210 | ng    | 99       |
| 83) Chrysene                  | 21.480 | 228  | 509883   | 48.894 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 21.339 | 149  | 287028   | 49.956 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.473 | 149  | 480896   | 49.238 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.814 | 276  | 649270   | 48.636 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 23.490 | 252  | 532226   | 49.154 | ng    | 97       |
| 89) Benzo(k)fluoranthene      | 23.554 | 252  | 534817   | 49.345 | ng    | 97       |
| 90) Benzo(a)pyrene            | 24.295 | 252  | 495045   | 49.355 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 27.873 | 278  | 522161   | 48.249 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 28.872 | 276  | 496341   | 47.755 | ng    | 97       |

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

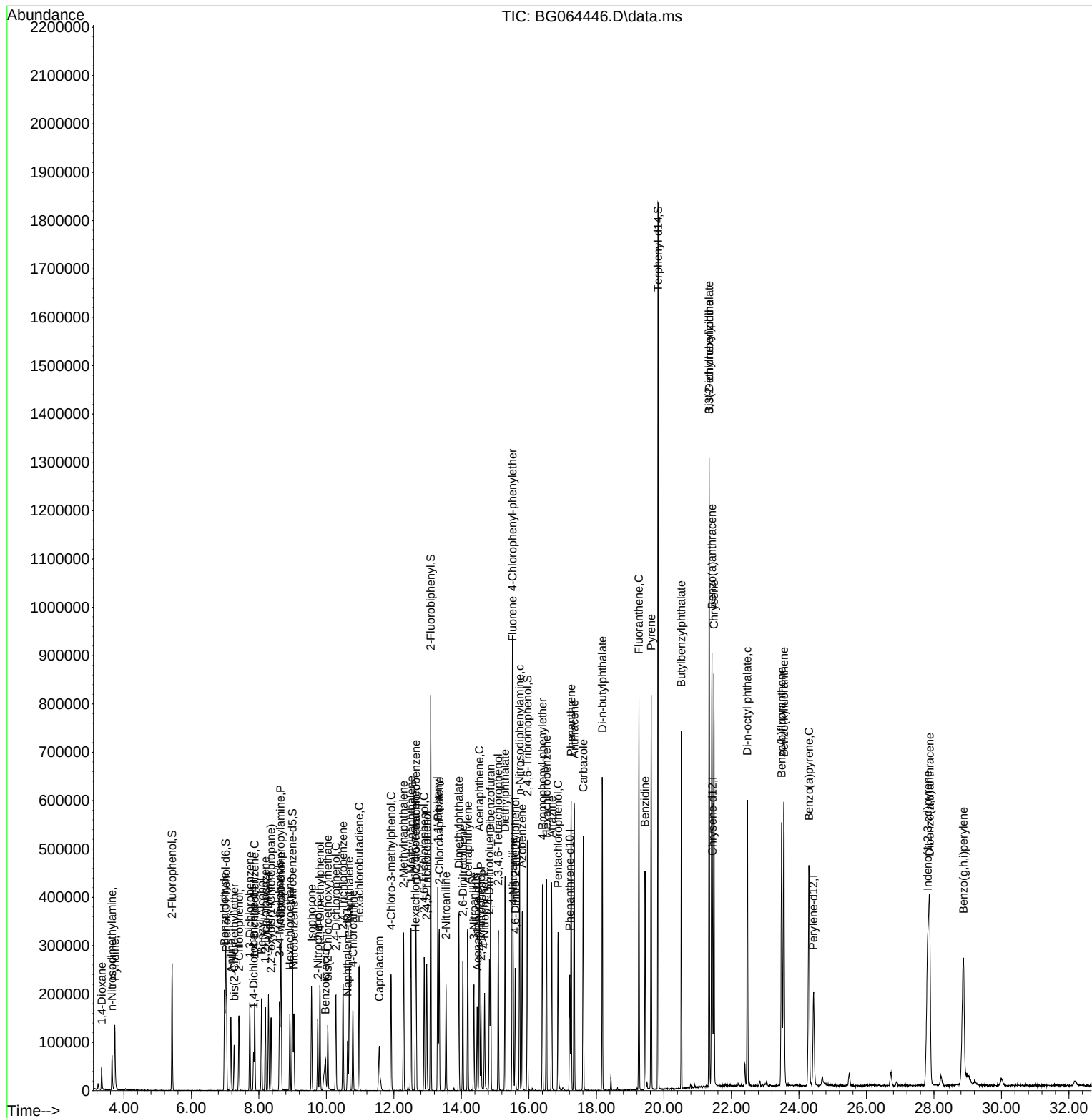
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092525\  
 Data File : BG064446.D  
 Acq On : 25 Sep 2025 15:22  
 Operator : RC/JU  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

### Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/03/2025  
 Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 17:45:57 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 29 17:41:35 2025  
 Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092525\  
 Data File : BG064448.D  
 Acq On : 25 Sep 2025 16:44  
 Operator : RC/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC080

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 17:46:43 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Sep 29 17:41:35 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.841  | 152  | 19629    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.632 | 136  | 82993    | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.468 | 164  | 61681    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.206 | 188  | 148886   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.442 | 240  | 160340   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.433 | 264  | 174344   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.432  | 112  | 159963   | 155.730 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.018  | 99   | 224629   | 159.624 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.998  | 82   | 249768   | 163.100 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.961 | 330  | 166650   | 154.764 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.093 | 172  | 647103   | 154.917 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.832 | 244  | 1259887  | 154.896 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.340  | 88   | 29953    | 69.490  | ng    | 97       |
| 3) Pyridine                   | 3.734  | 79   | 86739    | 74.642  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.651  | 42   | 67374    | 75.900  | ng    | 99       |
| 6) Aniline                    | 7.171  | 93   | 142053   | 77.953  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.406  | 128  | 100982   | 78.580  | ng    | 99       |
| 9) Benzaldehyde               | 6.983  | 77   | 85928    | 71.737  | ng    | 93       |
| 10) Phenol                    | 7.047  | 94   | 119506   | 78.432  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.271  | 93   | 80380    | 78.567  | ng    | 93       |
| 12) 1,3-Dichlorobenzene       | 7.729  | 146  | 111353   | 77.303  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 7.876  | 146  | 111326m  | 75.656  | ng    |          |
| 14) 1,2-Dichlorobenzene       | 8.193  | 146  | 109859   | 78.784  | ng    | 98       |
| 15) Benzyl Alcohol            | 8.082  | 79   | 105960   | 79.912  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.364  | 45   | 129875   | 72.804  | ng    | 96       |
| 17) 2-Methylphenol            | 8.287  | 107  | 86041    | 78.167  | ng    | 98       |
| 18) Hexachloroethane          | 8.922  | 117  | 43436    | 78.241  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.651  | 70   | 75609    | 79.490  | ng    | # 97     |
| 20) 3+4-Methylphenols         | 8.616  | 107  | 117454   | 75.908  | ng    | 97       |
| 22) Acetophenone              | 8.663  | 105  | 160704   | 80.881  | ng    | # 96     |
| 24) Nitrobenzene              | 9.039  | 77   | 122078   | 81.667  | ng    | 97       |
| 25) Isophorone                | 9.568  | 82   | 218426   | 77.086  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.744  | 139  | 60345    | 82.012  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.809  | 122  | 93617    | 78.884  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.044 | 93   | 114851   | 78.459  | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 10.285 | 162  | 105641   | 77.343  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 10.496 | 180  | 117206   | 80.225  | ng    | 96       |
| 31) Naphthalene               | 10.679 | 128  | 338660   | 78.163  | ng    | 96       |
| 32) Benzoic acid              | 10.003 | 122  | 81423m   | 92.734  | ng    |          |
| 33) 4-Chloroaniline           | 10.790 | 127  | 130086   | 82.076  | ng    | 97       |
| 34) Hexachlorobutadiene       | 10.966 | 225  | 98170    | 78.886  | ng    | 98       |
| 35) Caprolactam               | 11.589 | 113  | 33853    | 75.116  | ng    | 92       |
| 36) 4-Chloro-3-methylphenol   | 11.924 | 107  | 127407   | 78.697  | ng    | # 92     |
| 37) 2-Methylnaphthalene       | 12.288 | 142  | 256209   | 78.312  | ng    | 95       |
| 38) 1-Methylnaphthalene       | 12.506 | 142  | 249106   | 77.491  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.659 | 216  | 157088   | 79.911  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.641 | 237  | 89314    | 85.550  | ng    | 94       |
| 43) 2,4,6-Trichlorophenol     | 12.899 | 196  | 104793   | 81.725  | ng    | 94       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092525\  
 Data File : BG064448.D  
 Acq On : 25 Sep 2025 16:44  
 Operator : RC/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC080

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 17:46:43 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Sep 29 17:41:35 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.976 | 196  | 110683   | 77.863 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.305 | 154  | 348385   | 79.400 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.346 | 162  | 261616   | 78.449 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.546 | 65   | 92838    | 81.000 | ng    | 96       |
| 49) Acenaphthylene            | 14.186 | 152  | 384534   | 77.670 | ng    | 99       |
| 50) Dimethylphthalate         | 13.928 | 163  | 356340   | 75.622 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 14.045 | 165  | 78012    | 78.820 | ng    | # 80     |
| 52) Acenaphthene              | 14.533 | 154  | 262559   | 77.494 | ng    | 98       |
| 53) 3-Nitroaniline            | 14.374 | 138  | 76592    | 81.667 | ng    | # 95     |
| 54) 2,4-Dinitrophenol         | 14.586 | 184  | 56236    | 85.555 | ng    | 90       |
| 55) Dibenzofuran              | 14.868 | 168  | 431971   | 76.896 | ng    | 98       |
| 56) 4-Nitrophenol             | 14.691 | 139  | 62726    | 82.628 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 14.838 | 165  | 120447   | 79.716 | ng    | # 95     |
| 58) Fluorene                  | 15.520 | 166  | 354937   | 76.539 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.097 | 232  | 111624   | 80.008 | ng    | 98       |
| 60) Diethylphthalate          | 15.297 | 149  | 386182   | 76.061 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.508 | 204  | 189750   | 74.932 | ng    | 94       |
| 62) 4-Nitroaniline            | 15.549 | 138  | 82584    | 82.122 | ng    | 92       |
| 63) Azobenzene                | 15.802 | 77   | 304330   | 76.600 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.602 | 198  | 84794    | 83.141 | ng    | 91       |
| 66) n-Nitrosodiphenylamine    | 15.726 | 169  | 305998   | 77.020 | ng    | 94       |
| 67) 4-Bromophenyl-phenylether | 16.401 | 248  | 135740   | 77.810 | ng    | 94       |
| 68) Hexachlorobenzene         | 16.525 | 284  | 154180   | 77.660 | ng    | 97       |
| 69) Atrazine                  | 16.677 | 200  | 135575   | 75.110 | ng    | 99       |
| 70) Pentachlorophenol         | 16.865 | 266  | 104048   | 86.841 | ng    | 93       |
| 71) Phenanthrene              | 17.253 | 178  | 599449   | 77.462 | ng    | 99       |
| 72) Anthracene                | 17.341 | 178  | 614451   | 77.972 | ng    | 99       |
| 73) Carbazole                 | 17.612 | 167  | 535202   | 77.415 | ng    | 97       |
| 74) Di-n-butylphthalate       | 18.176 | 149  | 649439   | 76.797 | ng    | 99       |
| 75) Fluoranthene              | 19.263 | 202  | 744166   | 76.151 | ng    | 99       |
| 77) Benzidine                 | 19.445 | 184  | 259122   | 61.724 | ng    | 97       |
| 78) Pyrene                    | 19.627 | 202  | 776775   | 78.076 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.520 | 149  | 289955   | 77.974 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.419 | 228  | 805149   | 78.427 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.342 | 252  | 271691   | 76.951 | ng    | # 99     |
| 83) Chrysene                  | 21.483 | 228  | 763675   | 78.546 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.342 | 149  | 425021   | 79.343 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.476 | 149  | 712196   | 78.213 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 27.835 | 276  | 957142   | 77.678 | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 23.493 | 252  | 792510   | 79.295 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.563 | 252  | 780237   | 77.992 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.304 | 252  | 722303   | 78.017 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 27.888 | 278  | 778997   | 77.983 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 28.892 | 276  | 741087   | 77.248 | ng    | 99       |

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

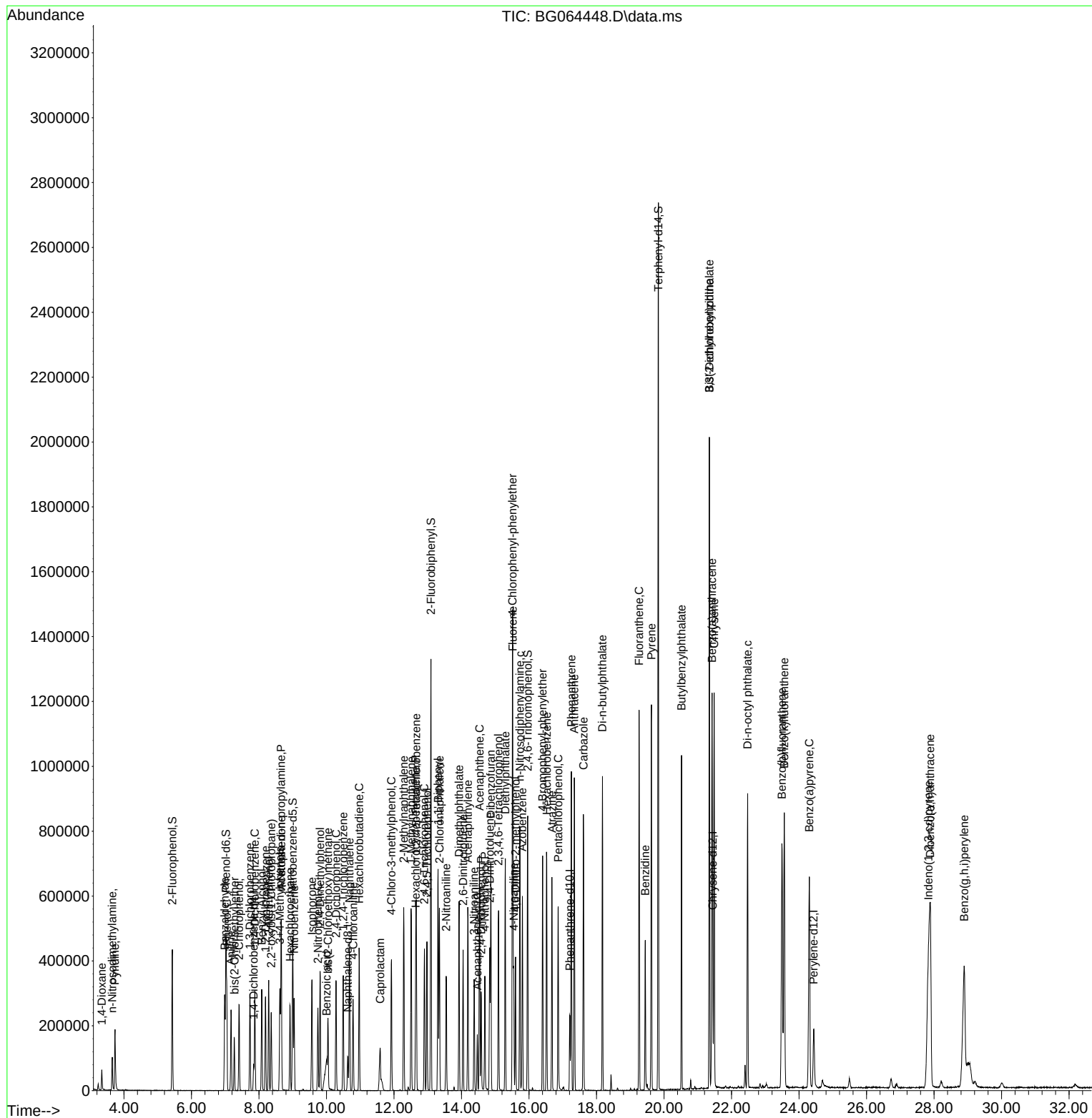
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092525\  
Data File : BG064448.D  
Acq On : 25 Sep 2025 16:44  
Operator : RC/JU  
Sample : SSTDICC080  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 17:46:43 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 29 17:41:35 2025  
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092525\  
 Data File : BG064449.D  
 Acq On : 25 Sep 2025 18:04  
 Operator : RC/JU  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC010

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 17:47:28 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Sep 29 17:41:35 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.829  | 152  | 16924    | 20.000 | ng    | -0.02    |
| 21) Naphthalene-d8            | 10.620 | 136  | 71830    | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.462 | 164  | 55068    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.206 | 188  | 142229   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.431 | 240  | 161277   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.433 | 264  | 174618   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.420  | 112  | 17279    | 19.510 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.000  | 99   | 22731    | 18.735 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.980  | 82   | 25781    | 19.451 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.949 | 330  | 18577    | 19.324 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.082 | 172  | 72513    | 19.444 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.821 | 244  | 159040   | 19.439 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.340  | 88   | 3541     | 9.528  | ng    | 94       |
| 3) Pyridine                   | 3.728  | 79   | 8563     | 8.547  | ng    | # 85     |
| 4) n-Nitrosodimethylamine     | 3.646  | 42   | 6664     | 8.707  | ng    | # 98     |
| 6) Aniline                    | 7.159  | 93   | 14914    | 9.492  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.406  | 128  | 10643    | 9.606  | ng    | 100      |
| 9) Benzaldehyde               | 6.977  | 77   | 8571     | 8.299  | ng    | 92       |
| 10) Phenol                    | 7.030  | 94   | 12673    | 9.647  | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 7.259  | 93   | 8266     | 9.371  | ng    | 92       |
| 12) 1,3-Dichlorobenzene       | 7.717  | 146  | 12631    | 10.170 | ng    | 90       |
| 13) 1,4-Dichlorobenzene       | 7.870  | 146  | 12496    | 9.850  | ng    | # 90     |
| 14) 1,2-Dichlorobenzene       | 8.181  | 146  | 11602    | 9.650  | ng    | 97       |
| 15) Benzyl Alcohol            | 8.070  | 79   | 10636    | 9.303  | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.352  | 45   | 15292    | 9.942  | ng    | 97       |
| 17) 2-Methylphenol            | 8.275  | 107  | 9194     | 9.688  | ng    | 96       |
| 18) Hexachloroethane          | 8.910  | 117  | 4683     | 9.784  | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 8.634  | 70   | 8035     | 9.798  | ng    | # 94     |
| 20) 3+4-Methylphenols         | 8.604  | 107  | 13096    | 9.816  | ng    | 88       |
| 22) Acetophenone              | 8.646  | 105  | 16946    | 9.854  | ng    | # 96     |
| 24) Nitrobenzene              | 9.022  | 77   | 13047    | 10.085 | ng    | # 85     |
| 25) Isophorone                | 9.544  | 82   | 24345    | 9.927  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.738  | 139  | 5873     | 9.222  | ng    | # 90     |
| 27) 2,4-Dimethylphenol        | 9.797  | 122  | 9996     | 9.732  | ng    | 88       |
| 28) bis(2-Chloroethoxy)met... | 10.032 | 93   | 12113    | 9.561  | ng    | 94       |
| 29) 2,4-Dichlorophenol        | 10.273 | 162  | 10831    | 9.162  | ng    | 92       |
| 30) 1,2,4-Trichlorobenzene    | 10.485 | 180  | 12395    | 9.803  | ng    | 91       |
| 31) Naphthalene               | 10.673 | 128  | 37178    | 9.914  | ng    | 98       |
| 32) Benzoic acid              | 9.897  | 122  | 6402m    | 8.424  | ng    |          |
| 33) 4-Chloroaniline           | 10.784 | 127  | 13478    | 9.825  | ng    | 96       |
| 34) Hexachlorobutadiene       | 10.960 | 225  | 10211    | 9.480  | ng    | 92       |
| 35) Caprolactam               | 11.530 | 113  | 3797     | 9.735  | ng    | # 70     |
| 36) 4-Chloro-3-methylphenol   | 11.906 | 107  | 13772    | 9.829  | ng    | 95       |
| 37) 2-Methylnaphthalene       | 12.282 | 142  | 27371    | 9.666  | ng    | 96       |
| 38) 1-Methylnaphthalene       | 12.500 | 142  | 26494    | 9.523  | ng    | 96       |
| 40) 1,2,4,5-Tetrachloroben... | 12.653 | 216  | 16809    | 9.578  | ng    | 97       |
| 41) Hexachlorocyclopentadiene | 12.635 | 237  | 7703     | 8.264  | ng    | 94       |
| 43) 2,4,6-Trichlorophenol     | 12.893 | 196  | 11153    | 9.742  | ng    | 97       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092525\  
 Data File : BG064449.D  
 Acq On : 25 Sep 2025 18:04  
 Operator : RC/JU  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 10/03/2025  
 Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 17:47:28 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 29 17:41:35 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.970 | 196  | 12933    | 10.191 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.293 | 154  | 37895    | 9.674  | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.334 | 162  | 28395    | 9.537  | ng    | 92       |
| 48) 2-Nitroaniline            | 13.540 | 65   | 10054    | 9.825  | ng    | 90       |
| 49) Acenaphthylene            | 14.180 | 152  | 42745    | 9.671  | ng    | 97       |
| 50) Dimethylphthalate         | 13.916 | 163  | 42626    | 10.132 | ng    | # 94     |
| 51) 2,6-Dinitrotoluene        | 14.033 | 165  | 8775     | 9.931  | ng    | 94       |
| 52) Acenaphthene              | 14.527 | 154  | 30154    | 9.969  | ng    | 97       |
| 53) 3-Nitroaniline            | 14.362 | 138  | 7718     | 9.218  | ng    | # 88     |
| 54) 2,4-Dinitrophenol         | 14.580 | 184  | 6541     | 11.146 | ng    | 92       |
| 55) Dibenzofuran              | 14.862 | 168  | 48928    | 9.756  | ng    | 95       |
| 56) 4-Nitrophenol             | 14.680 | 139  | 6008     | 8.865  | ng    | 90       |
| 57) 2,4-Dinitrotoluene        | 14.827 | 165  | 13166    | 9.760  | ng    | 93       |
| 58) Fluorene                  | 15.508 | 166  | 40115    | 9.689  | ng    | 96       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.091 | 232  | 12004    | 9.637  | ng    | 97       |
| 60) Diethylphthalate          | 15.285 | 149  | 45179    | 9.967  | ng    | # 91     |
| 61) 4-Chlorophenyl-phenyle... | 15.502 | 204  | 22034    | 9.746  | ng    | 96       |
| 62) 4-Nitroaniline            | 15.526 | 138  | 8608     | 9.588  | ng    | 95       |
| 63) Azobenzene                | 15.796 | 77   | 34877    | 9.833  | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.590 | 198  | 8542     | 8.767  | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.720 | 169  | 37030    | 9.757  | ng    | 93       |
| 67) 4-Bromophenyl-phenylether | 16.401 | 248  | 15768    | 9.462  | ng    | 90       |
| 68) Hexachlorobenzene         | 16.513 | 284  | 18248    | 9.622  | ng    | # 91     |
| 69) Atrazine                  | 16.666 | 200  | 17458    | 10.125 | ng    | 95       |
| 70) Pentachlorophenol         | 16.859 | 266  | 9154     | 7.998  | ng    | 89       |
| 71) Phenanthrene              | 17.247 | 178  | 71163    | 9.626  | ng    | 94       |
| 72) Anthracene                | 17.335 | 178  | 74346    | 9.876  | ng    | 100      |
| 73) Carbazole                 | 17.606 | 167  | 65817    | 9.966  | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.170 | 149  | 78792    | 9.753  | ng    | 99       |
| 75) Fluoranthene              | 19.257 | 202  | 92151    | 9.871  | ng    | 98       |
| 77) Benzidine                 | 19.445 | 184  | 25517    | 6.043  | ng    | 96       |
| 78) Pyrene                    | 19.621 | 202  | 96290    | 9.622  | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.514 | 149  | 34833    | 9.313  | ng    | 92       |
| 81) Benzo(a)anthracene        | 21.413 | 228  | 98685    | 9.557  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.337 | 252  | 33544    | 9.445  | ng    | 97       |
| 83) Chrysene                  | 21.478 | 228  | 94888    | 9.703  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.342 | 149  | 50177    | 9.313  | ng    | # 96     |
| 85) Di-n-octyl phthalate      | 22.471 | 149  | 87962    | 9.604  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.788 | 276  | 123551   | 10.011 | ng    | # 91     |
| 88) Benzo(b)fluoranthene      | 23.481 | 252  | 93624    | 9.353  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.546 | 252  | 95599    | 9.541  | ng    | 94       |
| 90) Benzo(a)pyrene            | 24.286 | 252  | 86275    | 9.304  | ng    | # 95     |
| 91) Dibenzo(a,h)anthracene    | 27.852 | 278  | 99212    | 9.916  | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 28.845 | 276  | 97372    | 10.134 | ng    | # 97     |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092525\  
 Data File : BG064449.D  
 Acq On : 25 Sep 2025 18:04  
 Operator : RC/JU  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC010

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

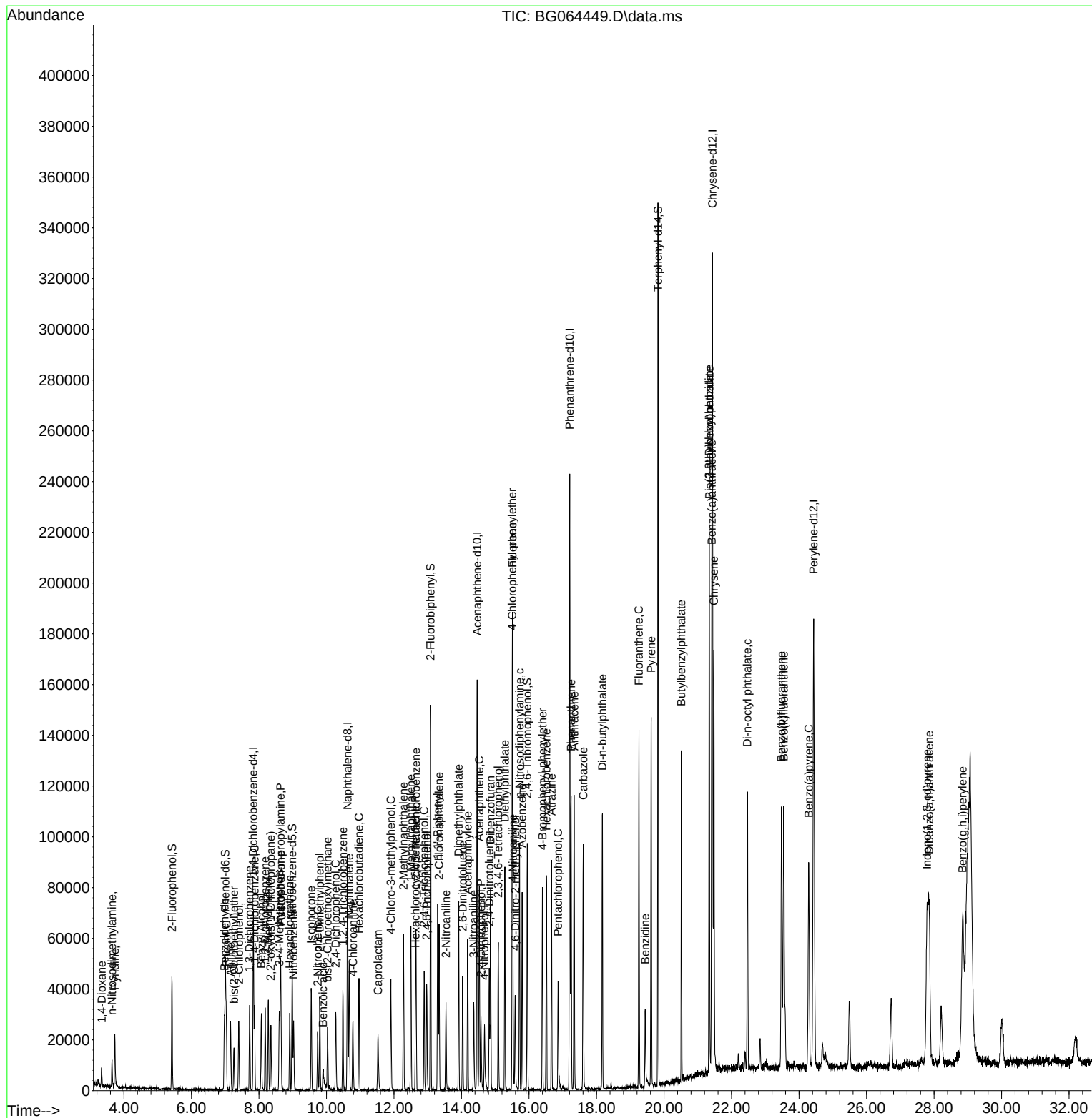
Quant Time: Sep 29 17:47:28 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Sep 29 17:41:35 2025

Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092525\  
 Data File : BG064450.D  
 Acq On : 25 Sep 2025 18:45  
 Operator : RC/JU  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICCC040

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 10/03/2025  
 Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 17:48:12 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 29 17:41:35 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.844  | 152  | 15620    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.629 | 136  | 66785    | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.466 | 164  | 50177    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.209 | 188  | 125215   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.434 | 240  | 139874   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.430 | 264  | 150557   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.423  | 112  | 70219    | 85.906 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.010  | 99   | 98614    | 88.062 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.990  | 82   | 109282   | 88.680 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.952 | 330  | 74766    | 85.352 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.091 | 172  | 287867   | 84.716 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.824 | 244  | 609626   | 85.916 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.343  | 88   | 14231    | 41.489 | ng    | 100      |
| 3) Pyridine                   | 3.731  | 79   | 40161    | 43.430 | ng    | 100      |
| 4) n-Nitrosodimethylamine     | 3.649  | 42   | 29233    | 41.385 | ng    | 100      |
| 6) Aniline                    | 7.168  | 93   | 64238    | 44.299 | ng    | 100      |
| 8) 2-Chlorophenol             | 7.403  | 128  | 45815    | 44.801 | ng    | 100      |
| 9) Benzaldehyde               | 6.980  | 77   | 47973    | 50.330 | ng    | 100      |
| 10) Phenol                    | 7.039  | 94   | 52736    | 43.494 | ng    | 100      |
| 11) bis(2-Chloroethyl)ether   | 7.262  | 93   | 36174    | 44.433 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 7.726  | 146  | 48582    | 42.383 | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 7.873  | 146  | 51460    | 43.948 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 8.191  | 146  | 48481    | 43.691 | ng    | 100      |
| 15) Benzyl Alcohol            | 8.073  | 79   | 45905    | 43.506 | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 8.361  | 45   | 60866    | 42.877 | ng    | 100      |
| 17) 2-Methylphenol            | 8.279  | 107  | 38439    | 43.884 | ng    | 100      |
| 18) Hexachloroethane          | 8.913  | 117  | 19224    | 43.515 | ng    | 100      |
| 19) n-Nitroso-di-n-propyla... | 8.637  | 70   | 33536    | 44.306 | ng    | 100      |
| 20) 3+4-Methylphenols         | 8.608  | 107  | 52475    | 42.618 | ng    | 100      |
| 22) Acetophenone              | 8.655  | 105  | 70922    | 44.357 | ng    | 100      |
| 24) Nitrobenzene              | 9.037  | 77   | 54080    | 44.958 | ng    | 100      |
| 25) Isophorone                | 9.554  | 82   | 97492    | 42.757 | ng    | 100      |
| 26) 2-Nitrophenol             | 9.742  | 139  | 25769    | 43.521 | ng    | 100      |
| 27) 2,4-Dimethylphenol        | 9.806  | 122  | 42601    | 44.608 | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 10.036 | 93   | 50628    | 42.979 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.276 | 162  | 49209    | 44.771 | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 10.494 | 180  | 51622    | 43.909 | ng    | 100      |
| 31) Naphthalene               | 10.676 | 128  | 149931   | 43.002 | ng    | 100      |
| 32) Benzoic acid              | 9.953  | 122  | 31657m   | 44.805 | ng    |          |
| 33) 4-Chloroaniline           | 10.782 | 127  | 57495    | 45.079 | ng    | 100      |
| 34) Hexachlorobutadiene       | 10.964 | 225  | 44299    | 44.236 | ng    | 100      |
| 35) Caprolactam               | 11.551 | 113  | 15426    | 42.536 | ng    | 100      |
| 36) 4-Chloro-3-methylphenol   | 11.910 | 107  | 56075    | 43.042 | ng    | 100      |
| 37) 2-Methylnaphthalene       | 12.286 | 142  | 113865   | 43.250 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 12.503 | 142  | 110815   | 42.838 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.656 | 216  | 70094    | 43.832 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.638 | 237  | 36649    | 43.153 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 12.897 | 196  | 45249    | 43.379 | ng    | 100      |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092525\  
 Data File : BG064450.D  
 Acq On : 25 Sep 2025 18:45  
 Operator : RC/JU  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICCC040

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 10/03/2025  
 Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 17:48:12 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 29 17:41:35 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.973 | 196  | 48774    | 42.178 | ng    | 100      |
| 46) 1,1'-Biphenyl             | 13.296 | 154  | 152347   | 42.682 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.338 | 162  | 114578   | 42.235 | ng    | 100      |
| 48) 2-Nitroaniline            | 13.543 | 65   | 40740    | 43.694 | ng    | 100      |
| 49) Acenaphthylene            | 14.184 | 152  | 173524   | 43.085 | ng    | 100      |
| 50) Dimethylphthalate         | 13.925 | 163  | 161350   | 42.092 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.043 | 165  | 35427    | 44.001 | ng    | 100      |
| 52) Acenaphthene              | 14.530 | 154  | 119888   | 43.497 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.366 | 138  | 34151    | 44.762 | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 14.577 | 184  | 22631    | 42.323 | ng    | 100      |
| 55) Dibenzofuran              | 14.865 | 168  | 192093   | 42.035 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.683 | 139  | 26927    | 43.603 | ng    | 100      |
| 57) 2,4-Dinitrotoluene        | 14.824 | 165  | 52729    | 42.899 | ng    | 100      |
| 58) Fluorene                  | 15.511 | 166  | 162346   | 43.035 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.094 | 232  | 50793    | 44.754 | ng    | 100      |
| 60) Diethylphthalate          | 15.288 | 149  | 178543   | 43.227 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.506 | 204  | 89181    | 43.291 | ng    | 100      |
| 62) 4-Nitroaniline            | 15.535 | 138  | 36479    | 44.591 | ng    | 100      |
| 63) Azobenzene                | 15.799 | 77   | 140272   | 43.401 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 15.594 | 198  | 37619    | 43.859 | ng    | 100      |
| 66) n-Nitrosodiphenylamine    | 15.723 | 169  | 140984   | 42.194 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.399 | 248  | 63403    | 43.215 | ng    | 100      |
| 68) Hexachlorobenzene         | 16.516 | 284  | 70671    | 42.326 | ng    | 100      |
| 69) Atrazine                  | 16.675 | 200  | 64247    | 42.322 | ng    | 100      |
| 70) Pentachlorophenol         | 16.863 | 266  | 44158    | 43.823 | ng    | 100      |
| 71) Phenanthrene              | 17.251 | 178  | 279949   | 43.014 | ng    | 100      |
| 72) Anthracene                | 17.339 | 178  | 278620   | 42.040 | ng    | 100      |
| 73) Carbazole                 | 17.609 | 167  | 252665   | 43.456 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.173 | 149  | 306480   | 43.093 | ng    | 100      |
| 75) Fluoranthene              | 19.260 | 202  | 353132   | 42.967 | ng    | 100      |
| 77) Benzidine                 | 19.442 | 184  | 193720   | 52.897 | ng    | 100      |
| 78) Pyrene                    | 19.618 | 202  | 372354   | 42.903 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.517 | 149  | 139596   | 43.032 | ng    | 100      |
| 81) Benzo(a)anthracene        | 21.416 | 228  | 380705   | 42.509 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.340 | 252  | 132191   | 42.919 | ng    | 100      |
| 83) Chrysene                  | 21.481 | 228  | 352536   | 41.565 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.340 | 149  | 199336   | 42.657 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.474 | 149  | 337492   | 42.486 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 27.809 | 276  | 452941   | 42.567 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 23.400 | 252  | 371712   | 43.068 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 23.555 | 252  | 368356   | 42.638 | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.295 | 252  | 341781   | 42.749 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 27.868 | 278  | 365777   | 42.402 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 28.866 | 276  | 347587   | 41.955 | ng    | 100      |

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

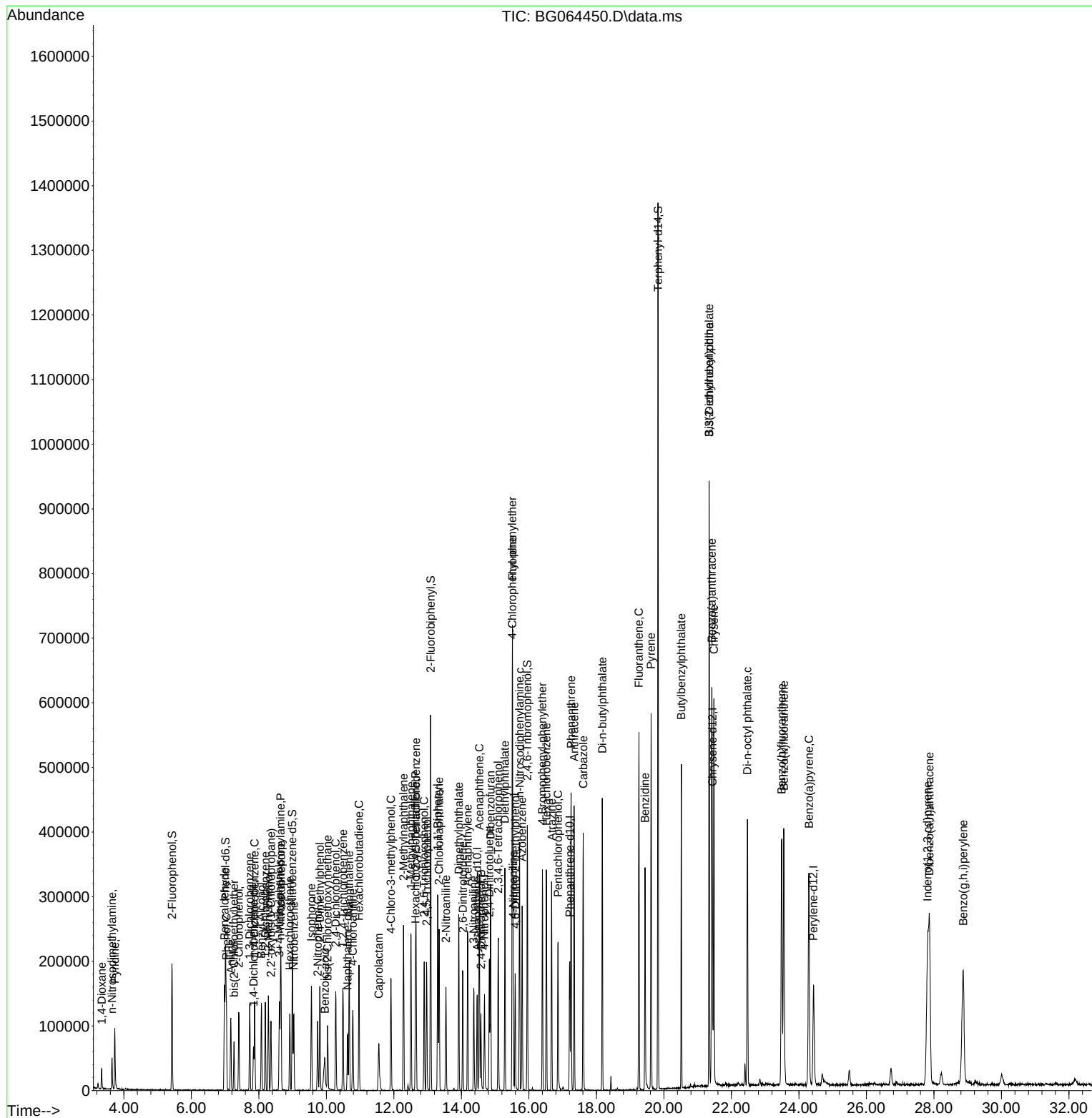
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092525\  
 Data File : BG064450.D  
 Acq On : 25 Sep 2025 18:45  
 Operator : RC/JU  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICCC040

### Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/03/2025  
 Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 17:48:12 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 29 17:41:35 2025  
 Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092525\  
 Data File : BG064451.D  
 Acq On : 25 Sep 2025 19:26  
 Operator : RC/JU  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC060

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 10/03/2025  
 Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 17:49:00 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 29 17:41:35 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.835  | 152  | 18105    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.626 | 136  | 82581    | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.468 | 164  | 61030    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.206 | 188  | 137702   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.437 | 240  | 139879   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 24.427 | 264  | 149806   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.426  | 112  | 118647   | 125.230 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.013  | 99   | 168846   | 130.084 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.998  | 82   | 188446   | 123.670 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.955 | 330  | 124484   | 116.839 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.094 | 172  | 507488   | 122.789 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.827 | 244  | 830114   | 116.986 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.340  | 88   | 24843    | 62.486  | ng    | 98       |
| 3) Pyridine                   | 3.734  | 79   | 64908    | 60.558  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.646  | 42   | 53242    | 65.029  | ng    | # 96     |
| 6) Aniline                    | 7.171  | 93   | 108028   | 64.272  | ng    | 96       |
| 8) 2-Chlorophenol             | 7.406  | 128  | 76706    | 64.713  | ng    | 97       |
| 9) Benzaldehyde               | 6.983  | 77   | 81478    | 73.748  | ng    | 94       |
| 10) Phenol                    | 7.042  | 94   | 89102    | 63.401  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.265  | 93   | 57750    | 61.199  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.729  | 146  | 81402    | 61.268  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.876  | 146  | 82610    | 60.867  | ng    | 89       |
| 14) 1,2-Dichlorobenzene       | 8.193  | 146  | 78892    | 61.339  | ng    | 95       |
| 15) Benzyl Alcohol            | 8.082  | 79   | 78326    | 64.044  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.358  | 45   | 104782   | 63.682  | ng    | 98       |
| 17) 2-Methylphenol            | 8.282  | 107  | 64676    | 63.703  | ng    | 94       |
| 18) Hexachloroethane          | 8.916  | 117  | 32339    | 63.155  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.646  | 70   | 57628    | 65.686  | ng    | # 89     |
| 20) 3+4-Methylphenols         | 8.611  | 107  | 90641    | 63.511  | ng    | 97       |
| 22) Acetophenone              | 8.658  | 105  | 124155   | 62.798  | ng    | # 98     |
| 24) Nitrobenzene              | 9.040  | 77   | 94622    | 63.615  | ng    | 99       |
| 25) Isophorone                | 9.562  | 82   | 169867   | 60.248  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.745  | 139  | 45287    | 61.854  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 9.809  | 122  | 72964    | 61.788  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 10.044 | 93   | 87229    | 59.886  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.279 | 162  | 81878    | 60.245  | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 10.491 | 180  | 87785    | 60.386  | ng    | 99       |
| 31) Naphthalene               | 10.679 | 128  | 260068   | 60.323  | ng    | 97       |
| 32) Benzoic acid              | 9.986  | 122  | 57485m   | 65.797  | ng    |          |
| 33) 4-Chloroaniline           | 10.785 | 127  | 97771    | 61.995  | ng    | 100      |
| 34) Hexachlorobutadiene       | 10.967 | 225  | 74664    | 60.297  | ng    | 98       |
| 35) Caprolactam               | 11.572 | 113  | 25963    | 57.897  | ng    | 90       |
| 36) 4-Chloro-3-methylphenol   | 11.919 | 107  | 99241    | 61.605  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.289 | 142  | 196900   | 60.484  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.506 | 142  | 190996   | 59.711  | ng    | 93       |
| 40) 1,2,4,5-Tetrachloroben... | 12.659 | 216  | 119975   | 61.683  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.641 | 237  | 68031    | 65.859  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.900 | 196  | 79271    | 62.481  | ng    | 95       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092525\  
 Data File : BG064451.D  
 Acq On : 25 Sep 2025 19:26  
 Operator : RC/JU  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC060

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 17:49:00 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Sep 29 17:41:35 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.976 | 196  | 85025    | 60.451 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.299 | 154  | 270497   | 62.306 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.340 | 162  | 206267   | 62.512 | ng    | 97       |
| 48) 2-Nitroaniline            | 13.546 | 65   | 71221    | 62.802 | ng    | 96       |
| 49) Acenaphthylene            | 14.186 | 152  | 298508   | 60.937 | ng    | 100      |
| 50) Dimethylphthalate         | 13.922 | 163  | 276155   | 59.231 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.045 | 165  | 59718    | 60.980 | ng    | # 87     |
| 52) Acenaphthene              | 14.533 | 154  | 203572   | 60.725 | ng    | 97       |
| 53) 3-Nitroaniline            | 14.374 | 138  | 54428    | 58.654 | ng    | 89       |
| 54) 2,4-Dinitrophenol         | 14.580 | 184  | 37663    | 57.910 | ng    | 99       |
| 55) Dibenzofuran              | 14.868 | 168  | 337131   | 60.654 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.686 | 139  | 42817    | 57.004 | ng    | 90       |
| 57) 2,4-Dinitrotoluene        | 14.833 | 165  | 89168    | 59.644 | ng    | # 100    |
| 58) Fluorene                  | 15.514 | 166  | 275367   | 60.014 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.097 | 232  | 85221    | 61.735 | ng    | # 99     |
| 60) Diethylphthalate          | 15.291 | 149  | 283929   | 56.518 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.508 | 204  | 150520   | 60.074 | ng    | 93       |
| 62) 4-Nitroaniline            | 15.538 | 138  | 56253    | 56.535 | ng    | 95       |
| 63) Azobenzene                | 15.802 | 77   | 233659   | 59.439 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.597 | 198  | 58442    | 61.957 | ng    | 91       |
| 66) n-Nitrosodiphenylamine    | 15.726 | 169  | 230825   | 62.818 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 16.402 | 248  | 102880   | 63.763 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.519 | 284  | 114031   | 62.102 | ng    | 99       |
| 69) Atrazine                  | 16.672 | 200  | 88612    | 53.079 | ng    | 98       |
| 70) Pentachlorophenol         | 16.860 | 266  | 67553    | 60.961 | ng    | 99       |
| 71) Phenanthrene              | 17.248 | 178  | 426372   | 59.571 | ng    | 98       |
| 72) Anthracene                | 17.342 | 178  | 438235   | 60.127 | ng    | 99       |
| 73) Carbazole                 | 17.612 | 167  | 355970   | 55.672 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.176 | 149  | 419540   | 53.640 | ng    | 99       |
| 75) Fluoranthene              | 19.263 | 202  | 484861   | 53.646 | ng    | 99       |
| 77) Benzidine                 | 19.445 | 184  | 280443   | 76.574 | ng    | 97       |
| 78) Pyrene                    | 19.621 | 202  | 505545   | 58.247 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.514 | 149  | 195778   | 60.349 | ng    | 100      |
| 81) Benzo(a)anthracene        | 21.419 | 228  | 541897   | 60.505 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.343 | 252  | 187985   | 61.031 | ng    | 100      |
| 83) Chrysene                  | 21.484 | 228  | 502350   | 59.226 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.343 | 149  | 284715   | 60.925 | ng    | 97       |
| 85) Di-n-octyl phthalate      | 22.477 | 149  | 480781   | 60.523 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.818 | 276  | 643978   | 60.823 | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 23.493 | 252  | 538468   | 62.702 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.558 | 252  | 524296   | 60.993 | ng    | 97       |
| 90) Benzo(a)pyrene            | 24.298 | 252  | 489632   | 61.549 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 27.870 | 278  | 522034   | 60.820 | ng    | 96       |
| 92) Benzo(g,h,i)perylene      | 28.875 | 276  | 504069   | 61.149 | ng    | 98       |

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

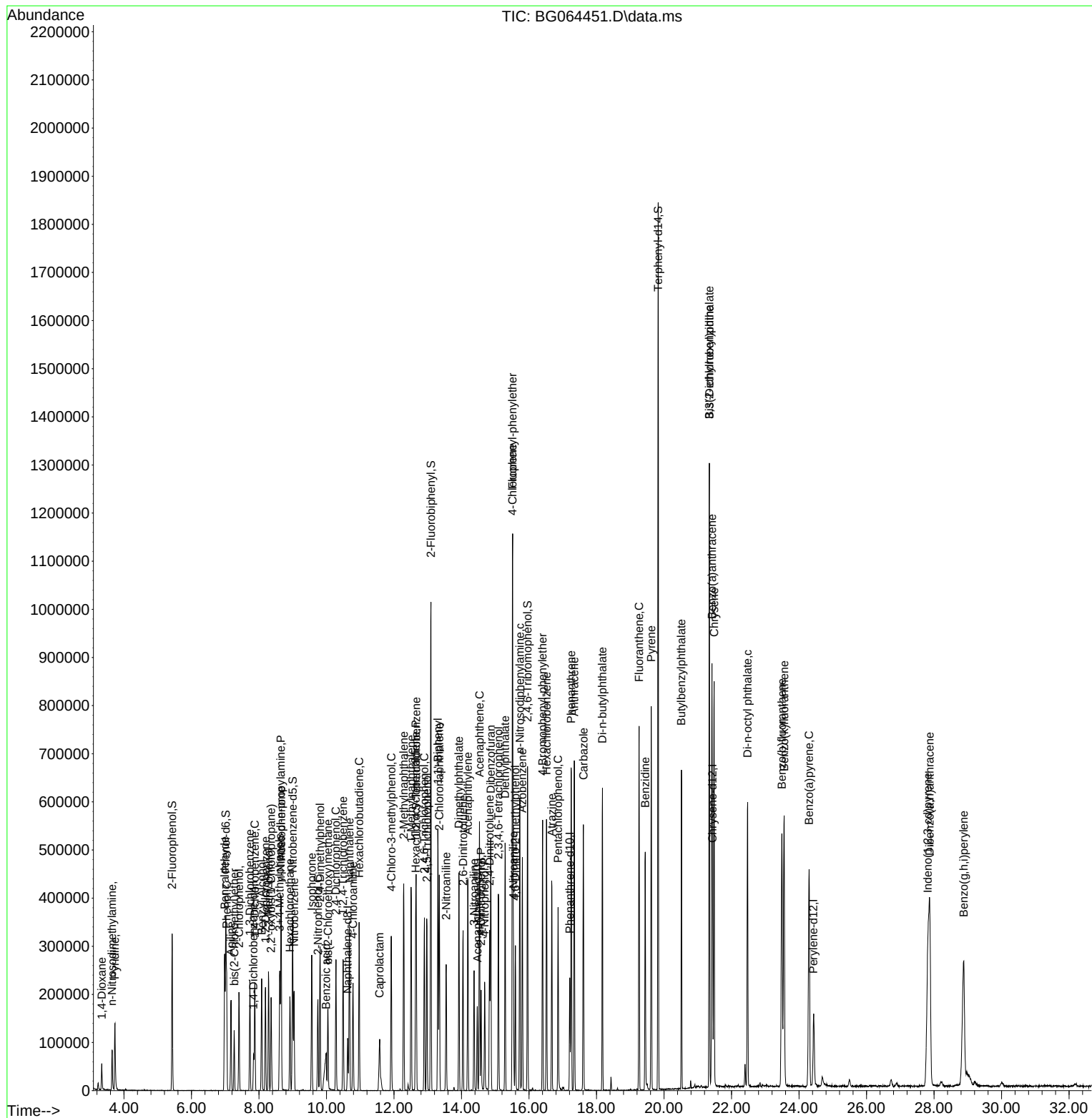
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Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\  
Data File : BG064451.D  
Acq On    : 25 Sep 2025   19:26  
Operator   : RC/JU  
Sample     : SSTDICC060  
Misc       :  
ALS Vial   : 12   Sample Multiplier: 1
```

**Instrument :**  
BNA\_G  
**ClientSampleId :**  
SSTDICC060

## Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 17:49:00 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 29 17:41:35 2025  
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092525\  
 Data File : BG064452.D  
 Acq On : 25 Sep 2025 20:49  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

ICVBG092525

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 18:06:16 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Sep 29 18:04:12 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.843  | 152  | 16360    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.628 | 136  | 69998    | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.465 | 164  | 53506    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.203 | 188  | 126240   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.439 | 240  | 146232   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.436 | 264  | 156297   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.428  | 112  | 76234    | 89.046 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.015  | 99   | 104282   | 88.911 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.995  | 82   | 116047   | 89.848 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.957 | 330  | 78697    | 84.250 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.090 | 172  | 309222   | 85.338 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.823 | 244  | 612166   | 82.523 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.343  | 88   | 14029    | 39.050 | ng    | 99       |
| 3) Pyridine                   | 3.730  | 79   | 39133    | 40.404 | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.648  | 42   | 31474    | 42.542 | ng    | # 96     |
| 6) Aniline                    | 7.168  | 93   | 66581    | 43.838 | ng    | 97       |
| 8) 2-Chlorophenol             | 7.409  | 128  | 47005    | 43.886 | ng    | 96       |
| 9) Benzaldehyde               | 6.980  | 77   | 69236    | 69.353 | ng    | 91       |
| 10) Phenol                    | 7.038  | 94   | 55124    | 43.407 | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 7.268  | 93   | 37715    | 44.230 | ng    | 92       |
| 12) 1,3-Dichlorobenzene       | 7.732  | 146  | 52530    | 43.753 | ng    | 95       |
| 13) 1,4-Dichlorobenzene       | 7.873  | 146  | 53183    | 43.365 | ng    | 91       |
| 14) 1,2-Dichlorobenzene       | 8.190  | 146  | 52569    | 45.232 | ng    | 94       |
| 15) Benzyl Alcohol            | 8.072  | 79   | 47170    | 42.683 | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.360  | 45   | 61132    | 41.116 | ng    | 97       |
| 17) 2-Methylphenol            | 8.284  | 107  | 39244    | 42.777 | ng    | 94       |
| 18) Hexachloroethane          | 8.913  | 117  | 20021    | 43.270 | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 8.642  | 70   | 35926    | 45.317 | ng    | # 93     |
| 20) 3+4-Methylphenols         | 8.607  | 107  | 54063    | 41.921 | ng    | 96       |
| 22) Acetophenone              | 8.654  | 105  | 72821    | 43.454 | ng    | # 93     |
| 24) Nitrobenzene              | 9.036  | 77   | 56054    | 44.460 | ng    | 98       |
| 25) Isophorone                | 9.559  | 82   | 102879   | 43.048 | ng    | 96       |
| 26) 2-Nitrophenol             | 9.741  | 139  | 28126    | 45.321 | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 9.806  | 122  | 44334    | 44.292 | ng    | 93       |
| 28) bis(2-Chloroethoxy)met... | 10.041 | 93   | 53573    | 43.392 | ng    | 94       |
| 29) 2,4-Dichlorophenol        | 10.276 | 162  | 49172    | 42.684 | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 10.493 | 180  | 53650    | 43.539 | ng    | 97       |
| 31) Naphthalene               | 10.675 | 128  | 157276   | 43.038 | ng    | 98       |
| 32) Benzoic acid              | 9.958  | 122  | 35974m   | 46.391 | ng    |          |
| 33) 4-Chloroaniline           | 10.781 | 127  | 59052    | 44.175 | ng    | 96       |
| 34) Hexachlorobutadiene       | 10.963 | 225  | 45951    | 43.780 | ng    | 92       |
| 35) Caprolactam               | 11.557 | 113  | 15586    | 41.004 | ng    | # 90     |
| 36) 4-Chloro-3-methylphenol   | 11.915 | 107  | 58602    | 42.917 | ng    | # 87     |
| 37) 2-Methylnaphthalene       | 12.285 | 142  | 121011   | 43.854 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.508 | 142  | 116879   | 43.108 | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 12.655 | 216  | 73625    | 43.176 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.638 | 237  | 38124    | 42.097 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.896 | 196  | 47726    | 42.907 | ng    | 94       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092525\  
 Data File : BG064452.D  
 Acq On : 25 Sep 2025 20:49  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

ICVBG092525

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 18:06:16 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Sep 29 18:04:12 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.973 | 196  | 52262    | 43.074 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.302 | 154  | 163525   | 42.963 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.337 | 162  | 121681   | 42.063 | ng    | 97       |
| 48) 2-Nitroaniline            | 13.543 | 65   | 43340    | 43.591 | ng    | 92       |
| 49) Acenaphthylene            | 14.183 | 152  | 181257   | 42.205 | ng    | 98       |
| 50) Dimethylphthalate         | 13.924 | 163  | 169499   | 41.467 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.042 | 165  | 35401    | 41.233 | ng    | 89       |
| 52) Acenaphthene              | 14.530 | 154  | 124969   | 42.520 | ng    | 97       |
| 53) 3-Nitroaniline            | 14.371 | 138  | 34384    | 42.264 | ng    | # 93     |
| 54) 2,4-Dinitrophenol         | 14.577 | 184  | 23261    | 40.795 | ng    | 94       |
| 55) Dibenzofuran              | 14.864 | 168  | 202428   | 41.540 | ng    | 98       |
| 56) 4-Nitrophenol             | 14.682 | 139  | 27745    | 42.132 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 14.829 | 165  | 55855    | 42.615 | ng    | 97       |
| 58) Fluorene                  | 15.511 | 166  | 169479   | 42.130 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.094 | 232  | 51232    | 42.332 | ng    | # 97     |
| 60) Diethylphthalate          | 15.288 | 149  | 180626   | 41.011 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.505 | 204  | 89062    | 40.544 | ng    | 94       |
| 62) 4-Nitroaniline            | 15.534 | 138  | 37290    | 42.747 | ng    | 97       |
| 63) Azobenzene                | 15.799 | 77   | 145221   | 42.137 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.593 | 198  | 38925    | 45.013 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.722 | 169  | 144534   | 42.905 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.398 | 248  | 62470    | 42.233 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.515 | 284  | 71417    | 42.425 | ng    | 97       |
| 69) Atrazine                  | 16.674 | 200  | 64954    | 42.441 | ng    | 98       |
| 70) Pentachlorophenol         | 16.862 | 266  | 45088    | 44.382 | ng    | 97       |
| 71) Phenanthrene              | 17.250 | 178  | 282695   | 43.083 | ng    | 99       |
| 72) Anthracene                | 17.338 | 178  | 284960   | 42.647 | ng    | 99       |
| 73) Carbazole                 | 17.608 | 167  | 251365   | 42.881 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.172 | 149  | 307603   | 42.899 | ng    | 99       |
| 75) Fluoranthene              | 19.259 | 202  | 354667   | 42.804 | ng    | 99       |
| 77) Benzidine                 | 19.441 | 184  | 168308   | 43.960 | ng    | 99       |
| 78) Pyrene                    | 19.624 | 202  | 372147   | 41.014 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.517 | 149  | 140223   | 41.346 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.416 | 228  | 396961   | 42.397 | ng    | 96       |
| 82) 3,3'-Dichlorobenzidine    | 21.339 | 252  | 137811   | 42.798 | ng    | 97       |
| 83) Chrysene                  | 21.480 | 228  | 368588   | 41.568 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.339 | 149  | 204628   | 41.885 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.473 | 149  | 347545   | 41.850 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.814 | 276  | 466705   | 42.249 | ng    | # 96     |
| 88) Benzo(b)fluoranthene      | 23.490 | 252  | 382245   | 42.662 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.554 | 252  | 383443   | 42.775 | ng    | 96       |
| 90) Benzo(a)pyrene            | 24.295 | 252  | 351441   | 42.343 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 27.861 | 278  | 378600   | 42.277 | ng    | 93       |
| 92) Benzo(g,h,i)perylene      | 28.866 | 276  | 362608   | 42.161 | ng    | 98       |

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

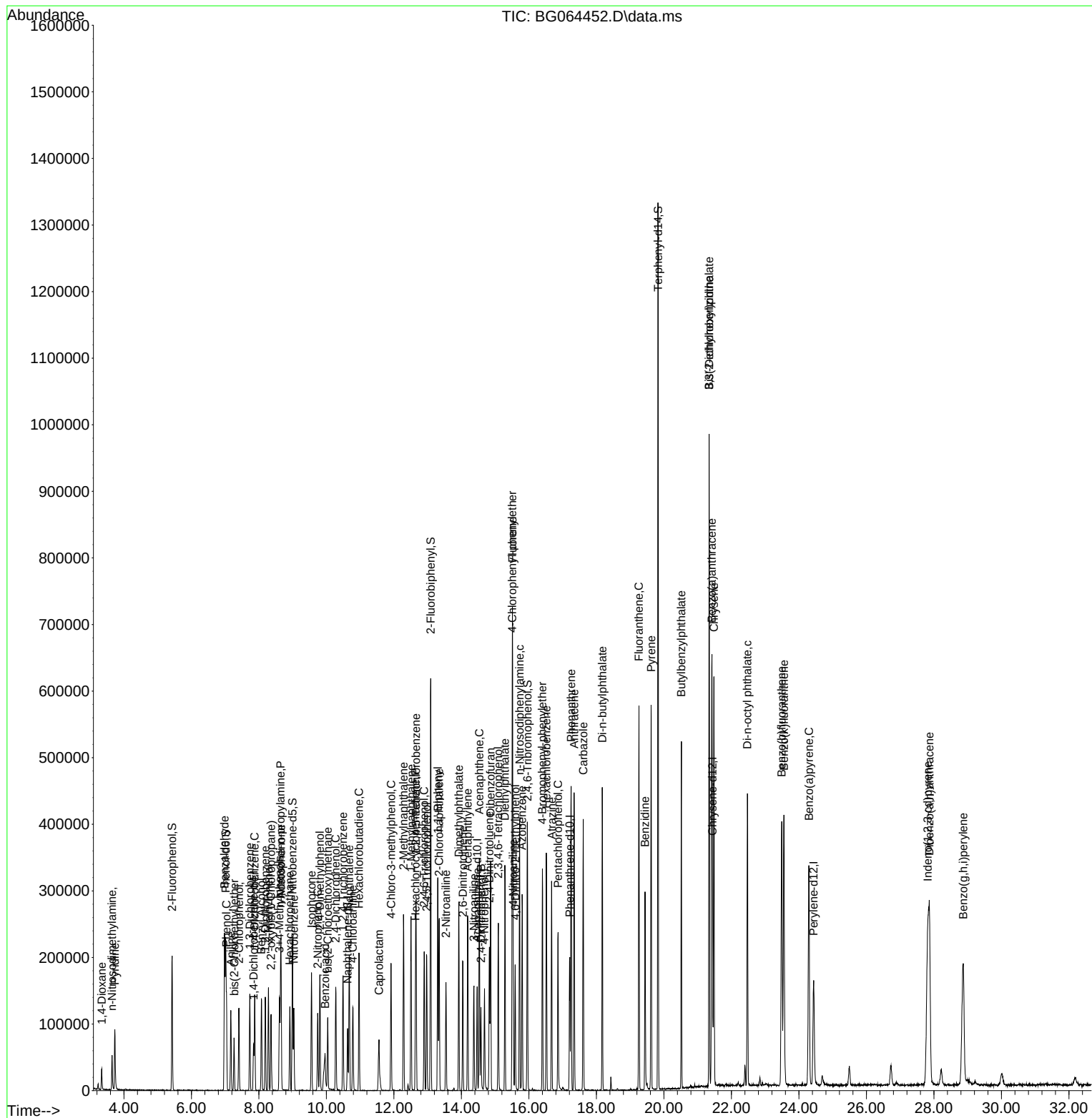
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Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\  
Data File : BG064452.D  
Acq On    : 25 Sep 2025   20:49  
Operator  : RC/JU  
Sample    : SSTDICV040  
Misc      :  
ALS Vial  : 14    Sample Multiplier: 1
```

**Instrument :**  
BNA\_G  
**ClientSampleId :**  
ICVBG092525

## Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 18:06:16 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 29 18:04:12 2025  
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092525\  
 Data File : BG064452.D  
 Acq On : 25 Sep 2025 20:49  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG092525

Quant Time: Sep 29 18:06:16 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 29 18:04:12 2025  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                    | AvgRF | CCRF  | %Dev   | Area% | Dev(min) |
|------|-----------------------------|-------|-------|--------|-------|----------|
| 1 I  | 1,4-Dichlorobenzene-d4      | 1.000 | 1.000 | 0.0    | 105   | 0.00     |
| 2    | 1,4-Dioxane                 | 0.439 | 0.429 | 2.3    | 99    | 0.00     |
| 3    | Pyridine                    | 1.184 | 1.196 | -1.0   | 97    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 0.904 | 0.962 | -6.4   | 108   | 0.00     |
| 5 S  | 2-Fluorophenol              | 1.047 | 1.165 | -11.3  | 109   | 0.00     |
| 6    | Aniline                     | 1.857 | 2.035 | -9.6   | 104   | 0.00     |
| 7 S  | Phenol-d6                   | 1.434 | 1.594 | -11.2  | 106   | 0.00     |
| 8    | 2-Chlorophenol              | 1.309 | 1.437 | -9.8   | 103   | 0.00     |
| 9    | Benzaldehyde                | 1.220 | 2.116 | -73.4# | 144   | 0.00     |
| 10 C | Phenol                      | 1.552 | 1.685 | -8.6   | 105   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 1.042 | 1.153 | -10.7  | 104   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 1.468 | 1.605 | -9.3   | 108   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.499 | 1.625 | -8.4   | 103   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.421 | 1.607 | -13.1  | 108   | 0.00     |
| 15   | Benzyl Alcohol              | 1.351 | 1.442 | -6.7   | 103   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 1.818 | 1.868 | -2.8   | 100   | 0.00     |
| 17   | 2-Methylphenol              | 1.122 | 1.199 | -6.9   | 102   | 0.00     |
| 18   | Hexachloroethane            | 0.566 | 0.612 | -8.1   | 104   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 0.969 | 1.098 | -13.3  | 107   | 0.00     |
| 20   | 3+4-Methylphenols           | 1.577 | 1.652 | -4.8   | 103   | 0.00     |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0    | 105   | 0.00     |
| 22   | Acetophenone                | 0.479 | 0.520 | -8.6   | 103   | 0.00     |
| 23 S | Nitrobenzene-d5             | 0.369 | 0.414 | -12.2  | 106   | 0.00     |
| 24   | Nitrobenzene                | 0.360 | 0.400 | -11.1  | 104   | 0.00     |
| 25   | Isophorone                  | 0.683 | 0.735 | -7.6   | 106   | 0.00     |
| 26 C | 2-Nitrophenol               | 0.177 | 0.201 | -13.6  | 109   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.286 | 0.317 | -10.8  | 104   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.353 | 0.383 | -8.5   | 106   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 0.329 | 0.351 | -6.7   | 100   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.352 | 0.383 | -8.8   | 104   | 0.00     |
| 31   | Naphthalene                 | 1.044 | 1.123 | -7.6   | 105   | 0.00     |
| 32   | Benzoic acid                | 0.222 | 0.257 | -15.8  | 114   | 0.00     |
| 33   | 4-Chloroaniline             | 0.382 | 0.422 | -10.5  | 103   | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.300 | 0.328 | -9.3   | 104   | 0.00     |
| 35   | Caprolactam                 | 0.109 | 0.111 | -1.8   | 101   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 0.390 | 0.419 | -7.4   | 105   | 0.00     |
| 37   | 2-Methylnaphthalene         | 0.788 | 0.864 | -9.6   | 106   | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.775 | 0.835 | -7.7   | 105   | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0    | 107   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.637 | 0.688 | -8.0   | 105   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.339 | 0.356 | -5.0   | 104   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.349 | 0.368 | -5.4   | 105   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.416 | 0.446 | -7.2   | 105   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.454 | 0.488 | -7.5   | 107   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 1.354 | 1.445 | -6.7   | 107   | 0.00     |
| 46   | 1,1'-Biphenyl               | 1.423 | 1.528 | -7.4   | 107   | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.081 | 1.137 | -5.2   | 106   | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092525\  
 Data File : BG064452.D  
 Acq On : 25 Sep 2025 20:49  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG092525

Quant Time: Sep 29 18:06:16 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 29 18:04:12 2025  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                   | AvgRF | CCRF  | %Dev  | Area% | Dev(min) |
|------|----------------------------|-------|-------|-------|-------|----------|
| 48   | 2-Nitroaniline             | 0.372 | 0.405 | -8.9  | 106   | 0.00     |
| 49   | Acenaphthylene             | 1.605 | 1.694 | -5.5  | 104   | 0.00     |
| 50   | Dimethylphthalate          | 1.528 | 1.584 | -3.7  | 105   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.321 | 0.331 | -3.1  | 100   | 0.00     |
| 52 C | Acenaphthene               | 1.099 | 1.168 | -6.3  | 104   | 0.00     |
| 53   | 3-Nitroaniline             | 0.304 | 0.321 | -5.6  | 101   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 0.213 | 0.217 | -1.9  | 103   | 0.00     |
| 55   | Dibenzofuran               | 1.821 | 1.892 | -3.9  | 105   | 0.00     |
| 56 P | 4-Nitrophenol              | 0.246 | 0.259 | -5.3  | 103   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 0.490 | 0.522 | -6.5  | 106   | 0.00     |
| 58   | Fluorene                   | 1.504 | 1.584 | -5.3  | 104   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.452 | 0.479 | -6.0  | 101   | 0.00     |
| 60   | Diethylphthalate           | 1.646 | 1.688 | -2.6  | 101   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 0.821 | 0.832 | -1.3  | 100   | 0.00     |
| 62   | 4-Nitroaniline             | 0.326 | 0.348 | -6.7  | 102   | 0.00     |
| 63   | Azobenzene                 | 1.288 | 1.357 | -5.4  | 104   | 0.00     |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 101   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.137 | 0.154 | -12.4 | 103   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 0.534 | 0.572 | -7.1  | 103   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 0.234 | 0.247 | -5.6  | 99    | 0.00     |
| 68   | Hexachlorobenzene          | 0.267 | 0.283 | -6.0  | 101   | 0.00     |
| 69   | Atrazine                   | 0.242 | 0.257 | -6.2  | 101   | 0.00     |
| 70 C | Pentachlorophenol          | 0.161 | 0.179 | -11.2 | 102   | 0.00     |
| 71   | Phenanthrene               | 1.040 | 1.120 | -7.7  | 101   | 0.00     |
| 72   | Anthracene                 | 1.059 | 1.129 | -6.6  | 102   | 0.00     |
| 73   | Carbazole                  | 0.929 | 0.996 | -7.2  | 99    | 0.00     |
| 74   | Di-n-butylphthalate        | 1.136 | 1.218 | -7.2  | 100   | 0.00     |
| 75 C | Fluoranthene               | 1.313 | 1.405 | -7.0  | 100   | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 105   | 0.00     |
| 77   | Benzydine                  | 0.524 | 0.575 | -9.7  | 87    | 0.00     |
| 78   | Pyrene                     | 1.241 | 1.272 | -2.5  | 100   | 0.00     |
| 79 S | Terphenyl-d14              | 1.015 | 1.047 | -3.2  | 100   | 0.00     |
| 80   | Butylbenzylphthalate       | 0.464 | 0.479 | -3.2  | 100   | 0.00     |
| 81   | Benzo(a)anthracene         | 1.281 | 1.357 | -5.9  | 104   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.440 | 0.471 | -7.0  | 104   | 0.00     |
| 83   | Chrysene                   | 1.213 | 1.260 | -3.9  | 105   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 0.668 | 0.700 | -4.8  | 103   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 1.136 | 1.188 | -4.6  | 103   | 0.00     |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0   | 104   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.414 | 1.493 | -5.6  | 103   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 1.147 | 1.223 | -6.6  | 103   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 1.147 | 1.227 | -7.0  | 104   | 0.00     |
| 90 C | Benzo(a)pyrene             | 1.062 | 1.124 | -5.8  | 103   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 1.146 | 1.211 | -5.7  | 104   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 1.101 | 1.160 | -5.4  | 104   | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092525\  
Data File : BG064452.D  
Acq On : 25 Sep 2025 20:49  
Operator : RC/JU  
Sample : SSTDICV040  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG092525

Quant Time: Sep 29 18:06:16 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 29 18:04:12 2025  
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|----------|-------|------|------|-------|----------|
|----------|-------|------|------|-------|----------|

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092525\  
 Data File : BG064452.D  
 Acq On : 25 Sep 2025 20:49  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG092525

Quant Time: Sep 29 18:06:16 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 29 18:04:12 2025  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                    | Amount | Calc.  | %Dev   | Area% | Dev(min) |
|------|-----------------------------|--------|--------|--------|-------|----------|
| 1 I  | 1,4-Dichlorobenzene-d4      | 20.000 | 20.000 | 0.0    | 105   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 39.050 | 2.4    | 99    | 0.00     |
| 3    | Pyridine                    | 40.000 | 40.404 | -1.0   | 97    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 42.542 | -6.4   | 108   | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 89.046 | -11.3  | 109   | 0.00     |
| 6    | Aniline                     | 40.000 | 43.838 | -9.6   | 104   | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 88.911 | -11.1  | 106   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 43.886 | -9.7   | 103   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 69.353 | -73.4# | 144   | 0.00     |
| 10 C | Phenol                      | 40.000 | 43.407 | -8.5   | 105   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 44.230 | -10.6  | 104   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 43.753 | -9.4   | 108   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 43.365 | -8.4   | 103   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 45.232 | -13.1  | 108   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 42.683 | -6.7   | 103   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 41.116 | -2.8   | 100   | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 42.777 | -6.9   | 102   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 43.270 | -8.2   | 104   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 45.317 | -13.3  | 107   | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 41.921 | -4.8   | 103   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0    | 105   | 0.00     |
| 22   | Acetophenone                | 40.000 | 43.454 | -8.6   | 103   | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 89.848 | -12.3  | 106   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 44.460 | -11.2  | 104   | 0.00     |
| 25   | Isophorone                  | 40.000 | 43.048 | -7.6   | 106   | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 45.321 | -13.3  | 109   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 44.292 | -10.7  | 104   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 43.392 | -8.5   | 106   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 42.684 | -6.7   | 100   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 43.539 | -8.8   | 104   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 43.038 | -7.6   | 105   | 0.00     |
| 32   | Benzoic acid                | 40.000 | 46.391 | -16.0  | 114   | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 44.175 | -10.4  | 103   | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 43.780 | -9.5   | 104   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 41.004 | -2.5   | 101   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 42.917 | -7.3   | 105   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 43.854 | -9.6   | 106   | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 43.108 | -7.8   | 105   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0    | 107   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 43.176 | -7.9   | 105   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 42.097 | -5.2   | 104   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 84.250 | -5.3   | 105   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 42.907 | -7.3   | 105   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 43.074 | -7.7   | 107   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 85.338 | -6.7   | 107   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 42.963 | -7.4   | 107   | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 42.063 | -5.2   | 106   | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092525\  
 Data File : BG064452.D  
 Acq On : 25 Sep 2025 20:49  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG092525

Quant Time: Sep 29 18:06:16 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 29 18:04:12 2025  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                   | Amount | Calc.  | %Dev  | Area% | Dev(min) |
|------|----------------------------|--------|--------|-------|-------|----------|
| 48   | 2-Nitroaniline             | 40.000 | 43.591 | -9.0  | 106   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 42.205 | -5.5  | 104   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 41.467 | -3.7  | 105   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 41.233 | -3.1  | 100   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 42.520 | -6.3  | 104   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 42.264 | -5.7  | 101   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 40.795 | -2.0  | 103   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 41.540 | -3.8  | 105   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 42.132 | -5.3  | 103   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 42.615 | -6.5  | 106   | 0.00     |
| 58   | Fluorene                   | 40.000 | 42.130 | -5.3  | 104   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 42.332 | -5.8  | 101   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 41.011 | -2.5  | 101   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 40.544 | -1.4  | 100   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 42.747 | -6.9  | 102   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 42.137 | -5.3  | 104   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 101   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 45.013 | -12.5 | 103   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 42.905 | -7.3  | 103   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 42.233 | -5.6  | 99    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 42.425 | -6.1  | 101   | 0.00     |
| 69   | Atrazine                   | 40.000 | 42.441 | -6.1  | 101   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 44.382 | -11.0 | 102   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 43.083 | -7.7  | 101   | 0.00     |
| 72   | Anthracene                 | 40.000 | 42.647 | -6.6  | 102   | 0.00     |
| 73   | Carbazole                  | 40.000 | 42.881 | -7.2  | 99    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 42.899 | -7.2  | 100   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 42.804 | -7.0  | 100   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 105   | 0.00     |
| 77   | Benzydine                  | 40.000 | 43.960 | -9.9  | 87    | 0.00     |
| 78   | Pyrene                     | 40.000 | 41.014 | -2.5  | 100   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 82.523 | -3.2  | 100   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 41.346 | -3.4  | 100   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 42.397 | -6.0  | 104   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 42.798 | -7.0  | 104   | 0.00     |
| 83   | Chrysene                   | 40.000 | 41.568 | -3.9  | 105   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 41.885 | -4.7  | 103   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 41.850 | -4.6  | 103   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 104   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 42.249 | -5.6  | 103   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 42.662 | -6.7  | 103   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 42.775 | -6.9  | 104   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 42.343 | -5.9  | 103   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 42.277 | -5.7  | 104   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 42.161 | -5.4  | 104   | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092525\  
Data File : BG064452.D  
Acq On : 25 Sep 2025 20:49  
Operator : RC/JU  
Sample : SSTDICV040  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG092525

Quant Time: Sep 29 18:06:16 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 29 18:04:12 2025  
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|----------|--------|-------|------|-------|----------|
|----------|--------|-------|------|-------|----------|

(#) = Out of Range

SPCC's out = 0 CCC's out = 0



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

6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: ROYF02Lab Code: ACESDG No.: Q3177Instrument ID: BNA\_PCalibration Date(s): 09/11/2025 09/11/2025Calibration Time(s): 08:56 15:20

| LAB FILE ID:          |        | RRF2.5 = BP025725.D |        | RRF005 = BP025726.D |        | RRF010 = BP025727.D |       |       |
|-----------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|
|                       |        | RRF020 = BP025728.D |        | RRF040 = BP025729.D |        | RRF060 = BP025731.D |       |       |
| COMPOUND              | RRF2.5 | RRF005              | RRF010 | RRF020              | RRF040 | RRF060              | RRF   | % RSD |
| Pyridine              |        | 1.376               | 1.317  | 1.526               | 1.566  | 1.400               | 1.432 | 6.2   |
| 2-Fluorophenol        |        | 1.139               | 1.123  | 1.320               | 1.362  | 1.238               | 1.240 | 7.2   |
| Phenol-d6             |        | 1.391               | 1.460  | 1.793               | 1.861  | 1.658               | 1.648 | 10.3  |
| 1,4-Dichlorobenzene   |        | 1.550               | 1.475  | 1.698               | 1.690  | 1.539               | 1.576 | 5.6   |
| 2-Methylphenol        |        | 0.973               | 1.030  | 1.268               | 1.319  | 1.185               | 1.171 | 10.7  |
| 3+4-Methylphenols     |        |                     | 1.352  | 1.721               | 1.819  | 1.625               | 1.640 | 9.6   |
| Nitrobenzene-d5       |        | 0.416               | 0.410  | 0.490               | 0.496  | 0.455               | 0.453 | 7.4   |
| Hexachloroethane      |        | 0.603               | 0.557  | 0.633               | 0.647  | 0.588               | 0.602 | 5.2   |
| Nitrobenzene          |        | 0.366               | 0.363  | 0.440               | 0.449  | 0.411               | 0.407 | 8.2   |
| Hexachlorobutadiene   |        | 0.226               | 0.219  | 0.247               | 0.242  | 0.226               | 0.229 | 5.0   |
| 2,4,6-Trichlorophenol |        | 0.340               | 0.354  | 0.435               | 0.445  | 0.409               | 0.398 | 9.9   |
| 2-Fluorobiphenyl      |        | 1.563               | 1.470  | 1.655               | 1.596  | 1.434               | 1.502 | 7.5   |
| 2,4,5-Trichlorophenol |        | 0.375               | 0.389  | 0.482               | 0.501  | 0.457               | 0.443 | 10.4  |
| 2,4-Dinitrotoluene    |        | 0.382               | 0.398  | 0.501               | 0.521  | 0.471               | 0.460 | 11.3  |
| 2,4,6-Tribromophenol  |        | 0.227               | 0.227  | 0.270               | 0.277  | 0.249               | 0.249 | 7.7   |
| Hexachlorobenzene     |        | 0.243               | 0.230  | 0.266               | 0.261  | 0.236               | 0.245 | 5.8   |
| Pentachlorophenol     |        |                     | 0.132  | 0.168               | 0.179  | 0.161               | 0.162 | 9.8   |
| Terphenyl-d14         |        | 1.133               | 1.093  | 1.198               | 1.177  | 1.054               | 1.112 | 5.8   |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

Method Path : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\  
 Method File : 8270E-BP091225.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 Last Update : Thu Sep 11 16:45:04 2025  
 Response Via : Initial Calibration

## Calibration Files

2.5 =BP025725.D 5 =BP025726.D 10 =BP025727.D 20 =BP025728.D 40 =BP025729.D 50 =BP025733.D 60 =BP025731.D 80 =BP025732.D

|       | Compound              | 2.5            | 5     | 10    | 20    | 40    | 50    | 60    | 80    | Avg   | %RSD  |
|-------|-----------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1) I  | 1,4-Dichlorobenzen... | -----ISTD----- |       |       |       |       |       |       |       |       |       |
| 2)    | 1,4-Dioxane           |                | 0.565 | 0.497 | 0.558 | 0.546 | 0.514 | 0.493 | 0.469 | 0.520 | 7.02  |
| 3)    | Pyridine              |                | 1.376 | 1.317 | 1.526 | 1.566 | 1.464 | 1.400 | 1.380 | 1.432 | 6.23  |
| 4)    | n-Nitrosodimet...     |                |       | 0.639 | 0.715 | 0.721 | 0.680 | 0.652 | 0.648 | 0.676 | 5.26  |
| 5) S  | 2-Fluorophenol        |                | 1.139 | 1.123 | 1.320 | 1.362 | 1.282 | 1.238 | 1.213 | 1.240 | 7.19  |
| 6)    | Aniline               |                | 1.980 | 1.981 | 2.462 | 2.509 | 2.372 | 2.265 | 2.263 | 2.262 | 9.42  |
| 7) S  | Phenol-d6             |                | 1.391 | 1.460 | 1.793 | 1.861 | 1.726 | 1.658 | 1.643 | 1.648 | 10.33 |
| 8)    | 2-Chlorophenol        |                | 1.229 | 1.196 | 1.448 | 1.508 | 1.410 | 1.366 | 1.361 | 1.360 | 8.28  |
| 9)    | Benzaldehyde          |                |       | 1.037 | 0.748 | 0.875 | 1.207 | 1.077 | 0.981 | 0.987 | 16.23 |
| 10) C | Phenol                |                | 1.512 | 1.525 | 1.848 | 1.964 | 1.819 | 1.751 | 1.741 | 1.737 | 9.59  |
| 11)   | bis(2-Chloroet...     |                | 1.313 | 1.222 | 1.508 | 1.555 | 1.438 | 1.368 | 1.365 | 1.396 | 8.20  |
| 12)   | 1,3-Dichlorobe...     |                | 1.550 | 1.447 | 1.662 | 1.674 | 1.548 | 1.489 | 1.464 | 1.548 | 5.87  |
| 13) C | 1,4-Dichlorobe...     |                | 1.550 | 1.475 | 1.698 | 1.690 | 1.590 | 1.539 | 1.492 | 1.576 | 5.63  |
| 14)   | 1,2-Dichlorobe...     |                | 1.529 | 1.432 | 1.634 | 1.653 | 1.542 | 1.485 | 1.445 | 1.531 | 5.64  |
| 15)   | Benzyl Alcohol        |                |       | 1.092 | 1.425 | 1.510 | 1.411 | 1.350 | 1.380 | 1.361 | 10.49 |
| 16)   | 2,2'-oxybis(1-...     |                | 2.241 | 2.133 | 2.476 | 2.493 | 2.291 | 2.164 | 2.179 | 2.282 | 6.47  |
| 17)   | 2-Methylphenol        |                | 0.973 | 1.030 | 1.268 | 1.319 | 1.231 | 1.185 | 1.192 | 1.171 | 10.72 |
| 18)   | Hexachloroethane      |                | 0.603 | 0.557 | 0.633 | 0.647 | 0.609 | 0.588 | 0.579 | 0.602 | 5.18  |
| 19) P | n-Nitroso-di-n...     | 0.961          | 1.032 | 1.047 | 1.300 | 1.320 | 1.230 | 1.151 | 1.151 | 1.149 | 11.29 |
| 20)   | 3+4-Methylphenols     |                |       | 1.352 | 1.721 | 1.819 | 1.693 | 1.625 | 1.633 | 1.640 | 9.62  |
| 21) I | Naphthalene-d8        | -----ISTD----- |       |       |       |       |       |       |       |       |       |
| 22)   | Acetophenone          |                | 0.474 | 0.488 | 0.583 | 0.588 | 0.550 | 0.538 | 0.520 | 0.534 | 8.19  |
| 23) S | Nitrobenzene-d5       |                | 0.416 | 0.410 | 0.490 | 0.496 | 0.467 | 0.455 | 0.440 | 0.453 | 7.43  |
| 24)   | Nitrobenzene          |                | 0.366 | 0.363 | 0.440 | 0.449 | 0.418 | 0.411 | 0.400 | 0.407 | 8.15  |
| 25)   | Isophorone            |                | 0.737 | 0.726 | 0.862 | 0.860 | 0.815 | 0.791 | 0.787 | 0.797 | 6.76  |
| 26) C | 2-Nitrophenol         |                | 0.141 | 0.154 | 0.190 | 0.203 | 0.193 | 0.192 | 0.192 | 0.181 | 12.86 |
| 27)   | 2,4-Dimethylph...     |                | 0.263 | 0.286 | 0.345 | 0.356 | 0.327 | 0.320 | 0.320 | 0.317 | 10.24 |
| 28)   | bis(2-Chloroet...     |                | 0.414 | 0.423 | 0.510 | 0.498 | 0.474 | 0.452 | 0.453 | 0.461 | 7.83  |
| 29) C | 2,4-Dichloroph...     |                | 0.267 | 0.270 | 0.339 | 0.349 | 0.337 | 0.327 | 0.323 | 0.316 | 10.66 |
| 30)   | 1,2,4-Trichlor...     |                | 0.355 | 0.335 | 0.377 | 0.378 | 0.357 | 0.346 | 0.343 | 0.356 | 4.60  |
| 31)   | Naphthalene           |                | 1.072 | 1.028 | 1.164 | 1.147 | 1.084 | 1.044 | 1.010 | 1.078 | 5.41  |
| 32)   | Benzoic acid          |                |       | 0.170 | 0.214 | 0.261 | 0.253 | 0.257 | 0.259 | 0.236 | 15.62 |
| 33)   | 4-Chloroaniline       |                | 0.343 | 0.391 | 0.489 | 0.510 | 0.477 | 0.465 | 0.471 | 0.449 | 13.27 |
| 34) C | Hexachlorobuta...     |                | 0.226 | 0.219 | 0.247 | 0.242 | 0.227 | 0.226 | 0.217 | 0.229 | 4.97  |
| 35)   | Caprolactam           |                |       | 0.105 | 0.127 | 0.132 | 0.123 | 0.120 | 0.123 | 0.122 | 7.52  |
| 36) C | 4-Chloro-3-met...     |                | 0.328 | 0.338 | 0.406 | 0.414 | 0.394 | 0.377 | 0.380 | 0.377 | 8.72  |
| 37)   | 2-Methylnaphth...     |                | 0.662 | 0.639 | 0.758 | 0.747 | 0.698 | 0.677 | 0.666 | 0.693 | 6.47  |
| 38)   | 1-Methylnaphth...     |                | 0.726 | 0.691 | 0.807 | 0.800 | 0.731 | 0.713 | 0.703 | 0.739 | 6.25  |

Method Path : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\  
 Method File : 8270E-BP091225.M

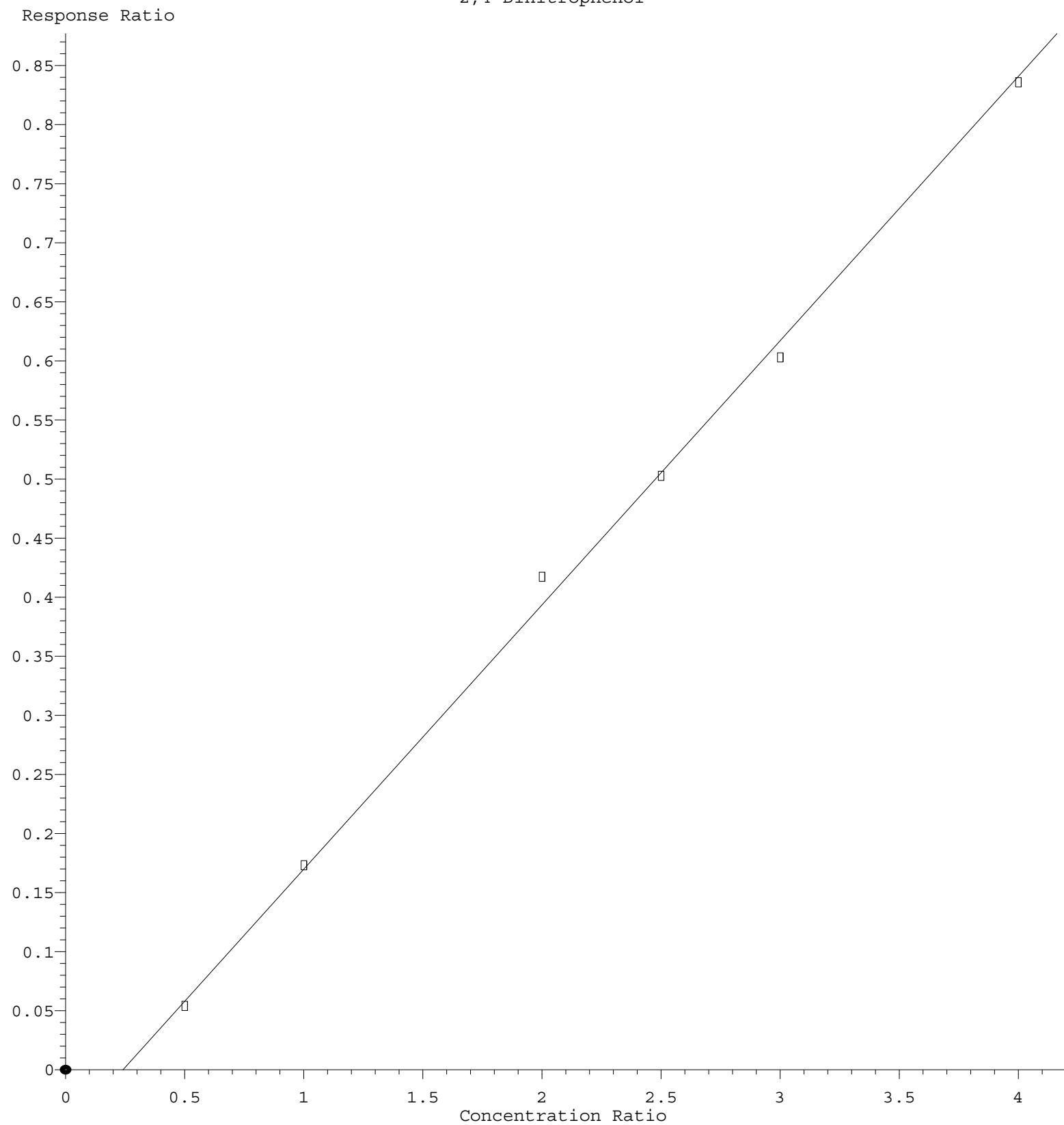
|       |                   |                |       |       |       |       |       |       |       |       |
|-------|-------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 39) I | Acenaphthene-d10  | -----ISTD----- |       |       |       |       |       |       |       |       |
| 40)   | 1,2,4,5-Tetrac... | 0.590          | 0.561 | 0.653 | 0.660 | 0.607 | 0.604 | 0.568 | 0.606 | 6.33  |
| 41) P | Hexachlorocycl... | 0.225          | 0.326 | 0.380 | 0.351 | 0.347 | 0.351 | 0.330 |       | 16.40 |
| 42) S | 2,4,6-Tribromo... | 0.227          | 0.227 | 0.270 | 0.277 | 0.250 | 0.249 | 0.246 | 0.249 | 7.67  |
| 43) C | 2,4,6-Trichlor... | 0.340          | 0.354 | 0.435 | 0.445 | 0.409 | 0.409 | 0.397 | 0.398 | 9.86  |
| 44)   | 2,4,5-Trichlor... | 0.375          | 0.389 | 0.482 | 0.501 | 0.459 | 0.457 | 0.441 | 0.443 | 10.43 |
| 45) S | 2-Fluorobiphenyl  | 1.563          | 1.470 | 1.655 | 1.596 | 1.479 | 1.434 | 1.318 | 1.502 | 7.50  |
| 46)   | 1,1'-Biphenyl     | 1.458          | 1.375 | 1.599 | 1.587 | 1.465 | 1.425 | 1.366 | 1.468 | 6.37  |
| 47)   | 2-Chloronaphth... | 1.140          | 1.090 | 1.252 | 1.240 | 1.164 | 1.132 | 1.073 | 1.156 | 5.96  |
| 48)   | 2-Nitroaniline    | 0.309          | 0.332 | 0.416 | 0.439 | 0.399 | 0.402 | 0.401 | 0.385 | 12.14 |
| 49)   | Acenaphthylene    | 1.877          | 1.791 | 2.095 | 2.058 | 1.904 | 1.871 | 1.810 | 1.915 | 6.12  |
| 50)   | Dimethylphthalate | 1.545          | 1.433 | 1.682 | 1.659 | 1.493 | 1.446 | 1.430 | 1.527 | 6.95  |
| 51)   | 2,6-Dinitrotol... | 0.286          | 0.291 | 0.353 | 0.358 | 0.329 | 0.330 | 0.318 | 0.324 | 8.57  |
| 52) C | Acenaphthene      | 1.129          | 1.052 | 1.207 | 1.195 | 1.084 | 1.055 | 1.010 | 1.104 | 6.80  |
| 53)   | 3-Nitroaniline    | 0.266          | 0.282 | 0.370 | 0.394 | 0.358 | 0.357 | 0.355 | 0.340 | 13.91 |
| 54) P | 2,4-Dinitrophenol | 0.108          | 0.173 | 0.209 | 0.201 | 0.201 | 0.209 | 0.183 |       | 21.35 |
| 55)   | Dibenzofuran      | 1.834          | 1.754 | 1.967 | 1.922 | 1.766 | 1.719 | 1.640 | 1.800 | 6.39  |
| 56) P | 4-Nitrophenol     | 0.148          | 0.255 | 0.307 | 0.273 | 0.280 | 0.288 | 0.258 |       | 22.01 |
| 57)   | 2,4-Dinitrotol... | 0.382          | 0.398 | 0.501 | 0.521 | 0.484 | 0.471 | 0.467 | 0.460 | 11.27 |
| 58)   | Fluorene          | 1.485          | 1.382 | 1.579 | 1.546 | 1.385 | 1.350 | 1.292 | 1.431 | 7.46  |
| 59)   | 2,3,4,6-Tetrac... | 0.362          | 0.361 | 0.434 | 0.446 | 0.404 | 0.393 | 0.395 | 0.399 | 8.21  |
| 60)   | Diethylphthalate  | 1.573          | 1.472 | 1.697 | 1.644 | 1.518 | 1.473 | 1.465 | 1.549 | 5.98  |
| 61)   | 4-Chlorophenyl... | 0.755          | 0.699 | 0.791 | 0.769 | 0.704 | 0.681 | 0.651 | 0.721 | 7.07  |
| 62)   | 4-Nitroaniline    | 0.258          | 0.281 | 0.381 | 0.404 | 0.373 | 0.376 | 0.365 | 0.349 | 15.91 |
| 63)   | Azobenzene        | 1.421          | 1.383 | 1.648 | 1.643 | 1.510 | 1.468 | 1.410 | 1.498 | 7.29  |
| 64) I | Phenanthrene-d10  | -----ISTD----- |       |       |       |       |       |       |       |       |
| 65)   | 4,6-Dinitro-2-... | 0.093          | 0.135 | 0.151 | 0.143 | 0.137 | 0.139 | 0.133 |       | 15.14 |
| 66) c | n-Nitrosodiphe... | 0.597          | 0.573 | 0.681 | 0.664 | 0.628 | 0.594 | 0.547 | 0.612 | 7.88  |
| 67)   | 4-Bromophenyl-... | 0.213          | 0.202 | 0.240 | 0.238 | 0.226 | 0.213 | 0.205 | 0.220 | 6.85  |
| 68)   | Hexachlorobenzene | 0.243          | 0.230 | 0.266 | 0.261 | 0.248 | 0.236 | 0.231 | 0.245 | 5.77  |
| 69)   | Atrazine          | 0.215          | 0.210 | 0.260 | 0.260 | 0.240 | 0.227 | 0.227 | 0.234 | 8.54  |
| 70) C | Pentachlorophenol | 0.132          | 0.168 | 0.179 | 0.167 | 0.161 | 0.163 | 0.162 |       | 9.85  |
| 71)   | Phenanthrene      | 1.163          | 1.095 | 1.247 | 1.213 | 1.131 | 1.065 | 1.027 | 1.135 | 6.96  |
| 72)   | Anthracene        | 1.120          | 1.086 | 1.280 | 1.237 | 1.183 | 1.107 | 1.044 | 1.151 | 7.39  |
| 73)   | Carbazole         | 0.994          | 0.998 | 1.185 | 1.173 | 1.105 | 1.038 | 0.999 | 1.070 | 7.82  |
| 74)   | Di-n-butylphth... | 1.232          | 1.213 | 1.468 | 1.438 | 1.339 | 1.281 | 1.220 | 1.313 | 8.00  |
| 75) C | Fluoranthene      | 1.387          | 1.294 | 1.511 | 1.447 | 1.351 | 1.293 | 1.242 | 1.361 | 6.96  |
| 76) I | Chrysene-d12      | -----ISTD----- |       |       |       |       |       |       |       |       |
| 77)   | Benzidine         | 0.523          | 0.537 | 0.653 | 0.631 | 0.578 | 0.536 | 0.576 |       | 9.47  |
| 78)   | Pyrene            | 1.307          | 1.243 | 1.444 | 1.430 | 1.337 | 1.308 | 1.274 | 1.335 | 5.71  |
| 79) S | Terphenyl-d14     | 1.133          | 1.093 | 1.198 | 1.177 | 1.111 | 1.054 | 1.017 | 1.112 | 5.78  |
| 80)   | Butylbenzylpht... | 0.519          | 0.511 | 0.636 | 0.647 | 0.608 | 0.587 | 0.588 | 0.585 | 9.02  |
| 81)   | Benzo(a)anthra... | 1.346          | 1.302 | 1.471 | 1.453 | 1.378 | 1.330 | 1.305 | 1.369 | 5.02  |
| 82)   | 3,3'-Dichlorob... | 0.425          | 0.499 | 0.518 | 0.488 | 0.468 | 0.442 | 0.473 |       | 7.45  |
| 83)   | Chrysene          | 1.316          | 1.253 | 1.397 | 1.375 | 1.317 | 1.268 | 1.210 | 1.305 | 5.11  |
| 84)   | Bis(2-ethylhex... | 0.800          | 0.781 | 0.930 | 0.945 | 0.861 | 0.857 | 0.818 | 0.856 | 7.31  |
| 85) c | Di-n-octyl pht... | 1.315          | 1.604 | 1.670 | 1.531 | 1.513 | 1.504 | 1.523 |       | 7.87  |

Method Path : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\  
Method File : 8270E-BP091225.M

|       |                   | -----ISTD----- |       |       |       |       |       |       |       |      |
|-------|-------------------|----------------|-------|-------|-------|-------|-------|-------|-------|------|
| 86) I | Perylene-d12      |                |       |       |       |       |       |       |       |      |
| 87)   | Indeno(1,2,3-c... | 1.340          | 1.334 | 1.533 | 1.596 | 1.506 | 1.485 | 1.386 | 1.454 | 6.99 |
| 88)   | Benzo(b)fluora... | 1.124          | 1.145 | 1.304 | 1.336 | 1.252 | 1.216 | 1.186 | 1.223 | 6.45 |
| 89)   | Benzo(k)fluora... | 1.228          | 1.170 | 1.367 | 1.341 | 1.258 | 1.220 | 1.151 | 1.248 | 6.51 |
| 90) C | Benzo(a)pyrene    | 1.131          | 1.100 | 1.276 | 1.307 | 1.221 | 1.208 | 1.141 | 1.198 | 6.45 |
| 91)   | Dibenzo(a,h)an... | 1.116          | 1.075 | 1.254 | 1.297 | 1.239 | 1.208 | 1.143 | 1.190 | 6.79 |
| 92)   | Benzo(g,h,i)pe... | 1.090          | 1.078 | 1.225 | 1.267 | 1.210 | 1.197 | 1.125 | 1.170 | 6.20 |

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

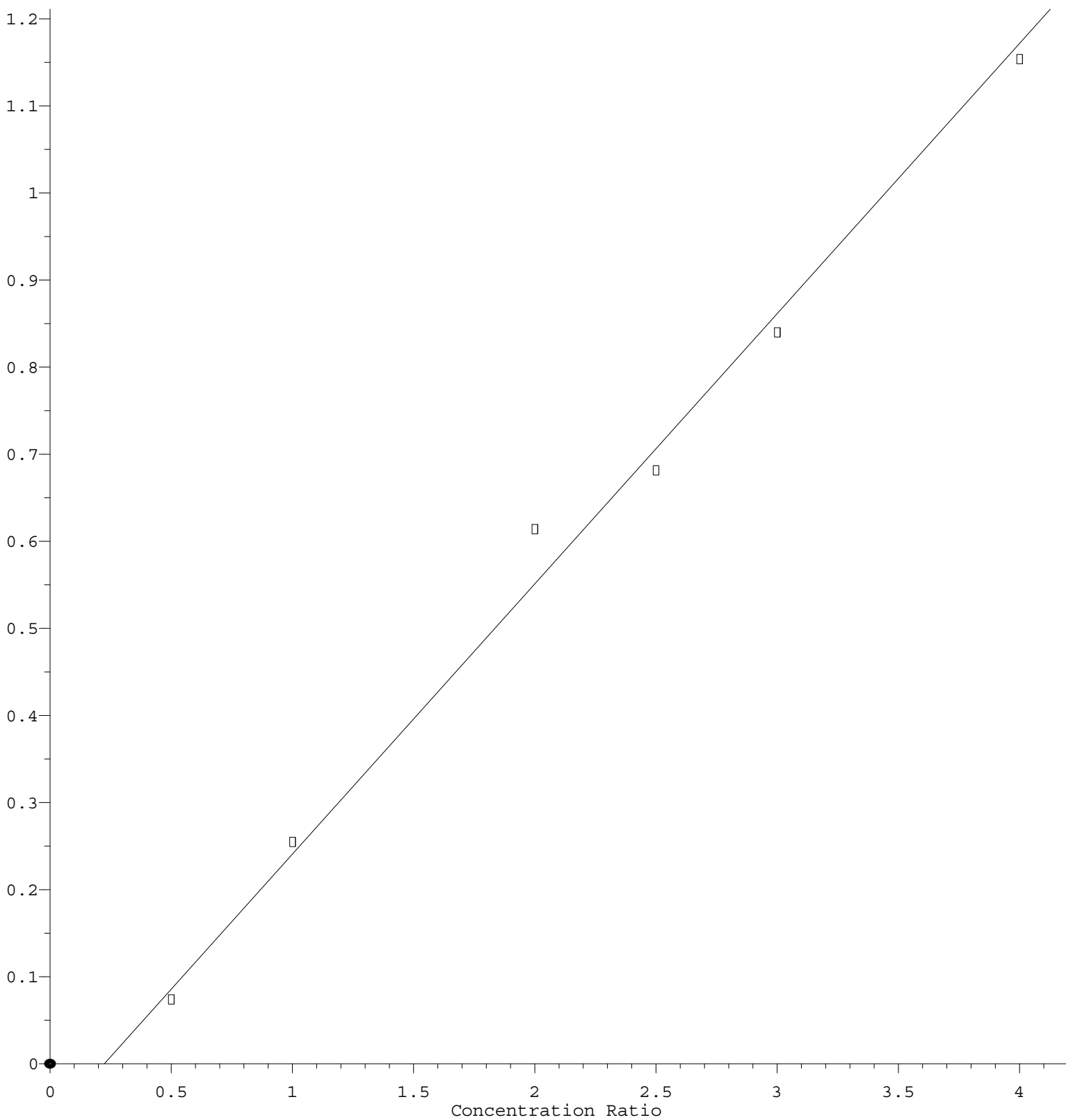
# 2,4-Dinitrophenol



Response =  $2.238 \times 10^{-1} \times \text{Amt} - 5.399 \times 10^{-2}$   
 Coef of Det ( $r^2$ ) = 0.998392    Curve Fit: wlr(1/a)  
 Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP091225.M  
 Calibration Table Last Updated: Thu Sep 11 16:45:04 2025

# 4-Nitrophenol

Response Ratio



$$\text{Response} = 3.103\text{e-}001 * \text{Amt} - 6.955\text{e-}002$$

Coef of Det ( $r^2$ ) = 0.993923 Curve Fit: wlr(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP091225.M

Calibration Table Last Updated: Thu Sep 11 16:45:04 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025725.D  
 Acq On : 11 Sep 2025 08:56  
 Operator : CG/JU  
 Sample : SSTDICC2.5  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC2.5

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:18:41 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:16:10 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.737  | 152  | 120353   | 20.000 | ng    | -0.02    |
| 21) Naphthalene-d8            | 10.513 | 136  | 495839   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10          | 14.372 | 164  | 354286   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.183 | 188  | 772731   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.624 | 240  | 878437   | 20.000 | ng    | -0.02    |
| 86) Perylene-d12              | 25.001 | 264  | 947867   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 0.000  | 112  | 0d       | 0.000  | ng    |          |
| 7) Phenol-d6                  | 0.000  | 99   | 0d       | 0.000  | ng    |          |
| 23) Nitrobenzene-d5           | 0.000  | 82   | 0d       | 0.000  | ng    |          |
| 42) 2,4,6-Tribromophenol      | 0.000  | 330  | 0d       | 0.000  | ng    |          |
| 45) 2-Fluorobiphenyl          | 0.000  | 172  | 0d       | 0.000  | ng    |          |
| 79) Terphenyl-d14             | 0.000  | 244  | 0d       | 0.000  | ng    |          |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       |          |
| 19) n-Nitroso-di-n-propyla... | 8.549  | 70   | 14459m   | 2.116  | ng    | Qvalue   |
| -----                         |        |      |          |        |       |          |

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

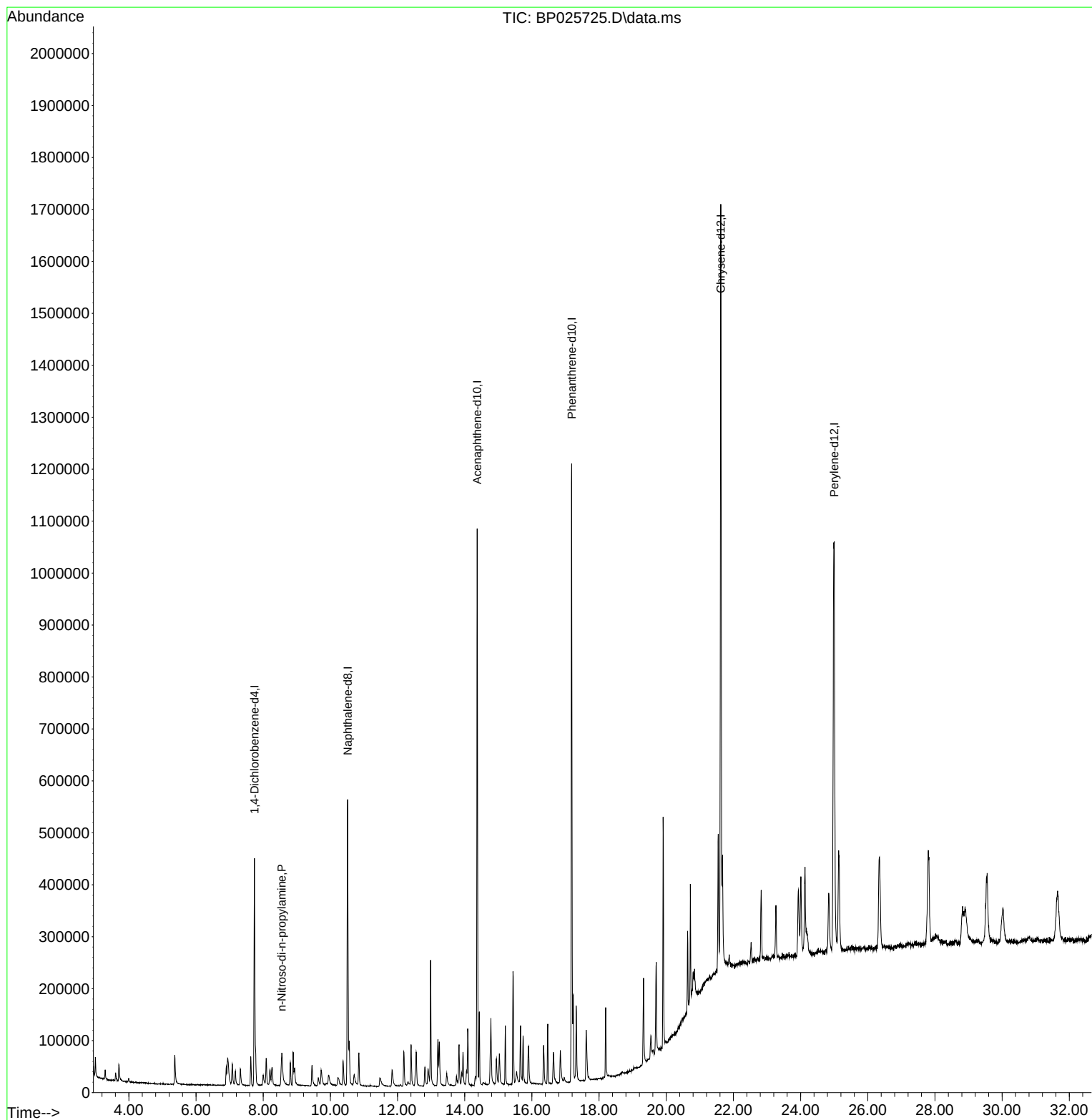
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
Data File : BP025725.D  
Acq On : 11 Sep 2025 08:56  
Operator : CG/JU  
Sample : SSTDICC2.5  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC2.5

Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:18:41 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 16:16:10 2025  
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025726.D  
 Acq On : 11 Sep 2025 09:37  
 Operator : CG/JU  
 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC005

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:19:43 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:16:10 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.760  | 152  | 118553   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.531 | 136  | 483637   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.372 | 164  | 340469   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.184 | 188  | 730553   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.630 | 240  | 824671   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12              | 24.995 | 264  | 899115   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.390  | 112  | 67503    | 9.187  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.949  | 99   | 82479    | 8.446  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.907  | 82   | 100673   | 9.182  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.907 | 330  | 38610    | 9.092  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.990 | 172  | 266136   | 10.408 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.901 | 244  | 466997   | 10.187 | ng    | -0.01    |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.308  | 88   | 16745    | 5.430  | ng    | 98       |
| 3) Pyridine                   | 3.714  | 79   | 40793    | 4.804  | ng    | 97       |
| 6) Aniline                    | 7.096  | 93   | 58671    | 4.376  | ng    | 96       |
| 8) 2-Chlorophenol             | 7.337  | 128  | 36433    | 4.520  | ng    | 97       |
| 10) Phenol                    | 6.978  | 94   | 44799    | 4.350  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.184  | 93   | 38920    | 4.704  | ng    | 94       |
| 12) 1,3-Dichlorobenzene       | 7.649  | 146  | 45950    | 5.009  | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 7.796  | 146  | 45935    | 4.916  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.113  | 146  | 45308    | 4.991  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.272  | 45   | 66422    | 4.909  | ng    | 94       |
| 17) 2-Methylphenol            | 8.208  | 107  | 28845    | 4.155  | ng    | 97       |
| 18) Hexachloroethane          | 8.825  | 117  | 17883    | 5.010  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.555  | 70   | 30598    | 4.546  | ng    | 100      |
| 22) Acetophenone              | 8.578  | 105  | 57314    | 4.434  | ng    | # 96     |
| 24) Nitrobenzene              | 8.949  | 77   | 44286    | 4.502  | ng    | 98       |
| 25) Isophorone                | 9.466  | 82   | 89058    | 4.621  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.660  | 139  | 17076    | 3.910  | ng    | 92       |
| 27) 2,4-Dimethylphenol        | 9.731  | 122  | 31764    | 4.146  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 9.954  | 93   | 50074    | 4.495  | ng    | 96       |
| 29) 2,4-Dichlorophenol        | 10.219 | 162  | 32238    | 4.220  | ng    | 92       |
| 30) 1,2,4-Trichlorobenzene    | 10.396 | 180  | 42918    | 4.985  | ng    | 96       |
| 31) Naphthalene               | 10.584 | 128  | 129655   | 4.972  | ng    | 100      |
| 33) 4-Chloroaniline           | 10.707 | 127  | 41517    | 3.820  | ng    | 96       |
| 34) Hexachlorobutadiene       | 10.866 | 225  | 27333    | 4.932  | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 11.837 | 107  | 39611    | 4.350  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.190 | 142  | 80091    | 4.782  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.407 | 142  | 87800    | 4.916  | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 12.566 | 216  | 50181    | 4.864  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.819 | 196  | 28904    | 4.262  | ng    | 95       |
| 44) 2,4,5-Trichlorophenol     | 12.901 | 196  | 31943    | 4.232  | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.201 | 154  | 124080   | 4.965  | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.248 | 162  | 97044    | 4.932  | ng    | 96       |
| 48) 2-Nitroaniline            | 13.460 | 65   | 26322    | 4.013  | ng    | 95       |
| 49) Acenaphthylene            | 14.095 | 152  | 159767   | 4.900  | ng    | 99       |
| 50) Dimethylphthalate         | 13.831 | 163  | 131492   | 5.059  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.948 | 165  | 24324    | 4.417  | ng    | # 81     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025726.D  
 Acq On : 11 Sep 2025 09:37  
 Operator : CG/JU  
 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC005

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:19:43 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:16:10 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 52) Acenaphthene              | 14.437 | 154  | 96066    | 5.109 | ng    | 97       |
| 53) 3-Nitroaniline            | 14.301 | 138  | 22660    | 3.913 | ng    | 94       |
| 55) Dibenzofuran              | 14.784 | 168  | 156097   | 5.094 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 14.748 | 165  | 32480    | 4.144 | ng    | 90       |
| 58) Fluorene                  | 15.442 | 166  | 126434   | 5.189 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.025 | 232  | 30771    | 4.525 | ng    | 96       |
| 60) Diethylphthalate          | 15.213 | 149  | 133865   | 5.077 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.437 | 204  | 64305    | 5.236 | ng    | 96       |
| 62) 4-Nitroaniline            | 15.489 | 138  | 21996m   | 3.710 | ng    |          |
| 63) Azobenzene                | 15.737 | 77   | 120979   | 4.745 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.660 | 169  | 108999   | 4.875 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.354 | 248  | 38933    | 4.851 | ng    | 99       |
| 68) Hexachlorobenzene         | 16.472 | 284  | 44390    | 4.960 | ng    | 98       |
| 69) Atrazine                  | 16.642 | 200  | 39255    | 4.593 | ng    | 96       |
| 71) Phenanthrene              | 17.225 | 178  | 212489   | 5.127 | ng    | 99       |
| 72) Anthracene                | 17.325 | 178  | 204585   | 4.866 | ng    | 99       |
| 73) Carbazole                 | 17.619 | 167  | 181532   | 4.644 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.195 | 149  | 225100   | 4.692 | ng    | 100      |
| 75) Fluoranthene              | 19.319 | 202  | 253297   | 5.096 | ng    | 100      |
| 78) Pyrene                    | 19.701 | 202  | 269369   | 4.895 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.630 | 149  | 107059   | 4.437 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.607 | 228  | 277557   | 4.916 | ng    | 99       |
| 83) Chrysene                  | 21.683 | 228  | 271250   | 5.040 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.542 | 149  | 164937   | 4.673 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.801 | 276  | 301229   | 4.607 | ng    | # 89     |
| 88) Benzo(b)fluoranthene      | 23.913 | 252  | 252672   | 4.595 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.983 | 252  | 275940   | 4.918 | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.824 | 252  | 254148   | 4.720 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 28.877 | 278  | 250801   | 4.687 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 29.983 | 276  | 245079   | 4.657 | ng    | 97       |

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

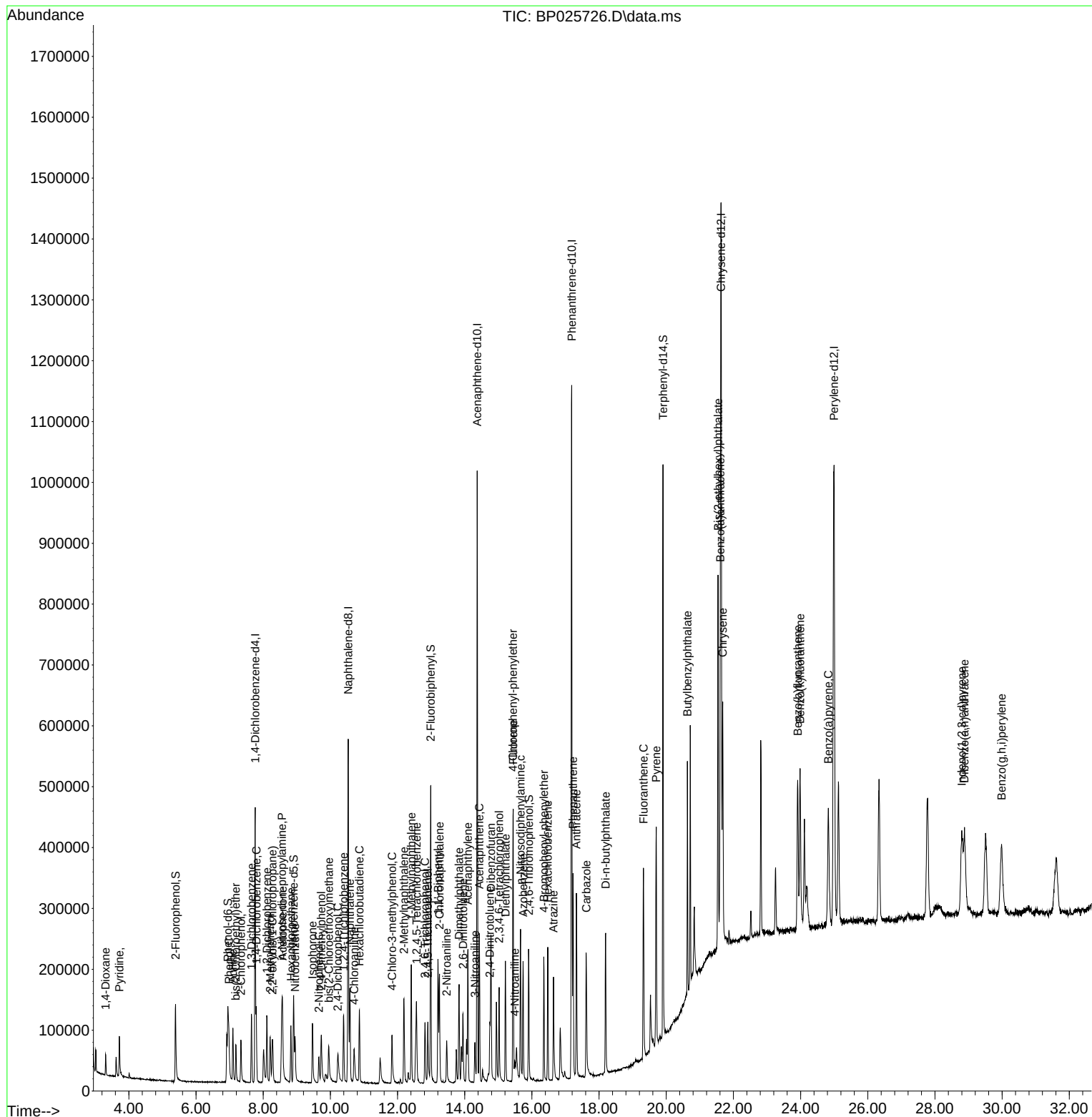
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
Data File : BP025726.D  
Acq On : 11 Sep 2025 09:37  
Operator : CG/JU  
Sample : SSTDICC005  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**  
BNA\_P  
**ClientSampleId :**  
SSTDICC005

## Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:19:43 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 16:16:10 2025  
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025727.D  
 Acq On : 11 Sep 2025 10:18  
 Operator : CG/JU  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC010

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:20:47 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:16:10 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.760  | 152  | 130279   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.525 | 136  | 533074   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.366 | 164  | 373569   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.183 | 188  | 783581   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.636 | 240  | 866064   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.989 | 264  | 954952   | 20.000 | ng    | -0.01    |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.390  | 112  | 146309   | 18.121 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.949  | 99   | 190237   | 17.726 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.902  | 82   | 218368   | 18.070 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.895 | 330  | 84835    | 18.207 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 12.984 | 172  | 548995   | 19.568 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.907 | 244  | 946504   | 19.661 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.308  | 88   | 32347    | 9.545  | ng    | 98       |
| 3) Pyridine                   | 3.714  | 79   | 85764    | 9.191  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.619  | 42   | 41618    | 9.452  | ng    | 98       |
| 6) Aniline                    | 7.096  | 93   | 129012   | 8.757  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.337  | 128  | 77937    | 8.799  | ng    | 98       |
| 9) Benzaldehyde               | 6.913  | 77   | 67547m   | 10.513 | ng    |          |
| 10) Phenol                    | 6.978  | 94   | 99362    | 8.781  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.190  | 93   | 79609    | 8.756  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.649  | 146  | 94257    | 9.350  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.796  | 146  | 96090    | 9.357  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.107  | 146  | 93300    | 9.352  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.007  | 79   | 71103    | 8.018  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.278  | 45   | 138959   | 9.346  | ng    | 98       |
| 17) 2-Methylphenol            | 8.207  | 107  | 67077    | 8.792  | ng    | 99       |
| 18) Hexachloroethane          | 8.831  | 117  | 36252    | 9.242  | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 8.554  | 70   | 68213    | 9.222  | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.537  | 107  | 88058    | 8.241  | ng    | 99       |
| 22) Acetophenone              | 8.572  | 105  | 130184   | 9.138  | ng    | # 97     |
| 24) Nitrobenzene              | 8.943  | 77   | 96781    | 8.927  | ng    | 97       |
| 25) Isophorone                | 9.466  | 82   | 193432   | 9.106  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.654  | 139  | 41028    | 8.524  | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 9.719  | 122  | 76321    | 9.038  | ng    | 94       |
| 28) bis(2-Chloroethoxy)met... | 9.937  | 93   | 112758   | 9.183  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.207 | 162  | 71856    | 8.535  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 10.390 | 180  | 89376    | 9.419  | ng    | 99       |
| 31) Naphthalene               | 10.572 | 128  | 274007   | 9.533  | ng    | 99       |
| 32) Benzoic acid              | 9.837  | 122  | 45191m   | 7.198  | ng    |          |
| 33) 4-Chloroaniline           | 10.696 | 127  | 104287   | 8.705  | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.860 | 225  | 58279    | 9.541  | ng    | 98       |
| 35) Caprolactam               | 11.466 | 113  | 28000m   | 8.645  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.825 | 107  | 90104    | 8.976  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.184 | 142  | 170398   | 9.230  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.401 | 142  | 184127   | 9.353  | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 12.554 | 216  | 104709   | 9.250  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.531 | 237  | 42087    | 6.826  | ng    | 94       |
| 43) 2,4,6-Trichlorophenol     | 12.807 | 196  | 66063    | 8.877  | ng    | 98       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025727.D  
 Acq On : 11 Sep 2025 10:18  
 Operator : CG/JU  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC010

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:20:47 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:16:10 2025  
 Response via : Initial Calibration

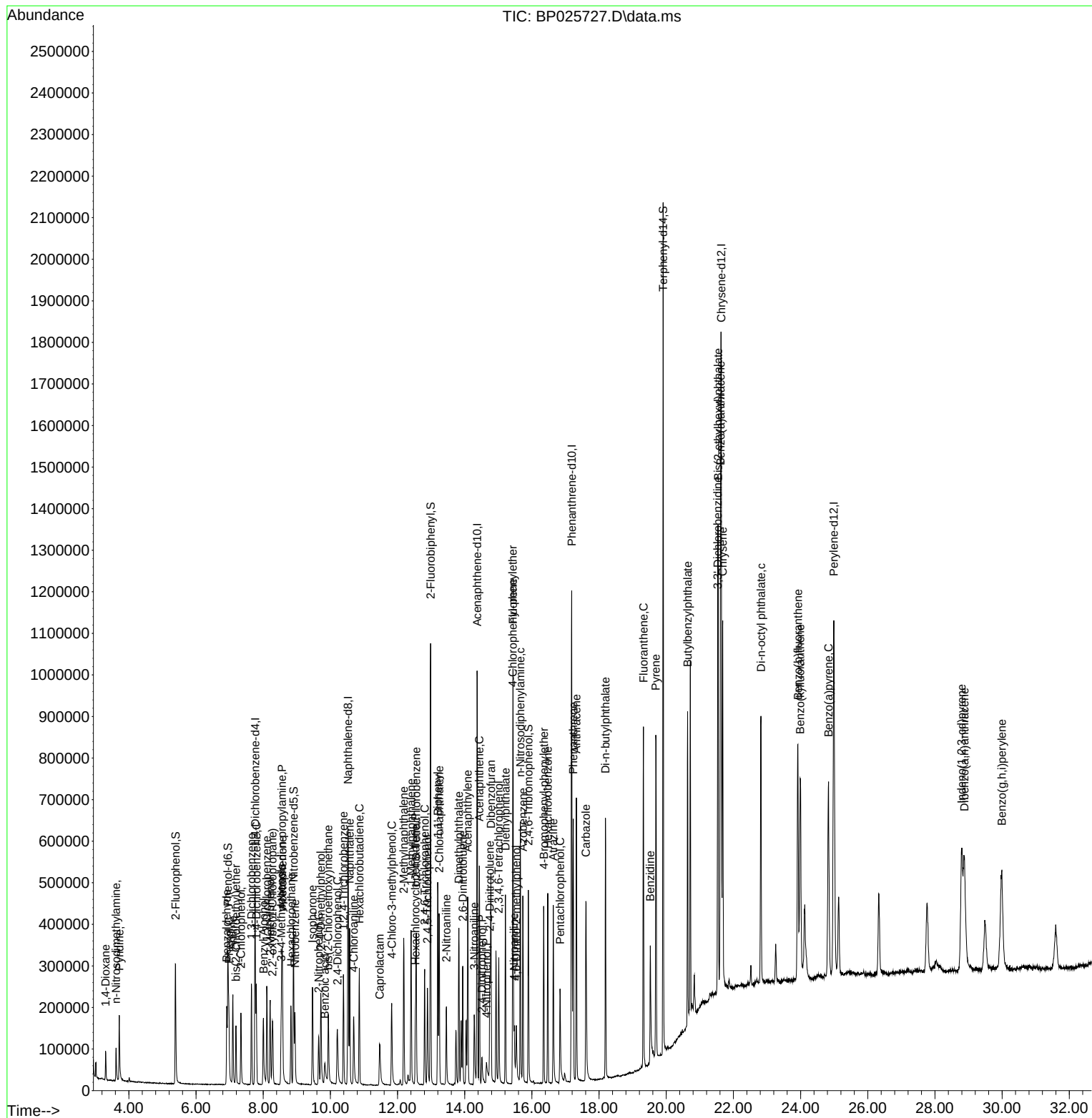
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.890 | 196  | 72578    | 8.763 | ng    | 95       |
| 46) 1,1'-Biphenyl             | 13.195 | 154  | 256914   | 9.370 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.242 | 162  | 203648   | 9.432 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.454 | 65   | 61991    | 8.613 | ng    | 97       |
| 49) Acenaphthylene            | 14.089 | 152  | 334623   | 9.354 | ng    | 99       |
| 50) Dimethylphthalate         | 13.825 | 163  | 267725   | 9.387 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.942 | 165  | 54414    | 9.005 | ng    | 99       |
| 52) Acenaphthene              | 14.437 | 154  | 196467   | 9.523 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.284 | 138  | 52642    | 8.285 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.513 | 184  | 20208    | 9.658 | ng    | 96       |
| 55) Dibenzofuran              | 14.778 | 168  | 327607   | 9.743 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.648 | 139  | 27599    | 9.243 | ng    | 88       |
| 57) 2,4-Dinitrotoluene        | 14.748 | 165  | 74291    | 8.639 | ng    | 99       |
| 58) Fluorene                  | 15.436 | 166  | 258111   | 9.654 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.013 | 232  | 67402    | 9.034 | ng    | 100      |
| 60) Diethylphthalate          | 15.213 | 149  | 274993   | 9.505 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.431 | 204  | 130552   | 9.689 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.472 | 138  | 52570    | 8.082 | ng    | 94       |
| 63) Azobenzene                | 15.731 | 77   | 258320   | 9.235 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.536 | 198  | 36614    | 7.026 | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 15.654 | 169  | 224671   | 9.369 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.354 | 248  | 79245    | 9.206 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.472 | 284  | 90039    | 9.379 | ng    | 99       |
| 69) Atrazine                  | 16.636 | 200  | 82175    | 8.965 | ng    | 98       |
| 70) Pentachlorophenol         | 16.836 | 266  | 51635    | 8.150 | ng    | 93       |
| 71) Phenanthrene              | 17.230 | 178  | 429178   | 9.655 | ng    | 99       |
| 72) Anthracene                | 17.325 | 178  | 425513   | 9.435 | ng    | 98       |
| 73) Carbazole                 | 17.607 | 167  | 390923   | 9.323 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.189 | 149  | 475436   | 9.240 | ng    | 99       |
| 75) Fluoranthene              | 19.319 | 202  | 507116   | 9.513 | ng    | 100      |
| 77) Benzidine                 | 19.525 | 184  | 226459   | 9.078 | ng    | 100      |
| 78) Pyrene                    | 19.689 | 202  | 538053   | 9.311 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.636 | 149  | 221238   | 8.731 | ng    | 95       |
| 81) Benzo(a)anthracene        | 21.613 | 228  | 563687   | 9.507 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.530 | 252  | 184095   | 8.980 | ng    | 100      |
| 83) Chrysene                  | 21.683 | 228  | 542537   | 9.599 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.542 | 149  | 338402   | 9.129 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.818 | 149  | 569524   | 8.637 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.789 | 276  | 637024   | 9.173 | ng    | # 85     |
| 88) Benzo(b)fluoranthene      | 23.918 | 252  | 546577   | 9.360 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.989 | 252  | 558830   | 9.378 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.830 | 252  | 525444   | 9.188 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.871 | 278  | 513228   | 9.031 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 29.995 | 276  | 514884   | 9.213 | ng    | 99       |

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

**Instrument :**  
BNA\_P  
**ClientSampleId :**  
SSTDICC010

## Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025728.D  
 Acq On : 11 Sep 2025 10:59  
 Operator : CG/JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC020

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:21:50 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:16:10 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.761  | 152  | 143999   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.525 | 136  | 606294   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.378 | 164  | 418871   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.184 | 188  | 862789   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.630 | 240  | 931523   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12              | 25.013 | 264  | 988151   | 20.000 | ng    | 0.01     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.384  | 112  | 380187   | 42.601 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.943  | 99   | 516495   | 43.542 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.902  | 82   | 594129   | 43.226 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.901 | 330  | 226554   | 43.363 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.990 | 172  | 1386426  | 44.072 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.901 | 244  | 2231186  | 43.089 | ng    | -0.01    |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.308  | 88   | 80281    | 21.433 | ng    | 99       |
| 3) Pyridine                   | 3.708  | 79   | 219692   | 21.301 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.614  | 42   | 103000   | 21.164 | ng    | 100      |
| 6) Aniline                    | 7.096  | 93   | 354574   | 21.775 | ng    | 100      |
| 8) 2-Chlorophenol             | 7.337  | 128  | 208475   | 21.294 | ng    | 99       |
| 9) Benzaldehyde               | 6.914  | 77   | 107710m  | 15.166 | ng    |          |
| 10) Phenol                    | 6.972  | 94   | 266163   | 21.280 | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.190  | 93   | 217190   | 21.613 | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.649  | 146  | 239289   | 21.475 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.790  | 146  | 244577   | 21.548 | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.108  | 146  | 235224   | 21.333 | ng    | 98       |
| 15) Benzyl Alcohol            | 8.002  | 79   | 205181   | 20.933 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.272  | 45   | 356609   | 21.700 | ng    | 99       |
| 17) 2-Methylphenol            | 8.202  | 107  | 182618   | 21.655 | ng    | 100      |
| 18) Hexachloroethane          | 8.825  | 117  | 91098    | 21.012 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 8.555  | 70   | 187222   | 22.899 | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.525  | 107  | 247752   | 20.978 | ng    | 98       |
| 22) Acetophenone              | 8.572  | 105  | 353588   | 21.823 | ng    | # 98     |
| 24) Nitrobenzene              | 8.943  | 77   | 266699   | 21.629 | ng    | 98       |
| 25) Isophorone                | 9.466  | 82   | 522705   | 21.636 | ng    | 100      |
| 26) 2-Nitrophenol             | 9.649  | 139  | 115173   | 21.038 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 9.713  | 122  | 208989   | 21.760 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 9.937  | 93   | 309508   | 22.163 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.190 | 162  | 205319   | 21.441 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.390 | 180  | 228468   | 21.170 | ng    | 97       |
| 31) Naphthalene               | 10.578 | 128  | 705465   | 21.579 | ng    | 100      |
| 32) Benzoic acid              | 9.843  | 122  | 129745   | 18.170 | ng    | 99       |
| 33) 4-Chloroaniline           | 10.690 | 127  | 296539   | 21.763 | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.860 | 225  | 149942   | 21.583 | ng    | 99       |
| 35) Caprolactam               | 11.472 | 113  | 76940    | 20.887 | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 11.819 | 107  | 245998   | 21.548 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.184 | 142  | 459751   | 21.896 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.413 | 142  | 489270   | 21.851 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.554 | 216  | 273360   | 21.536 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.537 | 237  | 136556   | 19.753 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.807 | 196  | 182331   | 21.851 | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025728.D  
 Acq On : 11 Sep 2025 10:59  
 Operator : CG/JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC020

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:21:50 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:16:10 2025  
 Response via : Initial Calibration

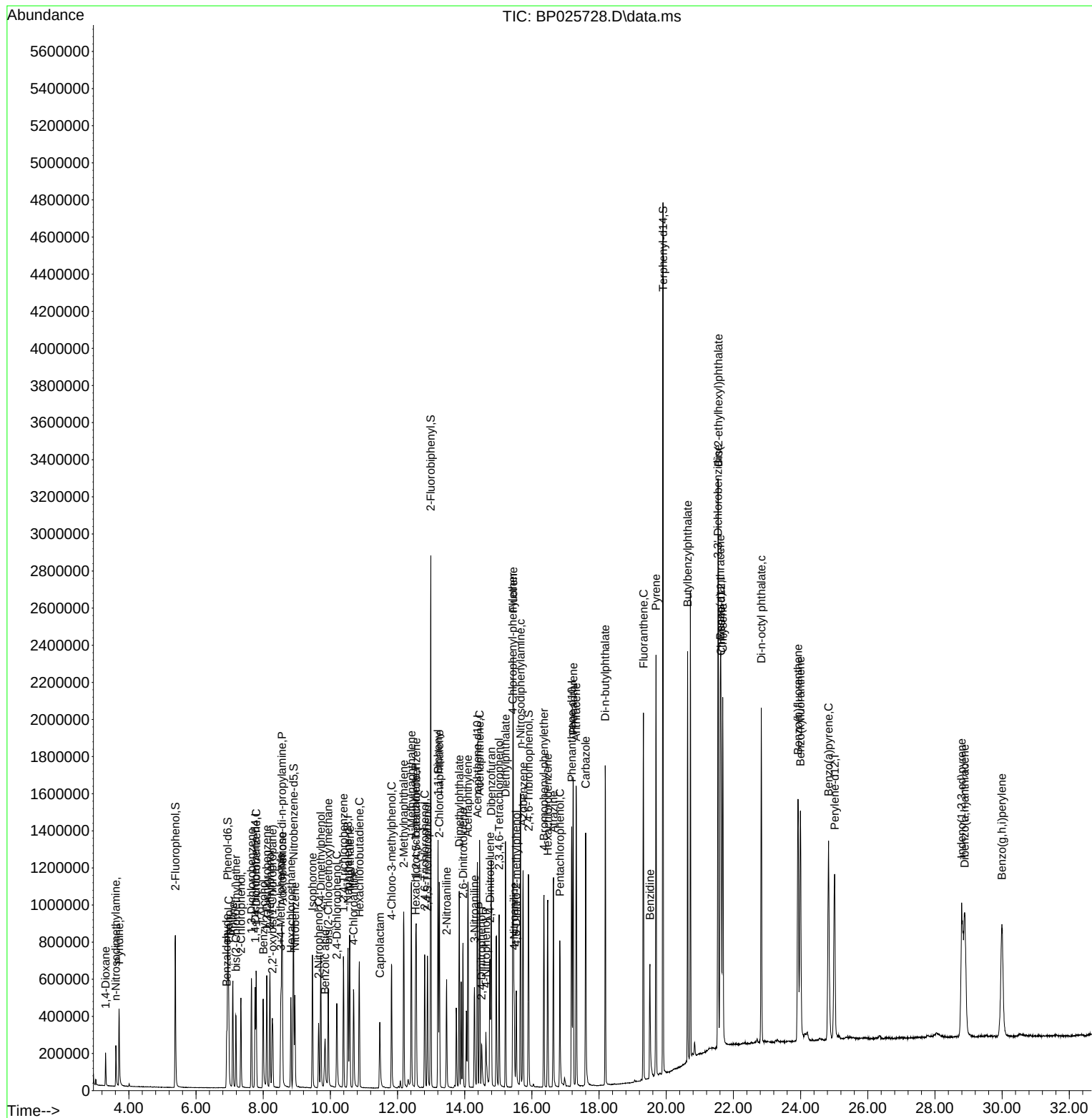
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.890 | 196  | 201778   | 21.728 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.207 | 154  | 669889   | 21.788 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.243 | 162  | 524481   | 21.665 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.460 | 65   | 174129   | 21.578 | ng    | 99       |
| 49) Acenaphthylene            | 14.095 | 152  | 877353   | 21.873 | ng    | 100      |
| 50) Dimethylphthalate         | 13.837 | 163  | 704532   | 22.031 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.948 | 165  | 147655   | 21.793 | ng    | 99       |
| 52) Acenaphthene              | 14.443 | 154  | 505575   | 21.856 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.290 | 138  | 154856   | 21.735 | ng    | 93       |
| 54) 2,4-Dinitrophenol         | 14.501 | 184  | 72511    | 20.292 | ng    | 96       |
| 55) Dibenzofuran              | 14.790 | 168  | 823747   | 21.850 | ng    | 98       |
| 56) 4-Nitrophenol             | 14.631 | 139  | 106678   | 20.895 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 14.754 | 165  | 209898   | 21.769 | ng    | 93       |
| 58) Fluorene                  | 15.442 | 166  | 661561   | 22.068 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.025 | 232  | 181997   | 21.756 | ng    | 98       |
| 60) Diethylphthalate          | 15.213 | 149  | 710972   | 21.918 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.431 | 204  | 331129   | 21.917 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.472 | 138  | 159664   | 21.891 | ng    | 99       |
| 63) Azobenzene                | 15.737 | 77   | 690423   | 22.012 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.537 | 198  | 116319   | 20.272 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.660 | 169  | 587714   | 22.259 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.360 | 248  | 206823   | 21.820 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.472 | 284  | 229447   | 21.707 | ng    | 94       |
| 69) Atrazine                  | 16.642 | 200  | 223909   | 22.185 | ng    | 98       |
| 70) Pentachlorophenol         | 16.831 | 266  | 145273   | 20.824 | ng    | 98       |
| 71) Phenanthrene              | 17.231 | 178  | 1075795  | 21.981 | ng    | 99       |
| 72) Anthracene                | 17.319 | 178  | 1104346  | 22.239 | ng    | 99       |
| 73) Carbazole                 | 17.601 | 167  | 1022406  | 22.146 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.183 | 149  | 1266684  | 22.358 | ng    | 99       |
| 75) Fluoranthene              | 19.319 | 202  | 1303398  | 22.205 | ng    | 100      |
| 77) Benzidine                 | 19.513 | 184  | 499919   | 18.631 | ng    | 99       |
| 78) Pyrene                    | 19.695 | 202  | 1345082  | 21.640 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.636 | 149  | 592103   | 21.726 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.607 | 228  | 1370258  | 21.486 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.536 | 252  | 464513   | 21.065 | ng    | 99       |
| 83) Chrysene                  | 21.683 | 228  | 1301547  | 21.410 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.548 | 149  | 866210   | 21.725 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.830 | 149  | 1493820  | 21.062 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.795 | 276  | 1514360  | 21.074 | ng    | # 85     |
| 88) Benzo(b)fluoranthene      | 23.924 | 252  | 1288073  | 21.316 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.995 | 252  | 1351055  | 21.911 | ng    | 98       |
| 90) Benzo(a)pyrene            | 24.830 | 252  | 1260461  | 21.300 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.883 | 278  | 1238767  | 21.066 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 29.995 | 276  | 1210808  | 20.937 | ng    | 99       |

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

**Instrument :**  
BNA\_P  
**ClientSampleId :**  
SSTDICC020

## Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025729.D  
 Acq On : 11 Sep 2025 12:21  
 Operator : CG/JU  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICCC040

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:22:59 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:16:10 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.760  | 152  | 144640   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.525 | 136  | 617318   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.378 | 164  | 418121   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.183 | 188  | 868840   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.630 | 240  | 926553   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12              | 24.995 | 264  | 1000954  | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.384  | 112  | 787836   | 87.888 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.943  | 99   | 1076622  | 90.359 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.902  | 82   | 1224870  | 87.524 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.895 | 330  | 462583   | 88.699 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 12.990 | 172  | 2669440  | 85.008 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.901 | 244  | 4362586  | 84.704 | ng    | -0.01    |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.308  | 88   | 157988   | 41.993 | ng    | 99       |
| 3) Pyridine                   | 3.708  | 79   | 452870   | 43.715 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.614  | 42   | 208606   | 42.674 | ng    | 98       |
| 6) Aniline                    | 7.096  | 93   | 725768   | 44.373 | ng    | 98       |
| 8) 2-Chlorophenol             | 7.331  | 128  | 436310   | 44.368 | ng    | 99       |
| 9) Benzaldehyde               | 6.913  | 77   | 253178m  | 35.491 | ng    |          |
| 10) Phenol                    | 6.972  | 94   | 568213   | 45.227 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.190  | 93   | 449932   | 44.575 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.649  | 146  | 484132   | 43.256 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.796  | 146  | 488797   | 42.874 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 8.107  | 146  | 478270   | 43.182 | ng    | 98       |
| 15) Benzyl Alcohol            | 8.002  | 79   | 436860   | 44.371 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.278  | 45   | 721206   | 43.691 | ng    | 100      |
| 17) 2-Methylphenol            | 8.202  | 107  | 381511   | 45.040 | ng    | 97       |
| 18) Hexachloroethane          | 8.825  | 117  | 187163   | 42.979 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.554  | 70   | 381756   | 46.485 | ng    | 100      |
| 20) 3+4-Methylphenols         | 8.525  | 107  | 526118   | 44.351 | ng    | 98       |
| 22) Acetophenone              | 8.572  | 105  | 726426   | 44.034 | ng    | 99       |
| 24) Nitrobenzene              | 8.943  | 77   | 554186   | 44.142 | ng    | 99       |
| 25) Isophorone                | 9.472  | 82   | 1061978  | 43.173 | ng    | 100      |
| 26) 2-Nitrophenol             | 9.649  | 139  | 250189   | 44.885 | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.713  | 122  | 439626   | 44.957 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 9.937  | 93   | 615359   | 43.278 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.190 | 162  | 430954   | 44.201 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.396 | 180  | 466981   | 42.499 | ng    | 99       |
| 31) Naphthalene               | 10.578 | 128  | 1416256  | 42.548 | ng    | 100      |
| 32) Benzoic acid              | 9.884  | 122  | 322344   | 44.337 | ng    | 98       |
| 33) 4-Chloroaniline           | 10.684 | 127  | 629600   | 45.380 | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.860 | 225  | 299180   | 42.296 | ng    | 98       |
| 35) Caprolactam               | 11.490 | 113  | 162983   | 43.455 | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 11.825 | 107  | 511595   | 44.012 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.184 | 142  | 922799   | 43.164 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.407 | 142  | 987208   | 43.302 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.560 | 216  | 551785   | 43.550 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.537 | 237  | 317811   | 46.055 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.801 | 196  | 372542   | 44.726 | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025729.D  
 Acq On : 11 Sep 2025 12:21  
 Operator : CG/JU  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICCC040

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:22:59 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:16:10 2025  
 Response via : Initial Calibration

| Compound                       | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol      | 12.884 | 196  | 418700   | 45.167 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.207 | 154  | 1327491  | 43.254 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.242 | 162  | 1037016  | 42.913 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.454 | 65   | 366901   | 45.547 | ng    | 97       |
| 49) Acenaphthylene             | 14.101 | 152  | 1721169  | 42.987 | ng    | 100      |
| 50) Dimethylphthalate          | 13.837 | 163  | 1387323  | 43.460 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 13.948 | 165  | 299565   | 44.293 | ng    | 99       |
| 52) Acenaphthene               | 14.442 | 154  | 998942   | 43.262 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.284 | 138  | 329431   | 46.320 | ng    | 98       |
| 54) 2,4-Dinitrophenol          | 14.507 | 184  | 174477   | 42.110 | ng    | 98       |
| 55) Dibenzofuran               | 14.784 | 168  | 1607411  | 42.712 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.619 | 139  | 256685   | 44.044 | ng    | 98       |
| 57) 2,4-Dinitrotoluene         | 14.754 | 165  | 435664   | 45.264 | ng    | 99       |
| 58) Fluorene                   | 15.448 | 166  | 1292575  | 43.194 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.019 | 232  | 373358   | 44.710 | ng    | 98       |
| 60) Diethylphthalate           | 15.219 | 149  | 1374845  | 42.459 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.436 | 204  | 643036   | 42.637 | ng    | 99       |
| 62) 4-Nitroaniline             | 15.472 | 138  | 338121   | 46.442 | ng    | 100      |
| 63) Azobenzene                 | 15.736 | 77   | 1373602  | 43.872 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph...  | 15.536 | 198  | 261709   | 45.293 | ng    | 94       |
| 66) n-Nitrosodiphenylamine     | 15.654 | 169  | 1153503  | 43.383 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.348 | 248  | 413274   | 43.298 | ng    | 99       |
| 68) Hexachlorobenzene          | 16.472 | 284  | 453064   | 42.564 | ng    | 97       |
| 69) Atrazine                   | 16.636 | 200  | 451179   | 44.392 | ng    | 98       |
| 70) Pentachlorophenol          | 16.836 | 266  | 311192   | 44.297 | ng    | 98       |
| 71) Phenanthrene               | 17.230 | 178  | 2106998  | 42.751 | ng    | 100      |
| 72) Anthracene                 | 17.319 | 178  | 2149009  | 42.974 | ng    | 100      |
| 73) Carbazole                  | 17.601 | 167  | 2037704  | 43.830 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.189 | 149  | 2498531  | 43.793 | ng    | 100      |
| 75) Fluoranthene               | 19.313 | 202  | 2514212  | 42.535 | ng    | 99       |
| 77) Benzidine                  | 19.501 | 184  | 1209219  | 45.307 | ng    | 100      |
| 78) Pyrene                     | 19.689 | 202  | 2650721  | 42.875 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.636 | 149  | 1198520  | 44.213 | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.613 | 228  | 2693098  | 42.456 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.524 | 252  | 960752   | 43.803 | ng    | 99       |
| 83) Chrysene                   | 21.677 | 228  | 2548856  | 42.152 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha...  | 21.542 | 149  | 1750717  | 44.144 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.818 | 149  | 3094664  | 43.867 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene     | 28.824 | 276  | 3195673  | 43.902 | ng    | # 83     |
| 88) Benzo(b)fluoranthene       | 23.930 | 252  | 2674118  | 43.687 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 24.007 | 252  | 2685118  | 42.989 | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.836 | 252  | 2617139  | 43.660 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene     | 28.906 | 278  | 2596318  | 43.586 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 30.006 | 276  | 2536855  | 43.305 | ng    | 99       |

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

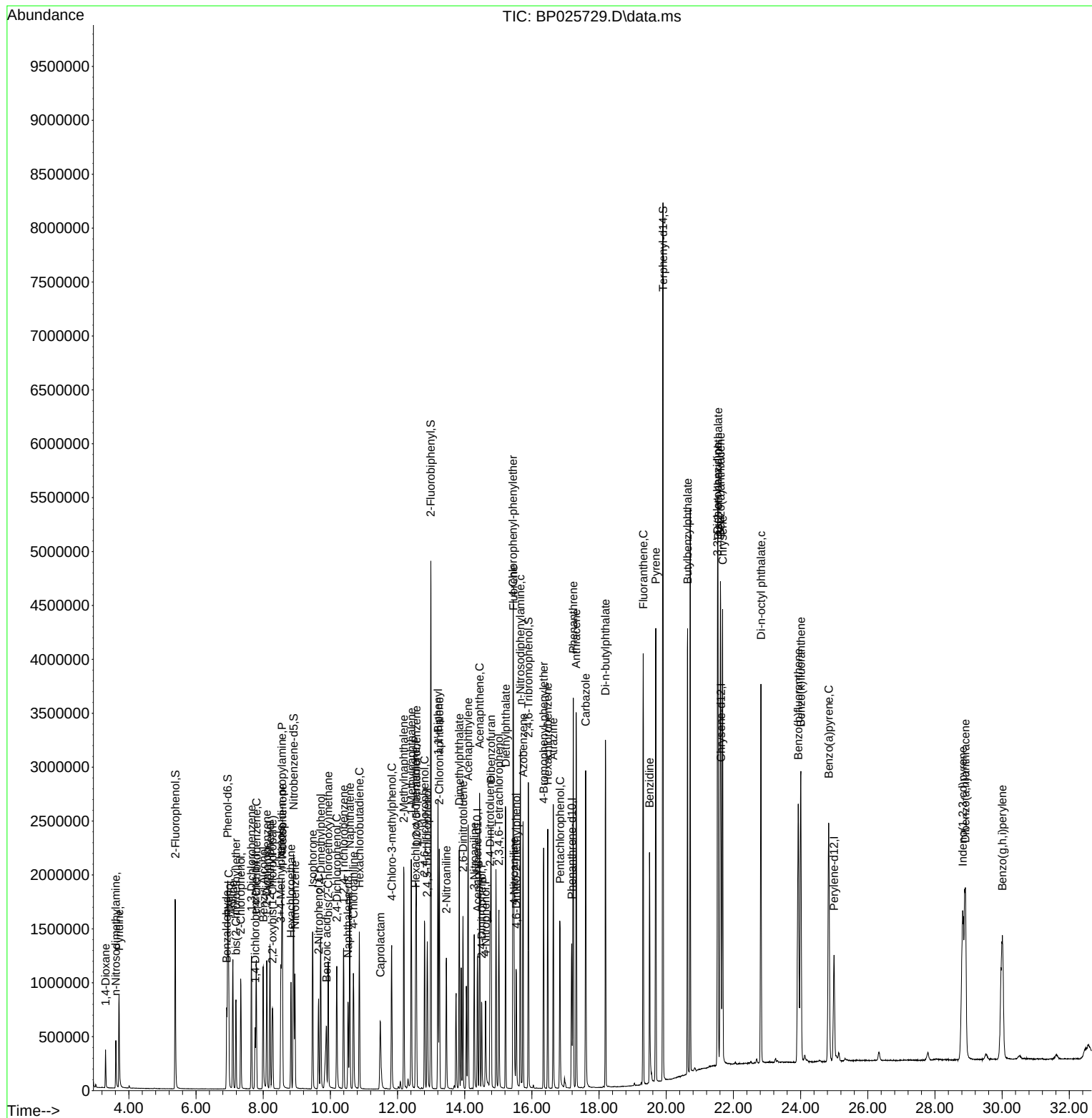
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
Data File : BP025729.D  
Acq On : 11 Sep 2025 12:21  
Operator : CG/JU  
Sample : SSTDICC040  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**  
BNA\_P  
**ClientSampleId :**  
SSTDICCC040

## Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:22:59 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 16:16:10 2025  
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025731.D  
 Acq On : 11 Sep 2025 13:43  
 Operator : CG/JU  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC060

Quant Time: Sep 11 16:25:18 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:16:10 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.754  | 152  | 144908   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.531 | 136  | 594465   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.389 | 164  | 399973   | 20.000  | ng    | 0.01     |
| 64) Phenanthrene-d10          | 17.189 | 188  | 829072   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.636 | 240  | 850069   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.995 | 264  | 937177   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.384  | 112  | 1076648  | 119.885 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.949  | 99   | 1441118  | 120.727 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.907  | 82   | 1624115  | 120.514 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.901 | 330  | 596882   | 119.643 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.995 | 172  | 3440852  | 114.546 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.913 | 244  | 5375608  | 113.763 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.308  | 88   | 214449   | 56.894  | ng    | 99       |
| 3) Pyridine                   | 3.708  | 79   | 608506   | 58.630  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.614  | 42   | 283590   | 57.906  | ng    | 98       |
| 6) Aniline                    | 7.090  | 93   | 984589   | 60.086  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.331  | 128  | 593699   | 60.261  | ng    | 99       |
| 9) Benzaldehyde               | 6.913  | 77   | 468269   | 65.521  | ng    | 98       |
| 10) Phenol                    | 6.972  | 94   | 761185   | 60.475  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.190  | 93   | 594817   | 58.820  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.649  | 146  | 647387   | 57.736  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.790  | 146  | 669205   | 58.590  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.107  | 146  | 645593   | 58.182  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.996  | 79   | 587082   | 59.518  | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 8.278  | 45   | 940663   | 56.880  | ng    | 100      |
| 17) 2-Methylphenol            | 8.207  | 107  | 515294   | 60.722  | ng    | 99       |
| 18) Hexachloroethane          | 8.825  | 117  | 255454   | 58.553  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.560  | 70   | 500512   | 60.833  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.531  | 107  | 706319   | 59.431  | ng    | 99       |
| 22) Acetophenone              | 8.578  | 105  | 959504   | 60.398  | ng    | # 99     |
| 24) Nitrobenzene              | 8.949  | 77   | 732954   | 60.626  | ng    | 98       |
| 25) Isophorone                | 9.472  | 82   | 1411439  | 59.586  | ng    | 100      |
| 26) 2-Nitrophenol             | 9.654  | 139  | 341952   | 63.706  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.713  | 122  | 571131   | 60.651  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 9.948  | 93   | 805869   | 58.855  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.190 | 162  | 583539   | 62.152  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.396 | 180  | 617864   | 58.392  | ng    | 99       |
| 31) Naphthalene               | 10.578 | 128  | 1861226  | 58.065  | ng    | 99       |
| 32) Benzoic acid              | 9.901  | 122  | 457710   | 65.376  | ng    | 100      |
| 33) 4-Chloroaniline           | 10.690 | 127  | 828517   | 62.014  | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.860 | 225  | 402426   | 59.079  | ng    | 99       |
| 35) Caprolactam               | 11.495 | 113  | 213931   | 59.232  | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 11.819 | 107  | 672438   | 60.073  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.190 | 142  | 1207999  | 58.676  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.407 | 142  | 1271354  | 57.909  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.560 | 216  | 724963   | 59.814  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.537 | 237  | 416561   | 63.104  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.807 | 196  | 490224   | 61.525  | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025731.D  
 Acq On : 11 Sep 2025 13:43  
 Operator : CG/JU  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC060

Quant Time: Sep 11 16:25:18 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:16:10 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.884 | 196  | 548795   | 61.887 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.201 | 154  | 1710115  | 58.250 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.248 | 162  | 1358189  | 58.754 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.460 | 65   | 481928   | 62.541 | ng    | 97       |
| 49) Acenaphthylene            | 14.113 | 152  | 2244987  | 58.613 | ng    | 99       |
| 50) Dimethylphthalate         | 13.836 | 163  | 1735637  | 56.838 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.960 | 165  | 395721   | 61.166 | ng    | 98       |
| 52) Acenaphthene              | 14.454 | 154  | 1266404  | 57.334 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.295 | 138  | 428446   | 62.976 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.513 | 184  | 241144   | 58.695 | ng    | 99       |
| 55) Dibenzofuran              | 14.789 | 168  | 2062085  | 57.280 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.619 | 139  | 335924   | 58.606 | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 14.760 | 165  | 564986   | 61.363 | ng    | 98       |
| 58) Fluorene                  | 15.448 | 166  | 1619859  | 56.587 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.025 | 232  | 471644   | 59.043 | ng    | 100      |
| 60) Diethylphthalate          | 15.225 | 149  | 1767001  | 57.046 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.442 | 204  | 817173   | 56.642 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.478 | 138  | 451315   | 64.802 | ng    | 97       |
| 63) Azobenzene                | 15.742 | 77   | 1761607  | 58.817 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.536 | 198  | 341390   | 61.918 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.660 | 169  | 1476982  | 58.214 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.354 | 248  | 530862   | 58.285 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.483 | 284  | 586880   | 57.781 | ng    | 95       |
| 69) Atrazine                  | 16.642 | 200  | 563586   | 58.112 | ng    | 97       |
| 70) Pentachlorophenol         | 16.836 | 266  | 400840   | 59.795 | ng    | 100      |
| 71) Phenanthrene              | 17.230 | 178  | 2648539  | 56.316 | ng    | 100      |
| 72) Anthracene                | 17.325 | 178  | 2753779  | 57.710 | ng    | 100      |
| 73) Carbazole                 | 17.607 | 167  | 2580907  | 58.177 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.189 | 149  | 3187132  | 58.542 | ng    | 100      |
| 75) Fluoranthene              | 19.313 | 202  | 3216943  | 57.034 | ng    | 100      |
| 77) Benzidine                 | 19.513 | 184  | 1473612  | 60.181 | ng    | 99       |
| 78) Pyrene                    | 19.689 | 202  | 3334872  | 58.794 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.630 | 149  | 1497716  | 60.222 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.613 | 228  | 3391233  | 58.272 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.530 | 252  | 1193448  | 59.308 | ng    | 99       |
| 83) Chrysene                  | 21.677 | 228  | 3234610  | 58.306 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.542 | 149  | 2185686  | 60.070 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.830 | 149  | 3857923  | 59.606 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.824 | 276  | 4176186  | 61.276 | ng    | # 85     |
| 88) Benzo(b)fluoranthene      | 23.930 | 252  | 3417862  | 59.638 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 24.007 | 252  | 3431342  | 58.674 | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.848 | 252  | 3396800  | 60.523 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.906 | 278  | 3396390  | 60.898 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 30.012 | 276  | 3366014  | 61.370 | ng    | 99       |

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

**Instrument :**  
BNA\_P  
**ClientSampleId :**  
SSTDICC060

[illegible]

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025732.D  
 Acq On : 11 Sep 2025 14:24  
 Operator : CG/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC080

Quant Time: Sep 11 16:26:30 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:16:10 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.761  | 152  | 156685   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.531 | 136  | 657507   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.384 | 164  | 457251   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.189 | 188  | 963896   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.642 | 240  | 964091   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.995 | 264  | 1072676  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.384  | 112  | 1519863  | 156.516 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.949  | 99   | 2060064  | 159.607 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.908  | 82   | 2312828  | 155.163 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.901 | 330  | 901504   | 158.067 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.996 | 172  | 4820104  | 140.360 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.913 | 244  | 7841805  | 146.328 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.308  | 88   | 293942   | 72.123  | ng    | 100      |
| 3) Pyridine                   | 3.708  | 79   | 864675   | 77.049  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.614  | 42   | 406094   | 76.687  | ng    | 100      |
| 6) Aniline                    | 7.096  | 93   | 1418325  | 80.049  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.337  | 128  | 852861   | 80.059  | ng    | 99       |
| 9) Benzaldehyde               | 6.914  | 77   | 614881   | 79.569  | ng    | 100      |
| 10) Phenol                    | 6.972  | 94   | 1090983  | 80.162  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.190  | 93   | 855627   | 78.251  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.649  | 146  | 917305   | 75.659  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 7.796  | 146  | 935253   | 75.728  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.108  | 146  | 905715   | 75.489  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.002  | 79   | 865116   | 81.113  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.278  | 45   | 1365629  | 76.370  | ng    | 99       |
| 17) 2-Methylphenol            | 8.208  | 107  | 747211   | 81.433  | ng    | 100      |
| 18) Hexachloroethane          | 8.825  | 117  | 362679   | 76.881  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.560  | 70   | 721517   | 81.103  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.531  | 107  | 1023340  | 79.634  | ng    | 99       |
| 22) Acetophenone              | 8.572  | 105  | 1366991  | 77.798  | ng    | # 98     |
| 24) Nitrobenzene              | 8.949  | 77   | 1052990  | 78.746  | ng    | 98       |
| 25) Isophorone                | 9.484  | 82   | 2070061  | 79.012  | ng    | 100      |
| 26) 2-Nitrophenol             | 9.649  | 139  | 504228   | 84.931  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.713  | 122  | 842469   | 80.887  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 9.937  | 93   | 1190837  | 78.631  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.190 | 162  | 850329   | 81.883  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.390 | 180  | 902735   | 77.134  | ng    | 99       |
| 31) Naphthalene               | 10.578 | 128  | 2657135  | 74.948  | ng    | 99       |
| 32) Benzoic acid              | 9.925  | 122  | 680741   | 87.910  | ng    | 98       |
| 33) 4-Chloroaniline           | 10.684 | 127  | 1237939  | 83.774  | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.866 | 225  | 571616   | 75.871  | ng    | 100      |
| 35) Caprolactam               | 11.513 | 113  | 324639   | 81.266  | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 11.825 | 107  | 998570   | 80.654  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.190 | 142  | 1750889  | 76.891  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.407 | 142  | 1849786  | 76.178  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.554 | 216  | 1039713  | 75.038  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.537 | 237  | 641317   | 84.983  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.807 | 196  | 725824   | 79.683  | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025732.D  
 Acq On : 11 Sep 2025 14:24  
 Operator : CG/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC080

Quant Time: Sep 11 16:26:30 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:16:10 2025  
 Response via : Initial Calibration

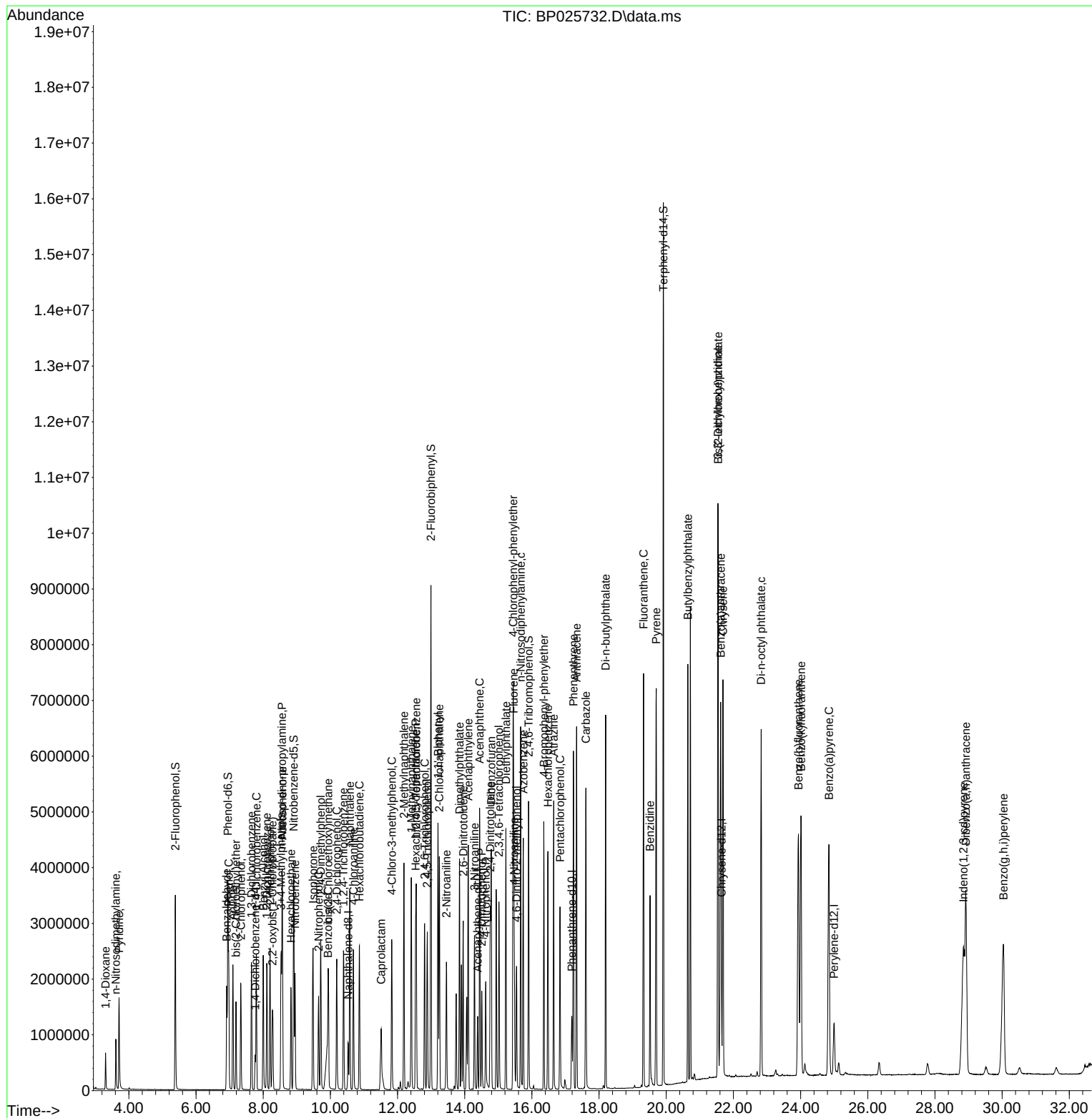
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.884 | 196  | 806956   | 79.601 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.201 | 154  | 2497929  | 74.426 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.243 | 162  | 1962349  | 74.255 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.454 | 65   | 733091   | 83.218 | ng    | 97       |
| 49) Acenaphthylene            | 14.107 | 152  | 3311359  | 75.625 | ng    | 99       |
| 50) Dimethylphthalate         | 13.843 | 163  | 2615037  | 74.909 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.954 | 165  | 580821   | 78.530 | ng    | 100      |
| 52) Acenaphthene              | 14.443 | 154  | 1846398  | 73.121 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.290 | 138  | 649230   | 83.474 | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 14.507 | 184  | 382175   | 79.506 | ng    | 93       |
| 55) Dibenzofuran              | 14.790 | 168  | 2999483  | 72.882 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.625 | 139  | 527475   | 78.823 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 14.760 | 165  | 853243   | 81.062 | ng    | 98       |
| 58) Fluorene                  | 15.454 | 166  | 2363617  | 72.225 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.019 | 232  | 722846   | 79.155 | ng    | 98       |
| 60) Diethylphthalate          | 15.225 | 149  | 2678679  | 75.646 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.442 | 204  | 1190470  | 72.181 | ng    | 97       |
| 62) 4-Nitroaniline            | 15.472 | 138  | 667122   | 83.790 | ng    | 99       |
| 63) Azobenzene                | 15.742 | 77   | 2578205  | 75.299 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.542 | 198  | 537070   | 83.783 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.666 | 169  | 2109969  | 71.530 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.354 | 248  | 792238   | 74.816 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.478 | 284  | 892102   | 75.546 | ng    | 96       |
| 69) Atrazine                  | 16.648 | 200  | 876809   | 77.763 | ng    | 99       |
| 70) Pentachlorophenol         | 16.837 | 266  | 629802   | 80.808 | ng    | 98       |
| 71) Phenanthrene              | 17.236 | 178  | 3960390  | 72.431 | ng    | 100      |
| 72) Anthracene                | 17.331 | 178  | 4027019  | 72.588 | ng    | 100      |
| 73) Carbazole                 | 17.607 | 167  | 3852545  | 74.694 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.195 | 149  | 4705330  | 74.340 | ng    | 100      |
| 75) Fluoranthene              | 19.325 | 202  | 4786922  | 72.998 | ng    | 100      |
| 77) Benzidine                 | 19.519 | 184  | 2065703  | 74.384 | ng    | 100      |
| 78) Pyrene                    | 19.701 | 202  | 4911699  | 76.353 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.642 | 149  | 2268963  | 80.443 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.619 | 228  | 5031313  | 76.229 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.536 | 252  | 1705366  | 74.725 | ng    | 99       |
| 83) Chrysene                  | 21.689 | 228  | 4667905  | 74.190 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.542 | 149  | 3154011  | 76.431 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.824 | 149  | 5799888  | 79.012 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.848 | 276  | 5948880  | 76.261 | ng    | # 84     |
| 88) Benzo(b)fluoranthene      | 23.936 | 252  | 5088293  | 77.570 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 24.013 | 252  | 4938760  | 73.783 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.842 | 252  | 4896947  | 76.231 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.918 | 278  | 4903653  | 76.817 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 30.036 | 276  | 4826771  | 76.886 | ng    | 99       |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025732.D  
 Acq On : 11 Sep 2025 14:24  
 Operator : CG/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC080

Quant Time: Sep 11 16:26:30 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:16:10 2025  
 Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025733.D  
 Acq On : 11 Sep 2025 15:20  
 Operator : CG/JU  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC050

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:27:42 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:16:10 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.719  | 152  | 132227   | 20.000  | ng    | -0.04    |
| 21) Naphthalene-d8            | 10.507 | 136  | 558379   | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10          | 14.372 | 164  | 384529   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.178 | 188  | 764105   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.636 | 240  | 796095   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.995 | 264  | 864239   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.343  | 112  | 847611   | 103.433 | ng    | -0.04    |
| 7) Phenol-d6                  | 6.913  | 99   | 1140979  | 104.750 | ng    | -0.04    |
| 23) Nitrobenzene-d5           | 8.878  | 82   | 1303272  | 102.956 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 15.895 | 330  | 480931   | 100.273 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 12.984 | 172  | 2843494  | 98.461  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.907 | 244  | 4423580  | 99.962  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.290  | 88   | 169936   | 49.409  | ng    | 99       |
| 3) Pyridine                   | 3.684  | 79   | 483875   | 51.092  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.590  | 42   | 224792   | 50.302  | ng    | 100      |
| 6) Aniline                    | 7.060  | 93   | 784152   | 52.443  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.296  | 128  | 466182   | 51.856  | ng    | 100      |
| 9) Benzaldehyde               | 6.878  | 77   | 398852m  | 61.160  | ng    |          |
| 10) Phenol                    | 6.937  | 94   | 601415   | 52.364  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.155  | 93   | 475247   | 51.503  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.613  | 146  | 511619   | 50.003  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 7.760  | 146  | 525685   | 50.438  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 8.072  | 146  | 509835   | 50.354  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.960  | 79   | 466422   | 51.821  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.249  | 45   | 757264   | 50.182  | ng    | 99       |
| 17) 2-Methylphenol            | 8.172  | 107  | 406974   | 52.557  | ng    | 99       |
| 18) Hexachloroethane          | 8.796  | 117  | 201387   | 50.587  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.525  | 70   | 406549   | 54.152  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.502  | 107  | 559714   | 51.612  | ng    | 99       |
| 22) Acetophenone              | 8.543  | 105  | 767098   | 51.407  | ng    | # 98     |
| 24) Nitrobenzene              | 8.919  | 77   | 583136   | 51.351  | ng    | 98       |
| 25) Isophorone                | 9.443  | 82   | 1138308  | 51.161  | ng    | 100      |
| 26) 2-Nitrophenol             | 9.625  | 139  | 269275   | 53.408  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.690  | 122  | 456881   | 51.654  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 9.919  | 93   | 661544   | 51.437  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.160 | 162  | 470034   | 53.298  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.366 | 180  | 498270   | 50.132  | ng    | 99       |
| 31) Naphthalene               | 10.560 | 128  | 1513087  | 50.255  | ng    | 100      |
| 32) Benzoic acid              | 9.866  | 122  | 353386   | 53.738  | ng    | 99       |
| 33) 4-Chloroaniline           | 10.672 | 127  | 666499   | 53.111  | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.837 | 225  | 316676   | 49.495  | ng    | 99       |
| 35) Caprolactam               | 11.466 | 113  | 172043   | 50.713  | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 11.801 | 107  | 549567   | 52.269  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.172 | 142  | 974364   | 50.386  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.390 | 142  | 1019849  | 49.456  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.543 | 216  | 583660   | 50.090  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.525 | 237  | 337711   | 53.214  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.790 | 196  | 393647   | 51.389  | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025733.D  
 Acq On : 11 Sep 2025 15:20  
 Operator : CG/JU  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC050

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:27:42 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:16:10 2025  
 Response via : Initial Calibration

| Compound                       | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol      | 12.866 | 196  | 441307   | 51.765 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.190 | 154  | 1408553  | 49.905 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.237 | 162  | 1118909  | 50.347 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.448 | 65   | 383740   | 51.799 | ng    | 94       |
| 49) Acenaphthylene             | 14.095 | 152  | 1830164  | 49.702 | ng    | 100      |
| 50) Dimethylphthalate          | 13.831 | 163  | 1435428  | 48.895 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 13.948 | 165  | 316613   | 50.904 | ng    | 98       |
| 52) Acenaphthene               | 14.442 | 154  | 1042525  | 49.094 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.284 | 138  | 343785   | 52.561 | ng    | 96       |
| 54) 2,4-Dinitrophenol          | 14.507 | 184  | 193294   | 49.740 | ng    | 96       |
| 55) Dibenzofuran               | 14.784 | 168  | 1697428  | 49.045 | ng    | 98       |
| 56) 4-Nitrophenol              | 14.613 | 139  | 261984   | 48.388 | ng    | 99       |
| 57) 2,4-Dinitrotoluene         | 14.748 | 165  | 465265   | 52.562 | ng    | 95       |
| 58) Fluorene                   | 15.436 | 166  | 1331644  | 48.387 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.013 | 232  | 388785   | 50.625 | ng    | 100      |
| 60) Diethylphthalate           | 15.219 | 149  | 1459705  | 49.018 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.436 | 204  | 676706   | 48.790 | ng    | 99       |
| 62) 4-Nitroaniline             | 15.472 | 138  | 358915   | 53.605 | ng    | 99       |
| 63) Azobenzene                 | 15.731 | 77   | 1452024  | 50.428 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph...  | 15.531 | 198  | 272418   | 53.609 | ng    | 98       |
| 66) n-Nitrosodiphenylamine     | 15.654 | 169  | 1199673  | 51.304 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 16.354 | 248  | 431960   | 51.458 | ng    | 99       |
| 68) Hexachlorobenzene          | 16.472 | 284  | 474297   | 50.667 | ng    | 96       |
| 69) Atrazine                   | 16.636 | 200  | 458144   | 51.256 | ng    | 97       |
| 70) Pentachlorophenol          | 16.825 | 266  | 318100   | 51.487 | ng    | 98       |
| 71) Phenanthrene               | 17.219 | 178  | 2161060  | 49.858 | ng    | 100      |
| 72) Anthracene                 | 17.325 | 178  | 2260277  | 51.395 | ng    | 100      |
| 73) Carbazole                  | 17.595 | 167  | 2110925  | 51.629 | ng    | 100      |
| 74) Di-n-butylphthalate        | 18.189 | 149  | 2558689  | 50.995 | ng    | 100      |
| 75) Fluoranthene               | 19.313 | 202  | 2580366  | 49.638 | ng    | 100      |
| 77) Benzidine                  | 19.513 | 184  | 1255790  | 54.762 | ng    | 100      |
| 78) Pyrene                     | 19.695 | 202  | 2660397  | 50.083 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.636 | 149  | 1209410  | 51.926 | ng    | 100      |
| 81) Benzo(a)anthracene         | 21.613 | 228  | 2742275  | 50.315 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.536 | 252  | 971634   | 51.559 | ng    | 99       |
| 83) Chrysene                   | 21.683 | 228  | 2620241  | 50.434 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha...  | 21.542 | 149  | 1714419  | 50.312 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.824 | 149  | 3047268  | 50.273 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene     | 28.836 | 276  | 3254187  | 51.778 | ng    | # 85     |
| 88) Benzo(b)fluoranthene       | 23.942 | 252  | 2704281  | 51.169 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 24.007 | 252  | 2718438  | 50.407 | ng    | 100      |
| 90) Benzo(a)pyrene             | 24.848 | 252  | 2637187  | 50.954 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.900 | 278  | 2677885  | 52.067 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 30.024 | 276  | 2614577  | 51.692 | ng    | 98       |

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

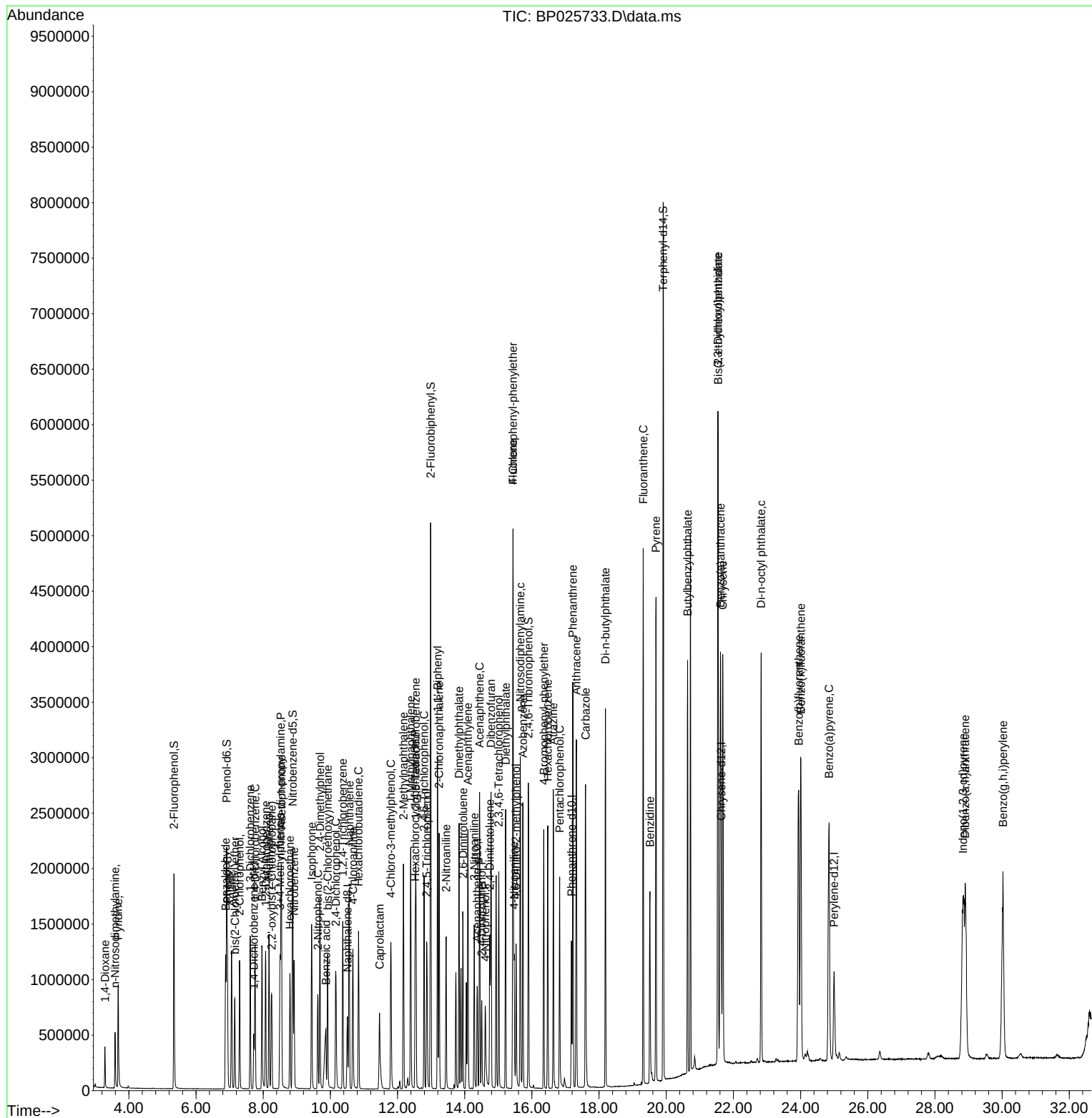
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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\  
Data File : BP025733.D  
Acq On    : 11 Sep 2025  15:20  
Operator  : CG/JU  
Sample    : SSTDICC050  
Misc      :  
ALS Vial  : 10    Sample Multiplier: 1
```

**Instrument :**  
BNA\_P  
**ClientSampleId :**  
SSTDICC050

## Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:27:42 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 16:16:10 2025  
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025734.D  
 Acq On : 11 Sep 2025 16:54  
 Operator : CG/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 ICVBP091225

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 17:15:43 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:45:04 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.754  | 152  | 124267   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.525 | 136  | 536934   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.378 | 164  | 375383   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.183 | 188  | 771844   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.636 | 240  | 780297   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 25.006 | 264  | 833580   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.372  | 112  | 602093   | 78.179 | ng    | -0.01    |
| 7) Phenol-d6                  | 6.937  | 99   | 816056   | 79.719 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 8.895  | 82   | 840657   | 69.063 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.895 | 330  | 359192   | 76.715 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 12.989 | 172  | 1948137  | 69.102 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.913 | 244  | 3054578  | 70.424 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.302  | 88   | 122286   | 37.832 | ng    | 97       |
| 3) Pyridine                   | 3.702  | 79   | 354452   | 39.824 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.608  | 42   | 165978   | 39.520 | ng    | 97       |
| 6) Aniline                    | 7.084  | 93   | 582343   | 41.441 | ng    | 99       |
| 8) 2-Chlorophenol             | 7.325  | 128  | 347453   | 41.125 | ng    | 99       |
| 9) Benzaldehyde               | 6.907  | 77   | 259870m  | 42.354 | ng    |          |
| 10) Phenol                    | 6.966  | 94   | 446406   | 41.357 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.178  | 93   | 354776   | 40.910 | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.643  | 146  | 388972   | 40.451 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.784  | 146  | 395520   | 40.380 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.101  | 146  | 380347   | 39.971 | ng    | 98       |
| 15) Benzyl Alcohol            | 7.990  | 79   | 350290   | 41.411 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.266  | 45   | 582311   | 41.060 | ng    | 100      |
| 17) 2-Methylphenol            | 8.196  | 107  | 307102   | 42.200 | ng    | 99       |
| 18) Hexachloroethane          | 8.819  | 117  | 151554   | 40.508 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.548  | 70   | 312448   | 43.761 | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.519  | 107  | 419059   | 41.117 | ng    | 99       |
| 22) Acetophenone              | 8.566  | 105  | 589415   | 41.077 | ng    | # 99     |
| 24) Nitrobenzene              | 8.937  | 77   | 442005   | 40.477 | ng    | 98       |
| 25) Isophorone                | 9.466  | 82   | 867997   | 40.570 | ng    | 99       |
| 26) 2-Nitrophenol             | 9.643  | 139  | 203715   | 42.019 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.707  | 122  | 353536   | 41.566 | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 9.931  | 93   | 506887   | 40.986 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.184 | 162  | 351168   | 41.410 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.390 | 180  | 377799   | 39.530 | ng    | 97       |
| 31) Naphthalene               | 10.572 | 128  | 1147015  | 39.618 | ng    | 100      |
| 32) Benzoic acid              | 9.866  | 122  | 261084   | 41.287 | ng    | 99       |
| 33) 4-Chloroaniline           | 10.690 | 127  | 511290   | 42.370 | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.854 | 225  | 240927   | 39.159 | ng    | 100      |
| 35) Caprolactam               | 11.478 | 113  | 129656   | 39.662 | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 11.819 | 107  | 414385   | 40.986 | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.184 | 142  | 751182   | 40.396 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.401 | 142  | 804402   | 40.566 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.554 | 216  | 455659   | 40.058 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.531 | 237  | 251065   | 40.525 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.801 | 196  | 311792   | 41.695 | ng    | 98       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025734.D  
 Acq On : 11 Sep 2025 16:54  
 Operator : CG/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 ICVBP091225

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 17:15:43 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:45:04 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.878 | 196  | 335762   | 40.344 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.201 | 154  | 1121205  | 40.692 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.242 | 162  | 849751   | 39.167 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.454 | 65   | 296601   | 41.012 | ng    | 99       |
| 49) Acenaphthylene            | 14.101 | 152  | 1431405  | 39.820 | ng    | 100      |
| 50) Dimethylphthalate         | 13.836 | 163  | 1131460  | 39.480 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.948 | 165  | 245080   | 40.363 | ng    | 98       |
| 52) Acenaphthene              | 14.454 | 154  | 808647   | 39.008 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.289 | 138  | 260323   | 40.770 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.513 | 184  | 139609   | 38.055 | ng    | 98       |
| 55) Dibenzofuran              | 14.783 | 168  | 1329616  | 39.353 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.619 | 139  | 192803   | 37.582 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 14.754 | 165  | 353669   | 40.928 | ng    | 96       |
| 58) Fluorene                  | 15.442 | 166  | 1043250  | 38.831 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.019 | 232  | 297719   | 39.712 | ng    | 100      |
| 60) Diethylphthalate          | 15.219 | 149  | 1163950  | 40.039 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.436 | 204  | 536069   | 39.592 | ng    | 97       |
| 62) 4-Nitroaniline            | 15.466 | 138  | 272817   | 41.707 | ng    | 99       |
| 63) Azobenzene                | 15.736 | 77   | 1114737  | 39.657 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.536 | 198  | 204888   | 39.916 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.660 | 169  | 939618   | 39.780 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.354 | 248  | 339813   | 40.075 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.472 | 284  | 375085   | 39.667 | ng    | 97       |
| 69) Atrazine                  | 16.642 | 200  | 364755   | 40.399 | ng    | 99       |
| 70) Pentachlorophenol         | 16.836 | 266  | 248287   | 39.784 | ng    | 99       |
| 71) Phenanthrene              | 17.224 | 178  | 1716732  | 39.210 | ng    | 99       |
| 72) Anthracene                | 17.319 | 178  | 1778123  | 40.026 | ng    | 100      |
| 73) Carbazole                 | 17.601 | 167  | 1614641  | 39.095 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.189 | 149  | 2015320  | 39.763 | ng    | 100      |
| 75) Fluoranthene              | 19.324 | 202  | 2020319  | 38.475 | ng    | 100      |
| 77) Benzidine                 | 19.513 | 184  | 735659m  | 32.730 | ng    |          |
| 78) Pyrene                    | 19.701 | 202  | 2122125  | 40.759 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.636 | 149  | 950670   | 41.644 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.612 | 228  | 2127849  | 39.832 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.542 | 252  | 705014   | 38.168 | ng    | 99       |
| 83) Chrysene                  | 21.689 | 228  | 2042185  | 40.103 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.548 | 149  | 1354255  | 40.547 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.836 | 149  | 2374831  | 39.973 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.836 | 276  | 2435714  | 40.180 | ng    | # 84     |
| 88) Benzo(b)fluoranthene      | 23.936 | 252  | 2038540  | 39.991 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 24.006 | 252  | 2155908  | 41.447 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.842 | 252  | 1988484  | 39.834 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.900 | 278  | 2021392  | 40.748 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 30.018 | 276  | 1934037  | 39.644 | ng    | 99       |

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

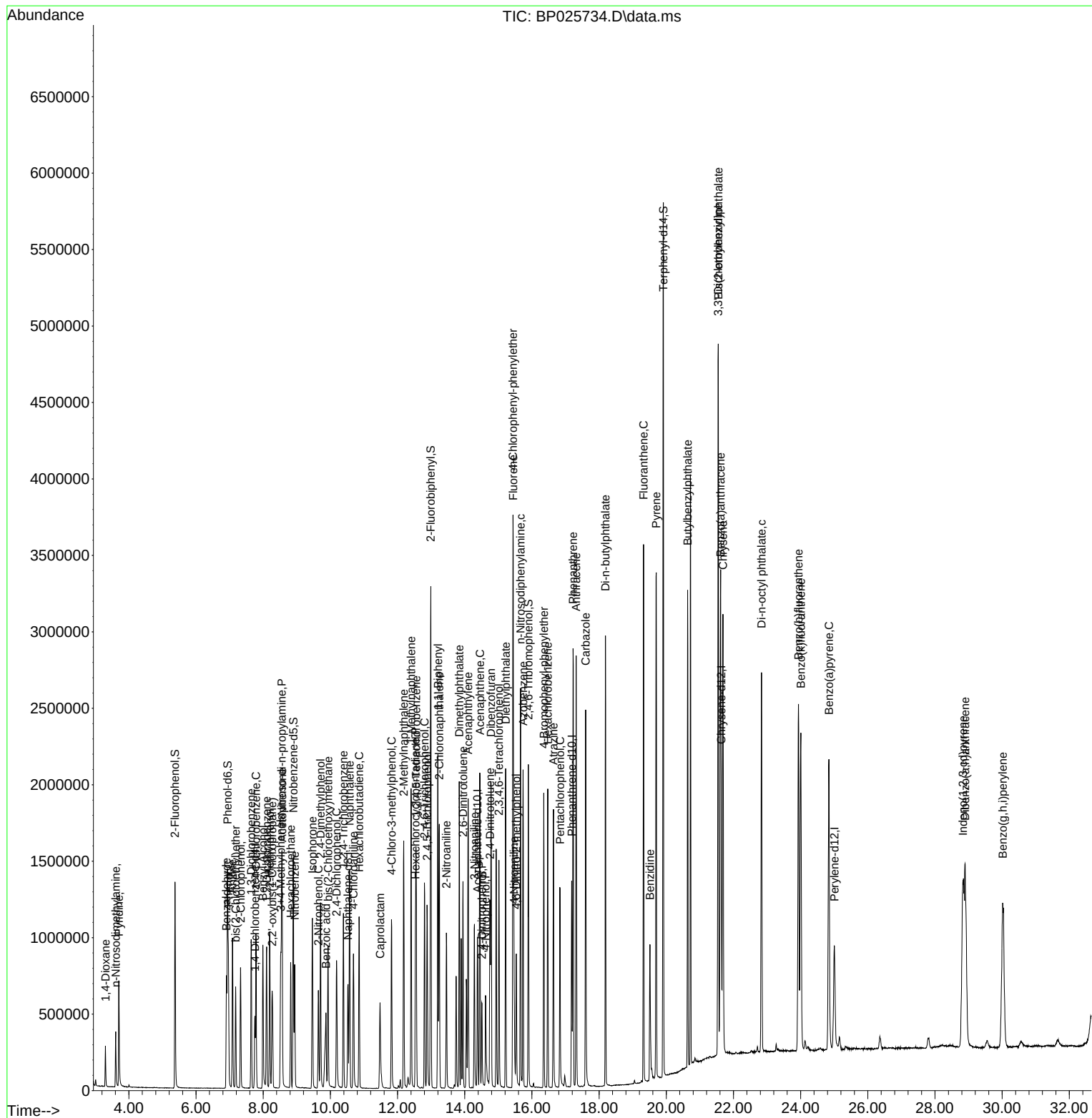
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
Data File : BP025734.D  
Acq On : 11 Sep 2025 16:54  
Operator : CG/JU  
Sample : SSTDICV040  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**  
BNA\_P  
**ClientSampleId :**  
ICVBP091225

## Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 17:15:43 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 16:45:04 2025  
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025734.D  
 Acq On : 11 Sep 2025 16:54  
 Operator : CG/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 ICVBP091225

Quant Time: Sep 11 17:15:43 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:45:04 2025  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                    | AvgRF | CCRF  | %Dev | Area% | Dev(min) |
|------|-----------------------------|-------|-------|------|-------|----------|
| 1 I  | 1,4-Dichlorobenzene-d4      | 1.000 | 1.000 | 0.0  | 86    | 0.00     |
| 2    | 1,4-Dioxane                 | 0.520 | 0.492 | 5.4  | 77    | 0.00     |
| 3    | Pyridine                    | 1.432 | 1.426 | 0.4  | 78    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 0.676 | 0.668 | 1.2  | 80    | 0.00     |
| 5 S  | 2-Fluorophenol              | 1.240 | 1.211 | 2.3  | 76    | -0.01    |
| 6    | Aniline                     | 2.262 | 2.343 | -3.6 | 80    | -0.01    |
| 7 S  | Phenol-d6                   | 1.648 | 1.642 | 0.4  | 76    | -0.01    |
| 8    | 2-Chlorophenol              | 1.360 | 1.398 | -2.8 | 80    | -0.01    |
| 9    | Benzaldehyde                | 0.987 | 1.046 | -6.0 | 103   | 0.00     |
| 10 C | Phenol                      | 1.737 | 1.796 | -3.4 | 79    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 1.396 | 1.427 | -2.2 | 79    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 1.548 | 1.565 | -1.1 | 80    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.576 | 1.591 | -1.0 | 81    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.531 | 1.530 | 0.1  | 80    | 0.00     |
| 15   | Benzyl Alcohol              | 1.361 | 1.409 | -3.5 | 80    | -0.01    |
| 16   | 2,2'-oxybis(1-Chloropropane | 2.282 | 2.343 | -2.7 | 81    | -0.01    |
| 17   | 2-Methylphenol              | 1.171 | 1.236 | -5.6 | 80    | 0.00     |
| 18   | Hexachloroethane            | 0.602 | 0.610 | -1.3 | 81    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 1.149 | 1.257 | -9.4 | 82    | 0.00     |
| 20   | 3+4-Methylphenols           | 1.640 | 1.686 | -2.8 | 80    | 0.00     |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0  | 87    | 0.00     |
| 22   | Acetophenone                | 0.534 | 0.549 | -2.8 | 81    | 0.00     |
| 23 S | Nitrobenzene-d5             | 0.453 | 0.391 | 13.7 | 69    | 0.00     |
| 24   | Nitrobenzene                | 0.407 | 0.412 | -1.2 | 80    | -0.01    |
| 25   | Isophorone                  | 0.797 | 0.808 | -1.4 | 82    | 0.00     |
| 26 C | 2-Nitrophenol               | 0.181 | 0.190 | -5.0 | 81    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.317 | 0.329 | -3.8 | 80    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.461 | 0.472 | -2.4 | 82    | -0.01    |
| 29 C | 2,4-Dichlorophenol          | 0.316 | 0.327 | -3.5 | 81    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.356 | 0.352 | 1.1  | 81    | 0.00     |
| 31   | Naphthalene                 | 1.078 | 1.068 | 0.9  | 81    | 0.00     |
| 32   | Benzoic acid                | 0.236 | 0.243 | -3.0 | 81    | -0.01    |
| 33   | 4-Chloroaniline             | 0.449 | 0.476 | -6.0 | 81    | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.229 | 0.224 | 2.2  | 81    | 0.00     |
| 35   | Caprolactam                 | 0.122 | 0.121 | 0.8  | 80    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 0.377 | 0.386 | -2.4 | 81    | 0.00     |
| 37   | 2-Methylnaphthalene         | 0.693 | 0.700 | -1.0 | 81    | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.739 | 0.749 | -1.4 | 81    | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0  | 90    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.606 | 0.607 | -0.2 | 83    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.330 | 0.334 | -1.2 | 79    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.249 | 0.239 | 4.0  | 78    | -0.01    |
| 43 C | 2,4,6-Trichlorophenol       | 0.398 | 0.415 | -4.3 | 84    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.443 | 0.447 | -0.9 | 80    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 1.502 | 1.297 | 13.6 | 73    | 0.00     |
| 46   | 1,1'-Biphenyl               | 1.468 | 1.493 | -1.7 | 84    | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.156 | 1.132 | 2.1  | 82    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025734.D  
 Acq On : 11 Sep 2025 16:54  
 Operator : CG/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 ICVBP091225

Quant Time: Sep 11 17:15:43 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:45:04 2025  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                   | AvgRF | CCRF  | %Dev | Area% | Dev(min) |
|------|----------------------------|-------|-------|------|-------|----------|
| 48   | 2-Nitroaniline             | 0.385 | 0.395 | -2.6 | 81    | 0.00     |
| 49   | Acenaphthylene             | 1.915 | 1.907 | 0.4  | 83    | 0.00     |
| 50   | Dimethylphthalate          | 1.527 | 1.507 | 1.3  | 82    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.324 | 0.326 | -0.6 | 82    | 0.00     |
| 52 C | Acenaphthene               | 1.104 | 1.077 | 2.4  | 81    | 0.00     |
| 53   | 3-Nitroaniline             | 0.340 | 0.347 | -2.1 | 79    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 0.183 | 0.186 | -1.6 | 80    | 0.00     |
| 55   | Dibenzofuran               | 1.800 | 1.771 | 1.6  | 83    | 0.00     |
| 56 P | 4-Nitrophenol              | 0.258 | 0.257 | 0.4  | 75    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 0.460 | 0.471 | -2.4 | 81    | 0.00     |
| 58   | Fluorene                   | 1.431 | 1.390 | 2.9  | 81    | -0.01    |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.399 | 0.397 | 0.5  | 80    | 0.00     |
| 60   | Diethylphthalate           | 1.549 | 1.550 | -0.1 | 85    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 0.721 | 0.714 | 1.0  | 83    | 0.00     |
| 62   | 4-Nitroaniline             | 0.349 | 0.363 | -4.0 | 81    | -0.01    |
| 63   | Azobenzene                 | 1.498 | 1.485 | 0.9  | 81    | 0.00     |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0  | 89    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.133 | 0.133 | 0.0  | 78    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 0.612 | 0.609 | 0.5  | 81    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 0.220 | 0.220 | 0.0  | 82    | 0.00     |
| 68   | Hexachlorobenzene          | 0.245 | 0.243 | 0.8  | 83    | 0.00     |
| 69   | Atrazine                   | 0.234 | 0.236 | -0.9 | 81    | 0.00     |
| 70 C | Pentachlorophenol          | 0.162 | 0.161 | 0.6  | 80    | 0.00     |
| 71   | Phenanthrene               | 1.135 | 1.112 | 2.0  | 81    | 0.00     |
| 72   | Anthracene                 | 1.151 | 1.152 | -0.1 | 83    | 0.00     |
| 73   | Carbazole                  | 1.070 | 1.046 | 2.2  | 79    | 0.00     |
| 74   | Di-n-butylphthalate        | 1.313 | 1.306 | 0.5  | 81    | 0.00     |
| 75 C | Fluoranthene               | 1.361 | 1.309 | 3.8  | 80    | 0.01     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0  | 84    | 0.00     |
| 77   | Benzidine                  | 0.576 | 0.471 | 18.2 | 61    | 0.00     |
| 78   | Pyrene                     | 1.335 | 1.360 | -1.9 | 80    | 0.01     |
| 79 S | Terphenyl-d14              | 1.112 | 0.979 | 12.0 | 70    | 0.00     |
| 80   | Butylbenzylphthalate       | 0.585 | 0.609 | -4.1 | 79    | 0.00     |
| 81   | Benzo(a)anthracene         | 1.369 | 1.363 | 0.4  | 79    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.473 | 0.452 | 4.4  | 73    | 0.00     |
| 83   | Chrysene                   | 1.305 | 1.309 | -0.3 | 80    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 0.856 | 0.868 | -1.4 | 77    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 1.523 | 1.522 | 0.1  | 77    | 0.00     |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0  | 83    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.454 | 1.461 | -0.5 | 76    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 1.223 | 1.223 | 0.0  | 76    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 1.248 | 1.293 | -3.6 | 80    | 0.00     |
| 90 C | Benzo(a)pyrene             | 1.198 | 1.193 | 0.4  | 76    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 1.190 | 1.212 | -1.8 | 78    | -0.02    |
| 92   | Benzo(g,h,i)perylene       | 1.170 | 1.160 | 0.9  | 76    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
Data File : BP025734.D  
Acq On : 11 Sep 2025 16:54  
Operator : CG/JU  
Sample : SSTDICV040  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
ICVBP091225

Quant Time: Sep 11 17:15:43 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 16:45:04 2025  
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|----------|-------|------|------|-------|----------|
|----------|-------|------|------|-------|----------|

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025734.D  
 Acq On : 11 Sep 2025 16:54  
 Operator : CG/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 ICVBP091225

Quant Time: Sep 11 17:15:43 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:45:04 2025  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                    | Amount | Calc.  | %Dev | Area% | Dev(min) |
|------|-----------------------------|--------|--------|------|-------|----------|
| 1 I  | 1,4-Dichlorobenzene-d4      | 20.000 | 20.000 | 0.0  | 86    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 37.832 | 5.4  | 77    | 0.00     |
| 3    | Pyridine                    | 40.000 | 39.824 | 0.4  | 78    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 39.520 | 1.2  | 80    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 78.179 | 2.3  | 76    | -0.01    |
| 6    | Aniline                     | 40.000 | 41.441 | -3.6 | 80    | -0.01    |
| 7 S  | Phenol-d6                   | 80.000 | 79.719 | 0.4  | 76    | -0.01    |
| 8    | 2-Chlorophenol              | 40.000 | 41.125 | -2.8 | 80    | -0.01    |
| 9    | Benzaldehyde                | 40.000 | 42.354 | -5.9 | 103   | 0.00     |
| 10 C | Phenol                      | 40.000 | 41.357 | -3.4 | 79    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 40.910 | -2.3 | 79    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 40.451 | -1.1 | 80    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 40.380 | -1.0 | 81    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 39.971 | 0.1  | 80    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 41.411 | -3.5 | 80    | -0.01    |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 41.060 | -2.7 | 81    | -0.01    |
| 17   | 2-Methylphenol              | 40.000 | 42.200 | -5.5 | 80    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 40.508 | -1.3 | 81    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 43.761 | -9.4 | 82    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 41.117 | -2.8 | 80    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0  | 87    | 0.00     |
| 22   | Acetophenone                | 40.000 | 41.077 | -2.7 | 81    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 69.063 | 13.7 | 69    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 40.477 | -1.2 | 80    | -0.01    |
| 25   | Isophorone                  | 40.000 | 40.570 | -1.4 | 82    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 42.019 | -5.0 | 81    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 41.566 | -3.9 | 80    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 40.986 | -2.5 | 82    | -0.01    |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 41.410 | -3.5 | 81    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 39.530 | 1.2  | 81    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 39.618 | 1.0  | 81    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 41.287 | -3.2 | 81    | -0.01    |
| 33   | 4-Chloroaniline             | 40.000 | 42.370 | -5.9 | 81    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 39.159 | 2.1  | 81    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 39.662 | 0.8  | 80    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 40.986 | -2.5 | 81    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 40.396 | -1.0 | 81    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 40.566 | -1.4 | 81    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0  | 90    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 40.058 | -0.1 | 83    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 40.525 | -1.3 | 79    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 76.715 | 4.1  | 78    | -0.01    |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 41.695 | -4.2 | 84    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 40.344 | -0.9 | 80    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 69.102 | 13.6 | 73    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 40.692 | -1.7 | 84    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 39.167 | 2.1  | 82    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025734.D  
 Acq On : 11 Sep 2025 16:54  
 Operator : CG/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 ICVBP091225

Quant Time: Sep 11 17:15:43 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:45:04 2025  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                   | Amount | Calc.  | %Dev | Area% | Dev(min) |
|------|----------------------------|--------|--------|------|-------|----------|
| 48   | 2-Nitroaniline             | 40.000 | 41.012 | -2.5 | 81    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 39.820 | 0.4  | 83    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 39.480 | 1.3  | 82    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 40.363 | -0.9 | 82    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 39.008 | 2.5  | 81    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 40.770 | -1.9 | 79    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 38.055 | 4.9  | 80    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 39.353 | 1.6  | 83    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 37.582 | 6.0  | 75    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 40.928 | -2.3 | 81    | 0.00     |
| 58   | Fluorene                   | 40.000 | 38.831 | 2.9  | 81    | -0.01    |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 39.712 | 0.7  | 80    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 40.039 | -0.1 | 85    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 39.592 | 1.0  | 83    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 41.707 | -4.3 | 81    | -0.01    |
| 63   | Azobenzene                 | 40.000 | 39.657 | 0.9  | 81    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0  | 89    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 39.916 | 0.2  | 78    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 39.780 | 0.5  | 81    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 40.075 | -0.2 | 82    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 39.667 | 0.8  | 83    | 0.00     |
| 69   | Atrazine                   | 40.000 | 40.399 | -1.0 | 81    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 39.784 | 0.5  | 80    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 39.210 | 2.0  | 81    | 0.00     |
| 72   | Anthracene                 | 40.000 | 40.026 | -0.1 | 83    | 0.00     |
| 73   | Carbazole                  | 40.000 | 39.095 | 2.3  | 79    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 39.763 | 0.6  | 81    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 38.475 | 3.8  | 80    | 0.01     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0  | 84    | 0.00     |
| 77   | Benzydine                  | 40.000 | 32.730 | 18.2 | 61    | 0.00     |
| 78   | Pyrene                     | 40.000 | 40.759 | -1.9 | 80    | 0.01     |
| 79 S | Terphenyl-d14              | 80.000 | 70.424 | 12.0 | 70    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 41.644 | -4.1 | 79    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 39.832 | 0.4  | 79    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 38.168 | 4.6  | 73    | 0.00     |
| 83   | Chrysene                   | 40.000 | 40.103 | -0.3 | 80    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 40.547 | -1.4 | 77    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 39.973 | 0.1  | 77    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0  | 83    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 40.180 | -0.4 | 76    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 39.991 | 0.0  | 76    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 41.447 | -3.6 | 80    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 39.834 | 0.4  | 76    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 40.748 | -1.9 | 78    | -0.02    |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 39.644 | 0.9  | 76    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
Data File : BP025734.D  
Acq On : 11 Sep 2025 16:54  
Operator : CG/JU  
Sample : SSTDICV040  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
ICVBP091225

Quant Time: Sep 11 17:15:43 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 16:45:04 2025  
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|----------|--------|-------|------|-------|----------|
|----------|--------|-------|------|-------|----------|

(#) = Out of Range                      SPCC's out = 0    CCC's out = 0



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

7C

## SEMIVOLATILE CONTINUING CALIBRATION CHECK

|                 |                   |                        |                              |
|-----------------|-------------------|------------------------|------------------------------|
| Lab Name:       | <u>Alliance</u>   | Contract:              | <u>ROYF02</u>                |
| Lab Code:       | <u>ACE</u>        | SDG No.:               | <u>Q3177</u>                 |
| Instrument ID:  | <u>BNA_G</u>      | Calibration Date/Time: | <u>09/29/2025 12:21</u>      |
| Lab File ID:    | <u>BG064456.D</u> | Init. Calib. Date(s):  | <u>09/25/2025 09/25/2025</u> |
| EPA Sample No.: | <u>SSTDCCC040</u> | Init. Calib. Time(s):  | <u>11:55 19:26</u>           |
| GC Column:      | <u>ZB-GR</u>      | ID:                    | <u>0.25</u> (mm)             |

| COMPOUND              | RRF   | RRF040 | MIN<br>RRF | %D   | MAX%D |
|-----------------------|-------|--------|------------|------|-------|
| Pyridine              | 1.184 | 1.441  |            | 21.7 |       |
| 2-Fluorophenol        | 1.047 | 1.135  |            | 8.4  |       |
| Phenol-d6             | 1.434 | 1.572  |            | 9.6  |       |
| 1,4-Dichlorobenzene   | 1.499 | 1.566  |            | 4.5  | 20.0  |
| 2-Methylphenol        | 1.122 | 1.202  |            | 7.1  |       |
| 3+4-Methylphenols     | 1.577 | 1.670  |            | 5.9  |       |
| Nitrobenzene-d5       | 0.369 | 0.396  |            | 7.3  |       |
| Hexachloroethane      | 0.566 | 0.646  |            | 14.1 |       |
| Nitrobenzene          | 0.360 | 0.402  |            | 11.7 |       |
| Hexachlorobutadiene   | 0.300 | 0.320  |            | 6.7  | 20.0  |
| 2,4,6-Trichlorophenol | 0.416 | 0.424  |            | 1.9  | 20.0  |
| 2-Fluorobiphenyl      | 1.354 | 1.348  |            | -0.4 |       |
| 2,4,5-Trichlorophenol | 0.454 | 0.474  |            | 4.4  |       |
| 2,4-Dinitrotoluene    | 0.490 | 0.532  |            | 8.6  |       |
| 2,4,6-Tribromophenol  | 0.349 | 0.344  |            | -1.4 |       |
| Hexachlorobenzene     | 0.267 | 0.273  |            | 2.2  |       |
| Pentachlorophenol     | 0.161 | 0.180  |            | 11.8 | 20.0  |
| Terphenyl-d14         | 1.015 | 1.107  |            | 9.1  |       |

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092925\  
 Data File : BG064456.D  
 Acq On : 29 Sep 2025 12:21  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Sep 29 18:10:51 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 29 18:04:12 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.835  | 152  | 15748    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.626 | 136  | 66555    | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.463 | 164  | 56473    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.201 | 188  | 131242   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.431 | 240  | 160574   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.428 | 264  | 177303   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.426  | 112  | 71476    | 86.733 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.007  | 99   | 99008    | 87.695 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.987  | 82   | 105415   | 85.838 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.955 | 330  | 77805    | 78.919 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.088 | 172  | 304480   | 79.615 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.821 | 244  | 711079   | 87.296 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.341  | 88   | 16548    | 47.852 | ng    | 92       |
| 3) Pyridine                   | 3.728  | 79   | 45382    | 48.677 | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.646  | 42   | 32038    | 44.987 | ng    | # 91     |
| 6) Aniline                    | 7.165  | 93   | 61779    | 42.257 | ng    | 97       |
| 8) 2-Chlorophenol             | 7.400  | 128  | 44386    | 43.051 | ng    | 98       |
| 9) Benzaldehyde               | 6.977  | 77   | 22461    | 23.373 | ng    | 88       |
| 10) Phenol                    | 7.036  | 94   | 52335    | 42.813 | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.259  | 93   | 34963    | 42.597 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.724  | 146  | 49210    | 42.581 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.876  | 146  | 49309    | 41.768 | ng    | 94       |
| 14) 1,2-Dichlorobenzene       | 8.188  | 146  | 46264    | 41.354 | ng    | 95       |
| 15) Benzyl Alcohol            | 8.070  | 79   | 44883    | 42.192 | ng    | 94       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.358  | 45   | 59897    | 41.851 | ng    | 98       |
| 17) 2-Methylphenol            | 8.282  | 107  | 37843    | 42.853 | ng    | 97       |
| 18) Hexachloroethane          | 8.916  | 117  | 20334    | 45.654 | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 8.640  | 70   | 33938    | 44.473 | ng    | 96       |
| 20) 3+4-Methylphenols         | 8.605  | 107  | 52586    | 42.361 | ng    | 97       |
| 22) Acetophenone              | 8.652  | 105  | 70734    | 44.392 | ng    | # 91     |
| 24) Nitrobenzene              | 9.028  | 77   | 53492    | 44.623 | ng    | 95       |
| 25) Isophorone                | 9.557  | 82   | 96686    | 42.550 | ng    | 99       |
| 26) 2-Nitrophenol             | 9.739  | 139  | 26597    | 45.074 | ng    | # 86     |
| 27) 2,4-Dimethylphenol        | 9.804  | 122  | 40312    | 42.357 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.039 | 93   | 49647    | 42.292 | ng    | 93       |
| 29) 2,4-Dichlorophenol        | 10.274 | 162  | 46160    | 42.142 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.491 | 180  | 50954    | 43.491 | ng    | 97       |
| 31) Naphthalene               | 10.673 | 128  | 149513   | 43.030 | ng    | 97       |
| 32) Benzoic acid              | 9.945  | 122  | 31420m   | 42.614 | ng    |          |
| 33) 4-Chloroaniline           | 10.779 | 127  | 57868    | 45.529 | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.961 | 225  | 42539    | 42.626 | ng    | 99       |
| 35) Caprolactam               | 11.554 | 113  | 16958    | 46.922 | ng    | # 87     |
| 36) 4-Chloro-3-methylphenol   | 11.907 | 107  | 56813    | 43.760 | ng    | 95       |
| 37) 2-Methylnaphthalene       | 12.283 | 142  | 110546   | 42.134 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.500 | 142  | 115316m  | 44.732 | ng    |          |
| 40) 1,2,4,5-Tetrachloroben... | 12.653 | 216  | 73874    | 41.046 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.636 | 237  | 39970    | 41.816 | ng    | 94       |
| 43) 2,4,6-Trichlorophenol     | 12.894 | 196  | 47887    | 40.790 | ng    | 93       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092925\  
 Data File : BG064456.D  
 Acq On : 29 Sep 2025 12:21  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Sep 29 18:10:51 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 29 18:04:12 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.970 | 196  | 53496    | 41.775 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.299 | 154  | 162401   | 40.426 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.335 | 162  | 127931   | 41.900 | ng    | 96       |
| 48) 2-Nitroaniline            | 13.540 | 65   | 45494    | 43.353 | ng    | 99       |
| 49) Acenaphthylene            | 14.181 | 152  | 183296   | 40.437 | ng    | 99       |
| 50) Dimethylphthalate         | 13.916 | 163  | 181210   | 42.003 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.040 | 165  | 38540    | 42.530 | ng    | 94       |
| 52) Acenaphthene              | 14.527 | 154  | 128633   | 41.467 | ng    | 98       |
| 53) 3-Nitroaniline            | 14.369 | 138  | 38680    | 45.046 | ng    | # 93     |
| 54) 2,4-Dinitrophenol         | 14.574 | 184  | 24720    | 41.076 | ng    | 94       |
| 55) Dibenzofuran              | 14.862 | 168  | 210416   | 40.911 | ng    | 97       |
| 56) 4-Nitrophenol             | 14.680 | 139  | 31973    | 46.002 | ng    | 93       |
| 57) 2,4-Dinitrotoluene        | 14.827 | 165  | 60137    | 43.471 | ng    | # 94     |
| 58) Fluorene                  | 15.509 | 166  | 161462   | 38.029 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.091 | 232  | 54855    | 42.944 | ng    | # 98     |
| 60) Diethylphthalate          | 15.285 | 149  | 196960   | 42.370 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.509 | 204  | 85857    | 37.031 | ng    | 96       |
| 62) 4-Nitroaniline            | 15.526 | 138  | 40482    | 43.968 | ng    | 91       |
| 63) Azobenzene                | 15.797 | 77   | 141783   | 38.978 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.591 | 198  | 39464    | 43.897 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.720 | 169  | 139664   | 39.880 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 16.396 | 248  | 62724    | 40.789 | ng    | 96       |
| 68) Hexachlorobenzene         | 16.519 | 284  | 71625    | 40.927 | ng    | 94       |
| 69) Atrazine                  | 16.672 | 200  | 67779    | 42.599 | ng    | 96       |
| 70) Pentachlorophenol         | 16.860 | 266  | 47149    | 44.642 | ng    | 94       |
| 71) Phenanthrene              | 17.248 | 178  | 285031   | 41.784 | ng    | 98       |
| 72) Anthracene                | 17.336 | 178  | 290401   | 41.805 | ng    | 98       |
| 73) Carbazole                 | 17.606 | 167  | 268741   | 44.098 | ng    | 95       |
| 74) Di-n-butylphthalate       | 18.170 | 149  | 360363   | 48.342 | ng    | 97       |
| 75) Fluoranthene              | 19.257 | 202  | 413204   | 47.968 | ng    | 98       |
| 77) Benzidine                 | 19.439 | 184  | 140348   | 33.383 | ng    | 98       |
| 78) Pyrene                    | 19.616 | 202  | 430640   | 43.222 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.515 | 149  | 162863   | 43.733 | ng    | 95       |
| 81) Benzo(a)anthracene        | 21.413 | 228  | 444222   | 43.207 | ng    | 96       |
| 82) 3,3'-Dichlorobenzidine    | 21.337 | 252  | 153291   | 43.353 | ng    | 96       |
| 83) Chrysene                  | 21.478 | 228  | 421262   | 43.265 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.337 | 149  | 232243   | 43.292 | ng    | 97       |
| 85) Di-n-octyl phthalate      | 22.471 | 149  | 399868   | 43.849 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.812 | 276  | 533336   | 42.561 | ng    | # 94     |
| 88) Benzo(b)fluoranthene      | 23.488 | 252  | 446395   | 43.919 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.546 | 252  | 431369   | 42.420 | ng    | 98       |
| 90) Benzo(a)pyrene            | 24.287 | 252  | 403683   | 42.875 | ng    | # 98     |
| 91) Dibenzo(a,h)anthracene    | 27.859 | 278  | 433024   | 42.626 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 28.858 | 276  | 415465   | 42.584 | ng    | 98       |

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

**Instrument :**  
BNA\_G  
**ClientSampleId :**  
SSTDCCC040

[illegible]

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092925\  
 Data File : BG064456.D  
 Acq On : 29 Sep 2025 12:21  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC040

Quant Time: Sep 29 18:10:51 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 29 18:04:12 2025  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                    | AvgRF | CCRF  | %Dev  | Area% | Dev(min) |
|------|-----------------------------|-------|-------|-------|-------|----------|
| 1 I  | 1,4-Dichlorobenzene-d4      | 1.000 | 1.000 | 0.0   | 101   | 0.00     |
| 2    | 1,4-Dioxane                 | 0.439 | 0.525 | -19.6 | 116   | 0.00     |
| 3    | Pyridine                    | 1.184 | 1.441 | -21.7 | 113   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 0.904 | 1.017 | -12.5 | 110   | 0.00     |
| 5 S  | 2-Fluorophenol              | 1.047 | 1.135 | -8.4  | 102   | 0.00     |
| 6    | Aniline                     | 1.857 | 1.961 | -5.6  | 96    | 0.00     |
| 7 S  | Phenol-d6                   | 1.434 | 1.572 | -9.6  | 100   | 0.00     |
| 8    | 2-Chlorophenol              | 1.309 | 1.409 | -7.6  | 97    | 0.00     |
| 9    | Benzaldehyde                | 1.220 | 0.713 | 41.6# | 47#   | 0.00     |
| 10 C | Phenol                      | 1.552 | 1.662 | -7.1  | 99    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 1.042 | 1.110 | -6.5  | 97    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 1.468 | 1.562 | -6.4  | 101   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.499 | 1.566 | -4.5  | 96    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.421 | 1.469 | -3.4  | 95    | 0.00     |
| 15   | Benzyl Alcohol              | 1.351 | 1.425 | -5.5  | 98    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 1.818 | 1.902 | -4.6  | 98    | 0.00     |
| 17   | 2-Methylphenol              | 1.122 | 1.202 | -7.1  | 98    | 0.00     |
| 18   | Hexachloroethane            | 0.566 | 0.646 | -14.1 | 106   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 0.969 | 1.078 | -11.2 | 101   | 0.00     |
| 20   | 3+4-Methylphenols           | 1.577 | 1.670 | -5.9  | 100   | 0.00     |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0   | 100   | 0.00     |
| 22   | Acetophenone                | 0.479 | 0.531 | -10.9 | 100   | 0.00     |
| 23 S | Nitrobenzene-d5             | 0.369 | 0.396 | -7.3  | 96    | 0.00     |
| 24   | Nitrobenzene                | 0.360 | 0.402 | -11.7 | 99    | 0.00     |
| 25   | Isophorone                  | 0.683 | 0.726 | -6.3  | 99    | 0.00     |
| 26 C | 2-Nitrophenol               | 0.177 | 0.200 | -13.0 | 103   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.286 | 0.303 | -5.9  | 95    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.353 | 0.373 | -5.7  | 98    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 0.329 | 0.347 | -5.5  | 94    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.352 | 0.383 | -8.8  | 99    | 0.00     |
| 31   | Naphthalene                 | 1.044 | 1.123 | -7.6  | 100   | 0.00     |
| 32   | Benzoic acid                | 0.222 | 0.236 | -6.3  | 99    | 0.00     |
| 33   | 4-Chloroaniline             | 0.382 | 0.435 | -13.9 | 101   | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.300 | 0.320 | -6.7  | 96    | 0.00     |
| 35   | Caprolactam                 | 0.109 | 0.127 | -16.5 | 110   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 0.390 | 0.427 | -9.5  | 101   | 0.00     |
| 37   | 2-Methylnaphthalene         | 0.788 | 0.830 | -5.3  | 97    | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.775 | 0.866 | -11.7 | 104   | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0   | 113   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.637 | 0.654 | -2.7  | 105   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.339 | 0.354 | -4.4  | 109   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.349 | 0.344 | 1.4   | 104   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.416 | 0.424 | -1.9  | 106   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.454 | 0.474 | -4.4  | 110   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 1.354 | 1.348 | 0.4   | 106   | 0.00     |
| 46   | 1,1'-Biphenyl               | 1.423 | 1.438 | -1.1  | 107   | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.081 | 1.133 | -4.8  | 112   | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092925\  
 Data File : BG064456.D  
 Acq On : 29 Sep 2025 12:21  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC040

Quant Time: Sep 29 18:10:51 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 29 18:04:12 2025  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                   | AvgRF | CCRF  | %Dev  | Area% | Dev(min) |
|------|----------------------------|-------|-------|-------|-------|----------|
| 48   | 2-Nitroaniline             | 0.372 | 0.403 | -8.3  | 112   | 0.00     |
| 49   | Acenaphthylene             | 1.605 | 1.623 | -1.1  | 106   | 0.00     |
| 50   | Dimethylphthalate          | 1.528 | 1.604 | -5.0  | 112   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.321 | 0.341 | -6.2  | 109   | 0.00     |
| 52 C | Acenaphthene               | 1.099 | 1.139 | -3.6  | 107   | 0.00     |
| 53   | 3-Nitroaniline             | 0.304 | 0.342 | -12.5 | 113   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 0.213 | 0.219 | -2.8  | 109   | 0.00     |
| 55   | Dibenzofuran               | 1.821 | 1.863 | -2.3  | 110   | 0.00     |
| 56 P | 4-Nitrophenol              | 0.246 | 0.283 | -15.0 | 119   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 0.490 | 0.532 | -8.6  | 114   | 0.00     |
| 58   | Fluorene                   | 1.504 | 1.430 | 4.9   | 99    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.452 | 0.486 | -7.5  | 108   | 0.00     |
| 60   | Diethylphthalate           | 1.646 | 1.744 | -6.0  | 110   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 0.821 | 0.760 | 7.4   | 96    | 0.00     |
| 62   | 4-Nitroaniline             | 0.326 | 0.358 | -9.8  | 111   | 0.00     |
| 63   | Azobenzene                 | 1.288 | 1.255 | 2.6   | 101   | 0.00     |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 105   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.137 | 0.150 | -9.5  | 105   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 0.534 | 0.532 | 0.4   | 99    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 0.234 | 0.239 | -2.1  | 99    | 0.00     |
| 68   | Hexachlorobenzene          | 0.267 | 0.273 | -2.2  | 101   | 0.00     |
| 69   | Atrazine                   | 0.242 | 0.258 | -6.6  | 105   | 0.00     |
| 70 C | Pentachlorophenol          | 0.161 | 0.180 | -11.8 | 107   | 0.00     |
| 71   | Phenanthrene               | 1.040 | 1.086 | -4.4  | 102   | 0.00     |
| 72   | Anthracene                 | 1.059 | 1.106 | -4.4  | 104   | 0.00     |
| 73   | Carbazole                  | 0.929 | 1.024 | -10.2 | 106   | 0.00     |
| 74   | Di-n-butylphthalate        | 1.136 | 1.373 | -20.9 | 118   | 0.00     |
| 75 C | Fluoranthene               | 1.313 | 1.574 | -19.9 | 117   | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 115   | 0.00     |
| 77   | Benzydine                  | 0.524 | 0.437 | 16.6  | 72    | 0.00     |
| 78   | Pyrene                     | 1.241 | 1.341 | -8.1  | 116   | 0.00     |
| 79 S | Terphenyl-d14              | 1.015 | 1.107 | -9.1  | 117   | 0.00     |
| 80   | Butylbenzylphthalate       | 0.464 | 0.507 | -9.3  | 117   | 0.00     |
| 81   | Benzo(a)anthracene         | 1.281 | 1.383 | -8.0  | 117   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.440 | 0.477 | -8.4  | 116   | 0.00     |
| 83   | Chrysene                   | 1.213 | 1.312 | -8.2  | 119   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 0.668 | 0.723 | -8.2  | 117   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 1.136 | 1.245 | -9.6  | 118   | 0.00     |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0   | 118   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.414 | 1.504 | -6.4  | 118   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 1.147 | 1.259 | -9.8  | 120   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 1.147 | 1.216 | -6.0  | 117   | 0.00     |
| 90 C | Benzo(a)pyrene             | 1.062 | 1.138 | -7.2  | 118   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 1.146 | 1.221 | -6.5  | 118   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 1.101 | 1.172 | -6.4  | 120   | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092925\  
Data File : BG064456.D  
Acq On : 29 Sep 2025 12:21  
Operator : RC/JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTDCCC040

Quant Time: Sep 29 18:10:51 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 29 18:04:12 2025  
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|----------|-------|------|------|-------|----------|
|----------|-------|------|------|-------|----------|

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092925\  
 Data File : BG064456.D  
 Acq On : 29 Sep 2025 12:21  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC040

Quant Time: Sep 29 18:10:51 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 29 18:04:12 2025  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                    | Amount | Calc.  | %Dev  | Area% | Dev(min) |
|------|-----------------------------|--------|--------|-------|-------|----------|
| 1 I  | 1,4-Dichlorobenzene-d4      | 20.000 | 20.000 | 0.0   | 101   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 47.852 | -19.6 | 116   | 0.00     |
| 3    | Pyridine                    | 40.000 | 48.677 | -21.7 | 113   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 44.987 | -12.5 | 110   | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 86.733 | -8.4  | 102   | 0.00     |
| 6    | Aniline                     | 40.000 | 42.257 | -5.6  | 96    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 87.695 | -9.6  | 100   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 43.051 | -7.6  | 97    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 23.373 | 41.6# | 47    | 0.00     |
| 10 C | Phenol                      | 40.000 | 42.813 | -7.0  | 99    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 42.597 | -6.5  | 97    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 42.581 | -6.5  | 101   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 41.768 | -4.4  | 96    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 41.354 | -3.4  | 95    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 42.192 | -5.5  | 98    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 41.851 | -4.6  | 98    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 42.853 | -7.1  | 98    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 45.654 | -14.1 | 106   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 44.473 | -11.2 | 101   | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 42.361 | -5.9  | 100   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 100   | 0.00     |
| 22   | Acetophenone                | 40.000 | 44.392 | -11.0 | 100   | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 85.838 | -7.3  | 96    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 44.623 | -11.6 | 99    | 0.00     |
| 25   | Isophorone                  | 40.000 | 42.550 | -6.4  | 99    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 45.074 | -12.7 | 103   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 42.357 | -5.9  | 95    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 42.292 | -5.7  | 98    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 42.142 | -5.4  | 94    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 43.491 | -8.7  | 99    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 43.030 | -7.6  | 100   | 0.00     |
| 32   | Benzoic acid                | 40.000 | 42.614 | -6.5  | 99    | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 45.529 | -13.8 | 101   | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 42.626 | -6.6  | 96    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 46.922 | -17.3 | 110   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 43.760 | -9.4  | 101   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 42.134 | -5.3  | 97    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 44.732 | -11.8 | 104   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 113   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 41.046 | -2.6  | 105   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 41.816 | -4.5  | 109   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 78.919 | 1.4   | 104   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 40.790 | -2.0  | 106   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 41.775 | -4.4  | 110   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 79.615 | 0.5   | 106   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 40.426 | -1.1  | 107   | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 41.900 | -4.7  | 112   | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092925\  
 Data File : BG064456.D  
 Acq On : 29 Sep 2025 12:21  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC040

Quant Time: Sep 29 18:10:51 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 29 18:04:12 2025  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                   | Amount | Calc.  | %Dev  | Area% | Dev(min) |
|------|----------------------------|--------|--------|-------|-------|----------|
| 48   | 2-Nitroaniline             | 40.000 | 43.353 | -8.4  | 112   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 40.437 | -1.1  | 106   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 42.003 | -5.0  | 112   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 42.530 | -6.3  | 109   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 41.467 | -3.7  | 107   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 45.046 | -12.6 | 113   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 41.076 | -2.7  | 109   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 40.911 | -2.3  | 110   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 46.002 | -15.0 | 119   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 43.471 | -8.7  | 114   | 0.00     |
| 58   | Fluorene                   | 40.000 | 38.029 | 4.9   | 99    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 42.944 | -7.4  | 108   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 42.370 | -5.9  | 110   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 37.031 | 7.4   | 96    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 43.968 | -9.9  | 111   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 38.978 | 2.6   | 101   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 105   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 43.897 | -9.7  | 105   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 39.880 | 0.3   | 99    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 40.789 | -2.0  | 99    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 40.927 | -2.3  | 101   | 0.00     |
| 69   | Atrazine                   | 40.000 | 42.599 | -6.5  | 105   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 44.642 | -11.6 | 107   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 41.784 | -4.5  | 102   | 0.00     |
| 72   | Anthracene                 | 40.000 | 41.805 | -4.5  | 104   | 0.00     |
| 73   | Carbazole                  | 40.000 | 44.098 | -10.2 | 106   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 48.342 | -20.9 | 118   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 47.968 | -19.9 | 117   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 115   | 0.00     |
| 77   | Benzidine                  | 40.000 | 33.383 | 16.5  | 72    | 0.00     |
| 78   | Pyrene                     | 40.000 | 43.222 | -8.1  | 116   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 87.296 | -9.1  | 117   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 43.733 | -9.3  | 117   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 43.207 | -8.0  | 117   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 43.353 | -8.4  | 116   | 0.00     |
| 83   | Chrysene                   | 40.000 | 43.265 | -8.2  | 119   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 43.292 | -8.2  | 117   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 43.849 | -9.6  | 118   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 118   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 42.561 | -6.4  | 118   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 43.919 | -9.8  | 120   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 42.420 | -6.1  | 117   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 42.875 | -7.2  | 118   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 42.626 | -6.6  | 118   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 42.584 | -6.5  | 120   | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092925\  
Data File : BG064456.D  
Acq On : 29 Sep 2025 12:21  
Operator : RC/JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTDCCC040

Quant Time: Sep 29 18:10:51 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 29 18:04:12 2025  
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|----------|--------|-------|------|-------|----------|
|----------|--------|-------|------|-------|----------|

(#) = Out of Range

SPCC's out = 0 CCC's out = 0



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

7C

## SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ROYF02  
 Lab Code: ACE SDG No.: Q3177  
 Instrument ID: BNA\_P Calibration Date/Time: 09/29/2025 10:51  
 Lab File ID: BP025875.D Init. Calib. Date(s): 09/11/2025 09/11/2025  
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 08:56 15:20  
 GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND              | RRF   | RRF040 | MIN<br>RRF | %D    | MAX%D |
|-----------------------|-------|--------|------------|-------|-------|
| Pyridine              | 1.432 | 1.354  |            | -5.4  |       |
| 2-Fluorophenol        | 1.240 | 1.286  |            | 3.7   |       |
| Phenol-d6             | 1.648 | 1.545  |            | -6.3  |       |
| 1,4-Dichlorobenzene   | 1.576 | 1.581  |            | 0.3   | 20.0  |
| 2-Methylphenol        | 1.171 | 1.089  |            | -7.0  |       |
| 3+4-Methylphenols     | 1.640 | 1.429  |            | -12.9 |       |
| Nitrobenzene-d5       | 0.453 | 0.435  |            | -4.0  |       |
| Hexachloroethane      | 0.602 | 0.595  |            | -1.2  |       |
| Nitrobenzene          | 0.407 | 0.387  |            | -4.9  |       |
| Hexachlorobutadiene   | 0.229 | 0.256  |            | 11.8  | 20.0  |
| 2,4,6-Trichlorophenol | 0.398 | 0.452  |            | 13.6  | 20.0  |
| 2-Fluorobiphenyl      | 1.502 | 1.597  |            | 6.3   |       |
| 2,4,5-Trichlorophenol | 0.443 | 0.479  |            | 8.1   |       |
| 2,4-Dinitrotoluene    | 0.460 | 0.436  |            | -5.2  |       |
| 2,4,6-Tribromophenol  | 0.249 | 0.276  |            | 10.8  |       |
| Hexachlorobenzene     | 0.245 | 0.281  |            | 14.7  |       |
| Pentachlorophenol     | 0.162 | 0.177  |            | 9.3   | 20.0  |
| Terphenyl-d14         | 1.112 | 1.147  |            | 3.1   |       |

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092925\  
 Data File : BP025875.D  
 Acq On : 29 Sep 2025 10:51  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Sep 29 12:06:55 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:45:04 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.743  | 152  | 234395   | 20.000 | ng    | -0.02    |
| 21) Naphthalene-d8            | 10.513 | 136  | 868295   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10          | 14.372 | 164  | 527881   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.172 | 188  | 977878   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12              | 21.613 | 240  | 1032519  | 20.000 | ng    | -0.03    |
| 86) Perylene-d12              | 24.965 | 264  | 1270410  | 20.000 | ng    | -0.04    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.378  | 112  | 1205486  | 82.984 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.949  | 99   | 1448318  | 75.009 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.890  | 82   | 1511353  | 76.779 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 15.883 | 330  | 582260   | 88.432 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl          | 12.978 | 172  | 3372916  | 85.077 | ng    | -0.01    |
| 79) Terphenyl-d14             | 19.889 | 244  | 4735897  | 82.515 | ng    | -0.02    |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.302  | 88   | 242650   | 39.799 | ng    | 92       |
| 3) Pyridine                   | 3.702  | 79   | 634939   | 37.821 | ng    | 91       |
| 4) n-Nitrosodimethylamine     | 3.614  | 42   | 250362   | 31.604 | ng    | # 78     |
| 6) Aniline                    | 7.084  | 93   | 962602   | 36.317 | ng    | 98       |
| 8) 2-Chlorophenol             | 7.325  | 128  | 639415   | 40.123 | ng    | 97       |
| 9) Benzaldehyde               | 6.902  | 77   | 558620   | 48.269 | ng    | 96       |
| 10) Phenol                    | 6.972  | 94   | 760840   | 37.370 | ng    | 94       |
| 11) bis(2-Chloroethyl)ether   | 7.172  | 93   | 617643   | 37.759 | ng    | 94       |
| 12) 1,3-Dichlorobenzene       | 7.637  | 146  | 736814   | 40.624 | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 7.778  | 146  | 741152   | 40.116 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.090  | 146  | 705959   | 39.332 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.990  | 79   | 559314   | 35.055 | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.260  | 45   | 858174   | 32.081 | ng    | 96       |
| 17) 2-Methylphenol            | 8.196  | 107  | 510416   | 37.184 | ng    | 99       |
| 18) Hexachloroethane          | 8.807  | 117  | 278921   | 39.524 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.543  | 70   | 467195   | 34.691 | ng    | 91       |
| 20) 3+4-Methylphenols         | 8.525  | 107  | 669804   | 34.842 | ng    | 97       |
| 22) Acetophenone              | 8.560  | 105  | 922225   | 39.744 | ng    | 96       |
| 24) Nitrobenzene              | 8.931  | 77   | 672450   | 38.080 | ng    | 94       |
| 25) Isophorone                | 9.454  | 82   | 1289069  | 37.258 | ng    | 99       |
| 26) 2-Nitrophenol             | 9.637  | 139  | 342863   | 43.731 | ng    | 90       |
| 27) 2,4-Dimethylphenol        | 9.707  | 122  | 540090   | 39.267 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 9.925  | 93   | 794263   | 39.714 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.184 | 162  | 571641   | 41.684 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.378 | 180  | 657529   | 42.543 | ng    | 99       |
| 31) Naphthalene               | 10.566 | 128  | 1839816  | 39.296 | ng    | 99       |
| 32) Benzoic acid              | 9.896  | 122  | 385863   | 37.733 | ng    | 95       |
| 33) 4-Chloroaniline           | 10.678 | 127  | 761154   | 39.005 | ng    | 97       |
| 34) Hexachlorobutadiene       | 10.848 | 225  | 445097   | 44.736 | ng    | 100      |
| 35) Caprolactam               | 11.495 | 113  | 213539   | 40.394 | ng    | # 82     |
| 36) 4-Chloro-3-methylphenol   | 11.825 | 107  | 599249   | 36.651 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.172 | 142  | 1170166  | 38.913 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.390 | 142  | 1210526  | 37.750 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.548 | 216  | 738031   | 46.138 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.519 | 237  | 445575   | 51.144 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 12.795 | 196  | 476847   | 45.346 | ng    | 98       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092925\  
 Data File : BP025875.D  
 Acq On : 29 Sep 2025 10:51  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Sep 29 12:06:55 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:45:04 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.895 | 196  | 505702   | 43.210 | ng    | # 93     |
| 46) 1,1'-Biphenyl             | 13.189 | 154  | 1628670  | 42.034 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.237 | 162  | 1273363  | 41.737 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.442 | 65   | 360166   | 35.414 | ng    | 90       |
| 49) Acenaphthylene            | 14.089 | 152  | 1969033  | 38.952 | ng    | 100      |
| 50) Dimethylphthalate         | 13.819 | 163  | 1552173  | 38.514 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.942 | 165  | 341267   | 39.968 | ng    | 91       |
| 52) Acenaphthene              | 14.436 | 154  | 1138698  | 39.061 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.284 | 138  | 336897   | 37.520 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 14.507 | 184  | 209117   | 40.221 | ng    | 93       |
| 55) Dibenzofuran              | 14.778 | 168  | 1855214  | 39.047 | ng    | 97       |
| 56) 4-Nitrophenol             | 14.660 | 139  | 272522   | 37.752 | ng    | 90       |
| 57) 2,4-Dinitrotoluene        | 14.754 | 165  | 460016   | 37.856 | ng    | 87       |
| 58) Fluorene                  | 15.436 | 166  | 1462178  | 38.702 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.013 | 232  | 432029   | 40.979 | ng    | 93       |
| 60) Diethylphthalate          | 15.201 | 149  | 1530299  | 37.433 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.431 | 204  | 772446   | 40.569 | ng    | 95       |
| 62) 4-Nitroaniline            | 15.472 | 138  | 334491   | 36.363 | ng    | 91       |
| 63) Azobenzene                | 15.725 | 77   | 1391089  | 35.192 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 15.531 | 198  | 297345   | 45.723 | ng    | 85       |
| 66) n-Nitrosodiphenylamine    | 15.642 | 169  | 1274881  | 42.602 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.336 | 248  | 498010   | 46.357 | ng    | 96       |
| 68) Hexachlorobenzene         | 16.460 | 284  | 549218   | 45.844 | ng    | # 90     |
| 69) Atrazine                  | 16.619 | 200  | 473557   | 41.399 | ng    | 96       |
| 70) Pentachlorophenol         | 16.825 | 266  | 346795   | 43.860 | ng    | 99       |
| 71) Phenanthrene              | 17.213 | 178  | 2210343  | 39.847 | ng    | 99       |
| 72) Anthracene                | 17.307 | 178  | 2267745  | 40.292 | ng    | 99       |
| 73) Carbazole                 | 17.595 | 167  | 2042516  | 39.035 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.172 | 149  | 2690299  | 41.896 | ng    | 99       |
| 75) Fluoranthene              | 19.295 | 202  | 2582488  | 38.818 | ng    | 100      |
| 77) Benzidine                 | 19.495 | 184  | 1278981  | 43.002 | ng    | 100      |
| 78) Pyrene                    | 19.677 | 202  | 2652731  | 38.504 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.618 | 149  | 1229794  | 40.711 | ng    | 92       |
| 81) Benzo(a)anthracene        | 21.595 | 228  | 2849641  | 40.313 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.513 | 252  | 1042838  | 42.666 | ng    | 100      |
| 83) Chrysene                  | 21.660 | 228  | 2698548  | 40.048 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.518 | 149  | 1794472  | 40.603 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.789 | 149  | 3326850  | 42.318 | ng    | 95       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.789 | 276  | 3881966  | 42.019 | ng    | # 82     |
| 88) Benzo(b)fluoranthene      | 23.912 | 252  | 3090575  | 39.782 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.983 | 252  | 3002157  | 37.870 | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.818 | 252  | 2987689  | 39.270 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.859 | 278  | 3221817  | 42.615 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 29.983 | 276  | 3120318  | 41.968 | ng    | 99       |

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

**Instrument :**  
BNA\_P  
**ClientSampleId :**  
SSTDCCC040

[illegible]

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092925\  
 Data File : BP025875.D  
 Acq On : 29 Sep 2025 10:51  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC040

Quant Time: Sep 29 12:06:55 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:45:04 2025  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                    | Amount | Calc.  | %Dev   | Area% | Dev(min) |
|------|-----------------------------|--------|--------|--------|-------|----------|
| 1 I  | 1,4-Dichlorobenzene-d4      | 20.000 | 20.000 | 0.0    | 162   | -0.02    |
| 2    | 1,4-Dioxane                 | 40.000 | 39.799 | 0.5    | 154   | 0.00     |
| 3    | Pyridine                    | 40.000 | 37.821 | 5.4    | 140   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 31.604 | 21.0   | 120   | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 82.984 | -3.7   | 153   | 0.00     |
| 6    | Aniline                     | 40.000 | 36.317 | 9.2    | 133   | -0.01    |
| 7 S  | Phenol-d6                   | 80.000 | 75.009 | 6.2    | 135   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 40.123 | -0.3   | 147   | -0.01    |
| 9    | Benzaldehyde                | 40.000 | 48.269 | -20.7  | 221   | -0.01    |
| 10 C | Phenol                      | 40.000 | 37.370 | 6.6    | 134   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 37.759 | 5.6    | 137   | -0.01    |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 40.624 | -1.6   | 152   | -0.01    |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 40.116 | -0.3   | 152   | -0.01    |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 39.332 | 1.7    | 148   | -0.02    |
| 15   | Benzyl Alcohol              | 40.000 | 35.055 | 12.4   | 128   | -0.01    |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 32.081 | 19.8   | 119   | -0.02    |
| 17   | 2-Methylphenol              | 40.000 | 37.184 | 7.0    | 134   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 39.524 | 1.2    | 149   | -0.02    |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 34.691 | 13.3   | 122   | -0.01    |
| 20   | 3+4-Methylphenols           | 40.000 | 34.842 | 12.9   | 127   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0    | 141   | -0.01    |
| 22   | Acetophenone                | 40.000 | 39.744 | 0.6    | 127   | -0.01    |
| 23 S | Nitrobenzene-d5             | 80.000 | 76.779 | 4.0    | 123   | -0.01    |
| 24   | Nitrobenzene                | 40.000 | 38.080 | 4.8    | 121   | -0.02    |
| 25   | Isophorone                  | 40.000 | 37.258 | 6.9    | 121   | -0.01    |
| 26 C | 2-Nitrophenol               | 40.000 | 43.731 | -9.3   | 137   | -0.01    |
| 27   | 2,4-Dimethylphenol          | 40.000 | 39.267 | 1.8    | 123   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 39.714 | 0.7    | 129   | -0.02    |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 41.684 | -4.2   | 133   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 42.543 | -6.4   | 141   | -0.01    |
| 31   | Naphthalene                 | 40.000 | 39.296 | 1.8    | 130   | -0.01    |
| 32   | Benzoic acid                | 40.000 | 37.733 | 5.7    | 120   | 0.02     |
| 33   | 4-Chloroaniline             | 40.000 | 39.005 | 2.5    | 121   | -0.01    |
| 34 C | Hexachlorobutadiene         | 40.000 | 44.736 | -11.8  | 149   | -0.01    |
| 35   | Caprolactam                 | 40.000 | 40.394 | -1.0   | 131   | 0.01     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 36.651 | 8.4    | 117   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 38.913 | 2.7    | 127   | -0.01    |
| 38   | 1-Methylnaphthalene         | 40.000 | 37.750 | 5.6    | 123   | -0.01    |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0    | 126   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 46.138 | -15.3  | 134   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 51.144 | -27.9# | 140   | -0.02    |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 88.432 | -10.5  | 126   | -0.02    |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 45.346 | -13.4  | 128   | -0.01    |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 43.210 | -8.0   | 121   | 0.01     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 85.077 | -6.3   | 126   | -0.01    |
| 46   | 1,1'-Biphenyl               | 40.000 | 42.034 | -5.1   | 123   | -0.01    |
| 47   | 2-Chloronaphthalene         | 40.000 | 41.737 | -4.3   | 123   | -0.01    |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092925\  
 Data File : BP025875.D  
 Acq On : 29 Sep 2025 10:51  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC040

Quant Time: Sep 29 12:06:55 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:45:04 2025  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                   | Amount | Calc.  | %Dev  | Area% | Dev(min) |
|------|----------------------------|--------|--------|-------|-------|----------|
| 48   | 2-Nitroaniline             | 40.000 | 35.414 | 11.5  | 98    | -0.01    |
| 49   | Acenaphthylene             | 40.000 | 38.952 | 2.6   | 114   | -0.01    |
| 50   | Dimethylphthalate          | 40.000 | 38.514 | 3.7   | 112   | -0.02    |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 39.968 | 0.1   | 114   | -0.01    |
| 52 C | Acenaphthene               | 40.000 | 39.061 | 2.3   | 114   | -0.02    |
| 53   | 3-Nitroaniline             | 40.000 | 37.520 | 6.2   | 102   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 40.221 | -0.6  | 120   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 39.047 | 2.4   | 115   | -0.01    |
| 56 P | 4-Nitrophenol              | 40.000 | 37.752 | 5.6   | 106   | 0.04     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 37.856 | 5.4   | 106   | 0.00     |
| 58   | Fluorene                   | 40.000 | 38.702 | 3.2   | 113   | -0.02    |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 40.979 | -2.4  | 116   | -0.01    |
| 60   | Diethylphthalate           | 40.000 | 37.433 | 6.4   | 111   | -0.02    |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 40.569 | -1.4  | 120   | -0.01    |
| 62   | 4-Nitroaniline             | 40.000 | 36.363 | 9.1   | 99    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 35.192 | 12.0  | 101   | -0.01    |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 113   | -0.01    |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 45.723 | -14.3 | 114   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 42.602 | -6.5  | 111   | -0.01    |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 46.357 | -15.9 | 121   | -0.02    |
| 68   | Hexachlorobenzene          | 40.000 | 45.844 | -14.6 | 121   | -0.01    |
| 69   | Atrazine                   | 40.000 | 41.399 | -3.5  | 105   | -0.02    |
| 70 C | Pentachlorophenol          | 40.000 | 43.860 | -9.6  | 111   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 39.847 | 0.4   | 105   | -0.01    |
| 72   | Anthracene                 | 40.000 | 40.292 | -0.7  | 106   | -0.01    |
| 73   | Carbazole                  | 40.000 | 39.035 | 2.4   | 100   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 41.896 | -4.7  | 108   | -0.01    |
| 75 C | Fluoranthene               | 40.000 | 38.818 | 3.0   | 103   | -0.02    |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 111   | -0.03    |
| 77   | Benzydine                  | 40.000 | 43.002 | -7.5  | 106   | -0.01    |
| 78   | Pyrene                     | 40.000 | 38.504 | 3.7   | 100   | -0.01    |
| 79 S | Terphenyl-d14              | 80.000 | 82.515 | -3.1  | 109   | -0.02    |
| 80   | Butylbenzylphthalate       | 40.000 | 40.711 | -1.8  | 103   | -0.02    |
| 81   | Benzo(a)anthracene         | 40.000 | 40.313 | -0.8  | 106   | -0.02    |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 42.666 | -6.7  | 109   | -0.02    |
| 83   | Chrysene                   | 40.000 | 40.048 | -0.1  | 106   | -0.03    |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 40.603 | -1.5  | 102   | -0.03    |
| 85 c | Di-n-octyl phthalate       | 40.000 | 42.318 | -5.8  | 108   | -0.04    |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 127   | -0.04    |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 42.019 | -5.0  | 121   | -0.05    |
| 88   | Benzo(b)fluoranthene       | 40.000 | 39.782 | 0.5   | 116   | -0.02    |
| 89   | Benzo(k)fluoranthene       | 40.000 | 37.870 | 5.3   | 112   | -0.02    |
| 90 C | Benzo(a)pyrene             | 40.000 | 39.270 | 1.8   | 114   | -0.02    |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 42.615 | -6.5  | 124   | -0.06    |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 41.968 | -4.9  | 123   | -0.03    |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092925\  
Data File : BP025875.D  
Acq On : 29 Sep 2025 10:51  
Operator : CG/JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_P  
LabSampleId :  
SSTDCCC040

Quant Time: Sep 29 12:06:55 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 16:45:04 2025  
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|----------|--------|-------|------|-------|----------|
|----------|--------|-------|------|-------|----------|

-----  
(#) = Out of Range                      SPCC's out = 0    CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092925\  
 Data File : BP025875.D  
 Acq On : 29 Sep 2025 10:51  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC040

Quant Time: Sep 29 12:06:55 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:45:04 2025  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                    | AvgRF | CCRF  | %Dev   | Area% | Dev(min) |
|------|-----------------------------|-------|-------|--------|-------|----------|
| 1 I  | 1,4-Dichlorobenzene-d4      | 1.000 | 1.000 | 0.0    | 162#  | -0.02    |
| 2    | 1,4-Dioxane                 | 0.520 | 0.518 | 0.4    | 154#  | 0.00     |
| 3    | Pyridine                    | 1.432 | 1.354 | 5.4    | 140   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 0.676 | 0.534 | 21.0   | 120   | 0.00     |
| 5 S  | 2-Fluorophenol              | 1.240 | 1.286 | -3.7   | 153#  | 0.00     |
| 6    | Aniline                     | 2.262 | 2.053 | 9.2    | 133   | -0.01    |
| 7 S  | Phenol-d6                   | 1.648 | 1.545 | 6.2    | 135   | 0.00     |
| 8    | 2-Chlorophenol              | 1.360 | 1.364 | -0.3   | 147   | -0.01    |
| 9    | Benzaldehyde                | 0.987 | 1.192 | -20.8  | 221#  | -0.01    |
| 10 C | Phenol                      | 1.737 | 1.623 | 6.6    | 134   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 1.396 | 1.318 | 5.6    | 137   | -0.01    |
| 12   | 1,3-Dichlorobenzene         | 1.548 | 1.572 | -1.6   | 152#  | -0.01    |
| 13 C | 1,4-Dichlorobenzene         | 1.576 | 1.581 | -0.3   | 152#  | -0.01    |
| 14   | 1,2-Dichlorobenzene         | 1.531 | 1.506 | 1.6    | 148   | -0.02    |
| 15   | Benzyl Alcohol              | 1.361 | 1.193 | 12.3   | 128   | -0.01    |
| 16   | 2,2'-oxybis(1-Chloropropane | 2.282 | 1.831 | 19.8   | 119   | -0.02    |
| 17   | 2-Methylphenol              | 1.171 | 1.089 | 7.0    | 134   | 0.00     |
| 18   | Hexachloroethane            | 0.602 | 0.595 | 1.2    | 149   | -0.02    |
| 19 P | n-Nitroso-di-n-propylamine  | 1.149 | 0.997 | 13.2   | 122   | -0.01    |
| 20   | 3+4-Methylphenols           | 1.640 | 1.429 | 12.9   | 127   | 0.00     |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0    | 141   | -0.01    |
| 22   | Acetophenone                | 0.534 | 0.531 | 0.6    | 127   | -0.01    |
| 23 S | Nitrobenzene-d5             | 0.453 | 0.435 | 4.0    | 123   | -0.01    |
| 24   | Nitrobenzene                | 0.407 | 0.387 | 4.9    | 121   | -0.02    |
| 25   | Isophorone                  | 0.797 | 0.742 | 6.9    | 121   | -0.01    |
| 26 C | 2-Nitrophenol               | 0.181 | 0.197 | -8.8   | 137   | -0.01    |
| 27   | 2,4-Dimethylphenol          | 0.317 | 0.311 | 1.9    | 123   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.461 | 0.457 | 0.9    | 129   | -0.02    |
| 29 C | 2,4-Dichlorophenol          | 0.316 | 0.329 | -4.1   | 133   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.356 | 0.379 | -6.5   | 141   | -0.01    |
| 31   | Naphthalene                 | 1.078 | 1.059 | 1.8    | 130   | -0.01    |
| 32   | Benzoic acid                | 0.236 | 0.222 | 5.9    | 120   | 0.02     |
| 33   | 4-Chloroaniline             | 0.449 | 0.438 | 2.4    | 121   | -0.01    |
| 34 C | Hexachlorobutadiene         | 0.229 | 0.256 | -11.8  | 149   | -0.01    |
| 35   | Caprolactam                 | 0.122 | 0.123 | -0.8   | 131   | 0.01     |
| 36 C | 4-Chloro-3-methylphenol     | 0.377 | 0.345 | 8.5    | 117   | 0.00     |
| 37   | 2-Methylnaphthalene         | 0.693 | 0.674 | 2.7    | 127   | -0.01    |
| 38   | 1-Methylnaphthalene         | 0.739 | 0.697 | 5.7    | 123   | -0.01    |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0    | 126   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.606 | 0.699 | -15.3  | 134   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.330 | 0.422 | -27.9# | 140   | -0.02    |
| 42 S | 2,4,6-Tribromophenol        | 0.249 | 0.276 | -10.8  | 126   | -0.02    |
| 43 C | 2,4,6-Trichlorophenol       | 0.398 | 0.452 | -13.6  | 128   | -0.01    |
| 44   | 2,4,5-Trichlorophenol       | 0.443 | 0.479 | -8.1   | 121   | 0.01     |
| 45 S | 2-Fluorobiphenyl            | 1.502 | 1.597 | -6.3   | 126   | -0.01    |
| 46   | 1,1'-Biphenyl               | 1.468 | 1.543 | -5.1   | 123   | -0.01    |
| 47   | 2-Chloronaphthalene         | 1.156 | 1.206 | -4.3   | 123   | -0.01    |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092925\  
 Data File : BP025875.D  
 Acq On : 29 Sep 2025 10:51  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC040

Quant Time: Sep 29 12:06:55 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:45:04 2025  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                   | AvgRF | CCRF  | %Dev  | Area% | Dev(min) |
|------|----------------------------|-------|-------|-------|-------|----------|
| 48   | 2-Nitroaniline             | 0.385 | 0.341 | 11.4  | 98    | -0.01    |
| 49   | Acenaphthylene             | 1.915 | 1.865 | 2.6   | 114   | -0.01    |
| 50   | Dimethylphthalate          | 1.527 | 1.470 | 3.7   | 112   | -0.02    |
| 51   | 2,6-Dinitrotoluene         | 0.324 | 0.323 | 0.3   | 114   | -0.01    |
| 52 C | Acenaphthene               | 1.104 | 1.079 | 2.3   | 114   | -0.02    |
| 53   | 3-Nitroaniline             | 0.340 | 0.319 | 6.2   | 102   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 0.183 | 0.198 | -8.2  | 120   | 0.00     |
| 55   | Dibenzofuran               | 1.800 | 1.757 | 2.4   | 115   | -0.01    |
| 56 P | 4-Nitrophenol              | 0.258 | 0.258 | 0.0   | 106   | 0.04     |
| 57   | 2,4-Dinitrotoluene         | 0.460 | 0.436 | 5.2   | 106   | 0.00     |
| 58   | Fluorene                   | 1.431 | 1.385 | 3.2   | 113   | -0.02    |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.399 | 0.409 | -2.5  | 116   | -0.01    |
| 60   | Diethylphthalate           | 1.549 | 1.449 | 6.5   | 111   | -0.02    |
| 61   | 4-Chlorophenyl-phenylether | 0.721 | 0.732 | -1.5  | 120   | -0.01    |
| 62   | 4-Nitroaniline             | 0.349 | 0.317 | 9.2   | 99    | 0.00     |
| 63   | Azobenzene                 | 1.498 | 1.318 | 12.0  | 101   | -0.01    |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 113   | -0.01    |
| 65   | 4,6-Dinitro-2-methylphenol | 0.133 | 0.152 | -14.3 | 114   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 0.612 | 0.652 | -6.5  | 111   | -0.01    |
| 67   | 4-Bromophenyl-phenylether  | 0.220 | 0.255 | -15.9 | 121   | -0.02    |
| 68   | Hexachlorobenzene          | 0.245 | 0.281 | -14.7 | 121   | -0.01    |
| 69   | Atrazine                   | 0.234 | 0.242 | -3.4  | 105   | -0.02    |
| 70 C | Pentachlorophenol          | 0.162 | 0.177 | -9.3  | 111   | 0.00     |
| 71   | Phenanthrene               | 1.135 | 1.130 | 0.4   | 105   | -0.01    |
| 72   | Anthracene                 | 1.151 | 1.160 | -0.8  | 106   | -0.01    |
| 73   | Carbazole                  | 1.070 | 1.044 | 2.4   | 100   | 0.00     |
| 74   | Di-n-butylphthalate        | 1.313 | 1.376 | -4.8  | 108   | -0.01    |
| 75 C | Fluoranthene               | 1.361 | 1.320 | 3.0   | 103   | -0.02    |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 111   | -0.03    |
| 77   | Benzidine                  | 0.576 | 0.619 | -7.5  | 106   | -0.01    |
| 78   | Pyrene                     | 1.335 | 1.285 | 3.7   | 100   | -0.01    |
| 79 S | Terphenyl-d14              | 1.112 | 1.147 | -3.1  | 109   | -0.02    |
| 80   | Butylbenzylphthalate       | 0.585 | 0.596 | -1.9  | 103   | -0.02    |
| 81   | Benzo(a)anthracene         | 1.369 | 1.380 | -0.8  | 106   | -0.02    |
| 82   | 3,3'-Dichlorobenzidine     | 0.473 | 0.505 | -6.8  | 109   | -0.02    |
| 83   | Chrysene                   | 1.305 | 1.307 | -0.2  | 106   | -0.03    |
| 84   | Bis(2-ethylhexyl)phthalate | 0.856 | 0.869 | -1.5  | 102   | -0.03    |
| 85 c | Di-n-octyl phthalate       | 1.523 | 1.611 | -5.8  | 108   | -0.04    |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0   | 127   | -0.04    |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.454 | 1.528 | -5.1  | 121   | -0.05    |
| 88   | Benzo(b)fluoranthene       | 1.223 | 1.216 | 0.6   | 116   | -0.02    |
| 89   | Benzo(k)fluoranthene       | 1.248 | 1.182 | 5.3   | 112   | -0.02    |
| 90 C | Benzo(a)pyrene             | 1.198 | 1.176 | 1.8   | 114   | -0.02    |
| 91   | Dibenzo(a,h)anthracene     | 1.190 | 1.268 | -6.6  | 124   | -0.06    |
| 92   | Benzo(g,h,i)perylene       | 1.170 | 1.228 | -5.0  | 123   | -0.03    |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092925\  
Data File : BP025875.D  
Acq On : 29 Sep 2025 10:51  
Operator : CG/JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_P  
LabSampleId :  
SSTDCCC040

Quant Time: Sep 29 12:06:55 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 16:45:04 2025  
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|----------|-------|------|------|-------|----------|
|----------|-------|------|------|-------|----------|

(#) = Out of Range                      SPCC's out = 0    CCC's out = 0



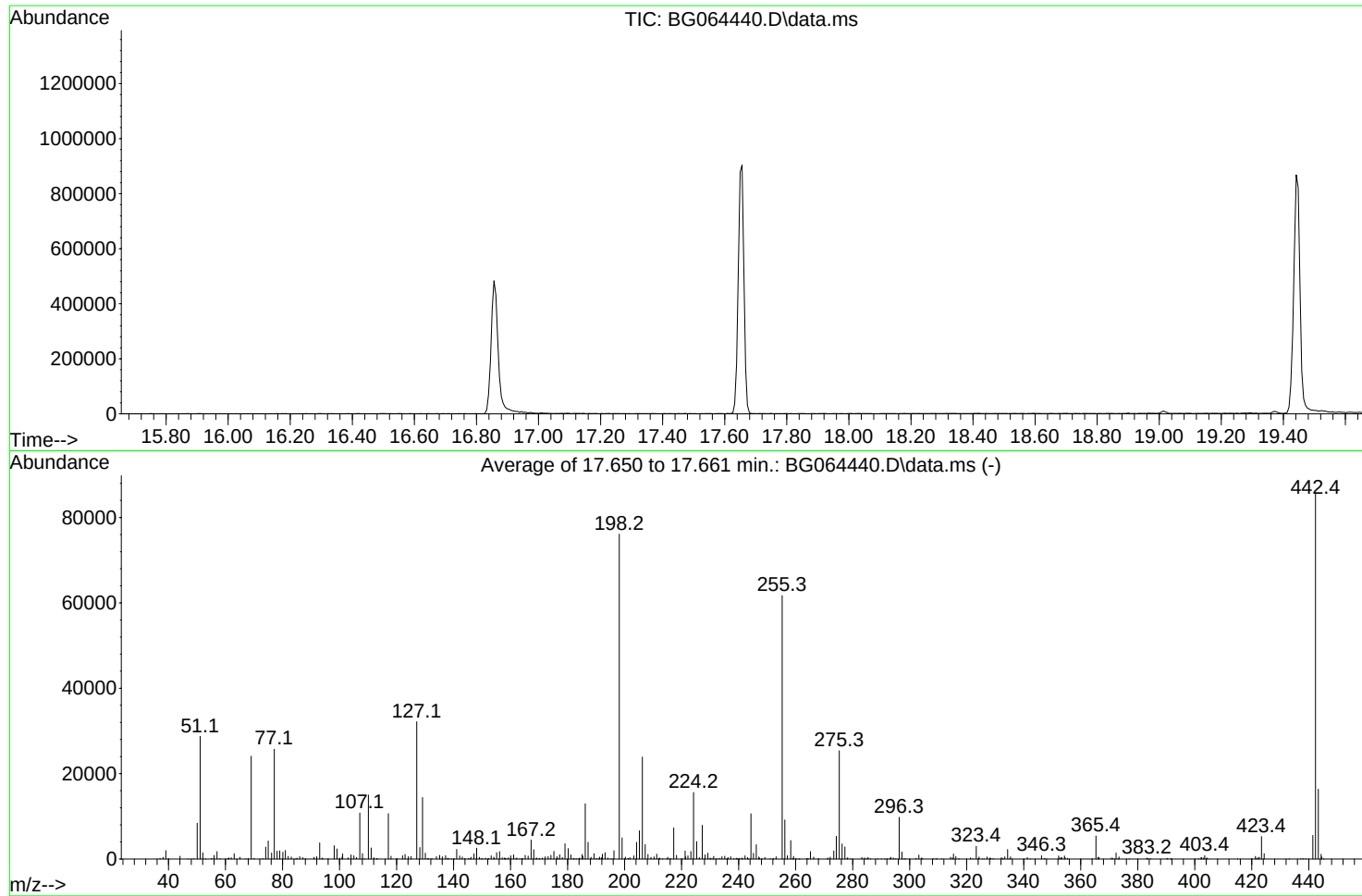
# QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092525\  
Data File : BG064440.D  
Acq On : 25 Sep 2025 11:05  
Operator : RC/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
Last Update : Mon Sep 29 18:04:12 2025



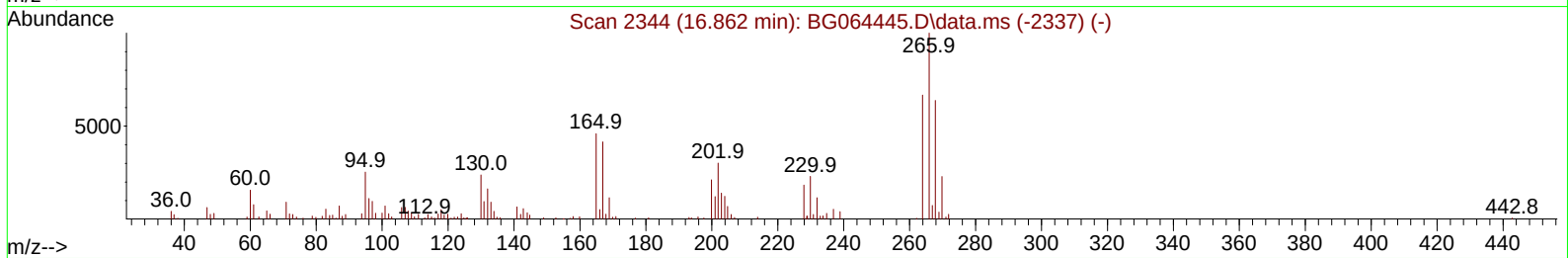
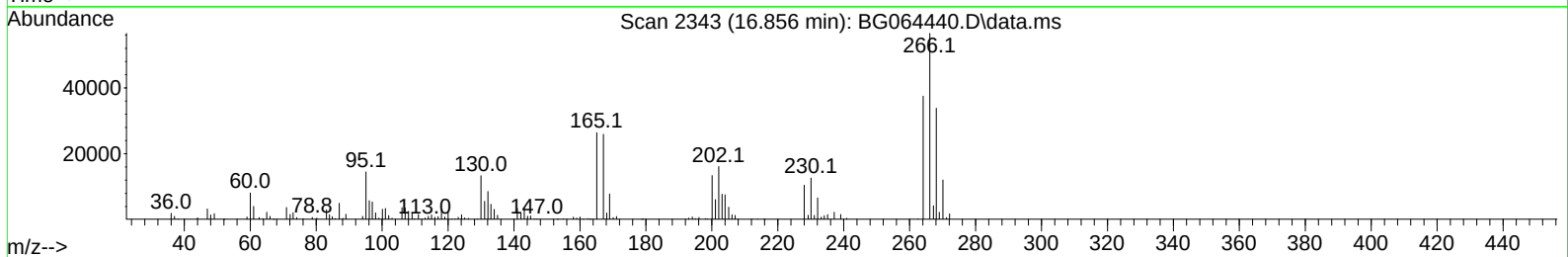
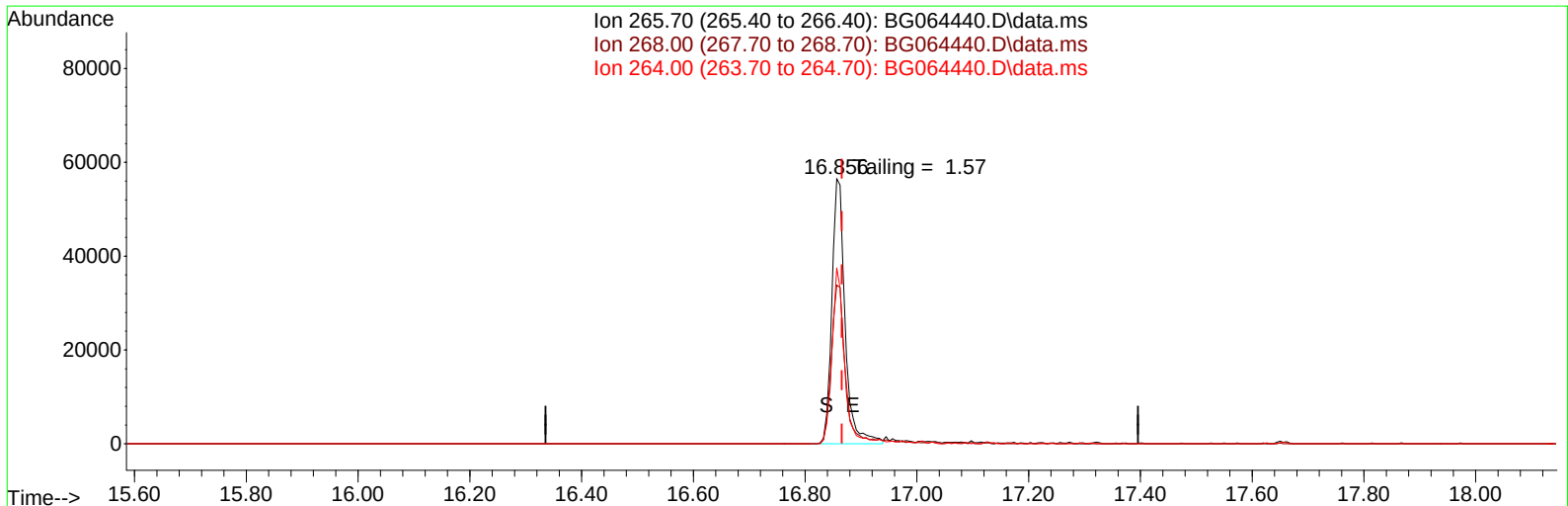
AutoFind: Scans 2478, 2479, 2480; Background Corrected with Scan 2471

| Target | Rel. to | Lower  | Upper  | Rel.  | Raw   | Result    |
|--------|---------|--------|--------|-------|-------|-----------|
| Mass   | Mass    | Limit% | Limit% | Abn%  | Abn   | Pass/Fail |
| 68     | 69      | 0.00   | 2      | 0.4   | 96    | PASS      |
| 69     | 69      | 100    | 100    | 100.0 | 24100 | PASS      |
| 70     | 69      | 0.00   | 2      | 0.8   | 182   | PASS      |
| 197    | 198     | 0.00   | 2      | 0.0   | 0     | PASS      |
| 198    | 198     | 100    | 100    | 100.0 | 76131 | PASS      |
| 199    | 198     | 5      | 9      | 6.5   | 4946  | PASS      |
| 365    | 198     | 1      | 100    | 7.1   | 5416  | PASS      |
| 441    | 443     | 0.01   | 150    | 34.0  | 5552  | PASS      |
| 442    | 442     | 100    | 100    | 100.0 | 85525 | PASS      |
| 443    | 442     | 15     | 24     | 19.1  | 16349 | PASS      |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092525\  
Data File : BG064440.D  
Acq On : 25 Sep 2025 11:05  
Operator : RC/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP

Quant Time: Sep 25 18:46:45 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 25 17:35:42 2025  
Response via : Initial Calibration



TIC: BG064440.D\data.ms

**(70) Pentachlorophenol (C)**

**16.856min (-0.009) 185440.68 ng**

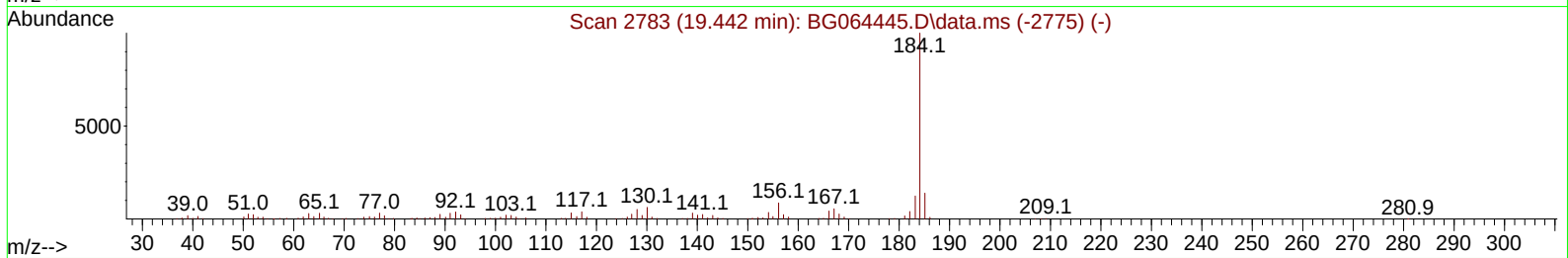
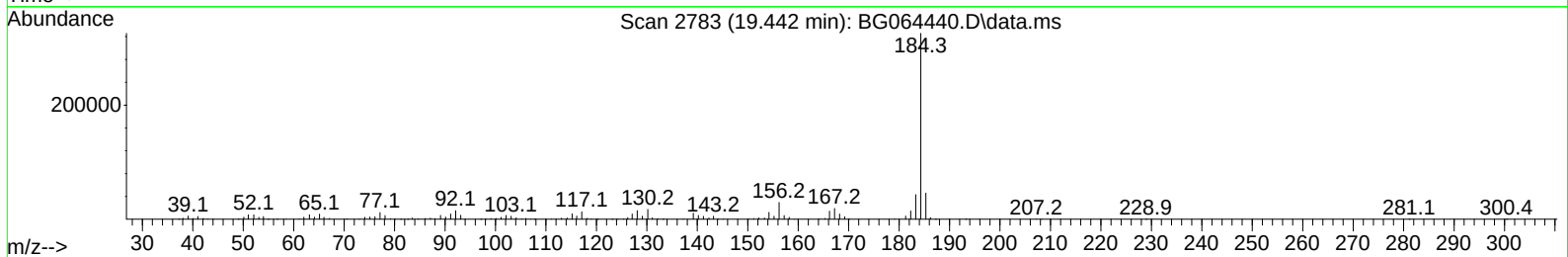
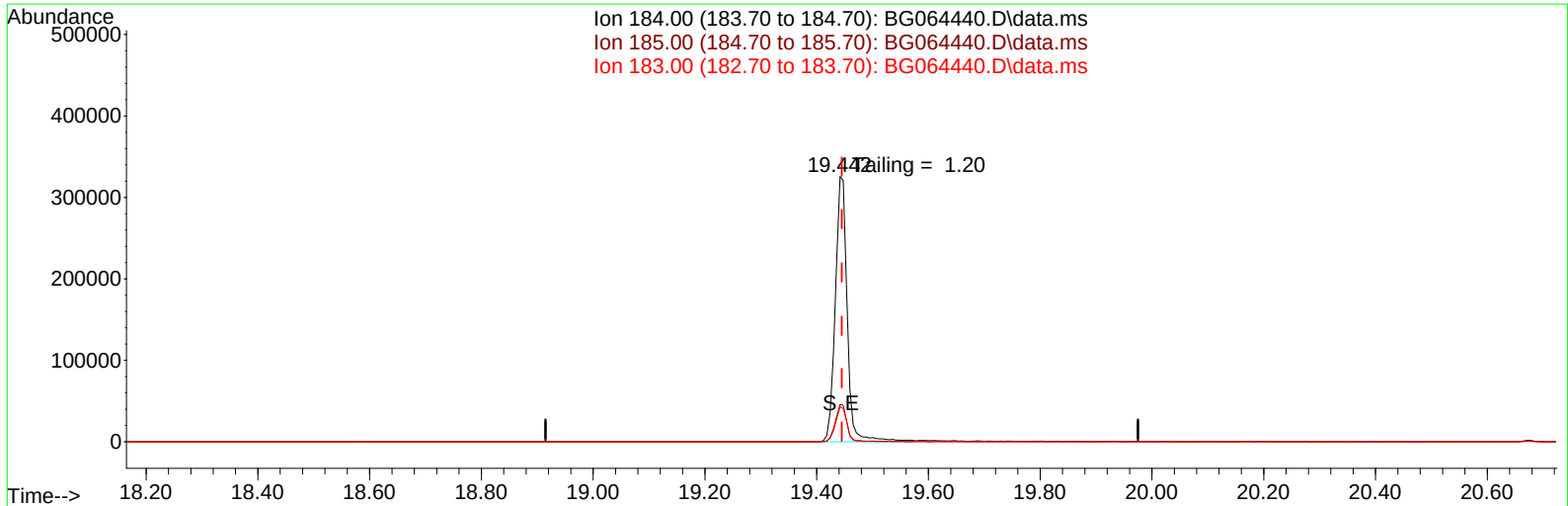
**response 92957**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 265.70 | 100.00 | 100.00 |
| 268.00 | 63.80  | 59.83  |
| 264.00 | 66.70  | 66.31  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092525\  
Data File : BG064440.D  
Acq On : 25 Sep 2025 11:05  
Operator : RC/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP

Quant Time: Sep 25 18:46:45 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 25 17:35:42 2025  
Response via : Initial Calibration



TIC: BG064440.D\data.ms

**(77) Benzidine****19.442min (-0.003) 322131.38 ng****response 481159**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 184.00 | 100.00 | 100.00 |
| 185.00 | 13.90  | 14.07  |
| 183.00 | 12.30  | 13.25  |
| 0.00   | 0.00   | 0.00   |

### DDT Breakdown

| Date          | Instrument Name  | DFTPP Data File    |
|---------------|------------------|--------------------|
| 9/25/2025     | BNA_G            | <u>BG064440.D</u>  |
|               |                  |                    |
|               |                  |                    |
| Compound Name | Response         | Retention Time     |
|               |                  |                    |
| DDT           | 305253           | 20.676             |
| DDD           | 3808             | 20.241             |
| DDE           | 194              | 19.724             |
|               |                  |                    |
|               |                  |                    |
| SUM(DDD+DDE)  | SUM(DDT+DDD+DDE) | % Breakdown Of DDT |
|               |                  |                    |
| 4002          | 309255           | 1.29               |
|               |                  |                    |

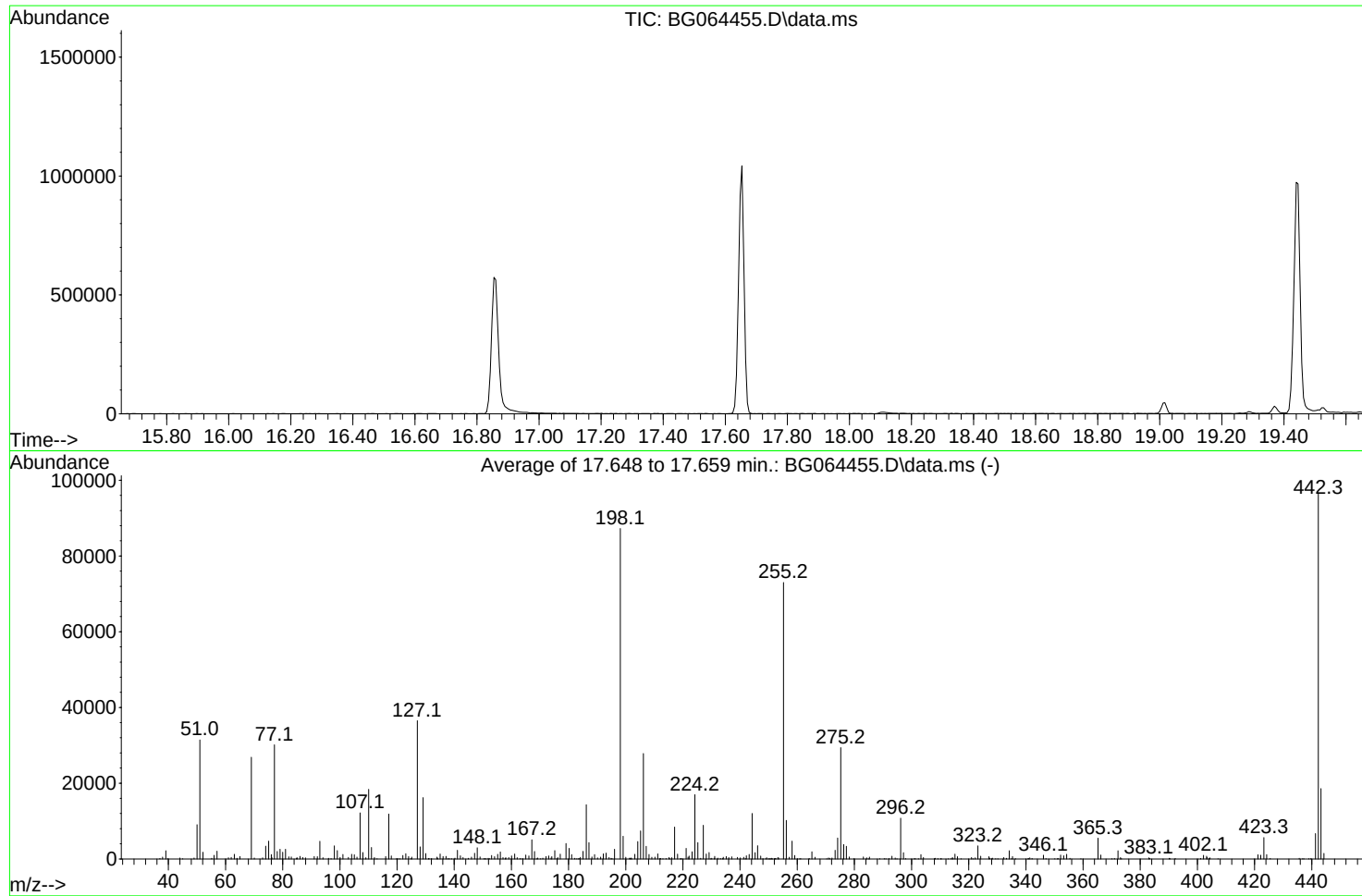
Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092925\  
Data File : BG064455.D  
Acq On : 29 Sep 2025 11:41  
Operator : RC/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
Last Update : Mon Sep 29 18:04:12 2025



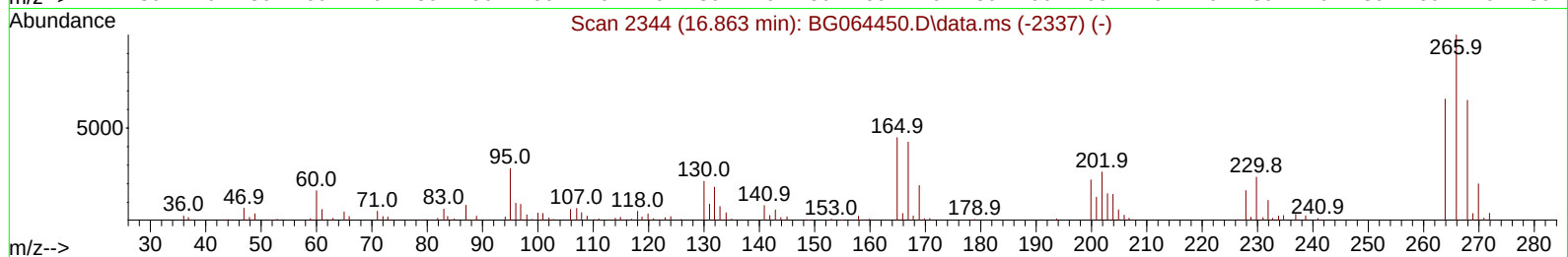
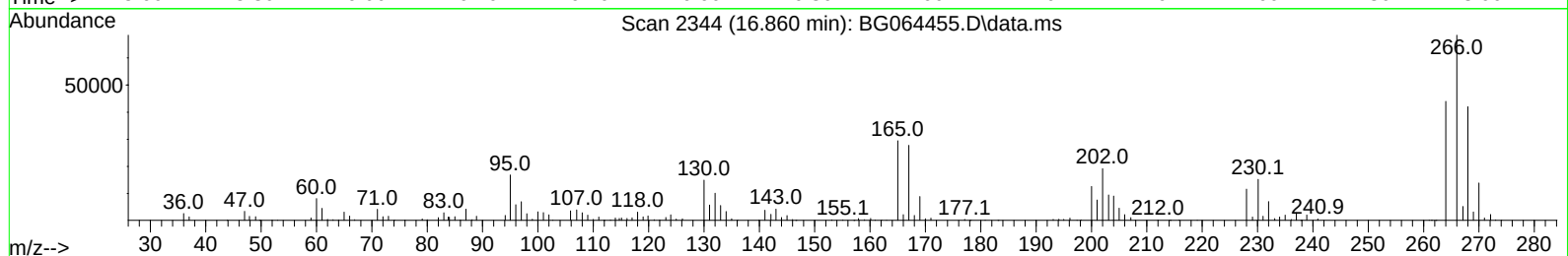
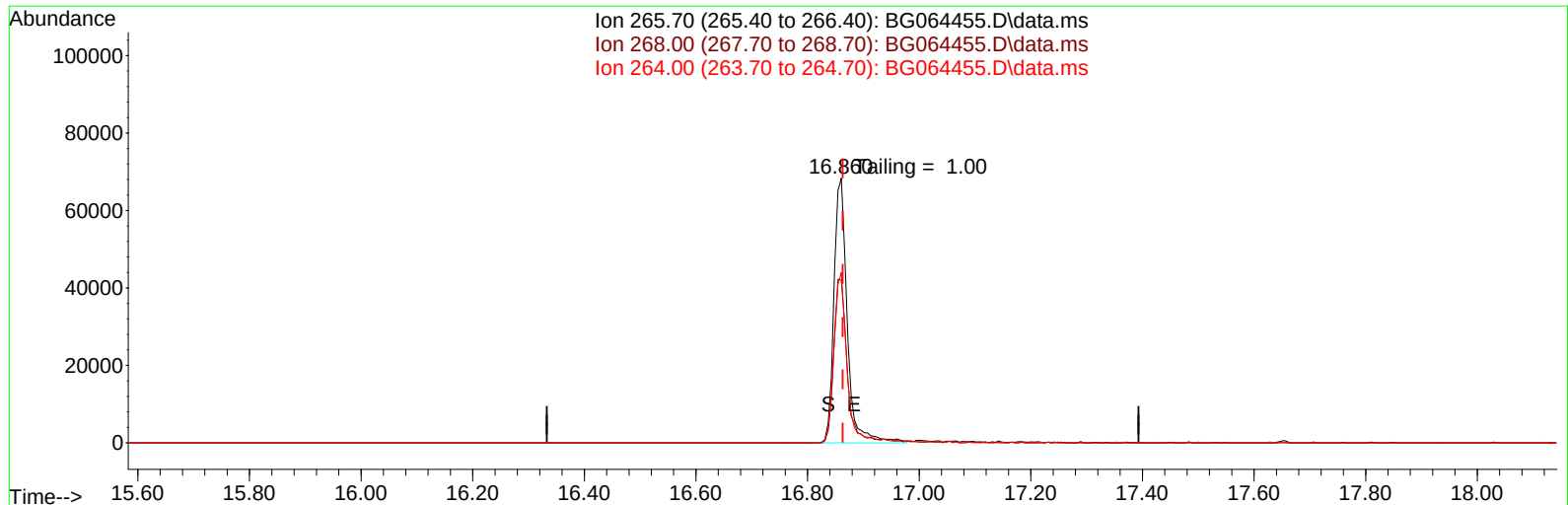
AutoFind: Scans 2478, 2479, 2480; Background Corrected with Scan 2471

| Target<br>Mass | Rel. to<br>Mass | Lower<br>Limit% | Upper<br>Limit% | Rel.<br>Abn% | Raw<br>Abn | Result<br>Pass/Fail |
|----------------|-----------------|-----------------|-----------------|--------------|------------|---------------------|
| 68             | 69              | 0.00            | 2               | 0.0          | 0          | PASS                |
| 69             | 69              | 100             | 100             | 100.0        | 26872      | PASS                |
| 70             | 69              | 0.00            | 2               | 0.9          | 246        | PASS                |
| 197            | 198             | 0.00            | 2               | 0.0          | 0          | PASS                |
| 198            | 198             | 100             | 100             | 100.0        | 87269      | PASS                |
| 199            | 198             | 5               | 9               | 6.9          | 5996       | PASS                |
| 365            | 198             | 1               | 100             | 6.3          | 5510       | PASS                |
| 441            | 443             | 0.01            | 150             | 36.0         | 6691       | PASS                |
| 442            | 442             | 100             | 100             | 100.0        | 96408      | PASS                |
| 443            | 442             | 15              | 24              | 19.3         | 18588      | PASS                |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092925\  
Data File : BG064455.D  
Acq On : 29 Sep 2025 11:41  
Operator : RC/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP

Quant Time: Sep 29 19:15:20 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 29 18:04:12 2025  
Response via : Initial Calibration



TIC: BG064455.D\data.ms

**(70) Pentachlorophenol (C)**

**16.860min (-0.002) 151423.59 ng**

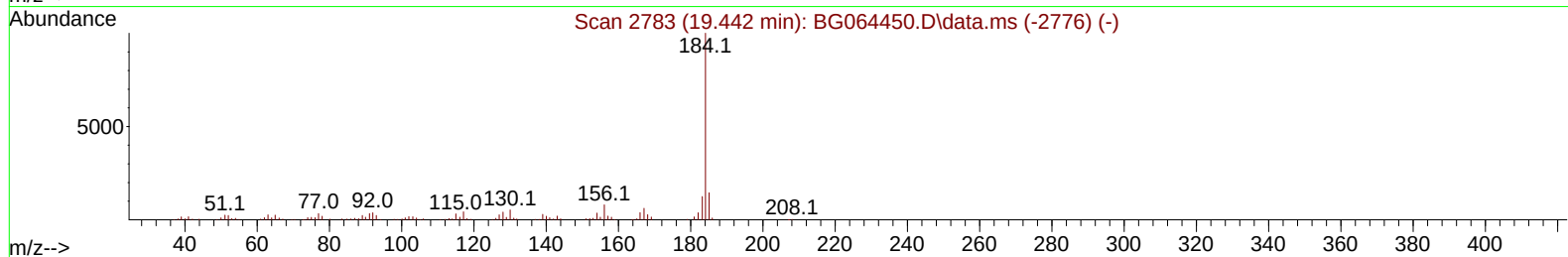
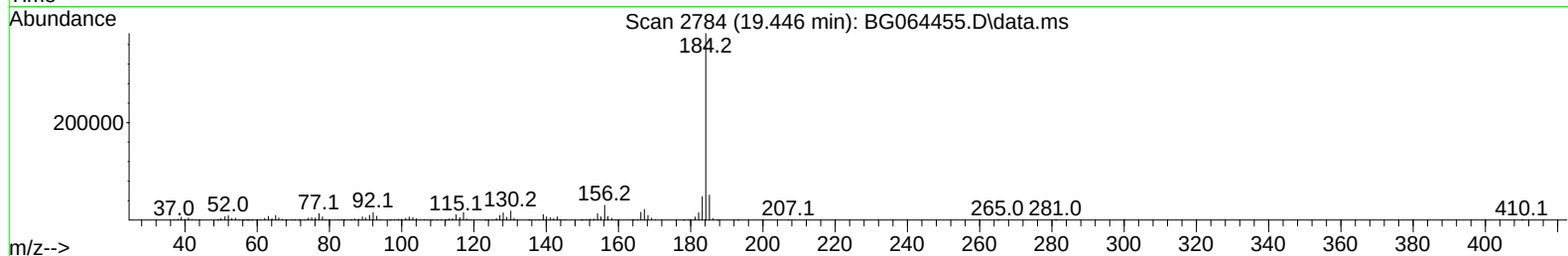
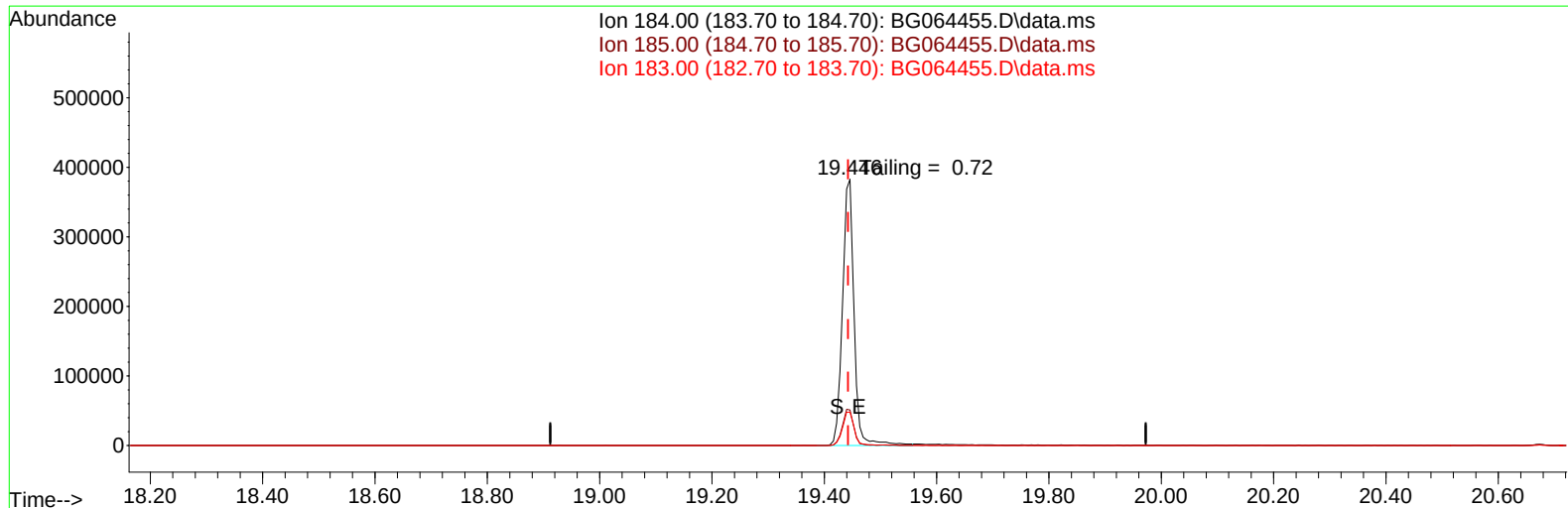
**response 113326**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 265.70 | 100.00 | 100.00 |
| 268.00 | 64.90  | 61.46  |
| 264.00 | 65.50  | 64.34  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092925\  
Data File : BG064455.D  
Acq On : 29 Sep 2025 11:41  
Operator : RC/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP

Quant Time: Sep 29 19:15:20 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 29 18:04:12 2025  
Response via : Initial Calibration



TIC: BG064455.D\data.ms

**(77) Benzidine**

19.446min (+ 0.003) 35719.25 ng

response 544294

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 184.00 | 100.00 | 100.00 |
| 185.00 | 14.60  | 13.37  |
| 183.00 | 12.50  | 12.56  |
| 0.00   | 0.00   | 0.00   |

# DDT Breakdown

| Date          | Instrument Name  | DFTPP Data File    |
|---------------|------------------|--------------------|
| 9/29/2025     | BNA_G            | <u>BG064440.D</u>  |
|               |                  |                    |
|               |                  |                    |
| Compound Name | Response         | Retention Time     |
|               |                  |                    |
| DDT           | 364482           | 20.674             |
| DDD           | 4920             | 20.233             |
| DDE           | 334              | 19.728             |
|               |                  |                    |
|               |                  |                    |
| SUM(DDD+DDE)  | SUM(DDT+DDD+DDE) | % Breakdown Of DDT |
|               |                  |                    |
| 5254          | 369736           | 1.42               |
|               |                  |                    |

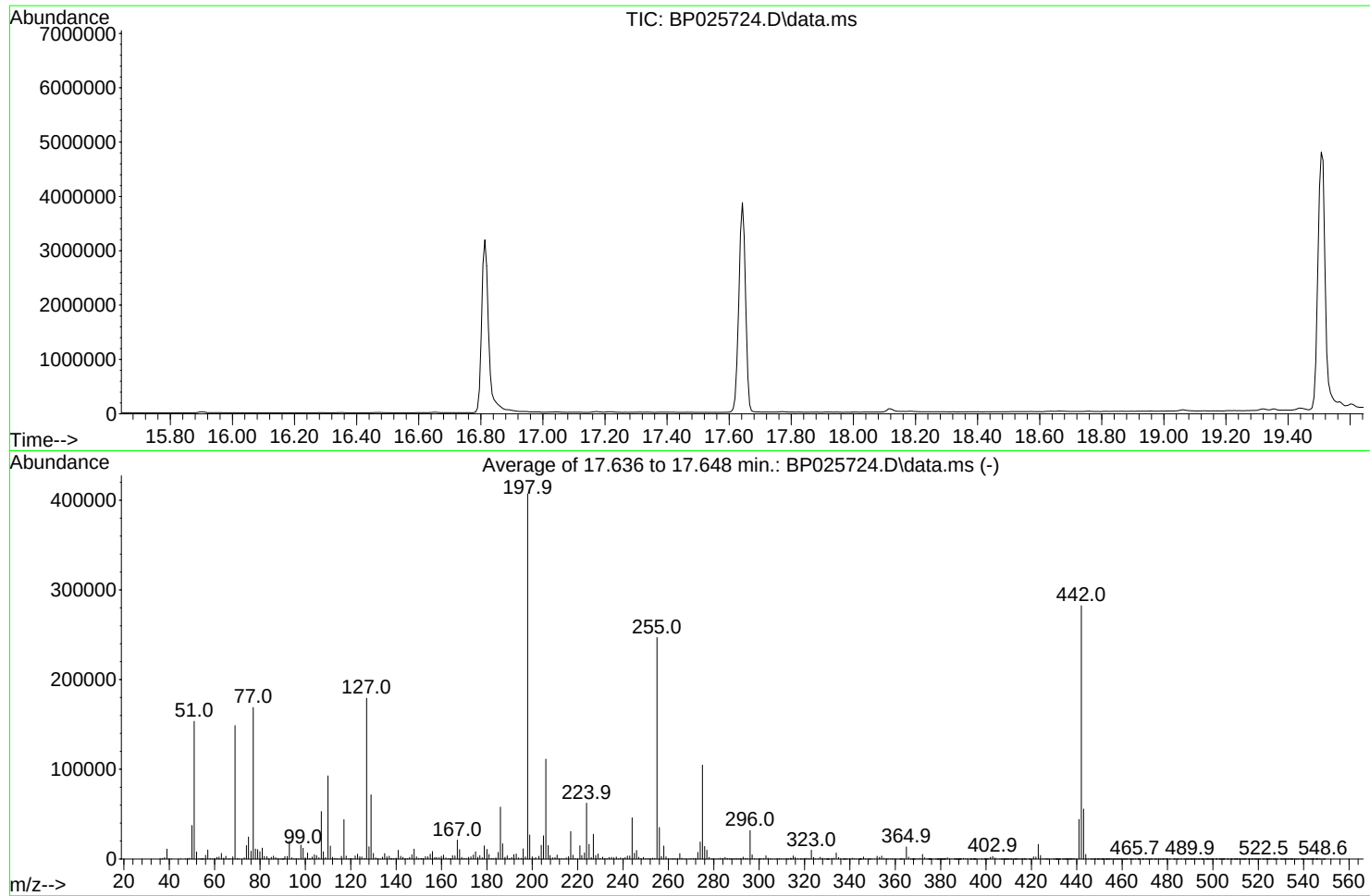
Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
Data File : BP025724.D  
Acq On : 11 Sep 2025 08:09  
Operator : CG/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
Last Update : Thu Sep 11 16:45:04 2025



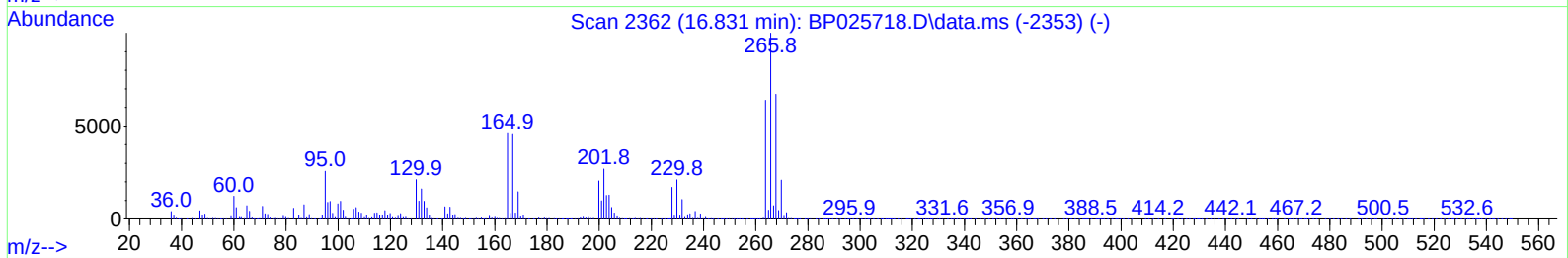
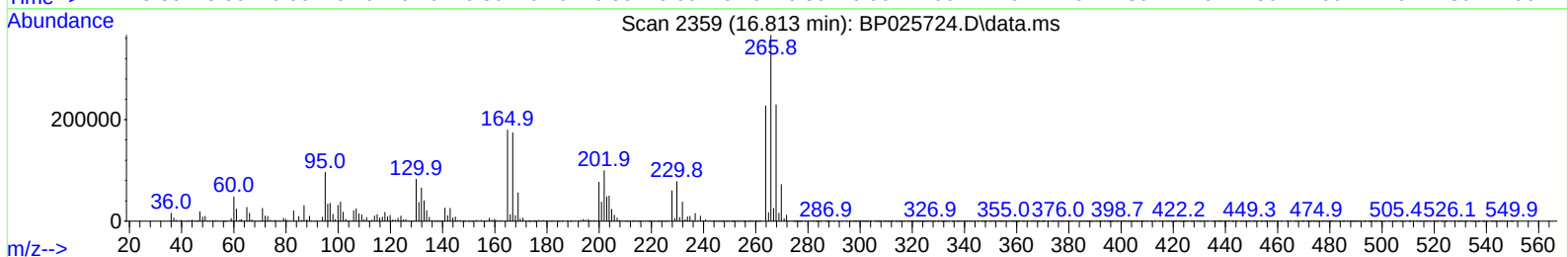
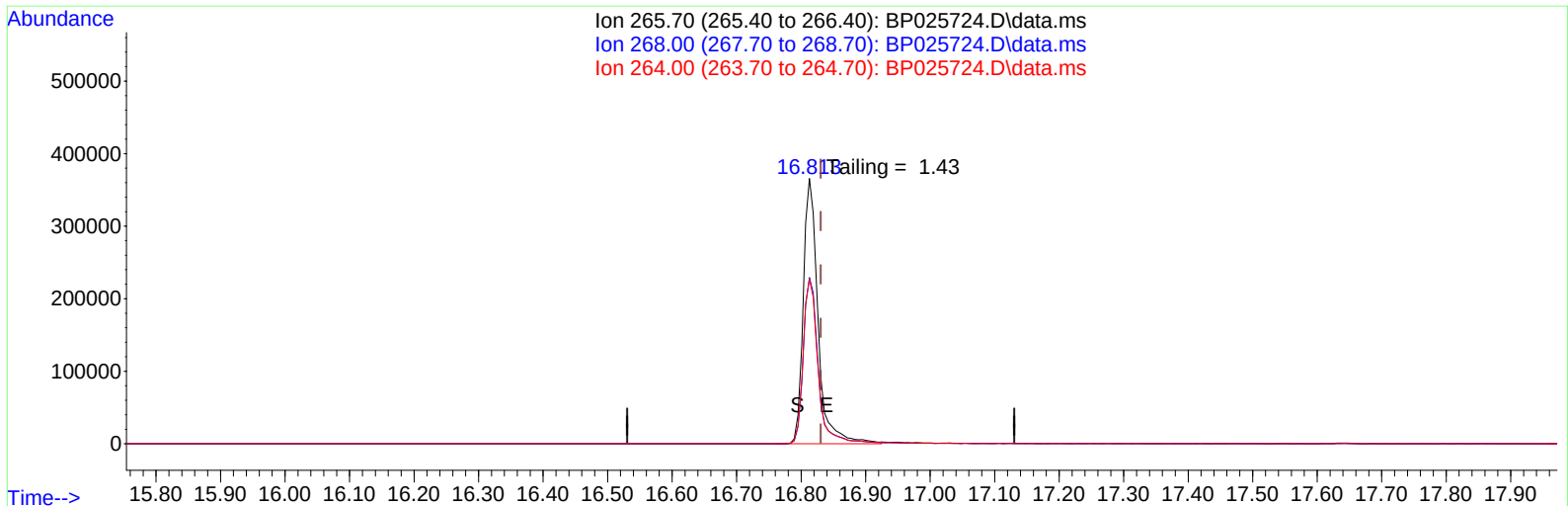
AutoFind: Scans 2499, 2500, 2501; Background Corrected with Scan 2490

| Target | Rel. to | Lower  | Upper  | Rel.  | Raw    | Result    |
|--------|---------|--------|--------|-------|--------|-----------|
| Mass   | Mass    | Limit% | Limit% | Abn%  | Abn    | Pass/Fail |
| 68     | 69      | 0.00   | 2      | 1.6   | 2392   | PASS      |
| 69     | 69      | 100    | 100    | 100.0 | 148681 | PASS      |
| 70     | 69      | 0.00   | 2      | 0.5   | 775    | PASS      |
| 197    | 198     | 0.00   | 2      | 0.6   | 2274   | PASS      |
| 198    | 198     | 100    | 100    | 100.0 | 407104 | PASS      |
| 199    | 198     | 5      | 9      | 6.6   | 26775  | PASS      |
| 365    | 198     | 1      | 100    | 3.3   | 13409  | PASS      |
| 441    | 443     | 0.01   | 150    | 79.1  | 44067  | PASS      |
| 442    | 442     | 100    | 100    | 100.0 | 282368 | PASS      |
| 443    | 442     | 15     | 24     | 19.7  | 55680  | PASS      |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
Data File : BP025724.D  
Acq On : 11 Sep 2025 08:09  
Operator : CG/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DFTPP

Quant Time: Sep 11 12:58:54 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091125.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 09:20:45 2025  
Response via : Initial Calibration



TIC: BP025724.D\data.ms

**(70) Pentachlorophenol (C)**

16.813min (-0.018) 7217.81 ng

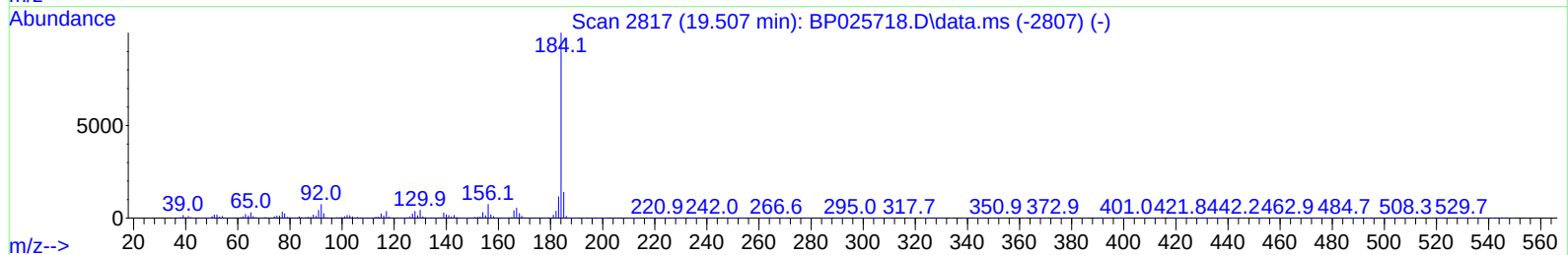
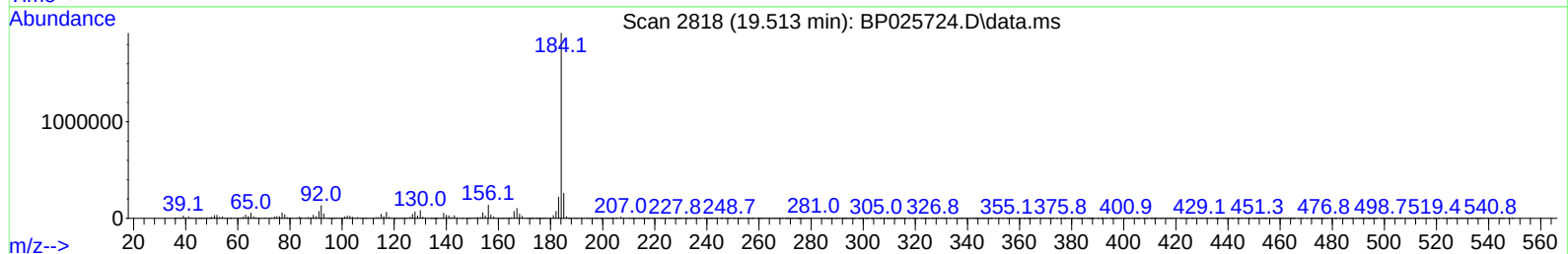
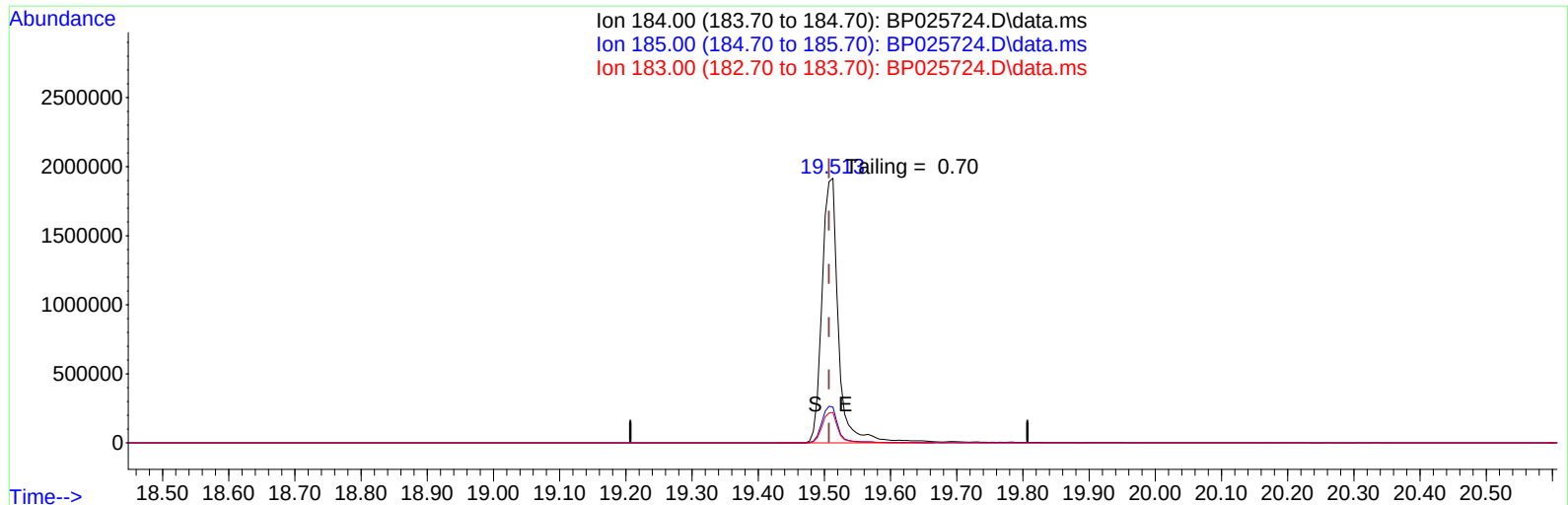
response 589827

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 265.70 | 100.00 | 100.00 |
| 268.00 | 67.10  | 62.64  |
| 264.00 | 63.80  | 62.05  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
Data File : BP025724.D  
Acq On : 11 Sep 2025 08:09  
Operator : CG/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DFTPP

Quant Time: Sep 11 12:58:54 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091125.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 09:20:45 2025  
Response via : Initial Calibration



TIC: BP025724.D\data.ms

**(77) Benzidine**

19.513min (+ 0.006) 4369.52 ng

response 3272403

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 184.00 | 100.00 | 100.00 |
| 185.00 | 14.00  | 13.55  |
| 183.00 | 11.50  | 11.52  |
| 0.00   | 0.00   | 0.00   |

# DDT Breakdown

| Date          | Instrument Name  | DFTPP Data File    |
|---------------|------------------|--------------------|
| 9/12/2025     | BNA_P            | <u>BP025724.D</u>  |
|               |                  |                    |
|               |                  |                    |
| Compound Name | Response         | Retention Time     |
|               |                  |                    |
| DDT           | 1712718          | 20.801             |
| DDD           | 33235            | 20.342             |
| DDE           | 3389             | 19.813             |
|               |                  |                    |
|               |                  |                    |
| SUM(DDD+DDE)  | SUM(DDT+DDD+DDE) | % Breakdown Of DDT |
|               |                  |                    |
| 36624         | 1749342          | 2.09               |
|               |                  |                    |

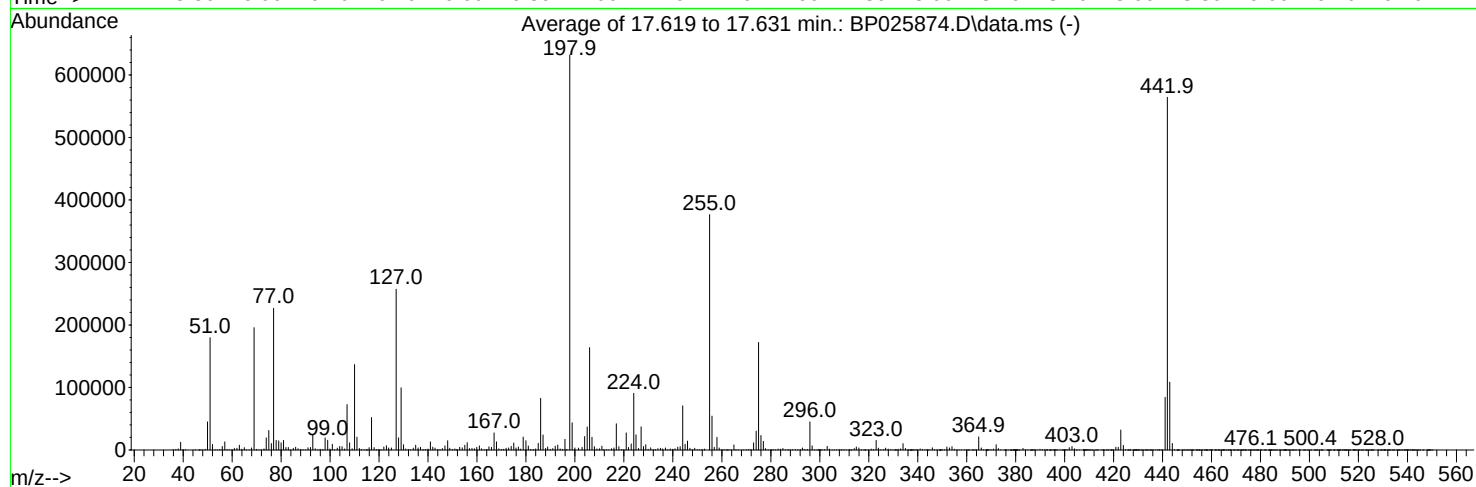
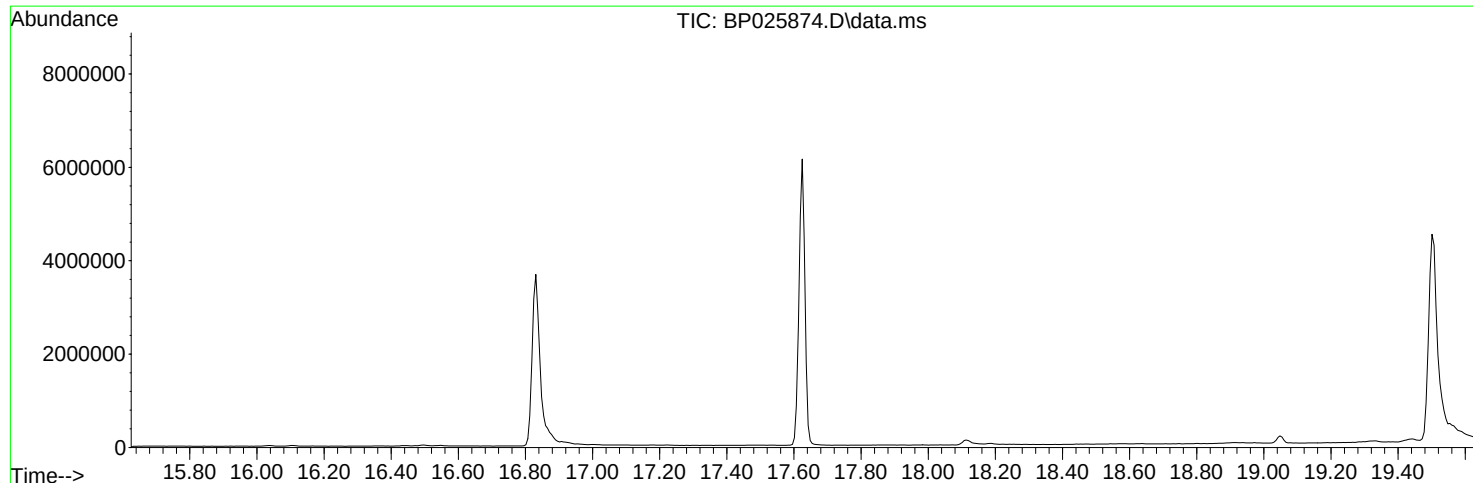
Instrument :  
BNA\_P  
ClientSampleId :  
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092925\  
Data File : BP025874.D  
Acq On : 29 Sep 2025 10:11  
Operator : CG/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
Last Update : Thu Sep 11 16:45:04 2025



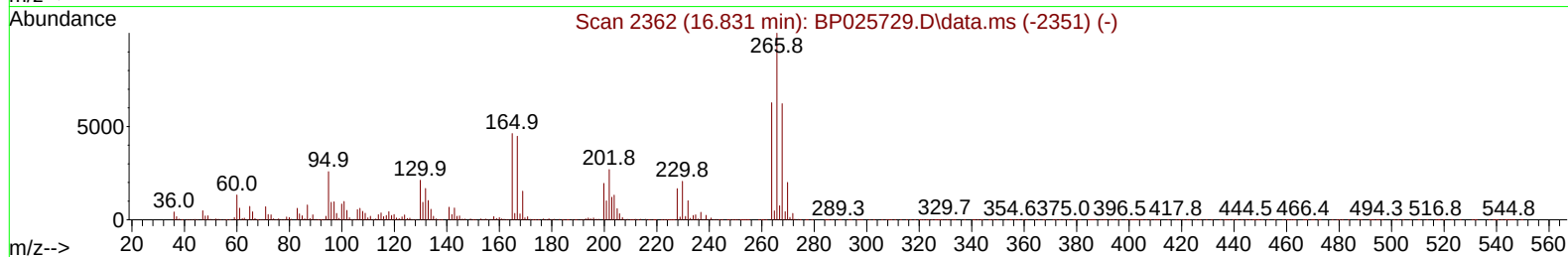
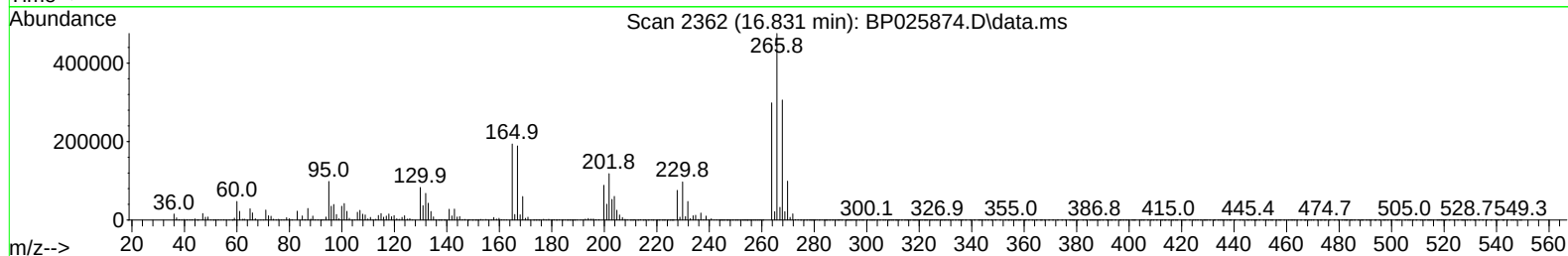
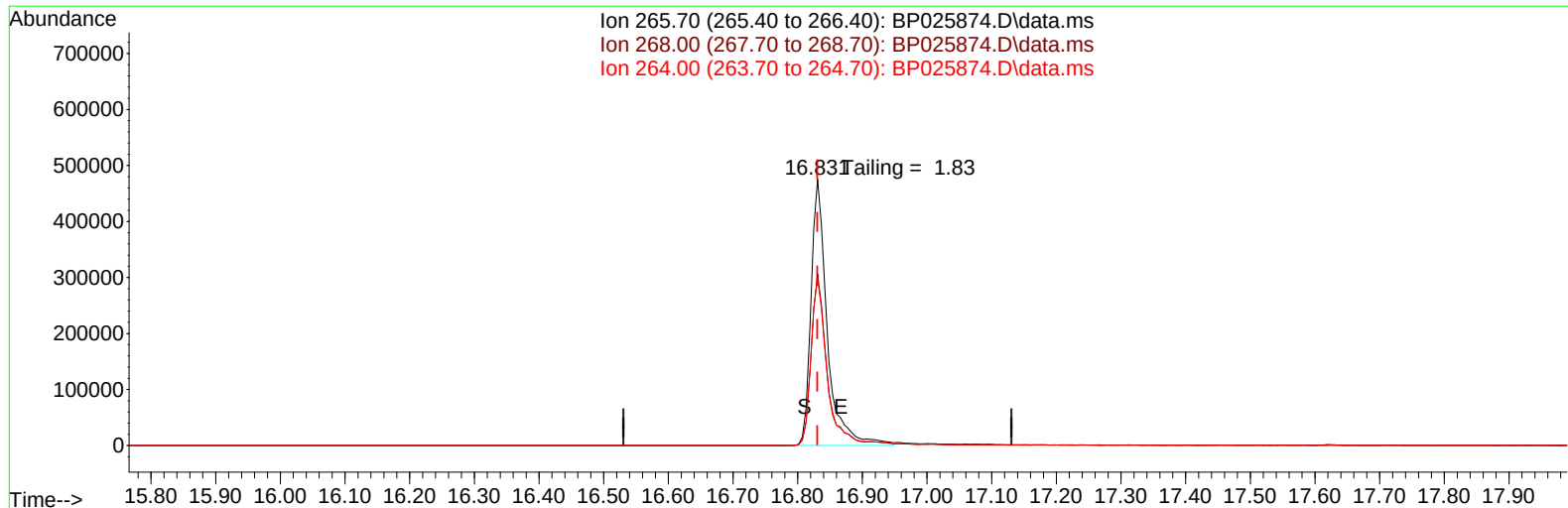
AutoFind: Scans 2496, 2497, 2498; Background Corrected with Scan 2485

| Target | Rel. to | Lower  | Upper  | Rel.  | Raw    | Result    |
|--------|---------|--------|--------|-------|--------|-----------|
| Mass   | Mass    | Limit% | Limit% | Abn%  | Abn    | Pass/Fail |
| 68     | 69      | 0.00   | 2      | 1.6   | 3224   | PASS      |
| 69     | 69      | 100    | 100    | 100.0 | 195709 | PASS      |
| 70     | 69      | 0.00   | 2      | 0.5   | 913    | PASS      |
| 197    | 198     | 0.00   | 2      | 0.2   | 1038   | PASS      |
| 198    | 198     | 100    | 100    | 100.0 | 631900 | PASS      |
| 199    | 198     | 5      | 9      | 6.9   | 43343  | PASS      |
| 365    | 198     | 1      | 100    | 3.3   | 20885  | PASS      |
| 441    | 443     | 0.01   | 150    | 77.6  | 84245  | PASS      |
| 442    | 442     | 100    | 100    | 100.0 | 564169 | PASS      |
| 443    | 442     | 15     | 24     | 19.2  | 108585 | PASS      |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092925\  
Data File : BP025874.D  
Acq On : 29 Sep 2025 10:11  
Operator : CG/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DFTPP

Quant Time: Sep 29 12:06:29 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 16:45:04 2025  
Response via : Initial Calibration



TIC: BP025874.D\data.ms

**(70) Pentachlorophenol (C)**

**16.831min (+ 0.000) 45846.44 ng**

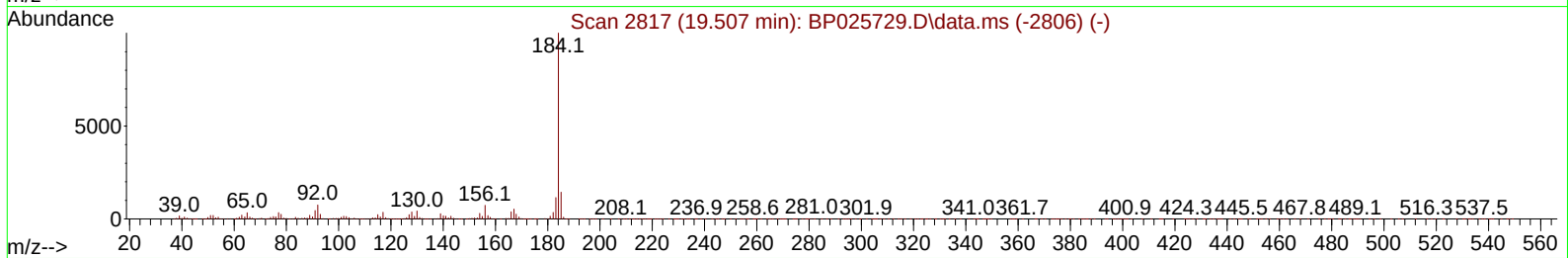
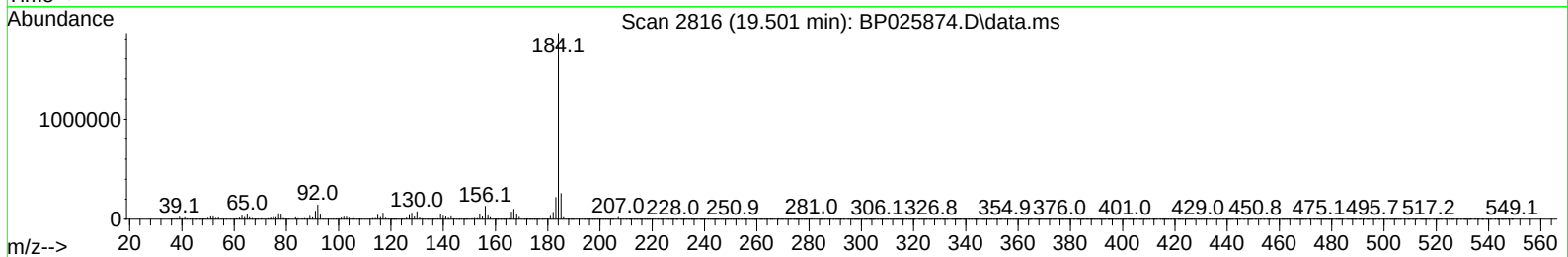
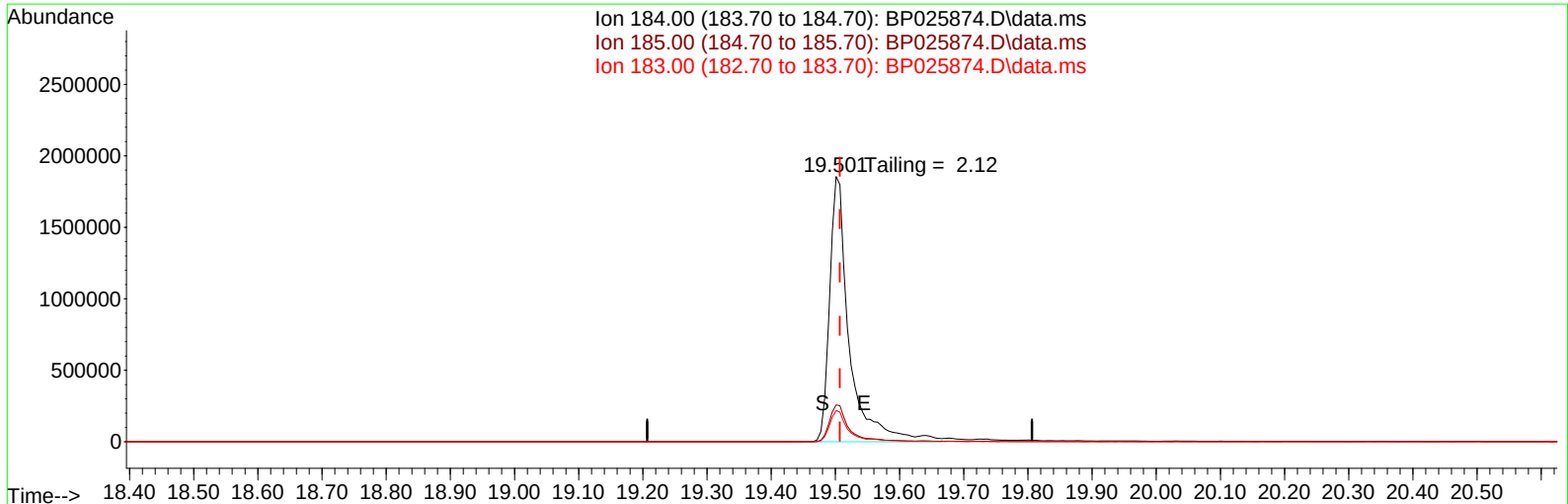
**response 845567**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 265.70 | 100.00 | 100.00 |
| 268.00 | 62.30  | 64.31  |
| 264.00 | 62.70  | 62.77  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092925\  
Data File : BP025874.D  
Acq On : 29 Sep 2025 10:11  
Operator : CG/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DFTPP

Quant Time: Sep 29 12:06:29 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 16:45:04 2025  
Response via : Initial Calibration



TIC: BP025874.D\data.ms

**(77) Benzidine**

**19.501min (-0.006) 31908.41 ng**

**response 3894366**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 184.00 | 100.00 | 100.00 |
| 185.00 | 14.40  | 13.90  |
| 183.00 | 11.50  | 11.77  |
| 0.00   | 0.00   | 0.00   |

# DDT Breakdown

| Date          | Instrument Name  | DFTPP Data File    |
|---------------|------------------|--------------------|
| 9/29/2025     | BNA_P            | <u>BP025874.D</u>  |
|               |                  |                    |
|               |                  |                    |
| Compound Name | Response         | Retention Time     |
|               |                  |                    |
| DDT           | 2183238          | 20.783             |
| DDD           | 44359            | 20.33              |
| DDE           | 8549             | 19.795             |
|               |                  |                    |
|               |                  |                    |
| SUM(DDD+DDE)  | SUM(DDT+DDD+DDE) | % Breakdown Of DDT |
|               |                  |                    |
| 52908         | 2236146          | 2.37               |
|               |                  |                    |

Instrument :  
BNA\_P  
ClientSampleId :  
DFTPP

## Report of Analysis

|                    |                                     |                 |                   |
|--------------------|-------------------------------------|-----------------|-------------------|
| Client:            | ENTACT                              | Date Collected: |                   |
| Project:           | 540 Degraw St, Brooklyn, NY - E9309 | Date Received:  |                   |
| Client Sample ID:  | PB169873BL                          | SDG No.:        | Q3181             |
| Lab Sample ID:     | PB169873BL                          | Matrix:         | TCLP              |
| Analytical Method: | 8270E                               | % Solid:        | 0                 |
| Sample Wt/Vol:     | 1000      Units:    mL              | Final Vol:      | 1000      uL      |
| Soil Aliquot Vol:  | uL                                  | Test:           | TCLP BNA          |
| 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 |
| BG064457.D        | 1         | 09/26/25 11:10 | 09/29/25 13:02 | PB169873      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL                 | LOQ / CRQL | Units    |
|---------------------------|------------------------|---------|-----------|---------------------|------------|----------|
| <b>TARGETS</b>            |                        |         |           |                     |            |          |
| 110-86-1                  | Pyridine               | 0.0013  | U         | 0.0013              | 0.0050     | mg/L     |
| 106-46-7                  | 1,4-Dichlorobenzene    | 0.00053 | U         | 0.00053             | 0.0050     | mg/L     |
| 95-48-7                   | 2-Methylphenol         | 0.0011  | U         | 0.0011              | 0.0050     | mg/L     |
| 65794-96-9                | 3+4-Methylphenols      | 0.0011  | U         | 0.0011              | 0.010      | mg/L     |
| 67-72-1                   | Hexachloroethane       | 0.00065 | U         | 0.00065             | 0.0050     | mg/L     |
| 98-95-3                   | Nitrobenzene           | 0.00076 | U         | 0.00076             | 0.0050     | mg/L     |
| 87-68-3                   | Hexachlorobutadiene    | 0.00054 | U         | 0.00054             | 0.0050     | mg/L     |
| 88-06-2                   | 2,4,6-Trichlorophenol  | 0.00051 | U         | 0.00051             | 0.0050     | mg/L     |
| 95-95-4                   | 2,4,5-Trichlorophenol  | 0.00062 | U         | 0.00062             | 0.0050     | mg/L     |
| 121-14-2                  | 2,4-Dinitrotoluene     | 0.0012  | U         | 0.0012              | 0.0050     | mg/L     |
| 118-74-1                  | Hexachlorobenzene      | 0.00052 | U         | 0.00052             | 0.0050     | mg/L     |
| 87-86-5                   | Pentachlorophenol      | 0.0016  | U         | 0.0016              | 0.010      | mg/L     |
| <b>SURROGATES</b>         |                        |         |           |                     |            |          |
| 367-12-4                  | 2-Fluorophenol         | 143     |           | 15 (23) - 110 (138) | 96%        | SPK: 150 |
| 13127-88-3                | Phenol-d6              | 140     |           | 15 (10) - 110 (134) | 94%        | SPK: 150 |
| 4165-60-0                 | Nitrobenzene-d5        | 91.1    |           | 30 (67) - 130 (132) | 91%        | SPK: 100 |
| 321-60-8                  | 2-Fluorobiphenyl       | 78.8    |           | 30 (52) - 130 (132) | 79%        | SPK: 100 |
| 118-79-6                  | 2,4,6-Tribromophenol   | 144     |           | 15 (44) - 110 (137) | 96%        | SPK: 150 |
| 1718-51-0                 | Terphenyl-d14          | 93.0    |           | 30 (42) - 130 (152) | 93%        | SPK: 100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |                     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 15800   | 7.838     |                     |            |          |
| 1146-65-2                 | Naphthalene-d8         | 63600   | 10.623    |                     |            |          |
| 15067-26-2                | Acenaphthene-d10       | 53400   | 14.46     |                     |            |          |
| 1517-22-2                 | Phenanthrene-d10       | 150000  | 17.203    |                     |            |          |
| 1719-03-5                 | Chrysene-d12           | 170000  | 21.428    |                     |            |          |
| 1520-96-3                 | Perylene-d12           | 187000  | 24.424    |                     |            |          |

### Report of Analysis

|                    |                                     |                  |                 |          |
|--------------------|-------------------------------------|------------------|-----------------|----------|
| Client:            | ENTACT                              |                  | Date Collected: |          |
| Project:           | 540 Degraw St, Brooklyn, NY - E9309 |                  | Date Received:  |          |
| Client Sample ID:  | PB169873BL                          |                  | SDG No.:        | Q3181    |
| Lab Sample ID:     | PB169873BL                          |                  | Matrix:         | TCLP     |
| Analytical Method: | 8270E                               |                  | % Solid:        | 0        |
| Sample Wt/Vol:     | 1000                                | Units: mL        | Final Vol:      | 1000 uL  |
| Soil Aliquot Vol:  |                                     | uL               | Test:           | TCLP BNA |
| 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 |
| BG064457.D        | 1         | 09/26/25 11:10 | 09/29/25 13:02 | PB169873      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092925\  
Data File : BG064457.D  
Acq On : 29 Sep 2025 13:02  
Operator : RC/JU  
Sample : PB169873BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PB169873BL

Quant Time: Sep 29 18:11:10 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 29 18:04:12 2025  
Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.838  | 152  | 15751    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.623 | 136  | 63617    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.460 | 164  | 53384    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.203 | 188  | 149845   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.428 | 240  | 170237   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.424 | 264  | 187310   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.429  | 112  | 118221   | 143.429 | ng    | 0.00     |
| 7) Phenol-d6                | 7.010  | 99   | 158449   | 140.318 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.990  | 82   | 106882   | 91.052  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.952 | 330  | 134606   | 144.434 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.085 | 172  | 284697   | 78.750  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.824 | 244  | 803405   | 93.032  | ng    | 0.00     |

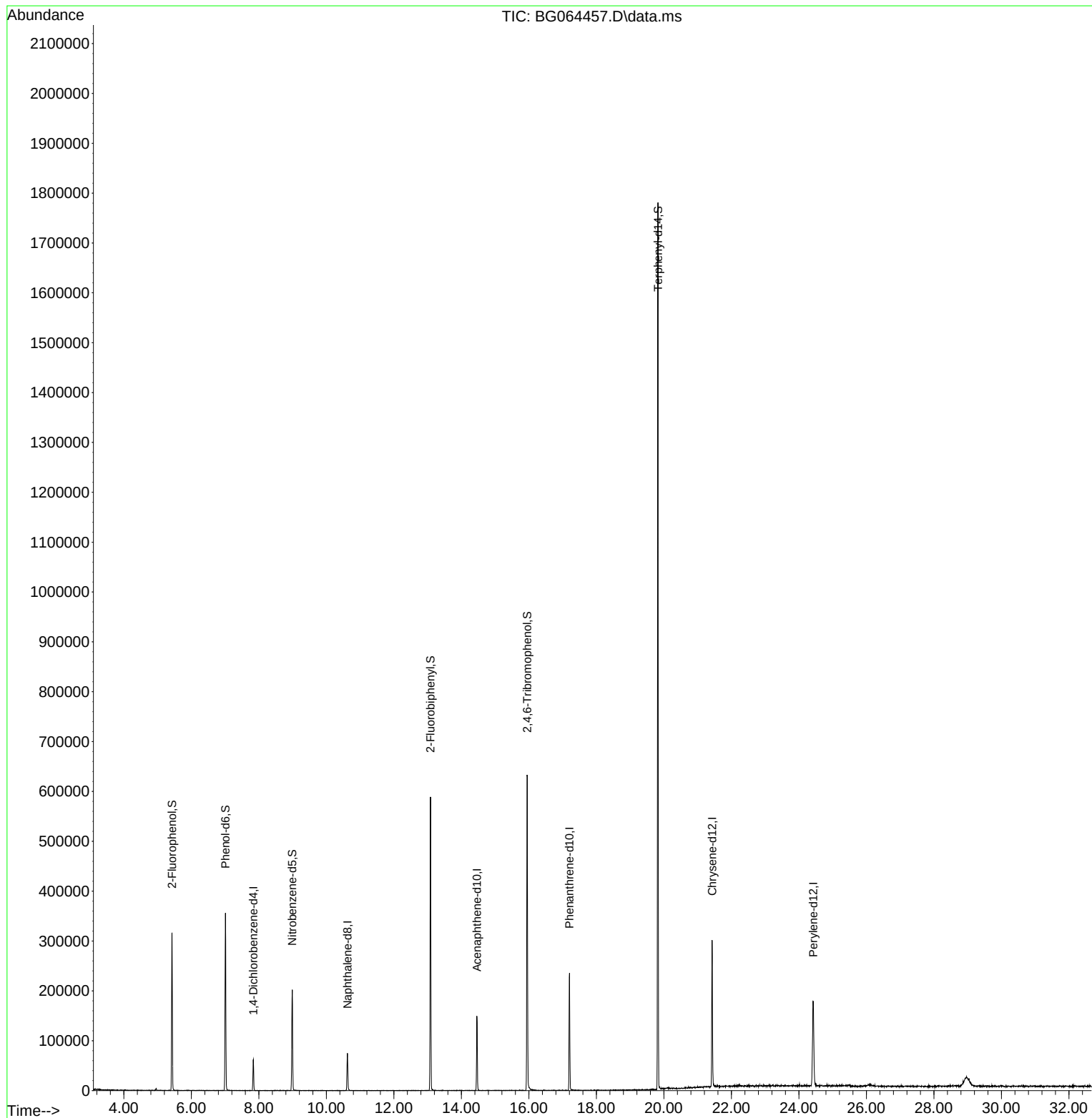
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            | -----  |

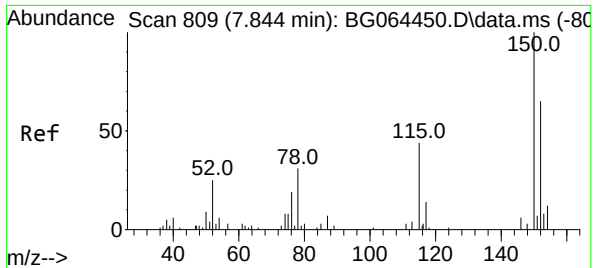
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092925\  
Data File : BG064457.D  
Acq On : 29 Sep 2025 13:02  
Operator : RC/JU  
Sample : PB169873BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PB169873BL

Quant Time: Sep 29 18:11:10 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 29 18:04:12 2025  
Response via : Initial Calibration

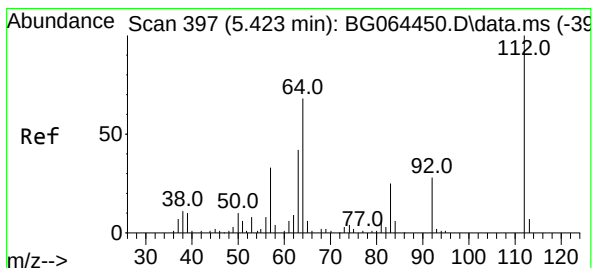
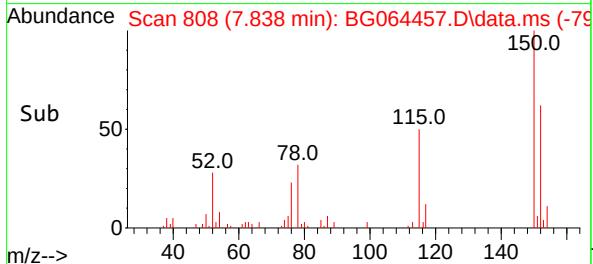
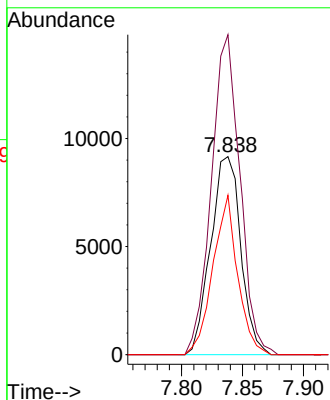
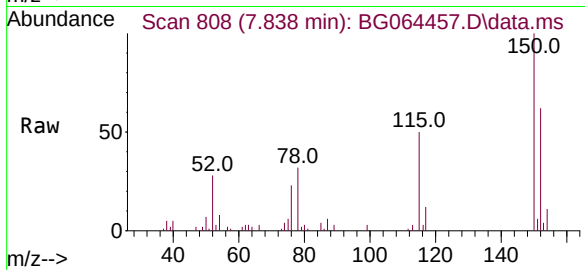




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.838 min Scan# 809  
Delta R.T. -0.006 min  
Lab File: BG064457.D  
Acq: 29 Sep 2025 13:02

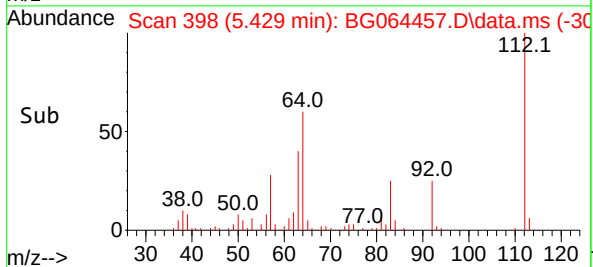
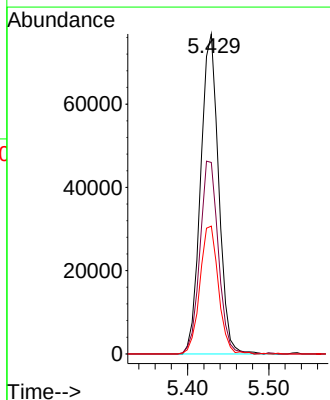
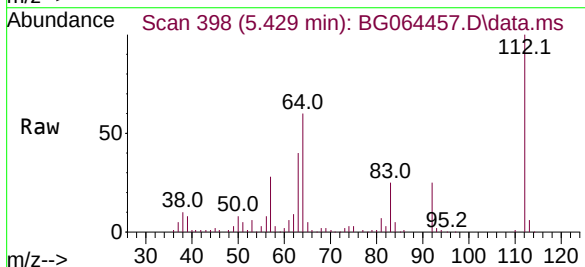
Instrument :  
BNA\_G  
ClientSampleId :  
PB169873BL

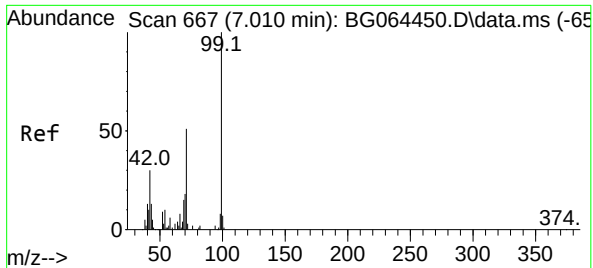
Tgt Ion:152 Resp: 15751  
Ion Ratio Lower Upper  
152 100  
150 161.5 122.9 184.3  
115 80.4 54.3 81.5



#5  
2-Fluorophenol  
Concen: 143.429 ng  
RT: 5.429 min Scan# 398  
Delta R.T. 0.006 min  
Lab File: BG064457.D  
Acq: 29 Sep 2025 13:02

Tgt Ion:112 Resp: 118221  
Ion Ratio Lower Upper  
112 100  
64 59.9 54.0 81.0  
63 40.0 33.8 50.6

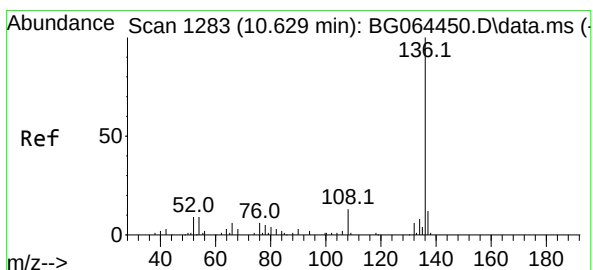
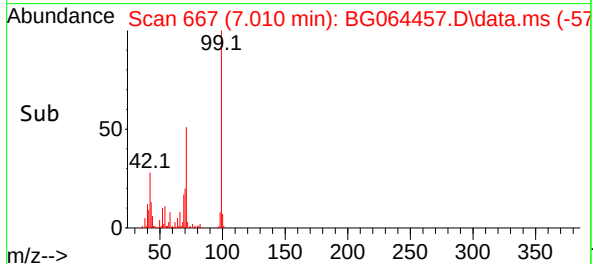
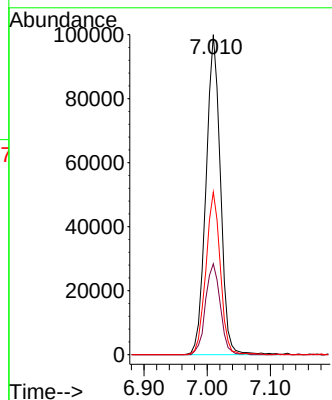
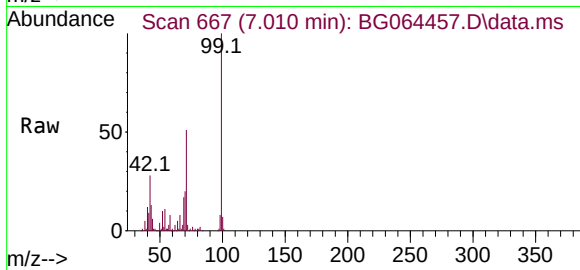




#7  
Phenol-d6  
Concen: 140.318 ng  
RT: 7.010 min Scan# 60  
Delta R.T. -0.000 min  
Lab File: BG064457.D  
Acq: 29 Sep 2025 13:02

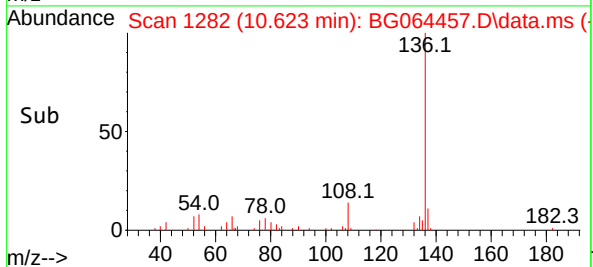
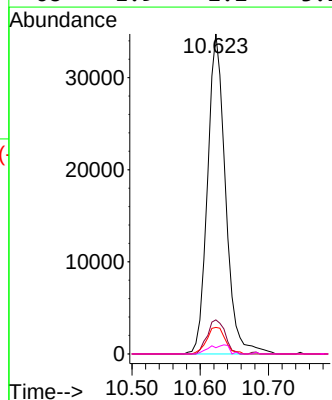
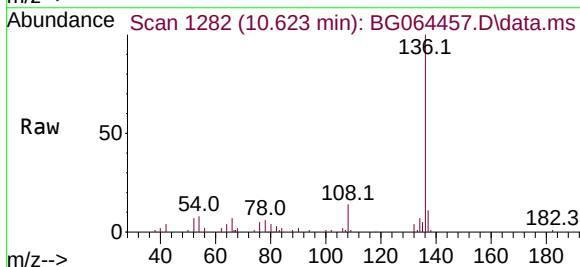
Instrument :  
BNA\_G  
ClientSampleId :  
PB169873BL

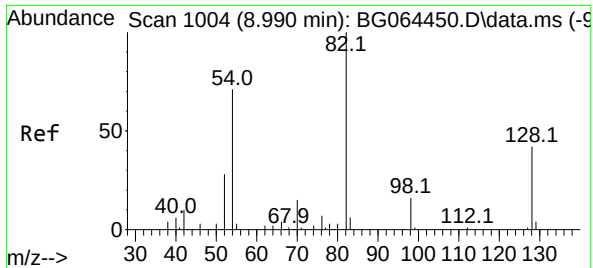
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 99    | Resp: | 158449 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 28.4  | 24.0  | 36.0   |
| 71       | 50.8  | 40.5  | 60.7   |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.623 min Scan# 1282  
Delta R.T. -0.006 min  
Lab File: BG064457.D  
Acq: 29 Sep 2025 13:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 63617 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 10.6  | 9.6   | 14.4  |
| 54       | 8.3   | 7.4   | 11.2  |
| 68       | 1.9   | 2.2   | 3.2   |





#23

Nitrobenzene-d5

Concen: 91.052 ng

RT: 8.990 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BG064457.D

Acq: 29 Sep 2025 13:02

Instrument :

BNA\_G

ClientSampleId :

PB169873BL

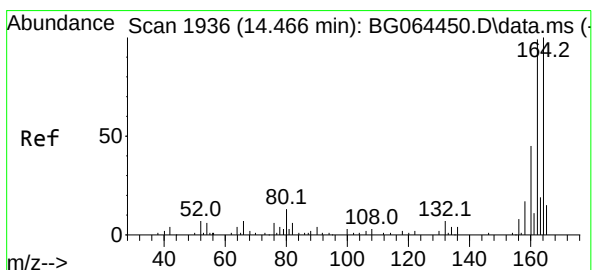
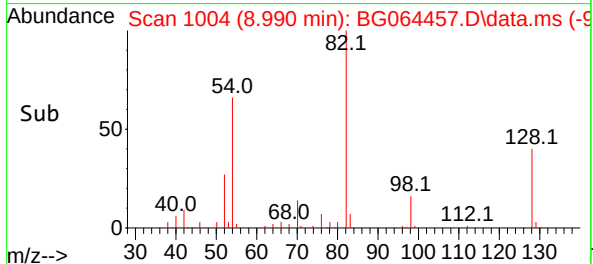
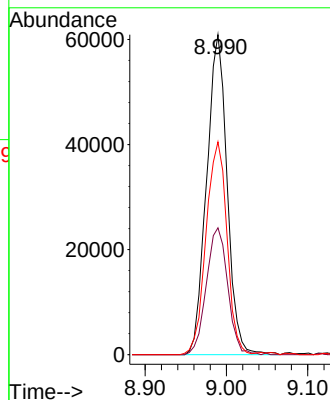
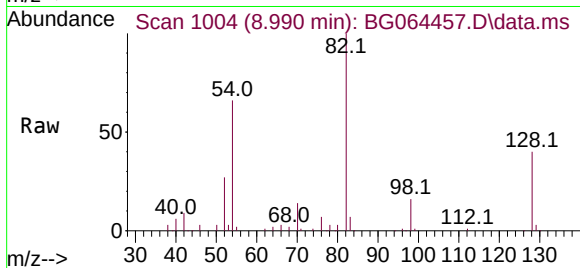
Tgt Ion: 82 Resp: 106882

Ion Ratio Lower Upper

82 100

128 39.6 33.7 50.5

54 66.5 57.0 85.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.460 min Scan# 1935

Delta R.T. -0.006 min

Lab File: BG064457.D

Acq: 29 Sep 2025 13:02

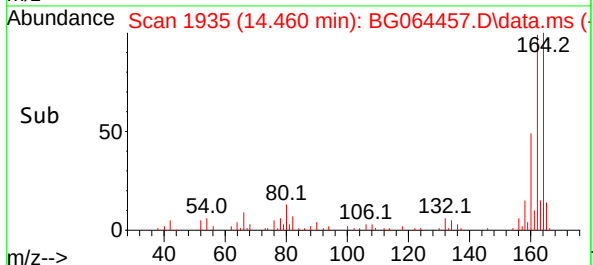
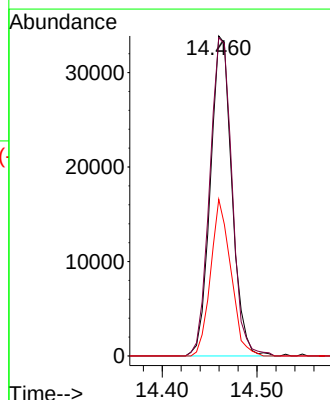
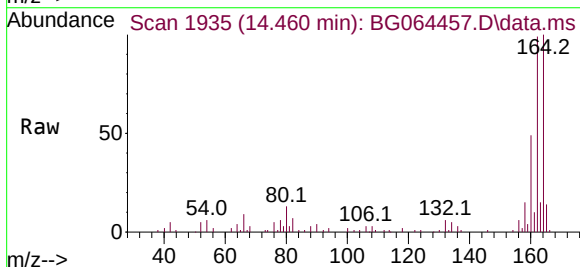
Tgt Ion:164 Resp: 53384

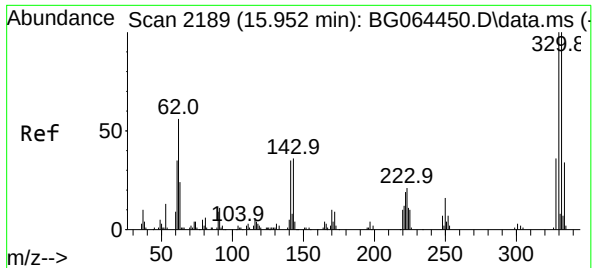
Ion Ratio Lower Upper

164 100

162 99.4 79.0 118.4

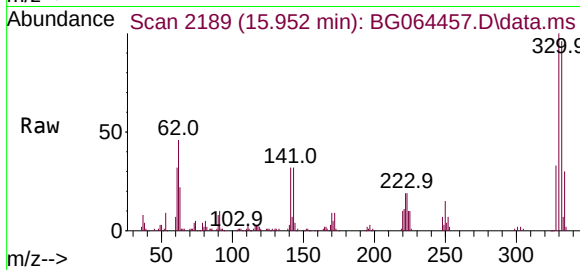
160 48.9 36.3 54.5



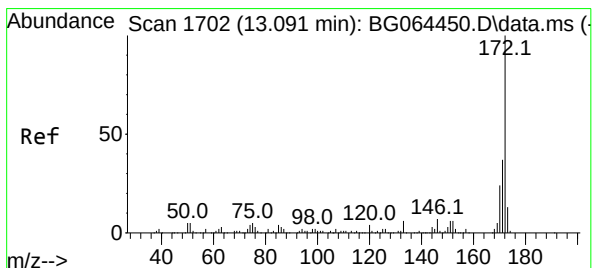
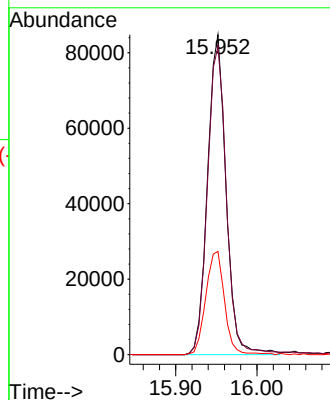
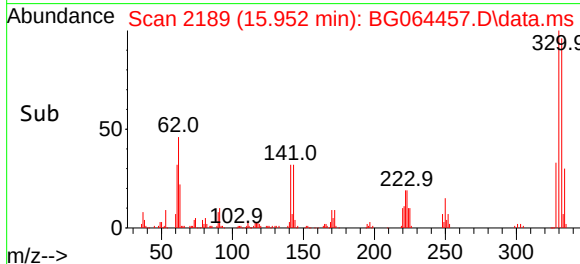


#42  
2,4,6-Tribromophenol  
Concen: 144.434 ng  
RT: 15.952 min Scan# 2189  
Delta R.T. -0.000 min  
Lab File: BG064457.D  
Acq: 29 Sep 2025 13:02

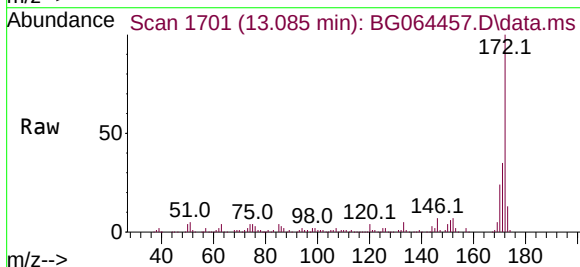
Instrument :  
BNA\_G  
ClientSampleId :  
PB169873BL



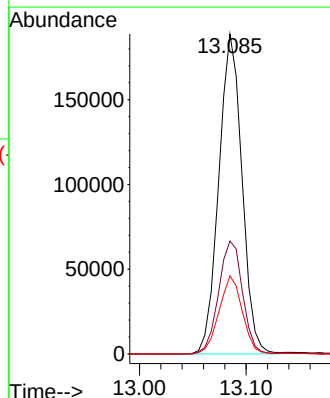
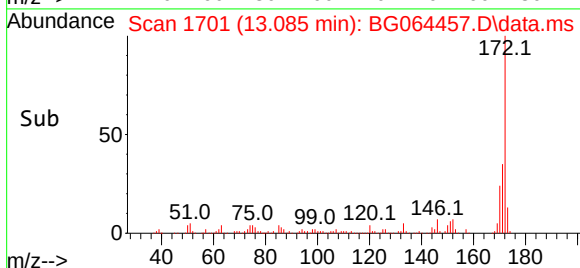
Tgt Ion:330 Resp: 134606  
Ion Ratio Lower Upper  
330 100  
332 98.3 78.8 118.2  
141 32.6 27.3 40.9

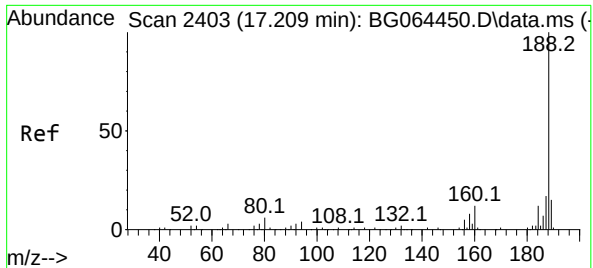


#45  
2-Fluorobiphenyl  
Concen: 78.750 ng  
RT: 13.085 min Scan# 1701  
Delta R.T. -0.006 min  
Lab File: BG064457.D  
Acq: 29 Sep 2025 13:02



Tgt Ion:172 Resp: 284697  
Ion Ratio Lower Upper  
172 100  
171 35.3 29.4 44.2  
170 24.4 18.9 28.3

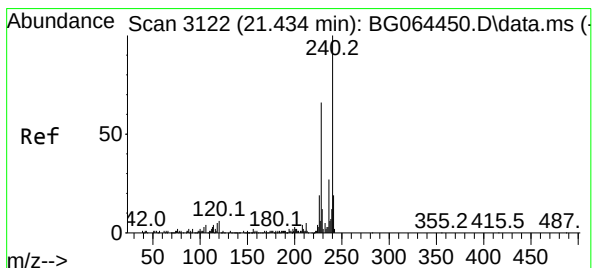
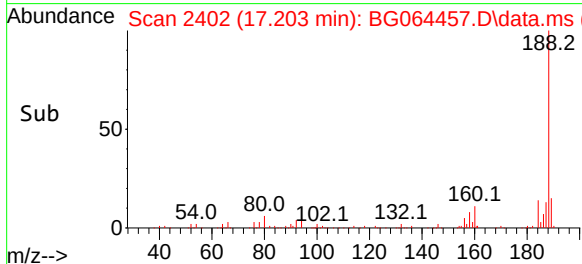
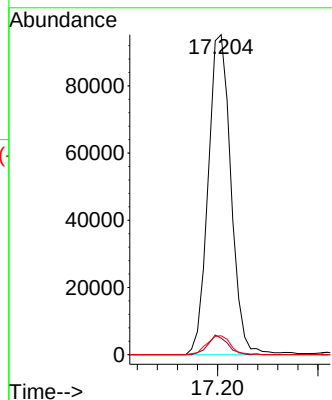
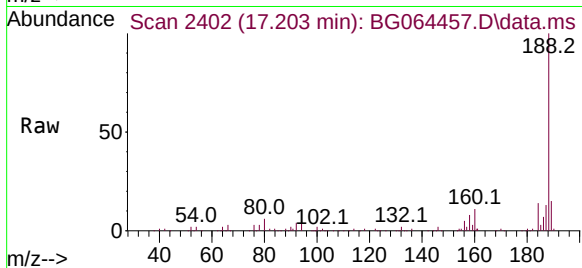




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.203 min Scan# 2402  
Delta R.T. -0.006 min  
Lab File: BG064457.D  
Acq: 29 Sep 2025 13:02

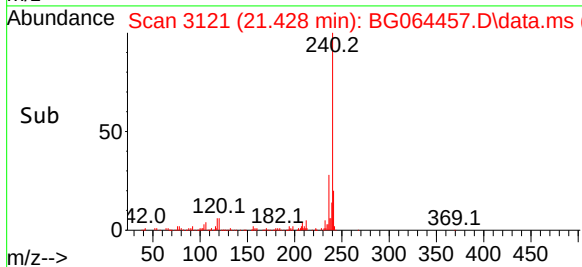
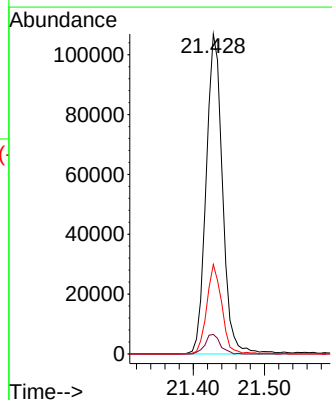
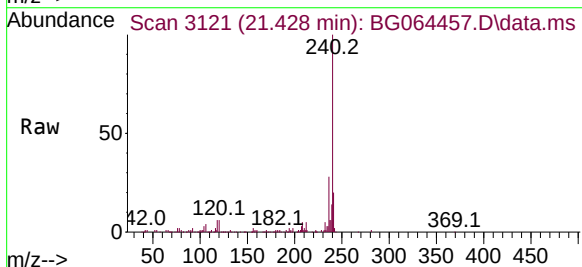
Instrument :  
BNA\_G  
ClientSampleId :  
PB169873BL

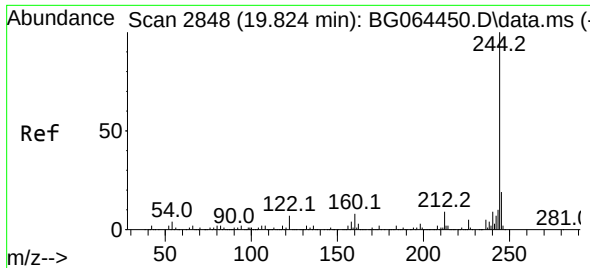
Tgt Ion:188 Resp: 149845  
Ion Ratio Lower Upper  
188 100  
94 5.1 3.0 4.4#  
80 5.9 4.9 7.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.428 min Scan# 3121  
Delta R.T. -0.006 min  
Lab File: BG064457.D  
Acq: 29 Sep 2025 13:02

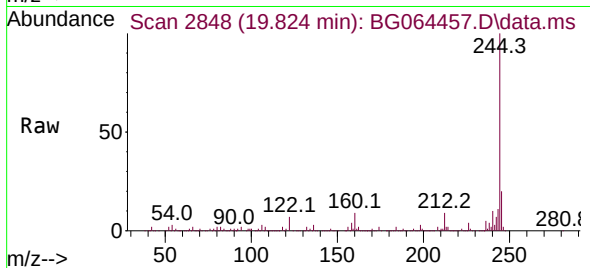
Tgt Ion:240 Resp: 170237  
Ion Ratio Lower Upper  
240 100  
120 6.1 5.0 7.4  
236 27.9 21.9 32.9



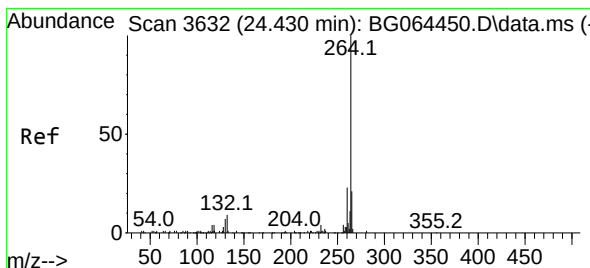
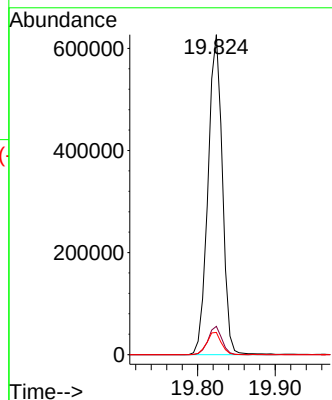
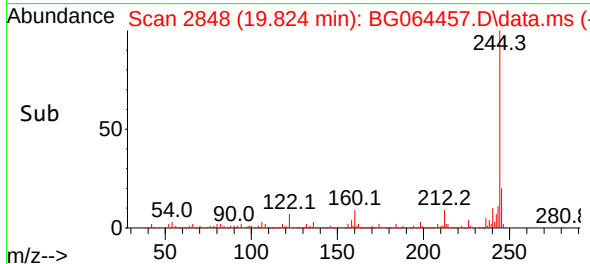


#79  
 Terphenyl-d14  
 Concen: 93.032 ng  
 RT: 19.824 min Scan# 2848  
 Delta R.T. -0.000 min  
 Lab File: BG064457.D  
 Acq: 29 Sep 2025 13:02

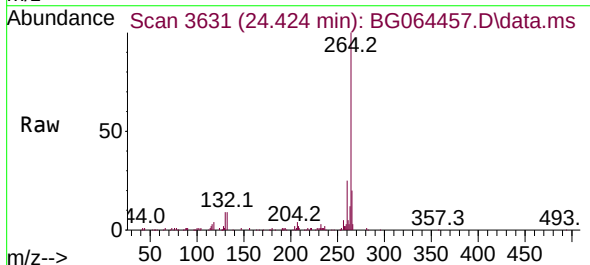
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB169873BL



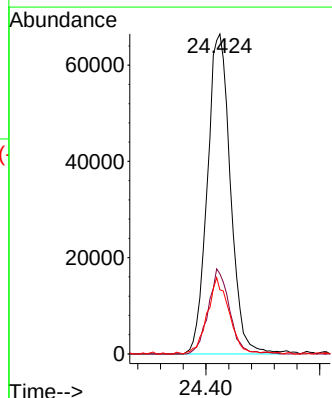
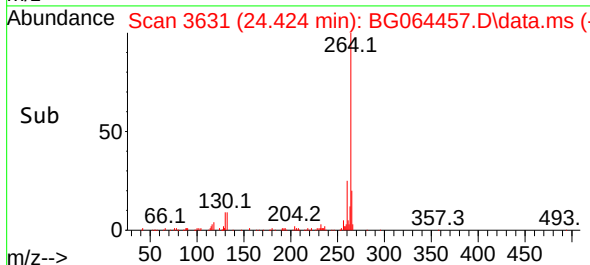
Tgt Ion:244 Resp: 803405  
 Ion Ratio Lower Upper  
 244 100  
 212 8.8 7.2 10.8  
 122 6.9 5.7 8.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.424 min Scan# 3631  
 Delta R.T. -0.006 min  
 Lab File: BG064457.D  
 Acq: 29 Sep 2025 13:02



Tgt Ion:264 Resp: 187310  
 Ion Ratio Lower Upper  
 264 100  
 260 25.0 18.6 27.8  
 265 20.0 16.7 25.1



## Report of Analysis

|                    |                                     |                 |          |
|--------------------|-------------------------------------|-----------------|----------|
| Client:            | ENTACT                              | Date Collected: |          |
| Project:           | 540 Degraw St, Brooklyn, NY - E9309 | Date Received:  |          |
| Client Sample ID:  | PB169873BS                          | SDG No.:        | Q3181    |
| Lab Sample ID:     | PB169873BS                          | Matrix:         | TCLP     |
| Analytical Method: | 8270E                               | % Solid:        | 0        |
| Sample Wt/Vol:     | 1000 Units: mL                      | Final Vol:      | 1000 uL  |
| Soil Aliquot Vol:  | uL                                  | Test:           | TCLP BNA |
| 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 |
| BG064458.D        | 1         | 09/26/25 11:10 | 09/29/25 13:43 | PB169873      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units    |
|---------------------------|------------------------|--------|-----------|---------------------|------------|----------|
| <b>TARGETS</b>            |                        |        |           |                     |            |          |
| 110-86-1                  | Pyridine               | 0.034  |           | 0.0013              | 0.0050     | mg/L     |
| 106-46-7                  | 1,4-Dichlorobenzene    | 0.043  |           | 0.00053             | 0.0050     | mg/L     |
| 95-48-7                   | 2-Methylphenol         | 0.045  |           | 0.0011              | 0.0050     | mg/L     |
| 65794-96-9                | 3+4-Methylphenols      | 0.045  |           | 0.0011              | 0.010      | mg/L     |
| 67-72-1                   | Hexachloroethane       | 0.041  |           | 0.00065             | 0.0050     | mg/L     |
| 98-95-3                   | Nitrobenzene           | 0.047  |           | 0.00076             | 0.0050     | mg/L     |
| 87-68-3                   | Hexachlorobutadiene    | 0.044  |           | 0.00054             | 0.0050     | mg/L     |
| 88-06-2                   | 2,4,6-Trichlorophenol  | 0.051  |           | 0.00051             | 0.0050     | mg/L     |
| 95-95-4                   | 2,4,5-Trichlorophenol  | 0.051  |           | 0.00062             | 0.0050     | mg/L     |
| 121-14-2                  | 2,4-Dinitrotoluene     | 0.051  |           | 0.0012              | 0.0050     | mg/L     |
| 118-74-1                  | Hexachlorobenzene      | 0.045  |           | 0.00052             | 0.0050     | mg/L     |
| 87-86-5                   | Pentachlorophenol      | 0.097  | E         | 0.0016              | 0.010      | mg/L     |
| <b>SURROGATES</b>         |                        |        |           |                     |            |          |
| 367-12-4                  | 2-Fluorophenol         | 138    |           | 15 (23) - 110 (138) | 92%        | SPK: 150 |
| 13127-88-3                | Phenol-d6              | 138    |           | 15 (10) - 110 (134) | 92%        | SPK: 150 |
| 4165-60-0                 | Nitrobenzene-d5        | 91.5   |           | 30 (67) - 130 (132) | 91%        | SPK: 100 |
| 321-60-8                  | 2-Fluorobiphenyl       | 93.0   |           | 30 (52) - 130 (132) | 93%        | SPK: 100 |
| 118-79-6                  | 2,4,6-Tribromophenol   | 155    |           | 15 (44) - 110 (137) | 103%       | SPK: 150 |
| 1718-51-0                 | Terphenyl-d14          | 89.7   |           | 30 (42) - 130 (152) | 90%        | SPK: 100 |
| <b>INTERNAL STANDARDS</b> |                        |        |           |                     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 17900  | 7.839     |                     |            |          |
| 1146-65-2                 | Naphthalene-d8         | 71700  | 10.624    |                     |            |          |
| 15067-26-2                | Acenaphthene-d10       | 56700  | 14.46     |                     |            |          |
| 1517-22-2                 | Phenanthrene-d10       | 158000 | 17.204    |                     |            |          |
| 1719-03-5                 | Chrysene-d12           | 171000 | 21.435    |                     |            |          |
| 1520-96-3                 | Perylene-d12           | 184000 | 24.425    |                     |            |          |

## Report of Analysis

|                    |                                     |                 |                              |
|--------------------|-------------------------------------|-----------------|------------------------------|
| Client:            | ENTACT                              | Date Collected: |                              |
| Project:           | 540 Degraw St, Brooklyn, NY - E9309 | Date Received:  |                              |
| Client Sample ID:  | PB169873BS                          | SDG No.:        | Q3181                        |
| Lab Sample ID:     | PB169873BS                          | Matrix:         | TCLP                         |
| Analytical Method: | 8270E                               | % Solid:        | 0                            |
| Sample Wt/Vol:     | 1000      Units:    mL              | Final Vol:      | 1000                      uL |
| Soil Aliquot Vol:  | uL                                  | Test:           | TCLP BNA                     |
| 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 |
| BG064458.D        | 1         | 09/26/25 11:10 | 09/29/25 13:43 | PB169873      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092925\  
 Data File : BG064458.D  
 Acq On : 29 Sep 2025 13:43  
 Operator : RC/JU  
 Sample : PB169873BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB169873BS

Quant Time: Sep 29 18:24:13 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 29 18:04:12 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.839  | 152  | 17867    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.624 | 136  | 71713    | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.460 | 164  | 56728    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.204 | 188  | 158000   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.435 | 240  | 171068   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.425 | 264  | 184277   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.430  | 112  | 129409   | 138.409 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.016  | 99   | 176484   | 137.780 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.990  | 82   | 121053   | 91.482  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.953 | 330  | 153644   | 155.144 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.085 | 172  | 357214   | 92.984  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.825 | 244  | 778450   | 89.704  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.332  | 88   | 13920    | 35.479  | ng    | 91       |
| 3) Pyridine                   | 3.720  | 79   | 35584    | 33.641  | ng    | 89       |
| 4) n-Nitrosodimethylamine     | 3.638  | 42   | 33488    | 41.446  | ng    | 100      |
| 6) Aniline                    | 7.163  | 93   | 58851    | 35.480  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.404  | 128  | 53315    | 45.579  | ng    | 97       |
| 9) Benzaldehyde               | 6.975  | 77   | 27599    | 25.314  | ng    | 85       |
| 10) Phenol                    | 7.040  | 94   | 64888    | 46.786  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.263  | 93   | 39215    | 42.111  | ng    | 91       |
| 12) 1,3-Dichlorobenzene       | 7.727  | 146  | 57993    | 44.230  | ng    | 92       |
| 13) 1,4-Dichlorobenzene       | 7.874  | 146  | 57378    | 42.839  | ng    | 88       |
| 14) 1,2-Dichlorobenzene       | 8.191  | 146  | 56703    | 44.674  | ng    | 95       |
| 15) Benzyl Alcohol            | 8.074  | 79   | 53502    | 44.329  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.362  | 45   | 66023    | 40.660  | ng    | 98       |
| 17) 2-Methylphenol            | 8.279  | 107  | 45376    | 45.289  | ng    | 97       |
| 18) Hexachloroethane          | 8.914  | 117  | 20444    | 40.457  | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 8.638  | 70   | 37551    | 43.372  | ng    | # 90     |
| 20) 3+4-Methylphenols         | 8.608  | 107  | 62835    | 44.614  | ng    | 97       |
| 22) Acetophenone              | 8.655  | 105  | 89404    | 52.074  | ng    | # 95     |
| 24) Nitrobenzene              | 9.031  | 77   | 61013    | 47.236  | ng    | 97       |
| 25) Isophorone                | 9.554  | 82   | 106995   | 43.700  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.742  | 139  | 29288    | 46.065  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.807  | 122  | 53368    | 52.042  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.036 | 93   | 57348    | 45.339  | ng    | 95       |
| 29) 2,4-Dichlorophenol        | 10.277 | 162  | 56884    | 48.197  | ng    | 94       |
| 30) 1,2,4-Trichlorobenzene    | 10.489 | 180  | 61330    | 48.582  | ng    | 98       |
| 31) Naphthalene               | 10.677 | 128  | 169632   | 45.309  | ng    | 95       |
| 32) Benzoic acid              | 9.966  | 122  | 43861m   | 55.209  | ng    |          |
| 33) 4-Chloroaniline           | 10.782 | 127  | 40751    | 29.755  | ng    | 96       |
| 34) Hexachlorobutadiene       | 10.964 | 225  | 47658    | 44.320  | ng    | 92       |
| 35) Caprolactam               | 11.558 | 113  | 20038m   | 51.456  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.910 | 107  | 70444    | 50.356  | ng    | 93       |
| 37) 2-Methylnaphthalene       | 12.286 | 142  | 117439   | 41.542  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.504 | 142  | 133810   | 48.173  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.657 | 216  | 96508    | 53.381  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.639 | 237  | 130241   | 135.645 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.897 | 196  | 59772    | 50.685  | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092925\  
 Data File : BG064458.D  
 Acq On : 29 Sep 2025 13:43  
 Operator : RC/JU  
 Sample : PB169873BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB169873BS

Quant Time: Sep 29 18:24:13 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 29 18:04:12 2025  
 Response via : Initial Calibration

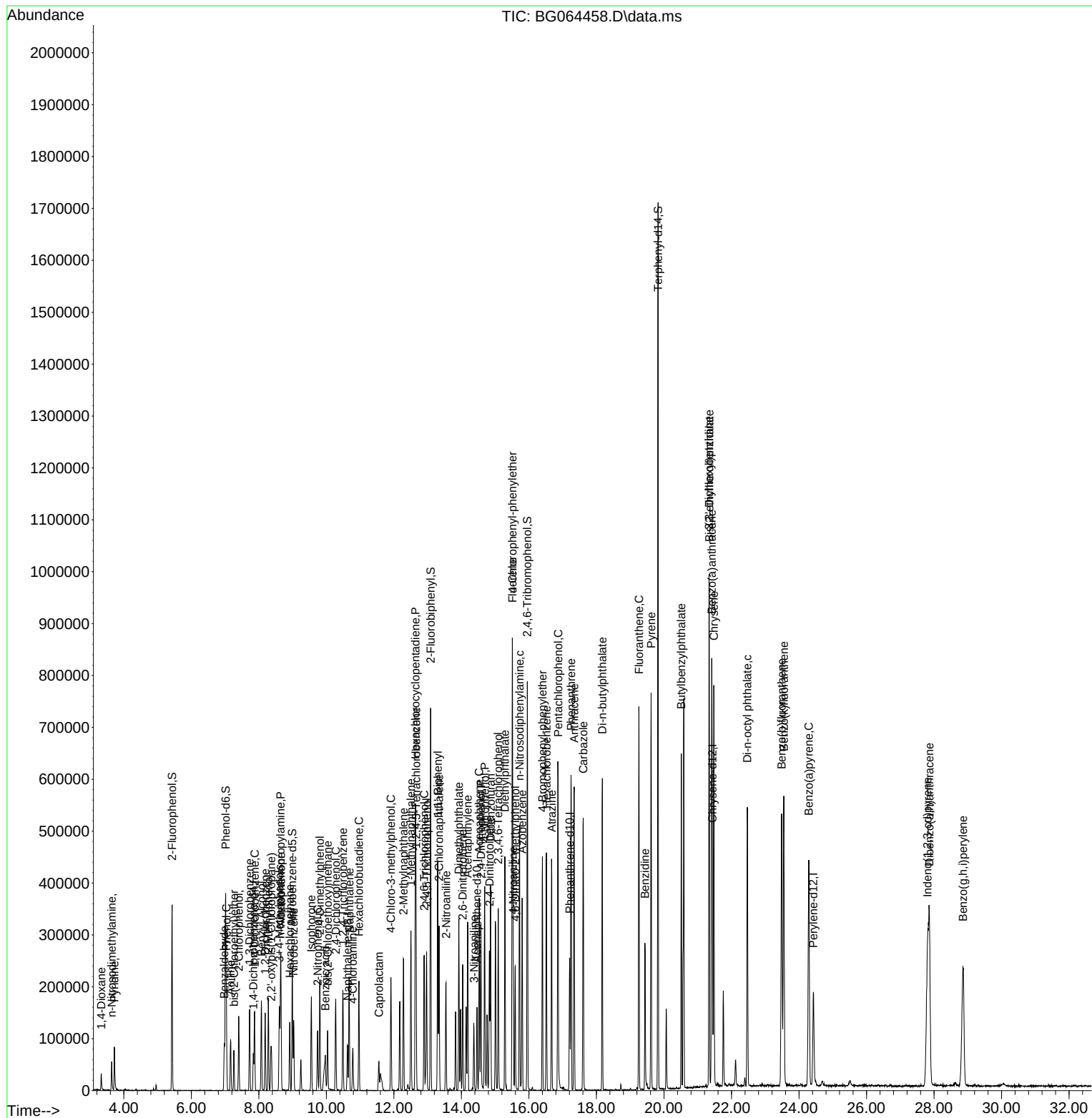
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.968 | 196  | 65247    | 50.722  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.297 | 154  | 218566   | 54.162  | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.338 | 162  | 148659   | 48.470  | ng    | 98       |
| 48) 2-Nitroaniline            | 13.544 | 65   | 55674    | 52.816  | ng    | 95       |
| 49) Acenaphthylene            | 14.184 | 152  | 236293   | 51.895  | ng    | 99       |
| 50) Dimethylphthalate         | 13.926 | 163  | 197401   | 45.550  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.037 | 165  | 43363    | 47.638  | ng    | # 82     |
| 52) Acenaphthene              | 14.525 | 154  | 137804   | 44.224  | ng    | 95       |
| 53) 3-Nitroaniline            | 14.372 | 138  | 28217    | 32.714  | ng    | 93       |
| 54) 2,4-Dinitrophenol         | 14.578 | 184  | 58420    | 96.637  | ng    | 98       |
| 55) Dibenzofuran              | 14.866 | 168  | 249526   | 48.297  | ng    | 96       |
| 56) 4-Nitrophenol             | 14.689 | 139  | 74802    | 107.139 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 14.830 | 165  | 71163    | 51.210  | ng    | # 98     |
| 58) Fluorene                  | 15.512 | 166  | 214681   | 50.336  | ng    | 96       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.089 | 232  | 69104    | 53.856  | ng    | 97       |
| 60) Diethylphthalate          | 15.289 | 149  | 235131   | 50.354  | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 15.506 | 204  | 111727   | 47.973  | ng    | 99       |
| 62) 4-Nitroaniline            | 15.536 | 138  | 49889    | 53.941  | ng    | 92       |
| 63) Azobenzene                | 15.800 | 77   | 187246   | 51.245  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.594 | 198  | 50834    | 46.968  | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.724 | 169  | 192189   | 45.584  | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 16.399 | 248  | 80799    | 43.644  | ng    | 95       |
| 68) Hexachlorobenzene         | 16.517 | 284  | 93751    | 44.498  | ng    | 99       |
| 69) Atrazine                  | 16.675 | 200  | 92960    | 48.530  | ng    | 98       |
| 70) Pentachlorophenol         | 16.863 | 266  | 123386   | 97.041  | ng    | 94       |
| 71) Phenanthrene              | 17.245 | 178  | 374963   | 45.658  | ng    | 98       |
| 72) Anthracene                | 17.339 | 178  | 386348   | 46.198  | ng    | 99       |
| 73) Carbazole                 | 17.610 | 167  | 349967   | 47.701  | ng    | 97       |
| 74) Di-n-butylphthalate       | 18.174 | 149  | 410208   | 45.709  | ng    | 99       |
| 75) Fluoranthene              | 19.261 | 202  | 469350   | 45.258  | ng    | 100      |
| 77) Benzidine                 | 19.437 | 184  | 166365   | 37.144  | ng    | 99       |
| 78) Pyrene                    | 19.619 | 202  | 484527   | 45.647  | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.512 | 149  | 181061   | 45.637  | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.417 | 228  | 509358   | 46.503  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.335 | 252  | 115990   | 30.792  | ng    | 97       |
| 83) Chrysene                  | 21.476 | 228  | 474117   | 45.706  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.340 | 149  | 265057   | 46.378  | ng    | # 97     |
| 85) Di-n-octyl phthalate      | 22.469 | 149  | 448019   | 46.116  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.804 | 276  | 572768   | 43.978  | ng    | # 96     |
| 88) Benzo(b)fluoranthene      | 23.485 | 252  | 501295   | 47.454  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.550 | 252  | 518174   | 49.028  | ng    | 98       |
| 90) Benzo(a)pyrene            | 24.290 | 252  | 483241   | 49.382  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 27.862 | 278  | 471067   | 44.615  | ng    | 96       |
| 92) Benzo(g,h,i)perylene      | 28.855 | 276  | 453527   | 44.726  | ng    | 96       |

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

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092925\  
Data File : BG064458.D  
Acq On    : 29 Sep 2025  13:43  
Operator  : RC/JU  
Sample    : PB169873BS  
Misc      :  
ALS Vial  : 4    Sample Multiplier: 1
```

**Instrument :**  
BNA\_G  
**ClientSampleId :**  
PB169873BS

Quant Time: Sep 29 18:24:13 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 29 18:04:12 2025  
Response via : Initial Calibration



## Report of Analysis

|                    |                                     |                 |          |
|--------------------|-------------------------------------|-----------------|----------|
| Client:            | ENTACT                              | Date Collected: | 09/24/25 |
| Project:           | 540 Degraw St, Brooklyn, NY - E9309 | Date Received:  | 09/24/25 |
| Client Sample ID:  | WC-A3-01-CMS                        | SDG No.:        | Q3181    |
| Lab Sample ID:     | Q3181-03MS                          | Matrix:         | TCLP     |
| Analytical Method: | 8270E                               | % Solid:        | 0        |
| Sample Wt/Vol:     | 100 Units: mL                       | Final Vol:      | 1000 uL  |
| Soil Aliquot Vol:  | uL                                  | Test:           | TCLP BNA |
| 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 |
| BG064463.D        | 1         | 09/26/25 11:10 | 09/29/25 17:15 | PB169873      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units    |
|---------------------------|------------------------|--------|-----------|---------------------|------------|----------|
| <b>TARGETS</b>            |                        |        |           |                     |            |          |
| 110-86-1                  | Pyridine               | 0.28   |           | 0.013               | 0.050      | mg/L     |
| 106-46-7                  | 1,4-Dichlorobenzene    | 0.36   |           | 0.0053              | 0.050      | mg/L     |
| 95-48-7                   | 2-Methylphenol         | 0.38   |           | 0.011               | 0.050      | mg/L     |
| 65794-96-9                | 3+4-Methylphenols      | 0.37   |           | 0.011               | 0.10       | mg/L     |
| 67-72-1                   | Hexachloroethane       | 0.35   |           | 0.0065              | 0.050      | mg/L     |
| 98-95-3                   | Nitrobenzene           | 0.40   |           | 0.0076              | 0.050      | mg/L     |
| 87-68-3                   | Hexachlorobutadiene    | 0.36   |           | 0.0054              | 0.050      | mg/L     |
| 88-06-2                   | 2,4,6-Trichlorophenol  | 0.45   |           | 0.0051              | 0.050      | mg/L     |
| 95-95-4                   | 2,4,5-Trichlorophenol  | 0.47   |           | 0.0062              | 0.050      | mg/L     |
| 121-14-2                  | 2,4-Dinitrotoluene     | 0.49   |           | 0.012               | 0.050      | mg/L     |
| 118-74-1                  | Hexachlorobenzene      | 0.50   |           | 0.0052              | 0.050      | mg/L     |
| 87-86-5                   | Pentachlorophenol      | 1.00   | E         | 0.016               | 0.10       | mg/L     |
| <b>SURROGATES</b>         |                        |        |           |                     |            |          |
| 367-12-4                  | 2-Fluorophenol         | 120    |           | 15 (23) - 110 (138) | 80%        | SPK: 150 |
| 13127-88-3                | Phenol-d6              | 109    |           | 15 (10) - 110 (134) | 73%        | SPK: 150 |
| 4165-60-0                 | Nitrobenzene-d5        | 79.5   |           | 30 (67) - 130 (132) | 80%        | SPK: 100 |
| 321-60-8                  | 2-Fluorobiphenyl       | 81.4   |           | 30 (52) - 130 (132) | 81%        | SPK: 100 |
| 118-79-6                  | 2,4,6-Tribromophenol   | 144    |           | 15 (44) - 110 (137) | 96%        | SPK: 150 |
| 1718-51-0                 | Terphenyl-d14          | 92.4   |           | 30 (42) - 130 (152) | 92%        | SPK: 100 |
| <b>INTERNAL STANDARDS</b> |                        |        |           |                     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 20000  | 7.836     |                     |            |          |
| 1146-65-2                 | Naphthalene-d8         | 82000  | 10.621    |                     |            |          |
| 15067-26-2                | Acenaphthene-d10       | 58700  | 14.463    |                     |            |          |
| 1517-22-2                 | Phenanthrene-d10       | 139000 | 17.201    |                     |            |          |
| 1719-03-5                 | Chrysene-d12           | 157000 | 21.431    |                     |            |          |
| 1520-96-3                 | Perylene-d12           | 170000 | 24.422    |                     |            |          |

## Report of Analysis

|                    |                                     |                 |              |
|--------------------|-------------------------------------|-----------------|--------------|
| Client:            | ENTACT                              | Date Collected: | 09/24/25     |
| Project:           | 540 Degraw St, Brooklyn, NY - E9309 | Date Received:  | 09/24/25     |
| Client Sample ID:  | WC-A3-01-CMS                        | SDG No.:        | Q3181        |
| Lab Sample ID:     | Q3181-03MS                          | Matrix:         | TCLP         |
| Analytical Method: | 8270E                               | % Solid:        | 0            |
| Sample Wt/Vol:     | 100      Units:    mL               | Final Vol:      | 1000      uL |
| Soil Aliquot Vol:  | uL                                  | Test:           | TCLP BNA     |
| 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 |
| BG064463.D        | 1         | 09/26/25 11:10 | 09/29/25 17:15 | PB169873      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092925\  
 Data File : BG064463.D  
 Acq On : 29 Sep 2025 17:15  
 Operator : RC/JU  
 Sample : Q3181-03MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-A3-01-CMS

Quant Time: Sep 30 06:55:19 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 29 18:04:12 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.836  | 152  | 19975    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.621 | 136  | 81974    | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.463 | 164  | 58695    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.201 | 188  | 138960   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.431 | 240  | 157222   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.422 | 264  | 170251   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.427  | 112  | 125205   | 119.780 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.013  | 99   | 156315   | 109.155 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.987  | 82   | 120326   | 79.550  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.950 | 330  | 147442   | 143.892 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.082 | 172  | 323470   | 81.378  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.822 | 244  | 736806   | 92.383  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.347  | 88   | 11820    | 26.947  | ng    | # 72     |
| 3) Pyridine                   | 3.740  | 79   | 33212    | 28.085  | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.640  | 42   | 30811    | 34.109  | ng    | 92       |
| 6) Aniline                    | 7.160  | 93   | 54879    | 29.594  | ng    | 96       |
| 8) 2-Chlorophenol             | 7.401  | 128  | 49526    | 37.871  | ng    | 99       |
| 9) Benzaldehyde               | 6.972  | 77   | 24635    | 20.211  | ng    | 88       |
| 10) Phenol                    | 7.037  | 94   | 54549    | 35.181  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.260  | 93   | 37488    | 36.008  | ng    | 91       |
| 12) 1,3-Dichlorobenzene       | 7.724  | 146  | 51990    | 35.467  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 7.871  | 146  | 53195    | 35.525  | ng    | 88       |
| 14) 1,2-Dichlorobenzene       | 8.188  | 146  | 50477    | 35.572  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.071  | 79   | 51217    | 37.957  | ng    | 93       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.364  | 45   | 60471    | 33.311  | ng    | 95       |
| 17) 2-Methylphenol            | 8.276  | 107  | 42749    | 38.164  | ng    | 96       |
| 18) Hexachloroethane          | 8.911  | 117  | 19502    | 34.520  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.641  | 70   | 37139    | 38.369  | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.605  | 107  | 58000    | 36.835  | ng    | 96       |
| 22) Acetophenone              | 8.652  | 105  | 87183    | 44.424  | ng    | # 96     |
| 24) Nitrobenzene              | 9.028  | 77   | 59162    | 40.070  | ng    | 92       |
| 25) Isophorone                | 9.551  | 82   | 105678   | 37.759  | ng    | 97       |
| 26) 2-Nitrophenol             | 9.739  | 139  | 27528    | 37.877  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 9.804  | 122  | 52066    | 44.417  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 10.033 | 93   | 54556    | 37.732  | ng    | 94       |
| 29) 2,4-Dichlorophenol        | 10.274 | 162  | 54283    | 40.236  | ng    | 90       |
| 30) 1,2,4-Trichlorobenzene    | 10.485 | 180  | 58868    | 40.795  | ng    | 90       |
| 31) Naphthalene               | 10.673 | 128  | 197211   | 46.082  | ng    | 98       |
| 32) Benzoic acid              | 9.957  | 122  | 34922    | 38.455  | ng    | 90       |
| 33) 4-Chloroaniline           | 10.779 | 127  | 30069    | 19.207  | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.961 | 225  | 44411    | 36.131  | ng    | 96       |
| 35) Caprolactam               | 11.555 | 113  | 17054m   | 38.312  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.907 | 107  | 70754    | 44.247  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.277 | 142  | 122762   | 37.989  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.501 | 142  | 127443   | 40.137  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.653 | 216  | 87592    | 46.825  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.630 | 237  | 76803    | 77.309  | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 12.888 | 196  | 54448    | 44.623  | ng    | 91       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092925\  
 Data File : BG064463.D  
 Acq On : 29 Sep 2025 17:15  
 Operator : RC/JU  
 Sample : Q3181-03MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-A3-01-CMS

Quant Time: Sep 30 06:55:19 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 29 18:04:12 2025  
 Response via : Initial Calibration

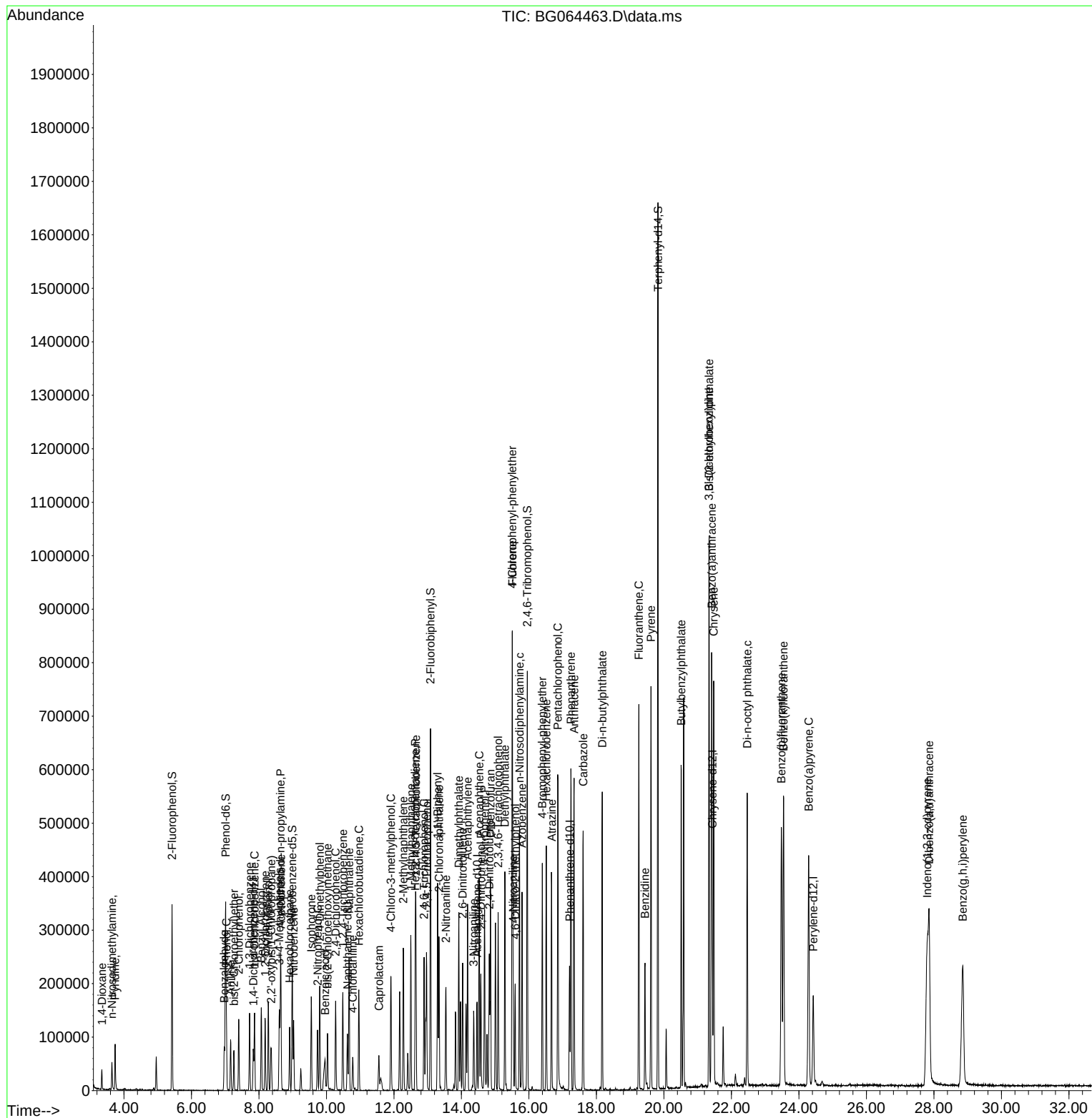
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.965 | 196  | 62585    | 47.022  | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.294 | 154  | 200566   | 48.036  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.335 | 162  | 136169   | 42.909  | ng    | 96       |
| 48) 2-Nitroaniline            | 13.541 | 65   | 51314    | 47.048  | ng    | 99       |
| 49) Acenaphthylene            | 14.181 | 152  | 238744   | 50.676  | ng    | 99       |
| 50) Dimethylphthalate         | 13.923 | 163  | 197268   | 43.994  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.034 | 165  | 45238    | 48.032  | ng    | # 87     |
| 52) Acenaphthene              | 14.528 | 154  | 148139   | 45.947  | ng    | 94       |
| 53) 3-Nitroaniline            | 14.363 | 138  | 31933    | 35.781  | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 14.575 | 184  | 41840    | 66.892  | ng    | 93       |
| 55) Dibenzofuran              | 14.863 | 168  | 243813   | 45.610  | ng    | 98       |
| 56) 4-Nitrophenol             | 14.686 | 139  | 67131    | 92.930  | ng    | 89       |
| 57) 2,4-Dinitrotoluene        | 14.827 | 165  | 70090    | 48.748  | ng    | 100      |
| 58) Fluorene                  | 15.509 | 166  | 215975   | 48.942  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.086 | 232  | 70234    | 52.902  | ng    | 97       |
| 60) Diethylphthalate          | 15.286 | 149  | 219353   | 45.401  | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.503 | 204  | 107743   | 44.712  | ng    | 99       |
| 62) 4-Nitroaniline            | 15.532 | 138  | 44974    | 46.997  | ng    | 99       |
| 63) Azobenzene                | 15.797 | 77   | 181583   | 48.030  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.591 | 198  | 39660    | 41.665  | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 15.720 | 169  | 185452   | 50.013  | ng    | 95       |
| 67) 4-Bromophenyl-phenylether | 16.396 | 248  | 80523    | 49.455  | ng    | 95       |
| 68) Hexachlorobenzene         | 16.514 | 284  | 93432    | 50.423  | ng    | 97       |
| 69) Atrazine                  | 16.672 | 200  | 83464    | 49.543  | ng    | 97       |
| 70) Pentachlorophenol         | 16.854 | 266  | 115194   | 103.012 | ng    | 99       |
| 71) Phenanthrene              | 17.242 | 178  | 367907   | 50.937  | ng    | 97       |
| 72) Anthracene                | 17.336 | 178  | 366048   | 49.768  | ng    | 98       |
| 73) Carbazole                 | 17.606 | 167  | 330084   | 51.156  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.171 | 149  | 387665   | 49.116  | ng    | 99       |
| 75) Fluoranthene              | 19.257 | 202  | 447583   | 49.073  | ng    | 99       |
| 77) Benzidine                 | 19.440 | 184  | 144122   | 35.011  | ng    | 99       |
| 78) Pyrene                    | 19.616 | 202  | 466350   | 47.804  | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.515 | 149  | 177659   | 48.723  | ng    | 96       |
| 81) Benzo(a)anthracene        | 21.414 | 228  | 498151   | 49.485  | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine    | 21.332 | 252  | 137678   | 39.768  | ng    | 97       |
| 83) Chrysene                  | 21.473 | 228  | 463987   | 48.669  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.337 | 149  | 260246   | 49.546  | ng    | 97       |
| 85) Di-n-octyl phthalate      | 22.465 | 149  | 444584   | 49.792  | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.795 | 276  | 585152   | 48.630  | ng    | # 94     |
| 88) Benzo(b)fluoranthene      | 23.482 | 252  | 489071   | 50.111  | ng    | 97       |
| 89) Benzo(k)fluoranthene      | 23.541 | 252  | 499967   | 51.203  | ng    | 95       |
| 90) Benzo(a)pyrene            | 24.287 | 252  | 465755   | 51.516  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 27.853 | 278  | 482974   | 49.512  | ng    | 96       |
| 92) Benzo(g,h,i)perylene      | 28.852 | 276  | 465256   | 49.662  | ng    | 99       |

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

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092925\  
Data File : BG064463.D  
Acq On    : 29 Sep 2025  17:15  
Operator  : RC/JU  
Sample    : Q3181-03MS  
Misc      :  
ALS Vial  : 9    Sample Multiplier: 1
```

**Instrument :**  
BNA\_G  
**ClientSampleId :**  
WC-A3-01-CMS

Quant Time: Sep 30 06:55:19 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 29 18:04:12 2025  
Response via : Initial Calibration



## Report of Analysis

|                    |                                     |                 |          |
|--------------------|-------------------------------------|-----------------|----------|
| Client:            | ENTACT                              | Date Collected: | 09/24/25 |
| Project:           | 540 Degraw St, Brooklyn, NY - E9309 | Date Received:  | 09/24/25 |
| Client Sample ID:  | WC-A3-01-CMSD                       | SDG No.:        | Q3181    |
| Lab Sample ID:     | Q3181-03MSD                         | Matrix:         | TCLP     |
| Analytical Method: | 8270E                               | % Solid:        | 0        |
| Sample Wt/Vol:     | 100 Units: mL                       | Final Vol:      | 1000 uL  |
| Soil Aliquot Vol:  | uL                                  | Test:           | TCLP BNA |
| 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 |
| BG064464.D        | 1         | 09/26/25 11:10 | 09/29/25 17:56 | PB169873      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units    |
|---------------------------|------------------------|--------|-----------|---------------------|------------|----------|
| <b>TARGETS</b>            |                        |        |           |                     |            |          |
| 110-86-1                  | Pyridine               | 0.27   |           | 0.013               | 0.050      | mg/L     |
| 106-46-7                  | 1,4-Dichlorobenzene    | 0.34   |           | 0.0053              | 0.050      | mg/L     |
| 95-48-7                   | 2-Methylphenol         | 0.38   |           | 0.011               | 0.050      | mg/L     |
| 65794-96-9                | 3+4-Methylphenols      | 0.38   |           | 0.011               | 0.10       | mg/L     |
| 67-72-1                   | Hexachloroethane       | 0.35   |           | 0.0065              | 0.050      | mg/L     |
| 98-95-3                   | Nitrobenzene           | 0.39   |           | 0.0076              | 0.050      | mg/L     |
| 87-68-3                   | Hexachlorobutadiene    | 0.36   |           | 0.0054              | 0.050      | mg/L     |
| 88-06-2                   | 2,4,6-Trichlorophenol  | 0.42   |           | 0.0051              | 0.050      | mg/L     |
| 95-95-4                   | 2,4,5-Trichlorophenol  | 0.45   |           | 0.0062              | 0.050      | mg/L     |
| 121-14-2                  | 2,4-Dinitrotoluene     | 0.44   |           | 0.012               | 0.050      | mg/L     |
| 118-74-1                  | Hexachlorobenzene      | 0.46   |           | 0.0052              | 0.050      | mg/L     |
| 87-86-5                   | Pentachlorophenol      | 0.87   | E         | 0.016               | 0.10       | mg/L     |
| <b>SURROGATES</b>         |                        |        |           |                     |            |          |
| 367-12-4                  | 2-Fluorophenol         | 121    |           | 15 (23) - 110 (138) | 81%        | SPK: 150 |
| 13127-88-3                | Phenol-d6              | 110    |           | 15 (10) - 110 (134) | 73%        | SPK: 150 |
| 4165-60-0                 | Nitrobenzene-d5        | 78.5   |           | 30 (67) - 130 (132) | 79%        | SPK: 100 |
| 321-60-8                  | 2-Fluorobiphenyl       | 78.5   |           | 30 (52) - 130 (132) | 79%        | SPK: 100 |
| 118-79-6                  | 2,4,6-Tribromophenol   | 126    |           | 15 (44) - 110 (137) | 84%        | SPK: 150 |
| 1718-51-0                 | Terphenyl-d14          | 87.2   |           | 30 (42) - 130 (152) | 87%        | SPK: 100 |
| <b>INTERNAL STANDARDS</b> |                        |        |           |                     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 21400  | 7.836     |                     |            |          |
| 1146-65-2                 | Naphthalene-d8         | 90300  | 10.621    |                     |            |          |
| 15067-26-2                | Acenaphthene-d10       | 64000  | 14.464    |                     |            |          |
| 1517-22-2                 | Phenanthrene-d10       | 145000 | 17.201    |                     |            |          |
| 1719-03-5                 | Chrysene-d12           | 157000 | 21.432    |                     |            |          |
| 1520-96-3                 | Perylene-d12           | 170000 | 24.422    |                     |            |          |

### Report of Analysis

|                    |                                     |                  |                 |          |      |
|--------------------|-------------------------------------|------------------|-----------------|----------|------|
| Client:            | ENTACT                              |                  | Date Collected: | 09/24/25 |      |
| Project:           | 540 Degraw St, Brooklyn, NY - E9309 |                  | Date Received:  | 09/24/25 |      |
| Client Sample ID:  | WC-A3-01-CMSD                       |                  | SDG No.:        | Q3181    |      |
| Lab Sample ID:     | Q3181-03MSD                         |                  | Matrix:         | TCLP     |      |
| Analytical Method: | 8270E                               |                  | % Solid:        | 0        |      |
| Sample Wt/Vol:     | 100                                 | Units: mL        | Final Vol:      | 1000     | uL   |
| Soil Aliquot Vol:  |                                     | uL               | Test:           | TCLP BNA |      |
| 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 |
| BG064464.D        | 1         | 09/26/25 11:10 | 09/29/25 17:56 | PB169873      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092925\  
 Data File : BG064464.D  
 Acq On : 29 Sep 2025 17:56  
 Operator : RC/JU  
 Sample : Q3181-03MSD  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-A3-01-CMSD

Quant Time: Sep 30 06:56:06 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 29 18:04:12 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.836  | 152  | 21391    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.621 | 136  | 90347    | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.464 | 164  | 63956    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.201 | 188  | 144625   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.432 | 240  | 156999   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 24.422 | 264  | 169717   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.427  | 112  | 135541   | 121.085 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.013  | 99   | 168080   | 109.601 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.988  | 82   | 130904   | 78.523  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.950 | 330  | 140539   | 125.873 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.083 | 172  | 340199   | 78.547  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.822 | 244  | 694420   | 87.192  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.347  | 88   | 12344    | 26.279  | ng    | # 66     |
| 3) Pyridine                   | 3.747  | 79   | 34436    | 27.193  | ng    | 95       |
| 4) n-Nitrosodimethylamine     | 3.647  | 42   | 32258    | 33.347  | ng    | # 96     |
| 6) Aniline                    | 7.166  | 93   | 57472    | 28.941  | ng    | 96       |
| 8) 2-Chlorophenol             | 7.401  | 128  | 51443    | 36.733  | ng    | 95       |
| 9) Benzaldehyde               | 6.972  | 77   | 25146    | 19.264  | ng    | 97       |
| 10) Phenol                    | 7.037  | 94   | 59864    | 36.053  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.260  | 93   | 39950    | 35.832  | ng    | 93       |
| 12) 1,3-Dichlorobenzene       | 7.724  | 146  | 55437    | 35.315  | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 7.871  | 146  | 55306m   | 34.490  | ng    |          |
| 14) 1,2-Dichlorobenzene       | 8.183  | 146  | 56867    | 37.422  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.071  | 79   | 55572    | 38.459  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.353  | 45   | 65888    | 33.892  | ng    | 99       |
| 17) 2-Methylphenol            | 8.283  | 107  | 45819    | 38.197  | ng    | 96       |
| 18) Hexachloroethane          | 8.911  | 117  | 21416    | 35.399  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.635  | 70   | 38741    | 37.375  | ng    | # 93     |
| 20) 3+4-Methylphenols         | 8.606  | 107  | 63356    | 37.573  | ng    | 99       |
| 22) Acetophenone              | 8.653  | 105  | 94477    | 43.679  | ng    | # 92     |
| 24) Nitrobenzene              | 9.029  | 77   | 63387    | 38.953  | ng    | 99       |
| 25) Isophorone                | 9.552  | 82   | 111217   | 36.055  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.740  | 139  | 30319    | 37.851  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 9.798  | 122  | 56676    | 43.869  | ng    | 94       |
| 28) bis(2-Chloroethoxy)met... | 10.033 | 93   | 58427    | 36.665  | ng    | 94       |
| 29) 2,4-Dichlorophenol        | 10.274 | 162  | 57628    | 38.757  | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 10.486 | 180  | 62196    | 39.106  | ng    | 96       |
| 31) Naphthalene               | 10.674 | 128  | 207714   | 44.038  | ng    | 99       |
| 32) Benzoic acid              | 9.945  | 122  | 28570    | 28.545  | ng    | # 81     |
| 33) 4-Chloroaniline           | 10.780 | 127  | 34368    | 19.919  | ng    | 93       |
| 34) Hexachlorobutadiene       | 10.962 | 225  | 48700    | 35.948  | ng    | 96       |
| 35) Caprolactam               | 11.555 | 113  | 17355m   | 35.374  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.908 | 107  | 72079    | 40.898  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.284 | 142  | 131437   | 36.904  | ng    | 95       |
| 38) 1-Methylnaphthalene       | 12.501 | 142  | 136082   | 38.886  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.654 | 216  | 91920    | 45.097  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.636 | 237  | 79693    | 73.619  | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 12.895 | 196  | 55441    | 41.699  | ng    | 95       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092925\  
 Data File : BG064464.D  
 Acq On : 29 Sep 2025 17:56  
 Operator : RC/JU  
 Sample : Q3181-03MSD  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-A3-01-CMSD

Quant Time: Sep 30 06:56:06 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 29 18:04:12 2025  
 Response via : Initial Calibration

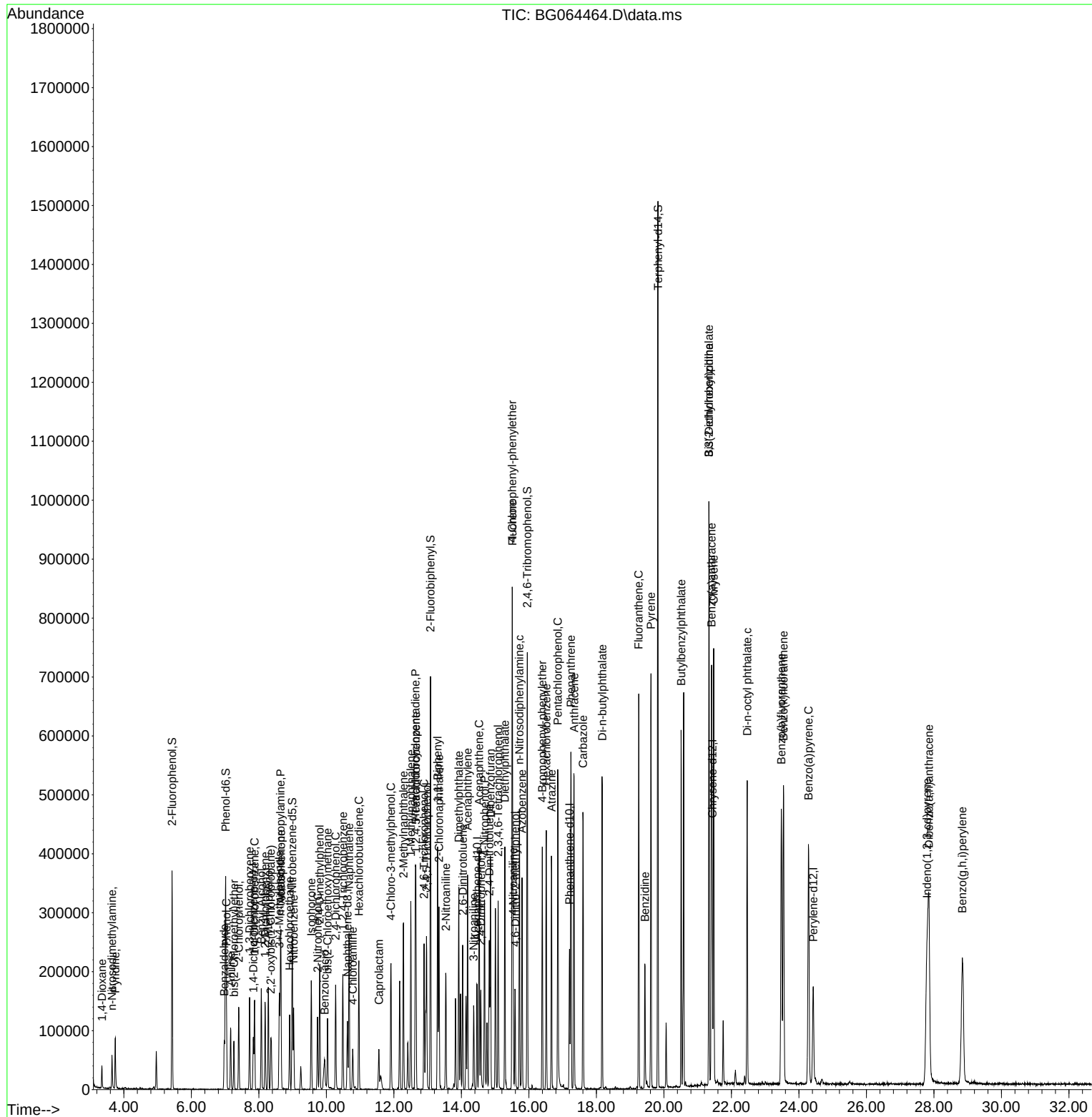
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.965 | 196  | 64592    | 44.538 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.294 | 154  | 209884   | 46.133 | ng    | 96       |
| 47) 2-Chloronaphthalene       | 13.335 | 162  | 141044   | 40.789 | ng    | 97       |
| 48) 2-Nitroaniline            | 13.541 | 65   | 52855    | 44.475 | ng    | 95       |
| 49) Acenaphthylene            | 14.182 | 152  | 243722   | 47.477 | ng    | 98       |
| 50) Dimethylphthalate         | 13.923 | 163  | 204599   | 41.875 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.040 | 165  | 45597    | 44.431 | ng    | 98       |
| 52) Acenaphthene              | 14.522 | 154  | 151349   | 43.082 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.364 | 138  | 31478    | 32.370 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.575 | 184  | 33885    | 49.717 | ng    | 92       |
| 55) Dibenzofuran              | 14.863 | 168  | 247914   | 42.562 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.687 | 139  | 63101    | 80.166 | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 14.828 | 165  | 69636    | 44.448 | ng    | # 93     |
| 58) Fluorene                  | 15.509 | 166  | 213640   | 44.431 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.086 | 232  | 66813    | 46.186 | ng    | # 98     |
| 60) Diethylphthalate          | 15.286 | 149  | 217359   | 41.287 | ng    | 95       |
| 61) 4-Chlorophenyl-phenyle... | 15.503 | 204  | 108428   | 41.295 | ng    | 97       |
| 62) 4-Nitroaniline            | 15.533 | 138  | 44380    | 42.562 | ng    | 93       |
| 63) Azobenzene                | 15.797 | 77   | 177235   | 43.023 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.592 | 198  | 35704    | 36.039 | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 15.715 | 169  | 179647   | 46.549 | ng    | 94       |
| 67) 4-Bromophenyl-phenylether | 16.397 | 248  | 78304    | 46.208 | ng    | 96       |
| 68) Hexachlorobenzene         | 16.514 | 284  | 89609    | 46.465 | ng    | 98       |
| 69) Atrazine                  | 16.667 | 200  | 79737    | 45.477 | ng    | 98       |
| 70) Pentachlorophenol         | 16.855 | 266  | 101065   | 86.837 | ng    | 99       |
| 71) Phenanthrene              | 17.243 | 178  | 356316   | 47.400 | ng    | 99       |
| 72) Anthracene                | 17.337 | 178  | 358066   | 46.776 | ng    | 99       |
| 73) Carbazole                 | 17.601 | 167  | 309348   | 46.064 | ng    | 97       |
| 74) Di-n-butylphthalate       | 18.171 | 149  | 365547   | 44.500 | ng    | 99       |
| 75) Fluoranthene              | 19.252 | 202  | 425397   | 44.814 | ng    | 98       |
| 77) Benzidine                 | 19.440 | 184  | 126901   | 30.872 | ng    | 99       |
| 78) Pyrene                    | 19.616 | 202  | 439332   | 45.098 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.509 | 149  | 166385   | 45.696 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.408 | 228  | 465594   | 46.317 | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine    | 21.332 | 252  | 123074   | 35.600 | ng    | 99       |
| 83) Chrysene                  | 21.473 | 228  | 436448   | 45.845 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.332 | 149  | 235878   | 44.971 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.466 | 149  | 406720   | 45.616 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.789 | 276  | 553829   | 46.172 | ng    | # 94     |
| 88) Benzo(b)fluoranthene      | 23.476 | 252  | 470574   | 48.367 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 23.541 | 252  | 457234   | 46.974 | ng    | 98       |
| 90) Benzo(a)pyrene            | 24.281 | 252  | 442415   | 49.089 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 27.848 | 278  | 450678   | 46.346 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 28.841 | 276  | 436466   | 46.736 | ng    | 98       |

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

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092925\  
Data File : BG064464.D  
Acq On    : 29 Sep 2025   17:56  
Operator  : RC/JU  
Sample    : Q3181-03MSD  
Misc      :  
ALS Vial  : 10    Sample Multiplier: 1
```

**Instrument :**  
BNA\_G  
**ClientSampleId :**  
WC-A3-01-CMSD

Quant Time: Sep 30 06:56:06 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG092525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
Qlast Update : Mon Sep 29 18:04:12 2025  
Response via : Initial Calibration





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

## Manual Integration Report

Sequence:

BG092525

Instrument

BNA\_g

Sample ID

File ID

Parameter

Review By

Review On

Supervised  
By

Supervised On

Reason

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | BG092925 | Instrument | BNA_g |
|-----------|----------|------------|-------|

| Sample ID   | File ID    | Parameter           | Review By | Review On            | Supervised By | Supervised On         | Reason                      |
|-------------|------------|---------------------|-----------|----------------------|---------------|-----------------------|-----------------------------|
| SSTDCCC040  | BG064456.D | 1-Methylnaphthalene | rahul     | 9/30/2025 8:41:16 AM | Jagrut        | 9/30/2025 11:08:37 AM | Peak Integrated by Software |
| SSTDCCC040  | BG064456.D | Benzoic acid        | rahul     | 9/30/2025 8:41:16 AM | Jagrut        | 9/30/2025 11:08:37 AM | Peak Integrated by Software |
| PB169873BS  | BG064458.D | Benzoic acid        | rahul     | 9/30/2025 8:41:19 AM | Jagrut        | 9/30/2025 11:08:39 AM | Peak Integrated by Software |
| PB169873BS  | BG064458.D | Caprolactam         | rahul     | 9/30/2025 8:41:19 AM | Jagrut        | 9/30/2025 11:08:39 AM | Peak Integrated by Software |
| Q3181-03    | BG064462.D | 1-Methylnaphthalene | rahul     | 9/30/2025 8:41:22 AM | Jagrut        | 9/30/2025 11:08:42 AM | Peak Integrated by Software |
| Q3181-03MS  | BG064463.D | Caprolactam         | rahul     | 9/30/2025 8:41:25 AM | Jagrut        | 9/30/2025 11:08:44 AM | Peak Integrated by Software |
| Q3181-03MSD | BG064464.D | 1,4-Dichlorobenzene | rahul     | 9/30/2025 8:41:28 AM | Jagrut        | 9/30/2025 11:08:46 AM | Peak Integrated by Software |
| Q3181-03MSD | BG064464.D | Caprolactam         | rahul     | 9/30/2025 8:41:28 AM | Jagrut        | 9/30/2025 11:08:46 AM | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | BP091225 | Instrument | BNA_p |
|-----------|----------|------------|-------|

| Sample ID   | File ID    | Parameter                  | Review By | Review On                | Supervised By | Supervised On            | Reason                      |
|-------------|------------|----------------------------|-----------|--------------------------|---------------|--------------------------|-----------------------------|
| SSTDICC2.5  | BP025725.D | n-Nitroso-di-n-propylamine | Rahul     | 9/12/2025<br>10:21:39 AM | Jagrut        | 9/12/2025<br>11:46:19 AM | Peak Integrated by Software |
| SSTDICC005  | BP025726.D | 4-Nitroaniline             | Rahul     | 9/12/2025<br>10:21:42 AM | Jagrut        | 9/12/2025<br>11:46:21 AM | Peak Integrated by Software |
| SSTDICC010  | BP025727.D | Benzaldehyde               | Rahul     | 9/12/2025<br>10:21:45 AM | Jagrut        | 9/12/2025<br>11:46:23 AM | Peak Integrated by Software |
| SSTDICC010  | BP025727.D | Benzoic acid               | Rahul     | 9/12/2025<br>10:21:45 AM | Jagrut        | 9/12/2025<br>11:46:23 AM | Peak Integrated by Software |
| SSTDICC010  | BP025727.D | Caprolactam                | Rahul     | 9/12/2025<br>10:21:45 AM | Jagrut        | 9/12/2025<br>11:46:23 AM | Peak Integrated by Software |
| SSTDICC020  | BP025728.D | Benzaldehyde               | Rahul     | 9/12/2025<br>10:21:48 AM | Jagrut        | 9/12/2025<br>11:46:26 AM | Peak Integrated by Software |
| SSTDICCC040 | BP025729.D | Benzaldehyde               | Rahul     | 9/12/2025<br>10:21:51 AM | Jagrut        | 9/12/2025<br>11:46:29 AM | Peak Integrated by Software |
| SSTDICC050  | BP025733.D | Benzaldehyde               | Rahul     | 9/12/2025<br>10:21:53 AM | Jagrut        | 9/12/2025<br>11:49:15 AM | Peak Integrated by Software |
| SSTDICV040  | BP025734.D | Benzaldehyde               | Rahul     | 9/12/2025<br>10:21:56 AM | Jagrut        | 9/12/2025<br>11:49:18 AM | Peak Integrated by Software |
| SSTDICV040  | BP025734.D | Benidine                   | Rahul     | 9/12/2025<br>10:21:56 AM | Jagrut        | 9/12/2025<br>11:49:18 AM | Peak Integrated by Software |
| SSTDCCC040  | BP025744.D | Benzaldehyde               | Rahul     | 9/15/2025 8:28:08 AM     | Jagrut        | 9/15/2025<br>10:12:19 AM | Peak Integrated by Software |
| SSTDCCC040  | BP025744.D | Benzo(g,h,i)perylene       | Rahul     | 9/15/2025 8:28:08 AM     | Jagrut        | 9/15/2025<br>10:12:19 AM | Peak Integrated by Software |



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

## Manual Integration Report

Sequence:

BP091225

Instrument

BNA\_p

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:

bp092925

Instrument

BNA\_p

Sample ID

File ID

Parameter

Review By

Review On

Supervised  
By

Supervised On

Reason

Instrument ID: **BNA\_G**

**Daily Analysis Runlog For Sequence/QC Batch ID # BG092525**

|                          |                                                         |                      |                      |
|--------------------------|---------------------------------------------------------|----------------------|----------------------|
| Review By                | Rahul                                                   | Review On            | 9/26/2025 9:06:10 AM |
| Supervise By             |                                                         | Supervise On         |                      |
| SubDirectory             | BG092525                                                | HP Acquire Method    | BNA_G                |
|                          |                                                         | HP Processing Method | BG092525             |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                        |                      |                      |
| Tune/Reschk              | SP6757                                                  |                      |                      |
| Initial Calibration Stds | SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864 |                      |                      |
| CCC                      | SP6860                                                  |                      |                      |
| Internal Standard/PEM    | S13175,10ul/1000ul sample                               |                      |                      |
| ICV/I.BLK                | SP6872                                                  |                      |                      |
| Surrogate Standard       |                                                         |                      |                      |
| MS/MSD Standard          |                                                         |                      |                      |
| LCS Standard             |                                                         |                      |                      |

| Sr# | SampleId    | Data File Name | Date-Time         | Operator | Status |
|-----|-------------|----------------|-------------------|----------|--------|
| 1   | DFTPP       | BG064440.D     | 25 Sep 2025 11:05 | RC/JU    | Ok     |
| 2   | SSTDICC2.5  | BG064441.D     | 25 Sep 2025 11:55 | RC/JU    | Ok     |
| 3   | SSTDICC005  | BG064442.D     | 25 Sep 2025 12:37 | RC/JU    | Ok,NR  |
| 4   | SSTDICC010  | BG064443.D     | 25 Sep 2025 13:18 | RC/JU    | Not Ok |
| 5   | SSTDICC020  | BG064444.D     | 25 Sep 2025 13:59 | RC/JU    | Ok,NR  |
| 6   | SSTDCCC040  | BG064445.D     | 25 Sep 2025 14:41 | RC/JU    | Not Ok |
| 7   | SSTDICC050  | BG064446.D     | 25 Sep 2025 15:22 | RC/JU    | Ok,NR  |
| 8   | SSTDCC060   | BG064447.D     | 25 Sep 2025 16:03 | RC/JU    | Not Ok |
| 9   | SSTDICC080  | BG064448.D     | 25 Sep 2025 16:44 | RC/JU    | Ok,NR  |
| 10  | SSTDICC010  | BG064449.D     | 25 Sep 2025 18:04 | RC/JU    | Ok,NR  |
| 11  | SSTDICCC040 | BG064450.D     | 25 Sep 2025 18:45 | RC/JU    | Ok,NR  |
| 12  | SSTDICC060  | BG064451.D     | 25 Sep 2025 19:26 | RC/JU    | Ok,NR  |
| 13  | SSTDICV040  | BG064452.D     | 25 Sep 2025 20:49 | RC/JU    | Ok,NR  |
| 14  | PB169726BL  | BG064453.D     | 25 Sep 2025 21:30 | RC/JU    | Ok     |
| 15  | PB169726BS  | BG064454.D     | 25 Sep 2025 22:11 | RC/JU    | Ok,NR  |

M : Manual Integration

Instrument ID: **BNA\_G**

**Daily Analysis Runlog For Sequence/QC Batch ID # BG092925**

|                          |                                                         |                      |                       |
|--------------------------|---------------------------------------------------------|----------------------|-----------------------|
| Review By                | rahul                                                   | Review On            | 9/30/2025 8:41:59 AM  |
| Supervise By             | Jagrut                                                  | Supervise On         | 9/30/2025 11:09:02 AM |
| SubDirectory             | BG092925                                                | HP Acquire Method    | BNA_G                 |
|                          |                                                         | HP Processing Method | BG092525              |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                        |                      |                       |
| Tune/Reschk              | SP6757                                                  |                      |                       |
| Initial Calibration Stds | SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864 |                      |                       |
| CCC                      | SP6860                                                  |                      |                       |
| Internal Standard/PEM    | S13176,10ul/1000ul sample                               |                      |                       |
| ICV/I.BLK                | SP6872                                                  |                      |                       |
| Surrogate Standard       |                                                         |                      |                       |
| MS/MSD Standard          |                                                         |                      |                       |
| LCS Standard             |                                                         |                      |                       |

| Sr# | SampleId    | Data File Name | Date-Time         | Operator | Status |
|-----|-------------|----------------|-------------------|----------|--------|
| 1   | DFTPP       | BG064455.D     | 29 Sep 2025 11:41 | RC/JU    | Ok     |
| 2   | SSTDCCC040  | BG064456.D     | 29 Sep 2025 12:21 | RC/JU    | Ok,M   |
| 3   | PB169873BL  | BG064457.D     | 29 Sep 2025 13:02 | RC/JU    | Ok     |
| 4   | PB169873BS  | BG064458.D     | 29 Sep 2025 13:43 | RC/JU    | Ok,M   |
| 5   | Q3183-10    | BG064459.D     | 29 Sep 2025 14:31 | RC/JU    | Ok     |
| 6   | Q3183-11    | BG064460.D     | 29 Sep 2025 15:12 | RC/JU    | Ok     |
| 7   | Q3208-12    | BG064461.D     | 29 Sep 2025 15:53 | RC/JU    | Ok     |
| 8   | Q3181-03    | BG064462.D     | 29 Sep 2025 16:34 | RC/JU    | Ok,M   |
| 9   | Q3181-03MS  | BG064463.D     | 29 Sep 2025 17:15 | RC/JU    | Ok,M   |
| 10  | Q3181-03MSD | BG064464.D     | 29 Sep 2025 17:56 | RC/JU    | Ok,M   |
| 11  | Q3181-07    | BG064465.D     | 29 Sep 2025 18:37 | RC/JU    | Ok     |
| 12  | Q3181-11    | BG064466.D     | 29 Sep 2025 19:19 | RC/JU    | Ok     |
| 13  | Q3208-06    | BG064467.D     | 29 Sep 2025 20:00 | RC/JU    | Ok     |
| 14  | Q3232-01    | BG064468.D     | 29 Sep 2025 20:41 | RC/JU    | Ok     |
| 15  | Q3232-01DL  | BG064469.D     | 29 Sep 2025 21:22 | RC/JU    | Not Ok |
| 16  | Q3215-01    | BG064470.D     | 29 Sep 2025 22:03 | RC/JU    | Ok,M   |
| 17  | Q3215-01DL  | BG064471.D     | 29 Sep 2025 22:44 | RC/JU    | Not Ok |

M : Manual Integration

Instrument ID: **BNA\_P**

**Daily Analysis Runlog For Sequence/QC Batch ID # BP091225**

|                          |                                                         |                      |                       |
|--------------------------|---------------------------------------------------------|----------------------|-----------------------|
| Review By                | Rahul                                                   | Review On            | 9/12/2025 10:23:37 AM |
| Supervise By             | Jagrut                                                  | Supervise On         | 9/12/2025 11:49:47 AM |
| SubDirectory             | BP091225                                                | HP Acquire Method    | BNA_P                 |
|                          |                                                         | HP Processing Method | BP091225              |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                        |                      |                       |
| Tune/Reschk              | SP6757                                                  |                      |                       |
| Initial Calibration Stds | SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840 |                      |                       |
| CCC                      | SP6836                                                  |                      |                       |
| Internal Standard/PEM    | S13174,10ul/1000ul sample                               |                      |                       |
| ICV/I.BLK                | SP6796                                                  |                      |                       |
| Surrogate Standard       |                                                         |                      |                       |
| MS/MSD Standard          |                                                         |                      |                       |
| LCS Standard             |                                                         |                      |                       |

| Sr# | SampleId    | Data File Name | Date-Time         | Operator | Status |
|-----|-------------|----------------|-------------------|----------|--------|
| 1   | DFTPP       | BP025724.D     | 11 Sep 2025 08:09 | CG/JU    | Ok     |
| 2   | SSTDICC2.5  | BP025725.D     | 11 Sep 2025 08:56 | CG/JU    | Ok,M   |
| 3   | SSTDICC005  | BP025726.D     | 11 Sep 2025 09:37 | CG/JU    | Ok,M   |
| 4   | SSTDICC010  | BP025727.D     | 11 Sep 2025 10:18 | CG/JU    | Ok,M   |
| 5   | SSTDICC020  | BP025728.D     | 11 Sep 2025 10:59 | CG/JU    | Ok,M   |
| 6   | SSTDICCC040 | BP025729.D     | 11 Sep 2025 12:21 | CG/JU    | Ok,M   |
| 7   | SSTDICC050  | BP025730.D     | 11 Sep 2025 13:02 | CG/JU    | Not Ok |
| 8   | SSTDICC060  | BP025731.D     | 11 Sep 2025 13:43 | CG/JU    | Ok     |
| 9   | SSTDICC080  | BP025732.D     | 11 Sep 2025 14:24 | CG/JU    | Ok     |
| 10  | SSTDICC050  | BP025733.D     | 11 Sep 2025 15:20 | CG/JU    | Ok,M   |
| 11  | SSTDICV040  | BP025734.D     | 11 Sep 2025 16:54 | CG/JU    | Ok,M   |
| 12  | PB169633BL  | BP025735.D     | 11 Sep 2025 17:35 | CG/JU    | Ok     |
| 13  | DFTPP       | BP025736.D     | 12 Sep 2025 09:03 | CG/JU    | Ok     |
| 14  | SSTDCCC040  | BP025737.D     | 12 Sep 2025 10:24 | CG/JU    | Ok     |
| 15  | PB169490BL  | BP025738.D     | 12 Sep 2025 11:05 | CG/JU    | Ok     |
| 16  | Q2893-02    | BP025739.D     | 12 Sep 2025 11:46 | CG/JU    | Ok,M   |
| 17  | Q2893-08    | BP025740.D     | 12 Sep 2025 12:27 | CG/JU    | Ok,M   |
| 18  | Q2893-01    | BP025741.D     | 12 Sep 2025 13:08 | CG/JU    | Ok,M   |
| 19  | Q2893-07    | BP025742.D     | 12 Sep 2025 13:49 | CG/JU    | Ok,M   |
| 20  | PB169499BL  | BP025743.D     | 12 Sep 2025 14:30 | CG/JU    | Ok     |
| 21  | SSTDCCC040  | BP025744.D     | 12 Sep 2025 15:35 | CG/JU    | Ok,M   |

M : Manual Integration

Instrument ID: **BNA\_P**

**Daily Analysis Runlog For Sequence/QC Batch ID # BP092925**

|                          |                                                         |                      |                       |
|--------------------------|---------------------------------------------------------|----------------------|-----------------------|
| Review By                | rahul                                                   | Review On            | 9/30/2025 8:35:30 AM  |
| Supervise By             | Jagrut                                                  | Supervise On         | 9/30/2025 11:08:17 AM |
| SubDirectory             | BP092925                                                | HP Acquire Method    | BNA_P                 |
|                          |                                                         | HP Processing Method | BP091225              |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                        |                      |                       |
| Tune/Reschk              | SP6757                                                  |                      |                       |
| Initial Calibration Stds | SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840 |                      |                       |
| CCC                      | SP6836                                                  |                      |                       |
| Internal Standard/PEM    | S13176,10ul/1000ul sample                               |                      |                       |
| ICV/I.BLK                | SP6796                                                  |                      |                       |
| Surrogate Standard       |                                                         |                      |                       |
| MS/MSD Standard          |                                                         |                      |                       |
| LCS Standard             |                                                         |                      |                       |

| Sr# | SampleId    | Data File Name | Date-Time         | Operator | Status |
|-----|-------------|----------------|-------------------|----------|--------|
| 1   | DFTPP       | BP025874.D     | 29 Sep 2025 10:11 | CG/JU    | Ok     |
| 2   | SSTDCCC040  | BP025875.D     | 29 Sep 2025 10:51 | CG/JU    | Ok     |
| 3   | PB169840TB  | BP025876.D     | 29 Sep 2025 11:32 | CG/JU    | Ok     |
| 4   | Q3183-12    | BP025877.D     | 29 Sep 2025 12:20 | CG/JU    | Ok     |
| 5   | Q3200-01MS  | BP025878.D     | 29 Sep 2025 13:01 | CG/JU    | Ok     |
| 6   | Q3200-01MSD | BP025879.D     | 29 Sep 2025 13:42 | CG/JU    | Ok,M   |
| 7   | Q3210-01    | BP025880.D     | 29 Sep 2025 14:23 | CG/JU    | Ok     |
| 8   | Q3209-01    | BP025881.D     | 29 Sep 2025 15:04 | CG/JU    | Ok     |
| 9   | Q3208-07    | BP025882.D     | 29 Sep 2025 15:45 | CG/JU    | Ok,M   |
| 10  | Q3206-01    | BP025883.D     | 29 Sep 2025 16:26 | CG/JU    | Ok,M   |
| 11  | Q3208-01    | BP025884.D     | 29 Sep 2025 17:07 | CG/JU    | Ok,M   |
| 12  | Q3212-01    | BP025885.D     | 29 Sep 2025 17:49 | CG/JU    | Ok,M   |
| 13  | Q3231-01    | BP025886.D     | 29 Sep 2025 18:30 | CG/JU    | Ok,M   |
| 14  | Q3220-01    | BP025887.D     | 29 Sep 2025 19:11 | CG/JU    | Ok,M   |
| 15  | Q3221-01    | BP025888.D     | 29 Sep 2025 19:52 | CG/JU    | Ok,M   |
| 16  | Q3222-01    | BP025889.D     | 29 Sep 2025 20:33 | CG/JU    | Ok,M   |
| 17  | Q3231-09    | BP025890.D     | 29 Sep 2025 21:15 | CG/JU    | Ok     |

M : Manual Integration

Instrument ID: BNA\_G

**Daily Analysis Runlog For Sequence/QC Batch ID # BG092525**

|                          |                                                         |                      |                      |
|--------------------------|---------------------------------------------------------|----------------------|----------------------|
| Review By                | Rahul                                                   | Review On            | 9/26/2025 9:06:10 AM |
| Supervise By             |                                                         | Supervise On         |                      |
| SubDirectory             | BG092525                                                | HP Acquire Method    | BNA_G                |
|                          |                                                         | HP Processing Method | BG092525             |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                        |                      |                      |
| Tune/Reschk              | SP6757                                                  |                      |                      |
| Initial Calibration Stds | SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864 |                      |                      |
| CCC                      | SP6860                                                  |                      |                      |
| Internal Standard/PEM    | S13175,10ul/1000ul sample                               |                      |                      |
| ICV/I.BLK                | SP6872                                                  |                      |                      |
| Surrogate Standard       |                                                         |                      |                      |
| MS/MSD Standard          |                                                         |                      |                      |
| LCS Standard             |                                                         |                      |                      |

| Sr# | SampleId    | ClientID    | Data File Name | Date-Time         | Comment                                                  | Operator | Status |
|-----|-------------|-------------|----------------|-------------------|----------------------------------------------------------|----------|--------|
| 1   | DFTPP       | DFTPP       | BG064440.D     | 25 Sep 2025 11:05 |                                                          | RC/JU    | Ok     |
| 2   | SSTDICC2.5  | SSTDICC2.5  | BG064441.D     | 25 Sep 2025 11:55 |                                                          | RC/JU    | Ok     |
| 3   | SSTDICC005  | SSTDICC005  | BG064442.D     | 25 Sep 2025 12:37 |                                                          | RC/JU    | Ok,NR  |
| 4   | SSTDICC010  | SSTDICC010  | BG064443.D     | 25 Sep 2025 13:18 | Not Used                                                 | RC/JU    | Not Ok |
| 5   | SSTDICC020  | SSTDICC020  | BG064444.D     | 25 Sep 2025 13:59 |                                                          | RC/JU    | Ok,NR  |
| 6   | SSTDCCC040  | SSTDCCC040  | BG064445.D     | 25 Sep 2025 14:41 | Not Used                                                 | RC/JU    | Not Ok |
| 7   | SSTDICC050  | SSTDICC050  | BG064446.D     | 25 Sep 2025 15:22 |                                                          | RC/JU    | Ok,NR  |
| 8   | SSTDCC060   | SSTDCC060   | BG064447.D     | 25 Sep 2025 16:03 | Not Used                                                 | RC/JU    | Not Ok |
| 9   | SSTDICC080  | SSTDICC080  | BG064448.D     | 25 Sep 2025 16:44 |                                                          | RC/JU    | Ok,NR  |
| 10  | SSTDICC010  | SSTDICC010  | BG064449.D     | 25 Sep 2025 18:04 |                                                          | RC/JU    | Ok,NR  |
| 11  | SSTDICCC040 | SSTDICCC040 | BG064450.D     | 25 Sep 2025 18:45 | Method fail for compound #09,77. except these can be use | RC/JU    | Ok,NR  |
| 12  | SSTDICC060  | SSTDICC060  | BG064451.D     | 25 Sep 2025 19:26 |                                                          | RC/JU    | Ok,NR  |
| 13  | SSTDICV040  | ICVBG092525 | BG064452.D     | 25 Sep 2025 20:49 | ICV fail for compound #09.                               | RC/JU    | Ok,NR  |
| 14  | PB169726BL  | PB169726BL  | BG064453.D     | 25 Sep 2025 21:30 |                                                          | RC/JU    | Ok     |
| 15  | PB169726BS  | PB169726BS  | BG064454.D     | 25 Sep 2025 22:11 |                                                          | RC/JU    | Ok,NR  |

M : Manual Integration

Instrument ID: BNA\_G

**Daily Analysis Runlog For Sequence/QC Batch ID # BG092925**

|              |          |                      |                       |
|--------------|----------|----------------------|-----------------------|
| Review By    | rahul    | Review On            | 9/30/2025 8:41:59 AM  |
| Supervise By | Jagrut   | Supervise On         | 9/30/2025 11:09:02 AM |
| SubDirectory | BG092925 | HP Acquire Method    | BNA_G                 |
|              |          | HP Processing Method | BG092525              |

| STD. NAME                | STD REF.#                                               |
|--------------------------|---------------------------------------------------------|
| Tune/Reschk              | SP6757                                                  |
| Initial Calibration Stds | SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864 |
| CCC                      | SP6860                                                  |
| Internal Standard/PEM    | S13176,10ul/1000ul sample                               |
| ICV/I.BLK                | SP6872                                                  |
| Surrogate Standard       |                                                         |
| MS/MSD Standard          |                                                         |
| LCS Standard             |                                                         |

| Sr# | SampleID    | ClientID       | Data File Name | Date-Time         | Comment       | Operator | Status |
|-----|-------------|----------------|----------------|-------------------|---------------|----------|--------|
| 1   | DFTPP       | DFTPP          | BG064455.D     | 29 Sep 2025 11:41 |               | RC/JU    | Ok     |
| 2   | SSTDCCC040  | SSTDCCC040     | BG064456.D     | 29 Sep 2025 12:21 |               | RC/JU    | Ok,M   |
| 3   | PB169873BL  | PB169873BL     | BG064457.D     | 29 Sep 2025 13:02 |               | RC/JU    | Ok     |
| 4   | PB169873BS  | PB169873BS     | BG064458.D     | 29 Sep 2025 13:43 |               | RC/JU    | Ok,M   |
| 5   | Q3183-10    | WC-1           | BG064459.D     | 29 Sep 2025 14:31 |               | RC/JU    | Ok     |
| 6   | Q3183-11    | WC-4           | BG064460.D     | 29 Sep 2025 15:12 |               | RC/JU    | Ok     |
| 7   | Q3208-12    | SU-ESM-COMP-02 | BG064461.D     | 29 Sep 2025 15:53 |               | RC/JU    | Ok     |
| 8   | Q3181-03    | WC-A3-01-C     | BG064462.D     | 29 Sep 2025 16:34 |               | RC/JU    | Ok,M   |
| 9   | Q3181-03MS  | WC-A3-01-CMS   | BG064463.D     | 29 Sep 2025 17:15 |               | RC/JU    | Ok,M   |
| 10  | Q3181-03MSD | WC-A3-01-CMSD  | BG064464.D     | 29 Sep 2025 17:56 |               | RC/JU    | Ok,M   |
| 11  | Q3181-07    | WC-A3-02-C     | BG064465.D     | 29 Sep 2025 18:37 |               | RC/JU    | Ok     |
| 12  | Q3181-11    | WC-A3-03-C     | BG064466.D     | 29 Sep 2025 19:19 |               | RC/JU    | Ok     |
| 13  | Q3208-06    | SU-ESM-COMP-01 | BG064467.D     | 29 Sep 2025 20:00 |               | RC/JU    | Ok     |
| 14  | Q3232-01    | CONC-1         | BG064468.D     | 29 Sep 2025 20:41 |               | RC/JU    | Ok     |
| 15  | Q3232-01DL  | CONC-1DL       | BG064469.D     | 29 Sep 2025 21:22 | Not required. | RC/JU    | Not Ok |
| 16  | Q3215-01    | WASTE          | BG064470.D     | 29 Sep 2025 22:03 |               | RC/JU    | Ok,M   |
| 17  | Q3215-01DL  | WASTEDL        | BG064471.D     | 29 Sep 2025 22:44 | Not required. | RC/JU    | Not Ok |

M : Manual Integration

Instrument ID: BNA\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # BP091225**

|              |          |                      |                       |
|--------------|----------|----------------------|-----------------------|
| Review By    | Rahul    | Review On            | 9/12/2025 10:23:37 AM |
| Supervise By | Jagrut   | Supervise On         | 9/12/2025 11:49:47 AM |
| SubDirectory | BP091225 | HP Acquire Method    | BNA_P                 |
|              |          | HP Processing Method | BP091225              |

| STD. NAME                                                                                          | STD REF.#                                                         |
|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| Tune/Reschk<br>Initial Calibration Stds                                                            | SP6757<br>SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840 |
| CCC<br>Internal Standard/PEM<br>ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | SP6836<br>S13174,10ul/1000ul sample<br>SP6796                     |

| Sr# | SampleID    | ClientID            | Data File Name | Date-Time         | Comment                         | Operator | Status |
|-----|-------------|---------------------|----------------|-------------------|---------------------------------|----------|--------|
| 1   | DFTPP       | DFTPP               | BP025724.D     | 11 Sep 2025 08:09 |                                 | CG/JU    | Ok     |
| 2   | SSTDICC2.5  | SSTDICC2.5          | BP025725.D     | 11 Sep 2025 08:56 |                                 | CG/JU    | Ok,M   |
| 3   | SSTDICC005  | SSTDICC005          | BP025726.D     | 11 Sep 2025 09:37 |                                 | CG/JU    | Ok,M   |
| 4   | SSTDICC010  | SSTDICC010          | BP025727.D     | 11 Sep 2025 10:18 |                                 | CG/JU    | Ok,M   |
| 5   | SSTDICC020  | SSTDICC020          | BP025728.D     | 11 Sep 2025 10:59 |                                 | CG/JU    | Ok,M   |
| 6   | SSTDICCC040 | SSTDICCC040         | BP025729.D     | 11 Sep 2025 12:21 | Compound#54 & 56 are Kept on LR | CG/JU    | Ok,M   |
| 7   | SSTDICC050  | SSTDICC050          | BP025730.D     | 11 Sep 2025 13:02 | Not Used                        | CG/JU    | Not Ok |
| 8   | SSTDICC060  | SSTDICC060          | BP025731.D     | 11 Sep 2025 13:43 |                                 | CG/JU    | Ok     |
| 9   | SSTDICC080  | SSTDICC080          | BP025732.D     | 11 Sep 2025 14:24 |                                 | CG/JU    | Ok     |
| 10  | SSTDICC050  | SSTDICC050          | BP025733.D     | 11 Sep 2025 15:20 |                                 | CG/JU    | Ok,M   |
| 11  | SSTDICV040  | ICVBP091225         | BP025734.D     | 11 Sep 2025 16:54 |                                 | CG/JU    | Ok,M   |
| 12  | PB169633BL  | PB169633BL          | BP025735.D     | 11 Sep 2025 17:35 |                                 | CG/JU    | Ok     |
| 13  | DFTPP       | DFTPP               | BP025736.D     | 12 Sep 2025 09:03 |                                 | CG/JU    | Ok     |
| 14  | SSTDCCC040  | SSTDCCC040          | BP025737.D     | 12 Sep 2025 10:24 |                                 | CG/JU    | Ok     |
| 15  | PB169490BL  | PB169490BL          | BP025738.D     | 12 Sep 2025 11:05 |                                 | CG/JU    | Ok     |
| 16  | Q2893-02    | LOQ-SOIL-02-QT3-202 | BP025739.D     | 12 Sep 2025 11:46 | LOQ-SOIL-10PPM                  | CG/JU    | Ok,M   |
| 17  | Q2893-08    | LOQ-WATER-02-QT3-2  | BP025740.D     | 12 Sep 2025 12:27 | LOQ-WATER-10 PPM                | CG/JU    | Ok,M   |

Instrument ID: BNA\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # BP091225**

| Review By                | Rahul                                                   | Review On         | 9/12/2025 10:23:37 AM |                      |          |
|--------------------------|---------------------------------------------------------|-------------------|-----------------------|----------------------|----------|
| Supervise By             | Jagrut                                                  | Supervise On      | 9/12/2025 11:49:47 AM |                      |          |
| SubDirectory             | BP091225                                                | HP Acquire Method | BNA_P                 | HP Processing Method | BP091225 |
| STD. NAME                | STD REF.#                                               |                   |                       |                      |          |
| Tune/Reschk              | SP6757                                                  |                   |                       |                      |          |
| Initial Calibration Stds | SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840 |                   |                       |                      |          |
| CCC                      | SP6836                                                  |                   |                       |                      |          |
| Internal Standard/PEM    | S13174,10ul/1000ul sample                               |                   |                       |                      |          |
| ICV/I.BLK                | SP6796                                                  |                   |                       |                      |          |
| Surrogate Standard       |                                                         |                   |                       |                      |          |
| MS/MSD Standard          |                                                         |                   |                       |                      |          |
| LCS Standard             |                                                         |                   |                       |                      |          |

|    |            |                     |            |                   |                    |       |      |
|----|------------|---------------------|------------|-------------------|--------------------|-------|------|
| 18 | Q2893-01   | LOD-MDL-SOIL-01-QT  | BP025741.D | 12 Sep 2025 13:08 | LOD-MDL-SOIL-8PPM  | CG/JU | Ok,M |
| 19 | Q2893-07   | LOD-MDL-WATER-01-QT | BP025742.D | 12 Sep 2025 13:49 | LOD-MDL-WATER-8PPM | CG/JU | Ok,M |
| 20 | PB169499BL | PB169499BL          | BP025743.D | 12 Sep 2025 14:30 |                    | CG/JU | Ok   |
| 21 | SSTDCCC040 | SSTDCCC040EC        | BP025744.D | 12 Sep 2025 15:35 |                    | CG/JU | Ok,M |

M : Manual Integration

Instrument ID: BNA\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # BP092925**

|              |          |                      |                       |
|--------------|----------|----------------------|-----------------------|
| Review By    | rahul    | Review On            | 9/30/2025 8:35:30 AM  |
| Supervise By | Jagrut   | Supervise On         | 9/30/2025 11:08:17 AM |
| SubDirectory | BP092925 | HP Acquire Method    | BNA_P                 |
|              |          | HP Processing Method | BP091225              |

| STD. NAME                | STD REF.#                                               |
|--------------------------|---------------------------------------------------------|
| Tune/Reschk              | SP6757                                                  |
| Initial Calibration Stds | SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840 |
| CCC                      | SP6836                                                  |
| Internal Standard/PEM    | S13176,10ul/1000ul sample                               |
| ICV/I.BLK                | SP6796                                                  |
| Surrogate Standard       |                                                         |
| MS/MSD Standard          |                                                         |
| LCS Standard             |                                                         |

| Sr# | SampleID    | ClientID       | Data File Name | Date-Time         | Comment         | Operator | Status |
|-----|-------------|----------------|----------------|-------------------|-----------------|----------|--------|
| 1   | DFTPP       | DFTPP          | BP025874.D     | 29 Sep 2025 10:11 |                 | CG/JU    | Ok     |
| 2   | SSTDCCC040  | SSTDCCC040     | BP025875.D     | 29 Sep 2025 10:51 |                 | CG/JU    | Ok     |
| 3   | PB169840TB  | PB169840TB     | BP025876.D     | 29 Sep 2025 11:32 |                 | CG/JU    | Ok     |
| 4   | Q3183-12    | WC-3           | BP025877.D     | 29 Sep 2025 12:20 |                 | CG/JU    | Ok     |
| 5   | Q3200-01MS  | ETGI-367MS     | BP025878.D     | 29 Sep 2025 13:01 |                 | CG/JU    | Ok     |
| 6   | Q3200-01MSD | ETGI-367MSD    | BP025879.D     | 29 Sep 2025 13:42 |                 | CG/JU    | Ok,M   |
| 7   | Q3210-01    | SG-1           | BP025880.D     | 29 Sep 2025 14:23 |                 | CG/JU    | Ok     |
| 8   | Q3209-01    | PL-02-092525   | BP025881.D     | 29 Sep 2025 15:04 |                 | CG/JU    | Ok     |
| 9   | Q3208-07    | SU-ESM-COMP-02 | BP025882.D     | 29 Sep 2025 15:45 |                 | CG/JU    | Ok,M   |
| 10  | Q3206-01    | TR-06-092525   | BP025883.D     | 29 Sep 2025 16:26 |                 | CG/JU    | Ok,M   |
| 11  | Q3208-01    | SU-ESM-COMP-01 | BP025884.D     | 29 Sep 2025 17:07 |                 | CG/JU    | Ok,M   |
| 12  | Q3212-01    | EO-03-092525   | BP025885.D     | 29 Sep 2025 17:49 |                 | CG/JU    | Ok,M   |
| 13  | Q3231-01    | WC-1           | BP025886.D     | 29 Sep 2025 18:30 |                 | CG/JU    | Ok,M   |
| 14  | Q3220-01    | OR-03-092625   | BP025887.D     | 29 Sep 2025 19:11 |                 | CG/JU    | Ok,M   |
| 15  | Q3221-01    | HD-01-092625   | BP025888.D     | 29 Sep 2025 19:52 |                 | CG/JU    | Ok,M   |
| 16  | Q3222-01    | SU-03-092625   | BP025889.D     | 29 Sep 2025 20:33 |                 | CG/JU    | Ok,M   |
| 17  | Q3231-09    | WC-3           | BP025890.D     | 29 Sep 2025 21:15 | Surrogate fail. | CG/JU    | Ok     |

M : Manual Integration

SOP ID : M1311-TCLP-16  
SDG No : N/A  
Weigh By : JP  
Balance ID : WC SC-7  
pH Meter ID : WC PH METER-1  
Extraction By : JP  
Filter By : JP  
Pipette ID : WC  
Tumbler ID : T-1 / T-2  
TCLP Filter ID : 40819719

Start Prep Date : 09/25/2025 Time : 14:30  
End Prep Date : 09/26/2025 Time : 08:10  
Combination Ratio : 20  
ZHE Cleaning Batch : N/A  
Initial Room Temperature: 24 °C  
Final Room Temperature: 22 °C  
TCLP Technician Signature : *[Signature]*  
Supervisor By : *[Signature]*

| Standard Name | MLS USED | STD REF. # FROM LOG |
|---------------|----------|---------------------|
| 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                 |

| Chemical Used        | ML/SAMPLE U       | Lot Number              |
|----------------------|-------------------|-------------------------|
| TCLP-FLUID-1         | N/A               | WP114525                |
| HCL-TCLP,1N          | N/A               | WP114527                |
| HNO3-TCLP,1N         | N/A               | WP114528                |
| pH Strips            | N/A               | W1931,W1934,W3171,W3172 |
| pH Strips            | W1940,W1941,W1942 | W3166,W1938,W1939,      |
| 1 Liter Amber        | N/A               | 90924-08                |
| 120ml Plastic bottle | N/A               | 2738                    |
| 1:1 HNO3             | N/A               | MP86978                 |

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

Matrix spikes are added after filtration and before preservation. Tumbler T-1 /T-2 checked,30 rpm. q3208-12 is used for MS-MSD.

| Date / Time    | Prepped Sample Relinquished By/Location | Received By/Location              |
|----------------|-----------------------------------------|-----------------------------------|
| 09/26/25 11:00 | <i>[Signature]</i> 1st Room             | <i>[Signature]</i> RT/Ext         |
|                | Preparation Group                       | Analysis Group <i>[Signature]</i> |

| Sample ID  | ClientID                | TCLP Vessel ID | Sample Wt (g) | Volume Extraction Fluid #1 (mL) | Multi phasic | Phase Miscible | Phases Combined | Final Leachate PH | Metals Leachate Adj. PH | Prep Pos |
|------------|-------------------------|----------------|---------------|---------------------------------|--------------|----------------|-----------------|-------------------|-------------------------|----------|
| PB169840TB | LEB840                  | 17             | N/A           | 2000                            | N/A          | N/A            | N/A             | 4.94              | 1.5                     | T-2      |
| Q3146-03   | MECHANIC-ST-PAINT-CHIPS | 01             | 100.01        | 2000                            | N/A          | N/A            | N/A             | 3.0               | 1.5                     | T-1      |
| Q3181-03   | WC-A3-01-C              | 02             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 11.0              | 1.0                     | T-1      |
| Q3181-07   | WC-A3-02-C              | 03             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 11.0              | 1.0                     | T-1      |
| Q3181-11   | WC-A3-03-C              | 04             | 100.04        | 2000                            | N/A          | N/A            | N/A             | 11.0              | 1.5                     | T-1      |
| Q3183-10   | WC-1                    | 05             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 5.8               | 1.5                     | T-1      |
| Q3183-11   | WC-4                    | 06             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 5.0               | 1.0                     | T-1      |
| Q3183-12   | WC-3                    | 07             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 5.6               | 1.5                     | T-1      |
| Q3188-05   | 4135                    | 08             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 3.0               | 1.0                     | T-1      |
| Q3191-01   | 459                     | 09             | 100.00        | 2000                            | N/A          | N/A            | N/A             | 8.6               | 1.5                     | T-1      |
| Q3196-01   | FMC-9-24-25-1           | 10             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 5.5               | 1.0                     | T-1      |
| Q3196-02   | FMC-9-24-25-2           | 11             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 5.6               | 1.5                     | T-2      |
| Q3196-03   | FMC-9-24-25-3           | 12             | 100.01        | 2000                            | N/A          | N/A            | N/A             | 5.0               | 1.0                     | T-2      |
| Q3196-04   | FMC-9-24-25-4           | 13             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 5.0               | 1.5                     | T-2      |
| Q3196-05   | FMC-9-24-25-5           | 14             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 5.0               | 1.0                     | T-2      |
| Q3208-06   | SU-ESM-COMP-01          | 15             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 7.6               | 1.5                     | T-2      |
| Q3208-12   | SU-ESM-COMP-02          | 16             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 7.2               | 1.0                     | T-2      |

| SampleID   | ClientID                | Sample Weight (g) | Filter Weight (g) | Filtrate (mL) | Filter + Solid (After 100°C) | % solids | % Dry Solids |
|------------|-------------------------|-------------------|-------------------|---------------|------------------------------|----------|--------------|
| PB169840TB | LEB840                  | N/A               | N/A               | N/A           | N/A                          | N/A      | N/A          |
| Q3146-03   | MECHANIC-ST-PAINT-CHIPS | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| Q3181-03   | WC-A3-01-C              | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| Q3181-07   | WC-A3-02-C              | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| Q3181-11   | WC-A3-03-C              | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| Q3183-10   | WC-1                    | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| Q3183-11   | WC-4                    | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| Q3183-12   | WC-3                    | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| Q3188-05   | 4135                    | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| Q3191-01   | 459                     | N/A               | N/A               | N/A           | N/A                          | <0.5     | N/A          |
| Q3196-01   | FMC-9-24-25-1           | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| Q3196-02   | FMC-9-24-25-2           | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| Q3196-03   | FMC-9-24-25-3           | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| Q3196-04   | FMC-9-24-25-4           | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| Q3196-05   | FMC-9-24-25-5           | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| Q3208-06   | SU-ESM-COMP-01          | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| Q3208-12   | SU-ESM-COMP-02          | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |

Hot Block ID : WC S-1 / WC S-2

 Thermometer ID : FLASHPOINT

| SampleID   | ClientID                | Sample Weight (g) | Volume DI Water (mL) | PH after 5 min stir | PH after 10 min stir | Extraction Fluid 1 or 2 | pH Extraction Fluid |
|------------|-------------------------|-------------------|----------------------|---------------------|----------------------|-------------------------|---------------------|
| PB169840TB | LEB840                  | N/A               | N/A                  | N/A                 | N/A                  | #1                      | 4.94                |
| Q3146-03   | MECHANIC-ST-PAINT-CHIPS | 5.02              | 96.5                 | 5.8                 | 1.5                  | #1                      | 4.94                |
| Q3181-03   | WC-A3-01-C              | 5.03              | 96.5                 | 11.5                | 4.5                  | #1                      | 4.94                |
| Q3181-07   | WC-A3-02-C              | 5.02              | 96.5                 | 11.5                | 4.5                  | #1                      | 4.94                |
| Q3181-11   | WC-A3-03-C              | 5.03              | 96.5                 | 11.5                | 4.5                  | #1                      | 4.94                |
| Q3183-10   | WC-1                    | 5.02              | 96.5                 | 8.0                 | 3.5                  | #1                      | 4.94                |
| Q3183-11   | WC-4                    | 5.01              | 96.5                 | 7.0                 | 2.5                  | #1                      | 4.94                |
| Q3183-12   | WC-3                    | 5.02              | 96.5                 | 8.6                 | 3.0                  | #1                      | 4.94                |
| Q3188-05   | 4135                    | 5.03              | 96.5                 | 5.6                 | 1.5                  | #1                      | 4.94                |
| Q3191-01   | 459                     | 5.02              | N/A                  | N/A                 | N/A                  | N/A                     | N/A                 |
| Q3196-01   | FMC-9-24-25-1           | 5.03              | 96.5                 | 7.4                 | 2.5                  | #1                      | 4.94                |
| Q3196-02   | FMC-9-24-25-2           | 5.02              | 96.5                 | 7.0                 | 2.0                  | #1                      | 4.94                |
| Q3196-03   | FMC-9-24-25-3           | 5.02              | 96.5                 | 6.6                 | 2.0                  | #1                      | 4.94                |
| Q3196-04   | FMC-9-24-25-4           | 5.03              | 96.5                 | 6.4                 | 2.5                  | #1                      | 4.94                |
| Q3196-05   | FMC-9-24-25-5           | 5.02              | 96.5                 | 6.4                 | 2.0                  | #1                      | 4.94                |
| Q3208-06   | SU-ESM-COMP-01          | 5.02              | 96.5                 | 9.7                 | 4.0                  | #1                      | 4.94                |
| Q3208-12   | SU-ESM-COMP-02          | 5.01              | 96.5                 | 8.6                 | 3.5                  | #1                      | 4.94                |

# WORKLIST(Hardcopy Internal Chain)

| WorkList Name : TCLP Q3181 |                         | WorkList ID : 192081 |                 | Department : TCLP Extraction |          | Date : 09-25-2025 12:08:43  |              |        |
|----------------------------|-------------------------|----------------------|-----------------|------------------------------|----------|-----------------------------|--------------|--------|
| Sample                     | Customer Sample         | Matrix               | Test            | Preservative                 | Customer | Raw Sample Storage Location | Collect Date | Method |
| Q3146-03                   | MECHANIC-ST-PAINT-CHIPS | Solid                | TCLP Extraction | Cool 4 deg C                 | PSEG03   | D41                         | 09/19/2025   | 1311   |
| Q3181-03                   | WC-A3-01-C              | Solid                | TCLP Extraction | Cool 4 deg C                 | ENTA05   | J33                         | 09/24/2025   | 1311   |
| Q3181-07                   | WC-A3-02-C              | Solid                | TCLP Extraction | Cool 4 deg C                 | ENTA05   | J33                         | 09/24/2025   | 1311   |
| Q3181-11                   | WC-A3-03-C              | Solid                | TCLP Extraction | Cool 4 deg C                 | ENTA05   | J33                         | 09/24/2025   | 1311   |
| Q3183-10                   | WC-1                    | Solid                | TCLP Extraction | Cool 4 deg C                 | PSEG03   | J32                         | 09/24/2025   | 1311   |
| Q3183-11                   | WC-4                    | Solid                | TCLP Extraction | Cool 4 deg C                 | PSEG03   | J32                         | 09/24/2025   | 1311   |
| Q3183-12                   | WC-3                    | Solid                | TCLP Extraction | Cool 4 deg C                 | PSEG03   | J32                         | 09/24/2025   | 1311   |
| Q3188-05                   | 4135                    | Solid                | TCLP Extraction | Cool 4 deg C                 | PSEG03   | J32                         | 09/24/2025   | 1311   |
| Q3191-01                   | 459                     | Solid                | TCLP Extraction | Cool 4 deg C                 | PSEG03   | J41                         | 09/24/2025   | 1311   |
| Q3196-01                   | FMC-9-24-25-1           | Solid                | TCLP Extraction | Cool 4 deg C                 | PSEG03   | D31                         | 09/24/2025   | 1311   |
| Q3196-02                   | FMC-9-24-25-2           | Solid                | TCLP Extraction | Cool 4 deg C                 | PSEG03   | D31                         | 09/24/2025   | 1311   |
| Q3196-03                   | FMC-9-24-25-3           | Solid                | TCLP Extraction | Cool 4 deg C                 | PSEG03   | D31                         | 09/24/2025   | 1311   |
| Q3196-04                   | FMC-9-24-25-4           | Solid                | TCLP Extraction | Cool 4 deg C                 | PSEG03   | D31                         | 09/24/2025   | 1311   |
| Q3196-05                   | FMC-9-24-25-5           | Solid                | TCLP Extraction | Cool 4 deg C                 | PSEG03   | D31                         | 09/24/2025   | 1311   |
| Q3208-06                   | SU-ESM-COMP-01          | Solid                | TCLP Extraction | Cool 4 deg C                 | PSEG03   | D31                         | 09/25/2025   | 1311   |
| Q3208-12                   | SU-ESM-COMP-02          | Solid                | TCLP Extraction | Cool 4 deg C                 | PSEG03   | D31                         | 09/25/2025   | 1311   |

Date/Time 09/25/25 13:00  
 Raw Sample Received by: [Signature]  
 Raw Sample Relinquished by: [Signature]

Date/Time 09/25/25 16:00  
 Raw Sample Received by: [Signature]  
 Raw Sample Relinquished by: [Signature]

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

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 4,6,7

Extraction Start Date : 09/26/2025

Extraction Start Time : 11:10

Extraction End Date : 09/26/2025

Extraction End Time : 16:30

Concentration By: EH

Supervisor By : N/A

Extraction Method: ☒ Separatory Funnel

☐ Continuous Liquid/Liquid

☐ Sonication

☐ Waste Dilution

☐ Soxhlet

| Standard Name | MLS USED | Concentration ug/mL | STD REF. # FROM LOG |
|---------------|----------|---------------------|---------------------|
| Spike Sol 1   | 1.0ML    | 50/100 PPM          | SP6865              |
| Surrogate     | 1.0ML    | 100/150 PPM         | SP6869              |
| N/A           | N/A      | N/A                 | N/A                 |
| N/A           | 1.0ML    | N/A                 | N/A                 |
| N/A           | N/A      | N/A                 | N/A                 |

| Chemical Used      | ML/SAMPLE USED | Lot Number |
|--------------------|----------------|------------|
| Methylene Chloride | N/A            | EP3973     |
| Baked Na2SO4       | N/A            | EP2639     |
| 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        |
| N/A                | N/A            | N/A        |

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

1.5ML Vial Lot # 2210443.PH Adjust to <2 With 1:1 H2SO4 & >12 With 10N 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 |
|-------------|-----------------------------------------|----------------------|
| 9/26/25     | RJ (EXL-046)                            | RL/SVOC              |
| 16:45       | Preparation Group                       | Analysis Group       |

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 09/26/2025

| Sample ID       | Client Sample ID | Test     | g / ml | PH | Surr/Spike By: |            | Final Vol.<br>(mL) | JarID | Comments | Prep<br>Pos |
|-----------------|------------------|----------|--------|----|----------------|------------|--------------------|-------|----------|-------------|
|                 |                  |          |        |    | AddedBy        | VerifiedBy |                    |       |          |             |
| PB169840TB      | PB169840TB       | TCLP BNA | 100    | 6  | ritesh         | Evelyn     | 1                  |       |          | SEP-1       |
| PB169873BL      | PB169873BL       | TCLP BNA | 1000   | 6  | ritesh         | Evelyn     | 1                  |       |          | 2           |
| PB169873BS      | PB169873BS       | TCLP BNA | 1000   | 6  | ritesh         | Evelyn     | 1                  |       |          | 3           |
| Q3181-03        | WC-A3-01-C       | TCLP BNA | 100    | 6  | ritesh         | Evelyn     | 1                  | A     |          | 4           |
| Q3181-03MS      | WC-A3-01-CMS     | TCLP BNA | 100    | 6  | ritesh         | Evelyn     | 1                  | A     |          | 5           |
| Q3181-03MS<br>D | WC-A3-01-CMSD    | TCLP BNA | 100    | 6  | ritesh         | Evelyn     | 1                  | A     |          | 6           |
| Q3181-07        | WC-A3-02-C       | TCLP BNA | 100    | 6  | ritesh         | Evelyn     | 1                  | A     |          | 7           |
| Q3181-11        | WC-A3-03-C       | TCLP BNA | 100    | 6  | ritesh         | Evelyn     | 1                  | A     |          | 8           |
| Q3183-10        | WC-1             | TCLP BNA | 100    | 6  | ritesh         | Evelyn     | 1                  | A     |          | 9           |
| Q3183-11        | WC-4             | TCLP BNA | 100    | 6  | ritesh         | Evelyn     | 1                  | A     |          | 10          |
| Q3183-12        | WC-3             | TCLP BNA | 100    | 6  | ritesh         | Evelyn     | 1                  | A     |          | 11          |
| Q3208-06        | SU-ESM-COMP-01   | TCLP BNA | 100    | 6  | ritesh         | Evelyn     | 1                  | A     |          | 12          |
| Q3208-12        | SU-ESM-COMP-02   | TCLP BNA | 100    | 6  | ritesh         | Evelyn     | 1                  | A     |          | 13          |

RJ  
9/26

| Sample ID  | ClientID                | TCLP Vessel ID | Sample Wt (g) | Volume Extraction Fluid #1 (mL) | Multi phasic | Phase Miscible | Phases Combined | Final Leachate PH | Metals Leachate Adj. PH | Prep Pos |
|------------|-------------------------|----------------|---------------|---------------------------------|--------------|----------------|-----------------|-------------------|-------------------------|----------|
| PB169840TB | LEB840                  | 17             | N/A           | 2000                            | N/A          | N/A            | N/A             | 4.94              | 1.5                     | T-2      |
| Q3146-03   | MECHANIC-ST-PAINT-CHIPS | 01             | 100.01        | 2000                            | N/A          | N/A            | N/A             | 3.0               | 1.5                     | T-1      |
| Q3181-03   | WC-A3-01-C              | 02             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 11.0              | 1.0                     | T-1      |
| Q3181-07   | WC-A3-02-C              | 03             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 11.0              | 1.0                     | T-1      |
| Q3181-11   | WC-A3-03-C              | 04             | 100.04        | 2000                            | N/A          | N/A            | N/A             | 11.0              | 1.5                     | T-1      |
| Q3183-10   | WC-1                    | 05             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 5.8               | 1.5                     | T-1      |
| Q3183-11   | WC-4                    | 06             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 5.0               | 1.0                     | T-1      |
| Q3183-12   | WC-3                    | 07             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 5.6               | 1.5                     | T-1      |
| Q3188-05   | 4135                    | 08             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 3.0               | 1.0                     | T-1      |
| Q3191-01   | 459                     | 09             | 100.00        | 2000                            | N/A          | N/A            | N/A             | 8.6               | 1.5                     | T-1      |
| Q3196-01   | FMC-9-24-25-1           | 10             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 5.5               | 1.0                     | T-1      |
| Q3196-02   | FMC-9-24-25-2           | 11             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 5.6               | 1.5                     | T-2      |
| Q3196-03   | FMC-9-24-25-3           | 12             | 100.01        | 2000                            | N/A          | N/A            | N/A             | 5.0               | 1.0                     | T-2      |
| Q3196-04   | FMC-9-24-25-4           | 13             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 5.0               | 1.5                     | T-2      |
| Q3196-05   | FMC-9-24-25-5           | 14             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 5.0               | 1.0                     | T-2      |
| Q3208-06   | SU-ESM-COMP-01          | 15             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 7.6               | 1.5                     | T-2      |
| Q3208-12   | SU-ESM-COMP-02          | 16             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 7.2               | 1.0                     | T-2      |

09/26/25  
11:00



# SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092

(908) 789-8900 Fax: (908) 788-9222

www.chemtech.net

## CHAIN OF CUSTODY RECORD

Alliance Project Number:

23181

COC Number: 2042113

Page 1 of 2

## CLIENT INFORMATION

COMPANY: ENTACT, LLC

ADDRESS: 150 Bay Street, Suite 806

CITY: Jersey City STATE: NJ ZIP: 07302

ATTENTION: Austin Farmerie

PHONE: 412-716-1366

FAX:

## PROJECT INFORMATION

PROJECT NAME: 540 Degraw St Brooklyn, NY

PROJECT #: E9309 LOCATION: Brooklyn, NY

PROJECT MANAGER: Austin Farmerie

E-MAIL: afarmerie@entact.com

PHONE: 412-716-1366

FAX:

## BILLING INFORMATION

BILL TO: ENTACT, LLC

PO# E9309

ADDRESS: 999 Oakmont Plaza Drive, Suite 300

CITY: Westmont

STATE: IL ZIP: 60559

ATTENTION: Wendy Murray

PHONE: 800-936-8228

## ANALYSIS

| TCLP VOCs | TCLP ICP Metals +<br>Cu, Ni, Zn | TCLP Herb | TCLP Pest | TCLP SVOCs | TCLP pH * | I/C/R | PCBs | Oil & Grease |                                                                            |
|-----------|---------------------------------|-----------|-----------|------------|-----------|-------|------|--------------|----------------------------------------------------------------------------|
| 1         | 2                               | 3         | 4         | 5          | 6         | 7     | 8    | 9            |                                                                            |
|           |                                 |           |           |            |           |       |      |              | * For TCLP pH -<br>include preparatory<br>information for TCLP<br>leachate |

## PRESERVATIVES

## COMMENTS

## DATA TURNAROUND INFORMATION

FAX: 3 DAYS\*  
HARD COPY: 3 DAYS\*  
EDD 3 DAYS\*  
\* TO BE APPROVED BY ALLIANCE  
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

## DATA DELIVERABLE INFORMATION

- ☐ RESEULTS ONLY ☐ USEPA CLP  
☐ RESULTS + QC ☐ New York State ASP "B"  
☐ New Jersey REDUCED ☐ New York State ASP "A"  
☐ New Jersey CLP ☐ Other \_\_\_\_\_  
☐ EDD Format \_\_\_\_\_

| CHEMTECH<br>SAMPLE<br>ID | PROJECT<br>SAMPLE IDENTIFICATION | SAMPLE<br>MATRIX | SAMPLE<br>TYPE |      | SAMPLE<br>COLLECTION |       | # of Bottles |   |   |   |   |   |   |   |   |   |  |
|--------------------------|----------------------------------|------------------|----------------|------|----------------------|-------|--------------|---|---|---|---|---|---|---|---|---|--|
|                          |                                  |                  | COMP           | GRAB | DATE                 | TIME  |              | E | E | E | E | E | E | E | E | E |  |
| 1.                       | WC-A3-01-G                       | Soil             |                | X    | 9/24                 | 12:00 | 1            | X |   |   |   |   |   |   |   |   |  |
| 2.                       | WC-A3-01-C                       | Soil             | X              |      | 9/24                 | 12:00 | 11           |   | X | X | X | X | X | X | X | X |  |
| 3.                       | WC-A3-02-G                       | Soil             |                | X    | 9/24                 | 12:00 | 1            | X |   |   |   |   |   |   |   |   |  |
| 4.                       | WC-A3-02-C                       | Soil             | X              |      | 9/24                 | 12:00 | 11           |   | X | X | X | X | X | X | X | X |  |
| 5.                       | WC-A3-03-G                       | Soil             |                | X    | 9/24                 | 12:00 | 1            | X |   |   |   |   |   |   |   |   |  |
| 6.                       | WC-A3-03-C                       | Soil             | X              |      | 9/24                 | 12:00 | 11           |   | X | X | X | X | X | X | X | X |  |
| 7.                       |                                  |                  |                |      |                      |       |              |   |   |   |   |   |   |   |   |   |  |
| 8.                       |                                  |                  |                |      |                      |       |              |   |   |   |   |   |   |   |   |   |  |
| 9.                       |                                  |                  |                |      |                      |       |              |   |   |   |   |   |   |   |   |   |  |
| 10.                      |                                  |                  |                |      |                      |       |              |   |   |   |   |   |   |   |   |   |  |

## SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSESSION INCLUDING COURIER DELIVERY

|                                               |                         |                     |         |                                                                                                                                                                   |
|-----------------------------------------------|-------------------------|---------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RELINQUISHED BY SAMPLER<br>1. Austin Farmerie | DATE/TIME<br>9-24 12:00 | RECEIVED BY<br>     | 1230    | Conditions of bottles or coolers at receipt: <input type="checkbox"/> Compliant <input type="checkbox"/> Non Compliant <input type="checkbox"/> Cooler Temp 3.0°C |
| RELINQUISHED BY                               | DATE/TIME               | RECEIVED BY         | 9-24-25 | Comments:                                                                                                                                                         |
| 2.                                            |                         | 2.                  |         |                                                                                                                                                                   |
| RELINQUISHED BY<br>                           | DATE/TIME<br>9-24-25    | RECEIVED FOR LAB BY |         |                                                                                                                                                                   |
| 3.                                            |                         | 3.                  |         |                                                                                                                                                                   |

Page \_\_\_\_\_ of \_\_\_\_\_

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight  
ALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete  
☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT

YELLOW - ALLIANCE COPY

PINK - SAMPLER COPY



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### CHAIN OF CUSTODY RECORD

Alliance Project Number: Q 3181

COC Number: 2042113

Page 2 of 2

#### CLIENT INFORMATION

COMPANY: ENTACT, LLC  
ADDRESS: 150 Bay Street, Suite 806  
CITY: Jersey City STATE: NJ ZIP: 07302  
ATTENTION: Austin Farmerie  
PHONE: 412-716-1366 FAX:

#### PROJECT INFORMATION

PROJECT NAME: 540 Degraw St Brooklyn, NY  
PROJECT #: E9309 LOCATION: Brooklyn, NY  
PROJECT MANAGER: Austin Farmerie  
E-MAIL: afarmerie@entact.com  
PHONE: 412-716-1366 FAX:

#### BILLING INFORMATION

BILL TO: ENTACT, LLC PO# E9309  
ADDRESS: 999 Oakmont Plaza Drive, Suite 300  
CITY: Westmont STATE: IL ZIP: 60559  
ATTENTION: Wendy Murray PHONE: 800-936-8228

#### DATA TURNAROUND INFORMATION

FAX: 3 DAYS\*  
HARD COPY: DAYS\*  
EDD 3 DAYS\*  
\* TO BE APPROVED BY ALLIANCE  
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

#### DATA DELIVERABLE INFORMATION

☐ RESEULTS ONLY ☐ USEPA CLP  
☐ RESULTS + QC ☐ New York State ASP "B"  
☐ New Jersey REDUCED ☐ New York State ASP "A"  
☐ New Jersey CLP ☐ Other \_\_\_\_\_  
☐ EDD Format

#### ANALYSIS

| ASTM COD | ASTM Ammonia-Nitrogen | ASTM O&G | ASTM TS | TS, TVS | pH (9045D) | Paint Filter |  |  |
|----------|-----------------------|----------|---------|---------|------------|--------------|--|--|
| 10       | 11                    | 12       | 13      | 14      | 15         | 16           |  |  |

#### PRESERVATIVES

#### COMMENTS

| CHEMTECH<br>SAMPLE<br>ID | PROJECT<br>SAMPLE IDENTIFICATION | SAMPLE<br>MATRIX | SAMPLE<br>TYPE |      | SAMPLE<br>COLLECTION |       | # of Bottles | E | E | E | E | E | E |   |   |   |
|--------------------------|----------------------------------|------------------|----------------|------|----------------------|-------|--------------|---|---|---|---|---|---|---|---|---|
|                          |                                  |                  | COMP           | GRAB | DATE                 | TIME  |              | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1.                       | WC-A3-01-G                       | Soil             |                | X    | 9/24                 | 12:00 | 1            |   |   |   |   |   |   |   |   |   |
| 2.                       | WC-A3-01-C                       | Soil             | X              |      | 9/24                 | 12:00 | 11           | X | X | X | X | X | X | X |   |   |
| 3.                       | WC-A3-02-G                       | Soil             |                | X    | 9/24                 | 12:00 | 1            |   |   |   |   |   |   |   |   |   |
| 4.                       | WC-A3-02-C                       | Soil             | X              |      | 9/24                 | 12:00 | 11           | X | X | X | X | X | X | X |   |   |
| 5.                       | WC-A3-03-G                       | Soil             |                | X    | 9/24                 | 12:00 | 1            |   |   |   |   |   |   |   |   |   |
| 6.                       | WC-A3-03-C                       | Soil             | X              |      | 9/24                 | 12:00 | 11           | X | X | X | X | X | X | X |   |   |
| 7.                       |                                  |                  |                |      |                      |       |              |   |   |   |   |   |   |   |   |   |
| 8.                       |                                  |                  |                |      |                      |       |              |   |   |   |   |   |   |   |   |   |
| 9.                       |                                  |                  |                |      |                      |       |              |   |   |   |   |   |   |   |   |   |
| 10.                      |                                  |                  |                |      |                      |       |              |   |   |   |   |   |   |   |   |   |

<-- Specify Preservatives  
A-HCl B-HNO3  
C-H2SO4 D-NaOH  
E-ICE F-Other

#### SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSESSION INCLUDING COURIER DELIVERY

|                                               |                      |                           |                     |                                                                                                                                                                                                              |
|-----------------------------------------------|----------------------|---------------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RELINQUISHED BY SAMPLER<br>1. Austin Farmerie | DATE/TIME<br>9-24-12 | RECEIVED BY<br>           | 1238<br>9-24-12     | Conditions of bottles or coolers at receipt: <input type="checkbox"/> Compliant <input type="checkbox"/> Non Compliant <input type="checkbox"/> Cooler Temp 3-0 C<br><input type="checkbox"/> Ice in Cooler? |
| RELINQUISHED BY<br>2.                         | DATE/TIME            | RECEIVED BY<br>2.         |                     | Comments:                                                                                                                                                                                                    |
| RELINQUISHED BY<br>                           | DATE/TIME<br>9-24-12 | RECEIVED FOR LAB BY<br>3. |                     | SHIPPED VIA: CLIENT: <input type="checkbox"/> Hand Delivered <input type="checkbox"/> Overnight<br>ALLIANCE: <input type="checkbox"/> Picked Up <input type="checkbox"/> Overnight                           |
|                                               |                      |                           | Page _____ of _____ | Shipment Complete<br><input type="checkbox"/> YES <input type="checkbox"/> NO                                                                                                                                |

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT

YELLOW - ALLIANCE COPY

PINK - SAMPLER COPY

### Laboratory Certification

| Certified By    | License No.      |
|-----------------|------------------|
|                 |                  |
| Connecticut     | PH-0830          |
|                 |                  |
| DOD ELAP (ANAB) | L2219            |
|                 |                  |
| Maine           | 2024021          |
|                 |                  |
| Maryland        | 296              |
|                 |                  |
| New Hampshire   | 255425           |
|                 |                  |
| New Jersey      | 20012            |
|                 |                  |
| New York        | 11376            |
|                 |                  |
| Pennsylvania    | 68-00548         |
|                 |                  |
| Soil Permit     | 525-24-234-08441 |
|                 |                  |
| Texas           | TX-C25-00189     |
|                 |                  |
| Virginia        | 460312           |