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

# Hit Summary Sheet
**SW-846**

**SDG No.:** Q2210

**Client:** G Environmental

| Sample ID | Client ID | | Parameter | | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| **Client ID : TW1** | | | | | | | | | |
| Q2210-01 | TW1 | WATER | 2-Pentanone, 4-hydroxy-4-methyl | * | 3.800 | AB | 0 | 0 | ug/L |
| Q2210-01 | TW1 | WATER | Benzophenone | * | 3.400 | J | 0 | 0 | ug/L |
| Q2210-01 | TW1 | WATER | Docosane, 11-butyl- | * | 2.100 | J | 0 | 0 | ug/L |
| Q2210-01 | TW1 | WATER | Docosane, 9-butyl- | * | 3.500 | J | 0 | 0 | ug/L |
| Q2210-01 | TW1 | WATER | Eicosane | * | 3.200 | J | 0 | 0 | ug/L |
| Q2210-01 | TW1 | WATER | n-Hexadecanoic acid | * | 28.100 | J | 0 | 0 | ug/L |
| Q2210-01 | TW1 | WATER | Nonadecane | * | 3.700 | J | 0 | 0 | ug/L |
| Q2210-01 | TW1 | WATER | Octadecanoic acid | * | 7.400 | J | 0 | 0 | ug/L |
| | | | **Total Tics :** | | | **55.20** | | | |
| | | | **Total Concentration:** | | | **55.20** | | | |

# SAMPLE DATA

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | 06/03/25 |
| Project: | Stockton | Date Received: | 06/04/25 |
| Client Sample ID: | TW1 | SDG No.: | Q2210 |
| Lab Sample ID: | Q2210-01 | Matrix: | Water |
| Analytical Method: | 8270E | % Solid: | 0 |
| Sample Wt/Vol: | 1000 Units: mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group1 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3510C | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP024874.D | 1 | 06/06/25 08:35 | 06/09/25 12:50 | PB168323 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 100-52-7 | Benzaldehyde | 3.90 | U | 3.90 | 10.0 | ug/L |
| 111-44-4 | bis(2-Chloroethyl)ether | 0.81 | U | 0.81 | 5.00 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.30 | U | 1.30 | 5.00 | ug/L |
| 98-86-2 | Acetophenone | 0.74 | U | 0.74 | 5.00 | ug/L |
| 621-64-7 | n-Nitroso-di-n-propylamine | 1.40 | U | 1.40 | 2.50 | ug/L |
| 67-72-1 | Hexachloroethane | 0.65 | U | 0.65 | 5.00 | ug/L |
| 98-95-3 | Nitrobenzene | 0.76 | U | 0.76 | 5.00 | ug/L |
| 78-59-1 | Isophorone | 0.75 | U | 0.75 | 5.00 | ug/L |
| 111-91-1 | bis(2-Chloroethoxy)methane | 0.68 | U | 0.68 | 5.00 | ug/L |
| 91-20-3 | Naphthalene | 0.50 | U | 0.50 | 5.00 | ug/L |
| 106-47-8 | 4-Chloroaniline | 0.84 | UQ | 0.84 | 5.00 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 0.54 | U | 0.54 | 5.00 | ug/L |
| 105-60-2 | Caprolactam | 1.10 | U | 1.10 | 10.0 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 0.56 | U | 0.56 | 5.00 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 3.60 | U | 3.60 | 10.0 | ug/L |
| 92-52-4 | 1,1-Biphenyl | 0.53 | U | 0.53 | 5.00 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 0.61 | U | 0.61 | 5.00 | ug/L |
| 88-74-4 | 2-Nitroaniline | 1.30 | U | 1.30 | 5.00 | ug/L |
| 131-11-3 | Dimethylphthalate | 0.61 | U | 0.61 | 5.00 | ug/L |
| 208-96-8 | Acenaphthylene | 0.75 | U | 0.75 | 5.00 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 0.92 | U | 0.92 | 5.00 | ug/L |
| 99-09-2 | 3-Nitroaniline | 1.10 | UQ | 1.10 | 5.00 | ug/L |
| 83-32-9 | Acenaphthene | 0.55 | U | 0.55 | 5.00 | ug/L |
| 132-64-9 | Dibenzofuran | 0.61 | U | 0.61 | 5.00 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 1.20 | U | 1.20 | 5.00 | ug/L |
| 84-66-2 | Diethylphthalate | 0.69 | U | 0.69 | 5.00 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 0.68 | U | 0.68 | 5.00 | ug/L |
| 86-73-7 | Fluorene | 0.63 | U | 0.63 | 5.00 | ug/L |
| 100-01-6 | 4-Nitroaniline | 1.50 | U | 1.50 | 5.00 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | G Environmental | | | Date Collected: | 06/03/25 |
| Project: | Stockton | | | Date Received: | 06/04/25 |
| Client Sample ID: | TW1 | | | SDG No.: | Q2210 |
| Lab Sample ID: | Q2210-01 | | | Matrix: | Water |
| Analytical Method: | 8270E | | | % Solid: | 0 |
| Sample Wt/Vol: | 1000 | Units: | mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | | | uL | Test: | SVOCMS Group1 |
| Extraction Type : | | | Decanted : N | Level : | LOW |
| Injection Volume : | | | GPC Factor : 1.0 | GPC Cleanup : N | PH : |
| Prep Method : | SW3510C | | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP024874.D | 1 | 06/06/25 08:35 | 06/09/25 12:50 | PB168323 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 86-30-6 | n-Nitrosodiphenylamine | 0.58 | U | 0.58 | 5.00 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 0.40 | U | 0.40 | 5.00 | ug/L |
| 118-74-1 | Hexachlorobenzene | 0.52 | U | 0.52 | 5.00 | ug/L |
| 1912-24-9 | Atrazine | 1.00 | U | 1.00 | 5.00 | ug/L |
| 85-01-8 | Phenanthrene | 0.50 | U | 0.50 | 5.00 | ug/L |
| 120-12-7 | Anthracene | 0.61 | U | 0.61 | 5.00 | ug/L |
| 86-74-8 | Carbazole | 0.72 | U | 0.72 | 5.00 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 1.20 | U | 1.20 | 5.00 | ug/L |
| 206-44-0 | Fluoranthene | 0.82 | U | 0.82 | 5.00 | ug/L |
| 129-00-0 | Pyrene | 0.50 | U | 0.50 | 5.00 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 1.90 | U | 1.90 | 5.00 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 0.93 | UQ | 0.93 | 10.0 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 0.45 | U | 0.45 | 5.00 | ug/L |
| 218-01-9 | Chrysene | 0.44 | U | 0.44 | 5.00 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 1.60 | U | 1.60 | 5.00 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 2.30 | U | 2.30 | 10.0 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 0.49 | U | 0.49 | 5.00 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 0.48 | U | 0.48 | 5.00 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 0.55 | U | 0.55 | 5.00 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 0.59 | U | 0.59 | 5.00 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 0.67 | U | 0.67 | 5.00 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 0.69 | U | 0.69 | 5.00 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 0.52 | U | 0.52 | 5.00 | ug/L |
| 123-91-1 | 1,4-Dioxane | 1.00 | U | 1.00 | 5.00 | ug/L |
| **SURROGATES** | | | | | | |
| 4165-60-0 | Nitrobenzene-d5 | 92.0 | | 30 (67) - 130 (132) | 92% | SPK: 100 |
| 321-60-8 | 2-Fluorobiphenyl | 84.8 | | 30 (52) - 130 (132) | 85% | SPK: 100 |
| 1718-51-0 | Terphenyl-d14 | 80.3 | | 30 (42) - 130 (152) | 80% | SPK: 100 |
| **INTERNAL STANDARDS** | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 153000 | 7.607 | | | |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | G Environmental | | | Date Collected: | 06/03/25 |
| Project: | Stockton | | | Date Received: | 06/04/25 |
| Client Sample ID: | TW1 | | | SDG No.: | Q2210 |
| Lab Sample ID: | Q2210-01 | | | Matrix: | Water |
| Analytical Method: | 8270E | | | % Solid: | 0 |
| Sample Wt/Vol: | 1000 | Units: | mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | | | uL | Test: | SVOCMS Group1 |
| Extraction Type : | | | Decanted : N | Level : | LOW |
| Injection Volume : | | | GPC Factor : 1.0 | GPC Cleanup : N | PH : |
| Prep Method : | SW3510C | | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP024874.D | 1 | 06/06/25 08:35 | 06/09/25 12:50 | PB168323 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 1146-65-2 | Naphthalene-d8 | 618000 | 10.372 | | | |
| 15067-26-2 | Acenaphthene-d10 | 395000 | 14.242 | | | |
| 1517-22-2 | Phenanthrene-d10 | 788000 | 17.048 | | | |
| 1719-03-5 | Chrysene-d12 | 1060000 | 21.483 | | | |
| 1520-96-3 | Perylene-d12 | 1470000 | 24.712 | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | |
| 000123-42-2 | 2-Pentanone, 4-hydroxy-4-methyl- | 3.80 | AB | | 4.77 | ug/L |
| 000119-61-9 | Benzophenone | 3.40 | J | | 15.6 | ug/L |
| 000057-10-3 | n-Hexadecanoic acid | 28.1 | J | | 18.0 | ug/L |
| 000112-95-8 | Eicosane | 3.20 | J | | 19.1 | ug/L |
| 000057-11-4 | Octadecanoic acid | 7.40 | J | | 19.3 | ug/L |
| 055282-14-9 | Docosane, 9-butyl- | 3.50 | J | | 20.0 | ug/L |
| 000629-92-5 | Nonadecane | 3.70 | J | | 20.8 | ug/L |
| 013475-76-8 | Docosane, 11-butyl- | 2.10 | J | | 21.6 | ug/L |

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

# QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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# Surrogate Summary

**SW-846**

**SDG No.:** Q2210

**Client:** G Environmental

**Analytical Method:** 8270E

| Lab Sample ID | Client ID | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|
| PB168323BL | PB168323BL | Nitrobenzene-d5 | 100 | 85.2 | 85 | | 30 (67) | 130 (132) |
| | | 2-Fluorobiphenyl | 100 | 84.3 | 84 | | 30 (52) | 130 (132) |
| | | Terphenyl-d14 | 100 | 90.1 | 90 | | 30 (42) | 130 (152) |
| PB168323BS | PB168323BS | Nitrobenzene-d5 | 100 | 79.4 | 79 | | 30 (67) | 130 (132) |
| | | 2-Fluorobiphenyl | 100 | 77.9 | 78 | | 30 (52) | 130 (132) |
| | | Terphenyl-d14 | 100 | 79.2 | 79 | | 30 (42) | 130 (152) |
| Q2210-01 | TW1 | Nitrobenzene-d5 | 100 | 92.0 | 92 | | 30 (67) | 130 (132) |
| | | 2-Fluorobiphenyl | 100 | 84.8 | 85 | | 30 (52) | 130 (132) |
| | | Terphenyl-d14 | 100 | 80.3 | 80 | | 30 (42) | 130 (152) |
| Q2230-03MS | GW-MW01-060425MS | Nitrobenzene-d5 | 100 | 90.5 | 91 | | 30 (67) | 130 (132) |
| | | 2-Fluorobiphenyl | 100 | 85.6 | 86 | | 30 (52) | 130 (132) |
| | | Terphenyl-d14 | 100 | 80.4 | 80 | | 30 (42) | 130 (152) |
| Q2230-04MSD | GW-MW01-060425MSD | Nitrobenzene-d5 | 100 | 88.0 | 88 | | 30 (67) | 130 (132) |
| | | 2-Fluorobiphenyl | 100 | 85.9 | 86 | | 30 (52) | 130 (132) |
| | | Terphenyl-d14 | 100 | 89.3 | 89 | | 30 (42) | 130 (152) |

( ) = LABORATORY INHOUSE LIMIT

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## Matrix Spike/Matrix Spike Duplicate Summary

**SW-846**

**SDG No.:** Q2210

**Client:** G Environmental

**Analytical Method:** SW8270E

| Parameter | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample ID: Q2230-03MS** | | **Client Sample ID: GW-MW01-060425MS** | | | | | | **DataFile: BP024879.D** | | | |
| Benzaldehyde | 52.1 | 0 | 39.6 | ug/L | 76 | | | | 20 (10) | 160 (137) | |
| bis(2-Chloroethyl)ether | 52.1 | 0 | 51.3 | ug/L | 98 | | | | 70 (29) | 130 (141) | |
| 2,2-oxybis(1-Chloropropane) | 52.1 | 0 | 44.9 | ug/L | 86 | | | | 70 (36) | 130 (141) | |
| Acetophenone | 52.1 | 0 | 55.9 | ug/L | 107 | | | | 70 (31) | 130 (164) | |
| N-Nitroso-di-n-propylamine | 52.1 | 0 | 50.4 | ug/L | 97 | | | | 70 (36) | 130 (147) | |
| Hexachloroethane | 52.1 | 0 | 24.9 | ug/L | 48 | | | | 20 (19) | 160 (146) | |
| Nitrobenzene | 52.1 | 0 | 54.9 | ug/L | 105 | | | | 70 (62) | 130 (112) | |
| Isophorone | 52.1 | 0 | 51.6 | ug/L | 99 | | | | 70 (39) | 130 (146) | |
| bis(2-Chloroethoxy)methane | 52.1 | 0 | 52.2 | ug/L | 100 | | | | 70 (39) | 130 (143) | |
| Naphthalene | 52.1 | 2.20 | 42.7 | ug/L | 78 | | | | 70 (17) | 130 (157) | |
| 4-Chloroaniline | 52.1 | 0 | 31.4 | ug/L | 60 | * | | | 70 (10) | 130 (95) | |
| Hexachlorobutadiene | 52.1 | 0 | 28.9 | ug/L | 55 | * | | | 70 (52) | 130 (125) | |
| Caprolactam | 52.1 | 0 | 11.7 | ug/L | 22 | | | | 20 (10) | 160 (130) | |
| 2-Methylnaphthalene | 52.1 | 0 | 48.7 | ug/L | 93 | | | | 70 (38) | 130 (146) | |
| Hexachlorocyclopentadiene | 100 | 0 | 62.8 | ug/L | 63 | | | | 20 (20) | 160 (153) | |
| 1,1-Biphenyl | 52.1 | 0 | 50.2 | ug/L | 96 | | | | 70 (38) | 130 (154) | |
| 2-Chloronaphthalene | 52.1 | 0 | 48.7 | ug/L | 93 | | | | 70 (41) | 130 (145) | |
| 2-Nitroaniline | 52.1 | 0 | 51.3 | ug/L | 98 | | | | 70 (39) | 130 (151) | |
| Dimethylphthalate | 52.1 | 0 | 54.0 | ug/L | 104 | | | | 70 (42) | 130 (147) | |
| Acenaphthylene | 52.1 | 0 | 50.7 | ug/L | 97 | | | | 70 (40) | 130 (141) | |
| 2,6-Dinitrotoluene | 52.1 | 0 | 56.1 | ug/L | 108 | | | | 70 (43) | 130 (148) | |
| 3-Nitroaniline | 52.1 | 0 | 33.9 | ug/L | 65 | * | | | 70 (10) | 130 (111) | |
| Acenaphthene | 52.1 | 0 | 52.1 | ug/L | 100 | | | | 70 (37) | 130 (146) | |
| Dibenzofuran | 52.1 | 0 | 52.6 | ug/L | 101 | | | | 70 (41) | 130 (145) | |
| 2,4-Dinitrotoluene | 52.1 | 0 | 60.2 | ug/L | 116 | | | | 70 (74) | 130 (137) | |
| Diethylphthalate | 52.1 | 0 | 56.7 | ug/L | 109 | | | | 70 (41) | 130 (148) | |
| 4-Chlorophenyl-phenylether | 52.1 | 0 | 53.6 | ug/L | 103 | | | | 70 (38) | 130 (149) | |
| Fluorene | 52.1 | 0 | 53.8 | ug/L | 103 | | | | 70 (39) | 130 (144) | |
| 4-Nitroaniline | 52.1 | 0 | 47.0 | ug/L | 90 | | | | 70 (27) | 130 (138) | |
| N-Nitrosodiphenylamine | 52.1 | 0 | 52.4 | ug/L | 101 | | | | 70 (40) | 130 (150) | |
| 4-Bromophenyl-phenylether | 52.1 | 0 | 53.0 | ug/L | 102 | | | | 70 (42) | 130 (151) | |
| Hexachlorobenzene | 52.1 | 0 | 53.4 | ug/L | 102 | | | | 70 (72) | 130 (115) | |
| Atrazine | 52.1 | 0 | 57.8 | ug/L | 111 | | | | 70 (20) | 130 (162) | |
| Phenanthrene | 52.1 | 0 | 53.7 | ug/L | 103 | | | | 70 (40) | 130 (147) | |
| Anthracene | 52.1 | 0 | 53.8 | ug/L | 103 | | | | 70 (41) | 130 (146) | |
| Carbazole | 52.1 | 0 | 57.9 | ug/L | 111 | | | | 70 (37) | 130 (154) | |
| Di-n-butylphthalate | 52.1 | 0 | 58.4 | ug/L | 112 | | | | 70 (40) | 130 (151) | |
| Fluoranthene | 52.1 | 0 | 57.7 | ug/L | 111 | | | | 70 (42) | 130 (146) | |
| Pyrene | 52.1 | 0 | 51.4 | ug/L | 99 | | | | 70 (41) | 130 (149) | |
| Butylbenzylphthalate | 52.1 | 0 | 56.8 | ug/L | 109 | | | | 70 (39) | 130 (155) | |
| 3,3-Dichlorobenzidine | 52.1 | 0 | 19.1 | ug/L | 37 | * | | | 70 (10) | 130 (114) | |
| Benzo(a)anthracene | 52.1 | 0 | 54.6 | ug/L | 105 | | | | 70 (41) | 130 (147) | |
| Chrysene | 52.1 | 0 | 53.4 | ug/L | 102 | | | | 70 (44) | 130 (144) | |
| bis(2-Ethylhexyl)phthalate | 52.1 | 0 | 57.3 | ug/L | 110 | | | | 70 (33) | 130 (160) | |
| Di-n-octyl phthalate | 52.1 | 0 | 58.4 | ug/L | 112 | | | | 70 (36) | 130 (158) | |
| Benzo(b)fluoranthene | 52.1 | 0 | 56.2 | ug/L | 108 | | | | 70 (40) | 130 (150) | |

( ) = LABORATORY INHOUSE LIMIT

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## Matrix Spike/Matrix Spike Duplicate Summary

### SW-846

**SDG No.:** Q2210

**Client:** G Environmental

**Analytical Method:** SW8270E

| Parameter | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzo(k)fluoranthene | 52.1 | 0 | 53.1 | ug/L | 102 | | | | 70 (40) | 130 (147) | |
| Benzo(a)pyrene | 52.1 | 0 | 54.1 | ug/L | 104 | | | | 70 (42) | 130 (147) | |
| Indeno(1,2,3-cd)pyrene | 52.1 | 0 | 56.3 | ug/L | 108 | | | | 70 (30) | 130 (166) | |
| Dibenz(a,h)anthracene | 52.1 | 0 | 57.5 | ug/L | 110 | | | | 70 (23) | 130 (172) | |
| Benzo(g,h,i)perylene | 52.1 | 0 | 56.4 | ug/L | 108 | | | | 70 (27) | 130 (167) | |
| 1,2,4,5-Tetrachlorobenzene | 52.1 | 0 | 46.6 | ug/L | 89 | | | | 70 (89) | 130 (102) | |
| 1,4-Dioxane | 52.1 | 0 | 18.1 | ug/L | 35 | | | | 20 (38) | 160 (130) | |

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## Matrix Spike/Matrix Spike Duplicate Summary

**SW-846**

**SDG No.:** Q2210

**Client:** G Environmental

**Analytical Method:** SW8270E

| Parameter | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Limits Low | Limits High | Limits RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample ID: Q2230-04MSD** | | **Client Sample ID: GW-MW01-060425MSD** | | | | | | **DataFile: BP024880.D** | | | |
| Benzaldehyde | 53.2 | 0 | 38.8 | ug/L | 73 | | 4 | | 20 (10) | 160 (137) | 20 (20) |
| bis(2-Chloroethyl)ether | 53.2 | 0 | 50.2 | ug/L | 94 | | 4 | | 70 (29) | 130 (141) | 20 (20) |
| 2,2-oxybis(1-Chloropropane) | 53.2 | 0 | 44.5 | ug/L | 84 | | 2 | | 70 (36) | 130 (141) | 20 (20) |
| Acetophenone | 53.2 | 0 | 55.5 | ug/L | 104 | | 3 | | 70 (31) | 130 (164) | 20 (20) |
| N-Nitroso-di-n-propylamine | 53.2 | 0 | 48.1 | ug/L | 90 | | 7 | | 70 (36) | 130 (147) | 20 (20) |
| Hexachloroethane | 53.2 | 0 | 24.9 | ug/L | 47 | | 2 | | 20 (19) | 160 (146) | 20 (20) |
| Nitrobenzene | 53.2 | 0 | 54.8 | ug/L | 103 | | 2 | | 70 (62) | 130 (112) | 20 (20) |
| Isophorone | 53.2 | 0 | 51.1 | ug/L | 96 | | 3 | | 70 (39) | 130 (146) | 20 (20) |
| bis(2-Chloroethoxy)methane | 53.2 | 0 | 52.7 | ug/L | 99 | | 1 | | 70 (39) | 130 (143) | 20 (20) |
| Naphthalene | 53.2 | 2.20 | 42.1 | ug/L | 75 | | 4 | | 70 (17) | 130 (157) | 20 (20) |
| 4-Chloroaniline | 53.2 | 0 | 28.9 | ug/L | 54 | * | 11 | | 70 (10) | 130 (95) | 20 (20) |
| Hexachlorobutadiene | 53.2 | 0 | 30.1 | ug/L | 57 | * | 4 | | 70 (52) | 130 (125) | 20 (20) |
| Caprolactam | 53.2 | 0 | 10.8 | ug/L | 20 | | 10 | | 20 (10) | 160 (130) | 20 (20) |
| 2-Methylnaphthalene | 53.2 | 0 | 48.6 | ug/L | 91 | | 2 | | 70 (38) | 130 (146) | 20 (20) |
| Hexachlorocyclopentadiene | 110 | 0 | 70.7 | ug/L | 64 | | 2 | | 20 (20) | 160 (153) | 20 (20) |
| 1,1-Biphenyl | 53.2 | 0 | 52.0 | ug/L | 98 | | 2 | | 70 (38) | 130 (154) | 20 (20) |
| 2-Chloronaphthalene | 53.2 | 0 | 50.5 | ug/L | 95 | | 2 | | 70 (41) | 130 (145) | 20 (20) |
| 2-Nitroaniline | 53.2 | 0 | 49.4 | ug/L | 93 | | 5 | | 70 (39) | 130 (151) | 20 (20) |
| Dimethylphthalate | 53.2 | 0 | 53.9 | ug/L | 101 | | 3 | | 70 (42) | 130 (147) | 20 (20) |
| Acenaphthylene | 53.2 | 0 | 51.1 | ug/L | 96 | | 1 | | 70 (40) | 130 (141) | 20 (20) |
| 2,6-Dinitrotoluene | 53.2 | 0 | 55.7 | ug/L | 105 | | 3 | | 70 (43) | 130 (148) | 20 (20) |
| 3-Nitroaniline | 53.2 | 0 | 32.5 | ug/L | 61 | * | 6 | | 70 (10) | 130 (111) | 20 (20) |
| Acenaphthene | 53.2 | 0 | 52.7 | ug/L | 99 | | 1 | | 70 (37) | 130 (146) | 20 (20) |
| Dibenzofuran | 53.2 | 0 | 52.6 | ug/L | 99 | | 2 | | 70 (41) | 130 (145) | 20 (20) |
| 2,4-Dinitrotoluene | 53.2 | 0 | 57.4 | ug/L | 108 | | 7 | | 70 (74) | 130 (137) | 20 (20) |
| Diethylphthalate | 53.2 | 0 | 56.7 | ug/L | 107 | | 2 | | 70 (41) | 130 (148) | 20 (20) |
| 4-Chlorophenyl-phenylether | 53.2 | 0 | 54.1 | ug/L | 102 | | 1 | | 70 (38) | 130 (149) | 20 (20) |
| Fluorene | 53.2 | 0 | 53.9 | ug/L | 101 | | 2 | | 70 (39) | 130 (144) | 20 (20) |
| 4-Nitroaniline | 53.2 | 0 | 44.3 | ug/L | 83 | | 8 | | 70 (27) | 130 (138) | 20 (20) |
| N-Nitrosodiphenylamine | 53.2 | 0 | 53.2 | ug/L | 100 | | 1 | | 70 (40) | 130 (150) | 20 (20) |
| 4-Bromophenyl-phenylether | 53.2 | 0 | 56.8 | ug/L | 107 | | 5 | | 70 (42) | 130 (151) | 20 (20) |
| Hexachlorobenzene | 53.2 | 0 | 55.5 | ug/L | 104 | | 2 | | 70 (72) | 130 (115) | 20 (20) |
| Atrazine | 53.2 | 0 | 57.4 | ug/L | 108 | | 3 | | 70 (20) | 130 (162) | 20 (20) |
| Phenanthrene | 53.2 | 0 | 53.6 | ug/L | 101 | | 2 | | 70 (40) | 130 (147) | 20 (20) |
| Anthracene | 53.2 | 0 | 53.0 | ug/L | 100 | | 3 | | 70 (41) | 130 (146) | 20 (20) |
| Carbazole | 53.2 | 0 | 54.8 | ug/L | 103 | | 7 | | 70 (37) | 130 (154) | 20 (20) |
| Di-n-butylphthalate | 53.2 | 0 | 59.9 | ug/L | 113 | | 1 | | 70 (40) | 130 (151) | 20 (20) |
| Fluoranthene | 53.2 | 0 | 54.9 | ug/L | 103 | | 7 | | 70 (42) | 130 (146) | 20 (20) |
| Pyrene | 53.2 | 0 | 56.8 | ug/L | 107 | | 8 | | 70 (41) | 130 (149) | 20 (20) |
| Butylbenzylphthalate | 53.2 | 0 | 63.2 | ug/L | 119 | | 9 | | 70 (39) | 130 (155) | 20 (20) |
| 3,3-Dichlorobenzidine | 53.2 | 0 | 18.2 | ug/L | 34 | * | 8 | | 70 (10) | 130 (114) | 20 (20) |
| Benzo(a)anthracene | 53.2 | 0 | 55.1 | ug/L | 104 | | 1 | | 70 (41) | 130 (147) | 20 (20) |
| Chrysene | 53.2 | 0 | 54.7 | ug/L | 103 | | 1 | | 70 (44) | 130 (144) | 20 (20) |
| bis(2-Ethylhexyl)phthalate | 53.2 | 0 | 66.5 | ug/L | 125 | | 13 | | 70 (33) | 130 (160) | 20 (20) |
| Di-n-octyl phthalate | 53.2 | 0 | 64.9 | ug/L | 122 | | 9 | | 70 (36) | 130 (158) | 20 (20) |
| Benzo(b)fluoranthene | 53.2 | 0 | 56.0 | ug/L | 105 | | 3 | | 70 (40) | 130 (150) | 20 (20) |

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## Matrix Spike/Matrix Spike Duplicate Summary

### SW-846

**SDG No.:** Q2210

**Client:** G Environmental

**Analytical Method:** SW8270E

| Parameter | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Limits Low | Limits High | Limits RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzo(k)fluoranthene | 53.2 | 0 | 55.1 | ug/L | 104 | | 2 | | 70 (40) | 130 (147) | 20 (20) |
| Benzo(a)pyrene | 53.2 | 0 | 54.8 | ug/L | 103 | | 1 | | 70 (42) | 130 (147) | 20 (20) |
| Indeno(1,2,3-cd)pyrene | 53.2 | 0 | 55.3 | ug/L | 104 | | 4 | | 70 (30) | 130 (166) | 20 (20) |
| Dibenz(a,h)anthracene | 53.2 | 0 | 55.8 | ug/L | 105 | | 5 | | 70 (23) | 130 (172) | 20 (20) |
| Benzo(g,h,i)perylene | 53.2 | 0 | 54.4 | ug/L | 102 | | 6 | | 70 (27) | 130 (167) | 20 (20) |
| 1,2,4,5-Tetrachlorobenzene | 53.2 | 0 | 48.8 | ug/L | 92 | | 3 | | 70 (89) | 130 (102) | 20 (20) |
| 1,4-Dioxane | 53.2 | 0 | 19.4 | ug/L | 36 | | 3 | | 20 (38) | 160 (130) | 20 (20) |

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# Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q2210

**Client:** G Environmental

**Analytical Method:** 8270E **DataFile:** BP024873.D

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | RPD Qual | Limits Low | Limits High | Limits RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PB168323BS | Benzaldehyde | 50 | 36.0 | ug/L | 72 | | | | 20 (10) | 160 (162) | |
| | bis(2-Chloroethyl)ether | 50 | 44.9 | ug/L | 90 | | | | 70 (62) | 130 (103) | |
| | 2,2-oxybis(1-Chloropropane) | 50 | 43.1 | ug/L | 86 | | | | 70 (65) | 130 (100) | |
| | Acetophenone | 50 | 45.2 | ug/L | 90 | | | | 70 (60) | 130 (104) | |
| | N-Nitroso-di-n-propylamine | 50 | 41.9 | ug/L | 84 | | | | 70 (57) | 130 (107) | |
| | Hexachloroethane | 50 | 43.8 | ug/L | 88 | | | | 20 (76) | 160 (118) | |
| | Nitrobenzene | 50 | 46.3 | ug/L | 93 | | | | 70 (58) | 130 (106) | |
| | Isophorone | 50 | 43.2 | ug/L | 86 | | | | 70 (61) | 130 (102) | |
| | bis(2-Chloroethoxy)methane | 50 | 45.2 | ug/L | 90 | | | | 70 (58) | 130 (109) | |
| | Naphthalene | 50 | 45.3 | ug/L | 91 | | | | 70 (64) | 130 (107) | |
| | 4-Chloroaniline | 50 | 20.3 | ug/L | 41 | | * | | 70 (10) | 130 (85) | |
| | Hexachlorobutadiene | 50 | 44.9 | ug/L | 90 | | | | 70 (69) | 130 (101) | |
| | Caprolactam | 50 | 45.7 | ug/L | 91 | | | | 20 (58) | 160 (128) | |
| | 2-Methylnaphthalene | 50 | 45.0 | ug/L | 90 | | | | 70 (64) | 130 (107) | |
| | Hexachlorocyclopentadiene | 100 | 100 | ug/L | 100 | | | | 20 (36) | 160 (160) | |
| | 1,1-Biphenyl | 50 | 45.8 | ug/L | 92 | | | | 70 (72) | 130 (98) | |
| | 2-Chloronaphthalene | 50 | 46.2 | ug/L | 92 | | | | 70 (59) | 130 (106) | |
| | 2-Nitroaniline | 50 | 48.3 | ug/L | 97 | | | | 70 (73) | 130 (114) | |
| | Dimethylphthalate | 50 | 44.8 | ug/L | 90 | | | | 70 (64) | 130 (103) | |
| | Acenaphthylene | 50 | 45.5 | ug/L | 91 | | | | 70 (79) | 130 (103) | |
| | 2,6-Dinitrotoluene | 50 | 46.2 | ug/L | 92 | | | | 70 (64) | 130 (110) | |
| | 3-Nitroaniline | 50 | 25.9 | ug/L | 52 | | * | | 70 (28) | 130 (100) | |
| | Acenaphthene | 50 | 45.2 | ug/L | 90 | | | | 70 (59) | 130 (113) | |
| | Dibenzofuran | 50 | 44.3 | ug/L | 89 | | | | 70 (65) | 130 (106) | |
| | 2,4-Dinitrotoluene | 50 | 47.0 | ug/L | 94 | | | | 70 (60) | 130 (115) | |
| | Diethylphthalate | 50 | 44.3 | ug/L | 89 | | | | 70 (63) | 130 (105) | |
| | 4-Chlorophenyl-phenylether | 50 | 44.1 | ug/L | 88 | | | | 70 (61) | 130 (104) | |
| | Fluorene | 50 | 44.7 | ug/L | 89 | | | | 70 (64) | 130 (107) | |
| | 4-Nitroaniline | 50 | 45.1 | ug/L | 90 | | | | 70 (55) | 130 (125) | |
| | N-Nitrosodiphenylamine | 50 | 46.8 | ug/L | 94 | | | | 70 (61) | 130 (109) | |
| | 4-Bromophenyl-phenylether | 50 | 45.8 | ug/L | 92 | | | | 70 (73) | 130 (103) | |
| | Hexachlorobenzene | 50 | 45.6 | ug/L | 91 | | | | 70 (73) | 130 (106) | |
| | Atrazine | 50 | 46.7 | ug/L | 93 | | | | 70 (76) | 130 (120) | |
| | Phenanthrene | 50 | 45.8 | ug/L | 92 | | | | 70 (62) | 130 (109) | |
| | Anthracene | 50 | 46.0 | ug/L | 92 | | | | 70 (65) | 130 (110) | |
| | Carbazole | 50 | 47.4 | ug/L | 95 | | | | 70 (62) | 130 (106) | |
| | Di-n-butylphthalate | 50 | 46.1 | ug/L | 92 | | | | 70 (64) | 130 (106) | |
| | Fluoranthene | 50 | 45.9 | ug/L | 92 | | | | 70 (64) | 130 (110) | |
| | Pyrene | 50 | 46.2 | ug/L | 92 | | | | 70 (71) | 130 (103) | |
| | Butylbenzylphthalate | 50 | 46.4 | ug/L | 93 | | | | 70 (61) | 130 (105) | |
| | 3,3-Dichlorobenzidine | 50 | 26.4 | ug/L | 53 | | * | | 70 (43) | 130 (108) | |
| | Benzo(a)anthracene | 50 | 46.6 | ug/L | 93 | | | | 70 (62) | 130 (107) | |
| | Chrysene | 50 | 46.4 | ug/L | 93 | | | | 70 (61) | 130 (108) | |
| | bis(2-Ethylhexyl)phthalate | 50 | 47.5 | ug/L | 95 | | | | 70 (59) | 130 (110) | |

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# Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q2210

**Client:** G Environmental

**Analytical Method:** 8270E **DataFile:** BP024873.D

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | RPD Qual | Limits Low | Limits High | Limits RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PB168323BS | Di-n-octyl phthalate | 50 | 48.1 | ug/L | 96 | | | | 70 (52) | 130 (139) | |
| | Benzo(b)fluoranthene | 50 | 47.3 | ug/L | 95 | | | | 70 (77) | 130 (113) | |
| | Benzo(k)fluoranthene | 50 | 47.5 | ug/L | 95 | | | | 70 (77) | 130 (105) | |
| | Benzo(a)pyrene | 50 | 47.7 | ug/L | 95 | | | | 70 (72) | 130 (131) | |
| | Indeno(1,2,3-cd)pyrene | 50 | 47.4 | ug/L | 95 | | | | 70 (72) | 130 (105) | |
| | Dibenz(a,h)anthracene | 50 | 47.6 | ug/L | 95 | | | | 70 (78) | 130 (115) | |
| | Benzo(g,h,i)perylene | 50 | 47.6 | ug/L | 95 | | | | 70 (75) | 130 (118) | |
| | 1,2,4,5-Tetrachlorobenzene | 50 | 46.1 | ug/L | 92 | | | | 70 (72) | 130 (101) | |
| | 1,4-Dioxane | 50 | 36.2 | ug/L | 72 | | | | 20 (38) | 160 (125) | |

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168323BL

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2210 SAS No.: Q2210 SDG NO.: Q2210

Lab File ID: BP024872.D Lab Sample ID: PB168323BL

Instrument ID: BNA_P Date Extracted: 06/06/2025

Matrix: (soil/water) Water Date Analyzed: 06/09/2025

Level: (low/med) LOW Time Analyzed: 11:24

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| PB168323BS | PB168323BS | BP024873.D | 06/09/2025 |
| TW1 | Q2210-01 | BP024874.D | 06/09/2025 |
| GW-MW01-060425MS | Q2230-03MS | BP024879.D | 06/09/2025 |
| GW-MW01-060425MSD | Q2230-04MSD | BP024880.D | 06/09/2025 |

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2210 SDG NO.: Q2210

Lab File ID: BP024859.D DFTPP Injection Date: 06/06/2025

Instrument ID: BNA_P DFTPP Injection Time: 09:49

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 51 | 10.0 - 80.0% of mass 198 | 32.2 |
| 68 | Less than 2.0% of mass 69 | 0.7 ( 1.9 ) 1 |
| 69 | Mass 69 relative abundance | 36.9 |
| 70 | Less than 2.0% of mass 69 | 0.2 ( 0.6 ) 1 |
| 127 | 10.0 - 80.0% of mass 198 | 47.9 |
| 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 | 6.6 |
| 275 | 10.0 - 60.0% of mass 198 | 31.2 |
| 365 | Greater than 1% of mass 198 | 4.6 |
| 441 | Present, but less than mass 443 | 13.1 |
| 442 | Greater than 50% of mass 198 | 100 |
| 443 | 15.0 - 24.0% of mass 442 | 16.1 (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 SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| SSTDICC2.5 | SSTDICC2.5 | BP024860.D | 06/06/2025 | 10:30 |
| SSTDICC005 | SSTDICC005 | BP024861.D | 06/06/2025 | 11:11 |
| SSTDICC010 | SSTDICC010 | BP024862.D | 06/06/2025 | 11:52 |
| SSTDICC020 | SSTDICC020 | BP024863.D | 06/06/2025 | 12:33 |
| SSTDICCC040 | SSTDICCC040 | BP024864.D | 06/06/2025 | 13:14 |
| SSTDICC050 | SSTDICC050 | BP024865.D | 06/06/2025 | 13:56 |
| SSTDICC060 | SSTDICC060 | BP024866.D | 06/06/2025 | 14:37 |
| SSTDICC080 | SSTDICC080 | BP024867.D | 06/06/2025 | 15:18 |

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5B

# SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
## DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2210 SDG NO.: Q2210

Lab File ID: BP024870.D DFTPP Injection Date: 06/09/2025

Instrument ID: BNA_P DFTPP Injection Time: 10:03

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 51 | 10.0 - 80.0% of mass 198 | 33.2 |
| 68 | Less than 2.0% of mass 69 | 0.6 ( 1.7 ) 1 |
| 69 | Mass 69 relative abundance | 37.7 |
| 70 | Less than 2.0% of mass 69 | 0.2 ( 0.6 ) 1 |
| 127 | 10.0 - 80.0% of mass 198 | 48.1 |
| 197 | Less than 2.0% of mass 198 | 0.1 |
| 198 | Base Peak, 100% relative abundance | 100 |
| 199 | 5.0 to 9.0% of mass 198 | 6.8 |
| 275 | 10.0 - 60.0% of mass 198 | 30.7 |
| 365 | Greater than 1% of mass 198 | 4.3 |
| 441 | Present, but less than mass 443 | 11.6 |
| 442 | Greater than 50% of mass 198 | 100.5 |
| 443 | 15.0 - 24.0% of mass 442 | 14.5 (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 SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| SSTDCCC040 | SSTDCCC040 | BP024871.D | 06/09/2025 | 10:44 |
| PB168323BL | PB168323BL | BP024872.D | 06/09/2025 | 11:24 |
| PB168323BS | PB168323BS | BP024873.D | 06/09/2025 | 12:05 |
| TW1 | Q2210-01 | BP024874.D | 06/09/2025 | 12:50 |
| GW-MW01-060425MS | Q2230-03MS | BP024879.D | 06/09/2025 | 16:14 |
| GW-MW01-060425MSD | Q2230-04MSD | BP024880.D | 06/09/2025 | 16:55 |

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2210 SAS No.: Q2210 SDG NO.: Q2210

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/09/2025

Lab File ID: BP024871.D Time Analyzed: 10:44

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

| | | IS1 (DCB) AREA # | RT # | IS2 (NPT) AREA # | RT # | IS3 (ANT) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 255229 | 7.608 | 1115940 | 10.38 | 722087 | 14.24 |
| | UPPER LIMIT | 510458 | 8.108 | 2231880 | 10.878 | 1444170 | 14.742 |
| | LOWER LIMIT | 127615 | 7.108 | 557970 | 9.878 | 361044 | 13.742 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | PB168323BL | 278652 | 7.61 | 1083870 | 10.38 | 655689 | 14.25 |
| 02 | PB168323BS | 251786 | 7.61 | 1016040 | 10.38 | 628283 | 14.25 |
| 03 | TW1 | 152557 | 7.61 | 617882 | 10.37 | 395301 | 14.24 |
| 04 | GW-MW01-060425MS | 226271 | 7.61 | 937705 | 10.37 | 608220 | 14.25 |
| 05 | GW-MW01-060425MSD | 335961 | 7.61 | 1346860 | 10.38 | 841053 | 14.25 |

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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2210 SAS No.: Q2210 SDG NO.: Q2210

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/09/2025

Lab File ID: BP024871.D Time Analyzed: 10:44

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

| | | IS4 (PHN) AREA # | RT # | IS5 (CRY) AREA # | RT # | IS6 (PRY) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 1406330 | 17.048 | 1456980 | 21.477 | 1778910 | 24.724 |
| | UPPER LIMIT | 2812660 | 17.548 | 2913960 | 21.977 | 3557820 | 25.224 |
| | LOWER LIMIT | 703165 | 16.548 | 728490 | 20.977 | 889455 | 24.224 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | PB168323BL | 1268480 | 17.07 | 1277130 | 21.49 | 1472670 | 24.73 |
| 02 | PB168323BS | 1189380 | 17.06 | 1268870 | 21.48 | 1547950 | 24.72 |
| 03 | TW1 | 788461 | 17.05 | 1056540 | 21.48 | 1470570 | 24.71 |
| 04 | GW-MW01-060425MS | 1235200 | 17.04 | 1490400 | 21.47 | 1839740 | 24.71 |
| 05 | GW-MW01-060425MSD | 1657670 | 17.04 | 1681540 | 21.48 | 1927040 | 24.73 |

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

# QC SAMPLE DATA

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | |
| Project: | Stockton | Date Received: | |
| Client Sample ID: | PB168323BL | SDG No.: | Q2210 |
| Lab Sample ID: | PB168323BL | Matrix: | Water |
| Analytical Method: | 8270E | % Solid: | 0 |
| Sample Wt/Vol: | 1000 Units: mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group1 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : N | PH : |
| Prep Method : | SW3510C | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP024872.D | 1 | 06/06/25 08:35 | 06/09/25 11:24 | PB168323 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 100-52-7 | Benzaldehyde | 3.90 | U | 3.90 | 10.0 | ug/L |
| 111-44-4 | bis(2-Chloroethyl)ether | 0.81 | U | 0.81 | 5.00 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1.30 | U | 1.30 | 5.00 | ug/L |
| 98-86-2 | Acetophenone | 0.74 | U | 0.74 | 5.00 | ug/L |
| 621-64-7 | n-Nitroso-di-n-propylamine | 1.40 | U | 1.40 | 2.50 | ug/L |
| 67-72-1 | Hexachloroethane | 0.65 | U | 0.65 | 5.00 | ug/L |
| 98-95-3 | Nitrobenzene | 0.76 | U | 0.76 | 5.00 | ug/L |
| 78-59-1 | Isophorone | 0.75 | U | 0.75 | 5.00 | ug/L |
| 111-91-1 | bis(2-Chloroethoxy)methane | 0.68 | U | 0.68 | 5.00 | ug/L |
| 91-20-3 | Naphthalene | 0.50 | U | 0.50 | 5.00 | ug/L |
| 106-47-8 | 4-Chloroaniline | 0.84 | U | 0.84 | 5.00 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 0.54 | U | 0.54 | 5.00 | ug/L |
| 105-60-2 | Caprolactam | 1.10 | U | 1.10 | 10.0 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 0.56 | U | 0.56 | 5.00 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 3.60 | U | 3.60 | 10.0 | ug/L |
| 92-52-4 | 1,1-Biphenyl | 0.53 | U | 0.53 | 5.00 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 0.61 | U | 0.61 | 5.00 | ug/L |
| 88-74-4 | 2-Nitroaniline | 1.30 | U | 1.30 | 5.00 | ug/L |
| 131-11-3 | Dimethylphthalate | 0.61 | U | 0.61 | 5.00 | ug/L |
| 208-96-8 | Acenaphthylene | 0.75 | U | 0.75 | 5.00 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 0.92 | U | 0.92 | 5.00 | ug/L |
| 99-09-2 | 3-Nitroaniline | 1.10 | U | 1.10 | 5.00 | ug/L |
| 83-32-9 | Acenaphthene | 0.55 | U | 0.55 | 5.00 | ug/L |
| 132-64-9 | Dibenzofuran | 0.61 | U | 0.61 | 5.00 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 1.20 | U | 1.20 | 5.00 | ug/L |
| 84-66-2 | Diethylphthalate | 0.69 | U | 0.69 | 5.00 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 0.68 | U | 0.68 | 5.00 | ug/L |
| 86-73-7 | Fluorene | 0.63 | U | 0.63 | 5.00 | ug/L |
| 100-01-6 | 4-Nitroaniline | 1.50 | U | 1.50 | 5.00 | ug/L |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | G Environmental | | | Date Collected: | |
| Project: | Stockton | | | Date Received: | |
| Client Sample ID: | PB168323BL | | | SDG No.: | Q2210 |
| Lab Sample ID: | PB168323BL | | | Matrix: | Water |
| Analytical Method: | 8270E | | | % Solid: | 0 |
| Sample Wt/Vol: | 1000 | Units: | mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | | | uL | Test: | SVOCMS Group1 |
| Extraction Type : | | | Decanted : N | Level : | LOW |
| Injection Volume : | | | GPC Factor : 1.0 | GPC Cleanup : N | PH : |
| Prep Method : | SW3510C | | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP024872.D | 1 | 06/06/25 08:35 | 06/09/25 11:24 | PB168323 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 86-30-6 | n-Nitrosodiphenylamine | 0.58 | U | 0.58 | 5.00 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 0.40 | U | 0.40 | 5.00 | ug/L |
| 118-74-1 | Hexachlorobenzene | 0.52 | U | 0.52 | 5.00 | ug/L |
| 1912-24-9 | Atrazine | 1.00 | U | 1.00 | 5.00 | ug/L |
| 85-01-8 | Phenanthrene | 0.50 | U | 0.50 | 5.00 | ug/L |
| 120-12-7 | Anthracene | 0.61 | U | 0.61 | 5.00 | ug/L |
| 86-74-8 | Carbazole | 0.72 | U | 0.72 | 5.00 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 1.20 | U | 1.20 | 5.00 | ug/L |
| 206-44-0 | Fluoranthene | 0.82 | U | 0.82 | 5.00 | ug/L |
| 129-00-0 | Pyrene | 0.50 | U | 0.50 | 5.00 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 1.90 | U | 1.90 | 5.00 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 0.93 | U | 0.93 | 10.0 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 0.45 | U | 0.45 | 5.00 | ug/L |
| 218-01-9 | Chrysene | 0.44 | U | 0.44 | 5.00 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 1.60 | U | 1.60 | 5.00 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 2.30 | U | 2.30 | 10.0 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 0.49 | U | 0.49 | 5.00 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 0.48 | U | 0.48 | 5.00 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 0.55 | U | 0.55 | 5.00 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 0.59 | U | 0.59 | 5.00 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 0.67 | U | 0.67 | 5.00 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 0.69 | U | 0.69 | 5.00 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 0.52 | U | 0.52 | 5.00 | ug/L |
| 123-91-1 | 1,4-Dioxane | 1.00 | U | 1.00 | 5.00 | ug/L |
| **SURROGATES** | | | | | | |
| 4165-60-0 | Nitrobenzene-d5 | 85.2 | | 30 (67) - 130 (132) | 85% | SPK: 100 |
| 321-60-8 | 2-Fluorobiphenyl | 84.3 | | 30 (52) - 130 (132) | 84% | SPK: 100 |
| 1718-51-0 | Terphenyl-d14 | 90.1 | | 30 (42) - 130 (152) | 90% | SPK: 100 |
| **INTERNAL STANDARDS** | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 279000 | 7.608 | | | |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | G Environmental | | | Date Collected: | |
| Project: | Stockton | | | Date Received: | |
| Client Sample ID: | PB168323BL | | | SDG No.: | Q2210 |
| Lab Sample ID: | PB168323BL | | | Matrix: | Water |
| Analytical Method: | 8270E | | | % Solid: | 0 |
| Sample Wt/Vol: | 1000 | Units: | mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | | | uL | Test: | SVOCMS Group1 |
| Extraction Type : | | | Decanted : N | Level : | LOW |
| Injection Volume : | | | GPC Factor : 1.0 | GPC Cleanup : N | PH : |
| Prep Method : | SW3510C | | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP024872.D | 1 | 06/06/25 08:35 | 06/09/25 11:24 | PB168323 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 1146-65-2 | Naphthalene-d8 | 1080000 | 10.378 | | | |
| 15067-26-2 | Acenaphthene-d10 | 656000 | 14.248 | | | |
| 1517-22-2 | Phenanthrene-d10 | 1270000 | 17.066 | | | |
| 1719-03-5 | Chrysene-d12 | 1280000 | 21.489 | | | |
| 1520-96-3 | Perylene-d12 | 1470000 | 24.73 | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | |
| 000123-42-2 | 2-Pentanone, 4-hydroxy-4-methyl- | 8.90 | A | | 4.78 | ug/L |

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

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | G Environmental | | | Date Collected: | |
| Project: | Stockton | | | Date Received: | |
| Client Sample ID: | PB168323BS | | | SDG No.: | Q2210 |
| Lab Sample ID: | PB168323BS | | | Matrix: | Water |
| Analytical Method: | 8270E | | | % Solid: | 0 |
| Sample Wt/Vol: | 1000 | Units: | mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | | | uL | Test: | SVOCMS Group1 |
| Extraction Type : | | | Decanted : N | Level : | LOW |
| Injection Volume : | | | GPC Factor : 1.0 | GPC Cleanup : N | PH : |
| Prep Method : | SW3510C | | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP024873.D | 1 | 06/06/25 08:35 | 06/09/25 12:05 | PB168323 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 100-52-7 | Benzaldehyde | 36.0 | | 3.90 | 10.0 | ug/L |
| 111-44-4 | bis(2-Chloroethyl)ether | 44.9 | | 0.81 | 5.00 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 43.1 | | 1.30 | 5.00 | ug/L |
| 98-86-2 | Acetophenone | 45.2 | | 0.74 | 5.00 | ug/L |
| 621-64-7 | n-Nitroso-di-n-propylamine | 41.9 | | 1.40 | 2.50 | ug/L |
| 67-72-1 | Hexachloroethane | 43.8 | | 0.65 | 5.00 | ug/L |
| 98-95-3 | Nitrobenzene | 46.3 | | 0.76 | 5.00 | ug/L |
| 78-59-1 | Isophorone | 43.2 | | 0.75 | 5.00 | ug/L |
| 111-91-1 | bis(2-Chloroethoxy)methane | 45.2 | | 0.68 | 5.00 | ug/L |
| 91-20-3 | Naphthalene | 45.3 | | 0.50 | 5.00 | ug/L |
| 106-47-8 | 4-Chloroaniline | 20.3 | | 0.84 | 5.00 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 44.9 | | 0.54 | 5.00 | ug/L |
| 105-60-2 | Caprolactam | 45.7 | | 1.10 | 10.0 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 45.0 | | 0.56 | 5.00 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 100 | E | 3.60 | 10.0 | ug/L |
| 92-52-4 | 1,1-Biphenyl | 45.8 | | 0.53 | 5.00 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 46.2 | | 0.61 | 5.00 | ug/L |
| 88-74-4 | 2-Nitroaniline | 48.3 | | 1.30 | 5.00 | ug/L |
| 131-11-3 | Dimethylphthalate | 44.8 | | 0.61 | 5.00 | ug/L |
| 208-96-8 | Acenaphthylene | 45.5 | | 0.75 | 5.00 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 46.2 | | 0.92 | 5.00 | ug/L |
| 99-09-2 | 3-Nitroaniline | 25.9 | | 1.10 | 5.00 | ug/L |
| 83-32-9 | Acenaphthene | 45.2 | | 0.55 | 5.00 | ug/L |
| 132-64-9 | Dibenzofuran | 44.3 | | 0.61 | 5.00 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 47.0 | | 1.20 | 5.00 | ug/L |
| 84-66-2 | Diethylphthalate | 44.3 | | 0.69 | 5.00 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 44.1 | | 0.68 | 5.00 | ug/L |
| 86-73-7 | Fluorene | 44.7 | | 0.63 | 5.00 | ug/L |
| 100-01-6 | 4-Nitroaniline | 45.1 | | 1.50 | 5.00 | ug/L |

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | |
| Project: | Stockton | Date Received: | |
| Client Sample ID: | PB168323BS | SDG No.: | Q2210 |
| Lab Sample ID: | PB168323BS | Matrix: | Water |
| Analytical Method: | 8270E | % Solid: | 0 |
| Sample Wt/Vol: | 1000 Units: mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group1 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : N | PH : |
| Prep Method : | SW3510C | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP024873.D | 1 | 06/06/25 08:35 | 06/09/25 12:05 | PB168323 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 86-30-6 | n-Nitrosodiphenylamine | 46.8 | | 0.58 | 5.00 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 45.8 | | 0.40 | 5.00 | ug/L |
| 118-74-1 | Hexachlorobenzene | 45.6 | | 0.52 | 5.00 | ug/L |
| 1912-24-9 | Atrazine | 46.7 | | 1.00 | 5.00 | ug/L |
| 85-01-8 | Phenanthrene | 45.8 | | 0.50 | 5.00 | ug/L |
| 120-12-7 | Anthracene | 46.0 | | 0.61 | 5.00 | ug/L |
| 86-74-8 | Carbazole | 47.4 | | 0.72 | 5.00 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 46.1 | | 1.20 | 5.00 | ug/L |
| 206-44-0 | Fluoranthene | 45.9 | | 0.82 | 5.00 | ug/L |
| 129-00-0 | Pyrene | 46.2 | | 0.50 | 5.00 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 46.4 | | 1.90 | 5.00 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 26.4 | | 0.93 | 10.0 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 46.6 | | 0.45 | 5.00 | ug/L |
| 218-01-9 | Chrysene | 46.4 | | 0.44 | 5.00 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 47.5 | | 1.60 | 5.00 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 48.1 | | 2.30 | 10.0 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 47.3 | | 0.49 | 5.00 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 47.5 | | 0.48 | 5.00 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 47.7 | | 0.55 | 5.00 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 47.4 | | 0.59 | 5.00 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 47.6 | | 0.67 | 5.00 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 47.6 | | 0.69 | 5.00 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 46.1 | | 0.52 | 5.00 | ug/L |
| 123-91-1 | 1,4-Dioxane | 36.2 | | 1.00 | 5.00 | ug/L |
| **SURROGATES** | | | | | | |
| 4165-60-0 | Nitrobenzene-d5 | 79.4 | | 30 (67) - 130 (132) | 79% | SPK: 100 |
| 321-60-8 | 2-Fluorobiphenyl | 77.9 | | 30 (52) - 130 (132) | 78% | SPK: 100 |
| 1718-51-0 | Terphenyl-d14 | 79.2 | | 30 (42) - 130 (152) | 79% | SPK: 100 |
| **INTERNAL STANDARDS** | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 252000 | 7.608 | | | |

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# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | G Environmental | | | Date Collected: | |
| Project: | Stockton | | | Date Received: | |
| Client Sample ID: | PB168323BS | | | SDG No.: | Q2210 |
| Lab Sample ID: | PB168323BS | | | Matrix: | Water |
| Analytical Method: | 8270E | | | % Solid: | 0 |
| Sample Wt/Vol: | 1000 | Units: | mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | | | uL | Test: | SVOCMS Group1 |
| Extraction Type : | | | Decanted : N | Level : | LOW |
| Injection Volume : | | | GPC Factor : 1.0 | GPC Cleanup : N | PH : |
| Prep Method : | SW3510C | | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP024873.D | 1 | 06/06/25 08:35 | 06/09/25 12:05 | PB168323 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 1146-65-2 | Naphthalene-d8 | 1020000 | 10.378 | | | |
| 15067-26-2 | Acenaphthene-d10 | 628000 | 14.248 | | | |
| 1517-22-2 | Phenanthrene-d10 | 1190000 | 17.06 | | | |
| 1719-03-5 | Chrysene-d12 | 1270000 | 21.483 | | | |
| 1520-96-3 | Perylene-d12 | 1550000 | 24.724 | | | |

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

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | 06/04/25 |
| Project: | Stockton | Date Received: | 06/04/25 |
| Client Sample ID: | GW-MW01-060425MS | SDG No.: | Q2210 |
| Lab Sample ID: | Q2230-03MS | Matrix: | Water |
| Analytical Method: | 8270E | % Solid: | 0 |
| Sample Wt/Vol: | 960 Units: mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group1 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3510C | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP024879.D | 1 | 06/06/25 08:35 | 06/09/25 16:14 | PB168323 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 100-52-7 | Benzaldehyde | 39.6 | | 4.10 | 10.4 | ug/L |
| 111-44-4 | bis(2-Chloroethyl)ether | 51.3 | | 0.84 | 5.20 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 44.9 | | 1.30 | 5.20 | ug/L |
| 98-86-2 | Acetophenone | 55.9 | | 0.77 | 5.20 | ug/L |
| 621-64-7 | n-Nitroso-di-n-propylamine | 50.4 | | 1.50 | 2.60 | ug/L |
| 67-72-1 | Hexachloroethane | 24.9 | | 0.68 | 5.20 | ug/L |
| 98-95-3 | Nitrobenzene | 54.9 | | 0.79 | 5.20 | ug/L |
| 78-59-1 | Isophorone | 51.6 | | 0.78 | 5.20 | ug/L |
| 111-91-1 | bis(2-Chloroethoxy)methane | 52.2 | | 0.71 | 5.20 | ug/L |
| 91-20-3 | Naphthalene | 42.7 | | 0.52 | 5.20 | ug/L |
| 106-47-8 | 4-Chloroaniline | 31.4 | | 0.88 | 5.20 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 28.9 | | 0.56 | 5.20 | ug/L |
| 105-60-2 | Caprolactam | 11.7 | | 1.20 | 10.4 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 48.7 | | 0.58 | 5.20 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 62.8 | | 3.80 | 10.4 | ug/L |
| 92-52-4 | 1,1-Biphenyl | 50.2 | | 0.55 | 5.20 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 48.7 | | 0.64 | 5.20 | ug/L |
| 88-74-4 | 2-Nitroaniline | 51.3 | | 1.30 | 5.20 | ug/L |
| 131-11-3 | Dimethylphthalate | 54.0 | | 0.64 | 5.20 | ug/L |
| 208-96-8 | Acenaphthylene | 50.7 | | 0.78 | 5.20 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 56.1 | | 0.96 | 5.20 | ug/L |
| 99-09-2 | 3-Nitroaniline | 33.9 | | 1.10 | 5.20 | ug/L |
| 83-32-9 | Acenaphthene | 52.1 | | 0.57 | 5.20 | ug/L |
| 132-64-9 | Dibenzofuran | 52.6 | | 0.64 | 5.20 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 60.2 | | 1.30 | 5.20 | ug/L |
| 84-66-2 | Diethylphthalate | 56.7 | | 0.72 | 5.20 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 53.6 | | 0.71 | 5.20 | ug/L |
| 86-73-7 | Fluorene | 53.8 | | 0.66 | 5.20 | ug/L |
| 100-01-6 | 4-Nitroaniline | 47.0 | | 1.60 | 5.20 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | 06/04/25 |
| Project: | Stockton | Date Received: | 06/04/25 |
| Client Sample ID: | GW-MW01-060425MS | SDG No.: | Q2210 |
| Lab Sample ID: | Q2230-03MS | Matrix: | Water |
| Analytical Method: | 8270E | % Solid: | 0 |
| Sample Wt/Vol: | 960 Units: mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group1 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3510C | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP024879.D | 1 | 06/06/25 08:35 | 06/09/25 16:14 | PB168323 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 86-30-6 | n-Nitrosodiphenylamine | 52.4 | | 0.60 | 5.20 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 53.0 | | 0.42 | 5.20 | ug/L |
| 118-74-1 | Hexachlorobenzene | 53.4 | | 0.54 | 5.20 | ug/L |
| 1912-24-9 | Atrazine | 57.8 | | 1.10 | 5.20 | ug/L |
| 85-01-8 | Phenanthrene | 53.7 | | 0.52 | 5.20 | ug/L |
| 120-12-7 | Anthracene | 53.8 | | 0.64 | 5.20 | ug/L |
| 86-74-8 | Carbazole | 57.9 | | 0.75 | 5.20 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 58.4 | | 1.30 | 5.20 | ug/L |
| 206-44-0 | Fluoranthene | 57.7 | | 0.85 | 5.20 | ug/L |
| 129-00-0 | Pyrene | 51.4 | | 0.52 | 5.20 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 56.8 | | 2.00 | 5.20 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 19.1 | | 0.97 | 10.4 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 54.6 | | 0.47 | 5.20 | ug/L |
| 218-01-9 | Chrysene | 53.4 | | 0.46 | 5.20 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 57.3 | | 1.70 | 5.20 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 58.4 | | 2.40 | 10.4 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 56.2 | | 0.51 | 5.20 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 53.1 | | 0.50 | 5.20 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 54.1 | | 0.57 | 5.20 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 56.3 | | 0.61 | 5.20 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 57.5 | | 0.70 | 5.20 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 56.4 | | 0.72 | 5.20 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 46.6 | | 0.54 | 5.20 | ug/L |
| 123-91-1 | 1,4-Dioxane | 18.1 | | 1.00 | 5.20 | ug/L |
| **SURROGATES** | | | | | | |
| 4165-60-0 | Nitrobenzene-d5 | 90.5 | | 30 (67) - 130 (132) | 91% | SPK: 100 |
| 321-60-8 | 2-Fluorobiphenyl | 85.6 | | 30 (52) - 130 (132) | 86% | SPK: 100 |
| 1718-51-0 | Terphenyl-d14 | 80.4 | | 30 (42) - 130 (152) | 80% | SPK: 100 |
| **INTERNAL STANDARDS** | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 226000 | 7.608 | | | |

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | G Environmental | | | Date Collected: | 06/04/25 |
| Project: | Stockton | | | Date Received: | 06/04/25 |
| Client Sample ID: | GW-MW01-060425MS | | | SDG No.: | Q2210 |
| Lab Sample ID: | Q2230-03MS | | | Matrix: | Water |
| Analytical Method: | 8270E | | | % Solid: | 0 |
| Sample Wt/Vol: | 960 | Units: | mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | | | uL | Test: | SVOCMS Group1 |
| Extraction Type : | | | Decanted : N | Level : | LOW |
| Injection Volume : | | | GPC Factor : 1.0 | GPC Cleanup : N | PH : |
| Prep Method : | SW3510C | | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP024879.D | 1 | 06/06/25 08:35 | 06/09/25 16:14 | PB168323 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 1146-65-2 | Naphthalene-d8 | 938000 | 10.372 | | | |
| 15067-26-2 | Acenaphthene-d10 | 608000 | 14.248 | | | |
| 1517-22-2 | Phenanthrene-d10 | 1240000 | 17.042 | | | |
| 1719-03-5 | Chrysene-d12 | 1490000 | 21.471 | | | |
| 1520-96-3 | Perylene-d12 | 1840000 | 24.713 | | | |

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

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | 06/04/25 |
| Project: | Stockton | Date Received: | 06/04/25 |
| Client Sample ID: | GW-MW01-060425MSD | SDG No.: | Q2210 |
| Lab Sample ID: | Q2230-04MSD | Matrix: | Water |
| Analytical Method: | 8270E | % Solid: | 0 |
| Sample Wt/Vol: | 940 Units: mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group1 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3510C | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP024880.D | 1 | 06/06/25 08:35 | 06/09/25 16:55 | PB168323 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 100-52-7 | Benzaldehyde | 38.8 | | 4.20 | 10.6 | ug/L |
| 111-44-4 | bis(2-Chloroethyl)ether | 50.2 | | 0.86 | 5.30 | ug/L |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 44.5 | | 1.40 | 5.30 | ug/L |
| 98-86-2 | Acetophenone | 55.5 | | 0.79 | 5.30 | ug/L |
| 621-64-7 | n-Nitroso-di-n-propylamine | 48.1 | | 1.50 | 2.70 | ug/L |
| 67-72-1 | Hexachloroethane | 24.9 | | 0.69 | 5.30 | ug/L |
| 98-95-3 | Nitrobenzene | 54.8 | | 0.81 | 5.30 | ug/L |
| 78-59-1 | Isophorone | 51.1 | | 0.80 | 5.30 | ug/L |
| 111-91-1 | bis(2-Chloroethoxy)methane | 52.7 | | 0.72 | 5.30 | ug/L |
| 91-20-3 | Naphthalene | 42.1 | | 0.53 | 5.30 | ug/L |
| 106-47-8 | 4-Chloroaniline | 28.9 | | 0.89 | 5.30 | ug/L |
| 87-68-3 | Hexachlorobutadiene | 30.1 | | 0.57 | 5.30 | ug/L |
| 105-60-2 | Caprolactam | 10.8 | | 1.20 | 10.6 | ug/L |
| 91-57-6 | 2-Methylnaphthalene | 48.6 | | 0.60 | 5.30 | ug/L |
| 77-47-4 | Hexachlorocyclopentadiene | 70.7 | | 3.90 | 10.6 | ug/L |
| 92-52-4 | 1,1-Biphenyl | 52.0 | | 0.56 | 5.30 | ug/L |
| 91-58-7 | 2-Chloronaphthalene | 50.5 | | 0.65 | 5.30 | ug/L |
| 88-74-4 | 2-Nitroaniline | 49.4 | | 1.30 | 5.30 | ug/L |
| 131-11-3 | Dimethylphthalate | 53.9 | | 0.65 | 5.30 | ug/L |
| 208-96-8 | Acenaphthylene | 51.1 | | 0.80 | 5.30 | ug/L |
| 606-20-2 | 2,6-Dinitrotoluene | 55.7 | | 0.98 | 5.30 | ug/L |
| 99-09-2 | 3-Nitroaniline | 32.5 | | 1.10 | 5.30 | ug/L |
| 83-32-9 | Acenaphthene | 52.7 | | 0.59 | 5.30 | ug/L |
| 132-64-9 | Dibenzofuran | 52.6 | | 0.65 | 5.30 | ug/L |
| 121-14-2 | 2,4-Dinitrotoluene | 57.4 | | 1.30 | 5.30 | ug/L |
| 84-66-2 | Diethylphthalate | 56.7 | | 0.73 | 5.30 | ug/L |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 54.1 | | 0.72 | 5.30 | ug/L |
| 86-73-7 | Fluorene | 53.9 | | 0.67 | 5.30 | ug/L |
| 100-01-6 | 4-Nitroaniline | 44.3 | | 1.60 | 5.30 | ug/L |

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Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | 06/04/25 |
| Project: | Stockton | Date Received: | 06/04/25 |
| Client Sample ID: | GW-MW01-060425MSD | SDG No.: | Q2210 |
| Lab Sample ID: | Q2230-04MSD | Matrix: | Water |
| Analytical Method: | 8270E | % Solid: | 0 |
| Sample Wt/Vol: | 940 Units: mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | uL | Test: | SVOCMS Group1 |
| Extraction Type : | Decanted : N | Level : | LOW |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup : | N PH : |
| Prep Method : | SW3510C | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP024880.D | 1 | 06/06/25 08:35 | 06/09/25 16:55 | PB168323 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 86-30-6 | n-Nitrosodiphenylamine | 53.2 | | 0.62 | 5.30 | ug/L |
| 101-55-3 | 4-Bromophenyl-phenylether | 56.8 | | 0.43 | 5.30 | ug/L |
| 118-74-1 | Hexachlorobenzene | 55.5 | | 0.55 | 5.30 | ug/L |
| 1912-24-9 | Atrazine | 57.4 | | 1.10 | 5.30 | ug/L |
| 85-01-8 | Phenanthrene | 53.6 | | 0.53 | 5.30 | ug/L |
| 120-12-7 | Anthracene | 53.0 | | 0.65 | 5.30 | ug/L |
| 86-74-8 | Carbazole | 54.8 | | 0.77 | 5.30 | ug/L |
| 84-74-2 | Di-n-butylphthalate | 59.9 | | 1.30 | 5.30 | ug/L |
| 206-44-0 | Fluoranthene | 54.9 | | 0.87 | 5.30 | ug/L |
| 129-00-0 | Pyrene | 56.8 | | 0.53 | 5.30 | ug/L |
| 85-68-7 | Butylbenzylphthalate | 63.2 | | 2.10 | 5.30 | ug/L |
| 91-94-1 | 3,3-Dichlorobenzidine | 18.2 | | 0.99 | 10.6 | ug/L |
| 56-55-3 | Benzo(a)anthracene | 55.1 | | 0.48 | 5.30 | ug/L |
| 218-01-9 | Chrysene | 54.7 | | 0.47 | 5.30 | ug/L |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 66.5 | | 1.70 | 5.30 | ug/L |
| 117-84-0 | Di-n-octyl phthalate | 64.9 | | 2.50 | 10.6 | ug/L |
| 205-99-2 | Benzo(b)fluoranthene | 56.0 | | 0.52 | 5.30 | ug/L |
| 207-08-9 | Benzo(k)fluoranthene | 55.1 | | 0.51 | 5.30 | ug/L |
| 50-32-8 | Benzo(a)pyrene | 54.8 | | 0.59 | 5.30 | ug/L |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 55.3 | | 0.63 | 5.30 | ug/L |
| 53-70-3 | Dibenzo(a,h)anthracene | 55.8 | | 0.71 | 5.30 | ug/L |
| 191-24-2 | Benzo(g,h,i)perylene | 54.4 | | 0.73 | 5.30 | ug/L |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 48.8 | | 0.55 | 5.30 | ug/L |
| 123-91-1 | 1,4-Dioxane | 19.4 | | 1.10 | 5.30 | ug/L |
| **SURROGATES** | | | | | | |
| 4165-60-0 | Nitrobenzene-d5 | 88.0 | | 30 (67) - 130 (132) | 88% | SPK: 100 |
| 321-60-8 | 2-Fluorobiphenyl | 85.9 | | 30 (52) - 130 (132) | 86% | SPK: 100 |
| 1718-51-0 | Terphenyl-d14 | 89.3 | | 30 (42) - 130 (152) | 89% | SPK: 100 |
| **INTERNAL STANDARDS** | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 336000 | 7.608 | | | |

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Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | G Environmental | | | Date Collected: | 06/04/25 |
| Project: | Stockton | | | Date Received: | 06/04/25 |
| Client Sample ID: | GW-MW01-060425MSD | | | SDG No.: | Q2210 |
| Lab Sample ID: | Q2230-04MSD | | | Matrix: | Water |
| Analytical Method: | 8270E | | | % Solid: | 0 |
| Sample Wt/Vol: | 940 | Units: | mL | Final Vol: | 1000 uL |
| Soil Aliquot Vol: | | | uL | Test: | SVOCMS Group1 |
| Extraction Type : | | | Decanted : N | Level : | LOW |
| Injection Volume : | | | GPC Factor : 1.0 | GPC Cleanup : N | PH : |
| Prep Method : | SW3510C | | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| BP024880.D | 1 | 06/06/25 08:35 | 06/09/25 16:55 | PB168323 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 1146-65-2 | Naphthalene-d8 | 1350000 | 10.378 | | | |
| 15067-26-2 | Acenaphthene-d10 | 841000 | 14.248 | | | |
| 1517-22-2 | Phenanthrene-d10 | 1660000 | 17.042 | | | |
| 1719-03-5 | Chrysene-d12 | 1680000 | 21.477 | | | |
| 1520-96-3 | Perylene-d12 | 1930000 | 24.73 | | | |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

# CALIBRATION SUMMARY

# Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Jun 06 16:20:27 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP024860.D 5 =BP024861.D 10 =BP024862.D 20 =BP024863.D 40 =BP024864.D 50 =BP024865.D 60 =BP024866.D 80 =BP0248
67.D

| | | Compound | 2.5 | 5 | 10 | 20 | 40 | 50 | 60 | 80 | Avg | %RSD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1) | I | 1,4-Dichlorobenzen... | ---------- | ISTD | ---------- | | | | | | | |
| 2) | | 1,4-Dioxane | | 0.564 | 0.529 | 0.524 | 0.495 | 0.546 | 0.515 | 0.517 | 0.527 | 4.21 |
| 3) | | Pyridine | | 1.151 | 1.183 | 1.265 | 1.226 | 1.370 | 1.367 | 1.315 | 1.268 | 6.84 |
| 4) | | n-Nitrosodimet... | | | 0.478 | 0.509 | 0.502 | 0.542 | 0.554 | 0.525 | 0.518 | 5.36 |
| 5) | S | 2-Fluorophenol | | 1.127 | 1.139 | 1.207 | 1.163 | 1.283 | 1.253 | 1.215 | 1.198 | 4.85 |
| 6) | | Aniline | | 1.917 | 1.892 | 2.016 | 1.978 | 2.145 | 2.182 | 2.031 | 2.023 | 5.37 |
| 7) | S | Phenol-d6 | | 1.507 | 1.528 | 1.588 | 1.545 | 1.676 | 1.689 | 1.564 | 1.585 | 4.49 |
| 8) | | 2-Chlorophenol | | 1.336 | 1.290 | 1.346 | 1.314 | 1.453 | 1.422 | 1.348 | 1.358 | 4.29 |
| 9) | | Benzaldehyde | | | 1.038 | 1.071 | 0.873 | 0.985 | 0.869 | 0.646 | 0.914 | 16.98 |
| 10) | C | Phenol | | 1.560 | 1.564 | 1.616 | 1.587 | 1.725 | 1.759 | 1.629 | 1.634 | 4.78 |
| 11) | | bis(2-Chloroet... | | 1.222 | 1.277 | 1.334 | 1.234 | 1.363 | 1.322 | 1.246 | 1.285 | 4.26 |
| 12) | | 1,3-Dichlorobe... | | 1.570 | 1.515 | 1.537 | 1.425 | 1.571 | 1.519 | 1.471 | 1.515 | 3.49 |
| 13) | C | 1,4-Dichlorobe... | | 1.596 | 1.507 | 1.535 | 1.439 | 1.604 | 1.534 | 1.488 | 1.529 | 3.82 |
| 14) | | 1,2-Dichlorobe... | | 1.529 | 1.637 | 1.488 | 1.401 | 1.540 | 1.492 | 1.422 | 1.501 | 5.25 |
| 15) | | Benzyl Alcohol | | | 1.137 | 1.185 | 1.170 | 1.289 | 1.309 | 1.211 | 1.217 | 5.63 |
| 16) | | 2,2'-oxybis(1-... | | 1.748 | 1.732 | 1.722 | 1.583 | 1.751 | 1.667 | 1.574 | 1.682 | 4.54 |
| 17) | | 2-Methylphenol | | 1.053 | 1.149 | 1.138 | 1.106 | 1.210 | 1.211 | 1.121 | 1.141 | 4.94 |
| 18) | | Hexachloroethane | | 0.591 | 0.565 | 0.581 | 0.545 | 0.611 | 0.574 | 0.562 | 0.576 | 3.73 |
| 19) | P | n-Nitroso-di-n... | 0.984 | 1.101 | 1.105 | 1.107 | 1.043 | 1.141 | 1.113 | 1.029 | 1.078 | 4.93 |
| 20) | | 3+4-Methylphenols | | | 1.507 | 1.548 | 1.493 | 1.631 | 1.648 | 1.515 | 1.557 | 4.29 |
| 21) | I | Naphthalene-d8 | ---------- | ISTD | ---------- | | | | | | | |
| 22) | | Acetophenone | | 0.506 | 0.521 | 0.511 | 0.491 | 0.535 | 0.510 | 0.463 | 0.505 | 4.58 |
| 23) | S | Nitrobenzene-d5 | | 0.407 | 0.397 | 0.423 | 0.404 | 0.444 | 0.423 | 0.383 | 0.412 | 4.89 |
| 24) | | Nitrobenzene | | 0.366 | 0.351 | 0.375 | 0.360 | 0.392 | 0.376 | 0.339 | 0.366 | 4.81 |
| 25) | | Isophorone | | 0.704 | 0.678 | 0.724 | 0.694 | 0.764 | 0.726 | 0.704 | 0.713 | 3.91 |
| 26) | C | 2-Nitrophenol | | 0.154 | 0.157 | 0.178 | 0.180 | 0.201 | 0.195 | 0.198 | 0.180 | 10.62 |
| 27) | | 2,4-Dimethylph... | | 0.294 | 0.286 | 0.310 | 0.303 | 0.331 | 0.320 | 0.318 | 0.309 | 5.12 |
| 28) | | bis(2-Chloroet... | | 0.414 | 0.408 | 0.438 | 0.414 | 0.465 | 0.423 | 0.416 | 0.426 | 4.70 |
| 29) | C | 2,4-Dichloroph... | | 0.246 | 0.272 | 0.300 | 0.292 | 0.327 | 0.313 | 0.323 | 0.296 | 9.81 |
| 30) | | 1,2,4-Trichlor... | | 0.335 | 0.319 | 0.335 | 0.317 | 0.352 | 0.330 | 0.351 | 0.334 | 4.16 |
| 31) | | Naphthalene | | 1.071 | 1.022 | 1.044 | 0.989 | 1.079 | 1.035 | 0.935 | 1.025 | 4.86 |
| 32) | | Benzoic acid | | | 0.159 | 0.181 | 0.204 | 0.230 | 0.235 | 0.243 | 0.209 | 16.01 |
| 33) | | 4-Chloroaniline | | 0.397 | 0.401 | 0.435 | 0.426 | 0.471 | 0.463 | 0.414 | 0.429 | 6.72 |
| 34) | C | Hexachlorobuta... | | 0.203 | 0.199 | 0.208 | 0.194 | 0.218 | 0.198 | 0.189 | 0.201 | 4.76 |
| 35) | | Caprolactam | | | 0.098 | 0.109 | 0.110 | 0.118 | 0.116 | 0.104 | 0.109 | 6.91 |
| 36) | C | 4-Chloro-3-met... | | 0.312 | 0.322 | 0.351 | 0.341 | 0.374 | 0.363 | 0.329 | 0.342 | 6.58 |
| 37) | | 2-Methylnaphth... | | 0.659 | 0.638 | 0.659 | 0.633 | 0.696 | 0.664 | 0.602 | 0.650 | 4.54 |
| 38) | | 1-Methylnaphth... | | 0.720 | 0.680 | 0.718 | 0.671 | 0.741 | 0.693 | 0.643 | 0.695 | 4.86 |

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP060625.M

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 39) | I | Acenaphthene-d10 | ----------ISTD---------- | | | | | | | | |
| 40) | | 1,2,4,5-Tetrac... | 0.568 | 0.561 | 0.568 | 0.538 | 0.601 | 0.574 | 0.562 | 0.568 | 3.31 |
| 41) | P | Hexachlorocycl... | | 0.259 | 0.315 | 0.337 | 0.404 | 0.369 | 0.394 | 0.346 | 15.74 |
| 42) | S | 2,4,6-Tribromo... | 0.256 | 0.264 | 0.279 | 0.267 | 0.298 | 0.286 | 0.285 | 0.277 | 5.26 |
| 43) | C | 2,4,6-Trichlor... | 0.342 | 0.352 | 0.386 | 0.375 | 0.411 | 0.404 | 0.396 | 0.381 | 6.86 |
| 44) | | 2,4,5-Trichlor... | 0.349 | 0.379 | 0.414 | 0.405 | 0.448 | 0.436 | 0.426 | 0.408 | 8.44 |
| 45) | S | 2-Fluorobiphenyl | 1.542 | 1.507 | 1.517 | 1.390 | 1.563 | 1.464 | 1.409 | 1.485 | 4.44 |
| 46) | | 1,1'-Biphenyl | 1.477 | 1.456 | 1.485 | 1.386 | 1.509 | 1.458 | 1.403 | 1.453 | 3.05 |
| 47) | | 2-Chloronaphth... | 1.123 | 1.104 | 1.135 | 1.069 | 1.171 | 1.136 | 1.081 | 1.117 | 3.16 |
| 48) | | 2-Nitroaniline | 0.289 | 0.324 | 0.344 | 0.346 | 0.371 | 0.374 | 0.355 | 0.343 | 8.59 |
| 49) | | Acenaphthylene | 1.880 | 1.851 | 1.892 | 1.768 | 1.939 | 1.904 | 1.805 | 1.863 | 3.19 |
| 50) | | Dimethylphthalate | 1.515 | 1.450 | 1.501 | 1.400 | 1.550 | 1.473 | 1.438 | 1.475 | 3.45 |
| 51) | | 2,6-Dinitrotol... | 0.299 | 0.301 | 0.326 | 0.312 | 0.339 | 0.333 | 0.317 | 0.318 | 4.86 |
| 52) | C | Acenaphthene | 1.106 | 1.064 | 1.090 | 1.020 | 1.087 | 1.069 | 1.036 | 1.067 | 2.86 |
| 53) | | 3-Nitroaniline | 0.263 | 0.292 | 0.337 | 0.338 | 0.367 | 0.364 | 0.349 | 0.330 | 11.74 |
| 54) | P | 2,4-Dinitrophenol | | 0.117 | 0.155 | 0.179 | 0.203 | 0.208 | 0.205 | 0.178 | 20.23 |
| 55) | | Dibenzofuran | 1.815 | 1.721 | 1.756 | 1.627 | 1.757 | 1.702 | 1.615 | 1.713 | 4.22 |
| 56) | P | 4-Nitrophenol | | 0.142 | 0.213 | 0.248 | 0.276 | 0.281 | 0.275 | 0.239 | 22.62 |
| 57) | | 2,4-Dinitrotol... | 0.390 | 0.416 | 0.457 | 0.437 | 0.487 | 0.470 | 0.458 | 0.445 | 7.45 |
| 58) | | Fluorene | 1.437 | 1.394 | 1.420 | 1.304 | 1.434 | 1.370 | 1.329 | 1.384 | 3.77 |
| 59) | | 2,3,4,6-Tetrac... | 0.343 | 0.350 | 0.360 | 0.354 | 0.395 | 0.381 | 0.370 | 0.365 | 5.04 |
| 60) | | Diethylphthalate | 1.501 | 1.474 | 1.487 | 1.393 | 1.545 | 1.444 | 1.449 | 1.470 | 3.27 |
| 61) | | 4-Chlorophenyl... | 0.711 | 0.668 | 0.689 | 0.637 | 0.709 | 0.665 | 0.658 | 0.677 | 4.06 |
| 62) | | 4-Nitroaniline | 0.239 | 0.235 | 0.307 | 0.311 | 0.336 | 0.333 | 0.334 | 0.299 | 14.69 |
| 63) | | Azobenzene | 1.346 | 1.334 | 1.394 | 1.300 | 1.425 | 1.335 | 1.307 | 1.349 | 3.37 |
| 64) | I | Phenanthrene-d10 | ----------ISTD---------- | | | | | | | | |
| 65) | | 4,6-Dinitro-2-... | | 0.102 | 0.125 | 0.130 | 0.147 | 0.143 | 0.142 | 0.131 | 12.78 |
| 66) | c | n-Nitrosodiphe... | 0.627 | 0.608 | 0.633 | 0.597 | 0.659 | 0.622 | 0.594 | 0.620 | 3.68 |
| 67) | | 4-Bromophenyl-... | 0.224 | 0.215 | 0.226 | 0.213 | 0.246 | 0.229 | 0.226 | 0.226 | 4.83 |
| 68) | | Hexachlorobenzene | 0.278 | 0.268 | 0.272 | 0.260 | 0.290 | 0.275 | 0.272 | 0.274 | 3.31 |
| 69) | | Atrazine | 0.213 | 0.212 | 0.231 | 0.217 | 0.244 | 0.228 | 0.228 | 0.225 | 5.16 |
| 70) | C | Pentachlorophenol | | 0.105 | 0.131 | 0.139 | 0.162 | 0.153 | 0.159 | 0.142 | 15.21 |
| 71) | | Phenanthrene | 1.158 | 1.108 | 1.110 | 1.056 | 1.161 | 1.102 | 1.041 | 1.105 | 4.12 |
| 72) | | Anthracene | 1.129 | 1.093 | 1.137 | 1.072 | 1.188 | 1.133 | 1.083 | 1.119 | 3.58 |
| 73) | | Carbazole | 1.023 | 1.013 | 1.057 | 0.998 | 1.112 | 1.052 | 1.007 | 1.038 | 3.83 |
| 74) | | Di-n-butylphth... | 1.178 | 1.245 | 1.326 | 1.272 | 1.421 | 1.273 | 1.284 | 1.285 | 5.81 |
| 75) | C | Fluoranthene | 1.300 | 1.287 | 1.307 | 1.223 | 1.344 | 1.268 | 1.238 | 1.281 | 3.25 |
| 76) | I | Chrysene-d12 | ----------ISTD---------- | | | | | | | | |
| 77) | | Benzidine | | 0.512 | 0.669 | 0.653 | 0.690 | 0.663 | 0.529 | 0.619 | 12.54 |
| 78) | | Pyrene | 1.307 | 1.195 | 1.261 | 1.184 | 1.322 | 1.272 | 1.206 | 1.249 | 4.41 |
| 79) | S | Terphenyl-d14 | 1.178 | 1.073 | 1.146 | 1.089 | 1.164 | 1.120 | 1.039 | 1.116 | 4.57 |
| 80) | | Butylbenzylpht... | 0.508 | 0.529 | 0.581 | 0.561 | 0.641 | 0.596 | 0.589 | 0.572 | 7.74 |
| 81) | | Benzo(a)anthra... | 1.312 | 1.234 | 1.288 | 1.219 | 1.347 | 1.310 | 1.243 | 1.279 | 3.73 |
| 82) | | 3,3'-Dichlorob... | | 0.468 | 0.513 | 0.493 | 0.542 | 0.531 | 0.501 | 0.508 | 5.29 |
| 83) | | Chrysene | 1.252 | 1.174 | 1.229 | 1.144 | 1.279 | 1.238 | 1.168 | 1.212 | 4.13 |
| 84) | | Bis(2-ethylhex... | 0.715 | 0.780 | 0.846 | 0.797 | 0.921 | 0.831 | 0.850 | 0.820 | 7.87 |
| 85) | c | Di-n-octyl pht... | | 1.320 | 1.438 | 1.384 | 1.587 | 1.470 | 1.473 | 1.445 | 6.25 |

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP060625.M

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 86) | I | Perylene-d12 | ----------ISTD---------- | | | | | | | |
| 87) | | Indeno(1,2,3-c... | 1.427 | 1.402 | 1.469 | 1.412 | 1.559 | 1.510 | 1.436 | 1.459 | 3.92 |
| 88) | | Benzo(b)fluora... | 1.103 | 1.104 | 1.133 | 1.127 | 1.232 | 1.180 | 1.133 | 1.145 | 4.06 |
| 89) | | Benzo(k)fluora... | 1.165 | 1.144 | 1.180 | 1.106 | 1.259 | 1.158 | 1.144 | 1.165 | 4.05 |
| 90) | C | Benzo(a)pyrene | 1.096 | 1.069 | 1.127 | 1.070 | 1.214 | 1.136 | 1.113 | 1.118 | 4.46 |
| 91) | | Dibenzo(a,h)an... | 1.151 | 1.143 | 1.202 | 1.143 | 1.279 | 1.224 | 1.172 | 1.188 | 4.25 |
| 92) | | Benzo(g,h,i)pe... | 1.172 | 1.127 | 1.183 | 1.136 | 1.261 | 1.214 | 1.157 | 1.179 | 3.95 |

(#) = Out of Range

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2210 SAS No.: Q2210 SDG No.: Q2210

Instrument ID: BNA_P Calibration Date/Time: 06/09/2025 10:44

Lab File ID: BP024871.D Init. Calib. Date(s): 06/06/2025 06/06/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:30 15:18

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

| COMPOUND | RRF | RRF040 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 2-Fluorophenol | 1.198 | 1.175 | | -1.9 | |
| Benzaldehyde | 0.914 | 0.893 | | -2.3 | |
| Phenol-d6 | 1.585 | 1.601 | | 1.0 | |
| bis(2-Chloroethyl)ether | 1.285 | 1.280 | | -0.4 | |
| 2,2-oxybis(1-Chloropropane) | 1.682 | 1.631 | | -3.0 | |
| Acetophenone | 0.505 | 0.492 | | -2.6 | |
| n-Nitroso-di-n-propylamine | 1.078 | 1.088 | 0.050 | 0.9 | |
| Nitrobenzene-d5 | 0.412 | 0.405 | | -1.7 | |
| Hexachloroethane | 0.576 | 0.542 | | -5.9 | |
| Nitrobenzene | 0.366 | 0.359 | | -1.9 | |
| Isophorone | 0.713 | 0.693 | | -2.8 | |
| bis(2-Chloroethoxy)methane | 0.426 | 0.409 | | -4.0 | |
| Naphthalene | 1.025 | 0.984 | | -4.0 | |
| 4-Chloroaniline | 0.429 | 0.434 | | 1.2 | |
| Hexachlorobutadiene | 0.201 | 0.187 | | -7.0 | 20.0 |
| Caprolactam | 0.109 | 0.112 | | 2.8 | |
| 2-Methylnaphthalene | 0.650 | 0.642 | | -1.2 | |
| Hexachlorocyclopentadiene | 0.346 | 0.332 | 0.050 | -4.0 | |
| 2-Fluorobiphenyl | 1.485 | 1.394 | | -6.1 | |
| 1,1-Biphenyl | 1.453 | 1.381 | | -5.0 | |
| 2-Chloronaphthalene | 1.117 | 1.069 | | -4.3 | |
| 2-Nitroaniline | 0.343 | 0.351 | | 2.3 | |
| Dimethylphthalate | 1.475 | 1.400 | | -5.1 | |
| Acenaphthylene | 1.863 | 1.770 | | -5.0 | |
| 2,6-Dinitrotoluene | 0.318 | 0.308 | | -3.1 | |
| 3-Nitroaniline | 0.330 | 0.343 | | 3.9 | |
| Acenaphthene | 1.067 | 1.029 | | -3.6 | 20.0 |
| Dibenzofuran | 1.713 | 1.630 | | -4.8 | |
| 2,4-Dinitrotoluene | 0.445 | 0.443 | | -0.4 | |
| Diethylphthalate | 1.470 | 1.395 | | -5.1 | |
| 4-Chlorophenyl-phenylether | 0.677 | 0.627 | | -7.4 | |
| Fluorene | 1.384 | 1.326 | | -4.2 | |
| 4-Nitroaniline | 0.299 | 0.327 | | 9.4 | |
| n-Nitrosodiphenylamine | 0.620 | 0.596 | | -3.9 | 20.0 |
| 2,4,6-Tribromophenol | 0.277 | 0.273 | | -1.4 | |
| 4-Bromophenyl-phenylether | 0.226 | 0.216 | | -4.4 | |
| Hexachlorobenzene | 0.274 | 0.261 | | -4.7 | |
| Atrazine | 0.225 | 0.214 | | -4.9 | |
| Phenanthrene | 1.105 | 1.056 | | -4.4 | |

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Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2210 SAS No.: Q2210 SDG No.: Q2210

Instrument ID: BNA_P Calibration Date/Time: 06/09/2025 10:44

Lab File ID: BP024871.D Init. Calib. Date(s): 06/06/2025 06/06/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:30 15:18

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

| COMPOUND | RRF | RRF040 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Anthracene | 1.119 | 1.067 | | -4.6 | |
| Carbazole | 1.038 | 1.005 | | -3.2 | |
| Di-n-butylphthalate | 1.285 | 1.195 | | -7.0 | |
| Fluoranthene | 1.281 | 1.200 | | -6.3 | 20.0 |
| Pyrene | 1.249 | 1.182 | | -5.4 | |
| Terphenyl-d14 | 1.116 | 1.046 | | -6.3 | |
| Butylbenzylphthalate | 0.572 | 0.544 | | -4.9 | |
| 3,3-Dichlorobenzidine | 0.508 | 0.491 | | -3.3 | |
| Benzo(a)anthracene | 1.279 | 1.229 | | -3.9 | |
| Chrysene | 1.212 | 1.154 | | -4.8 | |
| Bis(2-ethylhexyl)phthalate | 0.820 | 0.772 | | -5.9 | |
| Di-n-octyl phthalate | 1.445 | 1.351 | | -6.5 | 20.0 |
| Benzo(b)fluoranthene | 1.145 | 1.096 | | -4.3 | |
| Benzo(k)fluoranthene | 1.165 | 1.086 | | -6.8 | |
| Benzo(a)pyrene | 1.118 | 1.057 | | -5.5 | 20.0 |
| Indeno(1,2,3-cd)pyrene | 1.459 | 1.436 | | -1.6 | |
| Dibenzo(a,h)anthracene | 1.188 | 1.170 | | -1.5 | |
| Benzo(g,h,i)perylene | 1.179 | 1.158 | | -1.8 | |
| 1,2,4,5-Tetrachlorobenzene | 0.568 | 0.541 | | -4.8 | |
| 1,4-Dioxane | 0.527 | 0.520 | | -1.3 | 20.0 |

All other compounds must meet a minimum RRF of 0.010.

# SAMPLE RAW DATA

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024874.D
Acq On : 09 Jun 2025 12:50
Operator : RC/JU
Sample : Q2210-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TW1

Quant Time: Jun 09 13:13:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

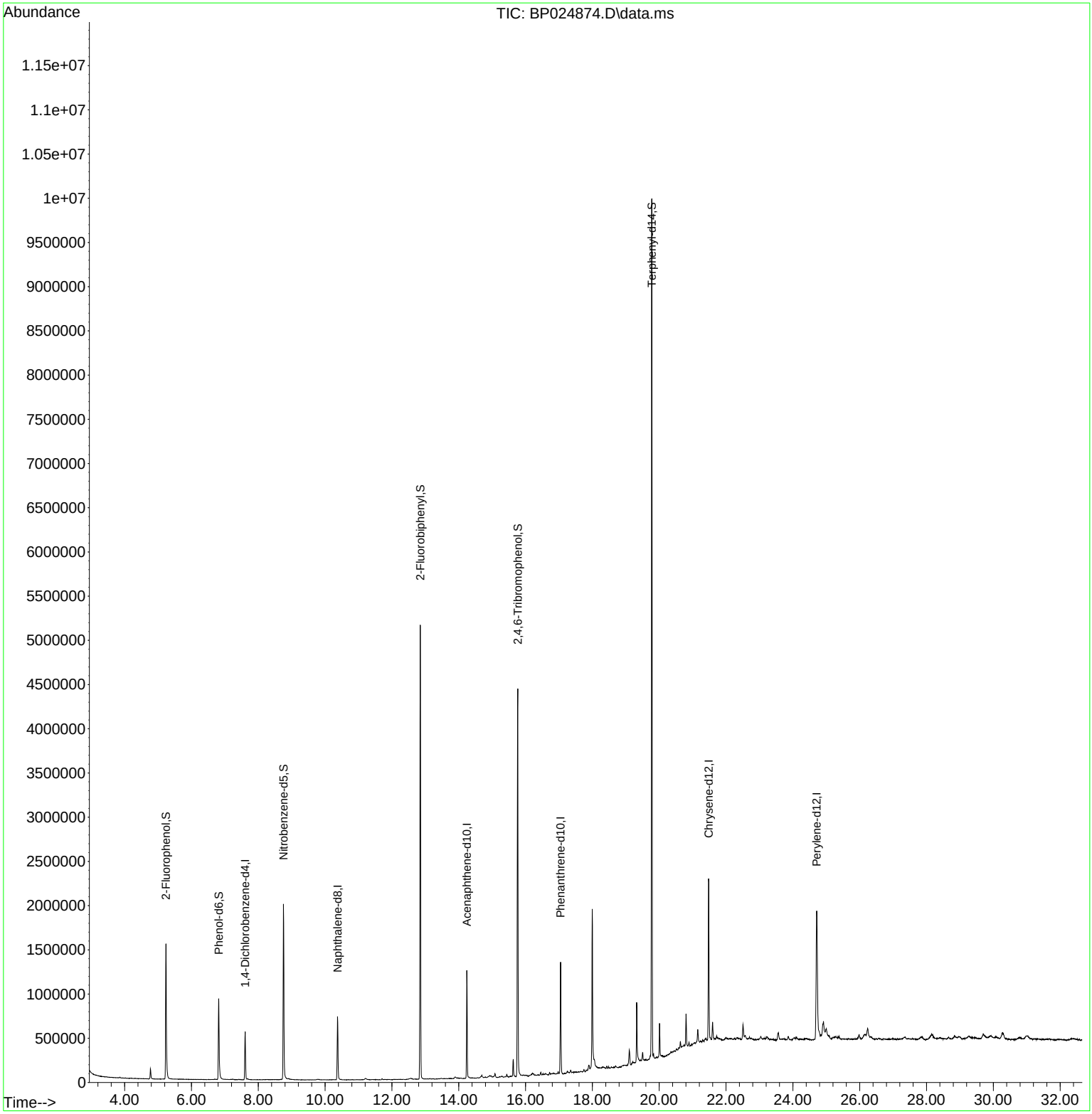
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.607 | 152 | 152557 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.372 | 136 | 617882 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.242 | 164 | 395301 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.048 | 188 | 788461 | 20.000 | ng | -0.01 |
| 76) Chrysene-d12 | 21.483 | 240 | 1056540 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 24.712 | 264 | 1470569 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.237 | 112 | 742475 | 81.238 | ng | 0.00 |
| 7) Phenol-d6 | 6.813 | 99 | 614677 | 50.831 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.754 | 82 | 1169640 | 91.986 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.766 | 330 | 895820 | 163.912 | ng | -0.02 |
| 45) 2-Fluorobiphenyl | 12.848 | 172 | 2487280 | 84.762 | ng | -0.01 |
| 79) Terphenyl-d14 | 19.777 | 244 | 4732640 | 80.282 | ng | -0.02 |
| Target Compounds | | | | | | Qvalue |

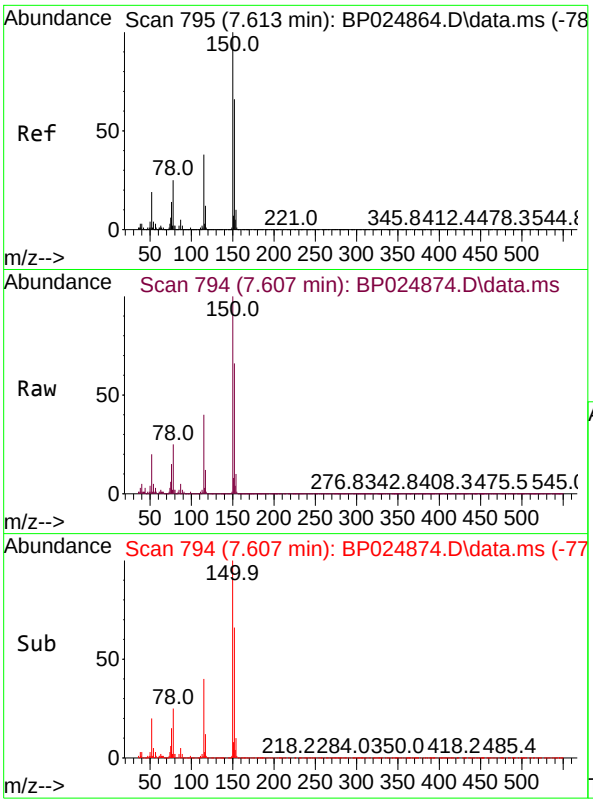
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024874.D
Acq On : 09 Jun 2025 12:50
Operator : RC/JU
Sample : Q2210-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TW1

Quant Time: Jun 09 13:13:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration



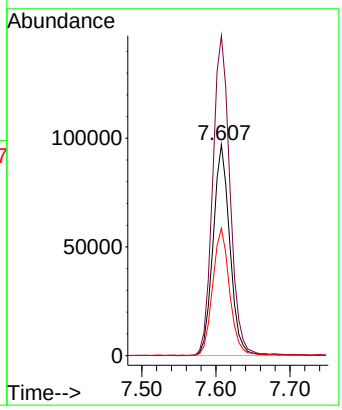


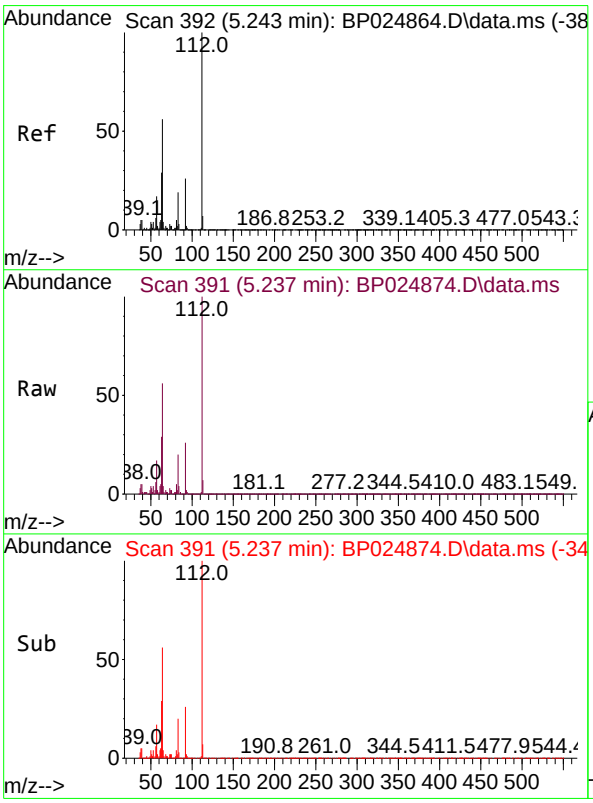

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.607 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP024874.D
Acq: 09 Jun 2025 12:50

**Instrument :**
BNA_P
**ClientSampleId :**
TW1

Tgt Ion:152 Resp: 152557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 151.6 | 122.1 | 183.1 |
| 115 | 60.4 | 46.4 | 69.6 |

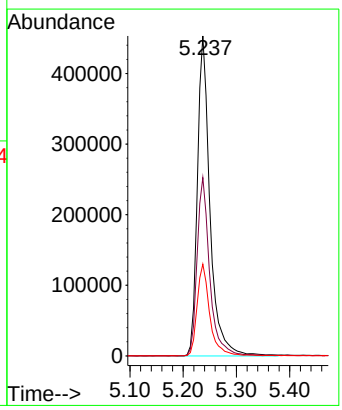


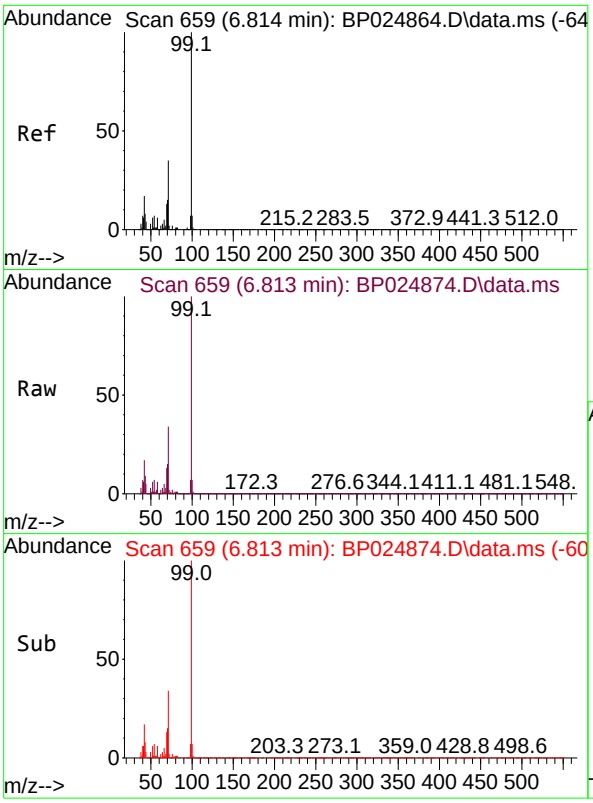




#5
2-Fluorophenol
Concen: 81.238 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP024874.D
Acq: 09 Jun 2025 12:50

Tgt Ion:112 Resp: 742475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.7 | 44.7 | 67.1 |
| 63 | 28.7 | 23.5 | 35.3 |



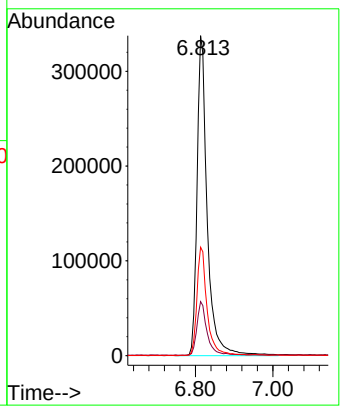


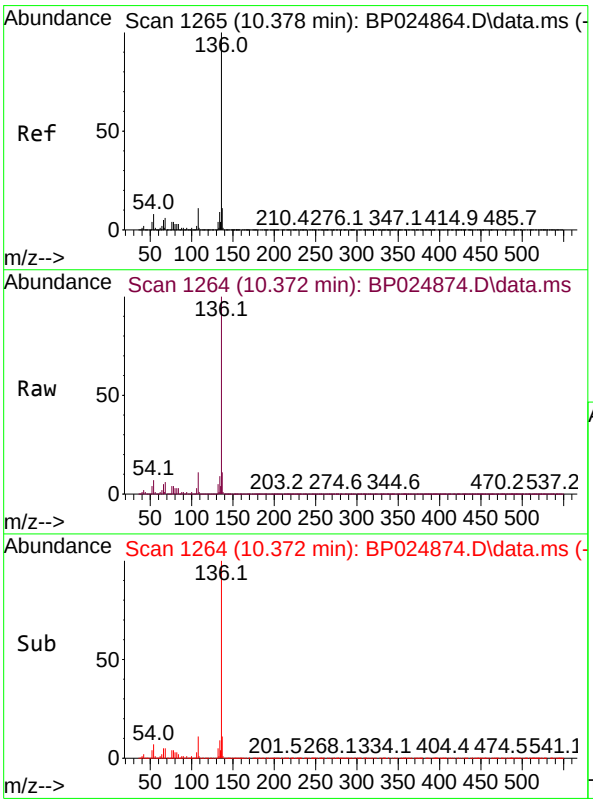

#7
Phenol-d6
Concen: 50.831 ng
RT: 6.813 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024874.D
Acq: 09 Jun 2025 12:50

**Instrument :**
BNA_P
**ClientSampleId :**
TW1

Tgt Ion: 99 Resp: 614677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.9 | 13.4 | 20.2 |
| 71 | 33.9 | 27.6 | 41.4 |

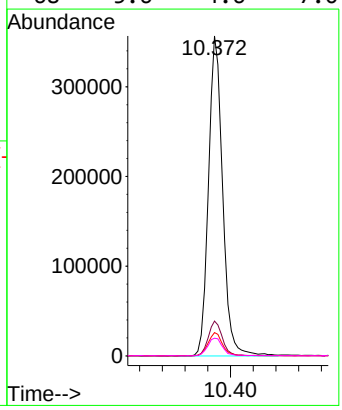


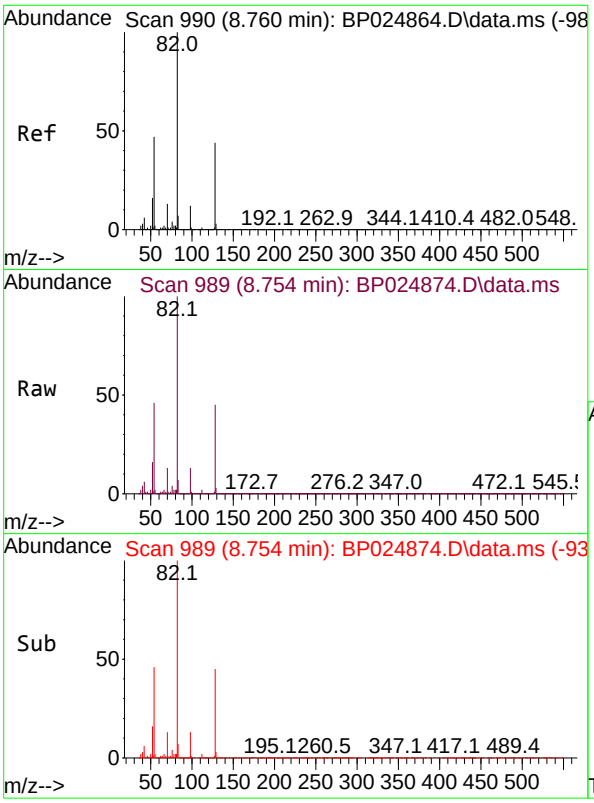




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.372 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BP024874.D
Acq: 09 Jun 2025 12:50

Tgt Ion:136 Resp: 617882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.9 | 13.3 |
| 54 | 7.3 | 6.1 | 9.1 |
| 68 | 5.6 | 4.6 | 7.0 |



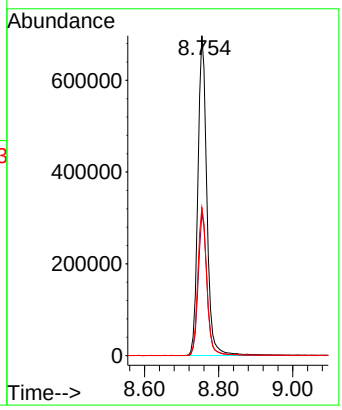


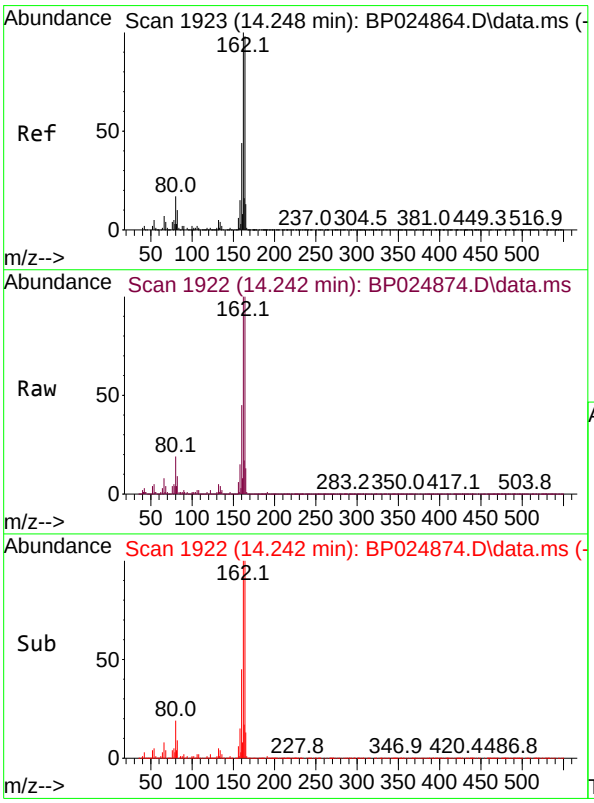

#23
Nitrobenzene-d5
Concen: 91.986 ng
RT: 8.754 min Scan# 98
Delta R.T. -0.006 min
Lab File: BP024874.D
Acq: 09 Jun 2025 12:50

**Instrument :**
BNA_P
**ClientSampleId :**
TW1

Tgt Ion: 82 Resp: 1169640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.7 | 35.3 | 52.9 |
| 54 | 46.3 | 37.4 | 56.0 |

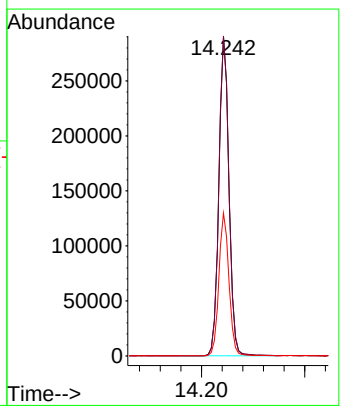


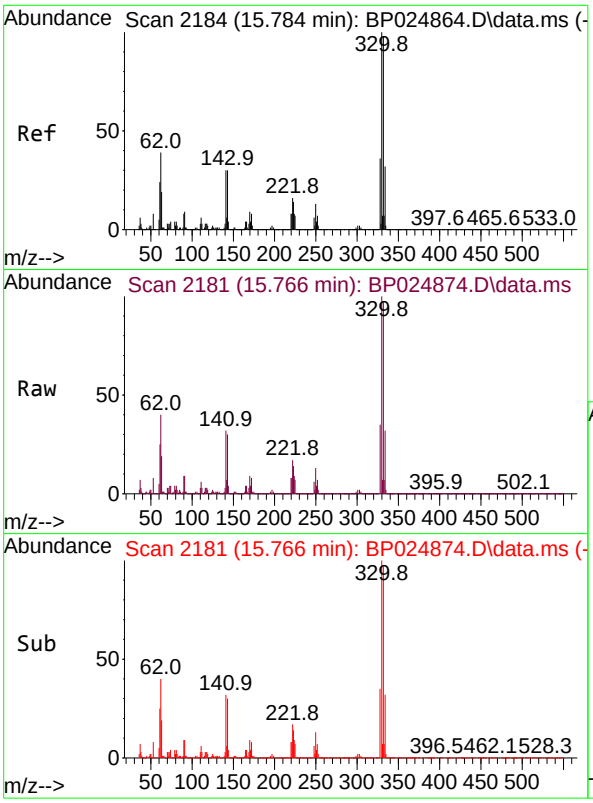




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.242 min Scan# 1922
Delta R.T. -0.006 min
Lab File: BP024874.D
Acq: 09 Jun 2025 12:50

Tgt Ion:164 Resp: 395301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.9 | 81.6 | 122.4 |
| 160 | 44.6 | 36.2 | 54.2 |



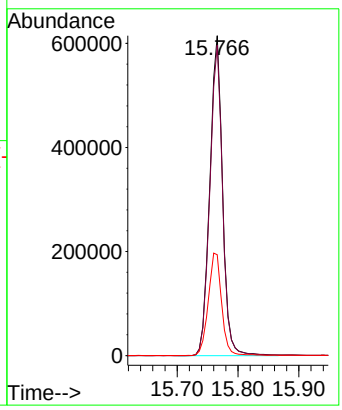


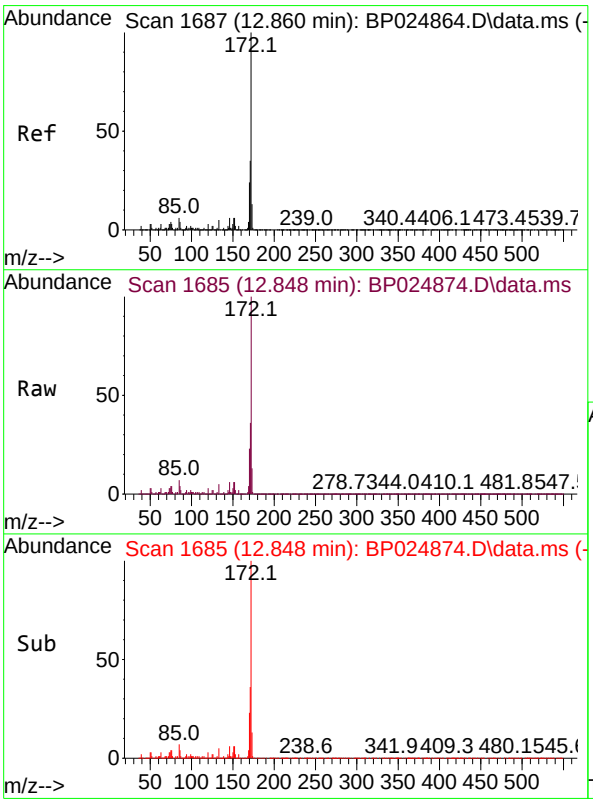

#42
2,4,6-Tribromophenol
Concen: 163.912 ng
RT: 15.766 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024874.D
Acq: 09 Jun 2025 12:50

**Instrument :**
BNA_P
**ClientSampleId :**
TW1

Tgt Ion:330 Resp: 895820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.0 | 77.7 | 116.5 |
| 141 | 33.5 | 26.4 | 39.6 |

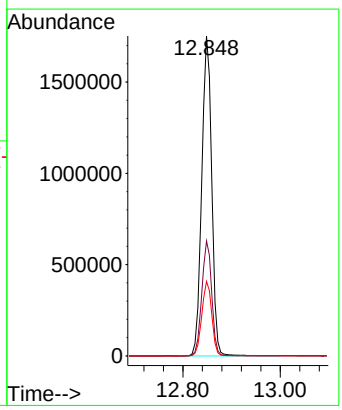


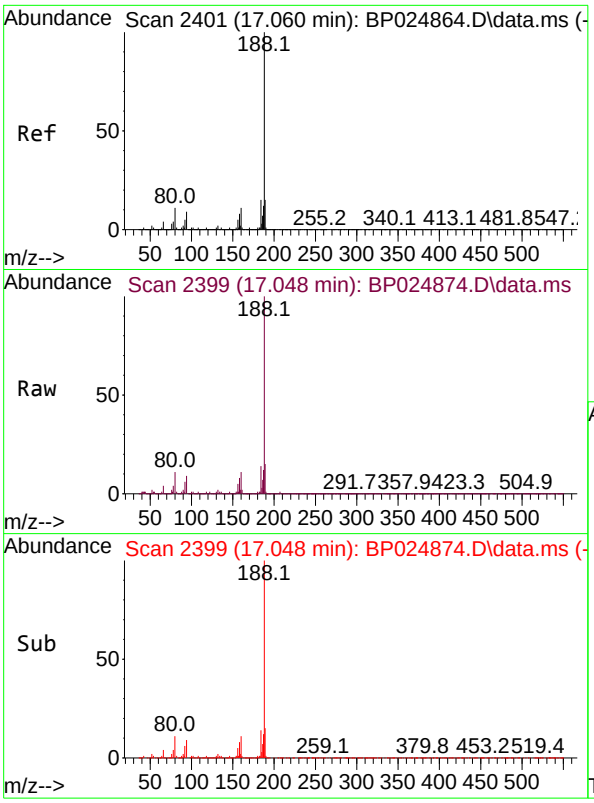




#45
2-Fluorobiphenyl
Concen: 84.762 ng
RT: 12.848 min Scan# 1685
Delta R.T. -0.012 min
Lab File: BP024874.D
Acq: 09 Jun 2025 12:50

Tgt Ion:172 Resp: 2487280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.9 | 28.3 | 42.5 |
| 170 | 23.3 | 19.0 | 28.4 |



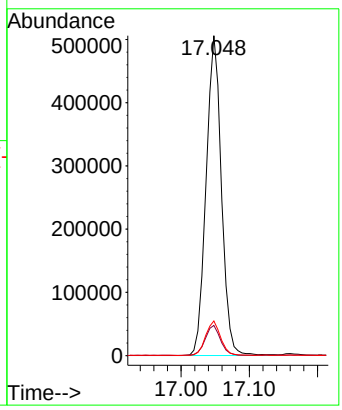


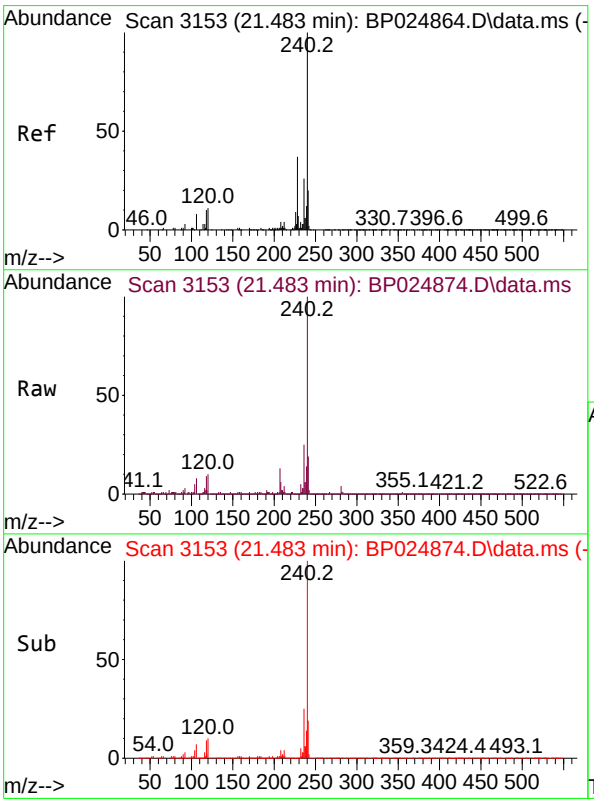

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.048 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024874.D
Acq: 09 Jun 2025 12:50

**Instrument :**
BNA_P
**ClientSampleId :**
TW1

Tgt Ion:188 Resp: 788461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.4 | 7.3 | 10.9 |
| 80 | 10.8 | 8.5 | 12.7 |

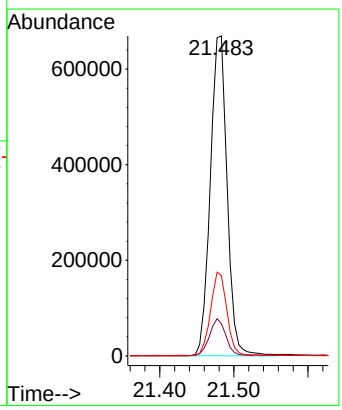


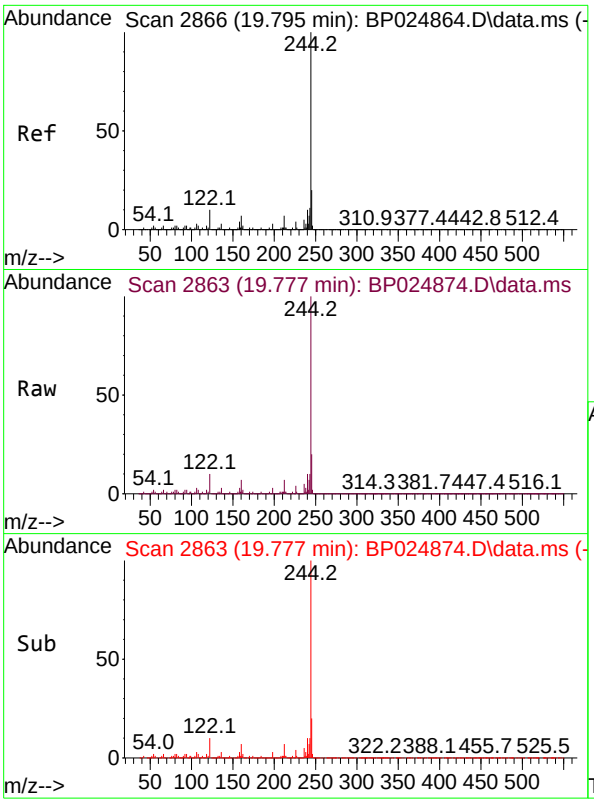




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BP024874.D
Acq: 09 Jun 2025 12:50

Tgt Ion:240 Resp: 1056540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.1 | 8.9 | 13.3 |
| 236 | 25.1 | 20.9 | 31.3 |



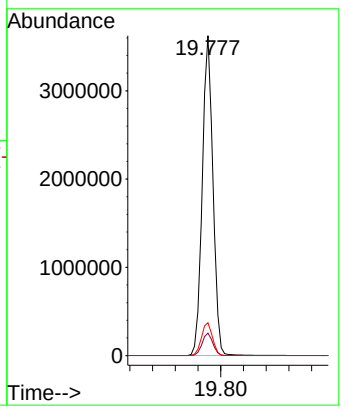


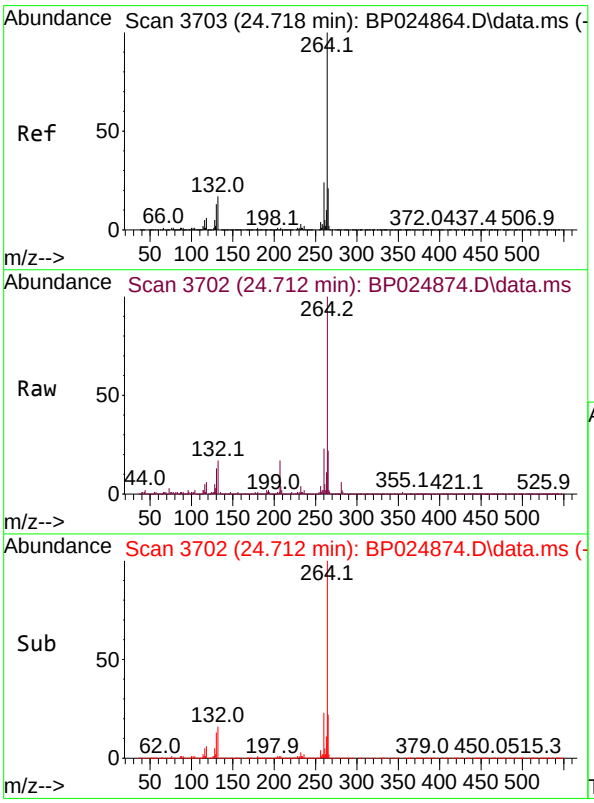

#79
Terphenyl-d14
Concen: 80.282 ng
RT: 19.777 min Scan# 28
Delta R.T. -0.018 min
Lab File: BP024874.D
Acq: 09 Jun 2025 12:50

**Instrument :**
BNA_P
**ClientSampleId :**
TW1

Tgt Ion:244 Resp: 4732640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.0 | 5.6 | 8.4 |
| 122 | 10.3 | 7.7 | 11.5 |

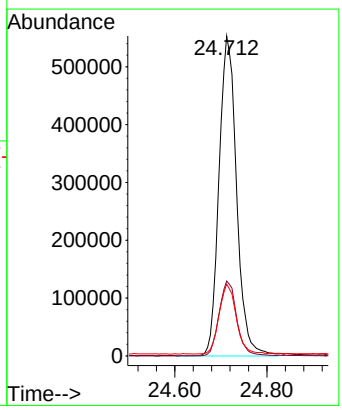



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.712 min Scan# 3702
Delta R.T. -0.006 min
Lab File: BP024874.D
Acq: 09 Jun 2025 12:50

Tgt Ion:264 Resp: 1470569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.4 | 19.0 | 28.4 |
| 265 | 22.4 | 17.4 | 26.0 |



LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024874.D
Acq On : 09 Jun 2025 12:50
Operator : RC/JU
Sample : Q2210-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TW1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024874.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.772 | 307 | 312 | 321 | rBV | 111429 | 167560 | 1.33% | 0.320% |
| 2 | 5.237 | 385 | 391 | 414 | rBV | 1527999 | 2476116 | 19.58% | 4.730% |
| 3 | 6.813 | 653 | 659 | 679 | rBV | 912660 | 1653375 | 13.07% | 3.158% |
| 4 | 7.607 | 787 | 794 | 802 | rBV | 543478 | 874184 | 6.91% | 1.670% |
| 5 | 8.754 | 982 | 989 | 1011 | rBV | 1982943 | 3327425 | 26.31% | 6.356% |
| 6 | 10.372 | 1257 | 1264 | 1280 | rBV | 716506 | 1256040 | 9.93% | 2.399% |
| 7 | 12.848 | 1678 | 1685 | 1697 | rBV | 5135586 | 7225117 | 57.13% | 13.801% |
| 8 | 14.242 | 1916 | 1922 | 1931 | rBV | 1220168 | 1714080 | 13.55% | 3.274% |
| 9 | 15.631 | 2153 | 2158 | 2168 | rVB | 196360 | 287969 | 2.28% | 0.550% |
| 10 | 15.766 | 2173 | 2181 | 2198 | rBV | 4387899 | 6695575 | 52.95% | 12.790% |
| 11 | 17.048 | 2392 | 2399 | 2410 | rVB2 | 1263476 | 1983404 | 15.68% | 3.789% |
| 12 | 17.995 | 2554 | 2560 | 2569 | rBV | 1778101 | 2784334 | 22.02% | 5.319% |
| 13 | 19.101 | 2744 | 2748 | 2756 | rVB | 168950 | 318474 | 2.52% | 0.608% |
| 14 | 19.324 | 2782 | 2786 | 2800 | rBV | 674012 | 1037032 | 8.20% | 1.981% |
| 15 | 19.777 | 2857 | 2863 | 2869 | rBV | 9692519 | 12645781 | 100.00% | 24.156% |
| 16 | 20.007 | 2899 | 2902 | 2911 | rVB | 369933 | 492336 | 3.89% | 0.940% |
| 17 | 20.801 | 3033 | 3037 | 3047 | rVB | 364299 | 522797 | 4.13% | 0.999% |
| 18 | 21.477 | 3147 | 3152 | 3159 | rBV2 | 1817101 | 2810735 | 22.23% | 5.369% |
| 19 | 21.595 | 3169 | 3172 | 3180 | rVB | 191586 | 297734 | 2.35% | 0.569% |
| 20 | 24.712 | 3695 | 3702 | 3720 | rVB | 1416023 | 3781063 | 29.90% | 7.223% |

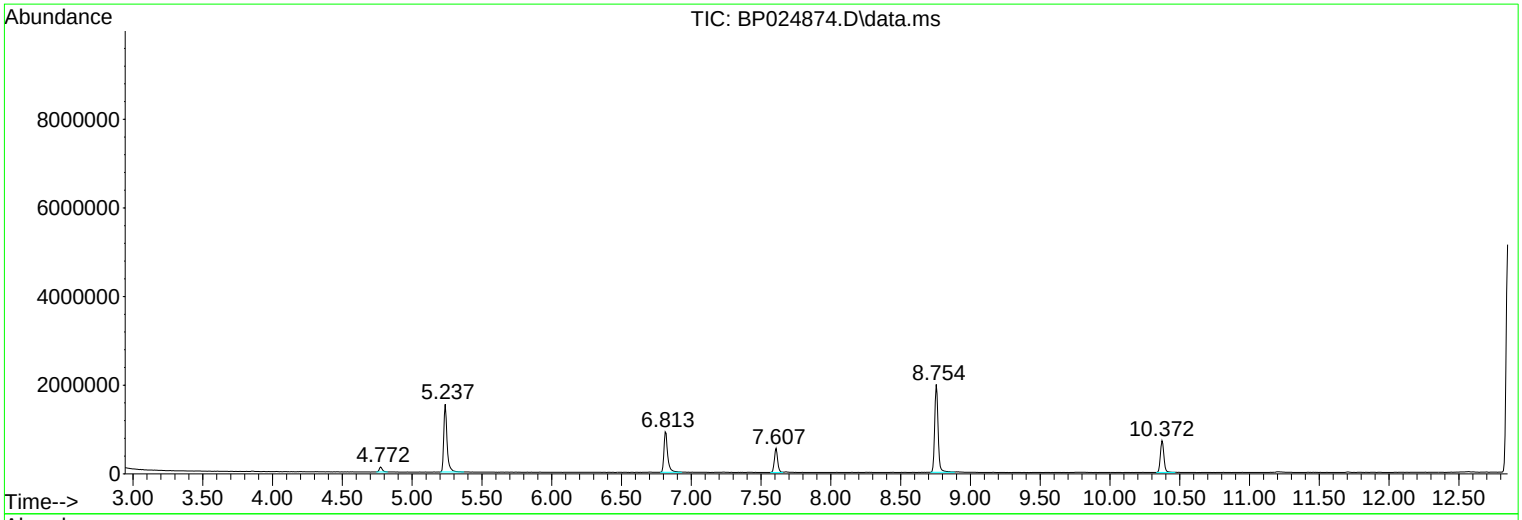
Sum of corrected areas: 52351131

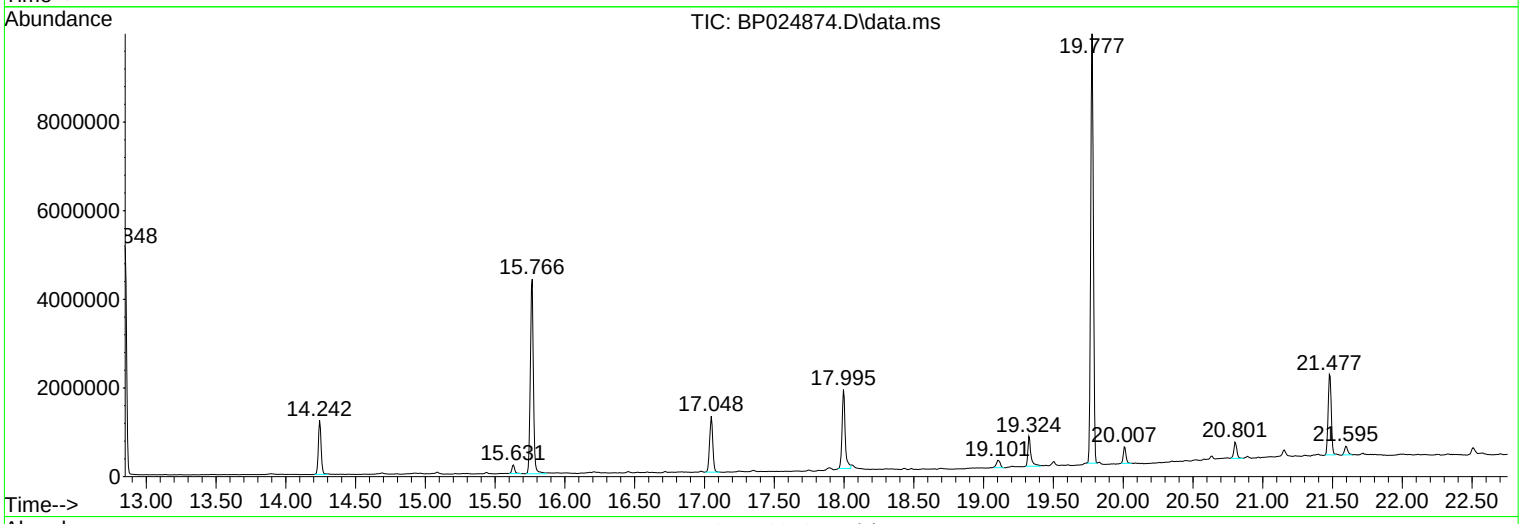
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024874.D
Acq On : 09 Jun 2025 12:50
Operator : RC/JU
Sample : Q2210-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

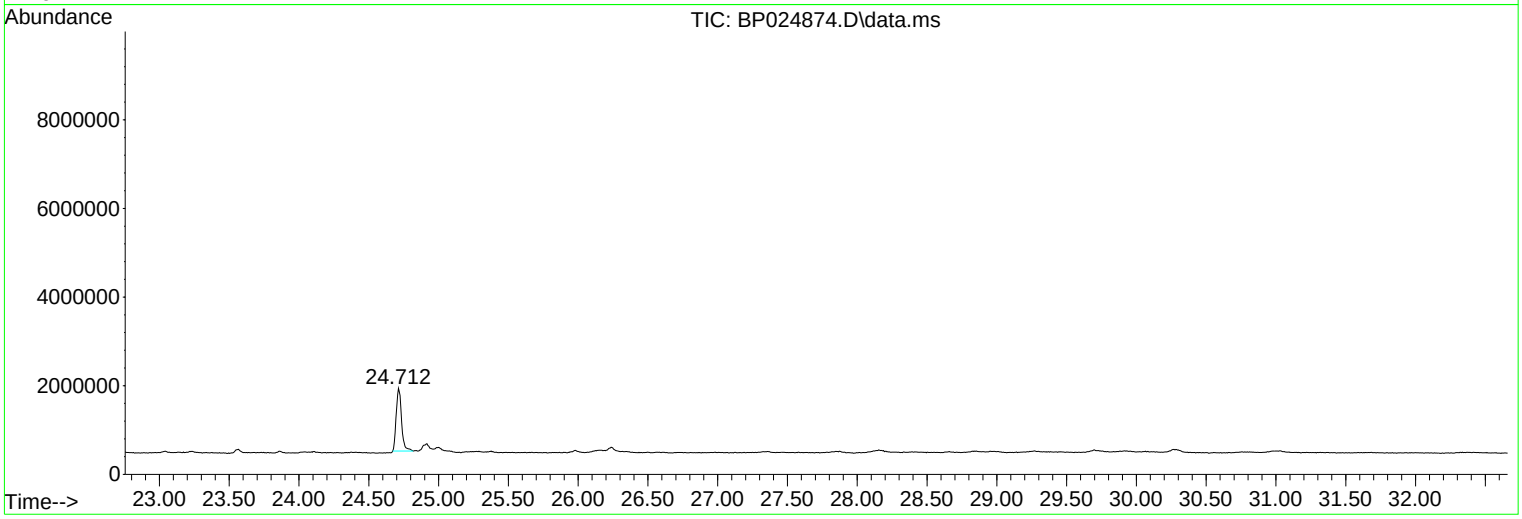
**Instrument :**
BNA_P
**ClientSampleId :**
TW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024874.D
Acq On : 09 Jun 2025 12:50
Operator : RC/JU
Sample : Q2210-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TW1

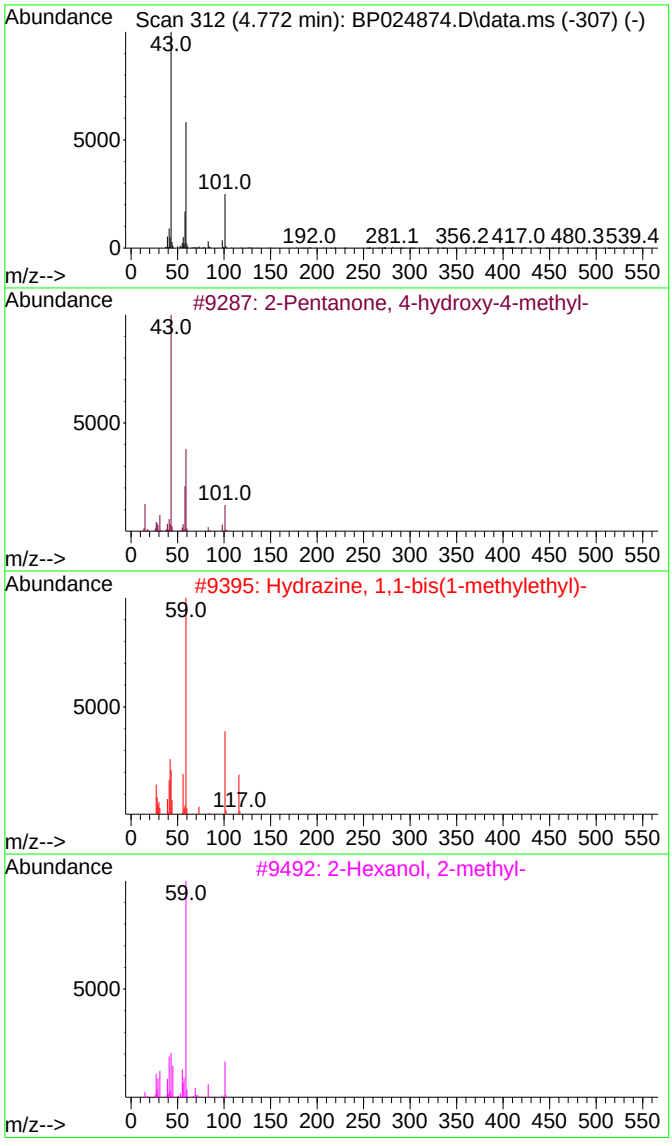
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

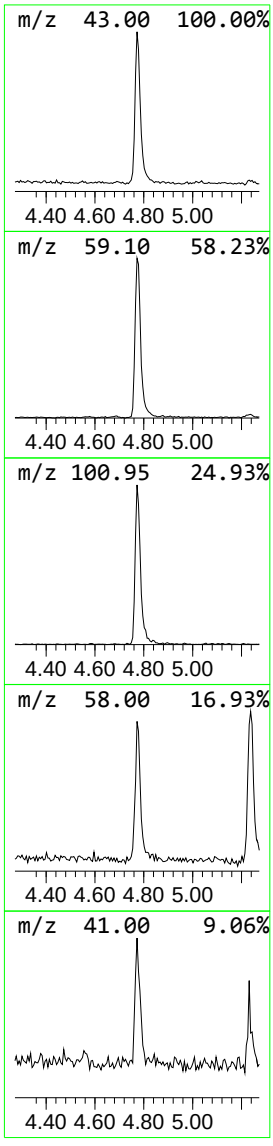
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.772 | 3.83 ng | 167560 | 1,4-Dichlorobenzene-d4 | 7.607 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 50 |
| 2 | Hydrazine, 1,1-bis(1-methylethyl)- | 116 | C6H16N2 | 000921-14-2 | 28 |
| 3 | 2-Hexanol, 2-methyl- | 116 | C7H16O | 000625-23-0 | 23 |
| 4 | 2,5,8,11-Tetraoxadodecane | 178 | C8H18O4 | 000112-49-2 | 23 |
| 5 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 17 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024874.D
Acq On : 09 Jun 2025 12:50
Operator : RC/JU
Sample : Q2210-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

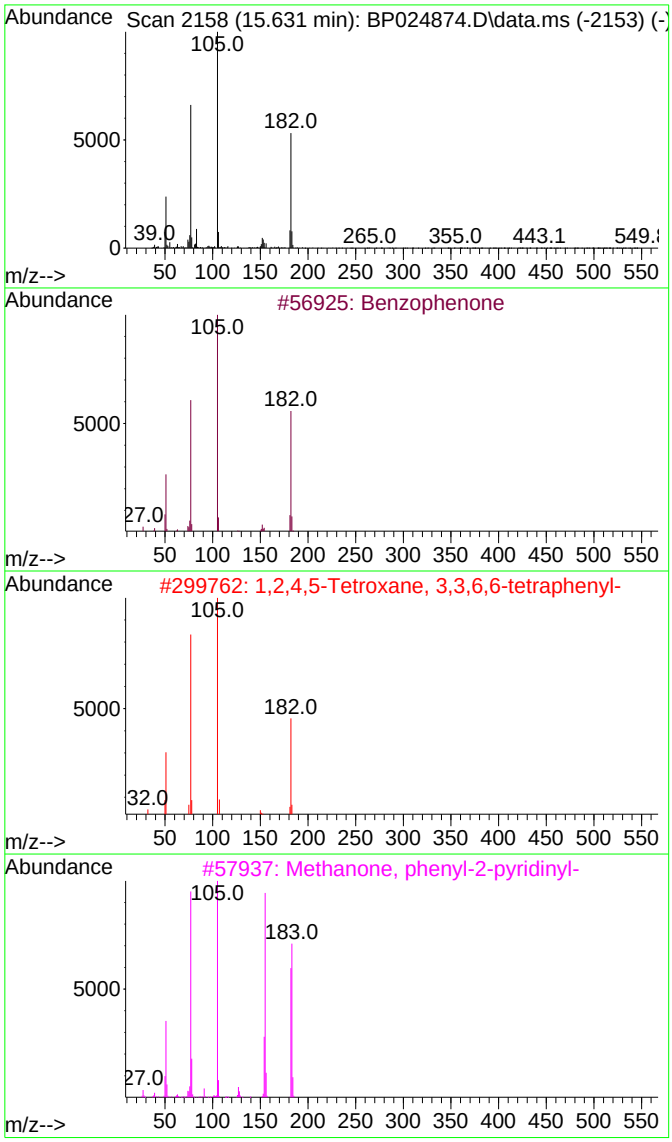
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

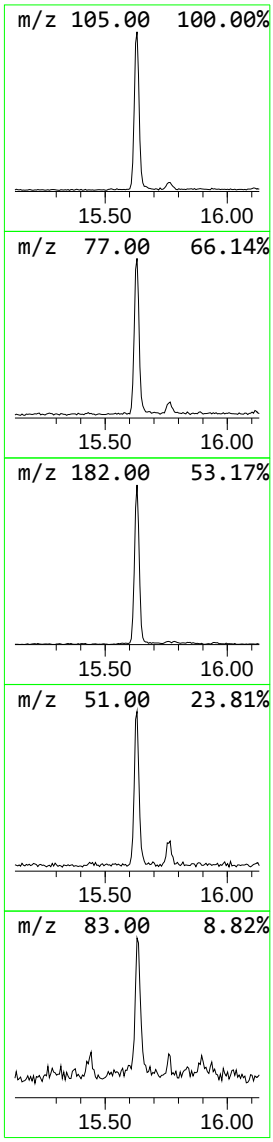
**********

Peak Number 2 Benzophenone Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.631 | 3.36 ng | 287969 | Acenaphthene-d10 | 14.242 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 97 |
| 2 | 1,2,4,5-Tetroxane, 3,3,6,6-tetra... | 396 | C26H20O4 | 016204-36-7 | 64 |
| 3 | Methanone, phenyl-2-pyridinyl- | 183 | C12H9NO | 000091-02-1 | 56 |
| 4 | 1,2,4-Trioxolane, 3,3,5-triphenyl- | 304 | C20H16O3 | 023246-12-0 | 50 |
| 5 | Azobenzene | 182 | C12H10N2 | 000103-33-3 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024874.D
Acq On : 09 Jun 2025 12:50
Operator : RC/JU
Sample : Q2210-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

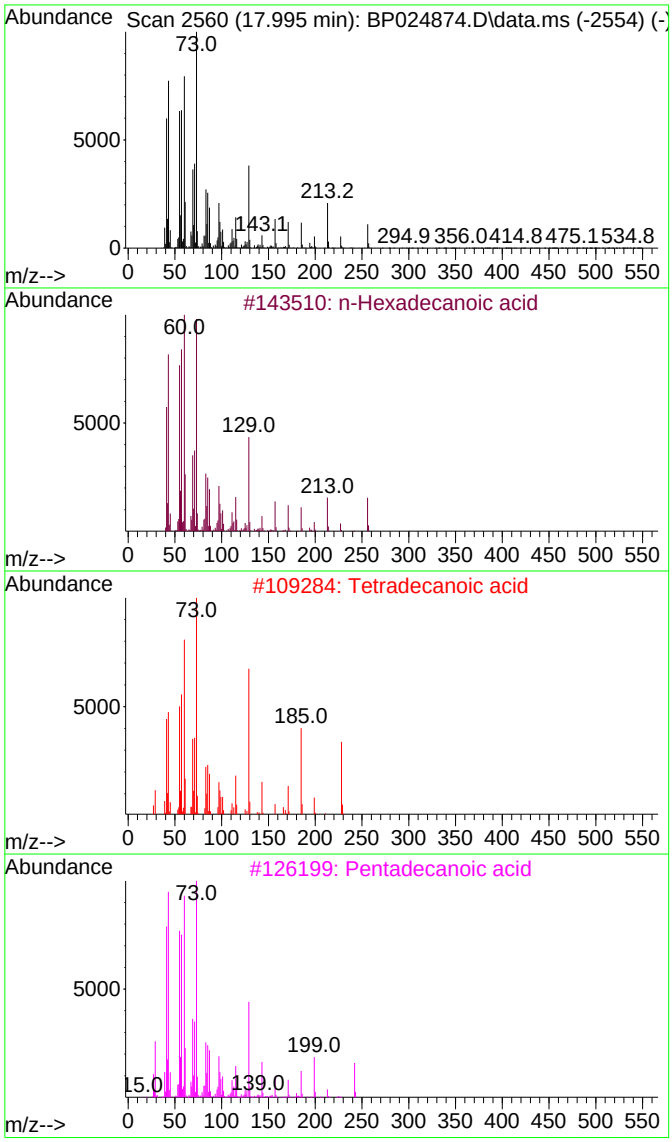
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

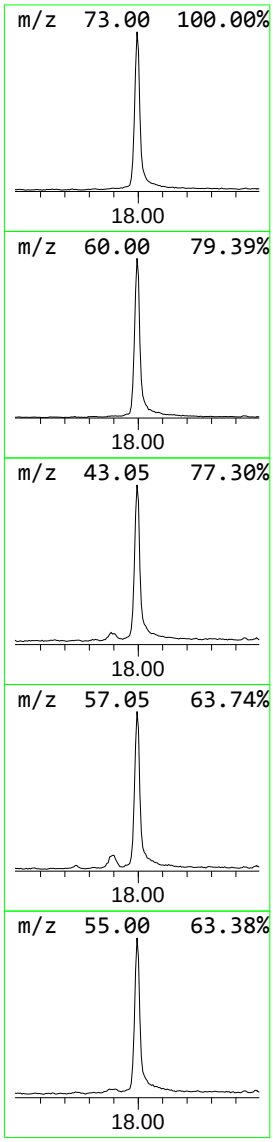
**********

Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.995 | 28.08 ng | 2784330 | Phenanthrene-d10 | 17.048 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 93 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 93 |
| 4 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 70 |
| 5 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 60 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024874.D
Acq On : 09 Jun 2025 12:50
Operator : RC/JU
Sample : Q2210-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

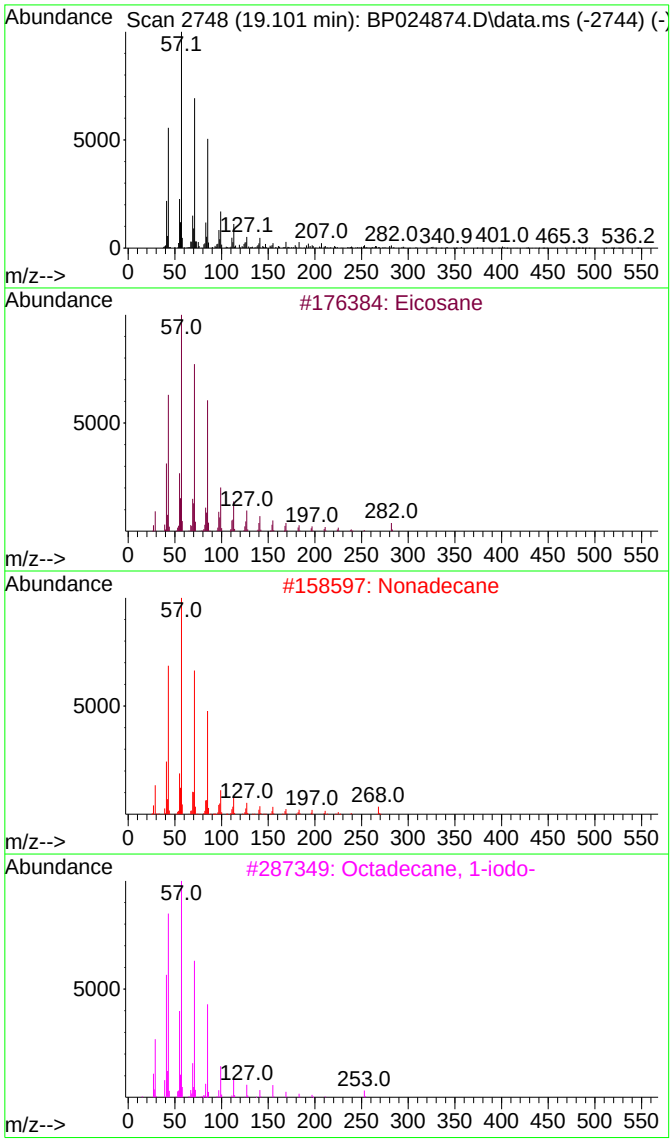
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

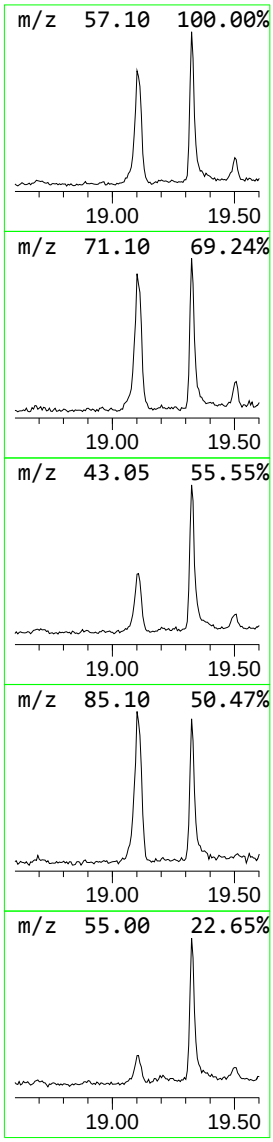
**********

Peak Number 4 Eicosane Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.101 | 3.21 ng | 318474 | Phenanthrene-d10 | 17.048 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane | 282 | C20H42 | 000112-95-8 | 97 |
| 2 | Nonadecane | 268 | C19H40 | 000629-92-5 | 93 |
| 3 | Octadecane, 1-iodo- | 380 | C18H37I | 000629-93-6 | 87 |
| 4 | Octadecane | 254 | C18H38 | 000593-45-3 | 87 |
| 5 | Octacosane | 394 | C28H58 | 000630-02-4 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024874.D
Acq On : 09 Jun 2025 12:50
Operator : RC/JU
Sample : Q2210-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

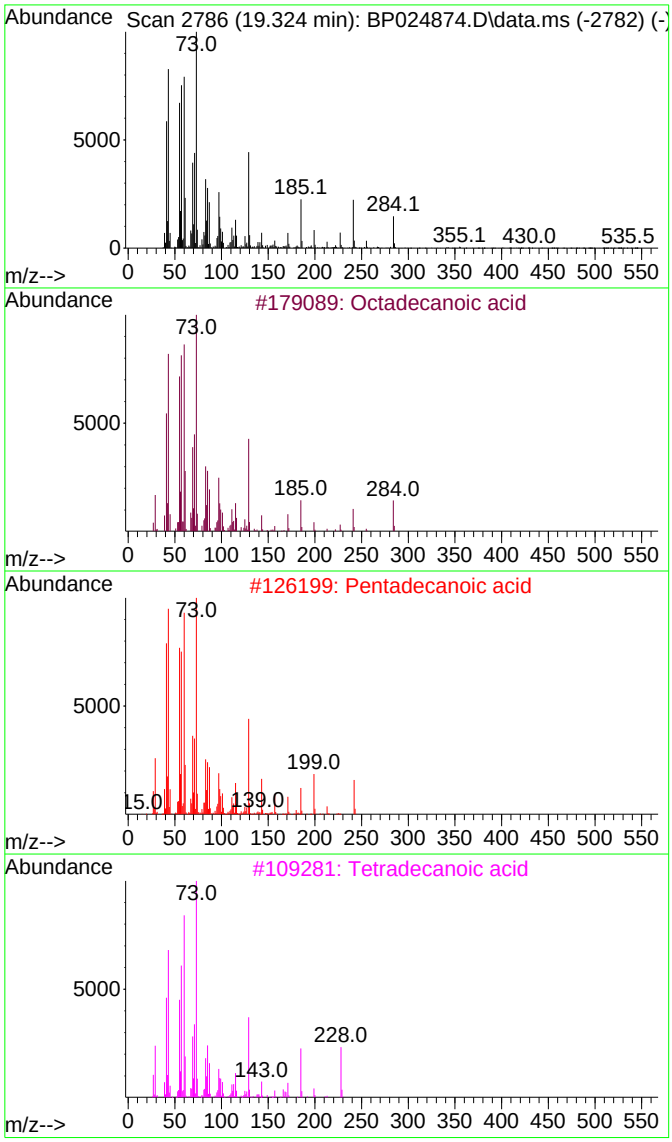
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

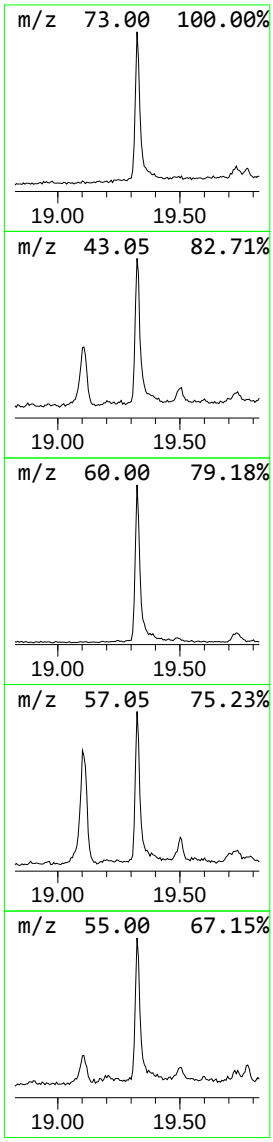
**********

Peak Number 5 Octadecanoic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.325 | 7.38 ng | 1037030 | Chrysene-d12 | 21.483 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 2 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 93 |
| 3 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 87 |
| 4 | Octadecanoic acid, 2-(2-hydroxye... | 372 | C22H44O4 | 000106-11-6 | 72 |
| 5 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024874.D
Acq On : 09 Jun 2025 12:50
Operator : RC/JU
Sample : Q2210-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

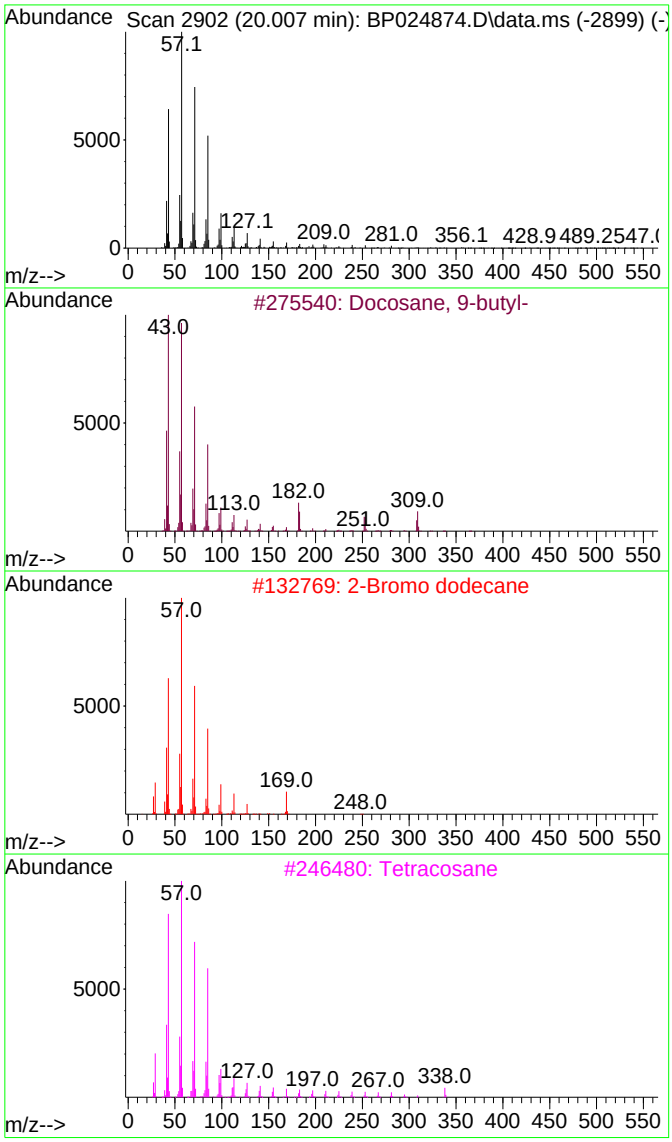
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

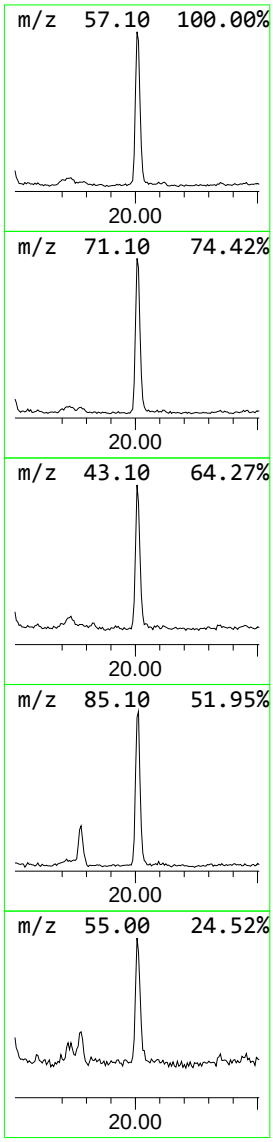
**********

Peak Number 6 Docosane, 9-butyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.007 | 3.50 ng | 492336 | Chrysene-d12 | 21.483 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Docosane, 9-butyl- | 366 | C26H54 | 055282-14-9 | 94 |
| 2 | 2-Bromo dodecane | 248 | C12H25Br | 013187-99-0 | 93 |
| 3 | Tetracosane | 338 | C24H50 | 000646-31-1 | 93 |
| 4 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 5 | 2-Methylpentacosane | 366 | C26H54 | 000629-87-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024874.D
Acq On : 09 Jun 2025 12:50
Operator : RC/JU
Sample : Q2210-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

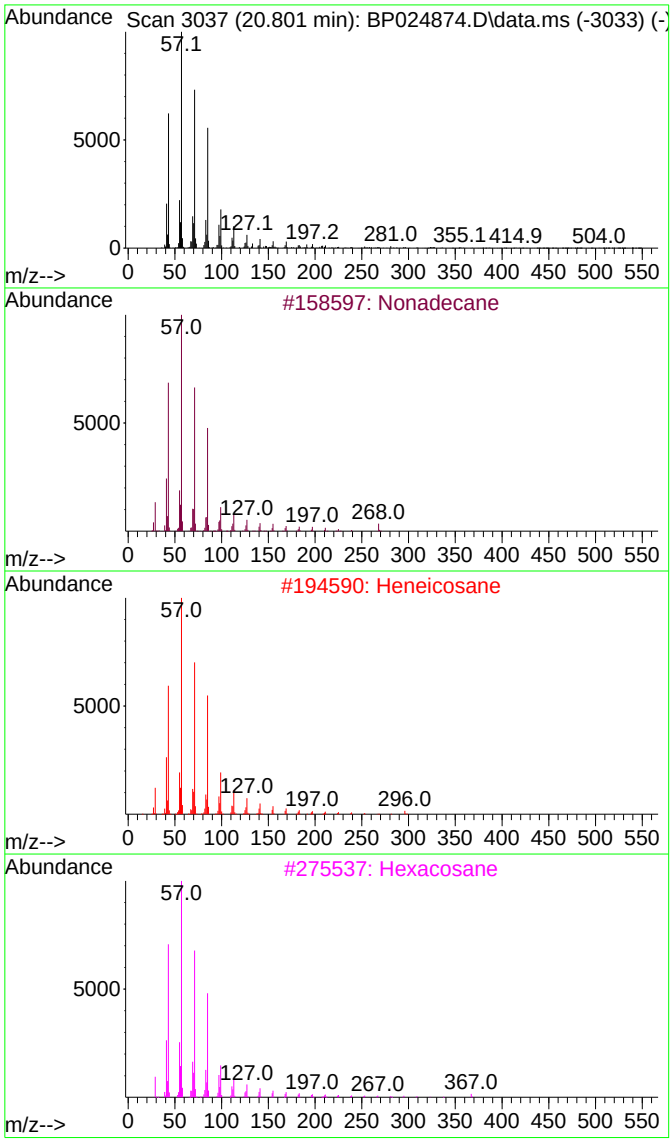
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

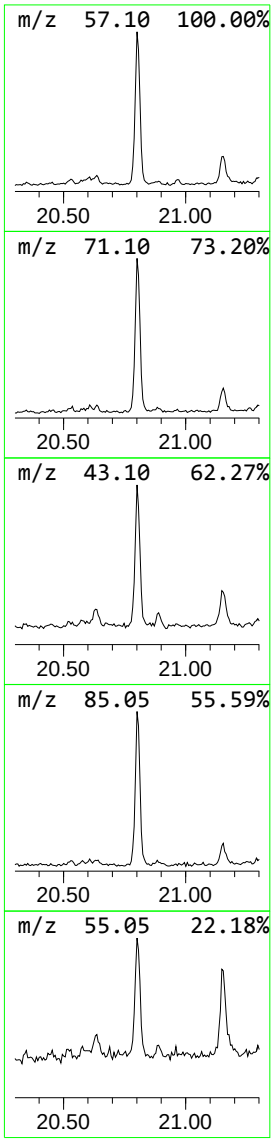
**********

Peak Number 7 Nonadecane Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.801 | 3.72 ng | 522797 | Chrysene-d12 | 21.483 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonadecane | 268 | C19H40 | 000629-92-5 | 95 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 3 | Hexacosane | 366 | C26H54 | 000630-01-3 | 91 |
| 4 | Heptadecane | 240 | C17H36 | 000629-78-7 | 91 |
| 5 | Tetracosane | 338 | C24H50 | 000646-31-1 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024874.D
Acq On : 09 Jun 2025 12:50
Operator : RC/JU
Sample : Q2210-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

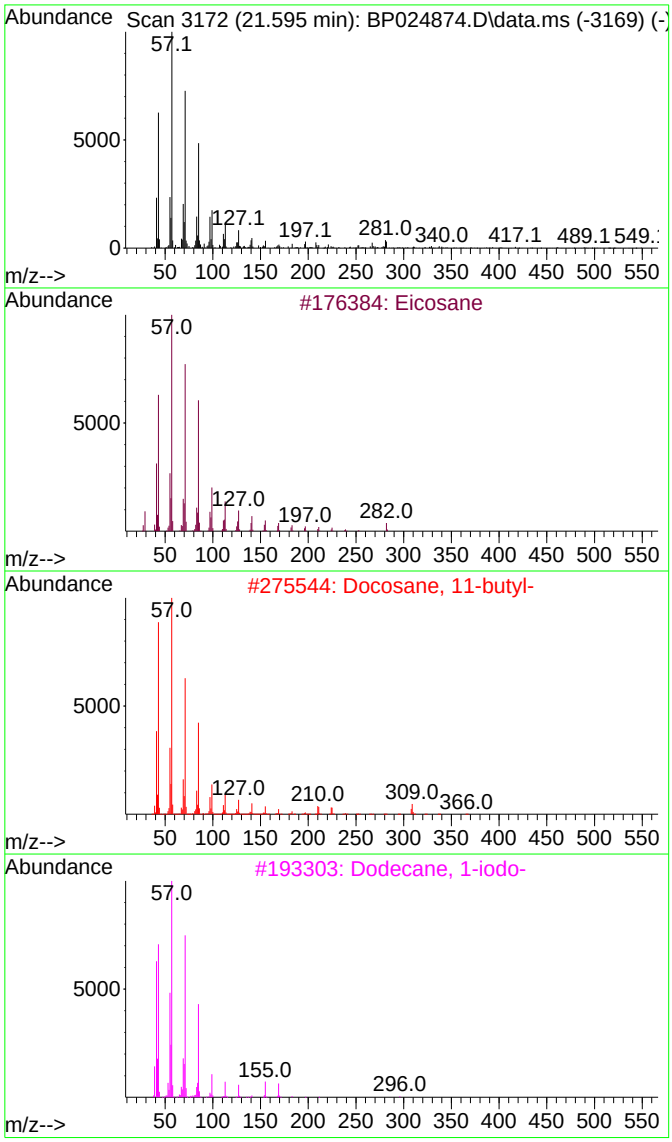
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

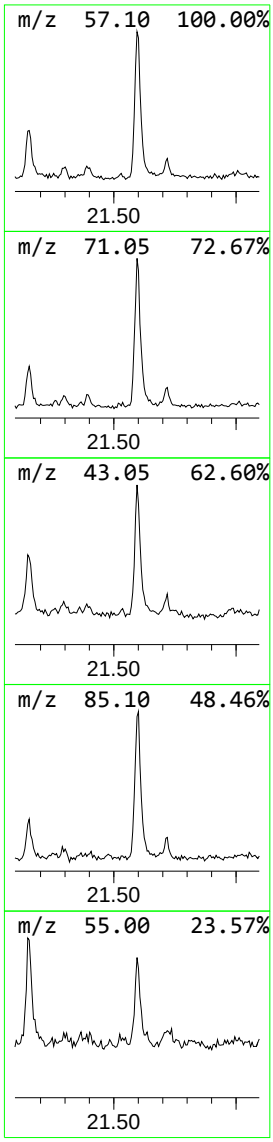
**********

Peak Number 8 Docosane, 11-butyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.595 | 2.12 ng | 297734 | Chrysene-d12 | 21.483 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane | 282 | C20H42 | 000112-95-8 | 93 |
| 2 | Docosane, 11-butyl- | 366 | C26H54 | 013475-76-8 | 93 |
| 3 | Dodecane, 1-iodo- | 296 | C12H25I | 004292-19-7 | 91 |
| 4 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 90 |
| 5 | Hexacosane | 366 | C26H54 | 000630-01-3 | 90 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024874.D
Acq On : 09 Jun 2025 12:50
Operator : RC/JU
Sample : Q2210-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| 2-Pentanone, 4-... | 4.772 | 3.8 | ng | 167560 | 1 | 7.607 | 874184 | 20.0 |
| Benzophenone | 15.631 | 3.4 | ng | 287969 | 3 | 14.242 | 1714080 | 20.0 |
| n-Hexadecanoic ... | 17.995 | 28.1 | ng | 2784330 | 4 | 17.048 | 1983400 | 20.0 |
| Eicosane | 19.101 | 3.2 | ng | 318474 | 4 | 17.048 | 1983400 | 20.0 |
| Octadecanoic acid | 19.325 | 7.4 | ng | 1037030 | 5 | 21.483 | 2810740 | 20.0 |
| Docosane, 9-butyl- | 20.007 | 3.5 | ng | 492336 | 5 | 21.483 | 2810740 | 20.0 |
| Nonadecane | 20.801 | 3.7 | ng | 522797 | 5 | 21.483 | 2810740 | 20.0 |
| Docosane, 11-bu... | 21.595 | 2.1 | ng | 297734 | 5 | 21.483 | 2810740 | 20.0 |

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024872.D
Acq On : 09 Jun 2025 11:24
Operator : RC/JU
Sample : PB168323BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PB168323BL

Quant Time: Jun 09 12:31:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

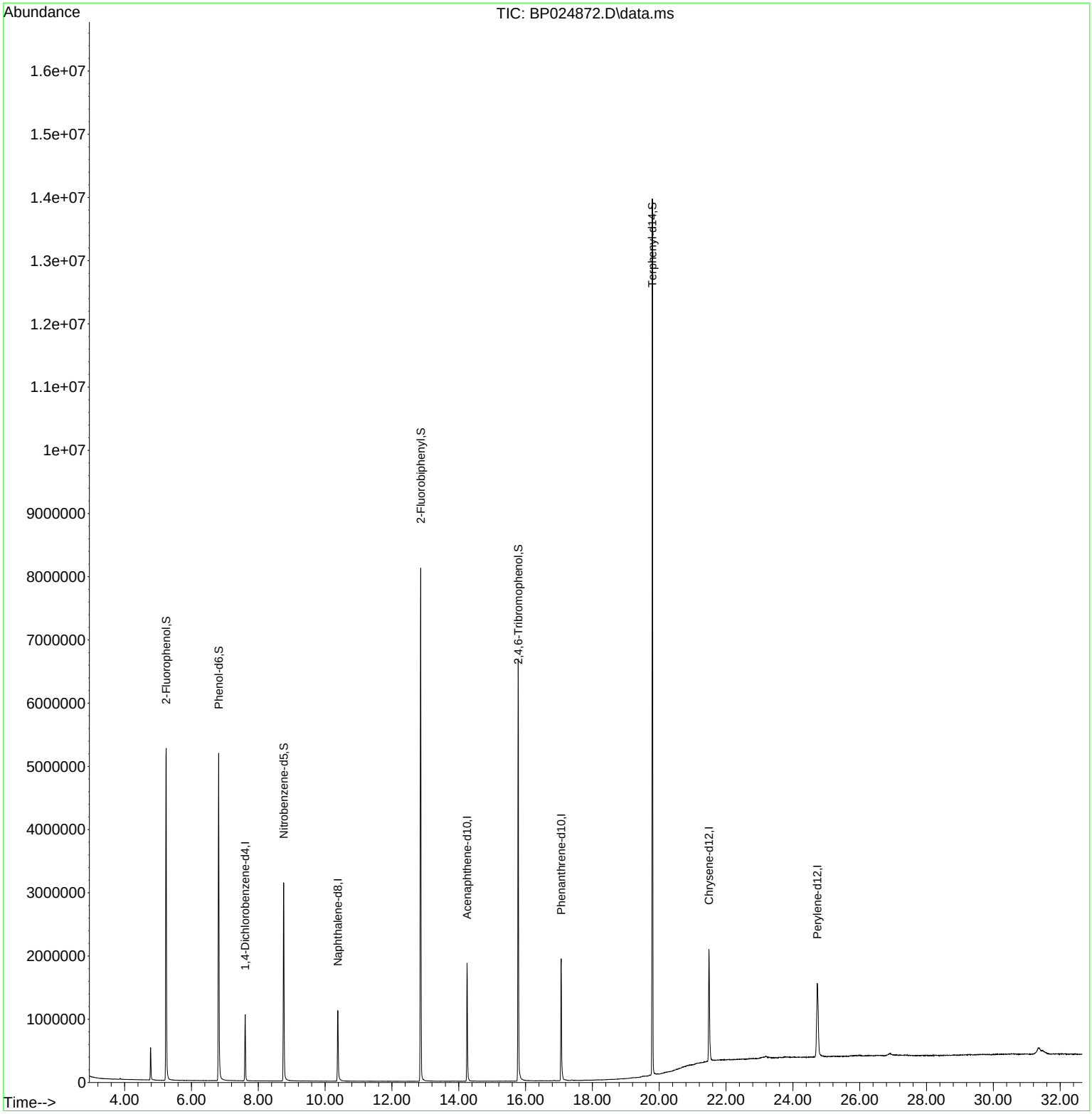
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.608 | 152 | 278652 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.378 | 136 | 1083873 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.248 | 164 | 655689 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.066 | 188 | 1268484 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.489 | 240 | 1277128 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 24.730 | 264 | 1472674 | 20.000 | ng | 0.01 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.243 | 112 | 2436717 | 145.966 | ng | 0.00 |
| 7) Phenol-d6 | 6.814 | 99 | 3036491 | 137.475 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.760 | 82 | 1900527 | 85.206 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.784 | 330 | 1295397 | 142.897 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.860 | 172 | 4102972 | 84.296 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.795 | 244 | 6423595 | 90.145 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |

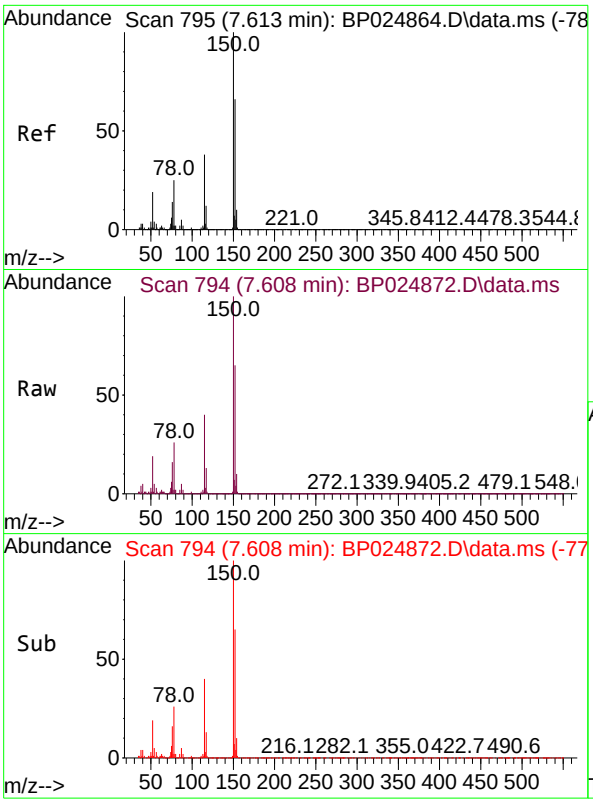
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024872.D
Acq On : 09 Jun 2025 11:24
Operator : RC/JU
Sample : PB168323BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PB168323BL

Quant Time: Jun 09 12:31:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration



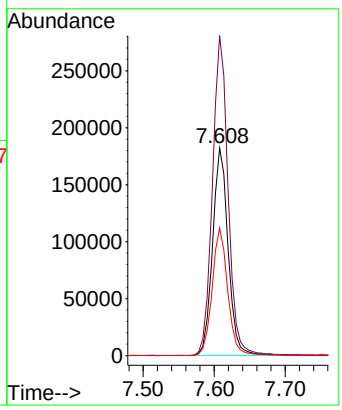


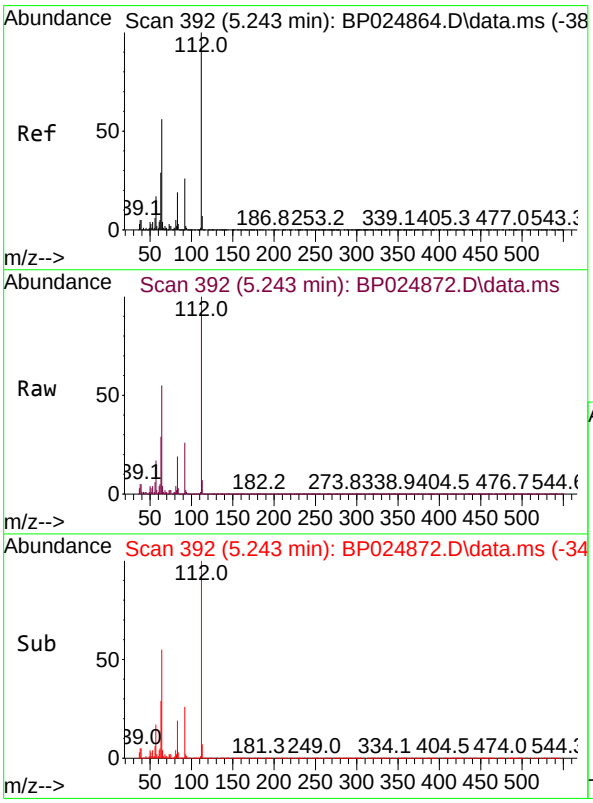

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 79
Delta R.T. -0.005 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

**Instrument :**
BNA_P
**ClientSampleId :**
PB168323BL

Tgt Ion:152 Resp: 278652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.2 | 122.1 | 183.1 |
| 115 | 61.5 | 46.4 | 69.6 |

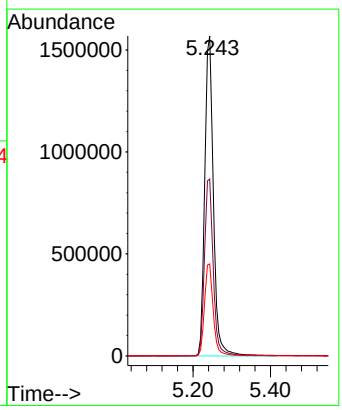


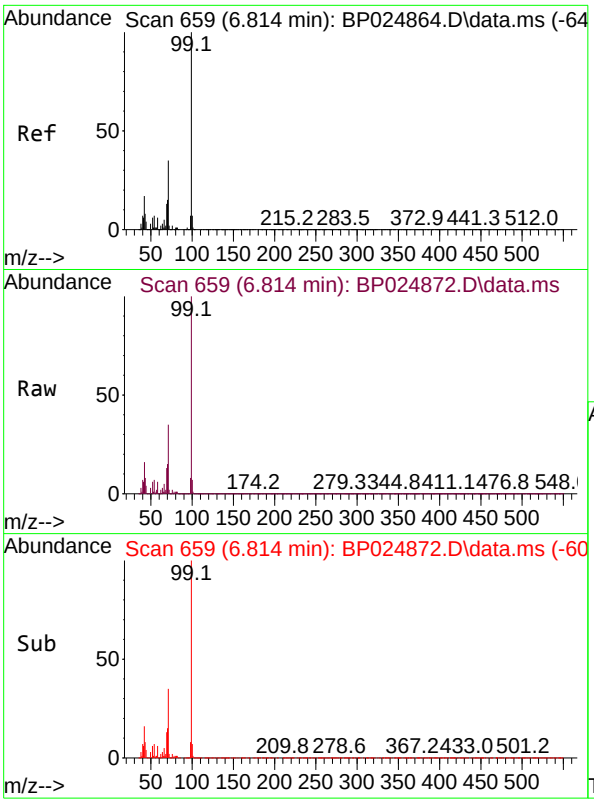




#5
2-Fluorophenol
Concen: 145.966 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

Tgt Ion:112 Resp: 2436717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.3 | 44.7 | 67.1 |
| 63 | 28.7 | 23.5 | 35.3 |



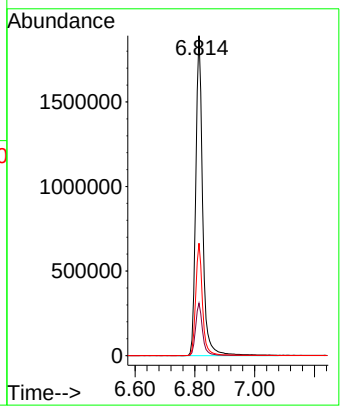


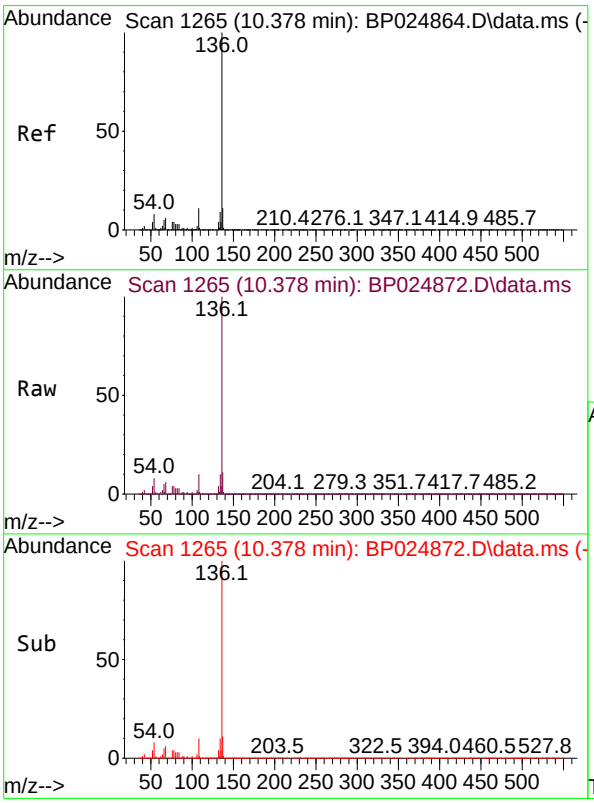

#7
Phenol-d6
Concen: 137.475 ng
RT: 6.814 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

**Instrument :**
BNA_P
**ClientSampleId :**
PB168323BL

Tgt Ion: 99 Resp: 3036491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.4 | 13.4 | 20.2 |
| 71 | 35.1 | 27.6 | 41.4 |

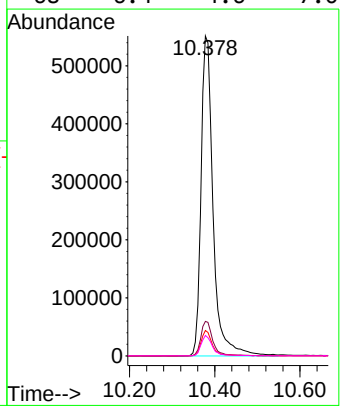


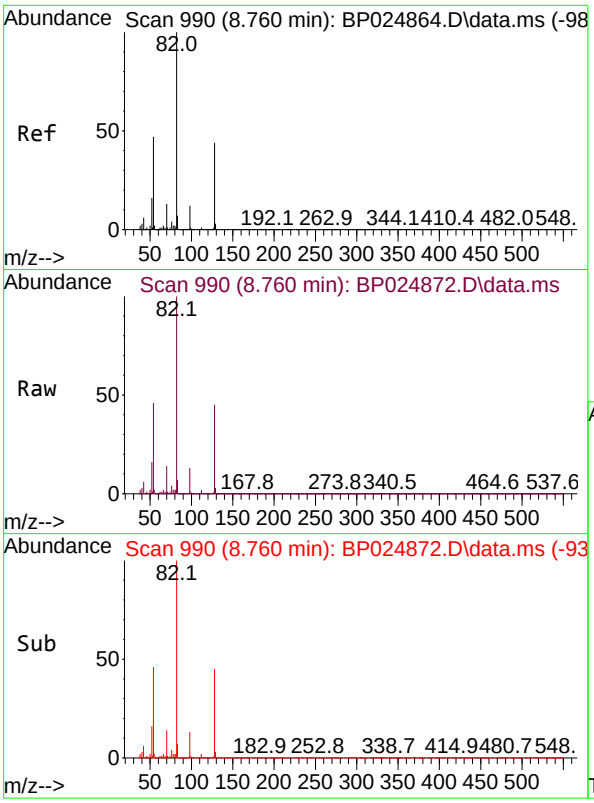




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

Tgt Ion:136 Resp: 1083873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.9 | 13.3 |
| 54 | 7.9 | 6.1 | 9.1 |
| 68 | 6.4 | 4.6 | 7.0 |



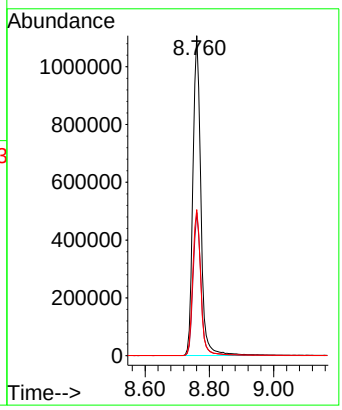


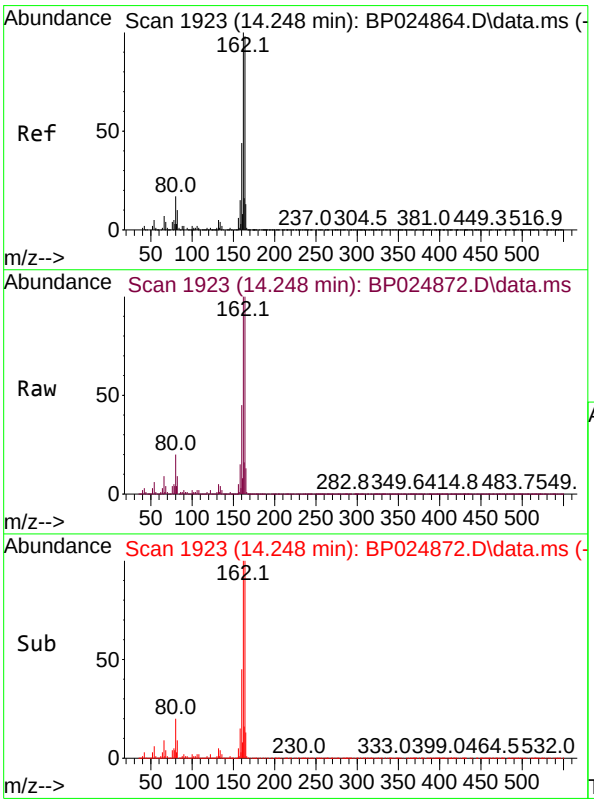

#23
Nitrobenzene-d5
Concen: 85.206 ng
RT: 8.760 min Scan# 99
Delta R.T. -0.000 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

**Instrument :**
BNA_P
**ClientSampleId :**
PB168323BL

Tgt Ion: 82 Resp: 1900527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.7 | 35.3 | 52.9 |
| 54 | 45.6 | 37.4 | 56.0 |

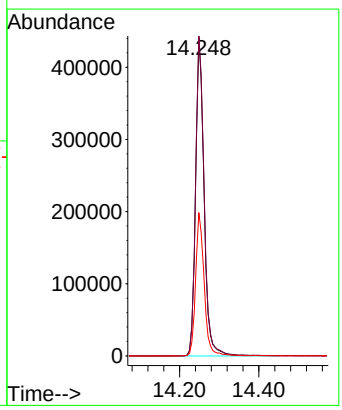


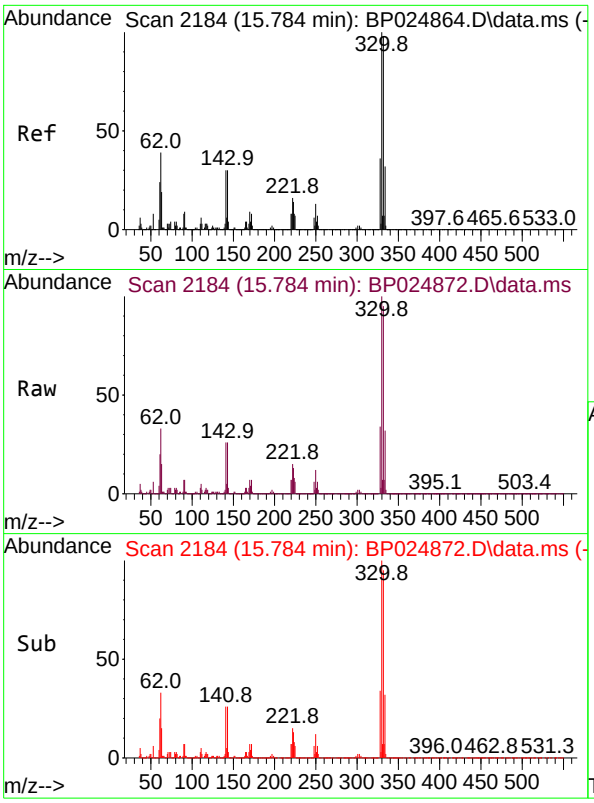




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

Tgt Ion:164 Resp: 655689

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.4 | 81.6 | 122.4 |
| 160 | 44.9 | 36.2 | 54.2 |



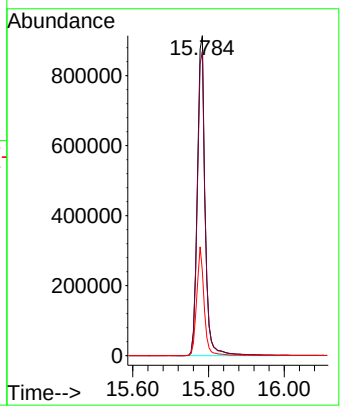


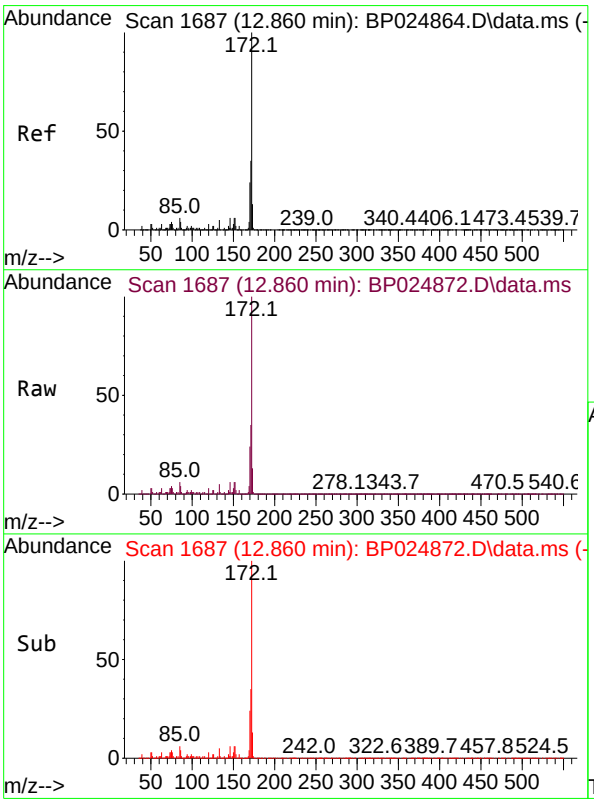

#42
2,4,6-Tribromophenol
Concen: 142.897 ng
RT: 15.784 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

**Instrument :**
BNA_P
**ClientSampleId :**
PB168323BL

Tgt Ion:330 Resp: 1295397

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.2 | 77.7 | 116.5 |
| 141 | 32.3 | 26.4 | 39.6 |

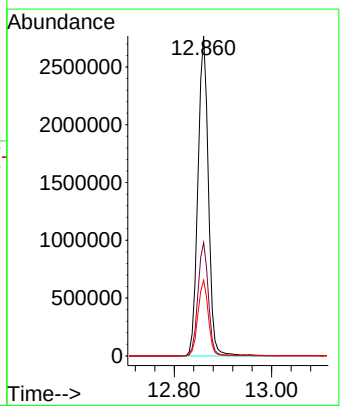


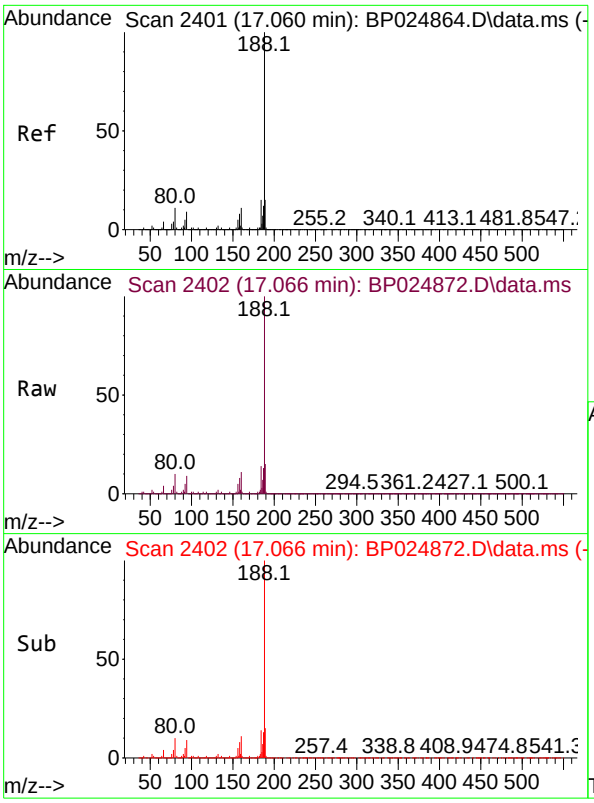




#45
2-Fluorobiphenyl
Concen: 84.296 ng
RT: 12.860 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

Tgt Ion:172 Resp: 4102972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.4 | 28.3 | 42.5 |
| 170 | 23.6 | 19.0 | 28.4 |



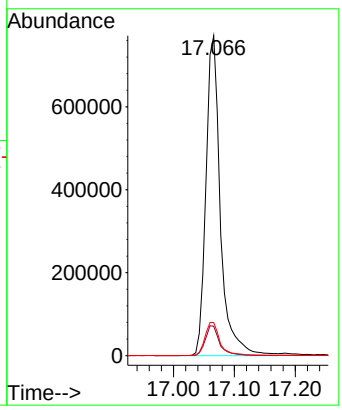


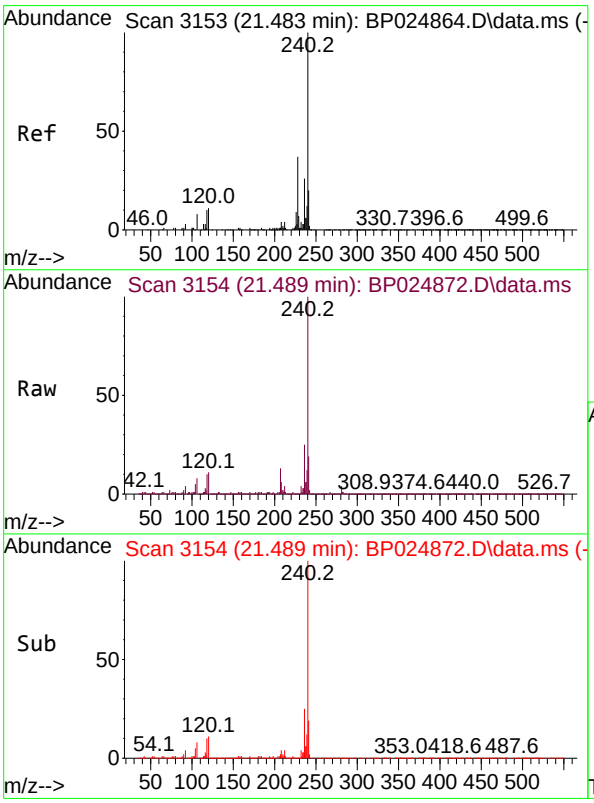

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.066 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

**Instrument :**
BNA_P
**ClientSampleId :**
PB168323BL

Tgt Ion:188 Resp: 1268484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.2 | 7.3 | 10.9 |
| 80 | 10.3 | 8.5 | 12.7 |

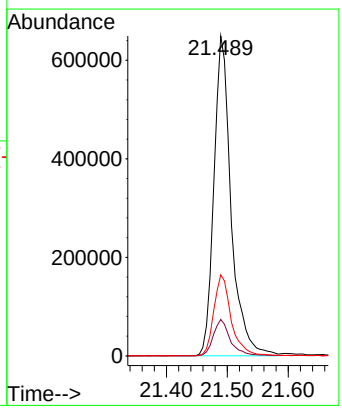


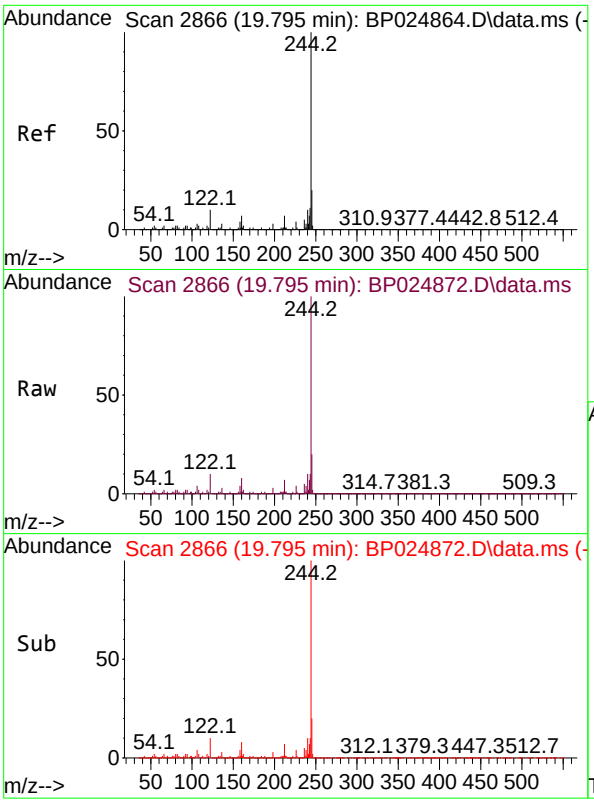




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3154
Delta R.T. 0.006 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

Tgt Ion:240 Resp: 1277128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.4 | 8.9 | 13.3 |
| 236 | 25.3 | 20.9 | 31.3 |



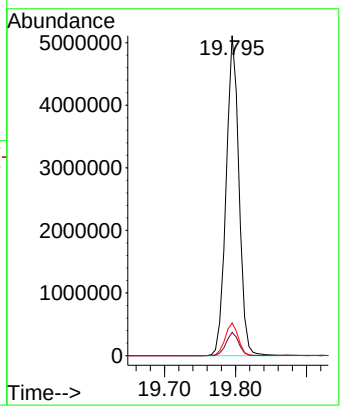


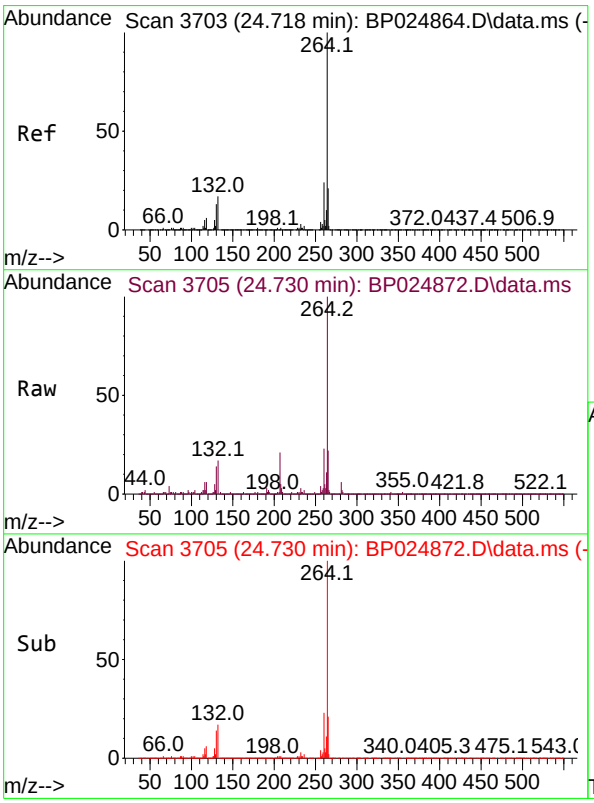

#79
Terphenyl-d14
Concen: 90.145 ng
RT: 19.795 min Scan# 28
Delta R.T. -0.000 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

**Instrument :**
BNA_P
**ClientSampleId :**
PB168323BL

Tgt Ion:244 Resp: 6423595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.3 | 5.6 | 8.4 |
| 122 | 10.2 | 7.7 | 11.5 |

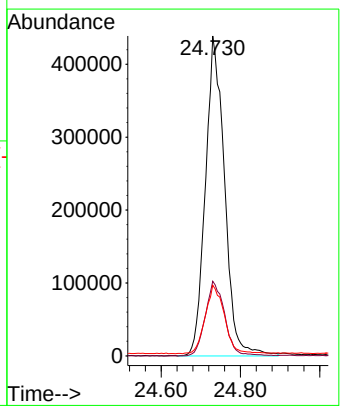



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.730 min Scan# 3705
Delta R.T. 0.012 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

Tgt Ion:264 Resp: 1472674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.3 | 19.0 | 28.4 |
| 265 | 22.1 | 17.4 | 26.0 |



LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024872.D
Acq On : 09 Jun 2025 11:24
Operator : RC/JU
Sample : PB168323BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PB168323BL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024872.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.778 | 308 | 313 | 326 | rBV | 510577 | 718345 | 4.10% | 0.915% |
| 2 | 5.243 | 385 | 392 | 419 | rBV | 5252634 | 8227174 | 46.92% | 10.484% |
| 3 | 6.814 | 652 | 659 | 680 | rBV | 5181034 | 8289401 | 47.27% | 10.563% |
| 4 | 7.608 | 787 | 794 | 814 | rBV | 1050014 | 1608526 | 9.17% | 2.050% |
| 5 | 8.760 | 980 | 990 | 1017 | rBV | 3138266 | 5402410 | 30.81% | 6.884% |
| 6 | 10.378 | 1258 | 1265 | 1287 | rBV | 1117329 | 2188080 | 12.48% | 2.788% |
| 7 | 12.860 | 1680 | 1687 | 1700 | rBV | 8116404 | 11956272 | 68.18% | 15.236% |
| 8 | 14.248 | 1915 | 1923 | 1940 | rBV | 1870333 | 2816175 | 16.06% | 3.589% |
| 9 | 15.778 | 2175 | 2183 | 2203 | rBV | 6677976 | 9467932 | 53.99% | 12.065% |
| 10 | 17.066 | 2395 | 2402 | 2418 | rBV2 | 1929882 | 3204288 | 18.27% | 4.083% |
| 11 | 19.795 | 2859 | 2866 | 2877 | rBV | 13858273 | 17536338 | 100.00% | 22.347% |
| 12 | 21.489 | 3148 | 3154 | 3165 | rBV2 | 1767894 | 3429892 | 19.56% | 4.371% |
| 13 | 24.730 | 3697 | 3705 | 3722 | rVB | 1140049 | 3628218 | 20.69% | 4.624% |

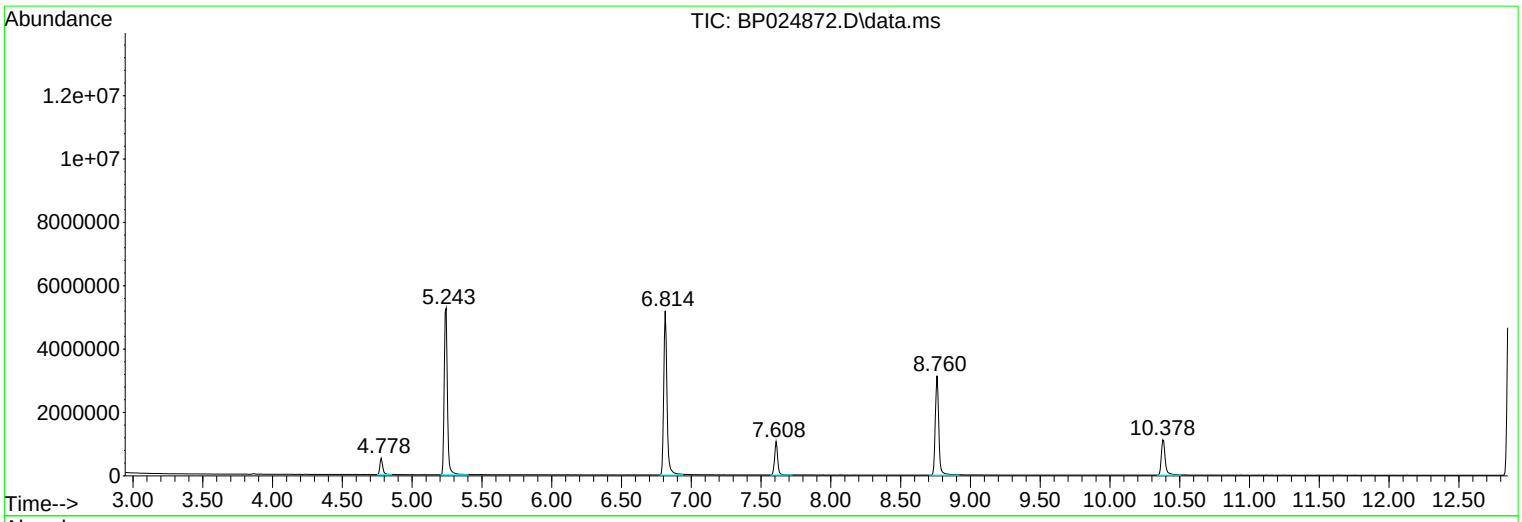
Sum of corrected areas: 78473051

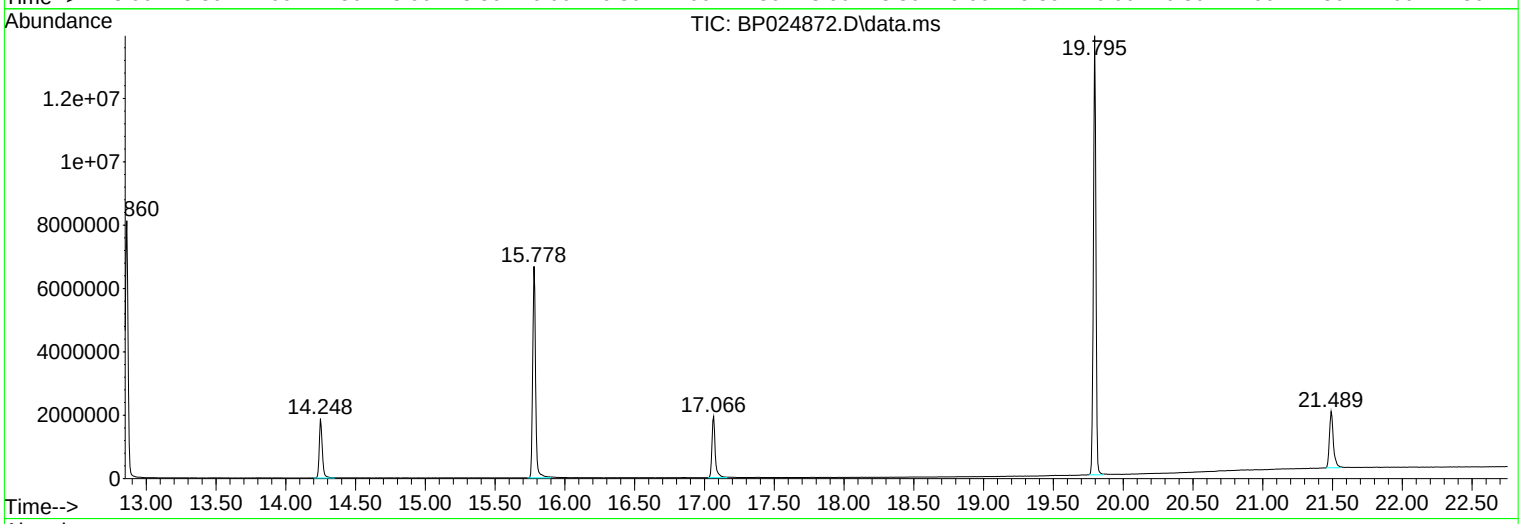
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024872.D
Acq On : 09 Jun 2025 11:24
Operator : RC/JU
Sample : PB168323BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

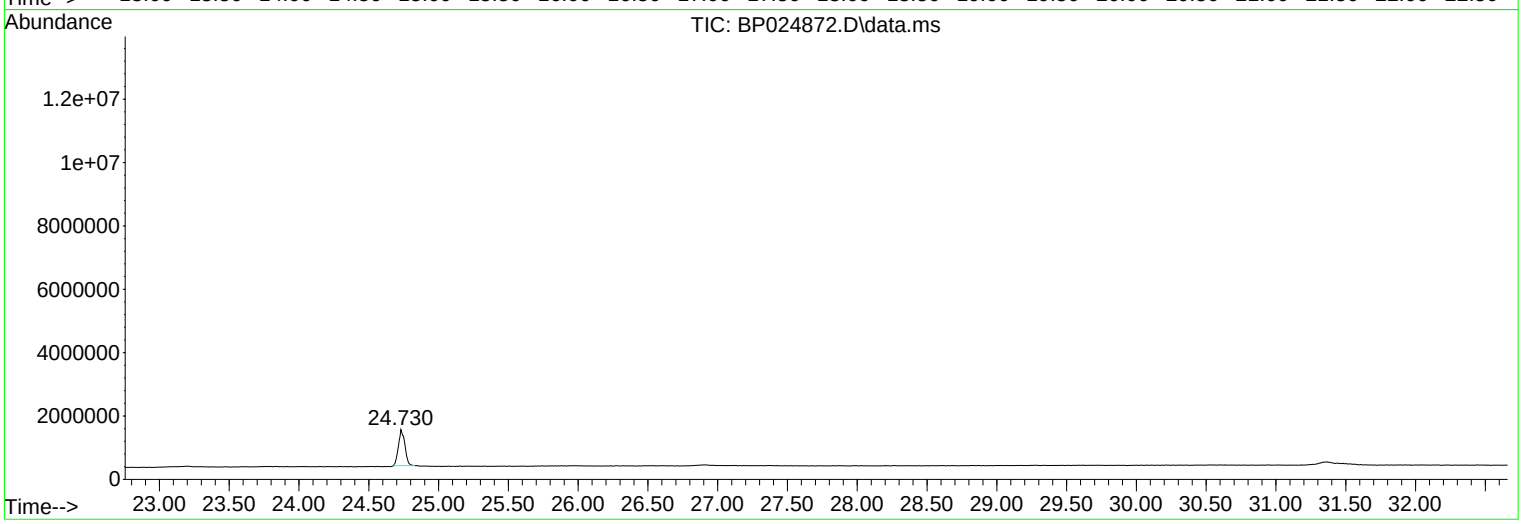
**Instrument :**
BNA_P
**ClientSampleId :**
PB168323BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024872.D
Acq On : 09 Jun 2025 11:24
Operator : RC/JU
Sample : PB168323BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PB168323BL

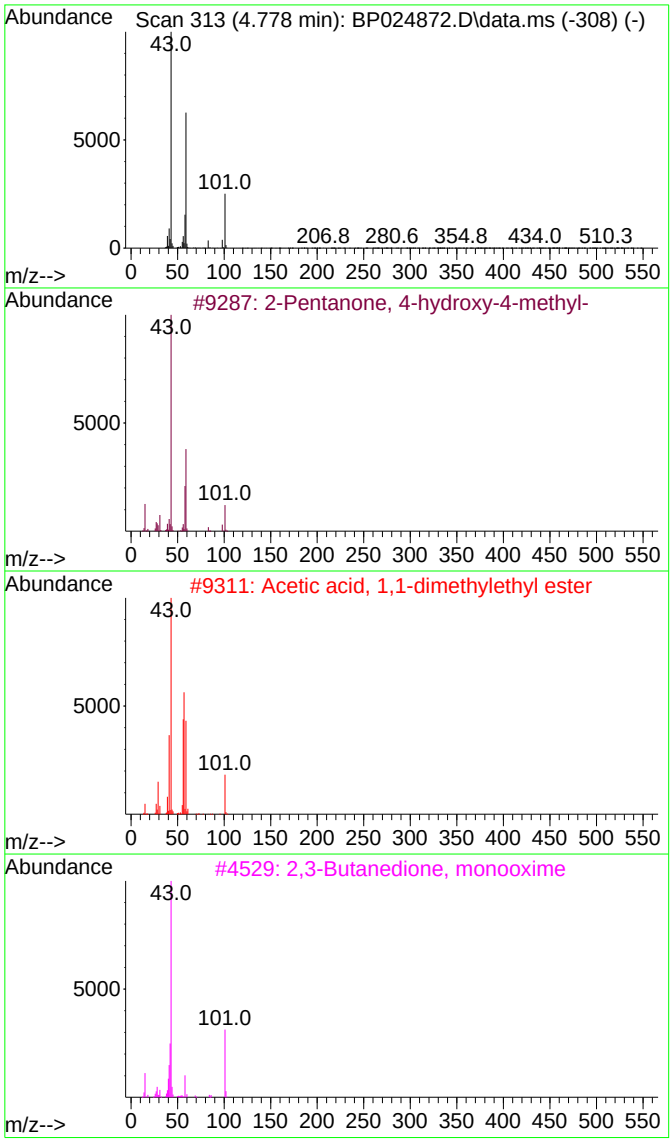
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

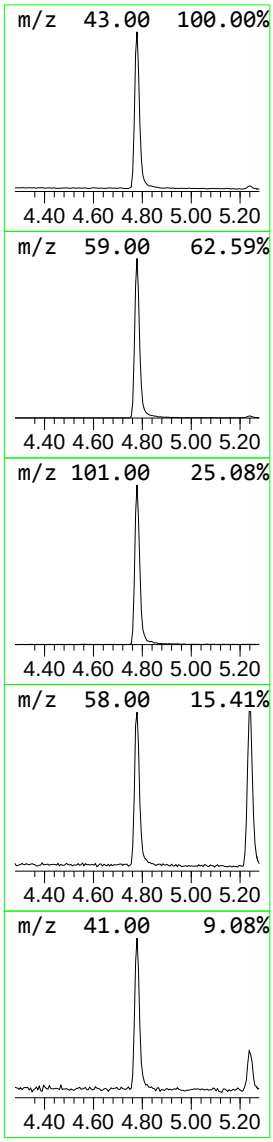
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.778 | 8.93 ng | 718345 | 1,4-Dichlorobenzene-d4 | 7.608 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 56 |
| 2 | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 38 |
| 3 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 17 |
| 4 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 17 |
| 5 | Morpholine, 4-methyl- | 101 | C5H11NO | 000109-02-4 | 9 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024872.D
Acq On : 09 Jun 2025 11:24
Operator : RC/JU
Sample : PB168323BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PB168323BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| 2-Pentanone, 4-... | 4.778 | 8.9 | ng | 718345 | 1 | 7.608 | 1608530 | 20.0 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024873.D
Acq On : 09 Jun 2025 12:05
Operator : RC/JU
Sample : PB168323BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PB168323BS

Quant Time: Jun 09 12:32:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.608 | 152 | 251786 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.378 | 136 | 1016039 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.248 | 164 | 628283 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.060 | 188 | 1189376 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.483 | 240 | 1268867 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 24.724 | 264 | 1547954 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.243 | 112 | 2150315 | 142.554 | ng | 0.00 |
| 7) Phenol-d6 | 6.819 | 99 | 2717026 | 136.137 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.760 | 82 | 1661117 | 79.445 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.778 | 330 | 1140597 | 131.309 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.854 | 172 | 3633814 | 77.914 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.777 | 244 | 5609281 | 79.230 | ng | -0.02 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.172 | 88 | 239942 | 36.151 | ng | 97 |
| 3) Pyridine | 3.567 | 79 | 632702 | 39.638 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.478 | 42 | 294319 | 45.102 | ng | 100 |
| 6) Aniline | 6.955 | 93 | 816918 | 32.074 | ng | 100 |
| 8) 2-Chlorophenol | 7.190 | 128 | 832660 | 48.694 | ng | 98 |
| 9) Benzaldehyde | 6.766 | 77 | 414614 | 36.042 | ng | 98 |
| 10) Phenol | 6.843 | 94 | 1008585 | 49.021 | ng | 99 |
| 11) bis(2-Chloroethyl)ether | 7.043 | 93 | 726397 | 44.889 | ng | 97 |
| 12) 1,3-Dichlorobenzene | 7.502 | 146 | 833695 | 43.703 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 7.649 | 146 | 840877 | 43.687 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.955 | 146 | 821435 | 43.460 | ng | 99 |
| 15) Benzyl Alcohol | 7.860 | 79 | 691313 | 45.133 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.131 | 45 | 912010 | 43.060 | ng | 100 |
| 17) 2-Methylphenol | 8.072 | 107 | 681305 | 47.420 | ng | 99 |
| 18) Hexachloroethane | 8.666 | 117 | 317537 | 43.819 | ng | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.413 | 70 | 568500 | 41.901 | ng | 99 |
| 20) 3+4-Methylphenols | 8.396 | 107 | 915040 | 46.681 | ng | 96 |
| 22) Acetophenone | 8.431 | 105 | 1160850 | 45.221 | ng | 98 |
| 24) Nitrobenzene | 8.802 | 77 | 859288 | 46.259 | ng | 100 |
| 25) Isophorone | 9.325 | 82 | 1564267 | 43.167 | ng | 100 |
| 26) 2-Nitrophenol | 9.507 | 139 | 433908 | 47.343 | ng | 100 |
| 27) 2,4-Dimethylphenol | 9.578 | 122 | 754390 | 48.094 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.796 | 93 | 977653 | 45.227 | ng | 99 |
| 29) 2,4-Dichlorophenol | 10.054 | 162 | 741425 | 49.263 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.243 | 180 | 756797 | 44.582 | ng | 100 |
| 31) Naphthalene | 10.431 | 128 | 2358732 | 45.301 | ng | 99 |
| 32) Benzoic acid | 9.766 | 122 | 501882 | 47.349 | ng | 99 |
| 33) 4-Chloroaniline | 10.554 | 127 | 443141 | 20.314 | ng | 99 |
| 34) Hexachlorobutadiene | 10.707 | 225 | 459112 | 44.873 | ng | 99 |
| 35) Caprolactam | 11.349 | 113 | 252952 | 45.658 | ng | 92 |
| 36) 4-Chloro-3-methylphenol | 11.696 | 107 | 820968 | 47.292 | ng | 100 |
| 37) 2-Methylnaphthalene | 12.048 | 142 | 1487861 | 45.048 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.266 | 142 | 1560851 | 44.203 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.419 | 216 | 822077 | 46.112 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 12.390 | 237 | 1097762 | 100.954 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 12.678 | 196 | 577250 | 48.214 | ng | 98 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024873.D
Acq On : 09 Jun 2025 12:05
Operator : RC/JU
Sample : PB168323BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PB168323BS

Quant Time: Jun 09 12:32:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

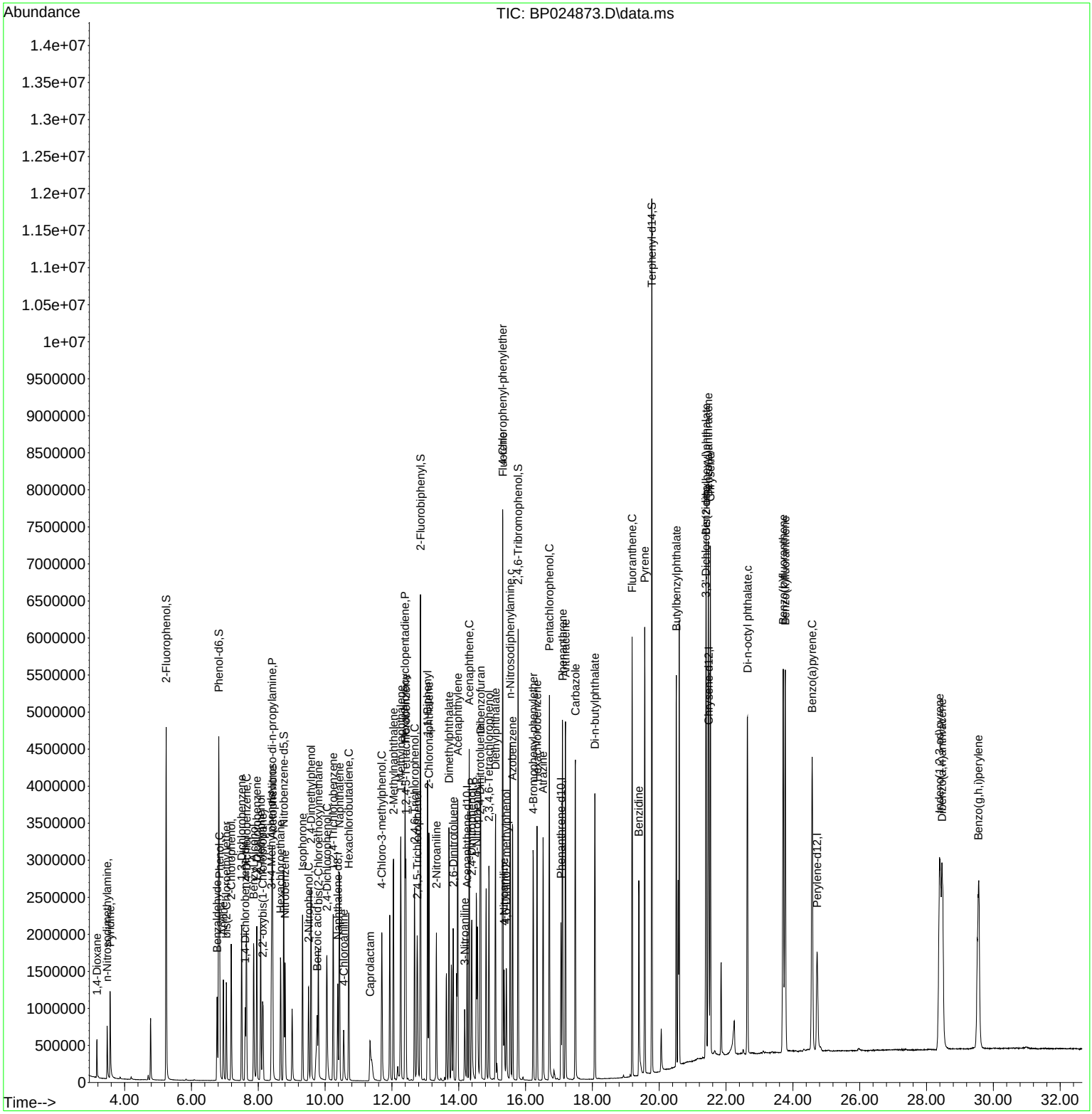
| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.760 | 196 | 635990 | 49.602 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.066 | 154 | 2093200 | 45.844 | ng | | 100 |
| 47) 2-Chloronaphthalene | 13.107 | 162 | 1620819 | 46.187 | ng | | 99 |
| 48) 2-Nitroaniline | 13.331 | 65 | 521042 | 48.295 | ng | | 99 |
| 49) Acenaphthylene | 13.972 | 152 | 2661012 | 45.478 | ng | | 100 |
| 50) Dimethylphthalate | 13.707 | 163 | 2077480 | 44.824 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 13.837 | 165 | 461134 | 46.153 | ng | | 100 |
| 52) Acenaphthene | 14.313 | 154 | 1516438 | 45.227 | ng | | 99 |
| 53) 3-Nitroaniline | 14.178 | 138 | 268082 | 25.855 | ng | | 92 |
| 54) 2,4-Dinitrophenol | 14.390 | 184 | 594890 | 90.641 | ng | | 98 |
| 55) Dibenzofuran | 14.654 | 168 | 2381540 | 44.250 | ng | | 97 |
| 56) 4-Nitrophenol | 14.531 | 139 | 809101 | 91.350 | ng | | 97 |
| 57) 2,4-Dinitrotoluene | 14.637 | 165 | 656655 | 46.983 | ng | | 97 |
| 58) Fluorene | 15.319 | 166 | 1942620 | 44.681 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.901 | 232 | 537424 | 46.912 | ng | | 100 |
| 60) Diethylphthalate | 15.101 | 149 | 2045901 | 44.293 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.313 | 204 | 938236 | 44.135 | ng | | 99 |
| 62) 4-Nitroaniline | 15.360 | 138 | 424134 | 45.113 | ng | | 98 |
| 63) Azobenzene | 15.607 | 77 | 1915956 | 45.227 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.425 | 198 | 378653 | 48.450 | ng | | 94 |
| 66) n-Nitrosodiphenylamine | 15.542 | 169 | 1726506 | 46.833 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.231 | 248 | 614107 | 45.760 | ng | | 98 |
| 68) Hexachlorobenzene | 16.342 | 284 | 742281 | 45.626 | ng | | 100 |
| 69) Atrazine | 16.525 | 200 | 624545 | 46.732 | ng | | 99 |
| 70) Pentachlorophenol | 16.713 | 266 | 905521 | 107.544 | ng | | 99 |
| 71) Phenanthrene | 17.107 | 178 | 3008256 | 45.769 | ng | | 99 |
| 72) Anthracene | 17.195 | 178 | 3062015 | 46.000 | ng | | 100 |
| 73) Carbazole | 17.489 | 167 | 2922226 | 47.362 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.072 | 149 | 3522628 | 46.080 | ng | | 100 |
| 75) Fluoranthene | 19.189 | 202 | 3495628 | 45.886 | ng | | 100 |
| 77) Benzidine | 19.389 | 184 | 1601949 | 40.763 | ng | | 100 |
| 78) Pyrene | 19.566 | 202 | 3666214 | 46.249 | ng | | 100 |
| 80) Butylbenzylphthalate | 20.513 | 149 | 1686399 | 46.444 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.472 | 228 | 3780920 | 46.589 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.395 | 252 | 850267 | 26.391 | ng | | 97 |
| 83) Chrysene | 21.530 | 228 | 3570095 | 46.428 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.407 | 149 | 2473280 | 47.541 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.642 | 149 | 4412263 | 48.117 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 28.389 | 276 | 5348458 | 47.356 | ng | # | 93 |
| 88) Benzo(b)fluoranthene | 23.713 | 252 | 4190360 | 47.301 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 23.771 | 252 | 4281583 | 47.480 | ng | | 100 |
| 90) Benzo(a)pyrene | 24.577 | 252 | 4126678 | 47.699 | ng | | 100 |
| 91) Dibenzo(a,h)anthracene | 28.465 | 278 | 4377382 | 47.615 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 29.553 | 276 | 4343110 | 47.614 | ng | | 99 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024873.D
Acq On : 09 Jun 2025 12:05
Operator : RC/JU
Sample : PB168323BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PB168323BS

Quant Time: Jun 09 12:32:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024879.D
Acq On : 09 Jun 2025 16:14
Operator : RC/JU
Sample : Q2230-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 09 16:37:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
GW-MW01-060425MS

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.608 | 152 | 226271 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.372 | 136 | 937705 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.248 | 164 | 608220 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.042 | 188 | 1235201 | 20.000 | ng | | -0.02 |
| 76) Chrysene-d12 | 21.471 | 240 | 1490396 | 20.000 | ng | | -0.01 |
| 86) Perylene-d12 | 24.713 | 264 | 1839742 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.237 | 112 | 1074133 | 79.239 | ng | | 0.00 |
| 7) Phenol-d6 | 6.813 | 99 | 910001 | 50.737 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.755 | 82 | 1746878 | 90.525 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.766 | 330 | 1358561 | 161.561 | ng | | -0.02 |
| 45) 2-Fluorobiphenyl | 12.854 | 172 | 3865377 | 85.613 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.772 | 244 | 6686167 | 80.403 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.161 | 88 | 103583 | 17.366 | ng | | 98 |
| 3) Pyridine | 3.567 | 79 | 219668 | 15.314 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.472 | 42 | 133962 | 22.843 | ng | # | 97 |
| 6) Aniline | 6.949 | 93 | 639123 | 27.923 | ng | | 99 |
| 8) 2-Chlorophenol | 7.184 | 128 | 670519 | 43.633 | ng | | 99 |
| 9) Benzaldehyde | 6.761 | 77 | 392669 | 37.983 | ng | # | 78 |
| 10) Phenol | 6.837 | 94 | 339071 | 18.338 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 7.043 | 93 | 715637 | 49.210 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.496 | 146 | 416765 | 24.311 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 7.643 | 146 | 432880 | 25.026 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.949 | 146 | 451268 | 26.568 | ng | | 99 |
| 15) Benzyl Alcohol | 7.855 | 79 | 501705 | 36.448 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.119 | 45 | 819608 | 43.061 | ng | | 100 |
| 17) 2-Methylphenol | 8.066 | 107 | 478615 | 37.069 | ng | | 99 |
| 18) Hexachloroethane | 8.666 | 117 | 155606m | 23.894 | ng | | |
| 19) n-Nitroso-di-n-propyla... | 8.407 | 70 | 589747 | 48.369 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.390 | 107 | 696463 | 39.537 | ng | | 96 |
| 22) Acetophenone | 8.425 | 105 | 1270478 | 53.626 | ng | | 98 |
| 24) Nitrobenzene | 8.802 | 77 | 903653 | 52.712 | ng | | 100 |
| 25) Isophorone | 9.319 | 82 | 1657547 | 49.562 | ng | | 100 |
| 26) 2-Nitrophenol | 9.502 | 139 | 428106 | 50.612 | ng | | 100 |
| 27) 2,4-Dimethylphenol | 9.572 | 122 | 669434 | 46.243 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.796 | 93 | 999092 | 50.080 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 10.049 | 162 | 707035 | 50.902 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.243 | 180 | 516309 | 32.956 | ng | | 98 |
| 31) Naphthalene | 10.419 | 128 | 1968432 | 40.963 | ng | | 99 |
| 32) Benzoic acid | 9.731 | 122 | 287683 | 29.408 | ng | | 97 |
| 33) 4-Chloroaniline | 10.549 | 127 | 606221 | 30.111 | ng | | 100 |
| 34) Hexachlorobutadiene | 10.701 | 225 | 262066 | 27.754 | ng | | 99 |
| 35) Caprolactam | 11.384 | 113 | 57413 | 11.229 | ng | | 91 |
| 36) 4-Chloro-3-methylphenol | 11.696 | 107 | 778238 | 48.575 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.043 | 142 | 1423955 | 46.715 | ng | | 100 |
| 38) 1-Methylnaphthalene | 12.260 | 142 | 1532980 | 47.041 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.419 | 216 | 772203 | 44.743 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 12.390 | 237 | 634443 | 60.270 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 12.672 | 196 | 619974 | 53.491 | ng | | 99 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024879.D
Acq On : 09 Jun 2025 16:14
Operator : RC/JU
Sample : Q2230-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GW-MW01-060425MS

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

Quant Time: Jun 09 16:37:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.760 | 196 | 689722 | 55.567 | ng | | 99 |
| 46) 1,1'-Biphenyl | 13.066 | 154 | 2130271 | 48.195 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.113 | 162 | 1586923 | 46.713 | ng | | 99 |
| 48) 2-Nitroaniline | 13.331 | 65 | 513858 | 49.201 | ng | | 98 |
| 49) Acenaphthylene | 13.966 | 152 | 2758277 | 48.695 | ng | | 100 |
| 50) Dimethylphthalate | 13.707 | 163 | 2326607 | 51.855 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 13.831 | 165 | 520460 | 53.809 | ng | | 98 |
| 52) Acenaphthene | 14.313 | 154 | 1623696 | 50.024 | ng | | 100 |
| 53) 3-Nitroaniline | 14.172 | 138 | 327021 | 32.579 | ng | | 97 |
| 54) 2,4-Dinitrophenol | 14.390 | 184 | 631766 | 98.895 | ng | | 97 |
| 55) Dibenzofuran | 14.654 | 168 | 2632901 | 50.534 | ng | | 99 |
| 56) 4-Nitrophenol | 14.531 | 139 | 373587 | 46.400 | ng | | 96 |
| 57) 2,4-Dinitrotoluene | 14.637 | 165 | 781392 | 57.752 | ng | | 94 |
| 58) Fluorene | 15.313 | 166 | 2173195 | 51.633 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.895 | 232 | 614576 | 55.416 | ng | | 99 |
| 60) Diethylphthalate | 15.089 | 149 | 2433354 | 54.419 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.307 | 204 | 1058252 | 51.423 | ng | | 99 |
| 62) 4-Nitroaniline | 15.354 | 138 | 410751 | 45.131 | ng | | 92 |
| 63) Azobenzene | 15.607 | 77 | 2201630 | 53.685 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylph... | 15.413 | 198 | 417305 | 51.415 | ng | | 98 |
| 66) n-Nitrosodiphenylamine | 15.537 | 169 | 1925767 | 50.300 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 16.219 | 248 | 709283 | 50.892 | ng | | 99 |
| 68) Hexachlorobenzene | 16.336 | 284 | 866860 | 51.306 | ng | | 95 |
| 69) Atrazine | 16.513 | 200 | 769920 | 55.473 | ng | | 99 |
| 70) Pentachlorophenol | 16.701 | 266 | 1182979 | 135.284 | ng | | 99 |
| 71) Phenanthrene | 17.089 | 178 | 3521952 | 51.597 | ng | | 99 |
| 72) Anthracene | 17.183 | 178 | 3572743 | 51.681 | ng | | 100 |
| 73) Carbazole | 17.466 | 167 | 3563378 | 55.611 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.048 | 149 | 4450239 | 56.055 | ng | | 100 |
| 75) Fluoranthene | 19.172 | 202 | 4382489 | 55.394 | ng | | 99 |
| 77) Benzidine | 19.395 | 184 | 20413m | 0.442 | ng | | |
| 78) Pyrene | 19.542 | 202 | 4596154 | 49.362 | ng | | 100 |
| 80) Butylbenzylphthalate | 20.501 | 149 | 2325334 | 54.521 | ng | | 96 |
| 81) Benzo(a)anthracene | 21.448 | 228 | 4992990 | 52.380 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.377 | 252 | 694512 | 18.352 | ng | | 99 |
| 83) Chrysene | 21.519 | 228 | 4628895 | 51.249 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.383 | 149 | 3362786 | 55.031 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.624 | 149 | 6039039 | 56.069 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 28.395 | 276 | 7251483 | 54.022 | ng | # | 94 |
| 88) Benzo(b)fluoranthene | 23.695 | 252 | 5677984 | 53.928 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 23.760 | 252 | 5461372 | 50.958 | ng | | 99 |
| 90) Benzo(a)pyrene | 24.565 | 252 | 5342607 | 51.959 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 28.465 | 278 | 6032384 | 55.211 | ng | | 100 |
| 92) Benzo(g,h,i)perylene | 29.536 | 276 | 5867002 | 54.120 | ng | | 99 |

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

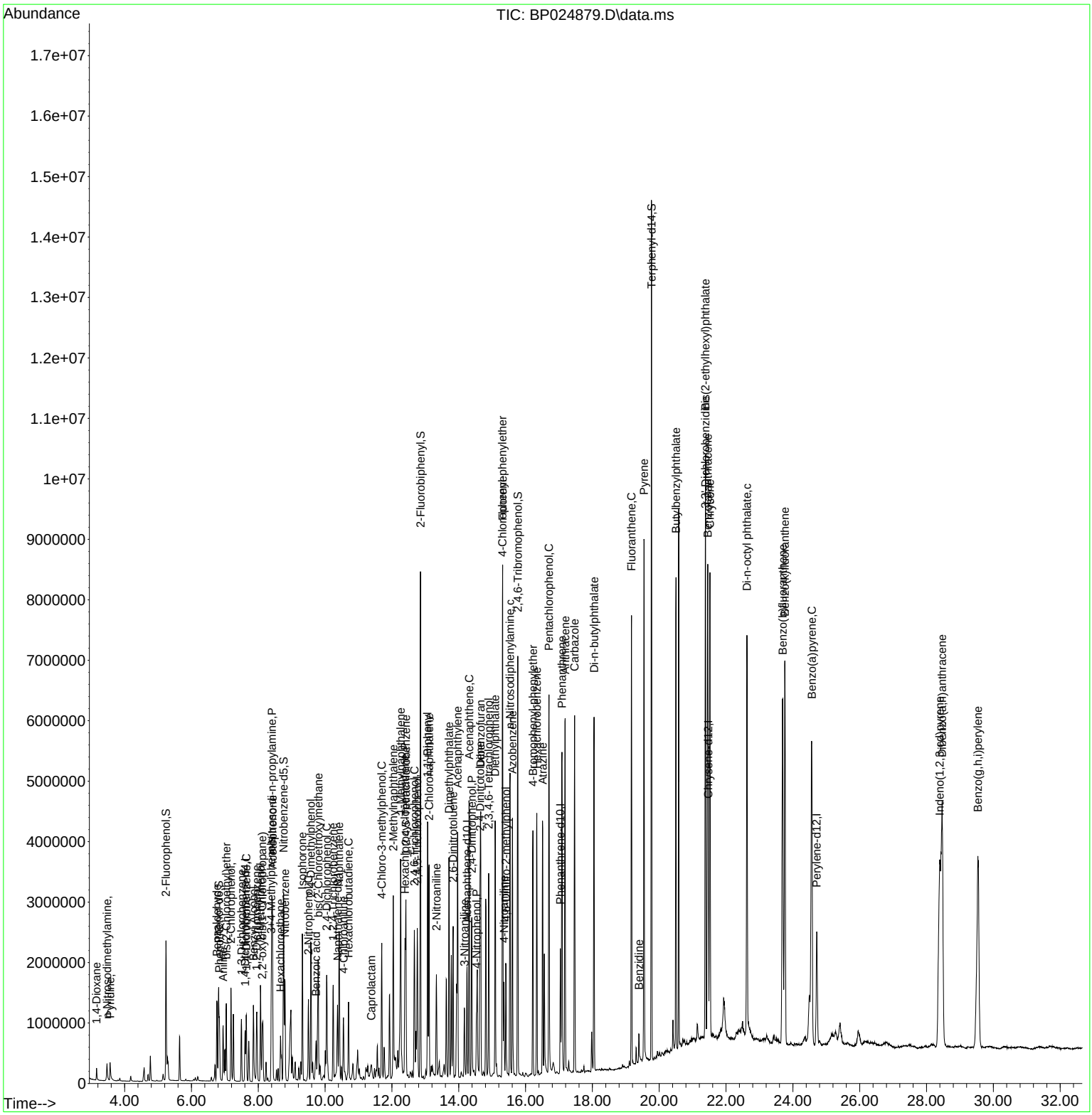
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024879.D
Acq On : 09 Jun 2025 16:14
Operator : RC/JU
Sample : Q2230-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 09 16:37:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
GW-MW01-060425MS

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024880.D
Acq On : 09 Jun 2025 16:55
Operator : RC/JU
Sample : Q2230-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 09 17:23:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
GW-MW01-060425MSD

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.608 | 152 | 335961 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.378 | 136 | 1346862 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.248 | 164 | 841053 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.042 | 188 | 1657665 | 20.000 | ng | | -0.02 |
| 76) Chrysene-d12 | 21.477 | 240 | 1681535 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 24.730 | 264 | 1927042 | 20.000 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.243 | 112 | 1493936 | 74.225 | ng | | 0.00 |
| 7) Phenol-d6 | 6.813 | 99 | 1233920 | 46.335 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.760 | 82 | 2438439 | 87.976 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.766 | 330 | 1844847 | 158.655 | ng | | -0.02 |
| 45) 2-Fluorobiphenyl | 12.854 | 172 | 5360805 | 85.864 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.772 | 244 | 8381201 | 89.330 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.172 | 88 | 161256 | 18.208 | ng | # | 96 |
| 3) Pyridine | 3.572 | 79 | 330125 | 15.500 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.478 | 42 | 190267 | 21.852 | ng | # | 97 |
| 6) Aniline | 6.949 | 93 | 870597 | 25.617 | ng | | 99 |
| 8) 2-Chlorophenol | 7.190 | 128 | 935721 | 41.010 | ng | | 99 |
| 9) Benzaldehyde | 6.766 | 77 | 560379 | 36.508 | ng | # | 76 |
| 10) Phenol | 6.843 | 94 | 466808 | 17.004 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.043 | 93 | 1018320 | 47.162 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.502 | 146 | 608351 | 23.900 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.643 | 146 | 628703 | 24.480 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 7.955 | 146 | 647114 | 25.659 | ng | | 98 |
| 15) Benzyl Alcohol | 7.860 | 79 | 695705 | 34.040 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.131 | 45 | 1181061 | 41.791 | ng | | 100 |
| 17) 2-Methylphenol | 8.072 | 107 | 666028 | 34.742 | ng | | 99 |
| 18) Hexachloroethane | 8.672 | 117 | 226470m | 23.422 | ng | | |
| 19) n-Nitroso-di-n-propyla... | 8.413 | 70 | 818207 | 45.196 | ng | | 100 |
| 20) 3+4-Methylphenols | 8.396 | 107 | 946970 | 36.206 | ng | | 97 |
| 22) Acetophenone | 8.431 | 105 | 1776046 | 52.192 | ng | | 98 |
| 24) Nitrobenzene | 8.802 | 77 | 1268698 | 51.524 | ng | | 98 |
| 25) Isophorone | 9.325 | 82 | 2307754 | 48.041 | ng | | 100 |
| 26) 2-Nitrophenol | 9.507 | 139 | 604321 | 49.741 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 9.578 | 122 | 915691 | 44.039 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.796 | 93 | 1419352 | 49.533 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.049 | 162 | 972262 | 48.733 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.243 | 180 | 735365 | 32.679 | ng | | 98 |
| 31) Naphthalene | 10.425 | 128 | 2733509 | 39.604 | ng | | 99 |
| 32) Benzoic acid | 9.749 | 122 | 395443 | 28.143 | ng | | 96 |
| 33) 4-Chloroaniline | 10.549 | 127 | 786095 | 27.184 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.707 | 225 | 383395 | 28.269 | ng | | 99 |
| 35) Caprolactam | 11.401 | 113 | 74360 | 10.125 | ng | # | 89 |
| 36) 4-Chloro-3-methylphenol | 11.696 | 107 | 1057705 | 45.963 | ng | | 100 |
| 37) 2-Methylnaphthalene | 12.043 | 142 | 2000223 | 45.686 | ng | | 100 |
| 38) 1-Methylnaphthalene | 12.260 | 142 | 2147003 | 45.868 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.419 | 216 | 1093780 | 45.831 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 12.396 | 237 | 967365 | 66.457 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.672 | 196 | 851953 | 53.157 | ng | | 100 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024880.D
Acq On : 09 Jun 2025 16:55
Operator : RC/JU
Sample : Q2230-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 09 17:23:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
GW-MW01-060425MSD

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.760 | 196 | 931664 | 54.280 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.072 | 154 | 2985178 | 48.840 | ng | | 98 |
| 47) 2-Chloronaphthalene | 13.107 | 162 | 2227755 | 47.423 | ng | | 99 |
| 48) 2-Nitroaniline | 13.331 | 65 | 670214 | 46.407 | ng | | 97 |
| 49) Acenaphthylene | 13.966 | 152 | 3760375 | 48.008 | ng | | 100 |
| 50) Dimethylphthalate | 13.719 | 163 | 3142438 | 50.649 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 13.831 | 165 | 700478 | 52.372 | ng | | 99 |
| 52) Acenaphthene | 14.313 | 154 | 2223943 | 49.549 | ng | | 99 |
| 53) 3-Nitroaniline | 14.172 | 138 | 423824 | 30.534 | ng | | 100 |
| 54) 2,4-Dinitrophenol | 14.390 | 184 | 881046 | 99.689 | ng | | 99 |
| 55) Dibenzofuran | 14.648 | 168 | 3562013 | 49.440 | ng | | 99 |
| 56) 4-Nitrophenol | 14.525 | 139 | 470374 | 42.732 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 14.637 | 165 | 1010355 | 54.002 | ng | | 97 |
| 58) Fluorene | 15.313 | 166 | 2947017 | 50.635 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.895 | 232 | 823770 | 53.716 | ng | | 99 |
| 60) Diethylphthalate | 15.095 | 149 | 3296154 | 53.307 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.307 | 204 | 1446499 | 50.830 | ng | | 99 |
| 62) 4-Nitroaniline | 15.354 | 138 | 523586 | 41.603 | ng | | 96 |
| 63) Azobenzene | 15.607 | 77 | 2984270 | 52.624 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.413 | 198 | 573565 | 52.658 | ng | | 99 |
| 66) n-Nitrosodiphenylamine | 15.531 | 169 | 2570412 | 50.028 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.219 | 248 | 997886 | 53.352 | ng | | 99 |
| 68) Hexachlorobenzene | 16.337 | 284 | 1181954 | 52.127 | ng | | 96 |
| 69) Atrazine | 16.513 | 200 | 1005027 | 53.958 | ng | | 99 |
| 70) Pentachlorophenol | 16.701 | 266 | 1568201 | 133.632 | ng | | 99 |
| 71) Phenanthrene | 17.089 | 178 | 4614297 | 50.372 | ng | | 99 |
| 72) Anthracene | 17.184 | 178 | 4618867 | 49.786 | ng | | 99 |
| 73) Carbazole | 17.472 | 167 | 4426692 | 51.477 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.048 | 149 | 6002825 | 56.341 | ng | | 100 |
| 75) Fluoranthene | 19.178 | 202 | 5483337 | 51.645 | ng | | 99 |
| 77) Benzidine | 19.407 | 184 | 15854m | 0.304 | ng | | |
| 78) Pyrene | 19.554 | 202 | 5611099 | 53.412 | ng | | 100 |
| 80) Butylbenzylphthalate | 20.513 | 149 | 2857974 | 59.393 | ng | | 97 |
| 81) Benzo(a)anthracene | 21.460 | 228 | 5574248 | 51.831 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.389 | 252 | 731610 | 17.135 | ng | | 98 |
| 83) Chrysene | 21.524 | 228 | 5240307 | 51.424 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.395 | 149 | 4311017 | 62.529 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.636 | 149 | 7409270 | 60.971 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 28.436 | 276 | 7307495 | 51.973 | ng | # | 91 |
| 88) Benzo(b)fluoranthene | 23.713 | 252 | 5806971 | 52.654 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 23.777 | 252 | 5816924 | 51.816 | ng | | 99 |
| 90) Benzo(a)pyrene | 24.589 | 252 | 5546665 | 51.500 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 28.477 | 278 | 6005498 | 52.475 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 29.559 | 276 | 5809887 | 51.165 | ng | | 99 |

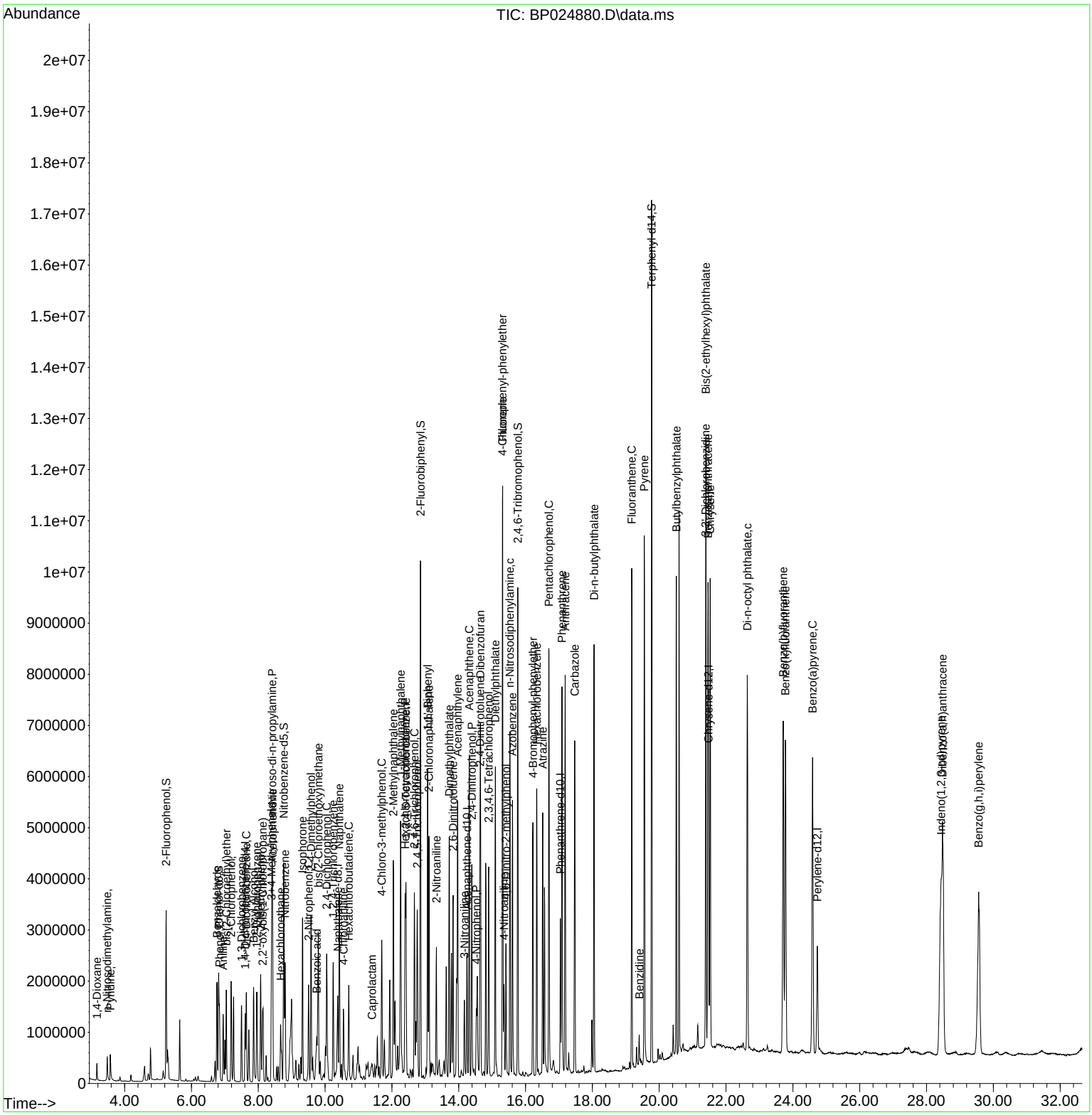
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024880.D
Acq On : 09 Jun 2025 16:55
Operator : RC/JU
Sample : Q2230-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 09 17:23:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
GW-MW01-060425MSD

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



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

# Manual Integration Report

| Sequence: | BP060625 | Instrument | BNA_p |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| SSTDICC005 | BP024861.D | 2,3,4,6-Tetrachlorophenol | Rahul | 6/9/2025 10:51:15 AM | Jagrut | 6/9/2025 12:08:47 PM | Peak Integrated by Software |
| SSTDICC005 | BP024861.D | 4-Nitroaniline | Rahul | 6/9/2025 10:51:15 AM | Jagrut | 6/9/2025 12:08:47 PM | Peak Integrated by Software |
| SSTDICC010 | BP024862.D | Benzaldehyde | Rahul | 6/9/2025 10:51:18 AM | Jagrut | 6/9/2025 12:08:50 PM | Peak Integrated by Software |
| SSTDICC010 | BP024862.D | Benzo(b)fluoranthene | Rahul | 6/9/2025 10:51:18 AM | Jagrut | 6/9/2025 12:08:50 PM | Peak Integrated by Software |
| SSTDICC010 | BP024862.D | Benzoic acid | Rahul | 6/9/2025 10:51:18 AM | Jagrut | 6/9/2025 12:08:50 PM | Peak Integrated by Software |
| SSTDICC020 | BP024863.D | Benzaldehyde | Rahul | 6/9/2025 10:51:20 AM | Jagrut | 6/9/2025 12:08:52 PM | Peak Integrated by Software |
| SSTDICV040 | BP024868.D | Benzaldehyde | Rahul | 6/9/2025 10:51:26 AM | Jagrut | 6/9/2025 12:08:55 PM | Peak Integrated by Software |

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

# Manual Integration Report

| Sequence: | BP060925 | Instrument | BNA_p |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| SSTDCCC040 | BP024871.D | Benzaldehyde | Rahul | 6/10/2025 10:03:10 AM | Jagrut | 6/10/2025 11:16:44 AM | Peak Integrated by Software |
| Q2230-03MS | BP024879.D | Benzidine | Rahul | 6/10/2025 10:03:17 AM | Jagrut | 6/10/2025 11:16:53 AM | Peak Integrated by Software |
| Q2230-03MS | BP024879.D | Hexachloroethane | Rahul | 6/10/2025 10:03:17 AM | Jagrut | 6/10/2025 11:16:53 AM | Peak Integrated by Software |
| Q2230-04MSD | BP024880.D | Benzidine | Rahul | 6/10/2025 10:03:29 AM | Jagrut | 6/10/2025 11:16:56 AM | Peak Integrated by Software |
| Q2230-04MSD | BP024880.D | Hexachloroethane | Rahul | 6/10/2025 10:03:29 AM | Jagrut | 6/10/2025 11:16:56 AM | Peak Integrated by Software |

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

**Instrument ID: BNA_P**

## Daily Analysis Runlog For Sequence/QCBatch ID # BP060625

| | | | | | |
|---|---|---|---|---|---|
| Review By | Rahul | Review On | 6/9/2025 11:36:10 AM | | |
| Supervise By | Jagrut | Supervise On | 6/9/2025 12:09:52 PM | | |
| SubDirectory | BP060625 | HP Acquire Method | BNA_P | HP Processing Method | BP060625 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | SP6757 |
| Initial Calibration Stds | SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791 |
| CCC | SP6787 |
| Internal Standard/PEM | S12667,10ul/1000ul sample |
| ICV/I.BLK | SP6796 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | DFTPP | BP024859.D | 06 Jun 2025 09:49 | RC/JU | Ok |
| 2 | SSTDICC2.5 | BP024860.D | 06 Jun 2025 10:30 | RC/JU | Ok |
| 3 | SSTDICC005 | BP024861.D | 06 Jun 2025 11:11 | RC/JU | Ok,M |
| 4 | SSTDICC010 | BP024862.D | 06 Jun 2025 11:52 | RC/JU | Ok,M |
| 5 | SSTDICC020 | BP024863.D | 06 Jun 2025 12:33 | RC/JU | Ok,M |
| 6 | SSTDICCC040 | BP024864.D | 06 Jun 2025 13:14 | RC/JU | Ok |
| 7 | SSTDICC050 | BP024865.D | 06 Jun 2025 13:56 | RC/JU | Ok |
| 8 | SSTDICC060 | BP024866.D | 06 Jun 2025 14:37 | RC/JU | Ok |
| 9 | SSTDICC080 | BP024867.D | 06 Jun 2025 15:18 | RC/JU | Ok |
| 10 | SSTDICV040 | BP024868.D | 06 Jun 2025 17:09 | RC/JU | Ok,M |
| 11 | PB168259BL | BP024869.D | 06 Jun 2025 17:50 | RC/JU | Ok |

M : Manual Integration

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

**Instrument ID: BNA_P**

## Daily Analysis Runlog For Sequence/QCBatch ID # BP060925

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Review By | Rahul | Review On | 6/10/2025 10:05:06 AM | | | | |
| Supervise By | Jagrut | Supervise On | 6/10/2025 11:17:20 AM | | | | |
| SubDirectory | BP060925 | HP Acquire Method | BNA_P | | HP Processing Method | BP060625 | |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | SP6757 |
| Initial Calibration Stds | SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791 |
| CCC | SP6787 |
| Internal Standard/PEM | S12667,10ul/1000ul sample |
| ICV/I.BLK | SP6796 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | DFTPP | BP024870.D | 09 Jun 2025 10:03 | RC/JU | Ok |
| 2 | SSTDCCC040 | BP024871.D | 09 Jun 2025 10:44 | RC/JU | Ok,M |
| 3 | PB168323BL | BP024872.D | 09 Jun 2025 11:24 | RC/JU | Ok |
| 4 | PB168323BS | BP024873.D | 09 Jun 2025 12:05 | RC/JU | Ok |
| 5 | Q2210-01 | BP024874.D | 09 Jun 2025 12:50 | RC/JU | Ok |
| 6 | Q2209-01 | BP024875.D | 09 Jun 2025 13:31 | RC/JU | Ok |
| 7 | Q2230-01 | BP024876.D | 09 Jun 2025 14:12 | RC/JU | Ok |
| 8 | Q2230-02 | BP024877.D | 09 Jun 2025 14:52 | RC/JU | Ok,M |
| 9 | Q2218-01 | BP024878.D | 09 Jun 2025 15:33 | RC/JU | Ok,M |
| 10 | Q2230-03MS | BP024879.D | 09 Jun 2025 16:14 | RC/JU | Ok,M |
| 11 | Q2230-04MSD | BP024880.D | 09 Jun 2025 16:55 | RC/JU | Ok,M |
| 12 | Q2230-05 | BP024881.D | 09 Jun 2025 17:35 | RC/JU | Ok |
| 13 | Q2231-02 | BP024882.D | 09 Jun 2025 18:16 | RC/JU | Dilution |
| 14 | Q2237-02 | BP024883.D | 09 Jun 2025 18:57 | RC/JU | Ok |
| 15 | Q2248-01 | BP024884.D | 09 Jun 2025 19:38 | RC/JU | Ok,M |
| 16 | Q2240-01 | BP024885.D | 09 Jun 2025 20:18 | RC/JU | Ok,M |
| 17 | Q2260-01 | BP024886.D | 09 Jun 2025 20:59 | RC/JU | Ok,M |

M : Manual Integration

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Fax : 908 789 8922

**Instrument ID:** BNA_P

## Daily Analysis Runlog For Sequence/QCBatch ID # BP060625

| | | | | | |
|---|---|---|---|---|---|
| Review By | Rahul | Review On | 6/9/2025 11:36:10 AM | | |
| Supervise By | Jagrut | Supervise On | 6/9/2025 12:09:52 PM | | |
| SubDirectory | BP060625 | HP Acquire Method | BNA_P | HP Processing Method | BP060625 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | SP6757 |
| Initial Calibration Stds | SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791 |
| CCC | SP6787 |
| Internal Standard/PEM | S12667,10ul/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 | BP024859.D | 06 Jun 2025 09:49 | | RC/JU | Ok |
| 2 | SSTDICC2.5 | SSTDICC2.5 | BP024860.D | 06 Jun 2025 10:30 | | RC/JU | Ok |
| 3 | SSTDICC005 | SSTDICC005 | BP024861.D | 06 Jun 2025 11:11 | | RC/JU | Ok,M |
| 4 | SSTDICC010 | SSTDICC010 | BP024862.D | 06 Jun 2025 11:52 | | RC/JU | Ok,M |
| 5 | SSTDICC020 | SSTDICC020 | BP024863.D | 06 Jun 2025 12:33 | Calibration is Good for 8270 E, 8270 DOD and 625.1 methods. | RC/JU | Ok,M |
| 6 | SSTDICCC040 | SSTDICCC040 | BP024864.D | 06 Jun 2025 13:14 | Compound#54 & 56 are Kept on LR | RC/JU | Ok |
| 7 | SSTDICC050 | SSTDICC050 | BP024865.D | 06 Jun 2025 13:56 | | RC/JU | Ok |
| 8 | SSTDICC060 | SSTDICC060 | BP024866.D | 06 Jun 2025 14:37 | | RC/JU | Ok |
| 9 | SSTDICC080 | SSTDICC080 | BP024867.D | 06 Jun 2025 15:18 | | RC/JU | Ok |
| 10 | SSTDICV040 | ICVBP060625 | BP024868.D | 06 Jun 2025 17:09 | | RC/JU | Ok,M |
| 11 | PB168259BL | PB168259BL | BP024869.D | 06 Jun 2025 17:50 | | RC/JU | Ok |

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**Instrument ID:** BNA_P

## Daily Analysis Runlog For Sequence/QCBatch ID # BP060925

| | | | | | |
|---|---|---|---|---|---|
| Review By | Rahul | Review On | 6/10/2025 10:05:06 AM | | |
| Supervise By | Jagrut | Supervise On | 6/10/2025 11:17:20 AM | | |
| SubDirectory | BP060925 | HP Acquire Method | BNA_P | HP Processing Method | BP060625 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | SP6757 |
| Initial Calibration Stds | SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791 |
| CCC | SP6787 |
| Internal Standard/PEM | S12667,10ul/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 | BP024870.D | 09 Jun 2025 10:03 | | RC/JU | Ok |
| 2 | SSTDCCC040 | SSTDCCC040 | BP024871.D | 09 Jun 2025 10:44 | | RC/JU | Ok,M |
| 3 | PB168323BL | PB168323BL | BP024872.D | 09 Jun 2025 11:24 | | RC/JU | Ok |
| 4 | PB168323BS | PB168323BS | BP024873.D | 09 Jun 2025 12:05 | | RC/JU | Ok |
| 5 | Q2210-01 | TW1 | BP024874.D | 09 Jun 2025 12:50 | | RC/JU | Ok |
| 6 | Q2209-01 | P01W | BP024875.D | 09 Jun 2025 13:31 | | RC/JU | Ok |
| 7 | Q2230-01 | FB-060425 | BP024876.D | 09 Jun 2025 14:12 | | RC/JU | Ok |
| 8 | Q2230-02 | GW-MW01-060425 | BP024877.D | 09 Jun 2025 14:52 | | RC/JU | Ok,M |
| 9 | Q2218-01 | 72-11934 | BP024878.D | 09 Jun 2025 15:33 | | RC/JU | Ok,M |
| 10 | Q2230-03MS | GW-MW01-060425MS | BP024879.D | 09 Jun 2025 16:14 | | RC/JU | Ok,M |
| 11 | Q2230-04MSD | GW-MW01-060425MSI | BP024880.D | 09 Jun 2025 16:55 | | RC/JU | Ok,M |
| 12 | Q2230-05 | GW-MW901-060425 | BP024881.D | 09 Jun 2025 17:35 | | RC/JU | Ok |
| 13 | Q2231-02 | MW-14-20250604 | BP024882.D | 09 Jun 2025 18:16 | Analyze first with 10X Dilution and then decide further Dilution | RC/JU | Dilution |
| 14 | Q2237-02 | TW-WTS-10 | BP024883.D | 09 Jun 2025 18:57 | | RC/JU | Ok |
| 15 | Q2248-01 | TR-05-060525 | BP024884.D | 09 Jun 2025 19:38 | | RC/JU | Ok,M |
| 16 | Q2240-01 | TP-3 | BP024885.D | 09 Jun 2025 20:18 | | RC/JU | Ok,M |
| 17 | Q2260-01 | TP10-MHG-WC | BP024886.D | 09 Jun 2025 20:59 | | RC/JU | Ok,M |

M : Manual Integration

Alliance TECHNICAL GROUP

# EXTRACTION LOGPAGE

PB168323

**SOP ID:** M3510C,3580A-Extraction SVOC-20

**Clean Up SOP #:** N/A

**Matrix :** Water

**Weigh By:** N/A

**Balance check:** N/A

**Balance ID:** N/A

**pH Strip Lot#:** E3880

**Extraction By:** RS

**Filter By:** RJ

**pH Meter ID:** N/A

**Hood ID:** 4,5,6,7

**Extraction Start Date :** 06/06/2025

**Extraction Start Time :** 08:35

**Extraction End Date :** 06/06/2025

**Extraction End Time :** 13:50

**Concentration By:** EH

**Supervisor By :** RUPESH

**Extraction Method:** [√] Seperatory Funnel [ ] Continious Liquid/Liquid [ ] Sonication [ ] Waste Dilution [ ] Soxhlet

| Standared Name | MLS USED | Concentration ug/mL | STD REF. # FROM LOG |
|---|---|---|---|
| Spike Sol 1 | 1.0ML | 50/100 PPM | SP6794 |
| Surrogate | 1.0ML | 100/150 PPM | SP6754 |
| N/A | N/A | N/A | N/A |
| N/A | N/A | N/A | N/A |
| N/A | N/A | N/A | N/A |

| Chemical Used | ML/SAMPLE USED | Lot Number |
|---|---|---|
| Methylene Chloride | N/A | E3939 |
| Baked Na2SO4 | N/A | EP2620 |
| 10N NaoH | N/A | EP2609 |
| H2SO4 1:1 | N/A | EP2610 |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |
| N/A | N/A | N/A |

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

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

**KD Bath ID:** WATER BATH-1,2

**KD Bath Temperature:** 60 °C

**Envap ID:** NEVAP-02

**Envap Temperature:** 40 °C

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|---|---|---|
| 6/6/25 | RS (Ext lab) | RC / SVOC |
| 13:55 | Preparation Group | Analysis Group |

Alliance TECHNICAL GROUP

**EXTRACTION LOGPAGE**

**PrepBatch ID : PB168323**

**Analytical Method:** M3510C,3580A-Extraction SVOC-20 **Concentration Date:** 06/06/2025

| Sample ID | Client Sample ID | Test | g /(mL) | PH | Surr/Spike By: | | Final Vol. (mL) | JarID | Comments | Prep Pos |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | AddedBy | VerifiedBy | | | | |
| PB168323BL | SBLK323 | SVOCMS Group1 | 1000 | 6 | ritesh | Evelyn | 1 | | | SEP-1 |
| PB168323BS | SLCS323 | SVOCMS Group1 | 1000 | 6 | ritesh | Evelyn | 1 | | | 2 |
| Q2202-03 | MW-12-20250603 | SVOCMS Group1 | 980 | 6 | ritesh | Evelyn | 1 | C | | 3 |
| Q2209-01 | P01W | SVOCMS Group2 | 990 | 6 | ritesh | Evelyn | 1 | D | | 4 |
| Q2210-01 | TW1 | SVOCMS Group1 | 1000 | 6 | ritesh | Evelyn | 1 | D | | 5 |
| Q2230-01 | FB-060425 | SVOCMS Group3 | 880 | 6 | ritesh | Evelyn | 1 | C | | 6 |
| Q2230-02 | GW-MW01-060425 | SVOCMS Group3 | 910 | 6 | ritesh | Evelyn | 1 | C | | 7 |
| Q2230-03 | Q2230-02MS | SVOCMS Group3 | 960 | 6 | ritesh | Evelyn | 1 | C | | 8 |
| Q2230-04 | Q2230-02MSD | SVOCMS Group3 | 940 | 6 | ritesh | Evelyn | 1 | C | | 9 |
| Q2230-05 | GW-MW901-060425 | SVOCMS Group3 | 980 | 6 | ritesh | Evelyn | 1 | C | | 10 |
| Q2231-02 | MW-14-20250604 | SVOCMS Group1 | 1000 | 6 | ritesh | Evelyn | 1 | C | | 11 |
| Q2237-02 | TW-WTS-10 | SVOCMS Group4 | 980 | 12 | ritesh | Evelyn | 1 | F | | 12 |

RS 6/6

* **Extracts relinguished on the same date as received.**

168323
8:35

# WORKLIST(Hardcopy Internal Chain)

**WorkList Name :** Q2202 **WorkList ID :** 189994 **Department :** Extraction **Date :** 06-06-2025 08:27:56

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q2202-03 | MW-12-20250603 | Water | SVOCMS Group1 | Cool 4 deg C | PARS02 | N31 | 06/03/2025 | 8270E |
| Q2209-01 | P01W | Water | SVOCMS Group2 | Cool 4 deg C | GENV01 | N31 | 06/04/2025 | 8270E |
| Q2210-01 | TW1 | Water | SVOCMS Group1 | Cool 4 deg C | GENV01 | L31 | 06/03/2025 | 8270E |
| Q2230-01 | FB-060425 | Water | SVOCMS Group3 | Cool 4 deg C | CAMP02 | N31 | 06/04/2025 | 8270E |
| Q2230-02 | GW-MW01-060425 | Water | SVOCMS Group3 | Cool 4 deg C | CAMP02 | N31 | 06/04/2025 | 8270E |
| Q2230-03 | Q2230-02MS | Water | SVOCMS Group3 | Cool 4 deg C | CAMP02 | N31 | 06/04/2025 | 8270E |
| Q2230-04 | Q2230-02MSD | Water | SVOCMS Group3 | Cool 4 deg C | CAMP02 | N31 | 06/04/2025 | 8270E |
| Q2230-05 | GW-MW901-060425 | Water | SVOCMS Group3 | Cool 4 deg C | CAMP02 | N31 | 06/04/2025 | 8270E |
| Q2231-02 | MW-14-20250604 | Water | SVOCMS Group1 | Cool 4 deg C | PARS02 | N41 | 06/04/2025 | 8270E |
| Q2237-02 | TW-WTS-10 | Water | SVOCMS Group4 | Cool 4 deg C | ENTA05 | N31 | 06/04/2025 | 8270E |

**Date/Time** 6/6/25 8:30
**Raw Sample Received by:** RJ (EA Lab)
**Raw Sample Relinquished by:**



**Date/Time** 6/6/25 9:15
**Raw Sample Received by:**
**Raw Sample Relinquished by:** RJ (EA Lab)

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

# LAB CHRONICLE

| | | | |
|---|---|---|---|
| **OrderID:** | Q2210 | **OrderDate:** | 6/4/2025 1:53:00 PM |
| **Client:** | G Environmental | **Project:** | Stockton |
| **Contact:** | Gary Landis | **Location:** | L31,VOA Ref. #3 Water |

| LabID | ClientID | Matrix | Test | Method | Sample Date | Prep Date | Anal Date | Received |
|---|---|---|---|---|---|---|---|---|
| **Q2210-01** | **TW1** | **Water** | | | **06/03/25** | | | **06/04/25** |
| | | | SVOCMS Group1 | 8270E | | 06/06/25 | 06/09/25 | |