# PREP BATCH REPORT

Prep Code: **SVOC-3510C-8270** Technician: **Zachary B. Zaccardi** Prep Start Date: **12/17/2021 11:09:18 A**

Prep Batch **162302** Prep Temp **NA °C** Batch Units: **ML** Prep End Date: **12/20/2021 11:50:00 A**

| Sample ID | Matrix | pH | Initial Samp Amt | Sol Added | Sol Recovered | Final Vol (mL) | Factor | Balance | Prep Start Date | Prep End Date |
|---|---|---|---|---|---|---|---|---|---|---|
| MB-162302 | | | 1000 | 0 | 0 | 1.00 | 0.001 | | 12/17/2021 | 12/20/2021 |
| LCS-162302 | | | 1000 | 0 | 0 | 1.00 | 0.001 | | 12/17/2021 | 12/20/2021 |
| B21121234-001A | Aqueous | 6 | 1050 | 0 | 0 | 1.00 | 0.000952 | | 12/17/2021 | 12/20/2021 |
| Sample had a yellow tint | | | | | | | | | | |
| B21121234-002A | Aqueous | 6 | 1000 | 0 | 0 | 1.00 | 0.001 | | 12/17/2021 | 12/20/2021 |
| Sample was clear | | | | | | | | | | |
| B21121234-003A | Aqueous | 6 | 1000 | 0 | 0 | 1.00 | 0.001 | | 12/17/2021 | 12/20/2021 |
| Sample was clear | | | | | | | | | | |
| B21121402-001A | Ground Water | 6 | 1010 | 0 | 0 | 1.00 | 0.00099 | | 12/17/2021 | 12/20/2021 |
| Sample was cloudy | | | | | | | | | | |
| B21121402-002A | Ground Water | 6 | 960 | 0 | 0 | 1.00 | 0.00104 | | 12/17/2021 | 12/20/2021 |
| Sample was clear | | | | | | | | | | |
| B21121402-003A | Ground Water | 6 | 1020 | 0 | 0 | 1.00 | 0.00098 | | 12/17/2021 | 12/20/2021 |
| Sample was clear | | | | | | | | | | |
| B21121402-002ALMS | Ground Water | 6 | 1030 | 0 | 0 | 1.00 | 0.000971 | | 12/17/2021 | 12/20/2021 |
| Sample was clear | | | | | | | | | | |
| LCSD-162302 | | | 1000 | 0 | 0 | 1.00 | 0.001 | | 12/17/2021 | 12/20/2021 |
| LLCSD-162302 | | | 1000 | 0 | 0 | 1.00 | 0.001 | | 12/17/2021 | 12/20/2021 |
| LLCS-162302 | | | 1000 | 0 | 0 | 1.00 | 0.001 | | 12/17/2021 | 12/20/2021 |
| B21121234-001AMS | Aqueous | 6 | 500 | 0 | 0 | 1.00 | 0.002 | | 12/17/2021 | 12/20/2021 |
| Sample had a yellow tint | | | | | | | | | | |
| B21121234-002AMS | Aqueous | 6 | 500 | 0 | 0 | 1.00 | 0.002 | | 12/17/2021 | 12/20/2021 |
| Sample was clear | | | | | | | | | | |
| B21121496-001A | Waste Water | 6 | 1030 | 0 | 0 | 1.00 | 0.000971 | | 12/17/2021 | 12/20/2021 |
| Sample had a yellow tint | | | | | | | | | | |
| B21121503-001F | Aqueous | 7 | 1050 | 0 | 0 | 1.00 | 0.000952 | | 12/17/2021 | 12/20/2021 |
| Sample had a yellow tint and had green percipitate | | | | | | | | | | |

| Number | Reagent Name | Exp Date | A |
|---|---|---|---|
| 13124 | Sulfuric Acid 2020070739 | 7/2/2022 | 2mL |
| 13273 | pH-indicator Strips 0-14 HC025486 | 9/30/2024 | |
| 14196 | Dichloromethane EB867 | 6/18/2023 | 100,50 |
| 14518 | Dichloromethane EC735 | 10/14/2023 | |

| Spk ID | Spike Name | SampType | AmtAdd | Exp Date |
|---|---|---|---|---|
| FP211210 14446 | DCM RINSED FILTER PAPER | ALL | | 4/6/2026 |
| Sulfate 12/13/21 ( | Baked Sodium Sulfate | ALL | varies | 11/29/2026 |
| sv83418 | Benzidines | LCS; MS | 50 uL; 25 | 3/17/2024 |
| sv92702 | LCS/Add Extractions | LCS; MS; LLCS/D | 1.0 mL; 0. | 1/14/2022 |
| sv92701 | LL BNA Surr | SAMP, LMS, LLC | 100 uL | 1/30/2022 |
| sv92612 | BNA Surr | SAMP, MB, LCS; | 100 uL; 5 | 3/31/2022 |

# Energy Laboratories Inc

# ANALYTICAL RUN Summary

*22-Dec-21*

**Run ID** SV5975.I_211220A

**Run Start Date:** 12/20/2021
**Analyst:** John P. Heine
**Ical:**
**Column ID:** ZB-SemiVolatiles
**Comments:**

| Std ID | Std Name | Std Amount | Std Units | Samp Amount | Samp Units | SampType | Expiration Date |
|---|---|---|---|---|---|---|---|
| dcmsvoc13 | DCM | | | | | | 11/17/2022 |
| sv100210 | BNA 2nd source 200ug/mL | 2 | ul | 198 | ul | ICV | 1/15/2022 |
| sv100506 | BNA low 50 ug/mL | 8 | ul | 192 | ul | CCV | 3/31/2022 |
| sv100703 | BNA Internals 2000 ug/mL | 50 | ul | 50 | ul | TUNE | 5/31/2022 |
| sv83311 | DFTPP 1000 ug/mL | 50 | ul | 50 | ul | TUNE | 10/31/2022 |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14937744 | Dec2001_D_TU | SVOC-8270-DF | TUNE | /5975.I\sh122021\12/20/2021 3:42: | | 1 | R372112 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 127, % of mass 198 | A | % | 51.1 | 51.1 | | 100 | 0 | 0 | 0 | 0.01 | 0 | 51% | 40 | 60 | 0% | |
| 197, % of mass 198 | A | % | 0 | 0 | | 100 | 0 | 0 | 0 | 0.01 | 0 | 0% | 0 | 0.99 | 0% | |
| 198, Base Peak | A | % | 100 | 100 | | 100 | 0 | 0 | 0 | 0.01 | 0 | 100% | 100 | 100 | 0% | |
| 199, % of mass 198 | A | % | 7.2 | 7.2 | | 100 | 0 | 0 | 0 | 0.01 | 0 | 7% | 5 | 9 | 0% | |
| 275, % of mass 198 | A | % | 29.9 | 29.9 | | 100 | 0 | 0 | 0 | 0.01 | 0 | 30% | 10 | 30 | 0% | |
| 365, % of mass 198 | A | % | 3.3 | 3.3 | | 100 | 0 | 0 | 0 | 0.01 | 0 | 3% | 1 | 99.99 | 0% | |
| 441, % of mass 443 | A | % | 87.7 | 87.7 | | 100 | 0 | 0 | 0 | 0.01 | 0 | 88% | 0.01 | 150 | 0% | |
| 442, % of mass 198 | A | % | 71.5 | 71.5 | | 100 | 0 | 0 | 0 | 0.01 | 0 | 72% | 40 | 100 | 0% | |
| 443, % of mass 442 | A | % | 19.6 | 19.6 | | 100 | 0 | 0 | 0 | 0.01 | 0 | 20% | 17 | 23 | 0% | |
| 51, % of mass 198 | A | % | 40.1 | 40.1 | | 100 | 0 | 0 | 0 | 0.01 | 0 | 40% | 30 | 60 | 0% | |
| 68, % of mass 69 | A | % | 0.4 | 0.4 | | 100 | 0 | 0 | 0 | 0.01 | 0 | 0% | 0 | 1.99 | 0% | |
| 70, % of mass 69 | A | % | 0.6 | 0.6 | | 100 | 0 | 0 | 0 | 0.01 | 0 | 1% | 0 | 1.99 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14937745 | 20-Dec-21_CAL | SVOC-8270-W- | ICAL | /5975.I\sh122021\12/20/2021 4:06: | | 1 | R372112 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | A | ug/L | 10.05446 | 10.05446 | | 10 | 0 | 0 | 0.0206 | 0.1 | 10 | 101% | 80 | 120 | 0% | |
| 2-Methylnaphthalene | A | ug/L | 10.11432 | 10.11432 | | 10 | 0 | 0 | 0.0176 | 0.1 | 10 | 101% | 80 | 120 | 0% | |
| Acenaphthene | A | ug/L | 10.19873 | 10.19873 | | 10 | 0 | 0 | 0.0317 | 0.1 | 10 | 102% | 80 | 120 | 0% | |
| Acenaphthylene | A | ug/L | 10.00409 | 10.00409 | | 10 | 0 | 0 | 0.025 | 0.1 | 10 | 100% | 80 | 120 | 0% | |
| Anthracene | A | ug/L | 10.27923 | 10.27923 | | 10 | 0 | 0 | 0.0283 | 0.1 | 10 | 103% | 80 | 120 | 0% | |
| Benzo(a)anthracene | A | ug/L | 10.07909 | 10.07909 | | 10 | 0 | 0 | 0.0272 | 0.1 | 10 | 101% | 80 | 120 | 0% | |
| Benzo(a)pyrene | A | ug/L | 10.00602 | 10.00602 | | 10 | 0 | 0 | 0.0347 | 0.1 | 10 | 100% | 80 | 120 | 0% | |
| Benzo(b)fluoranthene | A | ug/L | 10.84536 | 10.84536 | | 10 | 0 | 0 | 0.0226 | 0.1 | 10 | 108% | 80 | 120 | 0% | |
| Benzo(g,h,i)perylene | A | ug/L | 10.00486 | 10.00486 | | 10 | 0 | 0 | 0.0267 | 0.1 | 10 | 100% | 80 | 120 | 0% | |
| Benzo(k)fluoranthene | A | ug/L | 9.98874 | 9.98874 | | 10 | 0 | 0 | 0.0295 | 0.1 | 10 | 100% | 80 | 120 | 0% | |
| Chrysene | A | ug/L | 9.38851 | 9.38851 | | 10 | 0 | 0 | 0.0458 | 0.1 | 10 | 94% | 80 | 120 | 0% | |
| Dibenzo(a,h)anthracene | A | ug/L | 10.02302 | 10.02302 | | 10 | 0 | 0 | 0.0367 | 0.1 | 10 | 100% | 80 | 120 | 0% | |
| Fluoranthene | A | ug/L | 10.01906 | 10.01906 | | 10 | 0 | 0 | 0.0233 | 0.1 | 10 | 100% | 80 | 120 | 0% | |
| Fluorene | A | ug/L | 10.10926 | 10.10926 | | 10 | 0 | 0 | 0.0225 | 0.1 | 10 | 101% | 80 | 120 | 0% | |
| Indeno(1,2,3-cd)pyrene | A | ug/L | 10.02492 | 10.02492 | | 10 | 0 | 0 | 0.0491 | 0.1 | 10 | 100% | 80 | 120 | 0% | |
| Naphthalene | A | ug/L | 10.09241 | 10.09241 | | 10 | 0 | 0 | 0.029 | 0.1 | 10 | 101% | 80 | 120 | 0% | |
| Phenanthrene | A | ug/L | 10.06617 | 10.06617 | | 10 | 0 | 0 | 0.0295 | 0.1 | 10 | 101% | 80 | 120 | 0% | |
| Pyrene | A | ug/L | 9.94504 | 9.94504 | | 10 | 0 | 0 | 0.0239 | 0.1 | 10 | 99% | 80 | 120 | 0% | |
| 1,4-Dichlorobenzene-d4 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| Acenaphthene-d10 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| Chrysene-d12 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| Naphthalene-d8 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| Perylene-d12 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| Phenanthrene-d10 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| 2-Fluorobiphenyl | S | ug/L | 10.05024 | 10.05024 | | 10 | 0 | 0 | 0.0444 | 0.1 | 10 | 101% | 80 | 120 | 0% | |
| Nitrobenzene-d5 | S | ug/L | 9.95278 | 9.95278 | | 10 | 0 | 0 | 0.0523 | 0.1 | 10 | 100% | 80 | 120 | 0% | |
| Terphenyl-d14 | S | ug/L | 9.57836 | 9.57836 | | 10 | 0 | 0 | 0.0563 | 0.1 | 10 | 96% | 80 | 120 | 0% | |
| o-Terphenyl | X | ug/L | 9.17277 | 9.17277 | | 10 | 0 | 0 | 0.0654 | 0.1 | 10 | 92% | 80 | 120 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14937746 | 20-Dec-21_CAL | SVOC-8270-W- | ICAL | /5975.I\sh122021\12/20/2021 4:39: | | 1 | R372112 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

*2*

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14937746 | 20-Dec-21_CAL | SVOC-8270-W- | ICAL | /5975.I\sh122021\12/20/2021 4:39: | | 1 | R372112 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | A | ug/L | 4.88912 | 4.88912 | | 5 | 0 | 0 | 0.0206 | 0.1 | 10 | 98% | 80 | 120 | 0% | |
| 2-Methylnaphthalene | A | ug/L | 4.79583 | 4.79583 | | 5 | 0 | 0 | 0.0176 | 0.1 | 10 | 96% | 80 | 120 | 0% | |
| Acenaphthene | A | ug/L | 4.7054 | 4.7054 | | 5 | 0 | 0 | 0.0317 | 0.1 | 10 | 94% | 80 | 120 | 0% | |
| Acenaphthylene | A | ug/L | 4.98108 | 4.98108 | | 5 | 0 | 0 | 0.025 | 0.1 | 10 | 100% | 80 | 120 | 0% | |
| Anthracene | A | ug/L | 4.74103 | 4.74103 | | 5 | 0 | 0 | 0.0283 | 0.1 | 10 | 95% | 80 | 120 | 0% | |
| Benzo(a)anthracene | A | ug/L | 4.86106 | 4.86106 | | 5 | 0 | 0 | 0.0272 | 0.1 | 10 | 97% | 80 | 120 | 0% | |
| Benzo(a)pyrene | A | ug/L | 4.97397 | 4.97397 | | 5 | 0 | 0 | 0.0347 | 0.1 | 10 | 99% | 80 | 120 | 0% | |
| Benzo(b)fluoranthene | A | ug/L | 4.84595 | 4.84595 | | 5 | 0 | 0 | 0.0226 | 0.1 | 10 | 97% | 80 | 120 | 0% | |
| Benzo(g,h,i)perylene | A | ug/L | 4.97873 | 4.97873 | | 5 | 0 | 0 | 0.0267 | 0.1 | 10 | 100% | 80 | 120 | 0% | |
| Benzo(k)fluoranthene | A | ug/L | 5.02261 | 5.02261 | | 5 | 0 | 0 | 0.0295 | 0.1 | 10 | 100% | 80 | 120 | 0% | |
| Chrysene | A | ug/L | 4.42733 | 4.42733 | | 5 | 0 | 0 | 0.0458 | 0.1 | 10 | 89% | 80 | 120 | 0% | |
| Dibenzo(a,h)anthracene | A | ug/L | 4.91838 | 4.91838 | | 5 | 0 | 0 | 0.0367 | 0.1 | 10 | 98% | 80 | 120 | 0% | |
| Fluoranthene | A | ug/L | 4.94137 | 4.94137 | | 5 | 0 | 0 | 0.0233 | 0.1 | 10 | 99% | 80 | 120 | 0% | |
| Fluorene | A | ug/L | 4.71606 | 4.71606 | | 5 | 0 | 0 | 0.0225 | 0.1 | 10 | 94% | 80 | 120 | 0% | |
| Indeno(1,2,3-cd)pyrene | A | ug/L | 4.92139 | 4.92139 | | 5 | 0 | 0 | 0.0491 | 0.1 | 10 | 98% | 80 | 120 | 0% | |
| Naphthalene | A | ug/L | 4.80625 | 4.80625 | | 5 | 0 | 0 | 0.029 | 0.1 | 10 | 96% | 80 | 120 | 0% | |
| Phenanthrene | A | ug/L | 4.84553 | 4.84553 | | 5 | 0 | 0 | 0.0295 | 0.1 | 10 | 97% | 80 | 120 | 0% | |
| Pyrene | A | ug/L | 4.52575 | 4.52575 | | 5 | 0 | 0 | 0.0239 | 0.1 | 10 | 91% | 80 | 120 | 0% | |
| 1,4-Dichlorobenzene-d4 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| Acenaphthene-d10 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| Chrysene-d12 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| Naphthalene-d8 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| Perylene-d12 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| Phenanthrene-d10 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| 2-Fluorobiphenyl | S | ug/L | 4.86213 | 4.86213 | | 5 | 0 | 0 | 0.0444 | 0.1 | 10 | 97% | 80 | 120 | 0% | |
| Nitrobenzene-d5 | S | ug/L | 5.13723 | 5.13723 | | 5 | 0 | 0 | 0.0523 | 0.1 | 10 | 103% | 80 | 120 | 0% | |
| Terphenyl-d14 | S | ug/L | 4.38203 | 4.38203 | | 5 | 0 | 0 | 0.0563 | 0.1 | 10 | 88% | 80 | 120 | 0% | |
| o-Terphenyl | X | ug/L | 4.31574 | 4.31574 | | 5 | 0 | 0 | 0.0654 | 0.1 | 10 | 86% | 80 | 120 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14937747 | 20-Dec-21_CAL | SVOC-8270-W- | ICAL | /5975.I\sh122021\12/20/2021 5:12: | | 1 | R372112 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14937747 | 20-Dec-21_CAL | SVOC-8270-W- | ICAL | /5975.I\sh122021\12/20/2021 5:12: | | 1 | R372112 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | A | ug/L | 1.97909 | 1.97909 | | 2 | 0 | 0 | 0.0206 | 0.1 | 10 | 99% | 80 | 120 | 0% | |
| 2-Methylnaphthalene | A | ug/L | 1.98412 | 1.98412 | | 2 | 0 | 0 | 0.0176 | 0.1 | 10 | 99% | 80 | 120 | 0% | |
| Acenaphthene | A | ug/L | 2.1087 | 2.1087 | | 2 | 0 | 0 | 0.0317 | 0.1 | 10 | 105% | 80 | 120 | 0% | |
| Acenaphthylene | A | ug/L | 2.03419 | 2.03419 | | 2 | 0 | 0 | 0.025 | 0.1 | 10 | 102% | 80 | 120 | 0% | |
| Anthracene | A | ug/L | 1.92439 | 1.92439 | | 2 | 0 | 0 | 0.0283 | 0.1 | 10 | 96% | 80 | 120 | 0% | |
| Benzo(a)anthracene | A | ug/L | 2.03121 | 2.03121 | | 2 | 0 | 0 | 0.0272 | 0.1 | 10 | 102% | 80 | 120 | 0% | |
| Benzo(a)pyrene | A | ug/L | 2.02227 | 2.02227 | | 2 | 0 | 0 | 0.0347 | 0.1 | 10 | 101% | 80 | 120 | 0% | |
| Benzo(b)fluoranthene | A | ug/L | 2.05046 | 2.05046 | | 2 | 0 | 0 | 0.0226 | 0.1 | 10 | 103% | 80 | 120 | 0% | |
| Benzo(g,h,i)perylene | A | ug/L | 2.03611 | 2.03611 | | 2 | 0 | 0 | 0.0267 | 0.1 | 10 | 102% | 80 | 120 | 0% | |
| Benzo(k)fluoranthene | A | ug/L | 2.00851 | 2.00851 | | 2 | 0 | 0 | 0.0295 | 0.1 | 10 | 100% | 80 | 120 | 0% | |
| Chrysene | A | ug/L | 1.87497 | 1.87497 | | 2 | 0 | 0 | 0.0458 | 0.1 | 10 | 94% | 80 | 120 | 0% | |
| Dibenzo(a,h)anthracene | A | ug/L | 2.06211 | 2.06211 | | 2 | 0 | 0 | 0.0367 | 0.1 | 10 | 103% | 80 | 120 | 0% | |
| Fluoranthene | A | ug/L | 2.04563 | 2.04563 | | 2 | 0 | 0 | 0.0233 | 0.1 | 10 | 102% | 80 | 120 | 0% | |
| Fluorene | A | ug/L | 2.13594 | 2.13594 | | 2 | 0 | 0 | 0.0225 | 0.1 | 10 | 107% | 80 | 120 | 0% | |
| Indeno(1,2,3-cd)pyrene | A | ug/L | 2.02708 | 2.02708 | | 2 | 0 | 0 | 0.0491 | 0.1 | 10 | 101% | 80 | 120 | 0% | |
| Naphthalene | A | ug/L | 2.02215 | 2.02215 | | 2 | 0 | 0 | 0.029 | 0.1 | 10 | 101% | 80 | 120 | 0% | |
| Phenanthrene | A | ug/L | 2.03837 | 2.03837 | | 2 | 0 | 0 | 0.0295 | 0.1 | 10 | 102% | 80 | 120 | 0% | |
| Pyrene | A | ug/L | 1.91862 | 1.91862 | | 2 | 0 | 0 | 0.0239 | 0.1 | 10 | 96% | 80 | 120 | 0% | |
| 1,4-Dichlorobenzene-d4 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| Acenaphthene-d10 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| Chrysene-d12 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| Naphthalene-d8 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| Perylene-d12 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| Phenanthrene-d10 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| 2-Fluorobiphenyl | S | ug/L | 2.08474 | 2.08474 | | 2 | 0 | 0 | 0.0444 | 0.1 | 10 | 104% | 80 | 120 | 0% | |
| Nitrobenzene-d5 | S | ug/L | 1.91715 | 1.91715 | | 2 | 0 | 0 | 0.0523 | 0.1 | 10 | 96% | 80 | 120 | 0% | |
| Terphenyl-d14 | S | ug/L | 1.86421 | 1.86421 | | 2 | 0 | 0 | 0.0563 | 0.1 | 10 | 93% | 80 | 120 | 0% | |
| o-Terphenyl | X | ug/L | 1.92006 | 1.92006 | | 2 | 0 | 0 | 0.0654 | 0.1 | 10 | 96% | 80 | 120 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14937748 | 20-Dec-21_CAL | SVOC-8270-W- | ICAL | /5975.I\sh122021\12/20/2021 5:44: | | 1 | R372112 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14937748 | 20-Dec-21_CAL | SVOC-8270-W- | ICAL | /5975.I\sh122021\12/20/2021 5:44: | | 1 | R372112 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | A | ug/L | 1.05679 | 1.05679 | | 1 | 0 | 0 | 0.0206 | 0.1 | 10 | 106% | 80 | 120 | 0% | |
| 2-Methylnaphthalene | A | ug/L | 1.07947 | 1.07947 | | 1 | 0 | 0 | 0.0176 | 0.1 | 10 | 108% | 80 | 120 | 0% | |
| Acenaphthene | A | ug/L | 1 | 1 | | 1 | 0 | 0 | 0.0317 | 0.1 | 10 | 100% | 80 | 120 | 0% | |
| Acenaphthylene | A | ug/L | 0.98885 | 0.98885 | | 1 | 0 | 0 | 0.025 | 0.1 | 10 | 99% | 80 | 120 | 0% | |
| Anthracene | A | ug/L | 0.91714 | 0.91714 | | 1 | 0 | 0 | 0.0283 | 0.1 | 10 | 92% | 80 | 120 | 0% | |
| Benzo(a)anthracene | A | ug/L | 1.03821 | 1.03821 | | 1 | 0 | 0 | 0.0272 | 0.1 | 10 | 104% | 80 | 120 | 0% | |
| Benzo(a)pyrene | A | ug/L | 1.04007 | 1.04007 | | 1 | 0 | 0 | 0.0347 | 0.1 | 10 | 104% | 80 | 120 | 0% | |
| Benzo(b)fluoranthene | A | ug/L | 1.00516 | 1.00516 | | 1 | 0 | 0 | 0.0226 | 0.1 | 10 | 101% | 80 | 120 | 0% | |
| Benzo(g,h,i)perylene | A | ug/L | 0.97915 | 0.97915 | | 1 | 0 | 0 | 0.0267 | 0.1 | 10 | 98% | 80 | 120 | 0% | |
| Benzo(k)fluoranthene | A | ug/L | 1.03597 | 1.03597 | | 1 | 0 | 0 | 0.0295 | 0.1 | 10 | 104% | 80 | 120 | 0% | |
| Chrysene | A | ug/L | 0.99414 | 0.99414 | | 1 | 0 | 0 | 0.0458 | 0.1 | 10 | 99% | 80 | 120 | 0% | |
| Dibenzo(a,h)anthracene | A | ug/L | 1.01794 | 1.01794 | | 1 | 0 | 0 | 0.0367 | 0.1 | 10 | 102% | 80 | 120 | 0% | |
| Fluoranthene | A | ug/L | 1.00364 | 1.00364 | | 1 | 0 | 0 | 0.0233 | 0.1 | 10 | 100% | 80 | 120 | 0% | |
| Fluorene | A | ug/L | 1.03115 | 1.03115 | | 1 | 0 | 0 | 0.0225 | 0.1 | 10 | 103% | 80 | 120 | 0% | |
| Indeno(1,2,3-cd)pyrene | A | ug/L | 1.02154 | 1.02154 | | 1 | 0 | 0 | 0.0491 | 0.1 | 10 | 102% | 80 | 120 | 0% | |
| Naphthalene | A | ug/L | 1.07422 | 1.07422 | | 1 | 0 | 0 | 0.029 | 0.1 | 10 | 107% | 80 | 120 | 0% | |
| Phenanthrene | A | ug/L | 1.04139 | 1.04139 | | 1 | 0 | 0 | 0.0295 | 0.1 | 10 | 104% | 80 | 120 | 0% | |
| Pyrene | A | ug/L | 0.97897 | 0.97897 | | 1 | 0 | 0 | 0.0239 | 0.1 | 10 | 98% | 80 | 120 | 0% | |
| 1,4-Dichlorobenzene-d4 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| Acenaphthene-d10 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| Chrysene-d12 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| Naphthalene-d8 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| Perylene-d12 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| Phenanthrene-d10 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| 2-Fluorobiphenyl | S | ug/L | 1.01066 | 1.01066 | | 1 | 0 | 0 | 0.0444 | 0.1 | 10 | 101% | 80 | 120 | 0% | |
| Nitrobenzene-d5 | S | ug/L | 1.02936 | 1.02936 | | 1 | 0 | 0 | 0.0523 | 0.1 | 10 | 103% | 80 | 120 | 0% | |
| Terphenyl-d14 | S | ug/L | 0.95338 | 0.95338 | | 1 | 0 | 0 | 0.0563 | 0.1 | 10 | 95% | 80 | 120 | 0% | |
| o-Terphenyl | X | ug/L | 0.97184 | 0.97184 | | 1 | 0 | 0 | 0.0654 | 0.1 | 10 | 97% | 80 | 120 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14937749 | 20-Dec-21_CAL | SVOC-8270-W- | ICAL | /5975.I\sh122021\12/20/2021 6:17: | | 1 | R372112 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14937749 | 20-Dec-21_CAL | SVOC-8270-W- | ICAL | /5975.I\sh122021\12/20/2021 6:17: | | 1 | R372112 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | A | ug/L | 0.52708 | 0.52708 | | 0.5 | 0 | 0 | 0.0206 | 0.1 | 10 | 105% | 80 | 120 | 0% | |
| 2-Methylnaphthalene | A | ug/L | 0.54659 | 0.54659 | | 0.5 | 0 | 0 | 0.0176 | 0.1 | 10 | 109% | 80 | 120 | 0% | |
| Acenaphthene | A | ug/L | 0.49377 | 0.49377 | | 0.5 | 0 | 0 | 0.0317 | 0.1 | 10 | 99% | 80 | 120 | 0% | |
| Acenaphthylene | A | ug/L | 0.49106 | 0.49106 | | 0.5 | 0 | 0 | 0.025 | 0.1 | 10 | 98% | 80 | 120 | 0% | |
| Anthracene | A | ug/L | 0.48682 | 0.48682 | | 0.5 | 0 | 0 | 0.0283 | 0.1 | 10 | 97% | 80 | 120 | 0% | |
| Benzo(a)anthracene | A | ug/L | 0.48271 | 0.48271 | | 0.5 | 0 | 0 | 0.0272 | 0.1 | 10 | 97% | 80 | 120 | 0% | |
| Benzo(a)pyrene | A | ug/L | 0.45957 | 0.45957 | | 0.5 | 0 | 0 | 0.0347 | 0.1 | 10 | 92% | 80 | 120 | 0% | |
| Benzo(b)fluoranthene | A | ug/L | 0.45716 | 0.45716 | | 0.5 | 0 | 0 | 0.0226 | 0.1 | 10 | 91% | 80 | 120 | 0% | |
| Benzo(g,h,i)perylene | A | ug/L | 0.50669 | 0.50669 | | 0.5 | 0 | 0 | 0.0267 | 0.1 | 10 | 101% | 80 | 120 | 0% | |
| Benzo(k)fluoranthene | A | ug/L | 0.44477 | 0.44477 | | 0.5 | 0 | 0 | 0.0295 | 0.1 | 10 | 89% | 80 | 120 | 0% | |
| Chrysene | A | ug/L | 0.49654 | 0.49654 | | 0.5 | 0 | 0 | 0.0458 | 0.1 | 10 | 99% | 80 | 120 | 0% | |
| Dibenzo(a,h)anthracene | A | ug/L | 0.48792 | 0.48792 | | 0.5 | 0 | 0 | 0.0367 | 0.1 | 10 | 98% | 80 | 120 | 0% | |
| Fluoranthene | A | ug/L | 0.49585 | 0.49585 | | 0.5 | 0 | 0 | 0.0233 | 0.1 | 10 | 99% | 80 | 120 | 0% | |
| Fluorene | A | ug/L | 0.51709 | 0.51709 | | 0.5 | 0 | 0 | 0.0225 | 0.1 | 10 | 103% | 80 | 120 | 0% | |
| Indeno(1,2,3-cd)pyrene | A | ug/L | 0.52233 | 0.52233 | | 0.5 | 0 | 0 | 0.0491 | 0.1 | 10 | 104% | 80 | 120 | 0% | |
| Naphthalene | A | ug/L | 0.51615 | 0.51615 | | 0.5 | 0 | 0 | 0.029 | 0.1 | 10 | 103% | 80 | 120 | 0% | |
| Phenanthrene | A | ug/L | 0.52145 | 0.52145 | | 0.5 | 0 | 0 | 0.0295 | 0.1 | 10 | 104% | 80 | 120 | 0% | |
| Pyrene | A | ug/L | 0.49293 | 0.49293 | | 0.5 | 0 | 0 | 0.0239 | 0.1 | 10 | 99% | 80 | 120 | 0% | |
| 1,4-Dichlorobenzene-d4 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| Acenaphthene-d10 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| Chrysene-d12 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| Naphthalene-d8 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| Perylene-d12 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| Phenanthrene-d10 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| 2-Fluorobiphenyl | S | ug/L | 0.49501 | 0.49501 | | 0.5 | 0 | 0 | 0.0444 | 0.1 | 10 | 99% | 80 | 120 | 0% | |
| Nitrobenzene-d5 | S | ug/L | 0.46181 | 0.46181 | | 0.5 | 0 | 0 | 0.0523 | 0.1 | 10 | 92% | 80 | 120 | 0% | |
| Terphenyl-d14 | S | ug/L | 0.47948 | 0.47948 | | 0.5 | 0 | 0 | 0.0563 | 0.1 | 10 | 96% | 80 | 120 | 0% | |
| o-Terphenyl | X | ug/L | 0.50142 | 0.50142 | | 0.5 | 0 | 0 | 0.0654 | 0.1 | 10 | 100% | 80 | 120 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14937750 | 20-Dec-21_CAL | SVOC-8270-W- | ICAL | /5975.I\sh122021\12/20/2021 6:50: | | 1 | R372112 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14937750 | 20-Dec-21_CAL | SVOC-8270-W- | ICAL | /5975.I\sh122021\12/20/2021 6:50: | | 1 | R372112 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | A | ug/L | 0.20405 | 0.20405 | | 0.2 | 0 | 0 | 0.0206 | 0.1 | 10 | 102% | 80 | 120 | 0% | |
| 2-Methylnaphthalene | A | ug/L | 0.19946 | 0.19946 | | 0.2 | 0 | 0 | 0.0176 | 0.1 | 10 | 100% | 80 | 120 | 0% | |
| Acenaphthene | A | ug/L | 0.19862 | 0.19862 | | 0.2 | 0 | 0 | 0.0317 | 0.1 | 10 | 99% | 80 | 120 | 0% | |
| Acenaphthylene | A | ug/L | 0.19841 | 0.19841 | | 0.2 | 0 | 0 | 0.025 | 0.1 | 10 | 99% | 80 | 120 | 0% | |
| Anthracene | A | ug/L | 0.20124 | 0.20124 | | 0.2 | 0 | 0 | 0.0283 | 0.1 | 10 | 101% | 80 | 120 | 0% | |
| Benzo(a)anthracene | A | ug/L | 0.19922 | 0.19922 | | 0.2 | 0 | 0 | 0.0272 | 0.1 | 10 | 100% | 80 | 120 | 0% | |
| Benzo(a)pyrene | A | ug/L | 0.19023 | 0.19023 | | 0.2 | 0 | 0 | 0.0347 | 0.1 | 10 | 95% | 80 | 120 | 0% | |
| Benzo(b)fluoranthene | A | ug/L | 0.18277 | 0.18277 | | 0.2 | 0 | 0 | 0.0226 | 0.1 | 10 | 91% | 80 | 120 | 0% | |
| Benzo(g,h,i)perylene | A | ug/L | 0.19069 | 0.19069 | | 0.2 | 0 | 0 | 0.0267 | 0.1 | 10 | 95% | 80 | 120 | 0% | |
| Benzo(k)fluoranthene | A | ug/L | 0.18295 | 0.18295 | | 0.2 | 0 | 0 | 0.0295 | 0.1 | 10 | 91% | 80 | 120 | 0% | |
| Chrysene | A | ug/L | 0.21874 | 0.21874 | | 0.2 | 0 | 0 | 0.0458 | 0.1 | 10 | 109% | 80 | 120 | 0% | |
| Dibenzo(a,h)anthracene | A | ug/L | 0.1895 | 0.1895 | | 0.2 | 0 | 0 | 0.0367 | 0.1 | 10 | 95% | 80 | 120 | 0% | |
| Fluoranthene | A | ug/L | 0.19085 | 0.19085 | | 0.2 | 0 | 0 | 0.0233 | 0.1 | 10 | 95% | 80 | 120 | 0% | |
| Fluorene | A | ug/L | 0.19821 | 0.19821 | | 0.2 | 0 | 0 | 0.0225 | 0.1 | 10 | 99% | 80 | 120 | 0% | |
| Indeno(1,2,3-cd)pyrene | A | ug/L | 0.18852 | 0.18852 | | 0.2 | 0 | 0 | 0.0491 | 0.1 | 10 | 94% | 80 | 120 | 0% | |
| Naphthalene | A | ug/L | 0.1989 | 0.1989 | | 0.2 | 0 | 0 | 0.029 | 0.1 | 10 | 99% | 80 | 120 | 0% | |
| Phenanthrene | A | ug/L | 0.19034 | 0.19034 | | 0.2 | 0 | 0 | 0.0295 | 0.1 | 10 | 95% | 80 | 120 | 0% | |
| Pyrene | A | ug/L | 0.20232 | 0.20232 | | 0.2 | 0 | 0 | 0.0239 | 0.1 | 10 | 101% | 80 | 120 | 0% | |
| 1,4-Dichlorobenzene-d4 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| Acenaphthene-d10 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| Chrysene-d12 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| Naphthalene-d8 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| Perylene-d12 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| Phenanthrene-d10 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| 2-Fluorobiphenyl | S | ug/L | 0.19852 | 0.19852 | | 0.2 | 0 | 0 | 0.0444 | 0.1 | 10 | 99% | 80 | 120 | 0% | |
| Nitrobenzene-d5 | S | ug/L | 0.18485 | 0.18485 | | 0.2 | 0 | 0 | 0.0523 | 0.1 | 10 | 92% | 80 | 120 | 0% | |
| Terphenyl-d14 | S | ug/L | 0.21741 | 0.21741 | | 0.2 | 0 | 0 | 0.0563 | 0.1 | 10 | 109% | 80 | 120 | 0% | |
| o-Terphenyl | X | ug/L | 0.20139 | 0.20139 | | 0.2 | 0 | 0 | 0.0654 | 0.1 | 10 | 101% | 80 | 120 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14937751 | 20-Dec-21_CAL | SVOC-8270-W- | ICAL | /5975.I\sh122021\12/20/2021 7:22: | | 1 | R372112 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14937751 | 20-Dec-21_CAL | SVOC-8270-W- | ICAL | /5975.I\sh122021\12/20/2021 7:22: | | 1 | R372112 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | A | ug/L | 0.0896 | 0.0896 | | 0.1 | 0 | 0 | 0.0206 | 0.1 | 10 | 90% | 50 | 150 | 0% | |
| 2-Methylnaphthalene | A | ug/L | 0.08679 | 0.08679 | | 0.1 | 0 | 0 | 0.0176 | 0.1 | 10 | 87% | 50 | 150 | 0% | |
| Acenaphthene | A | ug/L | 0.10042 | 0.10042 | | 0.1 | 0 | 0 | 0.0317 | 0.1 | 10 | 100% | 50 | 150 | 0% | |
| Acenaphthylene | A | ug/L | 0.10232 | 0.10232 | | 0.1 | 0 | 0 | 0.025 | 0.1 | 10 | 102% | 50 | 150 | 0% | |
| Anthracene | A | ug/L | 0.11647 | 0.11647 | | 0.1 | 0 | 0 | 0.0283 | 0.1 | 10 | 116% | 50 | 150 | 0% | |
| Benzo(a)anthracene | A | ug/L | 0.10047 | 0.10047 | | 0.1 | 0 | 0 | 0.0272 | 0.1 | 10 | 100% | 50 | 150 | 0% | |
| Benzo(a)pyrene | A | ug/L | 0.10828 | 0.10828 | | 0.1 | 0 | 0 | 0.0347 | 0.1 | 10 | 108% | 50 | 150 | 0% | |
| Benzo(b)fluoranthene | A | ug/L | 0.10877 | 0.10877 | | 0.1 | 0 | 0 | 0.0226 | 0.1 | 10 | 109% | 50 | 150 | 0% | |
| Benzo(g,h,i)perylene | A | ug/L | 0.10397 | 0.10397 | | 0.1 | 0 | 0 | 0.0267 | 0.1 | 10 | 104% | 50 | 150 | 0% | |
| Benzo(k)fluoranthene | A | ug/L | 0.11519 | 0.11519 | | 0.1 | 0 | 0 | 0.0295 | 0.1 | 10 | 115% | 50 | 150 | 0% | |
| Chrysene | A | ug/L | 0.11573 | 0.11573 | | 0.1 | 0 | 0 | 0.0458 | 0.1 | 10 | 116% | 50 | 150 | 0% | |
| Dibenzo(a,h)anthracene | A | ug/L | 0.10412 | 0.10412 | | 0.1 | 0 | 0 | 0.0367 | 0.1 | 10 | 104% | 50 | 150 | 0% | |
| Fluoranthene | A | ug/L | 0.10374 | 0.10374 | | 0.1 | 0 | 0 | 0.0233 | 0.1 | 10 | 104% | 50 | 150 | 0% | |
| Fluorene | A | ug/L | 0.09215 | 0.09215 | | 0.1 | 0 | 0 | 0.0225 | 0.1 | 10 | 92% | 50 | 150 | 0% | |
| Indeno(1,2,3-cd)pyrene | A | ug/L | 0.09903 | 0.09903 | | 0.1 | 0 | 0 | 0.0491 | 0.1 | 10 | 99% | 50 | 150 | 0% | |
| Naphthalene | A | ug/L | 0.09176 | 0.09176 | | 0.1 | 0 | 0 | 0.029 | 0.1 | 10 | 92% | 50 | 150 | 0% | |
| Phenanthrene | A | ug/L | 0.09691 | 0.09691 | | 0.1 | 0 | 0 | 0.0295 | 0.1 | 10 | 97% | 50 | 150 | 0% | |
| Pyrene | A | ug/L | 0.11646 | 0.11646 | | 0.1 | 0 | 0 | 0.0239 | 0.1 | 10 | 116% | 50 | 150 | 0% | |
| 1,4-Dichlorobenzene-d4 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| Acenaphthene-d10 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| Chrysene-d12 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| Naphthalene-d8 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| Perylene-d12 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| Phenanthrene-d10 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| 2-Fluorobiphenyl | S | ug/L | 0.09869 | 0.09869 | | 0.1 | 0 | 0 | 0.0444 | 0.1 | 10 | 99% | 50 | 150 | 0% | |
| Nitrobenzene-d5 | S | ug/L | 0.11413 | 0.11413 | | 0.1 | 0 | 0 | 0.0523 | 0.1 | 10 | 114% | 50 | 150 | 0% | |
| Terphenyl-d14 | S | ug/L | 0.12342 | 0.12342 | | 0.1 | 0 | 0 | 0.0563 | 0.1 | 10 | 123% | 50 | 150 | 0% | |
| o-Terphenyl | X | ug/L | 0.12779 | 0.12779 | | 0.1 | 0 | 0 | 0.0654 | 0.1 | 10 | 128% | 50 | 150 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14937752 | 20-Dec-21_CCV | SVOC-8270-W- | ICV | /5975.I\sh122021\12/20/2021 7:55: | | 1 | R372112 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14937752 | 20-Dec-21_CCV | SVOC-8270-W- | ICV | /5975.I\sh122021\12/20/2021 7:55: | | 1 | R372112 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | A | ug/L | 2.27834 | 2.27834 | | 2 | 0 | 0 | 0.0206 | 0.1 | 10 | 114% | 80 | 120 | 0% | |
| 2-Methylnaphthalene | A | ug/L | 2.30815 | 2.30815 | | 2 | 0 | 0 | 0.0176 | 0.1 | 10 | 115% | 80 | 120 | 0% | |
| Acenaphthene | A | ug/L | 2.36387 | 2.36387 | | 2 | 0 | 0 | 0.0317 | 0.1 | 10 | 118% | 80 | 120 | 0% | |
| Acenaphthylene | A | ug/L | 2.14501 | 2.14501 | | 2 | 0 | 0 | 0.025 | 0.1 | 10 | 107% | 80 | 120 | 0% | |
| Anthracene | A | ug/L | 2.06013 | 2.06013 | | 2 | 0 | 0 | 0.0283 | 0.1 | 10 | 103% | 80 | 120 | 0% | |
| Benzo(a)anthracene | A | ug/L | 2.38454 | 2.38454 | | 2 | 0 | 0 | 0.0272 | 0.1 | 10 | 119% | 80 | 120 | 0% | |
| Benzo(a)pyrene | A | ug/L | 2.17343 | 2.17343 | | 2 | 0 | 0 | 0.0347 | 0.1 | 10 | 109% | 80 | 120 | 0% | |
| Benzo(b)fluoranthene | A | ug/L | 2.40085 | 2.40085 | | 2 | 0 | 0 | 0.0226 | 0.1 | 10 | 120% | 80 | 120 | 0% | |
| Benzo(g,h,i)perylene | A | ug/L | 2.12446 | 2.12446 | | 2 | 0 | 0 | 0.0267 | 0.1 | 10 | 106% | 80 | 120 | 0% | |
| Benzo(k)fluoranthene | A | ug/L | 2.1304 | 2.1304 | | 2 | 0 | 0 | 0.0295 | 0.1 | 10 | 107% | 80 | 120 | 0% | |
| Chrysene | A | ug/L | 2.14903 | 2.14903 | | 2 | 0 | 0 | 0.0458 | 0.1 | 10 | 107% | 80 | 120 | 0% | |
| Dibenzo(a,h)anthracene | A | ug/L | 2.28753 | 2.28753 | | 2 | 0 | 0 | 0.0367 | 0.1 | 10 | 114% | 80 | 120 | 0% | |
| Fluoranthene | A | ug/L | 2.2408 | 2.2408 | | 2 | 0 | 0 | 0.0233 | 0.1 | 10 | 112% | 80 | 120 | 0% | |
| Fluorene | A | ug/L | 2.27682 | 2.27682 | | 2 | 0 | 0 | 0.0225 | 0.1 | 10 | 114% | 80 | 120 | 0% | |
| Indeno(1,2,3-cd)pyrene | A | ug/L | 2.28409 | 2.28409 | | 2 | 0 | 0 | 0.0491 | 0.1 | 10 | 114% | 80 | 120 | 0% | |
| Naphthalene | A | ug/L | 2.25748 | 2.25748 | | 2 | 0 | 0 | 0.029 | 0.1 | 10 | 113% | 80 | 120 | 0% | |
| Phenanthrene | A | ug/L | 2.34461 | 2.34461 | | 2 | 0 | 0 | 0.0295 | 0.1 | 10 | 117% | 80 | 120 | 0% | |
| Pyrene | A | ug/L | 2.08605 | 2.08605 | | 2 | 0 | 0 | 0.0239 | 0.1 | 10 | 104% | 80 | 120 | 0% | |
| 1,4-Dichlorobenzene-d4 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| Acenaphthene-d10 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| Chrysene-d12 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| Naphthalene-d8 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| Perylene-d12 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| Phenanthrene-d10 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | | | 0% | |
| 2-Fluorobiphenyl | S | ug/L | 2.167 | 2.167 | | 2 | 0 | 0 | 0.0444 | 0.1 | 10 | 108% | 80 | 120 | 0% | |
| Nitrobenzene-d5 | S | ug/L | 2.19303 | 2.19303 | | 2 | 0 | 0 | 0.0523 | 0.1 | 10 | 110% | 80 | 120 | 0% | |
| Terphenyl-d14 | S | ug/L | 2.24451 | 2.24451 | | 2 | 0 | 0 | 0.0563 | 0.1 | 10 | 112% | 80 | 120 | 0% | |
| o-Terphenyl | X | ug/L | 2.26499 | 2.26499 | | 2 | 0 | 0 | 0.0654 | 0.1 | 10 | 113% | 80 | 120 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14937753 | 20-Dec-21_ISTB | SVOC-8270-W- | SAMP | /5975.I\sh122021\12/20/2021 8:27: | | 1 | R372112 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14937753 | 20-Dec-21_ISTB | SVOC-8270-W- | SAMP | /5975.I\sh122021\12/20/2021 8:27: | | 1 | R372112 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0206 | 0.1 | 10 | 0% | 0 | 0 | 0% | |
| 2-Methylnaphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0176 | 0.1 | 10 | 0% | 0 | 0 | 0% | |
| Acenaphthene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0317 | 0.1 | 10 | 0% | 0 | 0 | 0% | |
| Acenaphthylene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.025 | 0.1 | 10 | 0% | 0 | 0 | 0% | |
| Anthracene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0283 | 0.1 | 10 | 0% | 0 | 0 | 0% | |
| Benzo(a)anthracene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0272 | 0.1 | 10 | 0% | 0 | 0 | 0% | |
| Benzo(a)pyrene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0347 | 0.1 | 10 | 0% | 0 | 0 | 0% | |
| Benzo(b)fluoranthene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0226 | 0.1 | 10 | 0% | 0 | 0 | 0% | |
| Benzo(g,h,i)perylene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0267 | 0.1 | 10 | 0% | 0 | 0 | 0% | |
| Benzo(k)fluoranthene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0295 | 0.1 | 10 | 0% | 0 | 0 | 0% | |
| Chrysene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0458 | 0.1 | 10 | 0% | 0 | 0 | 0% | |
| Dibenzo(a,h)anthracene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0367 | 0.1 | 10 | 0% | 0 | 0 | 0% | |
| Fluoranthene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0233 | 0.1 | 10 | 0% | 0 | 0 | 0% | |
| Fluorene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0225 | 0.1 | 10 | 0% | 0 | 0 | 0% | |
| Indeno(1,2,3-cd)pyrene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0491 | 0.1 | 10 | 0% | 0 | 0 | 0% | |
| Naphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.029 | 0.1 | 10 | 0% | 0 | 0 | 0% | |
| Phenanthrene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0295 | 0.1 | 10 | 0% | 0 | 0 | 0% | |
| Pyrene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0239 | 0.1 | 10 | 0% | 0 | 0 | 0% | |
| 1,4-Dichlorobenzene-d4 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | 0 | 0 | 0% | |
| Acenaphthene-d10 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | 0 | 0 | 0% | |
| Chrysene-d12 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | 0 | 0 | 0% | |
| Naphthalene-d8 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | 0 | 0 | 0% | |
| Perylene-d12 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | 0 | 0 | 0% | |
| Phenanthrene-d10 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | 0 | 0 | 0% | |
| 2-Fluorobiphenyl | S | ug/L | 0 | 0 | | 5 | 0 | 0 | 0.0444 | 0.1 | 10 | 0% | 25 | 94 | 0% | S |
| Nitrobenzene-d5 | S | ug/L | 0 | 0 | | 5 | 0 | 0 | 0.0523 | 0.1 | 10 | 0% | 19 | 102 | 0% | S |
| Terphenyl-d14 | S | ug/L | 0 | 0 | | 5 | 0 | 0 | 0.0563 | 0.1 | 10 | 0% | 39 | 106 | 0% | S |
| o-Terphenyl | X | ug/L | 0 | 0 | | 200 | 0 | 0 | 0.0654 | 0.1 | 10 | 0% | 40 | 140 | 0% | S |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14937756 | MB-162302 | SVOC-8270-W- | MBLK | /5975.I\sh122021\12/20/2021 9:00: | | 1 | 162302 | 12/17/2021 | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14937756 | MB-162302 | SVOC-8270-W- | MBLK | /5975.I\sh122021\ | 12/20/2021 9:00: | 1 | 162302 | 12/17/2021 | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0206 | 0.1 | 10 | 0% | | | 0% | |
| 2-Methylnaphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0176 | 0.1 | 10 | 0% | | | 0% | |
| Naphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.029 | 0.1 | 10 | 0% | | | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14937757 | MB-162302 | SVOC-8270-W- | MBLK | /5975.I\sh122021\ | 12/20/2021 9:32: | 20 | 162302 | 12/17/2021 | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | S | ug/L | 3.40833 | 68.1666 | | 100 | 0 | 0 | 0.888 | 2 | 10 | 68% | 53 | 106 | 0% | |
| Nitrobenzene-d5 | S | ug/L | 2.57675 | 51.535 | | 100 | 0 | 0 | 1.046 | 2 | 10 | 52% | 55 | 111 | 0% | S |
| Terphenyl-d14 | S | ug/L | 4.67166 | 93.4332 | | 100 | 0 | 0 | 1.126 | 2 | 10 | 93% | 58 | 132 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14937758 | LLCS-162302 | SVOC-8270-W- | LCS-DOD | /5975.I\sh122021\ | 12/20/2021 10:0 | 1 | 162302 | 12/17/2021 | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | A | ug/L | 2.37155 | 2.37155 | | 5 | 0 | 0 | 0.0206 | 0.1 | 10 | 47% | 41 | 115 | 0% | |
| 2-Methylnaphthalene | A | ug/L | 2.54695 | 2.54695 | | 5 | 0 | 0 | 0.0176 | 0.1 | 10 | 51% | 39 | 114 | 0% | |
| Naphthalene | A | ug/L | 2.44793 | 2.44793 | | 5 | 0 | 0 | 0.029 | 0.1 | 10 | 49% | 43 | 114 | 0% | |
| 2-Fluorobiphenyl | S | ug/L | 2.96667 | 2.96667 | | 5 | 0 | 0 | 0.0444 | 0.1 | 10 | 59% | 53 | 106 | 0% | |
| Nitrobenzene-d5 | S | ug/L | 3.31607 | 3.31607 | | 5 | 0 | 0 | 0.0523 | 0.1 | 10 | 66% | 55 | 111 | 0% | |
| Terphenyl-d14 | S | ug/L | 2.73295 | 2.73295 | | 5 | 0 | 0 | 0.0563 | 0.1 | 10 | 55% | 58 | 132 | 0% | S |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14937759 | LLCSD-162302 | SVOC-8270-W- | LCSD-DOD | /5975.I\sh122021\ | 12/20/2021 10:3 | 1 | 162302 | 12/17/2021 | 0 | 1E+07 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | A | ug/L | 2.05753 | 2.05753 | | 5 | 0 | 2.37155 | 0.0206 | 0.1 | 10 | 41% | 41 | 115 | 14% | |
| 2-Methylnaphthalene | A | ug/L | 2.07473 | 2.07473 | | 5 | 0 | 2.54695 | 0.0176 | 0.1 | 10 | 41% | 39 | 114 | 20% | |
| Naphthalene | A | ug/L | 2.17277 | 2.17277 | | 5 | 0 | 2.44793 | 0.029 | 0.1 | 10 | 43% | 43 | 114 | 12% | |
| 2-Fluorobiphenyl | S | ug/L | 3.20664 | 3.20664 | | 5 | 0 | 0 | 0.0444 | 0.1 | 10 | 64% | 53 | 106 | 0% | |
| Nitrobenzene-d5 | S | ug/L | 3.14645 | 3.14645 | | 5 | 0 | 0 | 0.0523 | 0.1 | 10 | 63% | 55 | 111 | 0% | |
| Terphenyl-d14 | S | ug/L | 4.48206 | 4.48206 | | 5 | 0 | 0 | 0.0563 | 0.1 | 10 | 90% | 58 | 132 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14937760 | B21121402-001 | SVOC-8270-W- | SAMP | /5975.I\sh122021\ | 12/20/2021 11:1 | 1 | 162302 | 12/17/2021 | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14937761 | B21121402-001 | SVOC-8270-W- | SAMP | /5975.I\sh122021\ | 12/20/2021 11:4 | 20 | 162302 | 12/17/2021 | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | S | ug/L | 1.86095 | 36.84681 | | 99 | 0 | 0 | 1.03554 | 1.98 | 10 | 37% | 55 | 111 | 0% | S |
| Terphenyl-d14 | S | ug/L | 3.51645 | 69.62571 | | 99 | 0 | 0 | 1.11474 | 1.98 | 10 | 70% | 58 | 132 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14937762 | B21121402-002 | SVOC-8270-W- | SAMP | /5975.I\sh122021\ | 12/21/2021 12:1 | 1 | 162302 | 12/17/2021 | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.021424 | 0.104 | 10 | 0% | 0 | 0 | 0% | U |
| 2-Methylnaphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.018304 | 0.104 | 10 | 0% | 0 | 0 | 0% | U |
| Naphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.03016 | 0.104 | 10 | 0% | 0 | 0 | 0% | U |
| 2-Fluorobiphenyl | S | ug/L | 3.1159 | 3.240536 | | 5.2 | 0 | 0 | 0.046176 | 0.104 | 10 | 62% | 53 | 106 | 0% | |
| Nitrobenzene-d5 | S | ug/L | 2.27507 | 2.3660728 | | 5.2 | 0 | 0 | 0.054392 | 0.104 | 10 | 46% | 55 | 111 | 0% | S |
| Terphenyl-d14 | S | ug/L | 4.31684 | 4.4895136 | | 5.2 | 0 | 0 | 0.058552 | 0.104 | 10 | 86% | 58 | 132 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14937763 | B21121402-002 | SVOC-8270-W- | MS-DOD | /5975.I\sh122021\ | 12/21/2021 12:4 | 1 | 162302 | 12/17/2021 | 1E+07 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | A | ug/L | 2.8698 | 2.7865758 | | 4.855 | 0 | 0 | 0.0200026 | 0.1 | 10 | 57% | 41 | 115 | 0% | |
| 2-Methylnaphthalene | A | ug/L | 2.95839 | 2.87259669 | | 4.855 | 0 | 0 | 0.0170896 | 0.1 | 10 | 59% | 39 | 114 | 0% | |
| Naphthalene | A | ug/L | 2.93637 | 2.85121527 | | 4.855 | 0 | 0 | 0.028159 | 0.1 | 10 | 59% | 43 | 114 | 0% | |
| 2-Fluorobiphenyl | S | ug/L | 3.2608 | 3.1662368 | | 4.855 | 0 | 0 | 0.0431124 | 0.1 | 10 | 65% | 53 | 106 | 0% | |
| Nitrobenzene-d5 | S | ug/L | 3.30353 | 3.20772763 | | 4.855 | 0 | 0 | 0.0507833 | 0.1 | 10 | 66% | 55 | 111 | 0% | |
| Terphenyl-d14 | S | ug/L | 4.57222 | 4.43962562 | | 4.855 | 0 | 0 | 0.0546673 | 0.1 | 10 | 91% | 58 | 132 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14937764 | B21121402-003 | SVOC-8270-W- | SAMP | /5975.I\sh122021\ | 12/21/2021 1:20: | 1 | 162302 | 12/17/2021 | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14937764 | B21121402-003 | SVOC-8270-W- | SAMP | /5975.I\sh122021\ | 12/21/2021 1:20: | 1 | 162302 | 12/17/2021 | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.020188 | 0.1 | 10 | 0% | 0 | 0 | 0% | U |
| 2-Methylnaphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.017248 | 0.1 | 10 | 0% | 0 | 0 | 0% | U |
| Naphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.02842 | 0.1 | 10 | 0% | 0 | 0 | 0% | U |
| 2-Fluorobiphenyl | S | ug/L | 2.76661 | 2.7112778 | | 4.9 | 0 | 0 | 0.043512 | 0.1 | 10 | 55% | 53 | 106 | 0% | |
| Nitrobenzene-d5 | S | ug/L | 2.45517 | 2.4060666 | | 4.9 | 0 | 0 | 0.051254 | 0.1 | 10 | 49% | 55 | 111 | 0% | S |
| Terphenyl-d14 | S | ug/L | 4.41695 | 4.328611 | | 4.9 | 0 | 0 | 0.055174 | 0.1 | 10 | 88% | 58 | 132 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14937765 | LMB-162373 | SVOC-8270-W- | MBLK | /5975.I\sh122021\ | 12/21/2021 1:52: | 1 | 162373 | 12/20/2021 | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0206 | 0.1 | 10 | 0% | | | 0% | |
| 2-Methylnaphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0176 | 0.1 | 10 | 0% | | | 0% | |
| Naphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.029 | 0.1 | 10 | 0% | | | 0% | |
| 2-Fluorobiphenyl | S | ug/L | 3.72107 | 3.72107 | | 5 | 0 | 0 | 0.0444 | 0.1 | 10 | 74% | 53 | 106 | 0% | |
| Nitrobenzene-d5 | S | ug/L | 2.88797 | 2.88797 | | 5 | 0 | 0 | 0.0523 | 0.1 | 10 | 58% | 55 | 111 | 0% | |
| Terphenyl-d14 | S | ug/L | 4.82189 | 4.82189 | | 5 | 0 | 0 | 0.0563 | 0.1 | 10 | 96% | 58 | 132 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14937766 | LLCS-162373 | SVOC-8270-W- | LCS-DOD | /5975.I\sh122021\ | 12/21/2021 2:25: | 1 | 162373 | 12/20/2021 | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | A | ug/L | 3.33499 | 3.33499 | | 5 | 0 | 0 | 0.0206 | 0.1 | 10 | 67% | 41 | 115 | 0% | |
| 2-Methylnaphthalene | A | ug/L | 3.54368 | 3.54368 | | 5 | 0 | 0 | 0.0176 | 0.1 | 10 | 71% | 39 | 114 | 0% | |
| Naphthalene | A | ug/L | 3.48354 | 3.48354 | | 5 | 0 | 0 | 0.029 | 0.1 | 10 | 70% | 43 | 114 | 0% | |
| 2-Fluorobiphenyl | S | ug/L | 3.61447 | 3.61447 | | 5 | 0 | 0 | 0.0444 | 0.1 | 10 | 72% | 53 | 106 | 0% | |
| Nitrobenzene-d5 | S | ug/L | 3.71998 | 3.71998 | | 5 | 0 | 0 | 0.0523 | 0.1 | 10 | 74% | 55 | 111 | 0% | |
| Terphenyl-d14 | S | ug/L | 4.44941 | 4.44941 | | 5 | 0 | 0 | 0.0563 | 0.1 | 10 | 89% | 58 | 132 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14937767 | LLCSD-162373 | SVOC-8270-W- | LCSD-DOD | /5975.I\sh122021\ | 12/21/2021 2:57: | 1 | 162373 | 12/20/2021 | 0 | 1E+07 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14937767 | LLCSD-162373 | SVOC-8270-W- | LCSD-DOD | /5975.I\sh122021\ | 12/21/2021 2:57: | 1 | 162373 | 12/20/2021 | 0 | 1E+07 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | A | ug/L | 3.56137 | 3.56137 | | 5 | 0 | 3.33499 | 0.0206 | 0.1 | 10 | 71% | 41 | 115 | 7% | |
| 2-Methylnaphthalene | A | ug/L | 3.60148 | 3.60148 | | 5 | 0 | 3.54368 | 0.0176 | 0.1 | 10 | 72% | 39 | 114 | 2% | |
| Naphthalene | A | ug/L | 3.61006 | 3.61006 | | 5 | 0 | 3.48354 | 0.029 | 0.1 | 10 | 72% | 43 | 114 | 4% | |
| 2-Fluorobiphenyl | S | ug/L | 3.5645 | 3.5645 | | 5 | 0 | 0 | 0.0444 | 0.1 | 10 | 71% | 53 | 106 | 0% | |
| Nitrobenzene-d5 | S | ug/L | 3.52894 | 3.52894 | | 5 | 0 | 0 | 0.0523 | 0.1 | 10 | 71% | 55 | 111 | 0% | |
| Terphenyl-d14 | S | ug/L | 4.47629 | 4.47629 | | 5 | 0 | 0 | 0.0563 | 0.1 | 10 | 90% | 58 | 132 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14937768 | B21121001-001 | SVOC-8270-W- | SAMP | /5975.I\sh122021\ | 12/21/2021 3:30: | 1 | 162373 | 12/20/2021 | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0206 | 0.1 | 10 | 0% | 0 | 0 | 0% | U |
| 2-Methylnaphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0176 | 0.1 | 10 | 0% | 0 | 0 | 0% | U |
| Naphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.029 | 0.1 | 10 | 0% | 0 | 0 | 0% | U |
| 2-Fluorobiphenyl | S | ug/L | 3.48257 | 3.48257 | | 5 | 0 | 0 | 0.0444 | 0.1 | 10 | 70% | 53 | 106 | 0% | |
| Nitrobenzene-d5 | S | ug/L | 2.56759 | 2.56759 | | 5 | 0 | 0 | 0.0523 | 0.1 | 10 | 51% | 55 | 111 | 0% | S |
| Terphenyl-d14 | S | ug/L | 4.22881 | 4.22881 | | 5 | 0 | 0 | 0.0563 | 0.1 | 10 | 85% | 58 | 132 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14937769 | B21121019-002 | SVOC-8270-W- | SAMP | /5975.I\sh122021\ | 12/21/2021 4:02: | 1 | 162373 | 12/20/2021 | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.020806 | 0.101 | 10 | 0% | 0 | 0 | 0% | U |
| 2-Methylnaphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.017776 | 0.101 | 10 | 0% | 0 | 0 | 0% | U |
| Naphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.02929 | 0.101 | 10 | 0% | 0 | 0 | 0% | U |
| 2-Fluorobiphenyl | S | ug/L | 4.24092 | 4.2833292 | | 5.05 | 0 | 0 | 0.044844 | 0.101 | 10 | 85% | 25 | 94 | 0% | |
| Nitrobenzene-d5 | S | ug/L | 3.07138 | 3.1020938 | | 5.05 | 0 | 0 | 0.052823 | 0.101 | 10 | 61% | 19 | 102 | 0% | |
| Terphenyl-d14 | S | ug/L | 4.57821 | 4.6239921 | | 5.05 | 0 | 0 | 0.056863 | 0.101 | 10 | 92% | 39 | 106 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14937770 | 20-Dec-21_CCV | SVOC-8270-W- | CCV | /5975.I\sh122021\ | 12/21/2021 4:34: | 1 | R372112 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14937770 | 20-Dec-21_CCV | SVOC-8270-W- | CCV | /5975.I\sh122021\12/21/2021 4:34: | | 1 | R372112 | | 0 | 0 | |

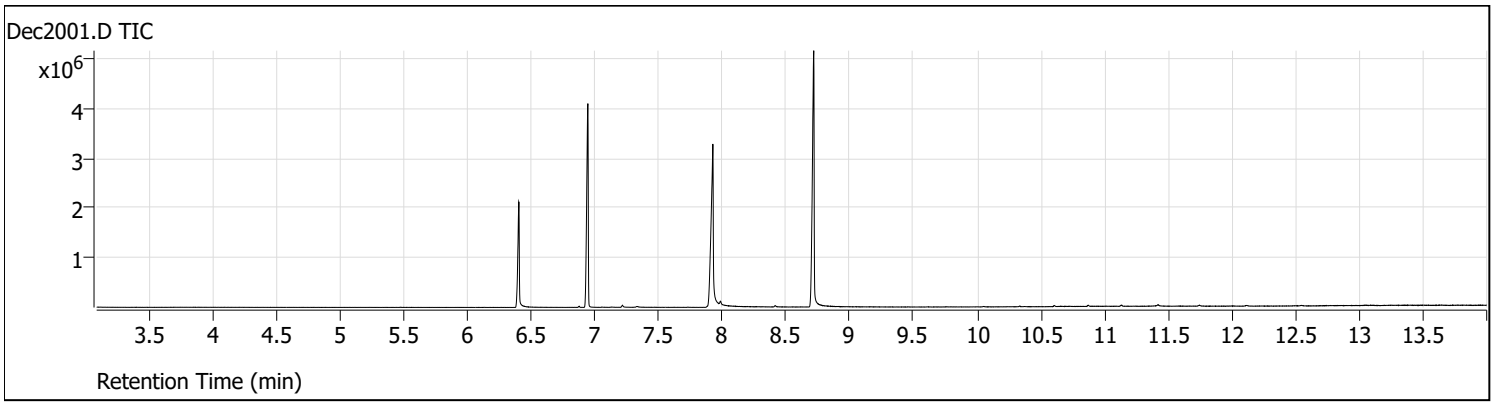
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | A | ug/L | 2.28092 | 2.28092 | | 2 | 0 | 0 | 0.0206 | 0.1 | 10 | 114% | 50 | 150 | 0% | |
| 2-Methylnaphthalene | A | ug/L | 2.37554 | 2.37554 | | 2 | 0 | 0 | 0.0176 | 0.1 | 10 | 119% | 50 | 150 | 0% | |
| Acenaphthene | A | ug/L | 2.05037 | 2.05037 | | 2 | 0 | 0 | 0.0317 | 0.1 | 10 | 103% | 50 | 150 | 0% | |
| Acenaphthylene | A | ug/L | 1.54051 | 1.54051 | | 2 | 0 | 0 | 0.025 | 0.1 | 10 | 77% | 50 | 150 | 0% | |
| Anthracene | A | ug/L | 1.96022 | 1.96022 | | 2 | 0 | 0 | 0.0283 | 0.1 | 10 | 98% | 50 | 150 | 0% | |
| Benzo(a)anthracene | A | ug/L | 2.03407 | 2.03407 | | 2 | 0 | 0 | 0.0272 | 0.1 | 10 | 102% | 50 | 150 | 0% | |
| Benzo(a)pyrene | A | ug/L | 1.99667 | 1.99667 | | 2 | 0 | 0 | 0.0347 | 0.1 | 10 | 100% | 50 | 150 | 0% | |
| Benzo(b)fluoranthene | A | ug/L | 2.00358 | 2.00358 | | 2 | 0 | 0 | 0.0226 | 0.1 | 10 | 100% | 50 | 150 | 0% | |
| Benzo(g,h,i)perylene | A | ug/L | 2.0979 | 2.0979 | | 2 | 0 | 0 | 0.0267 | 0.1 | 10 | 105% | 50 | 150 | 0% | |
| Benzo(k)fluoranthene | A | ug/L | 1.93801 | 1.93801 | | 2 | 0 | 0 | 0.0295 | 0.1 | 10 | 97% | 50 | 150 | 0% | |
| Chrysene | A | ug/L | 1.82938 | 1.82938 | | 2 | 0 | 0 | 0.0458 | 0.1 | 10 | 91% | 50 | 150 | 0% | |
| Dibenzo(a,h)anthracene | A | ug/L | 2.4658 | 2.4658 | | 2 | 0 | 0 | 0.0367 | 0.1 | 10 | 123% | 50 | 150 | 0% | |
| Fluoranthene | A | ug/L | 2.02533 | 2.02533 | | 2 | 0 | 0 | 0.0233 | 0.1 | 10 | 101% | 50 | 150 | 0% | |
| Fluorene | A | ug/L | 2.08534 | 2.08534 | | 2 | 0 | 0 | 0.0225 | 0.1 | 10 | 104% | 50 | 150 | 0% | |
| Indeno(1,2,3-cd)pyrene | A | ug/L | 2.37972 | 2.37972 | | 2 | 0 | 0 | 0.0491 | 0.1 | 10 | 119% | 50 | 150 | 0% | |
| Naphthalene | A | ug/L | 2.47098 | 2.47098 | | 2 | 0 | 0 | 0.029 | 0.1 | 10 | 124% | 50 | 150 | 0% | |
| Phenanthrene | A | ug/L | 2.10155 | 2.10155 | | 2 | 0 | 0 | 0.0295 | 0.1 | 10 | 105% | 50 | 150 | 0% | |
| Pyrene | A | ug/L | 1.82083 | 1.82083 | | 2 | 0 | 0 | 0.0239 | 0.1 | 10 | 91% | 50 | 150 | 0% | |
| 1,4-Dichlorobenzene-d4 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | 50 | 150 | 0% | |
| Acenaphthene-d10 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | 50 | 150 | 0% | |
| Chrysene-d12 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | 50 | 150 | 0% | |
| Naphthalene-d8 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | 50 | 150 | 0% | |
| Perylene-d12 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | 50 | 150 | 0% | |
| Phenanthrene-d10 | I | ug/L | 40 | 40 | | 0 | 0 | 0 | 0.1 | 0.1 | | 0% | 50 | 150 | 0% | |
| 2-Fluorobiphenyl | S | ug/L | 2.22357 | 2.22357 | | 2 | 0 | 0 | 0.0444 | 0.1 | 10 | 111% | 50 | 150 | 0% | |
| Nitrobenzene-d5 | S | ug/L | 1.60632 | 1.60632 | | 2 | 0 | 0 | 0.0523 | 0.1 | 10 | 80% | 50 | 150 | 0% | |
| Terphenyl-d14 | S | ug/L | 1.77993 | 1.77993 | | 2 | 0 | 0 | 0.0563 | 0.1 | 10 | 89% | 50 | 150 | 0% | |
| o-Terphenyl | X | ug/L | 1.74902 | 1.74902 | | 2 | 0 | 0 | 0.0654 | 0.1 | 10 | 87% | 50 | 150 | 0% | |

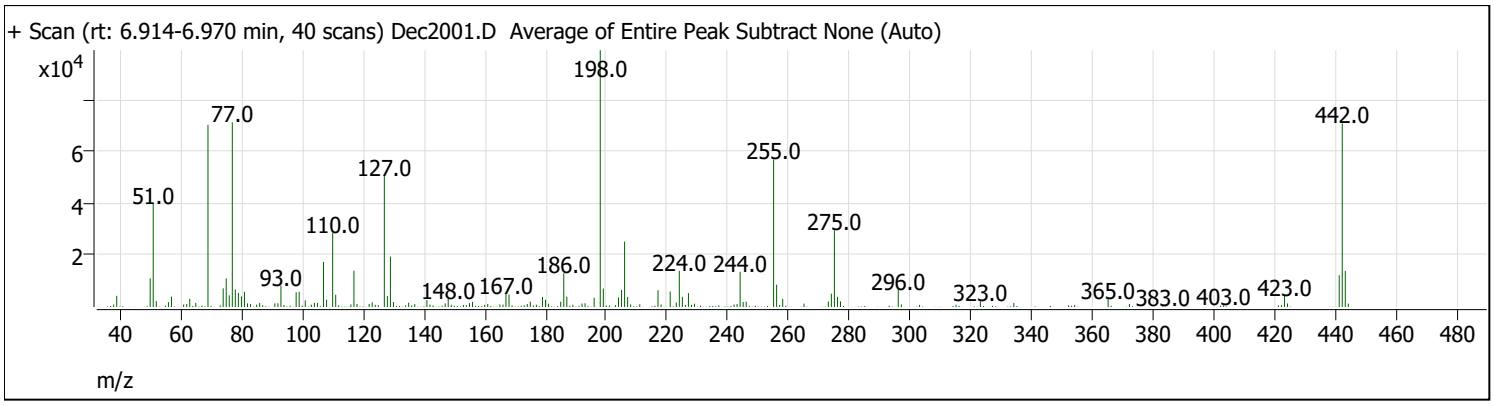
Write Sequence | Insert Entries(Have the first cell for entries selecte

| File Name | Sample Name | Line No. | Test Code | Multiplier | Divisor | Method Name |
|---|---|---|---|---|---|---|
| Dec2001.d | 20-Dec-21_TUNE_1 | 1 | | 1 | 1 | 5975Tune.M |
| Dec2002.d | 20-Dec-21_CAL_7 | 2 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2003.d | 20-Dec-21_CAL_6 | 3 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2004.d | 20-Dec-21_CAL_5 | 4 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2005.d | 20-Dec-21_CAL_4 | 5 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2006.d | 20-Dec-21_CAL_3 | 6 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2007.d | 20-Dec-21_CAL_2 | 7 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2008.d | 20-Dec-21_CAL_1 | 8 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2009.d | 20-Dec-21_CCV_9 | 9 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2010.d | 20-Dec-21_ISTBLK_10 | 10 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2011.d | MB-162302 | 11 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2012.d | MB-162302 | 12 | SVOC-8270-W-LLPAH | 20 | 1 | 5975BNASIM.M |
| Dec2013.d | LLCS-162302 | 13 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2014.d | LLCSD-162302 | 14 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2015.d | B21121402-001A | 15 | SVOC-8270-W-LLPAH | 20 | 1 | 5975BNASIM.M |
| Dec2016.d | B21121402-001A | 16 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2017.d | B21121402-002A | 17 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2018.d | B21121402-002ALMS | 18 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2019.d | B21121402-003A | 19 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2020.d | LMB-162373 | 20 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2021.d | LLCS-162373 | 21 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2022.d | LLCSD-162373 | 22 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2023.d | B21121001-001A | 23 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2024.d | B21121019-002A | 24 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2025.d | 20-Dec-21_CCV_25 | 25 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |

# Tune Evaluation Report

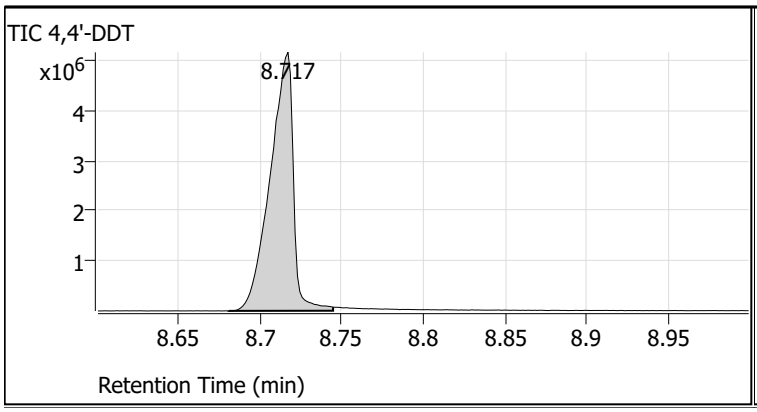
| | |
|---|---|
| Data Path: | \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2001.D |
| Acq on: | 12/20/2021 3:42:57 PM |
| Operator: | LIMS import |
| Sample: | 20-Dec-21_TUNE_1 |
| Inst Name: | GCMS |
| ALS Vial: | 1 |
| Method: | \\MASSHUNTER\Org\Data\SV5975.I\Methods\DFTPP5975625.m |

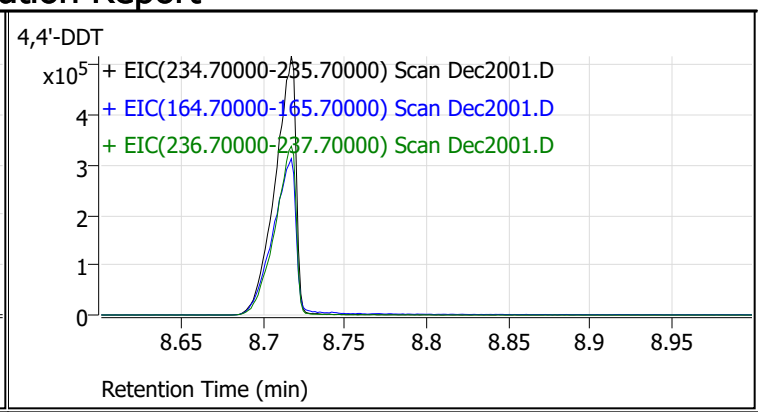


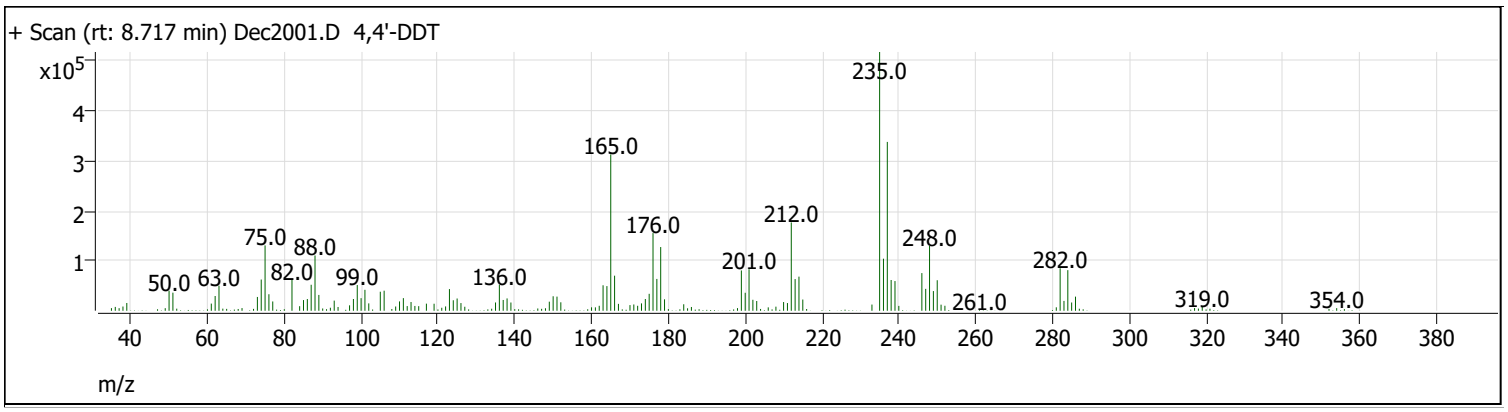



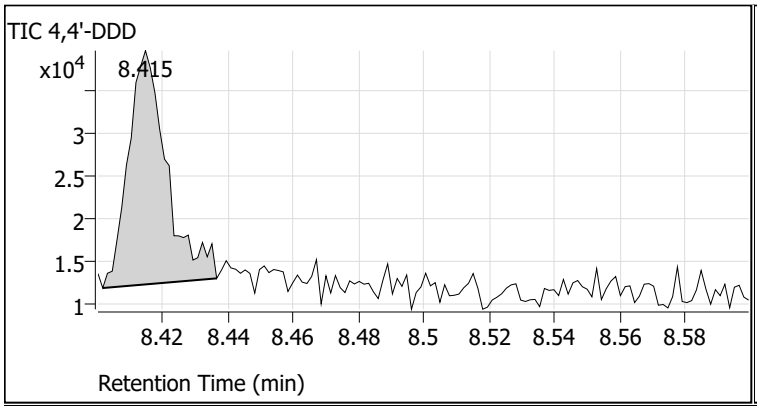

| Target Mass | Rel. To Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Pass/Fail |
|---|---|---|---|---|---|---|
| 51 | 198 | 30 | 60 | 40.1 | 39617 | Pass |
| 68 | 69 | 0 | 2 | 0.4 | 258 | Pass |
| 70 | 69 | 0 | 2 | 0.6 | 414 | Pass |
| 127 | 198 | 40 | 60 | 51.1 | 50521 | Pass |
| 197 | 198 | 0 | 1 | 0.0 | 10 | Pass |
| 198 | 198 | 100 | 100 | 100.0 | 98913 | Pass |
| 199 | 198 | 5 | 9 | 7.2 | 7115 | Pass |
| 275 | 198 | 10 | 30 | 29.9 | 29548 | Pass |
| 365 | 198 | 1 | 100 | 3.3 | 3249 | Pass |
| 441 | 443 | 1E-10 | 150 | 87.7 | 12183 | Pass |
| 442 | 198 | 40 | 100 | 71.5 | 70701 | Pass |
| 443 | 442 | 17 | 23 | 19.6 | 13891 | Pass |
| 69 | 69 | 100 | 100 | 100.0 | 70192 | Pass |

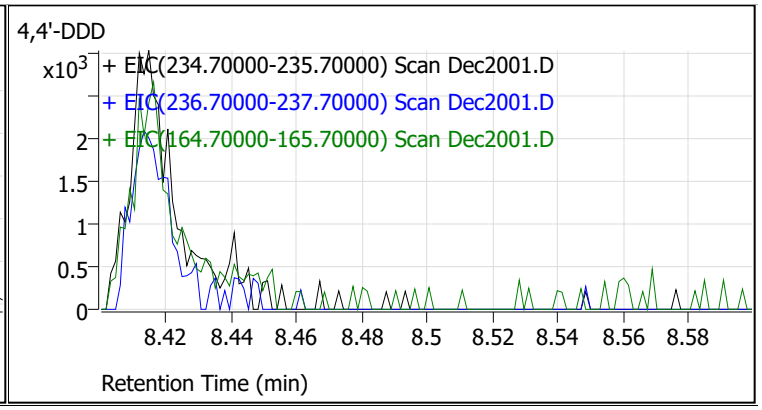
# Tune Evaluation Report

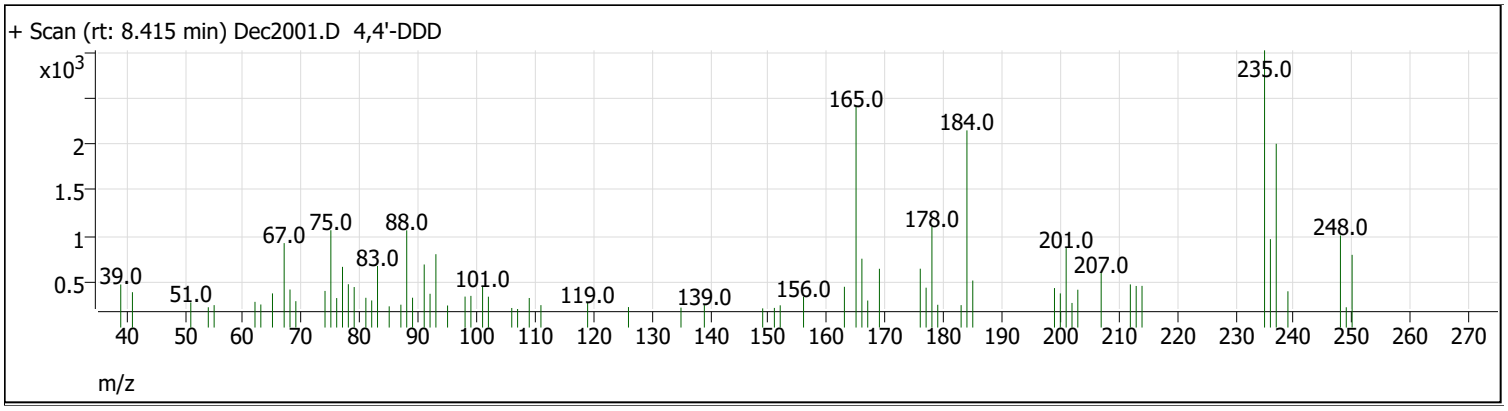


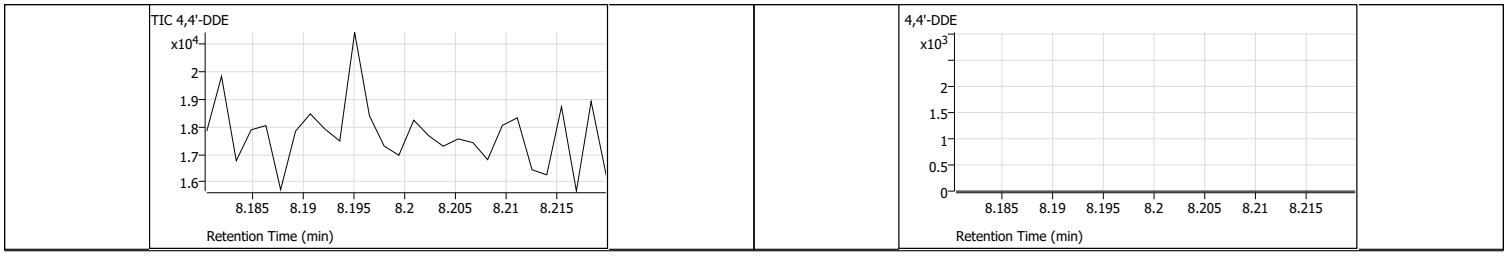



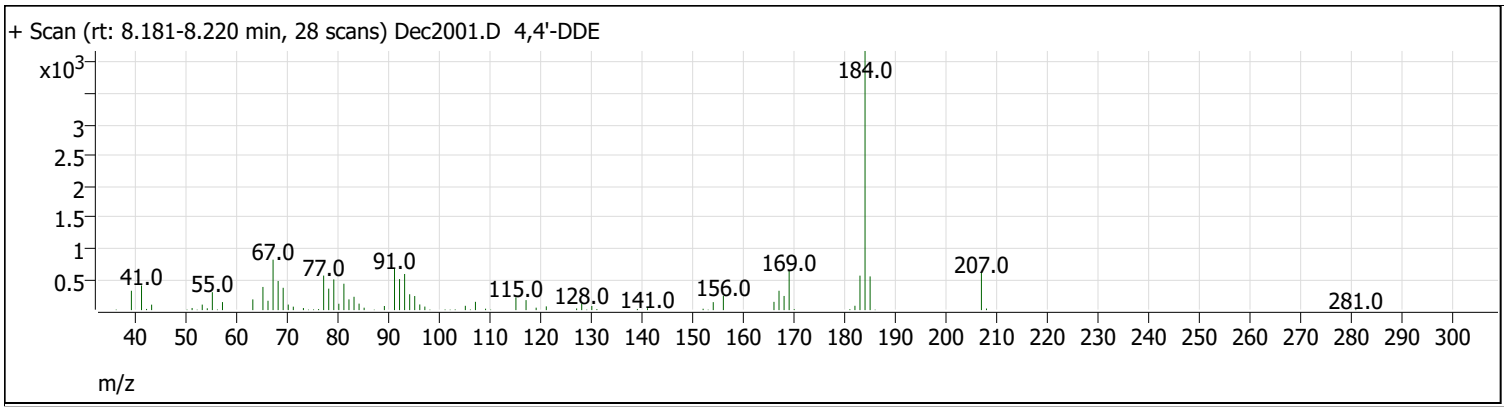



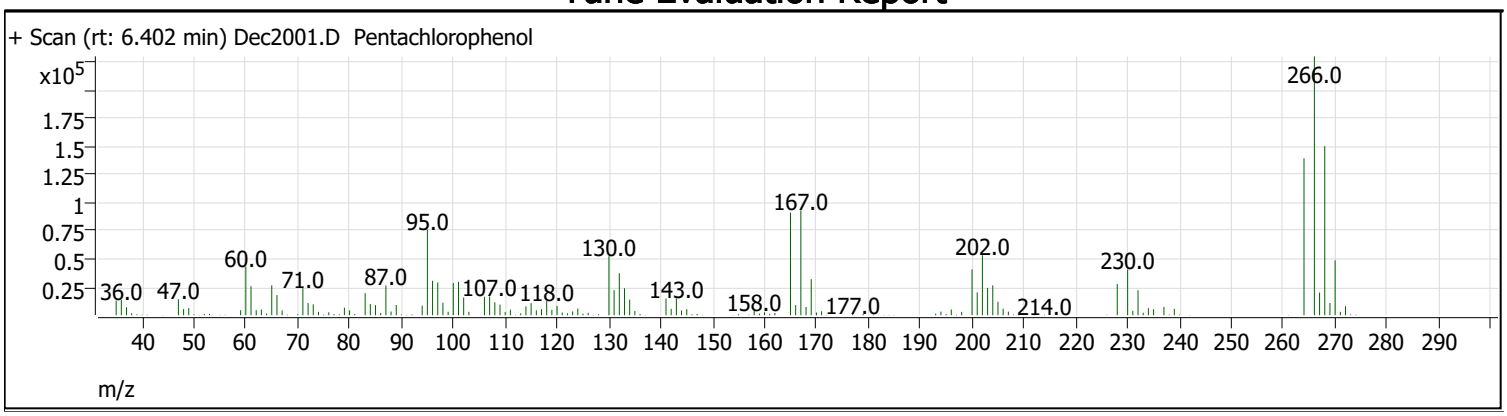



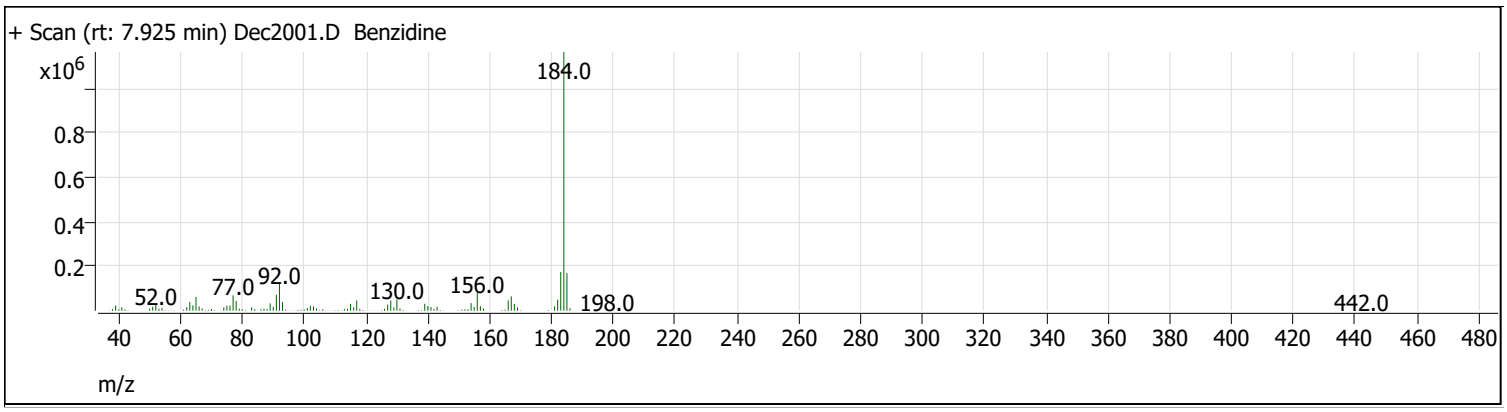
# Tune Evaluation Report




| Compound Name | Expected RT | Observed RT | TIC Area | Breakdown % | Pass/Fail |
|---|---|---|---|---|---|
| 4,4'-DDT | 8.800 | 8.717 | 5063423 | 0.4 | Pass |
| 4,4'-DDD | 8.500 | 8.415 | 22528 | | |
| 4,4'-DDE | 8.200 | 0.000 | 0 | | |

# Tune Evaluation Report



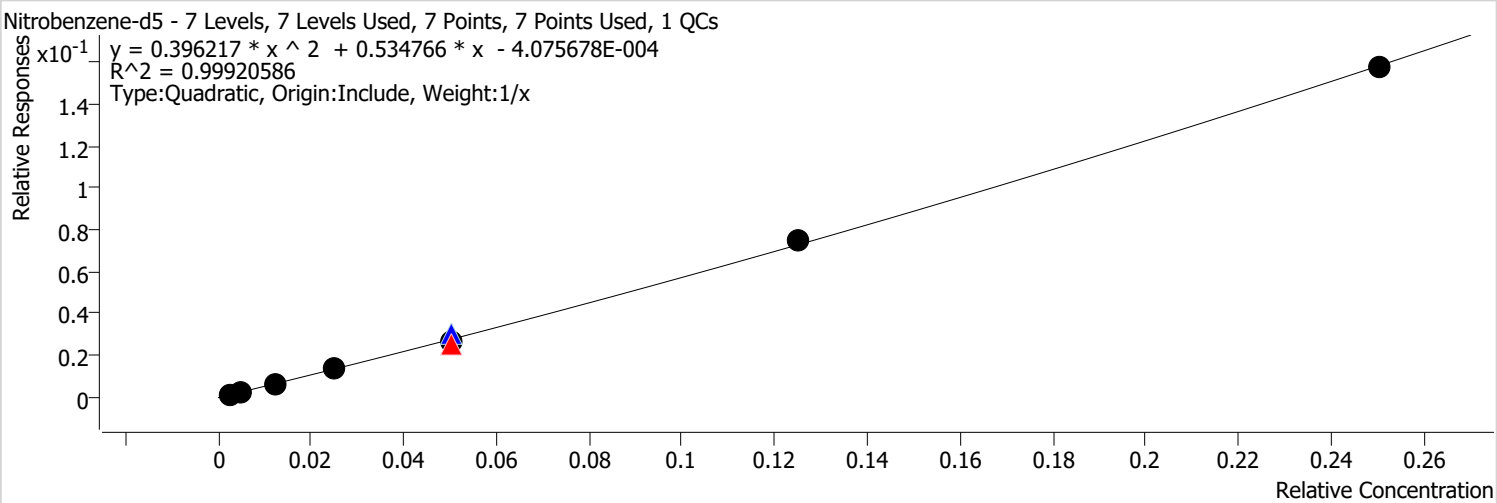




| Compound Name | Expected RT | Observed RT | Tailing Factor | PGF | Pass/Fail |
|---|---|---|---|---|---|
| Pentachlorophenol | 6.800 | 6.402 | 0.5 | 2.0 | Pass |
| Benzidine | 8.400 | 7.925 | 0.4 | 1.3 | Pass |

# Calibration Report

| | | | |
|---|---|---|---|
| **Batch Path** | \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\QuantResults\122021 bna SIM 1.batch.bin | | |
| **Analysis Time** | 12/22/2021 12:07 PM | **Analyst Name** | BL2000\jheine |
| **Report Time** | 12/22/2021 12:08:14 PM | **Reporter Name** | BL2000\jheine |
| **Last Calib Update** | 12/21/2021 8:40 AM | **Batch State** | Processed |
| **Quant Batch Version** | 10.0 | **Quant Report Version** | 10.0 |

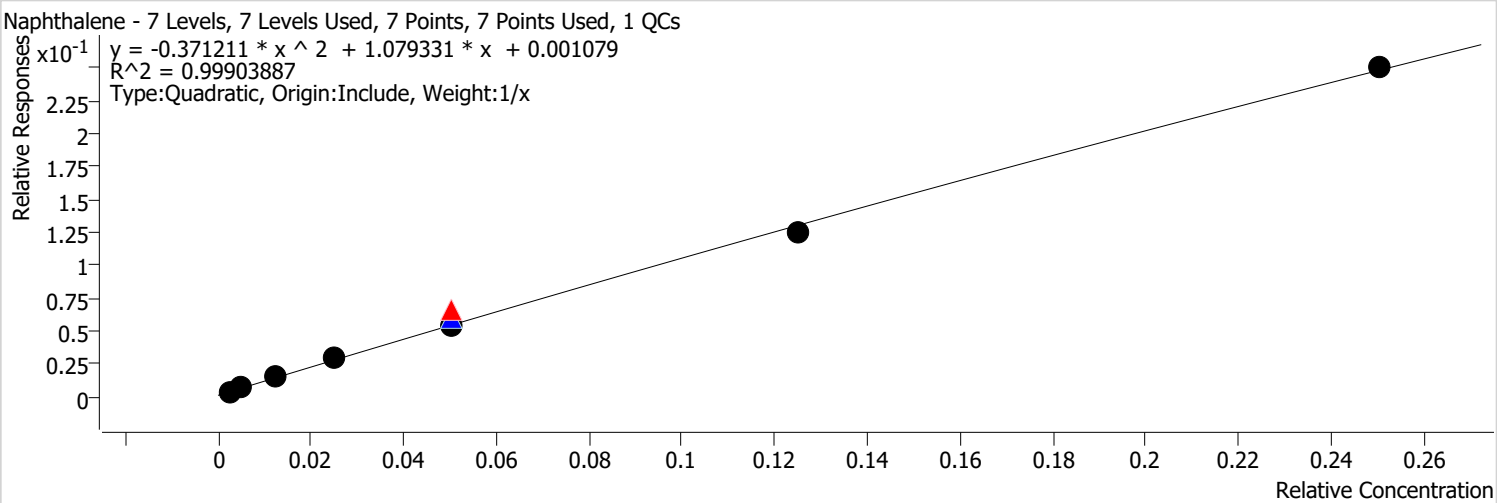
**Nitrobenzene-d5 %RSE =**




| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|---|---|---|---|---|---|---|
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2008.D | Calibration | 1 | x | 407 | 0.1000 | 0.4486 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2007.D | Calibration | 2 | x | 787 | 0.2000 | 0.4144 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2006.D | Calibration | 3 | x | 2098 | 0.5000 | 0.4655 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2005.D | Calibration | 4 | x | 4990 | 1.0000 | 0.5447 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh121421\2 e8270d bna SIM\Dec1425.D | CC | CCV | x | 10858 | 2.0000 | 0.4894 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2009.D | QC | ICV | x | 11659 | 2.0000 | 0.6020 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2004.D | Calibration | 5 | x | 10418 | 2.0000 | 0.5227 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2003.D | Calibration | 6 | x | 31352 | 5.0000 | 0.5985 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2002.D | Calibration | 7 | x | 69718 | 10.0000 | 0.6287 | |

| | | | |
|---|---|---|---|
| **Batch Path** | \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\QuantResults\122021 bna SIM 1.batch.bin | | |
| **Analysis Time** | 12/22/2021 12:07 PM | **Analyst Name** | BL2000\jheine |
| **Report Time** | 12/22/2021 12:08:18 PM | **Reporter Name** | BL2000\jheine |
| **Last Calib Update** | 12/21/2021 8:40 AM | **Batch State** | Processed |
| **Quant Batch Version** | 10.0 | **Quant Report Version** | 10.0 |

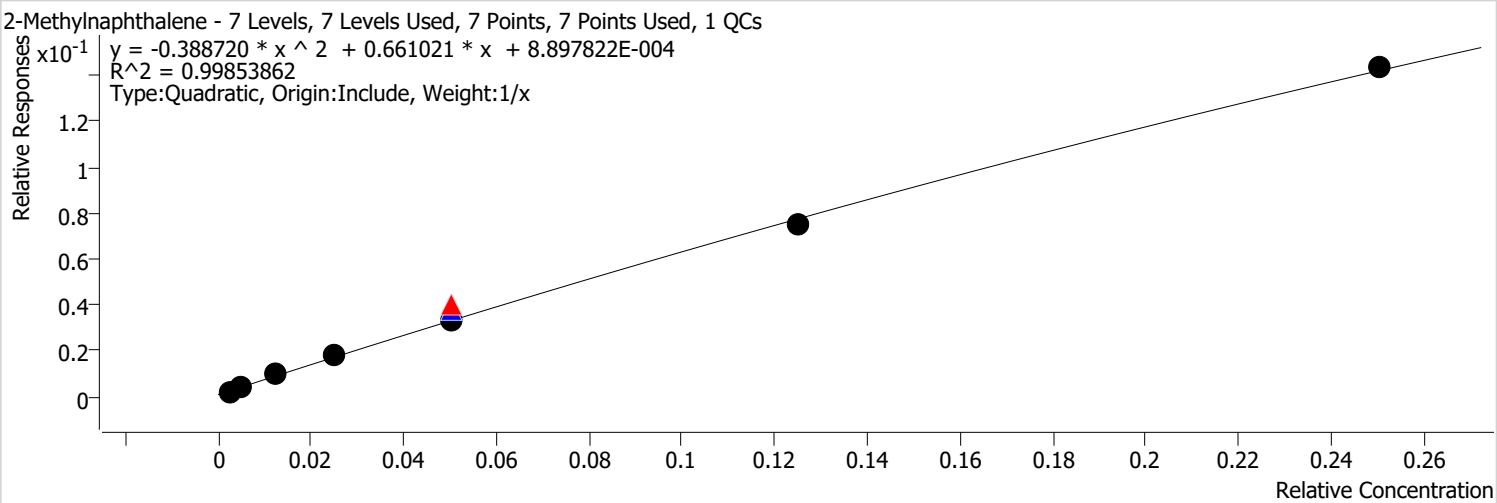
**Naphthalene %RSE = 6.1**




| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|---|---|---|---|---|---|---|
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2008.D | Calibration | 1 | x | 2441 | 0.1000 | 1.4210 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2007.D | Calibration | 2 | x | 4306 | 0.2000 | 1.2873 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2006.D | Calibration | 3 | x | 10073 | 0.5000 | 1.1955 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2005.D | Calibration | 4 | x | 21700 | 1.0000 | 1.1919 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh121421\2 e8270d bna SIM\Dec1425.D | CC | CCV | x | 44904 | 2.0000 | 1.3353 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2009.D | QC | ICV | x | 47496 | 2.0000 | 1.2162 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2004.D | Calibration | 5 | x | 42371 | 2.0000 | 1.0939 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2003.D | Calibration | 6 | x | 108546 | 5.0000 | 1.0033 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2002.D | Calibration | 7 | x | 227252 | 10.0000 | 0.9991 | |

| | | | |
|---|---|---|---|
| **Batch Path** | \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\QuantResults\122021 bna SIM 1.batch.bin | | |
| **Analysis Time** | 12/22/2021 12:07 PM | **Analyst Name** | BL2000\jheine |
| **Report Time** | 12/22/2021 12:08:18 PM | **Reporter Name** | BL2000\jheine |
| **Last Calib Update** | 12/21/2021 8:40 AM | **Batch State** | Processed |
| **Quant Batch Version** | 10.0 | **Quant Report Version** | 10.0 |

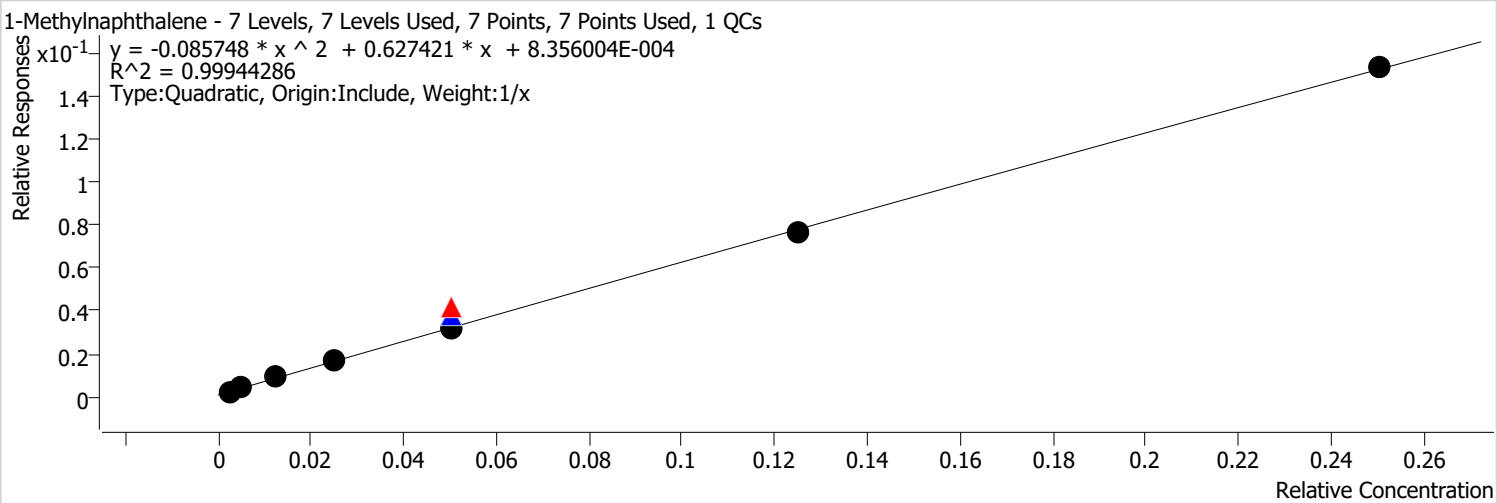
## 2-Methylnaphthalene %RSE = 9.3




| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|---|---|---|---|---|---|---|
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2008.D | Calibration | 1 | x | 1596 | 0.1000 | 0.9289 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2007.D | Calibration | 2 | x | 2794 | 0.2000 | 0.8352 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2006.D | Calibration | 3 | x | 6639 | 0.5000 | 0.7880 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2005.D | Calibration | 4 | x | 13433 | 1.0000 | 0.7378 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh121421\2 e8270d bna SIM\Dec1425.D | CC | CCV | x | 27435 | 2.0000 | 0.8158 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2009.D | QC | ICV | x | 29476 | 2.0000 | 0.7548 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2004.D | Calibration | 5 | x | 25349 | 2.0000 | 0.6544 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2003.D | Calibration | 6 | x | 64531 | 5.0000 | 0.5964 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2002.D | Calibration | 7 | x | 130270 | 10.0000 | 0.5727 | |

| | | | |
|---|---|---|---|
| **Batch Path** | \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\QuantResults\122021 bna SIM 1.batch.bin | | |
| **Analysis Time** | 12/22/2021 12:07 PM | **Analyst Name** | BL2000\jheine |
| **Report Time** | 12/22/2021 12:08:19 PM | **Reporter Name** | BL2000\jheine |
| **Last Calib Update** | 12/21/2021 8:40 AM | **Batch State** | Processed |
| **Quant Batch Version** | 10.0 | **Quant Report Version** | 10.0 |

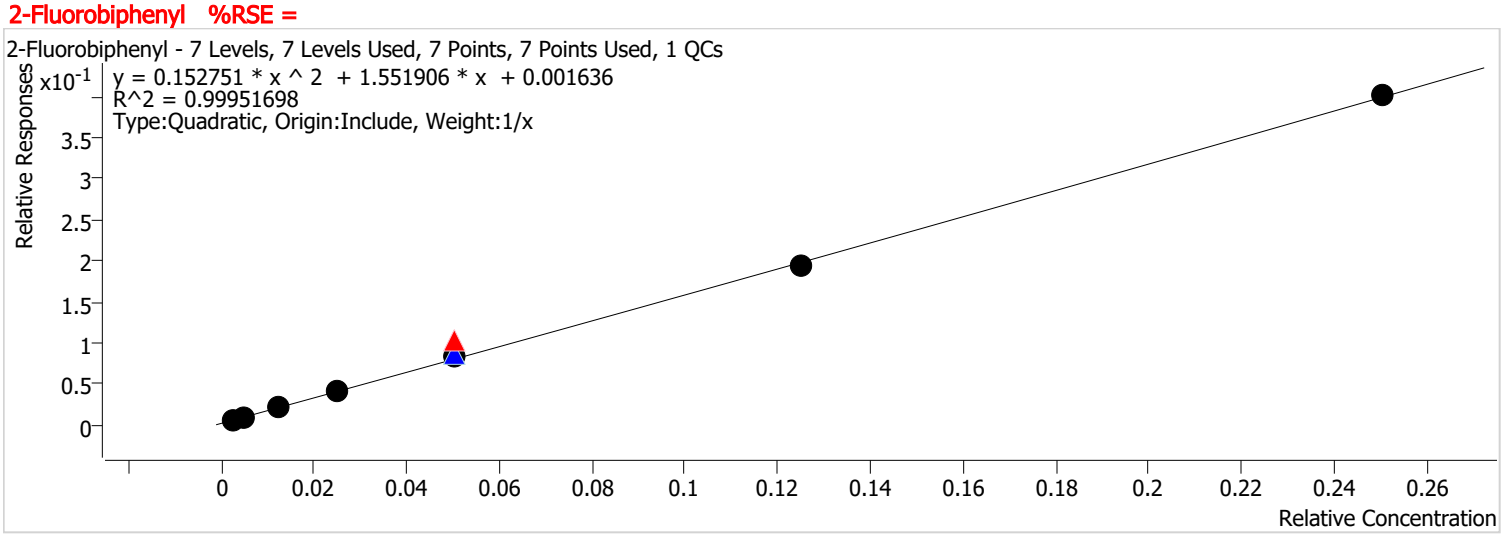
**1-Methylnaphthalene %RSE = 6.7**




| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|---|---|---|---|---|---|---|
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2008.D | Calibration | 1 | x | 1540 | 0.1000 | 0.8962 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2007.D | Calibration | 2 | x | 2699 | 0.2000 | 0.8068 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2006.D | Calibration | 3 | x | 6126 | 0.5000 | 0.7271 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2005.D | Calibration | 4 | x | 12637 | 1.0000 | 0.6941 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh121421\2 e8270d bna SIM\Dec1425.D | CC | CCV | x | 28139 | 2.0000 | 0.8368 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2009.D | QC | ICV | x | 29889 | 2.0000 | 0.7654 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2004.D | Calibration | 5 | x | 24533 | 2.0000 | 0.6334 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2003.D | Calibration | 6 | x | 65992 | 5.0000 | 0.6099 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2002.D | Calibration | 7 | x | 139320 | 10.0000 | 0.6125 | |

| | | | |
|---|---|---|---|
| **Batch Path** | \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\QuantResults\122021 bna SIM 1.batch.bin | | |
| **Analysis Time** | 12/22/2021 12:07 PM | **Analyst Name** | BL2000\jheine |
| **Report Time** | 12/22/2021 12:08:19 PM | **Reporter Name** | BL2000\jheine |
| **Last Calib Update** | 12/21/2021 8:40 AM | **Batch State** | Processed |
| **Quant Batch Version** | 10.0 | **Quant Report Version** | 10.0 |

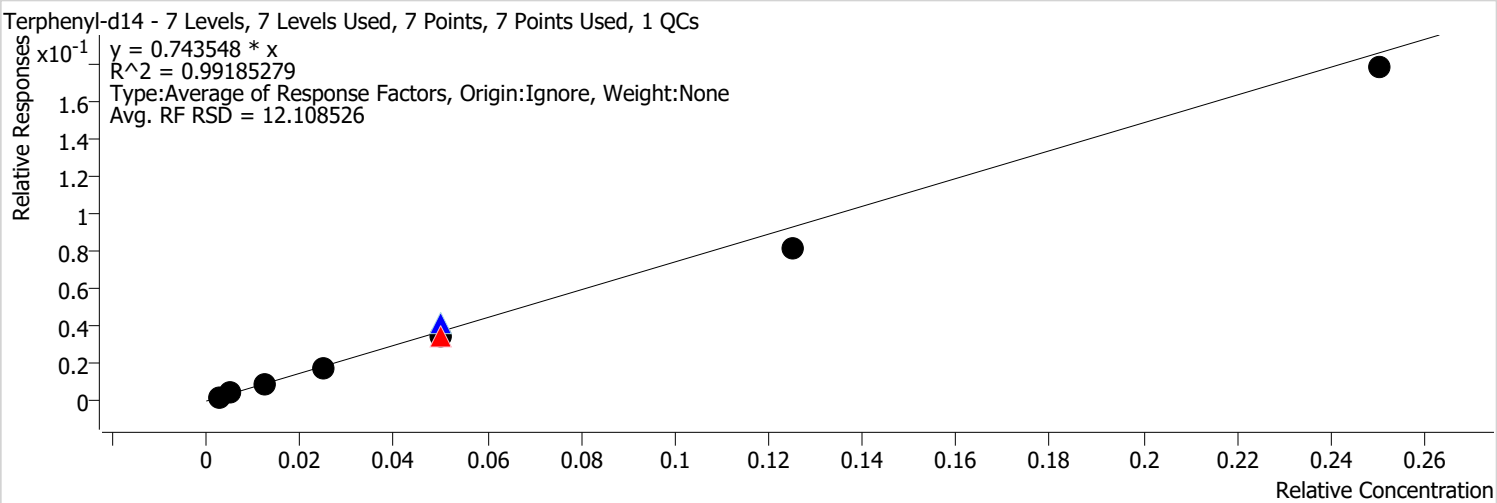
**2-Fluorobiphenyl %RSE =**




| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|---|---|---|---|---|---|---|
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2008.D | Calibration | 1 | x | 2380 | 0.1000 | 2.1862 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2007.D | Calibration | 2 | x | 3990 | 0.2000 | 1.8683 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2006.D | Calibration | 3 | x | 9064 | 0.5000 | 1.6692 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2005.D | Calibration | 4 | x | 19324 | 1.0000 | 1.6378 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh121421\2 e8270d bna SIM\Dec1425.D | CC | CCV | x | 43168 | 2.0000 | 2.0391 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2009.D | QC | ICV | x | 40931 | 2.0000 | 1.7232 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2004.D | Calibration | 5 | x | 38085 | 2.0000 | 1.6587 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2003.D | Calibration | 6 | x | 98077 | 5.0000 | 1.5403 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2002.D | Calibration | 7 | x | 209332 | 10.0000 | 1.6048 | |

| | | | |
|---|---|---|---|
| **Batch Path** | \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\QuantResults\122021 bna SIM 1.batch.bin | | |
| **Analysis Time** | 12/22/2021 12:07 PM | **Analyst Name** | BL2000\jheine |
| **Report Time** | 12/22/2021 12:08:19 PM | **Reporter Name** | BL2000\jheine |
| **Last Calib Update** | 12/21/2021 8:40 AM | **Batch State** | Processed |
| **Quant Batch Version** | 10.0 | **Quant Report Version** | 10.0 |

**Terphenyl-d14 %RSE =**




| Calibration STD Path | Cal Type | Level | Enabled | Resp. | Exp. Conc | Resp. Factor | Level RSD |
|---|---|---|---|---|---|---|---|
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2008.D | Calibration | 1 | x | 1393 | 0.1000 | 0.9177 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2007.D | Calibration | 2 | x | 2432 | 0.2000 | 0.8083 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2006.D | Calibration | 3 | x | 5443 | 0.5000 | 0.7130 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2005.D | Calibration | 4 | x | 11500 | 1.0000 | 0.7089 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh121421\2 e8270d bna SIM\Dec1425.D | CC | CCV | x | 21698 | 2.0000 | 0.6805 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2009.D | QC | ICV | x | 29307 | 2.0000 | 0.8429 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2004.D | Calibration | 5 | x | 23063 | 2.0000 | 0.6931 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2003.D | Calibration | 6 | x | 59687 | 5.0000 | 0.6516 | |
| \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2002.D | Calibration | 7 | x | 131075 | 10.0000 | 0.7122 | |

# Initial Calibration Report - GCMS

Agilent | Trusted Answers

Method Path
Method File
Batch Name \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\QuantResults\122021 bna SIM 1.batch.bin
Last Calib Update 12/21/2021 8:40:59 AM

| Level Name | Calibration Files | Acq. Date-Time | Level Last Update Time |
|---|---|---|---|
| 7 | \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2002.D | 12/20/2021 4:06:47 PM | 12/21/2021 8:40:59 AM |
| 6 | \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2003.D | 12/20/2021 4:39:23 PM | 12/21/2021 8:40:59 AM |
| 5 | \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2004.D | 12/20/2021 5:12:01 PM | 12/21/2021 8:40:59 AM |
| 4 | \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2005.D | 12/20/2021 5:44:45 PM | 12/21/2021 8:40:59 AM |
| 3 | \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2006.D | 12/20/2021 6:17:20 PM | 12/21/2021 8:40:59 AM |
| 2 | \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2007.D | 12/20/2021 6:50:00 PM | 12/21/2021 8:40:59 AM |
| 1 | \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2008.D | 12/20/2021 7:22:32 PM | 12/21/2021 8:40:59 AM |

| Compound | Curve Fit | 7 | 6 | 5 | 4 | 3 | 2 | 1 | Avg RF | %RSD |
|---|---|---|---|---|---|---|---|---|---|---|
| I 1,4-Dichlorobenzene-d4 | | | | ---------- ISTD ---------- | | | | | | |
| S Nitrobenzene-d5 | Quadratic | 0.6287 | 0.5985 | 0.5227 | 0.5447 | 0.4655 | 0.4144 | 0.4486 | 0.5176 | 15.328 |
| I Naphthalene-d8 | | | | ---------- ISTD ---------- | | | | | | |
| T Naphthalene | Quadratic | 0.9991 | 1.0033 | 1.0939 | 1.1919 | 1.1955 | 1.2873 | 1.4210 | 1.1703 | 13.085 |
| T 2-Methylnaphthalene | Quadratic | 0.5727 | 0.5964 | 0.6544 | 0.7378 | 0.7880 | 0.8352 | 0.9289 | 0.7305 | 17.879 |
| T 1-Methylnaphthalene | Quadratic | 0.6125 | 0.6099 | 0.6334 | 0.6941 | 0.7271 | 0.8068 | 0.8962 | 0.7114 | 15.179 |
| I Acenaphthene-d10 | | | | ---------- ISTD ---------- | | | | | | |
| S 2-Fluorobiphenyl | Quadratic | 1.6048 | 1.5403 | 1.6587 | 1.6378 | 1.6692 | 1.8683 | 2.1862 | 1.7379 | 12.776 |
| I Chrysene-d12 | | | | ---------- ISTD ---------- | | | | | | |
| S Terphenyl-d14 | Avg RF | 0.7122 | 0.6516 | 0.6931 | 0.7089 | 0.7130 | 0.8083 | 0.9177 | 0.7435 | 12.109 |

**(RedFont and #) = Outlier Flag; (I) = Internal Standard; (T) = Target; (S) = Surrogate; (M) = Matrix Spike**

**Compounds with Curve fitting not using Avg Response Factor:**

| Compound | Curve Fit | Curve Fit Formula | Curve Fit R2 |
|---|---|---|---|
| S Nitrobenzene-d5 | Quadratic | y = 0.396217 * x ^ 2 + 0.534766 * x - 4.075678E-004 | 0.999206 |
| T Naphthalene | Quadratic | y = -0.371211 * x ^ 2 + 1.079331 * x + 0.001079 | 0.999039 |
| T 2-Methylnaphthalene | Quadratic | y = -0.388720 * x ^ 2 + 0.661021 * x + 8.897822E-004 | 0.998539 |
| T 1-Methylnaphthalene | Quadratic | y = -0.085748 * x ^ 2 + 0.627421 * x + 8.356004E-004 | 0.999443 |
| S 2-Fluorobiphenyl | Quadratic | y = 0.152751 * x ^ 2 + 1.551906 * x + 0.001636 | 0.999517 |

**(RedFont and #) = Outlier Flag; (I) = Internal Standard; (T) = Target; (S) = Surrogate; (M) = Matrix Spike**

# Quantitative Analysis Results Summary Report

Agilent | Trusted Answers

| | | | |
|---|---|---|---|
| **Batch Path** | \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\QuantResults\122021 bna SIM 1.batch.bin | | |
| **Analysis Time** | 12/22/2021 12:07 PM | **Analyst Name** | BL2000\jheine |
| **Report Time** | 12/22/2021 12:10:32 PM | **Reporter Name** | BL2000\jheine |
| **Last Calib Update** | 12/21/2021 8:40 AM | **Batch State** | Processed |
| **Quant Batch Version** | 10.0 | **Quant Report Version** | 10.0 |

**Sequence Table**

| Data File | sample Name | Sample Type | Vial Position | Inj Vol | Level | Acq Method File |
|---|---|---|---|---|---|---|
| Dec2002.D | 20-Dec-21_CAL_7 | Cal | 2 | 0.1 | 7 | 5975BNASIM |
| Dec2003.D | 20-Dec-21_CAL_6 | Cal | 3 | 0.1 | 6 | 5975BNASIM |
| Dec2004.D | 20-Dec-21_CAL_5 | Cal | 4 | 0.1 | 5 | 5975BNASIM |
| Dec2005.D | 20-Dec-21_CAL_4 | Cal | 5 | 0.1 | 4 | 5975BNASIM |
| Dec2006.D | 20-Dec-21_CAL_3 | Cal | 6 | 0.1 | 3 | 5975BNASIM |
| Dec2007.D | 20-Dec-21_CAL_2 | Cal | 7 | 0.1 | 2 | 5975BNASIM |
| Dec2008.D | 20-Dec-21_CAL_1 | Cal | 8 | 0.1 | 1 | 5975BNASIM |
| Dec2009.D | 20-Dec-21_CCV_9 | QC | 9 | 0.1 | ICV | 5975BNASIM |

**Quantitation Results**

**Compound: Nitrobenzene-d5**

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|---|---|---|---|---|---|---|---|---|---|
| Dec2002.D | Calibration | 1,4-Dichlorobenzene-d4 | 5.118 | 69718 | 443546 | 0.1572 | 9.9528 | 10.0000 | 99.5 |
| Dec2003.D | Calibration | 1,4-Dichlorobenzene-d4 | 5.118 | 31352 | 419102 | 0.0748 | 5.1372 | 5.0000 | 102.7 |
| Dec2004.D | Calibration | 1,4-Dichlorobenzene-d4 | 5.131 | 10418 | 398641 | 0.0261 | 1.9172 | 2.0000 | 95.9 |
| Dec2005.D | Calibration | 1,4-Dichlorobenzene-d4 | 5.131 | 4990 | 366468 | 0.0136 | 1.0294 | 1.0000 | 102.9 |
| Dec2006.D | Calibration | 1,4-Dichlorobenzene-d4 | 5.131 | 2098 | 360553 | 0.0058 | 0.4618 | 0.5000 | 92.4 |
| Dec2007.D | Calibration | 1,4-Dichlorobenzene-d4 | 5.131 | 787 | 379824 | 0.0021 | 0.1849 | 0.2000 | 92.4 |
| Dec2008.D | Calibration | 1,4-Dichlorobenzene-d4 | 5.131 | 407 | 362730 | 0.0011 | 0.1141 | 0.1000 | 114.1 |
| Dec2009.D | QC | 1,4-Dichlorobenzene-d4 | 5.118 | 11659 | 387310 | 0.0301 | 2.1930 | 2.0000 | 109.7 |

**Compound: Naphthalene**

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|---|---|---|---|---|---|---|---|---|---|
| Dec2002.D | Calibration | Naphthalene-d8 | 5.966 | 227252 | 909831 | 0.2498 | 10.0924 | 10.0000 | 100.9 |
| Dec2003.D | Calibration | Naphthalene-d8 | 5.966 | 108546 | 865543 | 0.1254 | 4.8062 | 5.0000 | 96.1 |
| Dec2004.D | Calibration | Naphthalene-d8 | 5.966 | 42371 | 774684 | 0.0547 | 2.0222 | 2.0000 | 101.1 |
| Dec2005.D | Calibration | Naphthalene-d8 | 5.966 | 21700 | 728263 | 0.0298 | 1.0742 | 1.0000 | 107.4 |
| Dec2006.D | Calibration | Naphthalene-d8 | 5.966 | 10073 | 674068 | 0.0149 | 0.5162 | 0.5000 | 103.2 |
| Dec2007.D | Calibration | Naphthalene-d8 | 5.966 | 4306 | 669066 | 0.0064 | 0.1989 | 0.2000 | 99.5 |
| Dec2008.D | Calibration | Naphthalene-d8 | 5.966 | 2441 | 687177 | 0.0036 | 0.0918 | 0.1000 | 91.8 |
| Dec2009.D | QC | Naphthalene-d8 | 5.966 | 47496 | 781045 | 0.0608 | 2.2575 | 2.0000 | 112.9 |

**Compound: 2-Methylnaphthalene**

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|---|---|---|---|---|---|---|---|---|---|
| Dec2002.D | Calibration | Naphthalene-d8 | 6.790 | 130270 | 909831 | 0.1432 | 10.1143 | 10.0000 | 101.1 |
| Dec2003.D | Calibration | Naphthalene-d8 | 6.802 | 64531 | 865543 | 0.0746 | 4.7958 | 5.0000 | 95.9 |
| Dec2004.D | Calibration | Naphthalene-d8 | 6.802 | 25349 | 774684 | 0.0327 | 1.9841 | 2.0000 | 99.2 |

**Compound: 2-Methylnaphthalene**

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|---|---|---|---|---|---|---|---|---|---|
| Dec2005.D | Calibration | Naphthalene-d8 | 6.802 | 13433 | 728263 | 0.0184 | 1.0795 | 1.0000 | 107.9 |
| Dec2006.D | Calibration | Naphthalene-d8 | 6.802 | 6639 | 674068 | 0.0098 | 0.5466 | 0.5000 | 109.3 |
| Dec2007.D | Calibration | Naphthalene-d8 | 6.802 | 2794 | 669066 | 0.0042 | 0.1995 | 0.2000 | 99.7 |
| Dec2008.D | Calibration | Naphthalene-d8 | 6.802 | 1596 | 687177 | 0.0023 | 0.0868 | 0.1000 | 86.8 |
| Dec2009.D | QC | Naphthalene-d8 | 6.803 | 29476 | 781045 | 0.0377 | 2.3082 | 2.0000 | 115.4 |

**Compound: 1-Methylnaphthalene**

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|---|---|---|---|---|---|---|---|---|---|
| Dec2002.D | Calibration | Naphthalene-d8 | 6.902 | 139320 | 909831 | 0.1531 | 10.0545 | 10.0000 | 100.5 |
| Dec2003.D | Calibration | Naphthalene-d8 | 6.902 | 65992 | 865543 | 0.0762 | 4.8891 | 5.0000 | 97.8 |
| Dec2004.D | Calibration | Naphthalene-d8 | 6.915 | 24533 | 774684 | 0.0317 | 1.9791 | 2.0000 | 99.0 |
| Dec2005.D | Calibration | Naphthalene-d8 | 6.915 | 12637 | 728263 | 0.0174 | 1.0568 | 1.0000 | 105.7 |
| Dec2006.D | Calibration | Naphthalene-d8 | 6.915 | 6126 | 674068 | 0.0091 | 0.5271 | 0.5000 | 105.4 |
| Dec2007.D | Calibration | Naphthalene-d8 | 6.915 | 2699 | 669066 | 0.0040 | 0.2041 | 0.2000 | 102.0 |
| Dec2008.D | Calibration | Naphthalene-d8 | 6.915 | 1540 | 687177 | 0.0022 | 0.0896 | 0.1000 | 89.6 |
| Dec2009.D | QC | Naphthalene-d8 | 6.902 | 28348 | 781045 | 0.0363 | 2.2783 | 2.0000 | 113.9 |

**Compound: 2-Fluorobiphenyl**

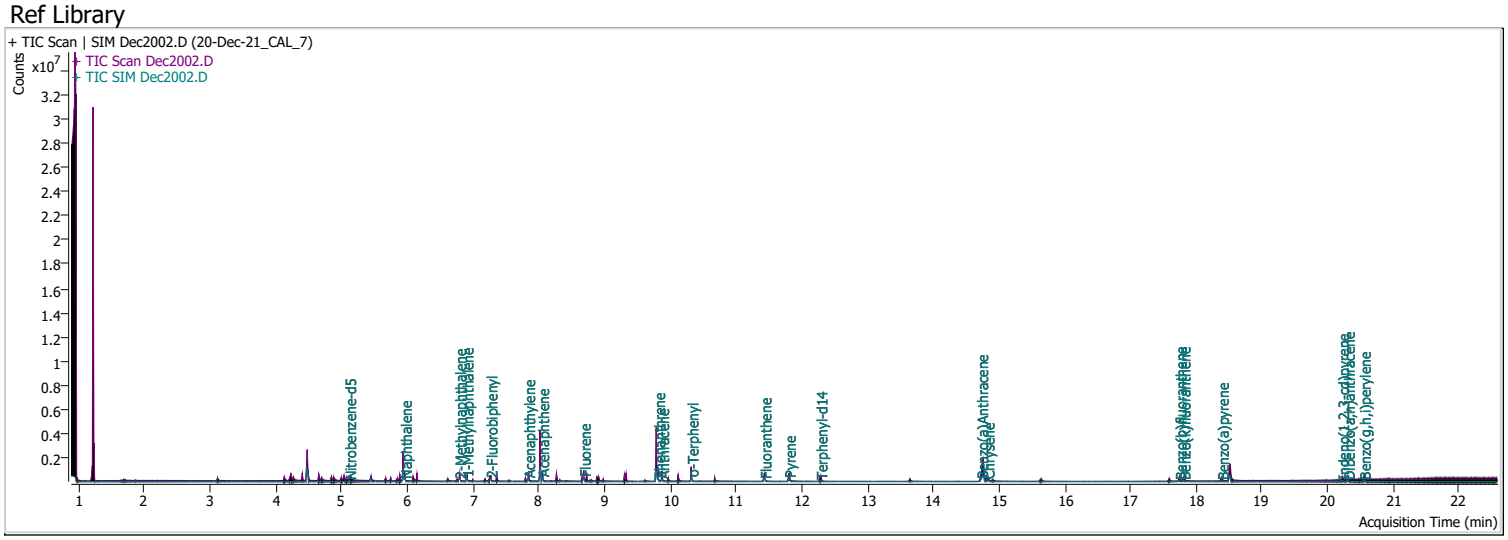
| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|---|---|---|---|---|---|---|---|---|---|
| Dec2002.D | Calibration | Acenaphthene-d10 | 7.265 | 209332 | 521760 | 0.4012 | 10.0502 | 10.0000 | 100.5 |
| Dec2003.D | Calibration | Acenaphthene-d10 | 7.264 | 98077 | 509407 | 0.1925 | 4.8621 | 5.0000 | 97.2 |
| Dec2004.D | Calibration | Acenaphthene-d10 | 7.277 | 38085 | 459222 | 0.0829 | 2.0847 | 2.0000 | 104.2 |
| Dec2005.D | Calibration | Acenaphthene-d10 | 7.264 | 19324 | 471962 | 0.0409 | 1.0107 | 1.0000 | 101.1 |
| Dec2006.D | Calibration | Acenaphthene-d10 | 7.277 | 9064 | 434406 | 0.0209 | 0.4950 | 0.5000 | 99.0 |
| Dec2007.D | Calibration | Acenaphthene-d10 | 7.277 | 3990 | 427100 | 0.0093 | 0.1985 | 0.2000 | 99.3 |
| Dec2008.D | Calibration | Acenaphthene-d10 | 7.277 | 2380 | 435377 | 0.0055 | 0.0987 | 0.1000 | 98.7 |
| Dec2009.D | QC | Acenaphthene-d10 | 7.265 | 40931 | 475061 | 0.0862 | 2.1670 | 2.0000 | 108.3 |

**Compound: Terphenyl-d14**

| Data File | Sample Type | ISTD | RT | Resp | ISTD Resp | Resp Ratio | Final Conc | Exp. Conc | Accuracy |
|---|---|---|---|---|---|---|---|---|---|
| Dec2002.D | Calibration | Chrysene-d12 | 12.288 | 131075 | 736174 | 0.1780 | 9.5784 | 10.0000 | 95.8 |
| Dec2003.D | Calibration | Chrysene-d12 | 12.288 | 59687 | 732752 | 0.0815 | 4.3820 | 5.0000 | 87.6 |
| Dec2004.D | Calibration | Chrysene-d12 | 12.288 | 23063 | 665532 | 0.0347 | 1.8642 | 2.0000 | 93.2 |
| Dec2005.D | Calibration | Chrysene-d12 | 12.288 | 11500 | 648930 | 0.0177 | 0.9534 | 1.0000 | 95.3 |
| Dec2006.D | Calibration | Chrysene-d12 | 12.288 | 5443 | 610647 | 0.0089 | 0.4795 | 0.5000 | 95.9 |
| Dec2007.D | Calibration | Chrysene-d12 | 12.288 | 2432 | 601802 | 0.0040 | 0.2174 | 0.2000 | 108.7 |
| Dec2008.D | Calibration | Chrysene-d12 | 12.300 | 1393 | 607338 | 0.0023 | 0.1234 | 0.1000 | 123.4 |
| Dec2009.D | QC | Chrysene-d12 | 12.288 | 29013 | 695371 | 0.0417 | 2.2445 | 2.0000 | 112.2 |

# Quantitation Results Report (QT Reviewed)

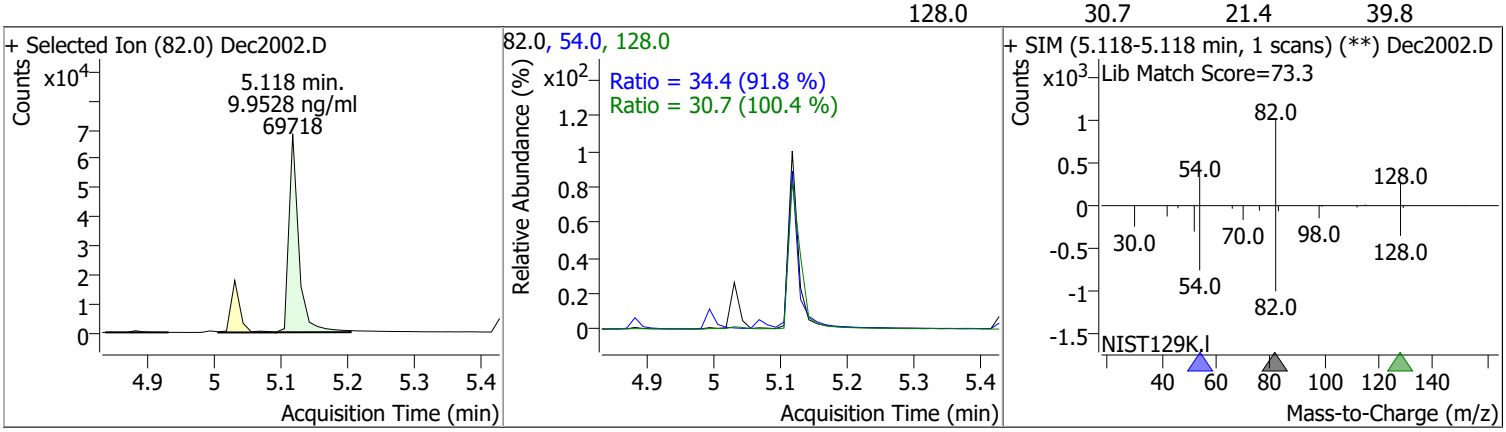
| | | | |
|---|---|---|---|
| Data File | Dec2002.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/20/2021 4:06:47 PM |
| Sample Name | 20-Dec-21_CAL_7 | Instrument | GCMS |
| Vial | 2 | Multiplier | 1.00 |
| DA Method File | | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122021 bna SIM 1.batch.bin | Last Calib Update | 12/21/2021 8:40:59 AM |
| Ref Library | | | |



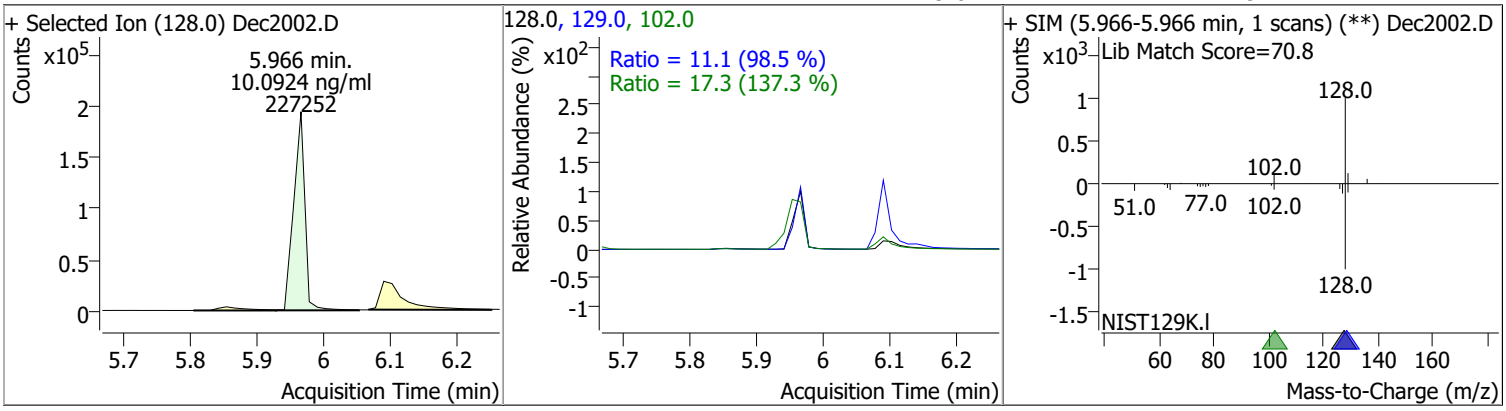

| Compound | RT | QIon | Resp. | Conc. | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| **System Monitoring Compounds** | | | | | | | |
| S Nitrobenzene-d5 | 5.118 | 82.0 | 69718 | 9.9528 | ng/ml | | -0.012 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 199.06% | | * | |
| S 2-Fluorobiphenyl | 7.265 | 172.0 | 209332 | 10.0502 | ng/ml | | -0.012 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 201.00% | | * | |
| S Terphenyl-d14 | 12.288 | 244.0 | 131075 | 9.5784 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 191.57% | | * | |
| **Target Compounds** | | | | | | | QValue |
| T Naphthalene | 5.966 | 128.0 | 227252 | 10.0924 | ng/ml | | 94 |
| T 2-Methylnaphthalene | 6.790 | 141.0 | 130270 | 10.1143 | ng/ml | | 93 |
| T 1-Methylnaphthalene | 6.902 | 141.0 | 139320 | 10.0545 | ng/ml | | 97 |

**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

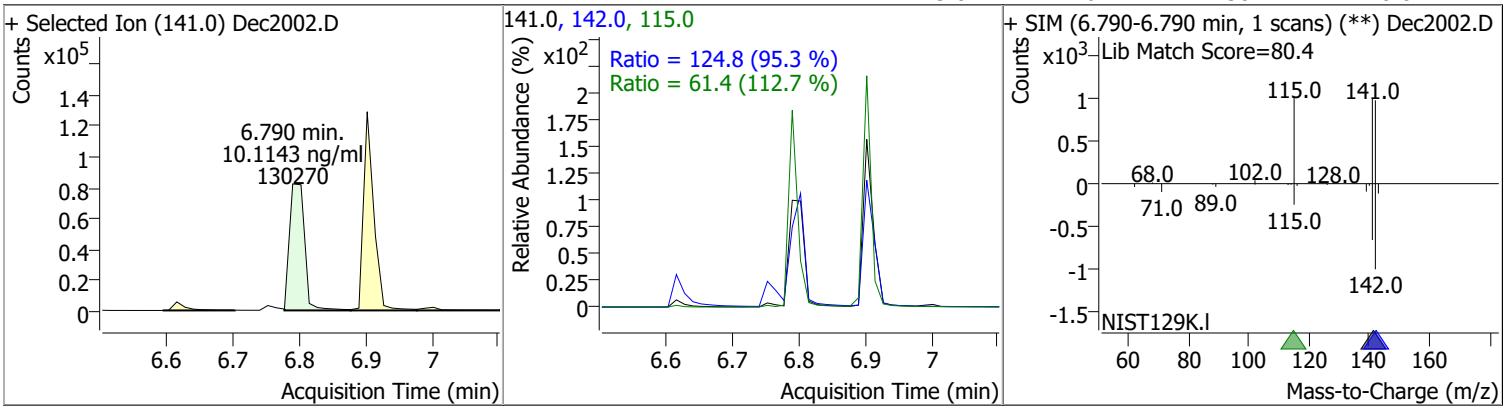
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 9.9528 | 5.12 | -0.01 | 69718 | 54.0 | 34.4 | 26.3 | 48.8 |
| | | | | | 128.0 | 30.7 | 21.4 | 39.8 |



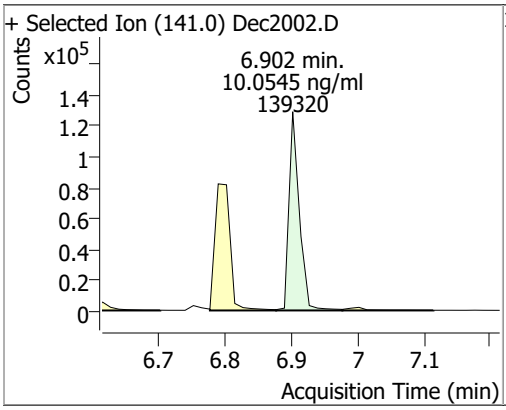

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Naphthalene | 10.0924 | 5.97 | 0.00 | 227252 | 102.0 | 17.3 | 0.0 | 37.7 |
| | | | | | 129.0 | 11.1 | 7.9 | 14.7 |

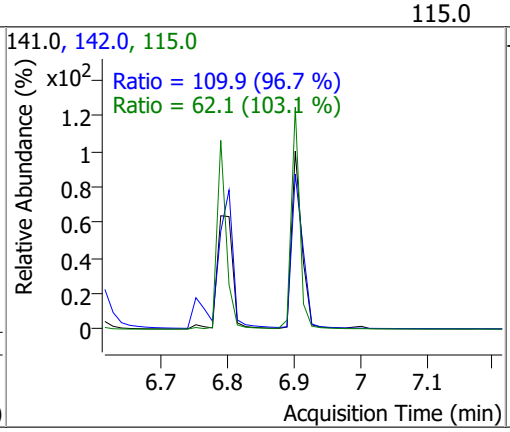


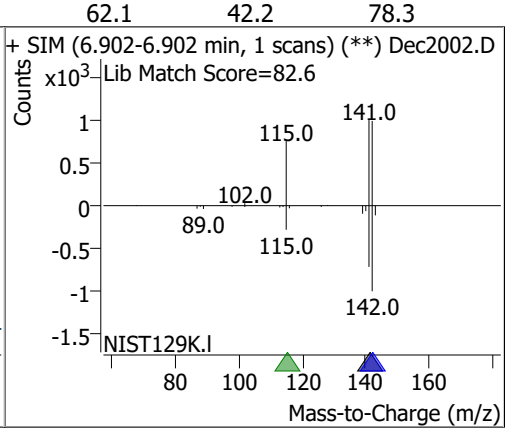

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 10.1143 | 6.79 | -0.01 | 130270 | 142.0 | 124.8 | 91.7 | 170.2 |
| | | | | | 115.0 | 61.4 | 38.1 | 70.8 |



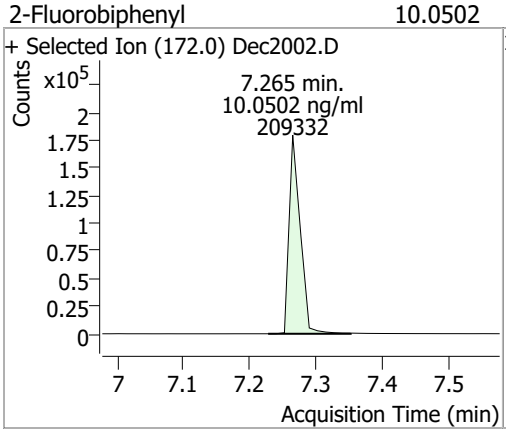
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | 10.0545 | 6.90 | -0.01 | 139320 | 142.0 | 109.9 | 79.6 | 147.8 |
| | | | | | 115.0 | 62.1 | 42.2 | 78.3 |

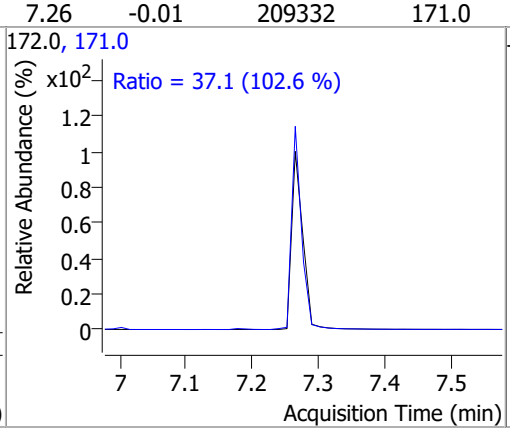


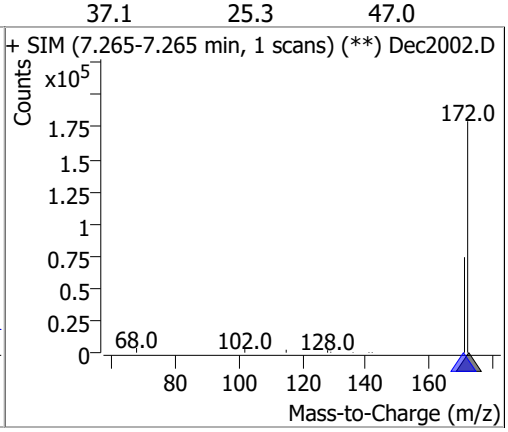



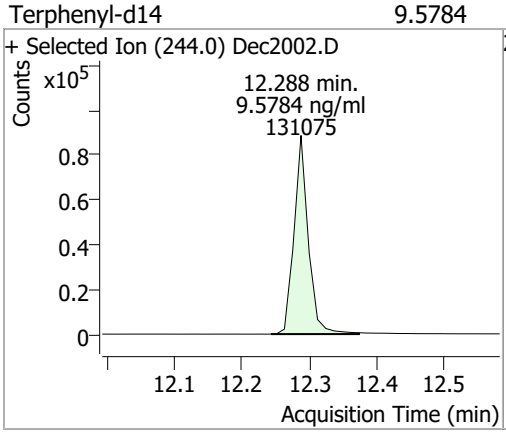

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 10.0502 | 7.26 | -0.01 | 209332 | 171.0 | 37.1 | 25.3 | 47.0 |

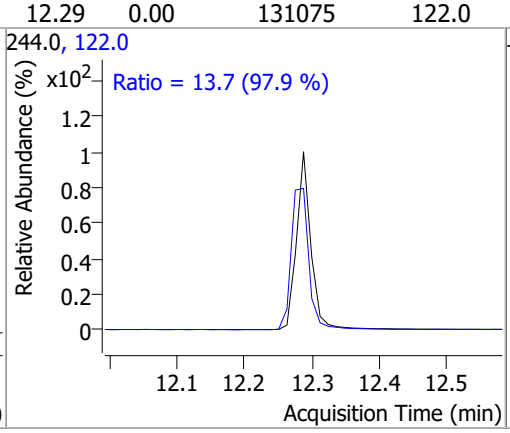


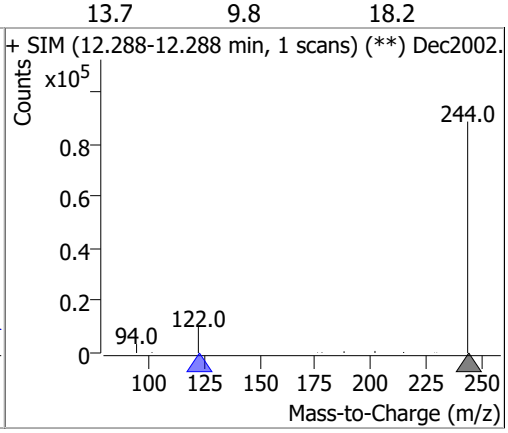




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 9.5784 | 12.29 | 0.00 | 131075 | 122.0 | 13.7 | 9.8 | 18.2 |



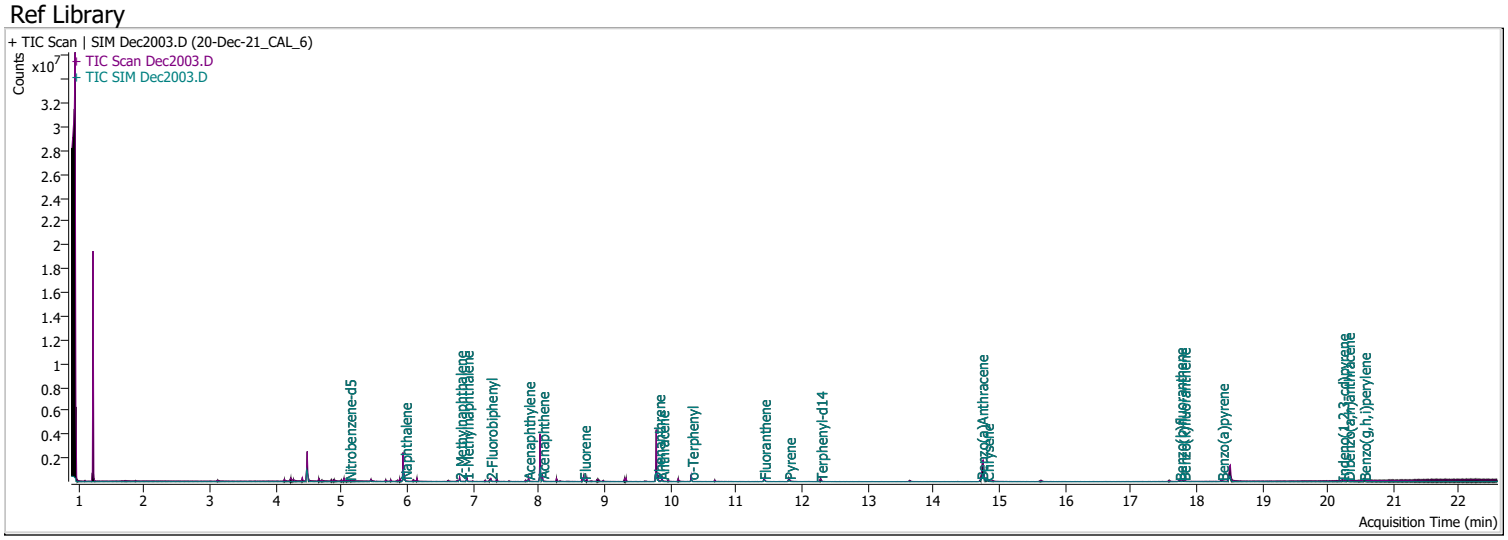



# Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

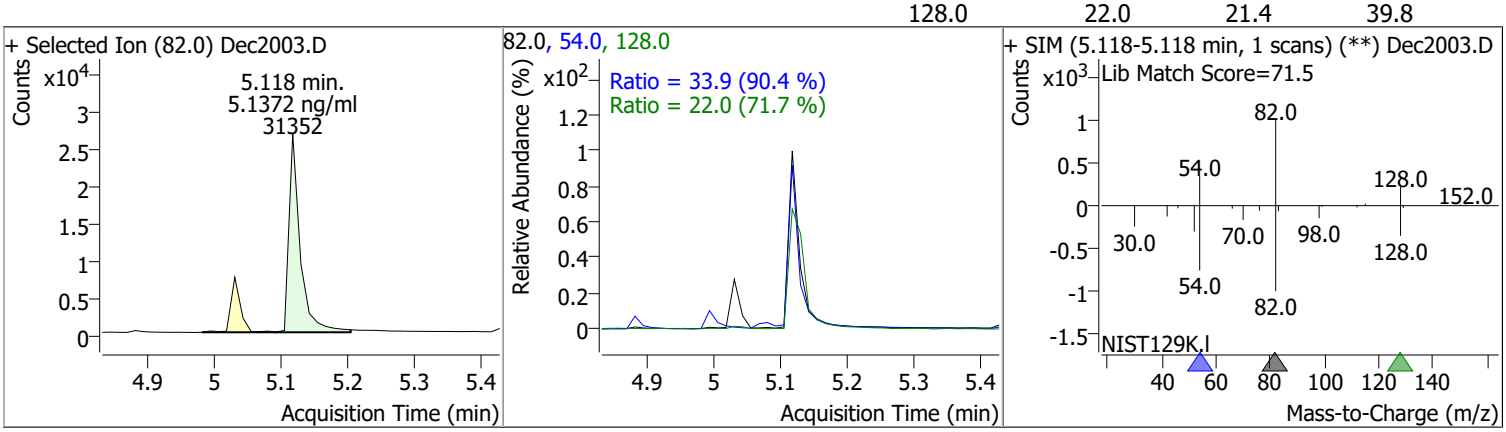
| | | | |
|---|---|---|---|
| Data File | Dec2003.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/20/2021 4:39:23 PM |
| Sample Name | 20-Dec-21_CAL_6 | Instrument | GCMS |
| Vial | 3 | Multiplier | 1.00 |
| DA Method File | | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122021 bna SIM 1.batch.bin | Last Calib Update | 12/21/2021 8:40:59 AM |
| Ref Library | | | |



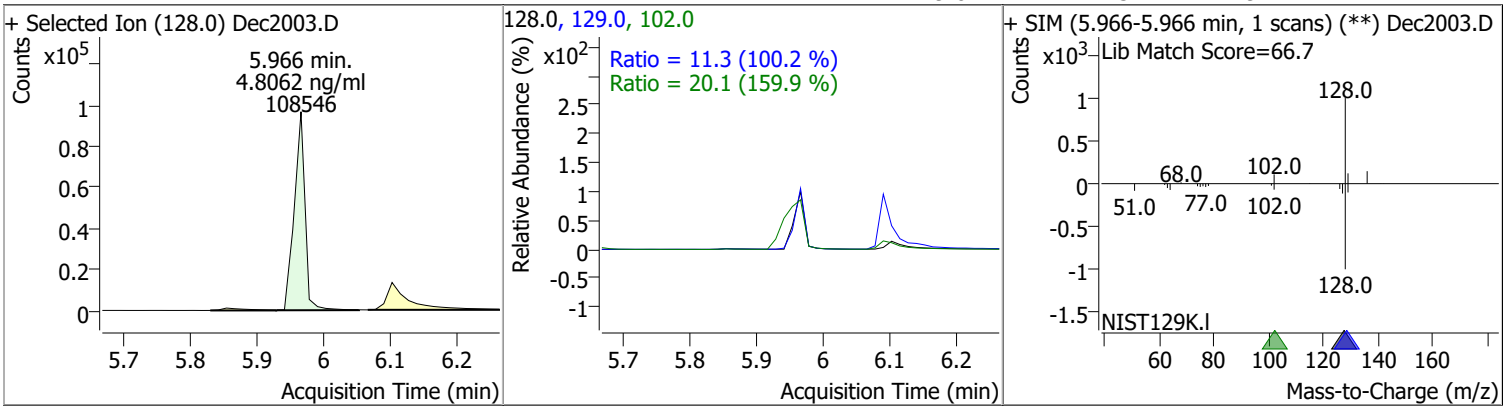

| Compound | RT | QIon | Resp. | Conc. | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| **System Monitoring Compounds** | | | | | | | |
| S Nitrobenzene-d5 | 5.118 | 82.0 | 31352 | 5.1372 | ng/ml | | -0.013 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 102.74% | | * | |
| S 2-Fluorobiphenyl | 7.264 | 172.0 | 98077 | 4.8621 | ng/ml | | -0.013 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 97.24% | | * | |
| S Terphenyl-d14 | 12.288 | 244.0 | 59687 | 4.3820 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 87.64% | | | |
| **Target Compounds** | | | | | | | QValue |
| T Naphthalene | 5.966 | 128.0 | 108546 | 4.8062 | ng/ml | | 90 |
| T 2-Methylnaphthalene | 6.802 | 141.0 | 64531 | 4.7958 | ng/ml | | 95 |
| T 1-Methylnaphthalene | 6.902 | 141.0 | 65992 | 4.8891 | ng/ml | | 98 |

**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

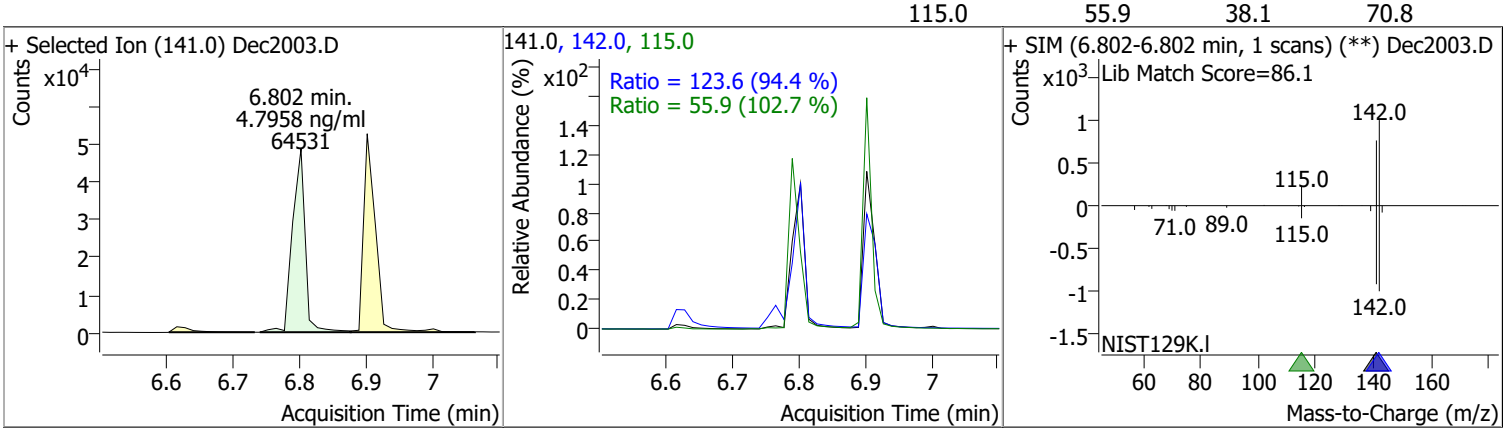
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 5.1372 | 5.12 | -0.01 | 31352 | 54.0 | 33.9 | 26.3 | 48.8 |
| | | | | | 128.0 | 22.0 | 21.4 | 39.8 |



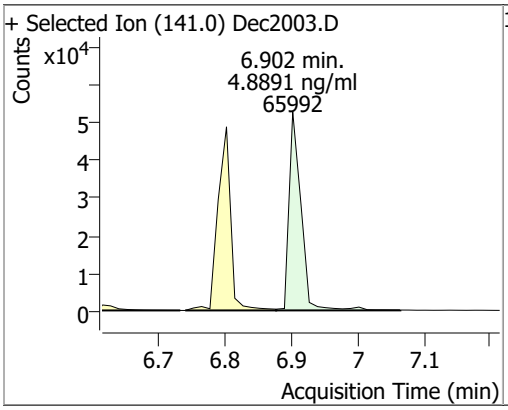

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Naphthalene | 4.8062 | 5.97 | 0.00 | 108546 | 102.0 | 20.1 | 0.0 | 37.7 |
| | | | | | 129.0 | 11.3 | 7.9 | 14.7 |

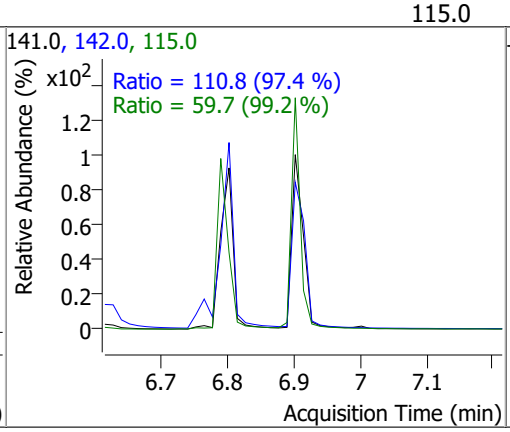


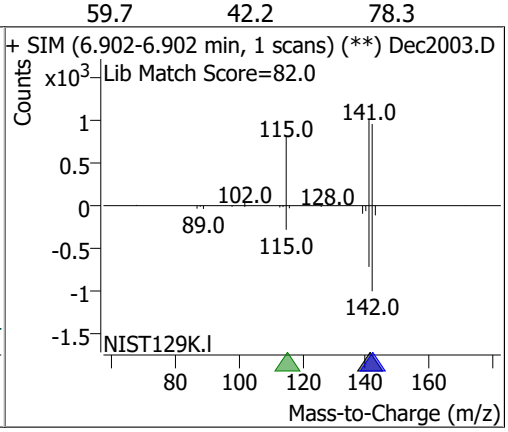

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 4.7958 | 6.80 | 0.00 | 64531 | 142.0 | 123.6 | 91.7 | 170.2 |
| | | | | | 115.0 | 55.9 | 38.1 | 70.8 |



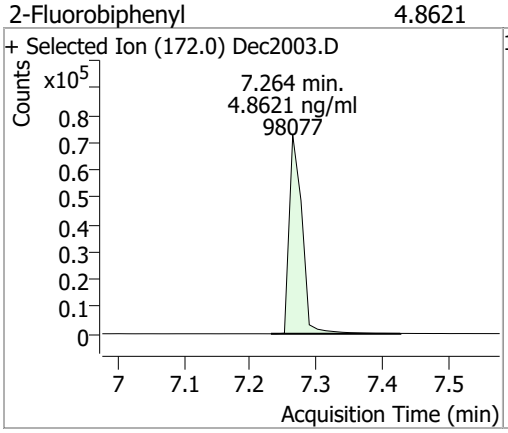
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | 4.8891 | 6.90 | -0.01 | 65992 | 142.0 | 110.8 | 79.6 | 147.8 |
| | | | | | 115.0 | 59.7 | 42.2 | 78.3 |

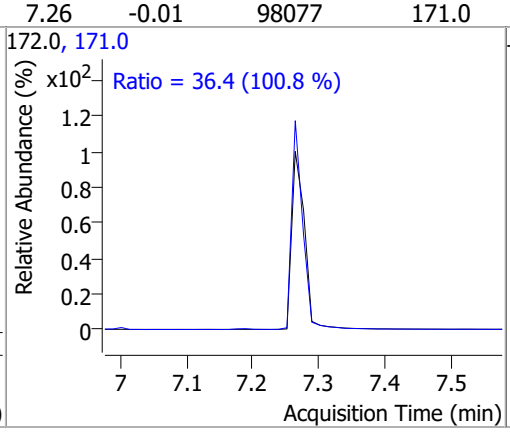


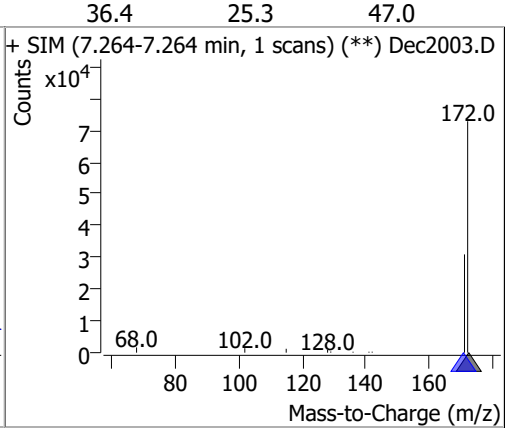



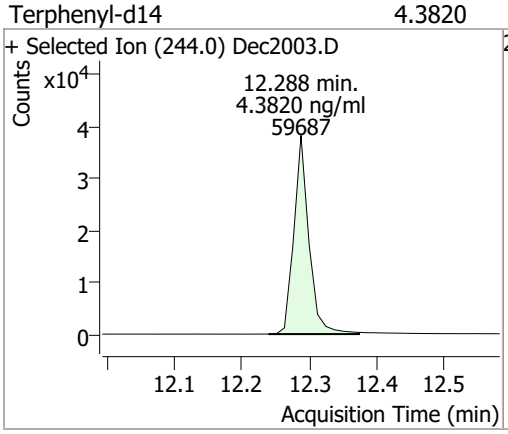

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 4.8621 | 7.26 | -0.01 | 98077 | 171.0 | 36.4 | 25.3 | 47.0 |

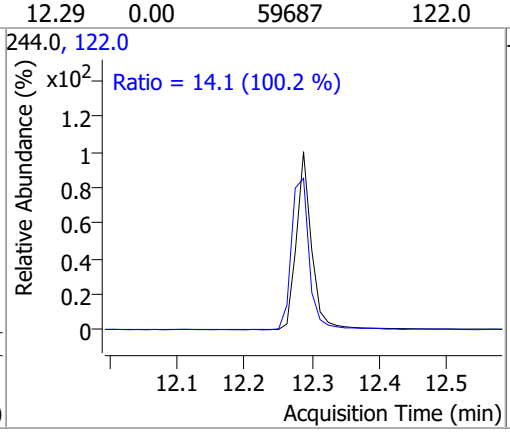


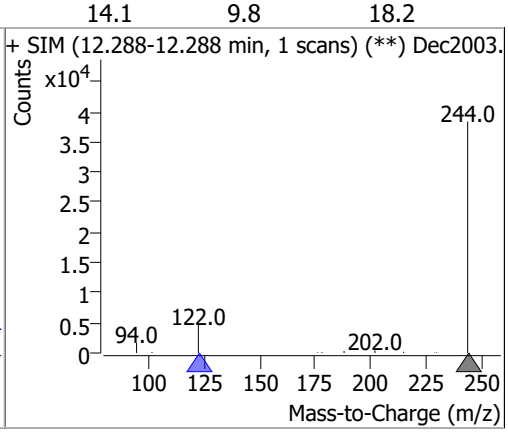




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 4.3820 | 12.29 | 0.00 | 59687 | 122.0 | 14.1 | 9.8 | 18.2 |

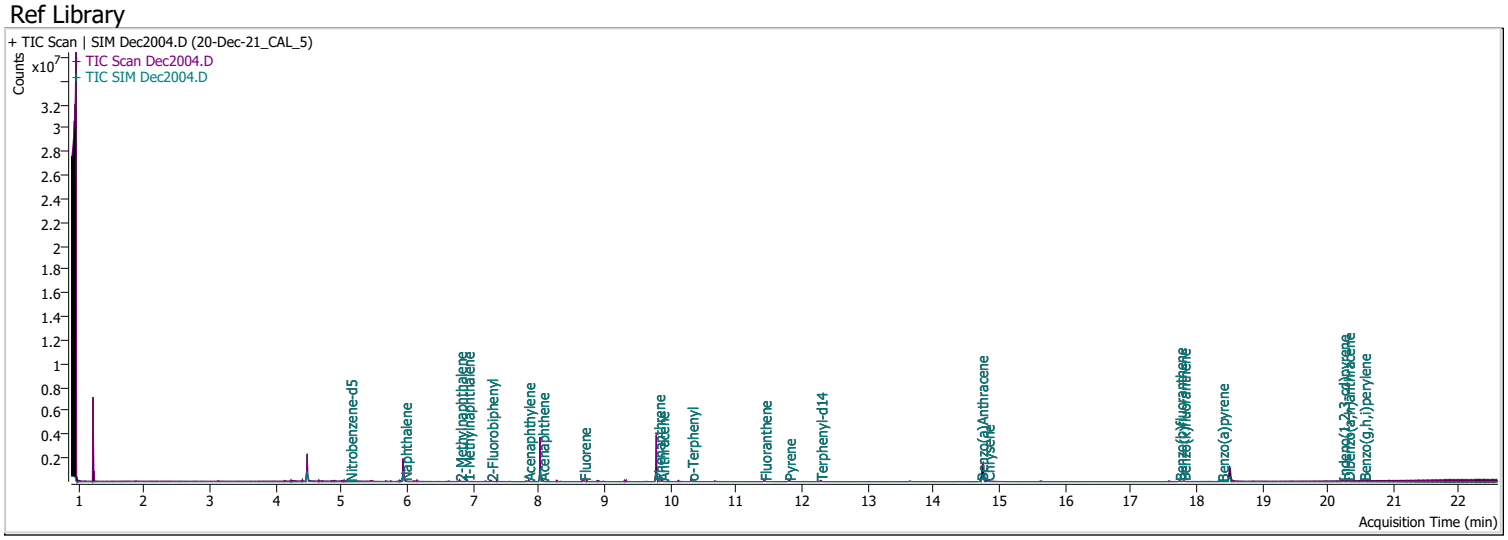


# Quantitation Results Report (QT Reviewed)

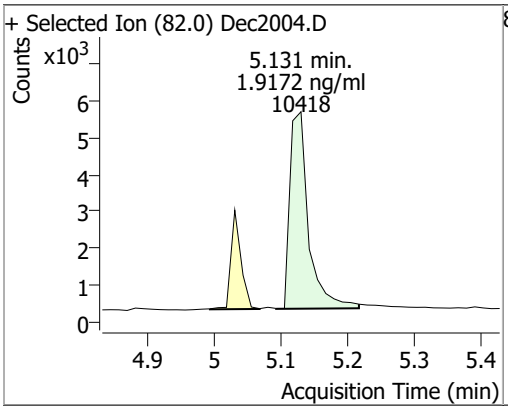
| | | | |
|---|---|---|---|
| Data File | Dec2004.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/20/2021 5:12:01 PM |
| Sample Name | 20-Dec-21_CAL_5 | Instrument | GCMS |
| Vial | 4 | Multiplier | 1.00 |
| DA Method File | | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122021 bna SIM 1.batch.bin | Last Calib Update | 12/21/2021 8:40:59 AM |
| Ref Library | | | |

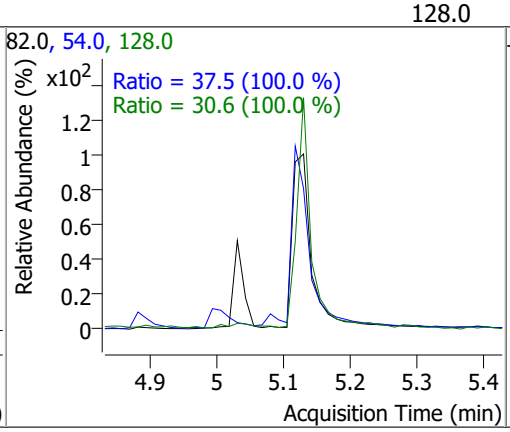


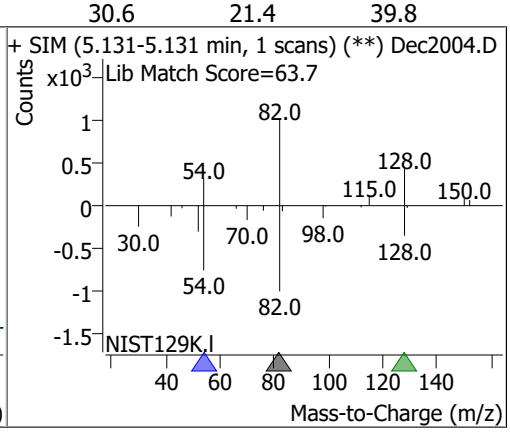

| Compound | RT | QIon | Resp. | Conc. | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| **System Monitoring Compounds** | | | | | | | |
| S Nitrobenzene-d5 | 5.131 | 82.0 | 10418 | 1.9172 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 38.34% | | | |
| S 2-Fluorobiphenyl | 7.277 | 172.0 | 38085 | 2.0847 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 41.69% | | | |
| S Terphenyl-d14 | 12.288 | 244.0 | 23063 | 1.8642 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 37.28% | | * | |
| **Target Compounds** | | | | | | | **QValue** |
| T Naphthalene | 5.966 | 128.0 | 42371 | 2.0222 | ng/ml | | 100 |
| T 2-Methylnaphthalene | 6.802 | 141.0 | 25349 | 1.9841 | ng/ml | | 100 |
| T 1-Methylnaphthalene | 6.915 | 141.0 | 24533 | 1.9791 | ng/ml | | 100 |

**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

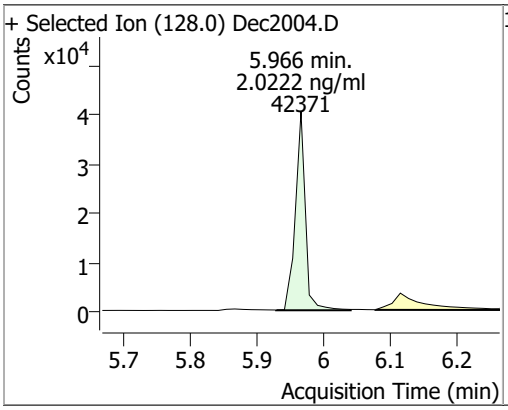
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 1.9172 | 5.13 | 0.00 | 10418 | 54.0 | 37.5 | 26.3 | 48.8 |
| | | | | | 128.0 | 30.6 | 21.4 | 39.8 |

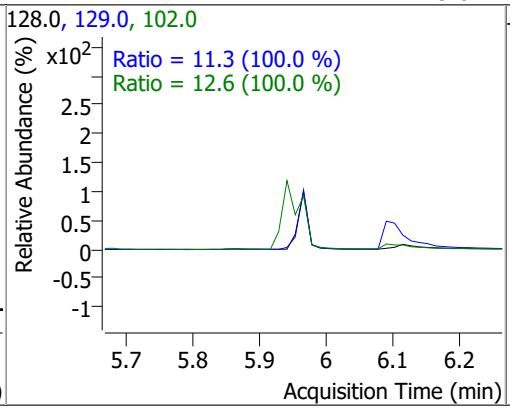


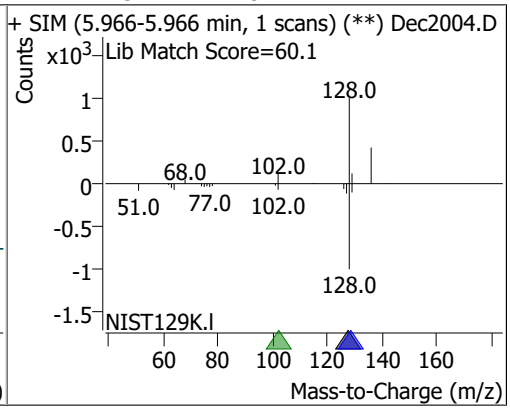



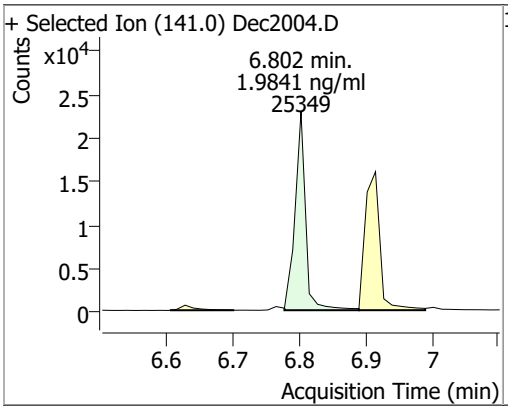

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Naphthalene | 2.0222 | 5.97 | 0.00 | 42371 | 102.0 | 12.6 | 0.0 | 37.7 |
| | | | | | 129.0 | 11.3 | 7.9 | 14.7 |

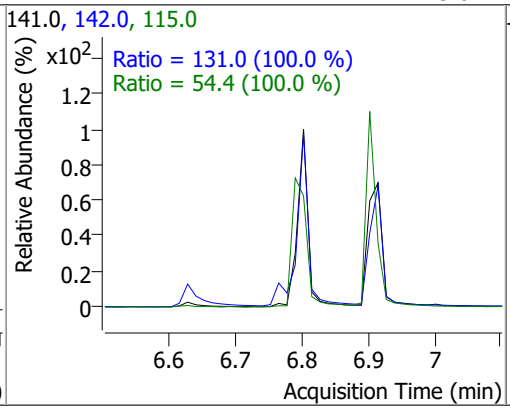


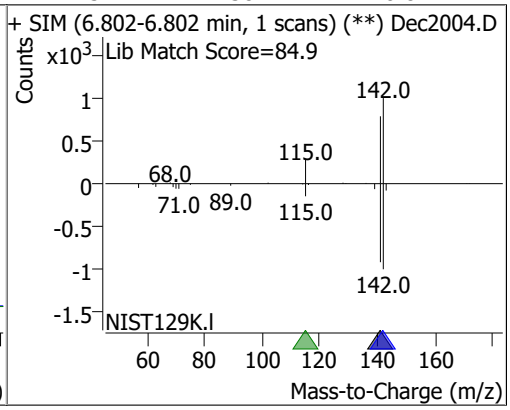



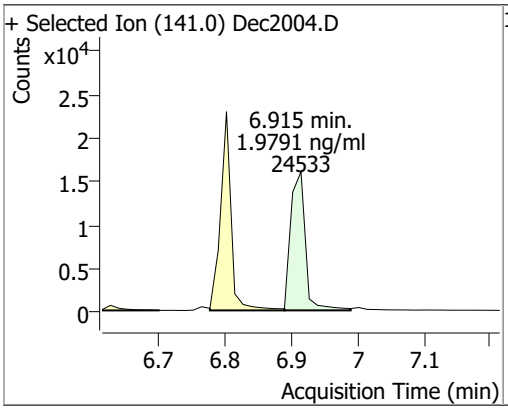

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 1.9841 | 6.80 | 0.00 | 25349 | 142.0 | 131.0 | 91.7 | 170.2 |
| | | | | | 115.0 | 54.4 | 38.1 | 70.8 |

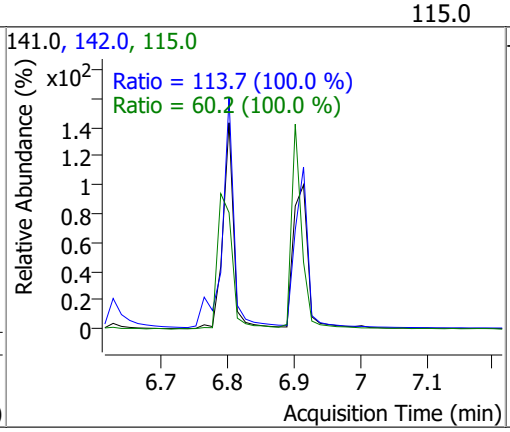


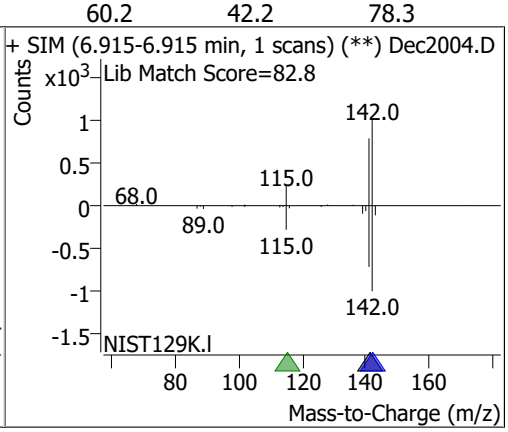



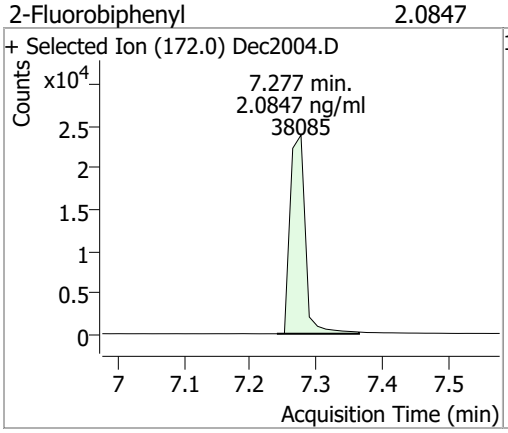
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | 1.9791 | 6.91 | 0.00 | 24533 | 142.0 | 113.7 | 79.6 | 147.8 |
| | | | | | 115.0 | 60.2 | 42.2 | 78.3 |

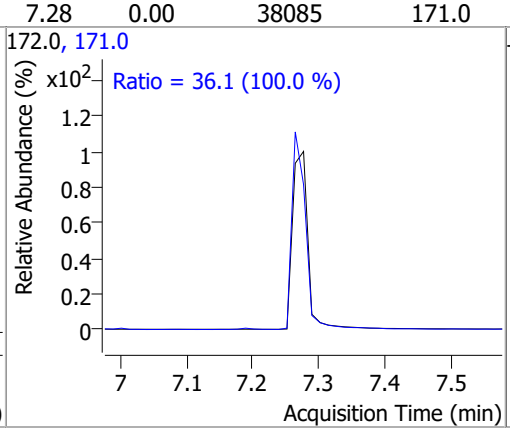


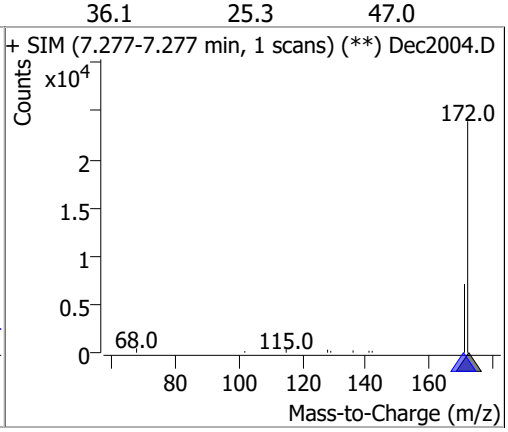



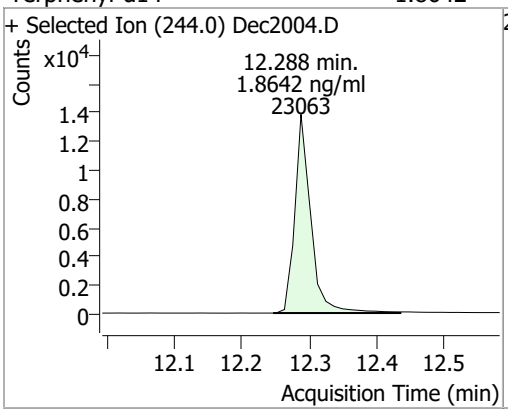

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 2.0847 | 7.28 | 0.00 | 38085 | 171.0 | 36.1 | 25.3 | 47.0 |

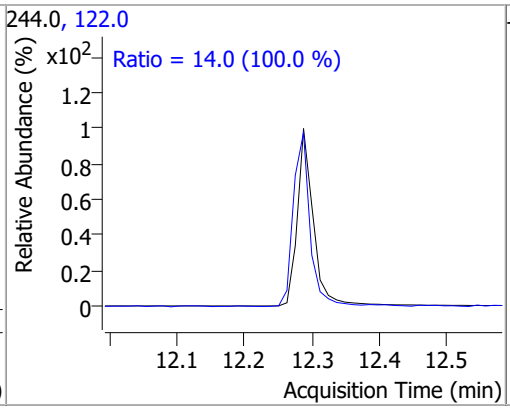


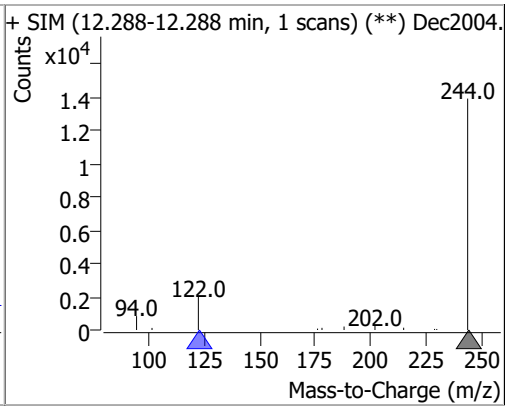




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 1.8642 | 12.29 | 0.00 | 23063 | 122.0 | 14.0 | 9.8 | 18.2 |

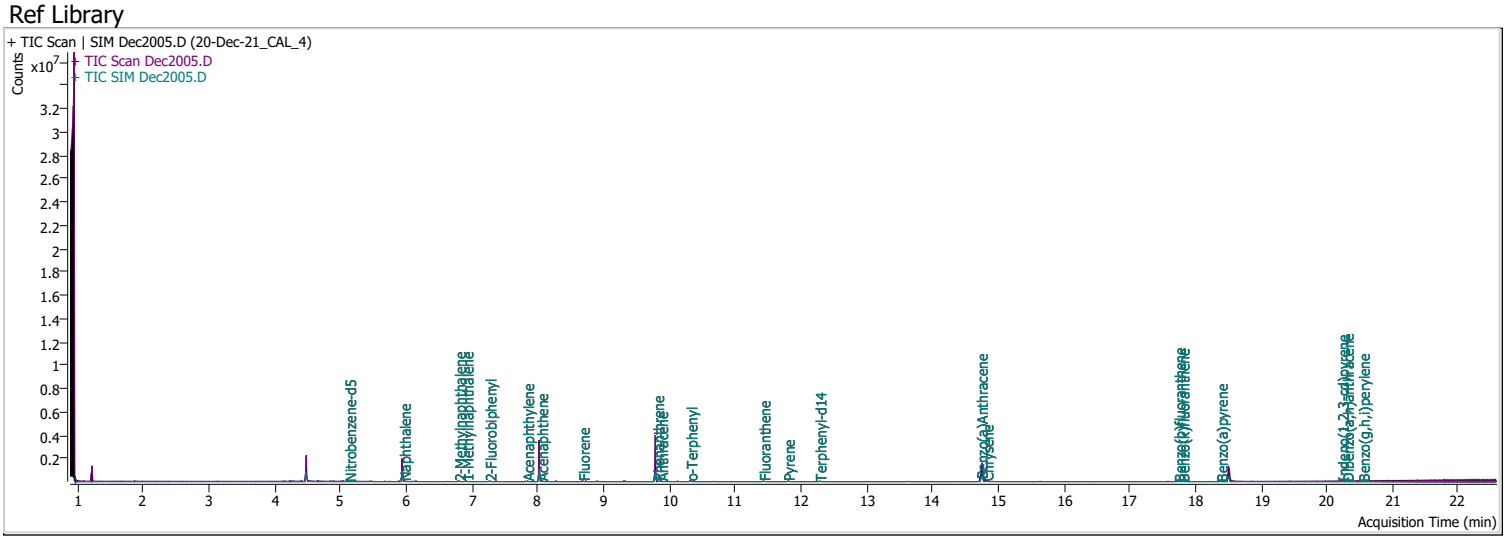


# Quantitation Results Report (QT Reviewed)

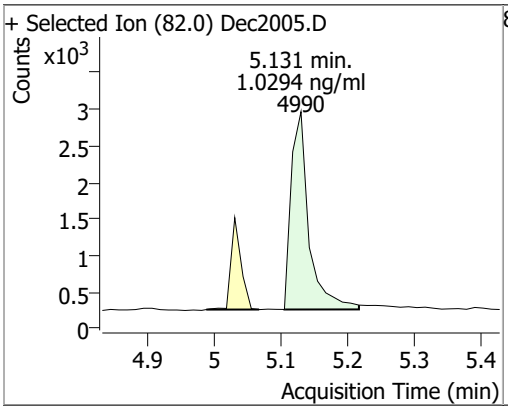
| | | | |
|---|---|---|---|
| Data File | Dec2005.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/20/2021 5:44:45 PM |
| Sample Name | 20-Dec-21_CAL_4 | Instrument | GCMS |
| Vial | 5 | Multiplier | 1.00 |
| DA Method File | | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122021 bna SIM 1.batch.bin | Last Calib Update | 12/21/2021 8:40:59 AM |
| Ref Library | | | |

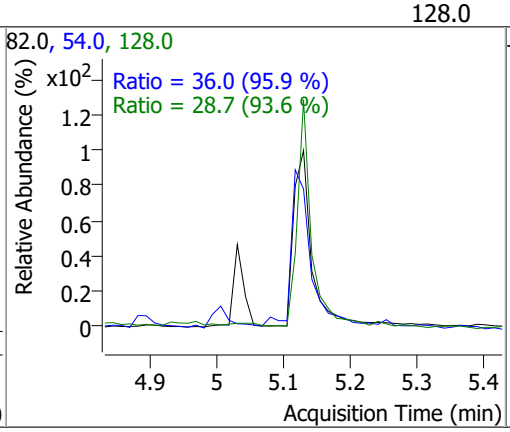


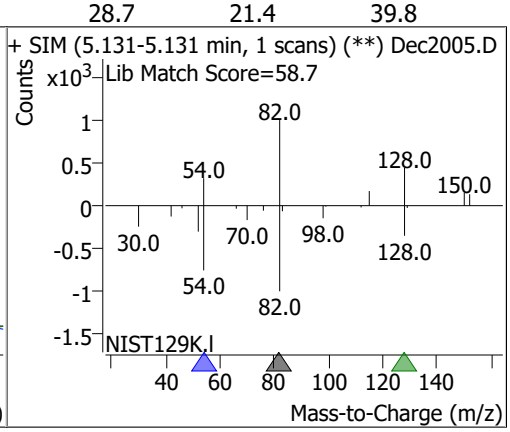

| Compound | RT | QIon | Resp. | Conc. | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| **System Monitoring Compounds** | | | | | | | |
| S Nitrobenzene-d5 | 5.131 | 82.0 | 4990 | 1.0294 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 20.59% | | | |
| S 2-Fluorobiphenyl | 7.264 | 172.0 | 19324 | 1.0107 | ng/ml | | -0.013 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 20.21% | | * | |
| S Terphenyl-d14 | 12.288 | 244.0 | 11500 | 0.9534 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 19.07% | | * | |
| **Target Compounds** | | | | | | | **QValue** |
| T Naphthalene | 5.966 | 128.0 | 21700 | 1.0742 | ng/ml | | 100 |
| T 2-Methylnaphthalene | 6.802 | 141.0 | 13433 | 1.0795 | ng/ml | | 92 |
| T 1-Methylnaphthalene | 6.915 | 141.0 | 12637 | 1.0568 | ng/ml | | 98 |

**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

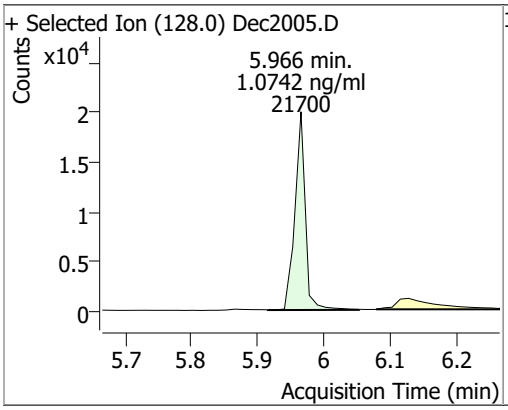
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 1.0294 | 5.13 | 0.00 | 4990 | 54.0 | 36.0 | 26.3 | 48.8 |
| | | | | | 128.0 | 28.7 | 21.4 | 39.8 |

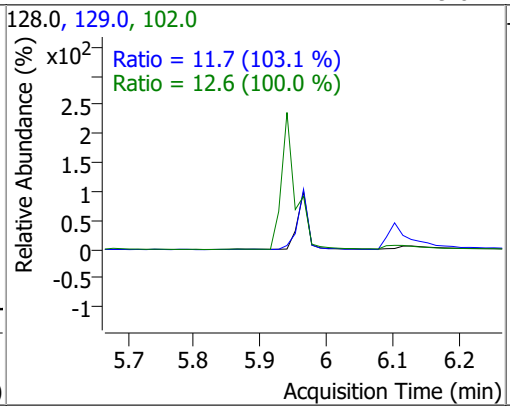


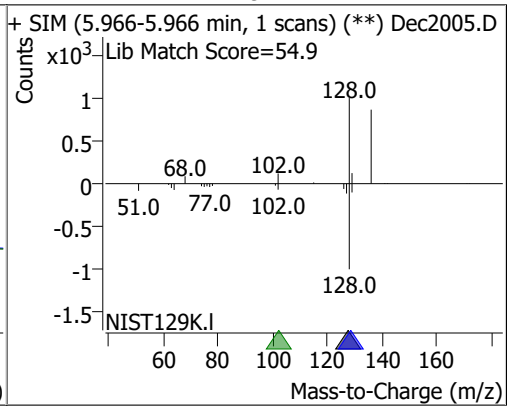



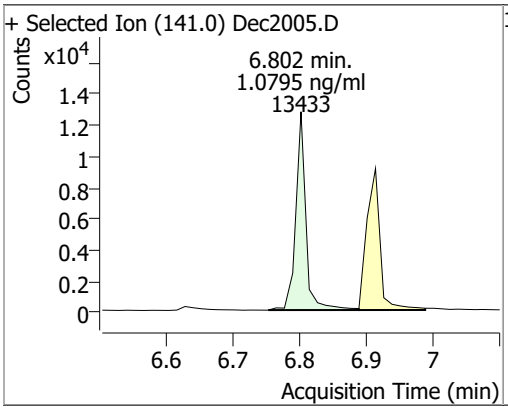

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Naphthalene | 1.0742 | 5.97 | 0.00 | 21700 | 102.0 | 12.6 | 0.0 | 37.7 |
| | | | | | 129.0 | 11.7 | 7.9 | 14.7 |

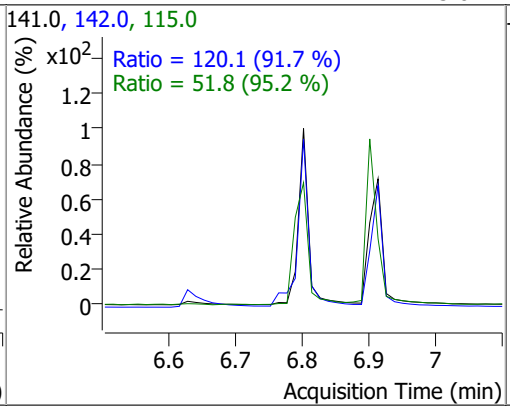


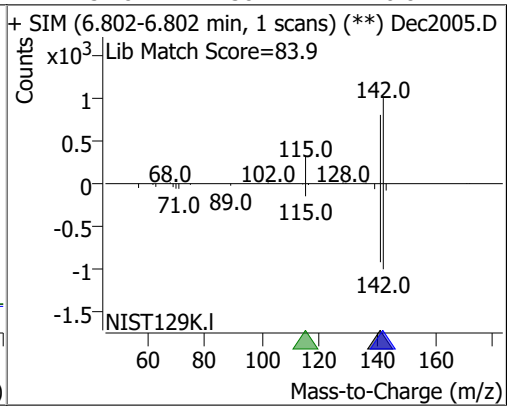



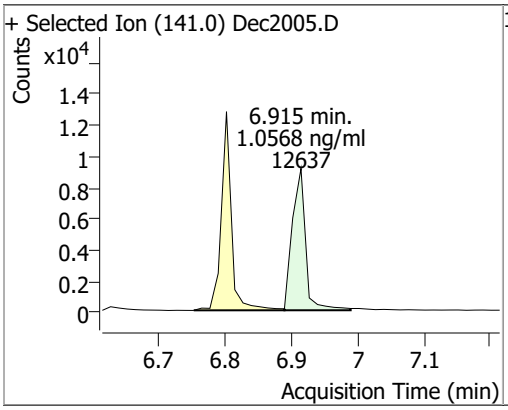

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 1.0795 | 6.80 | 0.00 | 13433 | 142.0 | 120.1 | 91.7 | 170.2 |
| | | | | | 115.0 | 51.8 | 38.1 | 70.8 |

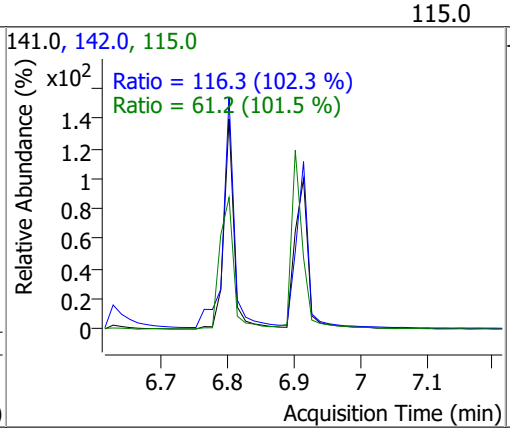


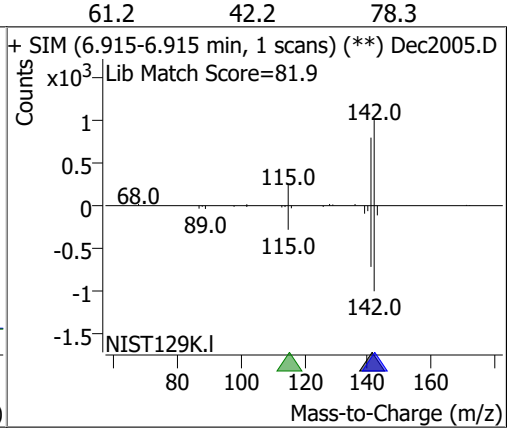



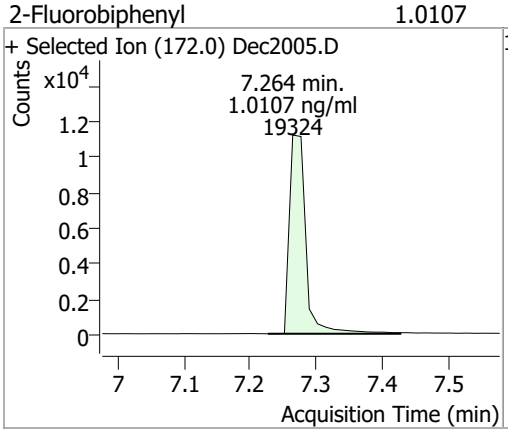
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | 1.0568 | 6.91 | 0.00 | 12637 | 142.0 | 116.3 | 79.6 | 147.8 |
| | | | | | 115.0 | 61.2 | 42.2 | 78.3 |

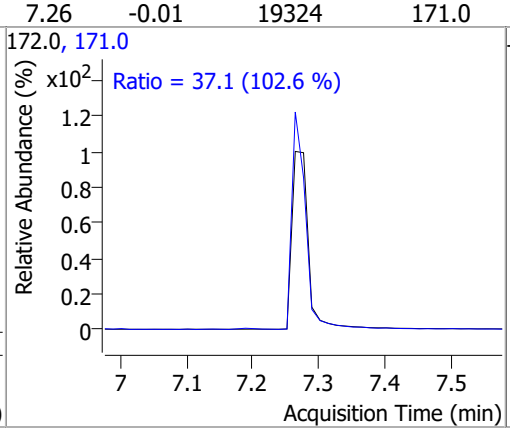


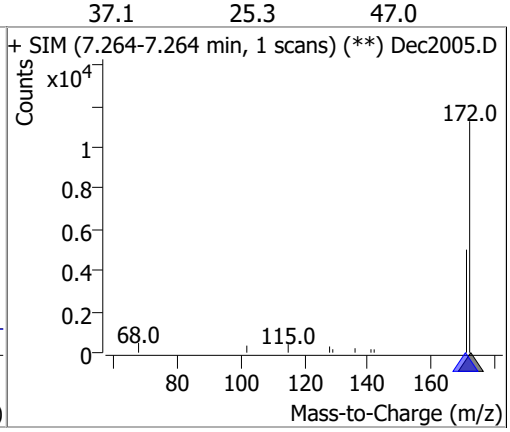



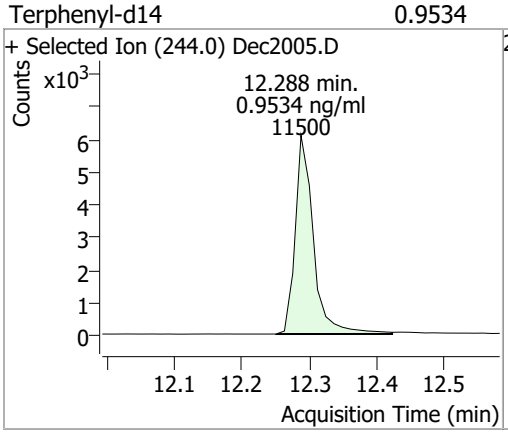

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 1.0107 | 7.26 | -0.01 | 19324 | 171.0 | 37.1 | 25.3 | 47.0 |

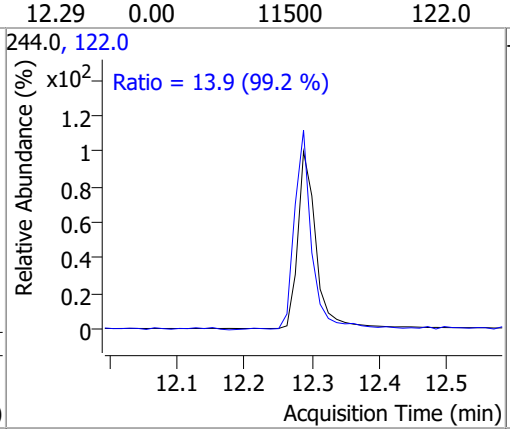


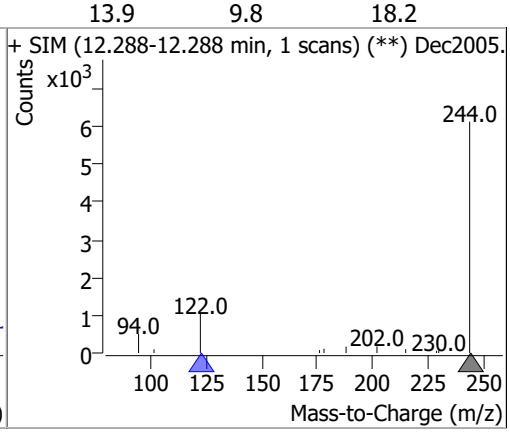




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 0.9534 | 12.29 | 0.00 | 11500 | 122.0 | 13.9 | 9.8 | 18.2 |

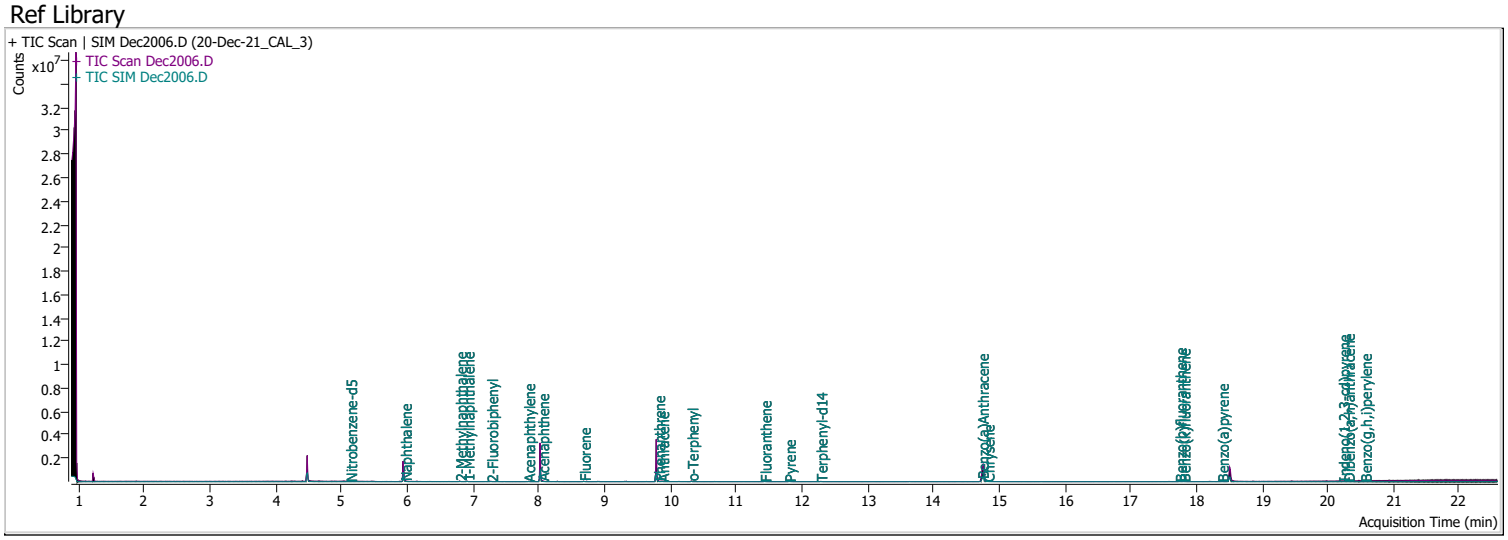


# Quantitation Results Report (QT Reviewed)

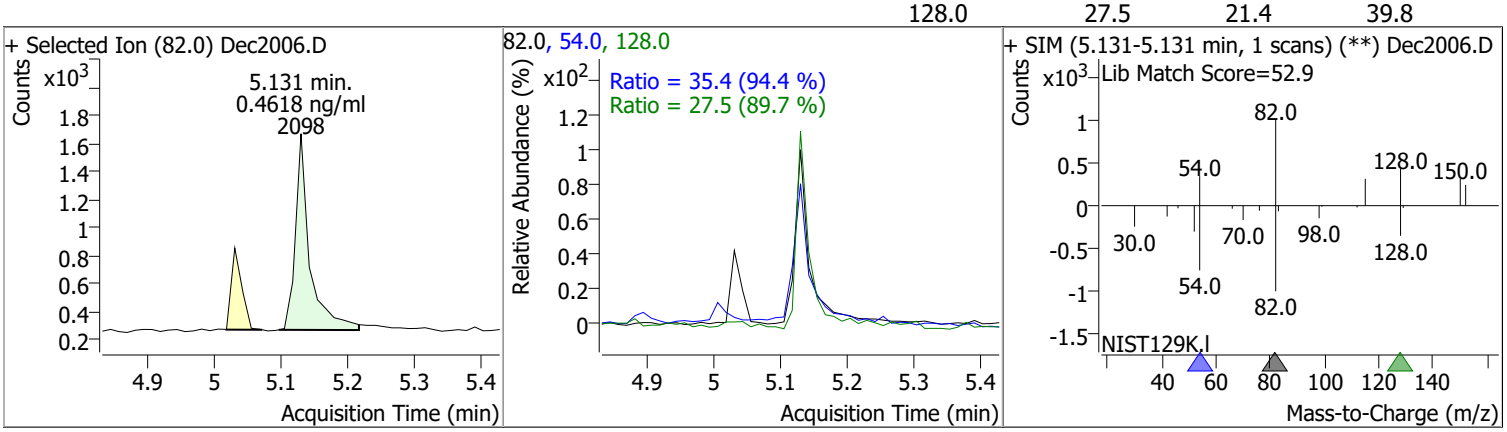
| | | | |
|---|---|---|---|
| Data File | Dec2006.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/20/2021 6:17:20 PM |
| Sample Name | 20-Dec-21_CAL_3 | Instrument | GCMS |
| Vial | 6 | Multiplier | 1.00 |
| DA Method File | | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122021 bna SIM 1.batch.bin | Last Calib Update | 12/21/2021 8:40:59 AM |
| Ref Library | | | |



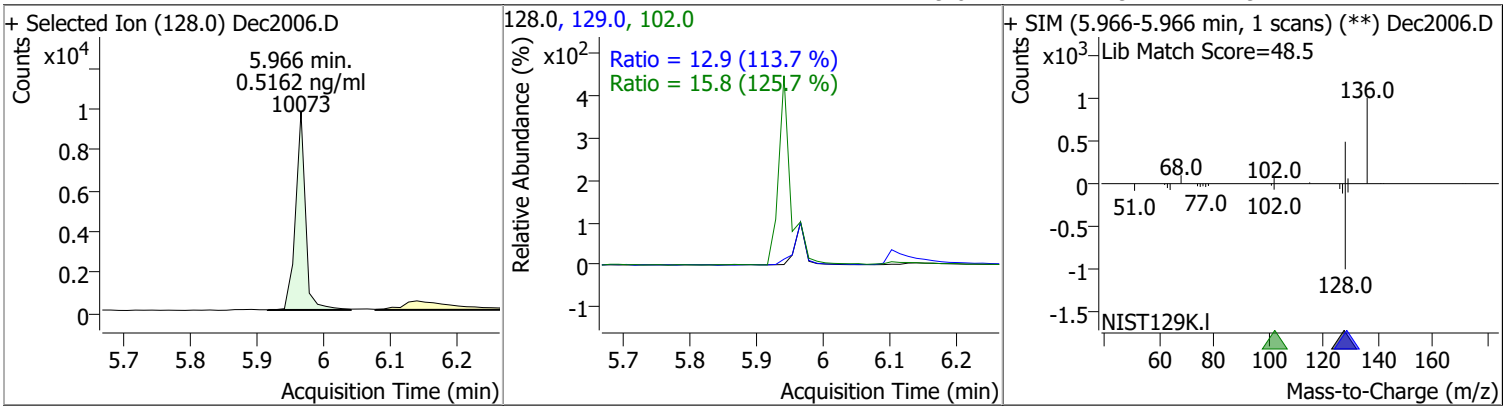

| Compound | RT | QIon | Resp. | Conc. | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| **System Monitoring Compounds** | | | | | | | |
| S Nitrobenzene-d5 | 5.131 | 82.0 | 2098 | 0.4618 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 9.24% | | * | |
| S 2-Fluorobiphenyl | 7.277 | 172.0 | 9064 | 0.4950 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 9.90% | | * | |
| S Terphenyl-d14 | 12.288 | 244.0 | 5443 | 0.4795 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 9.59% | | * | |
| **Target Compounds** | | | | | | | QValue |
| T Naphthalene | 5.966 | 128.0 | 10073 | 0.5162 | ng/ml | | 94 |
| T 2-Methylnaphthalene | 6.802 | 141.0 | 6639 | 0.5466 | ng/ml | | 97 |
| T 1-Methylnaphthalene | 6.915 | 141.0 | 6126 | 0.5271 | ng/ml | m | 99 |

**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

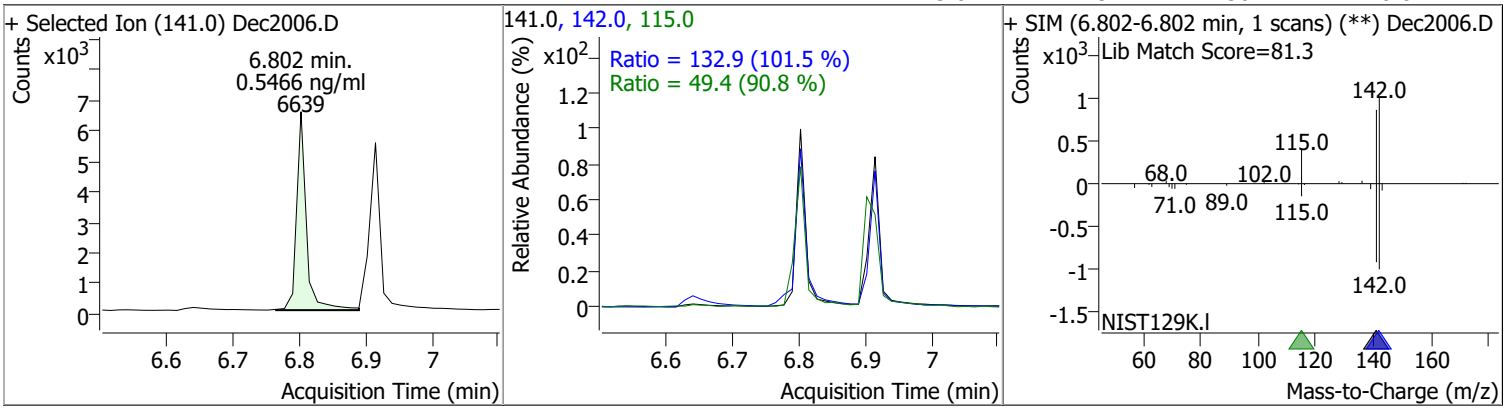
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 0.4618 | 5.13 | 0.00 | 2098 | 54.0 | 35.4 | 26.3 | 48.8 |
| | | | | | 128.0 | 27.5 | 21.4 | 39.8 |



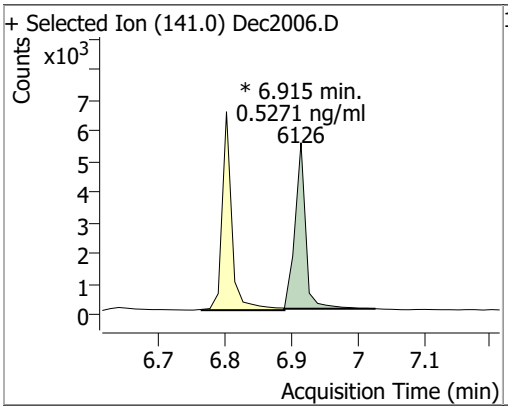

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Naphthalene | 0.5162 | 5.97 | 0.00 | 10073 | 102.0 | 15.8 | 0.0 | 37.7 |
| | | | | | 129.0 | 12.9 | 7.9 | 14.7 |

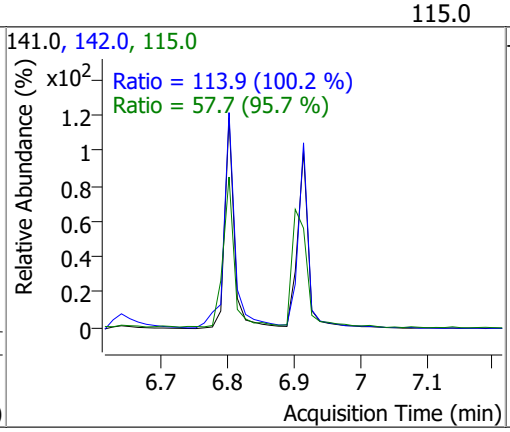


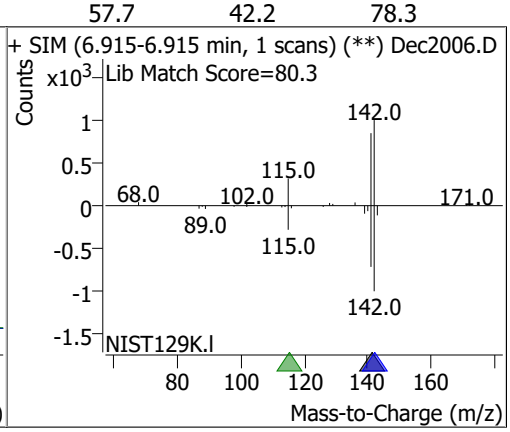

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 0.5466 | 6.80 | 0.00 | 6639 | 142.0 | 132.9 | 91.7 | 170.2 |
| | | | | | 115.0 | 49.4 | 38.1 | 70.8 |



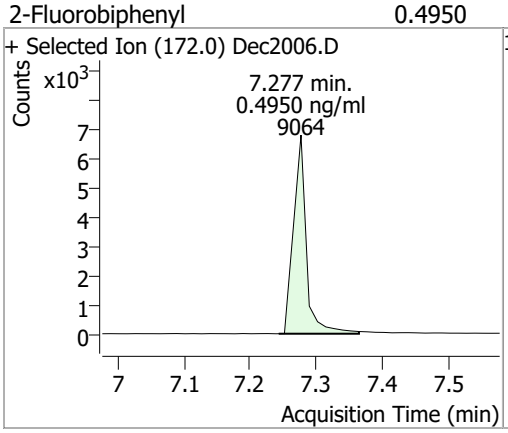
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | 0.5271 | 6.91 | 0.00 | 6126 (m) | 142.0 | 113.9 | 79.6 | 147.8 |
| | | | | | 115.0 | 57.7 | 42.2 | 78.3 |

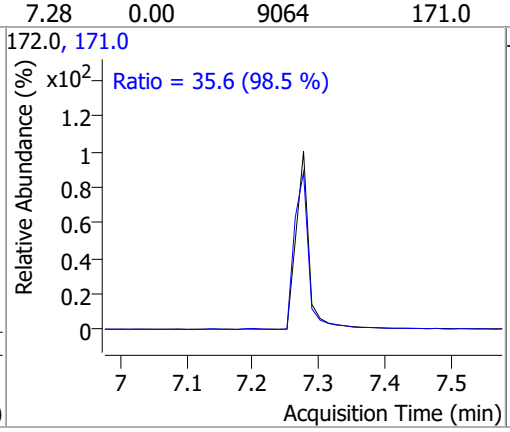


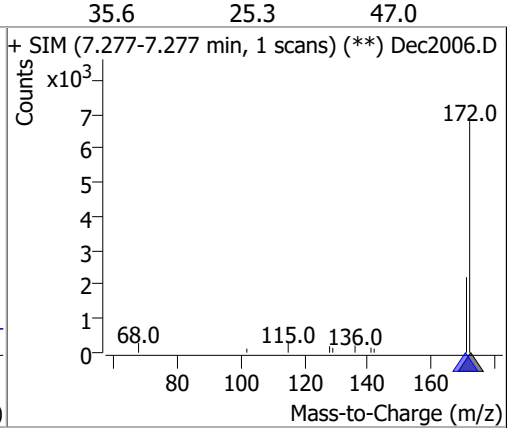



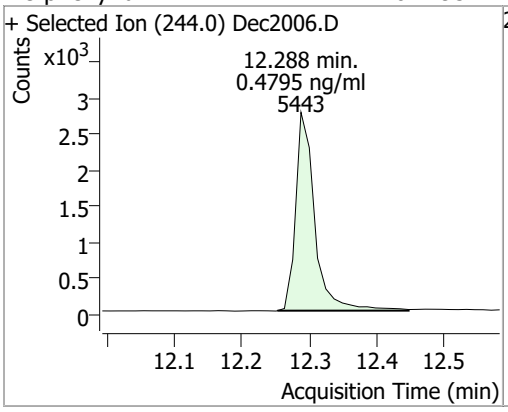

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 0.4950 | 7.28 | 0.00 | 9064 | 171.0 | 35.6 | 25.3 | 47.0 |

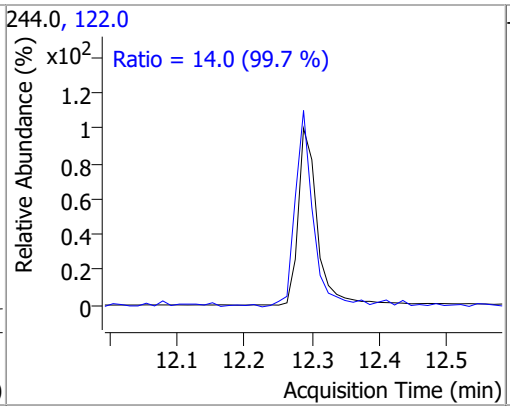


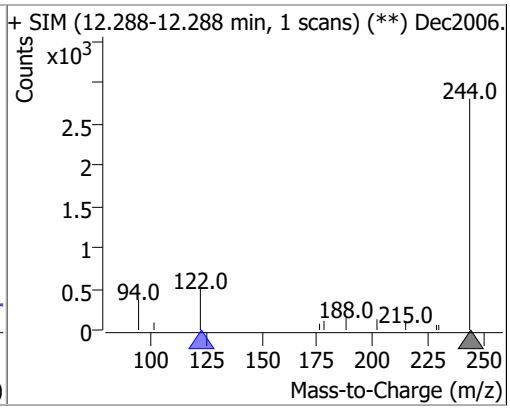




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 0.4795 | 12.29 | 0.00 | 5443 | 122.0 | 14.0 | 9.8 | 18.2 |



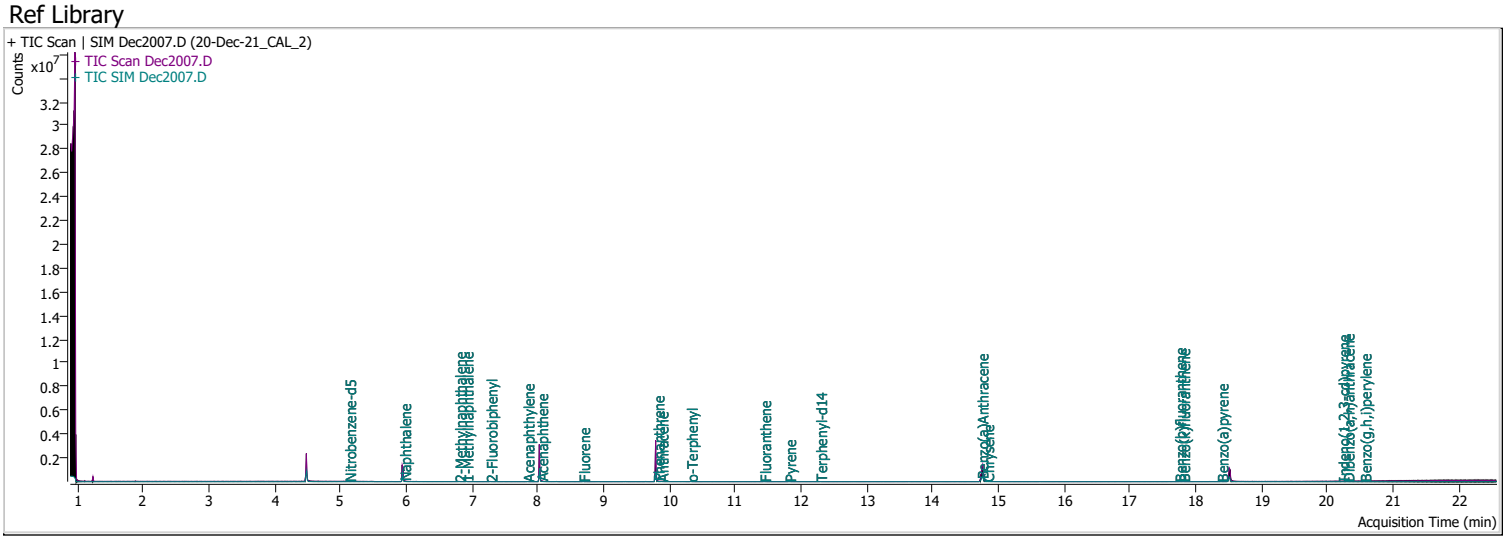



# Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

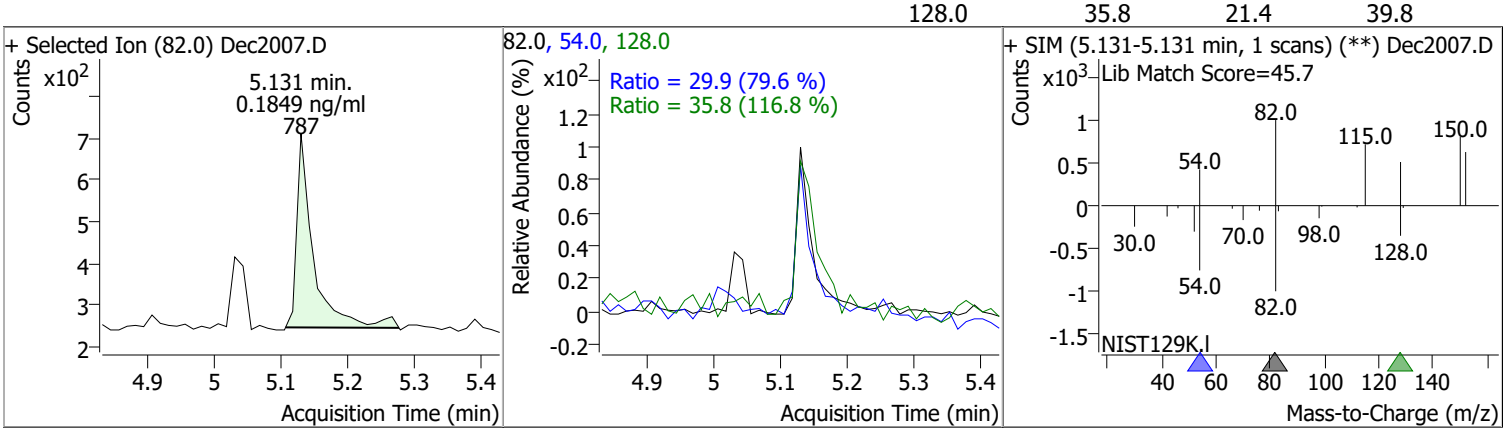
| | | | |
|---|---|---|---|
| Data File | Dec2007.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/20/2021 6:50:00 PM |
| Sample Name | 20-Dec-21_CAL_2 | Instrument | GCMS |
| Vial | 7 | Multiplier | 1.00 |
| DA Method File | | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122021 bna SIM 1.batch.bin | Last Calib Update | 12/21/2021 8:40:59 AM |
| Ref Library | | | |



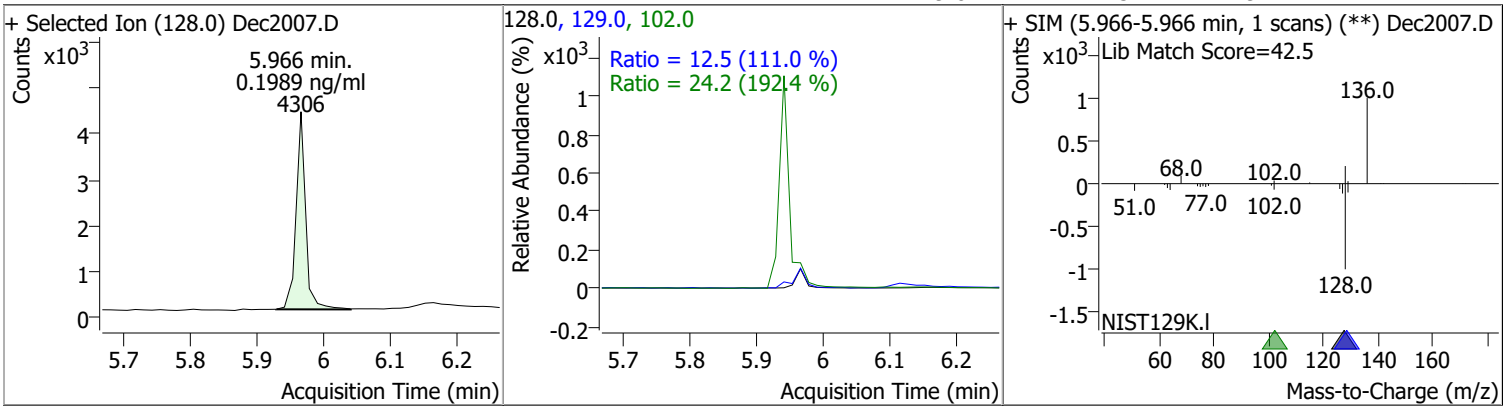

| Compound | RT | QIon | Resp. | Conc. | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| **System Monitoring Compounds** | | | | | | | |
| S Nitrobenzene-d5 | 5.131 | 82.0 | 787 | 0.1849 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 3.70% | | * | |
| S 2-Fluorobiphenyl | 7.277 | 172.0 | 3990 | 0.1985 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 3.97% | | * | |
| S Terphenyl-d14 | 12.288 | 244.0 | 2432 | 0.2174 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 4.35% | | * | |
| **Target Compounds** | | | | | | | QValue |
| T Naphthalene | 5.966 | 128.0 | 4306 | 0.1989 | ng/ml | | 83 |
| T 2-Methylnaphthalene | 6.802 | 141.0 | 2794 | 0.1995 | ng/ml | | 98 |
| T 1-Methylnaphthalene | 6.915 | 141.0 | 2699 | 0.2041 | ng/ml | m | 98 |

**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

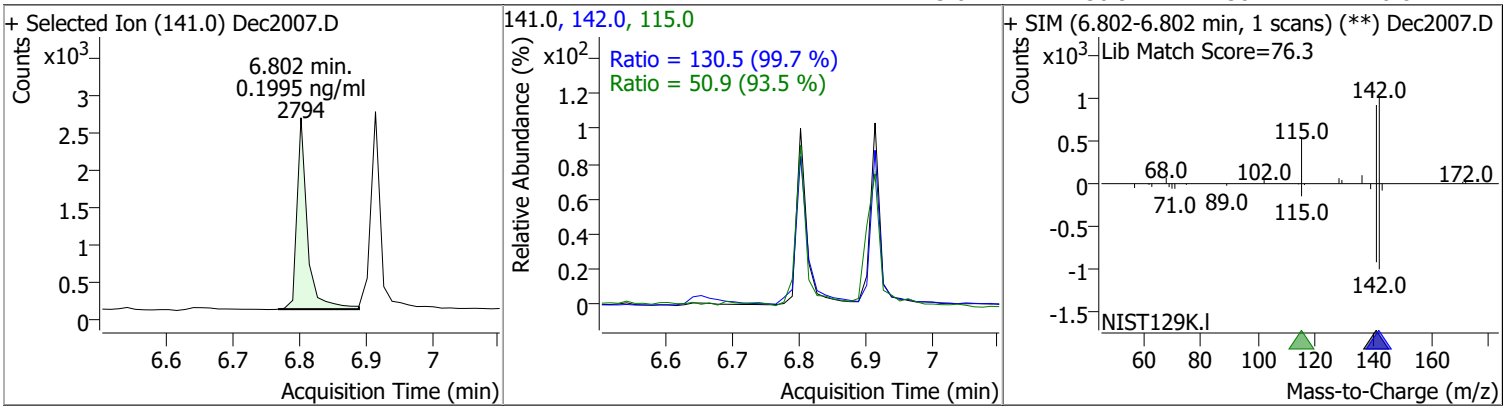
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 0.1849 | 5.13 | 0.00 | 787 | 54.0 | 29.9 | 26.3 | 48.8 |
| | | | | | 128.0 | 35.8 | 21.4 | 39.8 |



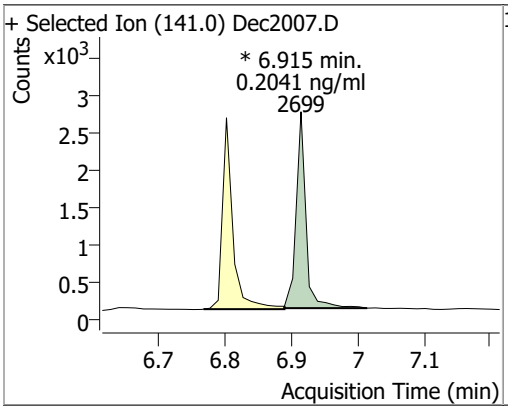

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Naphthalene | 0.1989 | 5.97 | 0.00 | 4306 | 102.0 | 24.2 | 0.0 | 37.7 |
| | | | | | 129.0 | 12.5 | 7.9 | 14.7 |

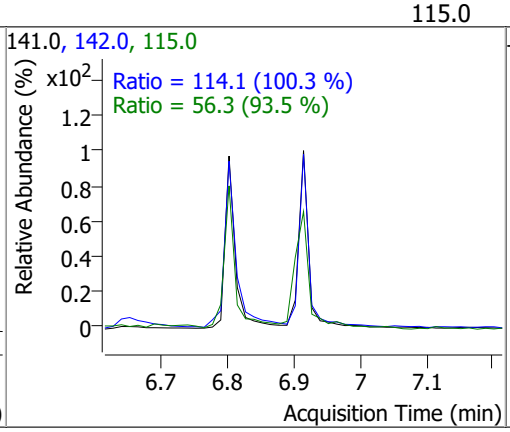


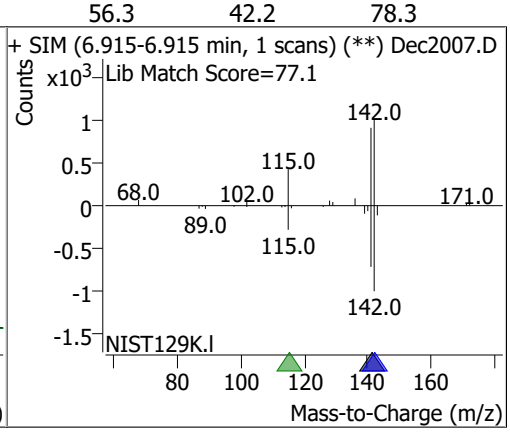

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 0.1995 | 6.80 | 0.00 | 2794 | 142.0 | 130.5 | 91.7 | 170.2 |
| | | | | | 115.0 | 50.9 | 38.1 | 70.8 |



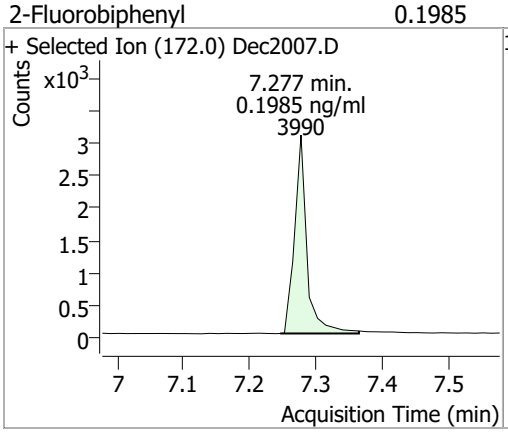
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | 0.2041 | 6.91 | 0.00 | 2699 (m) | 142.0 | 114.1 | 79.6 | 147.8 |
| | | | | | 115.0 | 56.3 | 42.2 | 78.3 |

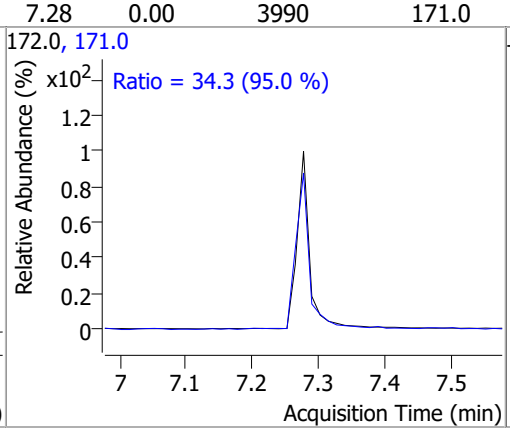


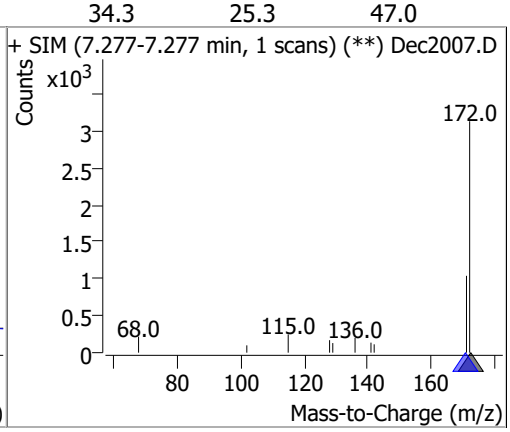



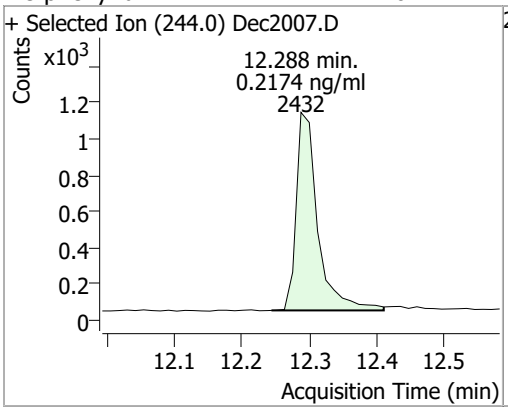

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 0.1985 | 7.28 | 0.00 | 3990 | 171.0 | 34.3 | 25.3 | 47.0 |

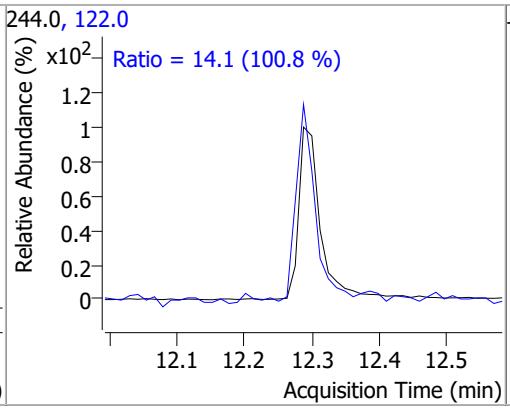


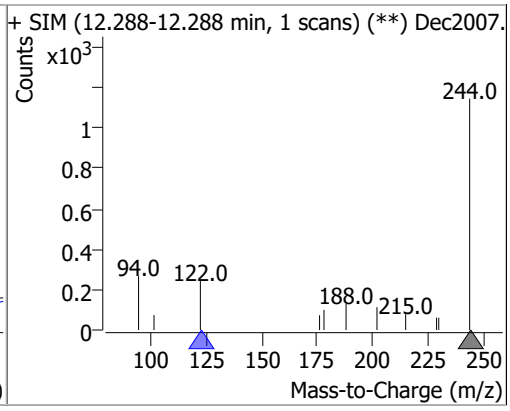




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 0.2174 | 12.29 | 0.00 | 2432 | 122.0 | 14.1 | 9.8 | 18.2 |

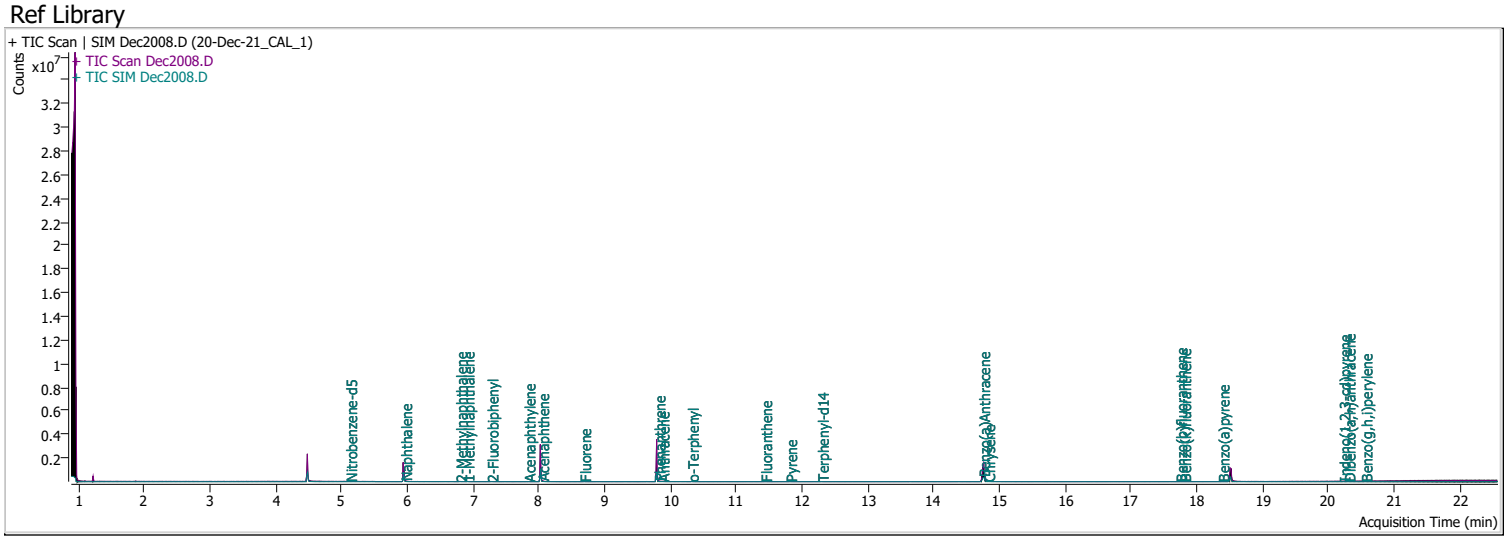


# Quantitation Results Report (QT Reviewed)

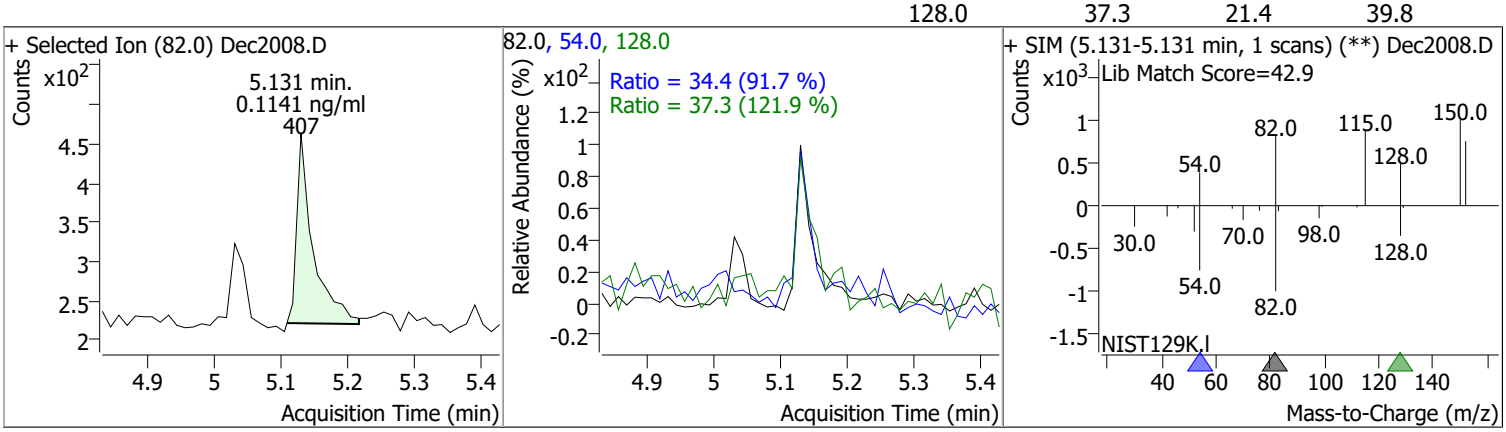
| | | | |
|---|---|---|---|
| Data File | Dec2008.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/20/2021 7:22:32 PM |
| Sample Name | 20-Dec-21_CAL_1 | Instrument | GCMS |
| Vial | 8 | Multiplier | 1.00 |
| DA Method File | | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122021 bna SIM 1.batch.bin | Last Calib Update | 12/21/2021 8:40:59 AM |
| Ref Library | | | |



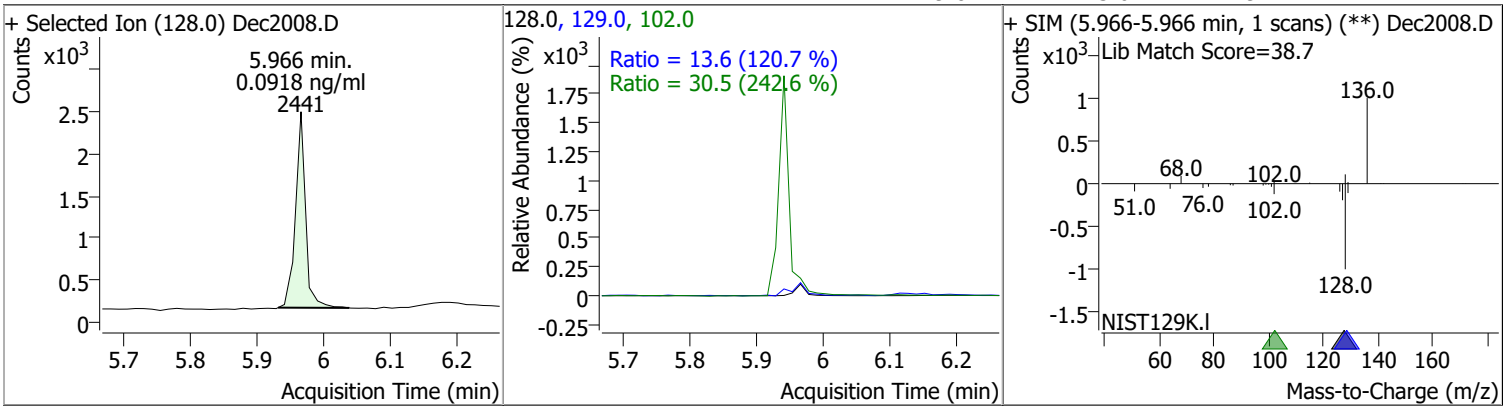

| Compound | RT | QIon | Resp. | Conc. | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| **System Monitoring Compounds** | | | | | | | |
| S Nitrobenzene-d5 | 5.131 | 82.0 | 407 | 0.1141 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 2.28% | | * | |
| S 2-Fluorobiphenyl | 7.277 | 172.0 | 2380 | 0.0987 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 1.97% | | * | |
| S Terphenyl-d14 | 12.300 | 244.0 | 1393 | 0.1234 | ng/ml | | 0.012 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 2.47% | | * | |
| **Target Compounds** | | | | | | | QValue |
| T Naphthalene | 5.966 | 128.0 | 2441 | 0.0918 | ng/ml | | 73 |
| T 2-Methylnaphthalene | 6.802 | 141.0 | 1596 | 0.0868 | ng/ml | | 97 |
| T 1-Methylnaphthalene | 6.915 | 141.0 | 1540 | 0.0896 | ng/ml | m | 96 |

**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

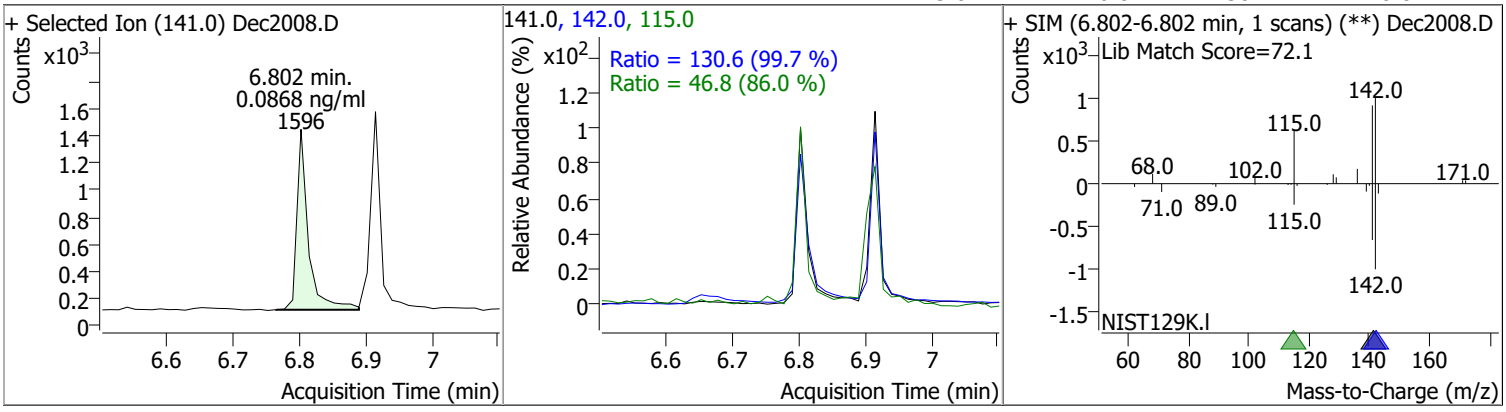
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 0.1141 | 5.13 | 0.00 | 407 | 54.0 | 34.4 | 26.3 | 48.8 |
| | | | | | 128.0 | 37.3 | 21.4 | 39.8 |



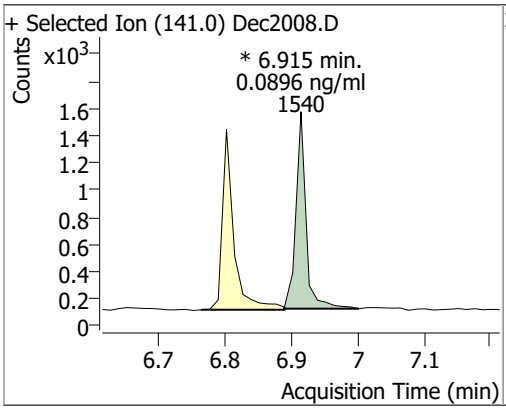

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Naphthalene | 0.0918 | 5.97 | 0.00 | 2441 | 102.0 | 30.5 | 0.0 | 37.7 |
| | | | | | 129.0 | 13.6 | 7.9 | 14.7 |

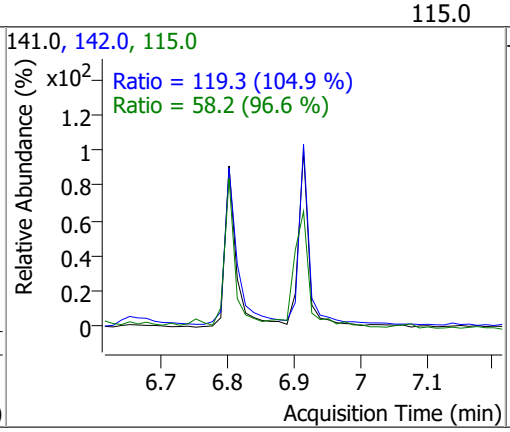


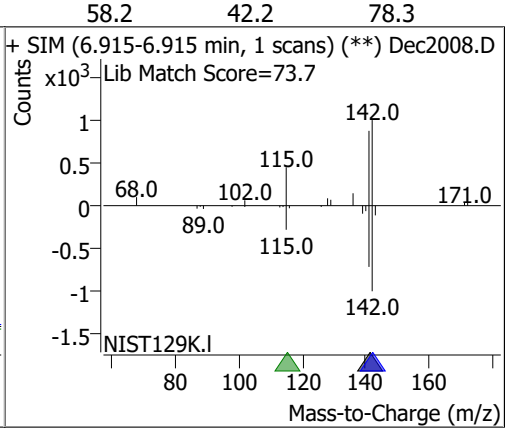

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 0.0868 | 6.80 | 0.00 | 1596 | 142.0 | 130.6 | 91.7 | 170.2 |
| | | | | | 115.0 | 46.8 | 38.1 | 70.8 |



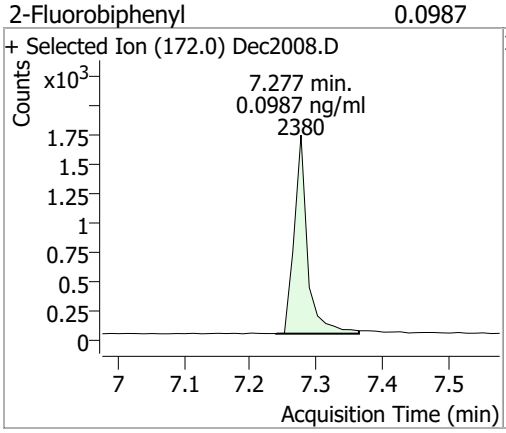
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | 0.0896 | 6.91 | 0.00 | 1540 (m) | 142.0 | 119.3 | 79.6 | 147.8 |
| | | | | | 115.0 | 58.2 | 42.2 | 78.3 |

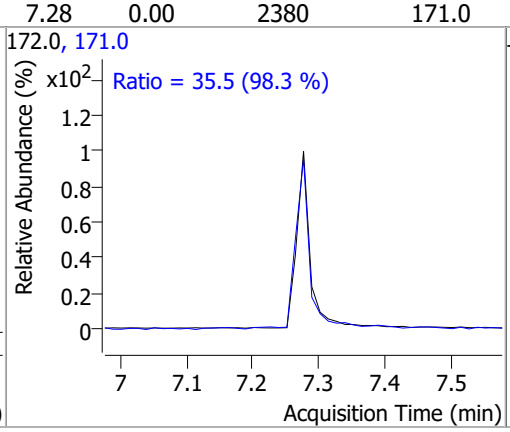


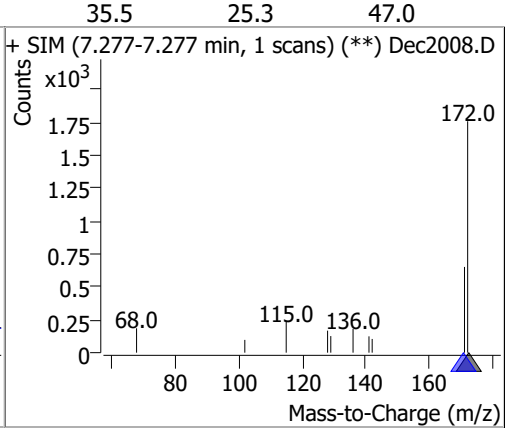



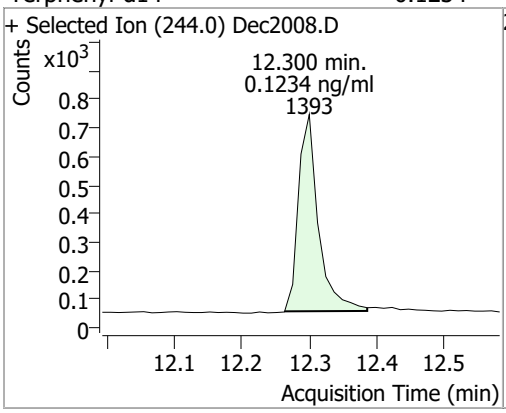

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 0.0987 | 7.28 | 0.00 | 2380 | 171.0 | 35.5 | 25.3 | 47.0 |

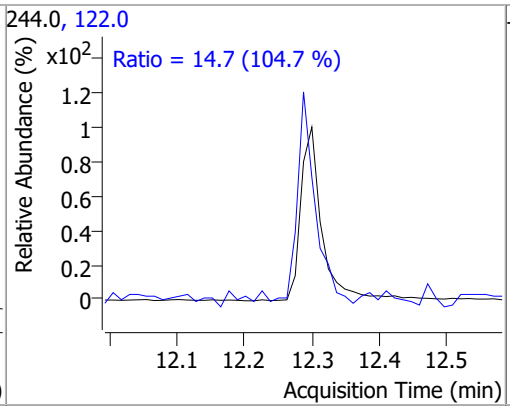


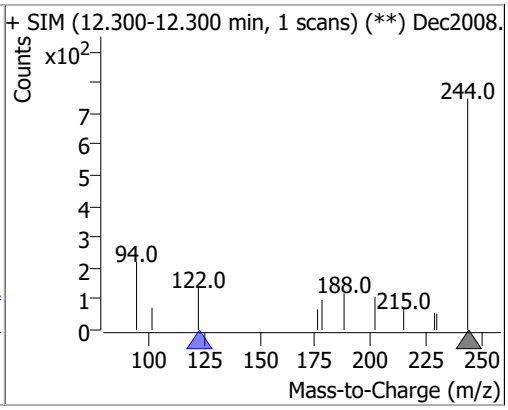




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 0.1234 | 12.30 | 0.01 | 1393 | 122.0 | 14.7 | 9.8 | 18.2 |



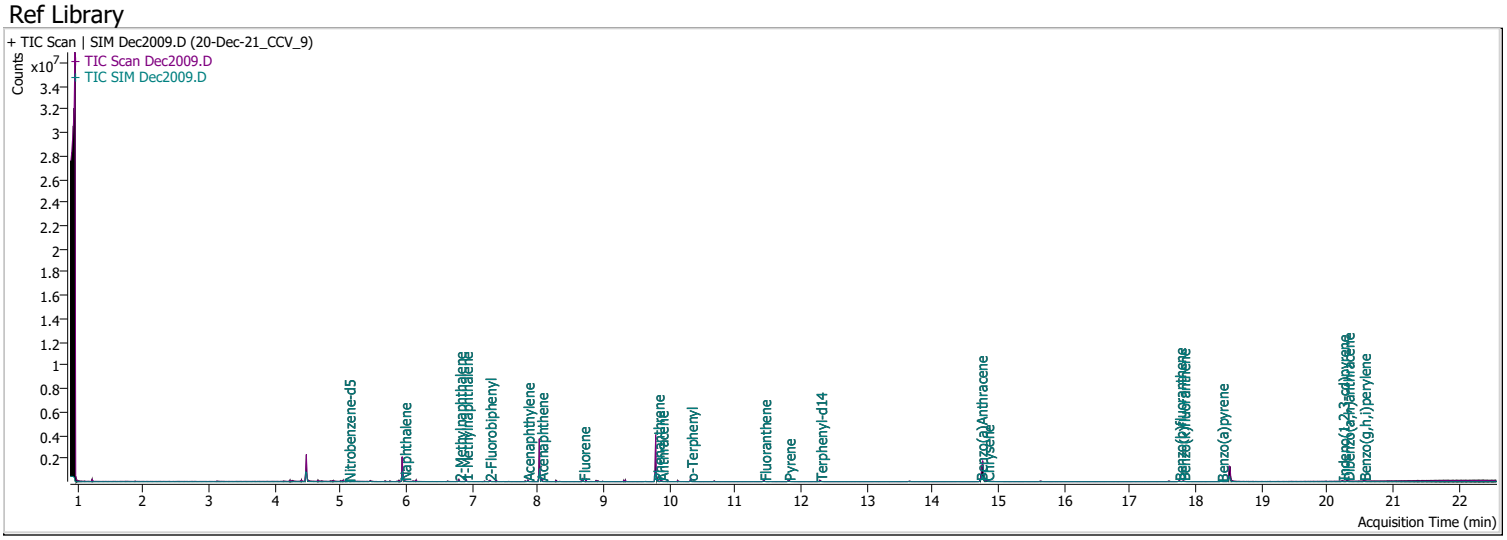



# Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

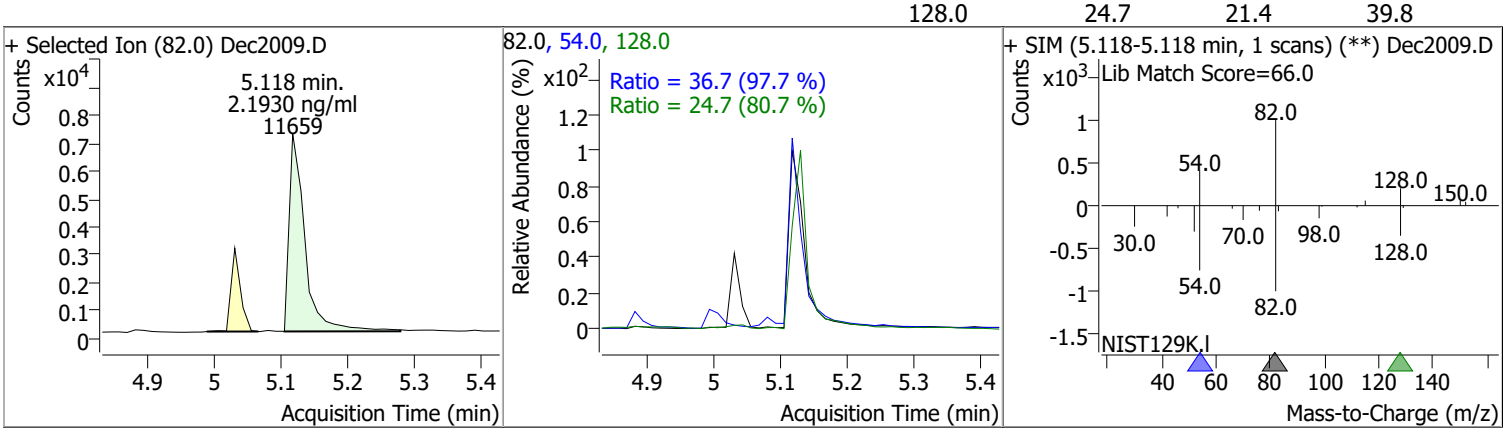
| | | | |
|---|---|---|---|
| Data File | Dec2009.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/20/2021 7:55:09 PM |
| Sample Name | 20-Dec-21_CCV_9 | Instrument | GCMS |
| Vial | 9 | Multiplier | 1.00 |
| DA Method File | | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122021 bna SIM 1.batch.bin | Last Calib Update | 12/21/2021 8:40:59 AM |
| Ref Library | | | |



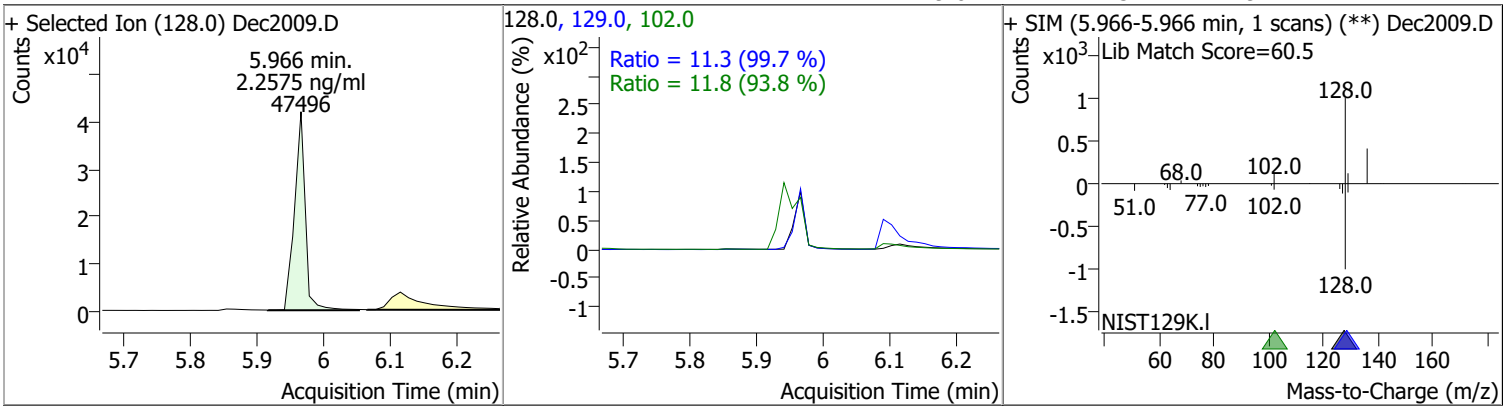

| Compound | RT | QIon | Resp. | Conc. | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| **System Monitoring Compounds** | | | | | | | |
| S Nitrobenzene-d5 | 5.118 | 82.0 | 11659 | 2.1930 | ng/ml | | -0.012 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 43.86% | | | |
| S 2-Fluorobiphenyl | 7.265 | 172.0 | 40931 | 2.1670 | ng/ml | | -0.012 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 43.34% | | | |
| S Terphenyl-d14 | 12.288 | 244.0 | 29013 | 2.2445 | ng/ml | m | 0.000 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 44.89% | | | |
| **Target Compounds** | | | | | | | **QValue** |
| T Naphthalene | 5.966 | 128.0 | 47496 | 2.2575 | ng/ml | | 99 |
| T 2-Methylnaphthalene | 6.803 | 141.0 | 29476 | 2.3082 | ng/ml | m | 97 |
| T 1-Methylnaphthalene | 6.902 | 141.0 | 28348 | 2.2783 | ng/ml | m | 99 |

**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

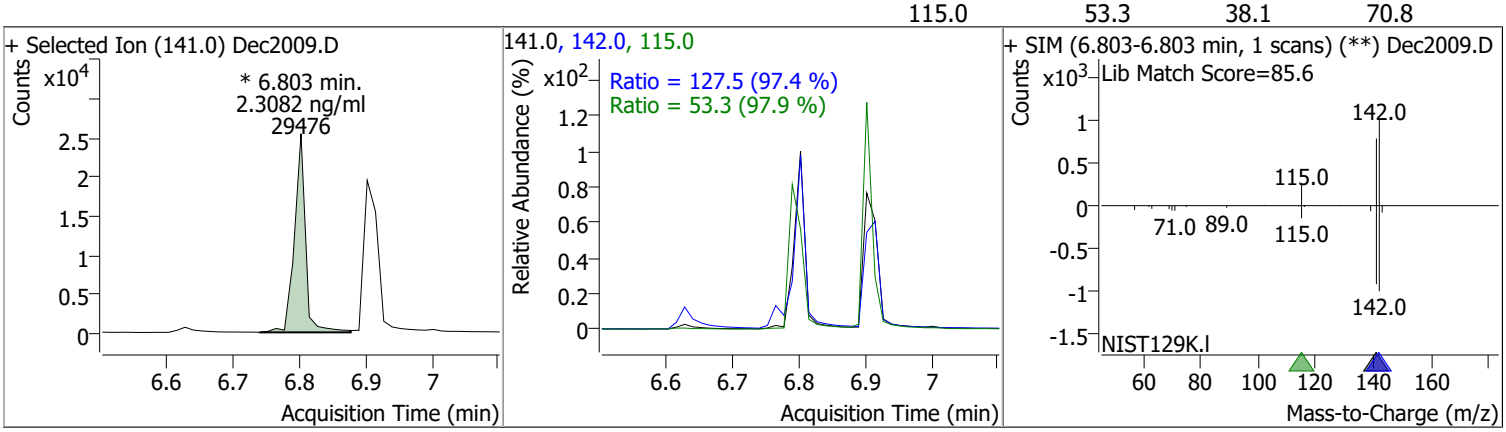
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 2.1930 | 5.12 | -0.01 | 11659 | 54.0 | 36.7 | 26.3 | 48.8 |
| | | | | | 128.0 | 24.7 | 21.4 | 39.8 |



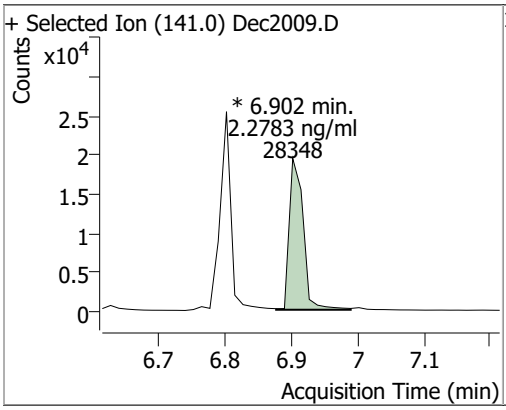

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Naphthalene | 2.2575 | 5.97 | 0.00 | 47496 | 102.0 | 11.8 | 0.0 | 37.7 |
| | | | | | 129.0 | 11.3 | 7.9 | 14.7 |

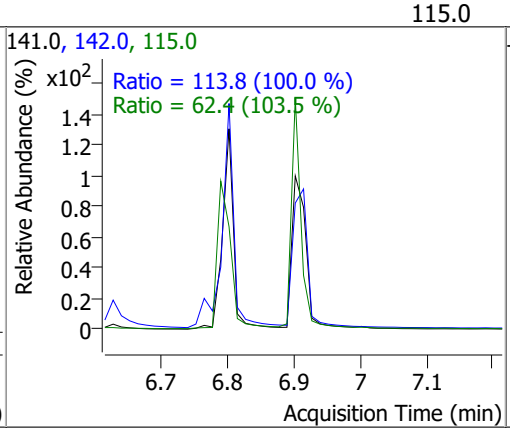


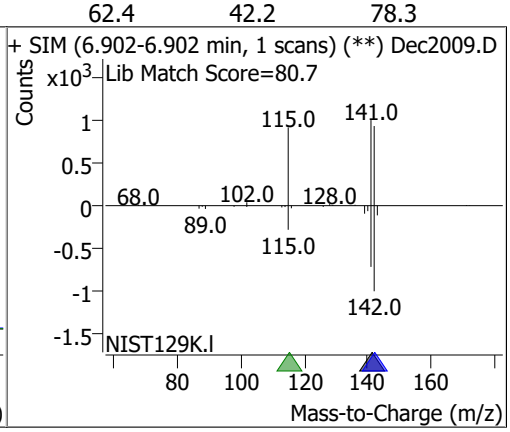

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 2.3082 | 6.80 | 0.00 | 29476 (m) | 142.0 | 127.5 | 91.7 | 170.2 |
| | | | | | 115.0 | 53.3 | 38.1 | 70.8 |



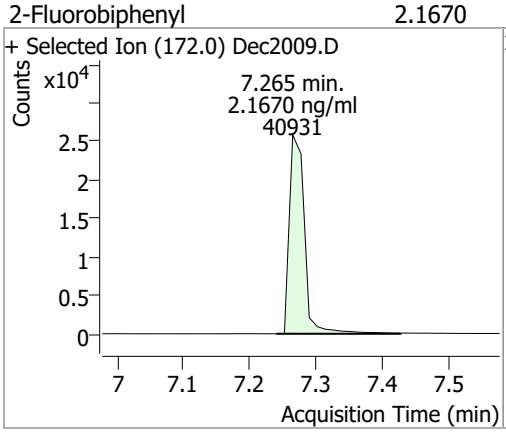
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | 2.2783 | 6.90 | -0.01 | 28348 (m) | 142.0 | 113.8 | 79.6 | 147.8 |
| | | | | | 115.0 | 62.4 | 42.2 | 78.3 |

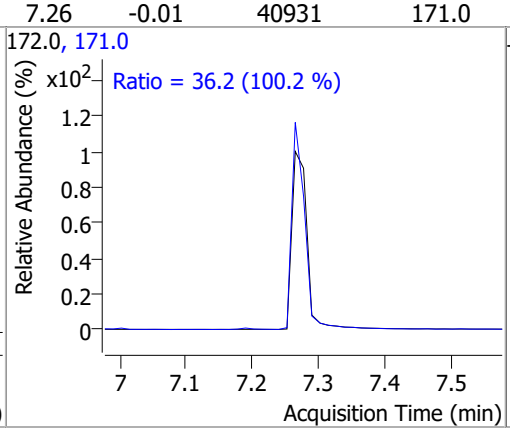


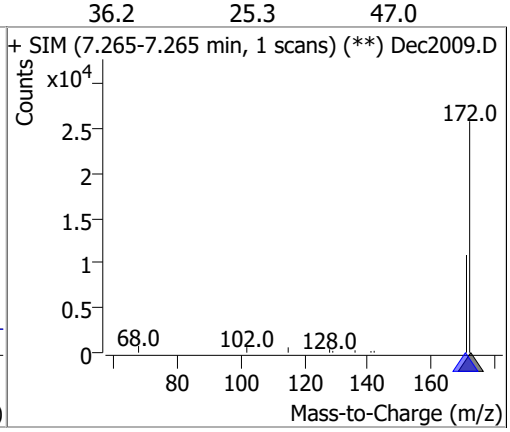



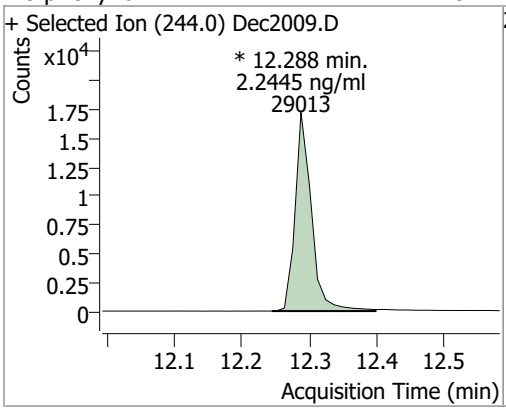

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 2.1670 | 7.26 | -0.01 | 40931 | 171.0 | 36.2 | 25.3 | 47.0 |

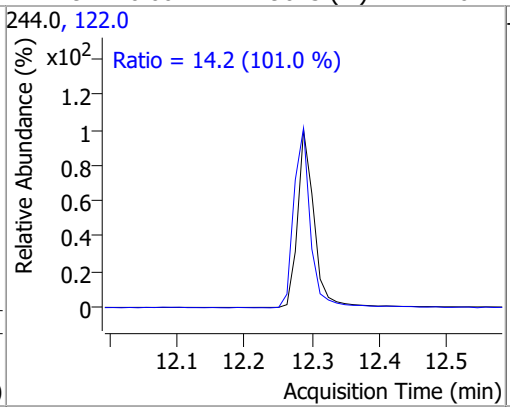


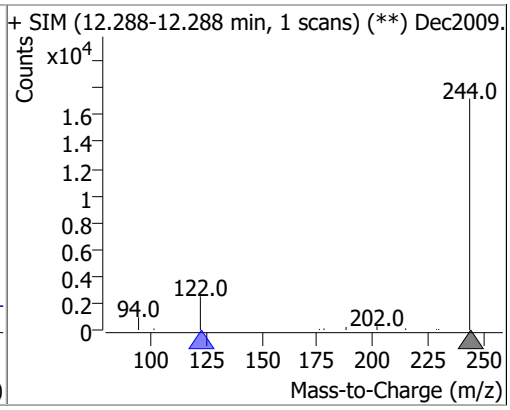




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 2.2445 | 12.29 | 0.00 | 29013 (m) | 122.0 | 14.2 | 9.8 | 18.2 |

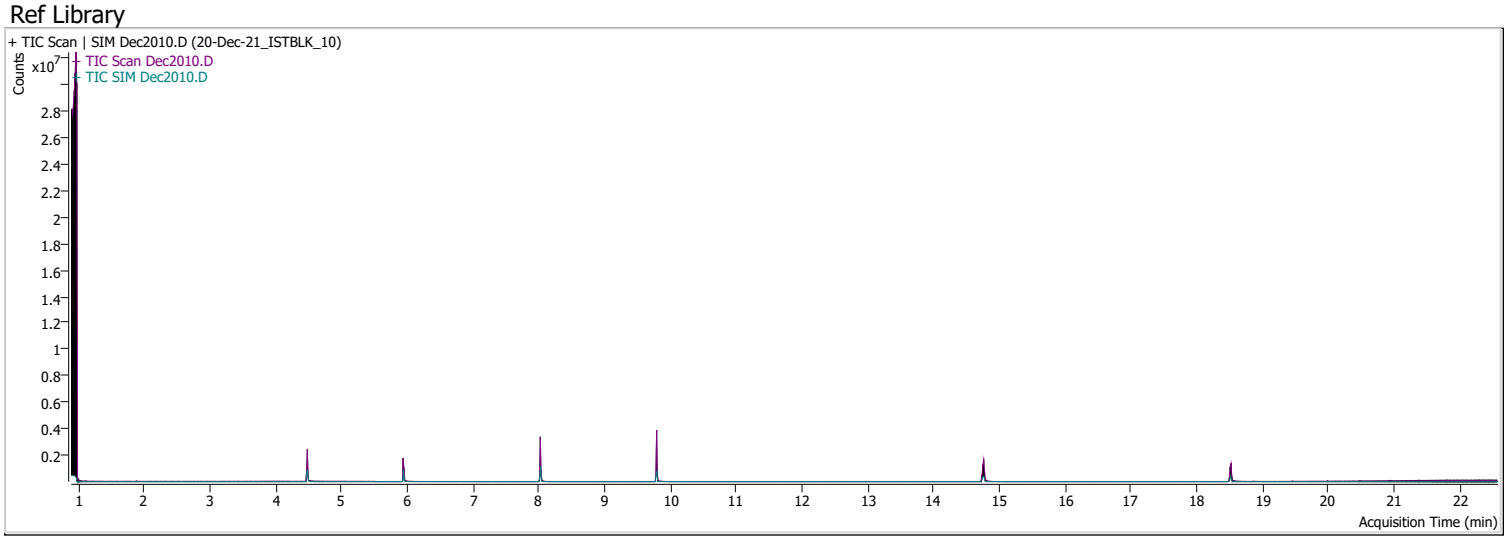


# Quantitation Results Report (QT Reviewed)

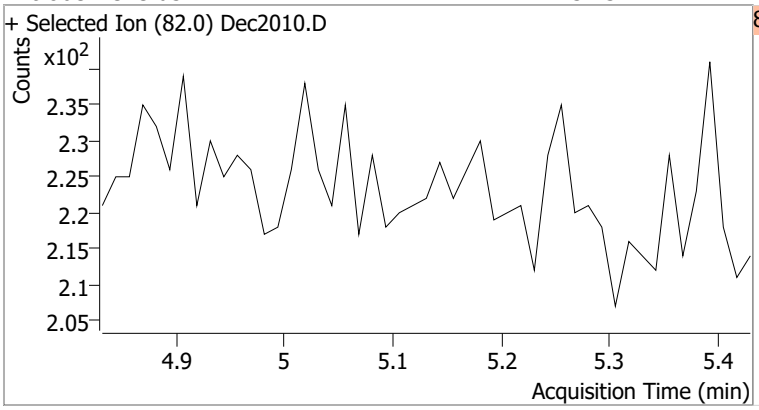
| | | | |
|---|---|---|---|
| Data File | Dec2010.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/20/2021 8:27:40 PM |
| Sample Name | 20-Dec-21_ISTBLK_10 | Instrument | GCMS |
| Vial | 10 | Multiplier | 1.00 |
| DA Method File | | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122021 bna SIM 1.batch.bin | Last Calib Update | 12/21/2021 8:40:59 AM |
| Ref Library | | | |

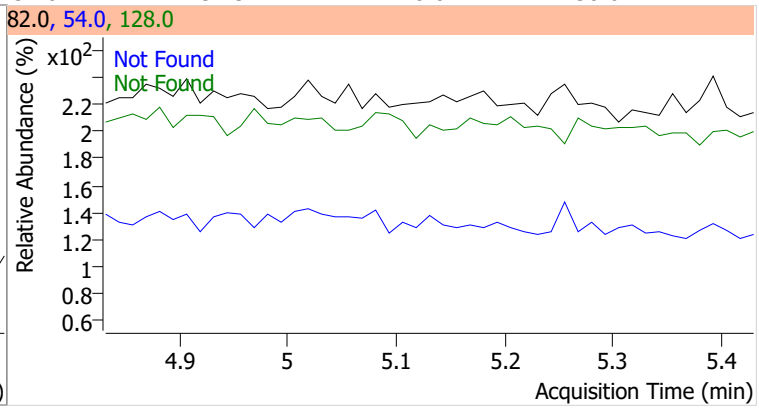



| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| **System Monitoring Compounds** | | | | | | |
| S Nitrobenzene-d5 | 0.000 | | 0 | N.D. | | |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = NA% | | |
| S 2-Fluorobiphenyl | 0.000 | | 0 | N.D. | | |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = NA% | | |
| S Terphenyl-d14 | 0.000 | | 0 | N.D. | | |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = NA% | | |
| **Target Compounds** | | | | | | QValue |
| T Naphthalene | 0.000 | | 0 | N.D. | | |
| T 2-Methylnaphthalene | 0.000 | | 0 | N.D. | | |
| T 1-Methylnaphthalene | 0.000 | | 0 | N.D. | | |

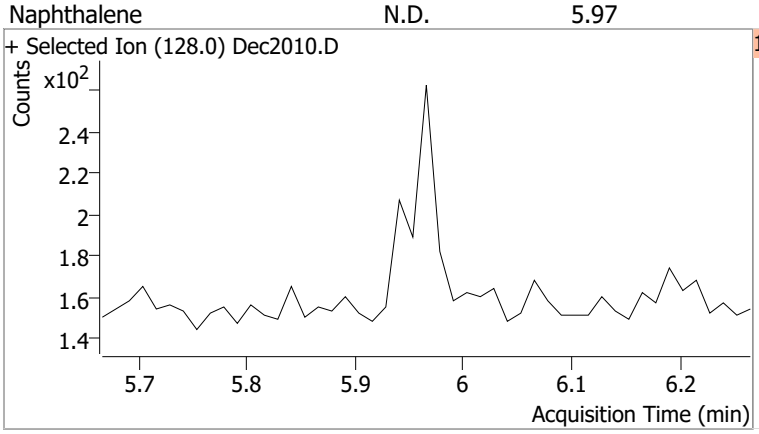
**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

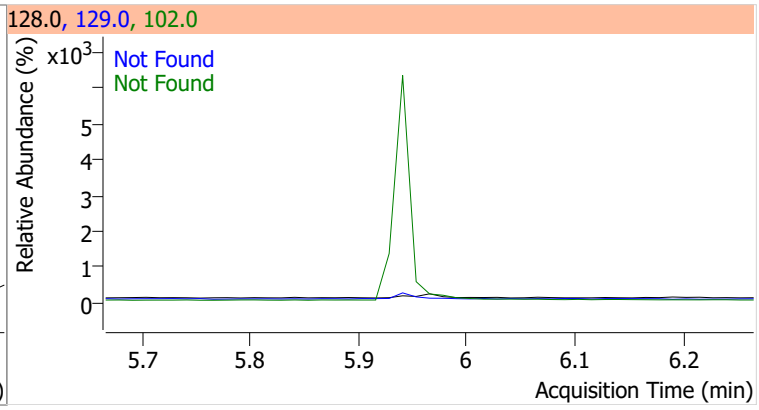
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | N.D. | 5.13 | 54.0 | 37.5 | 128.0 | 30.6 |



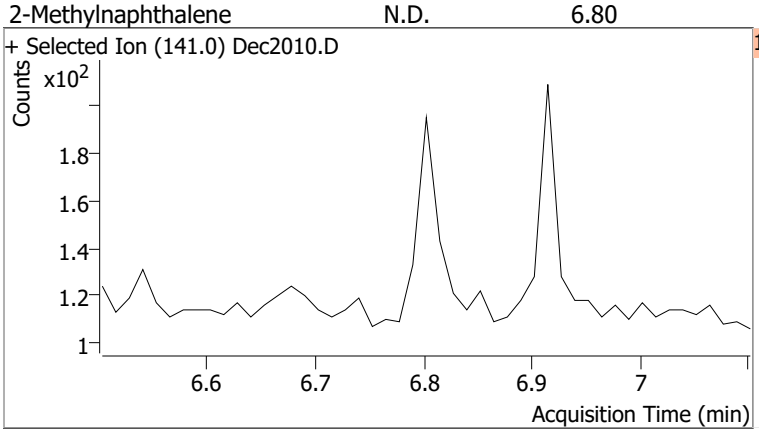



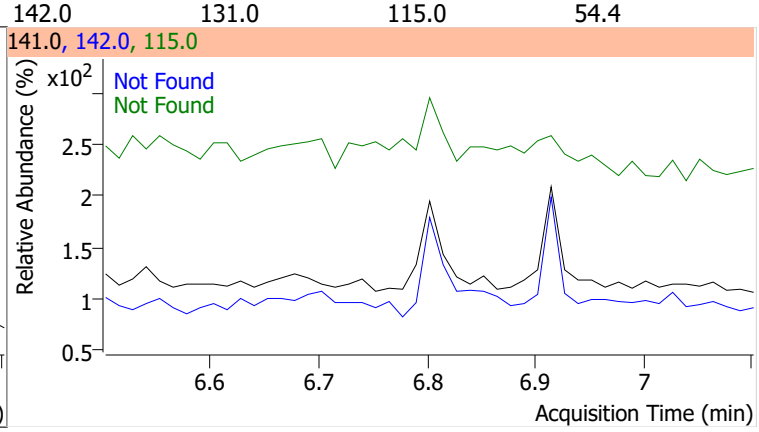

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| Naphthalene | N.D. | 5.97 | 102.0 | 12.6 | 129.0 | 11.3 |



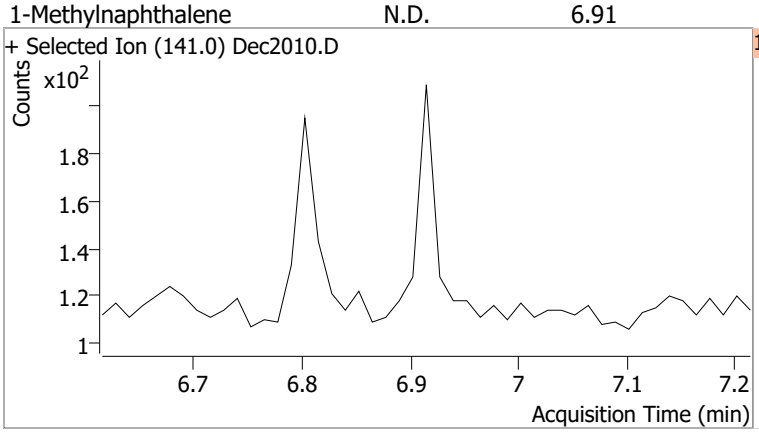



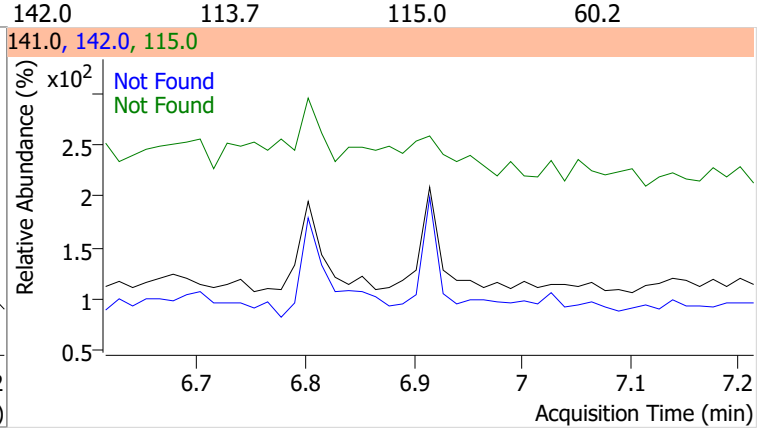

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | N.D. | 6.80 | 142.0 | 131.0 | 115.0 | 54.4 |



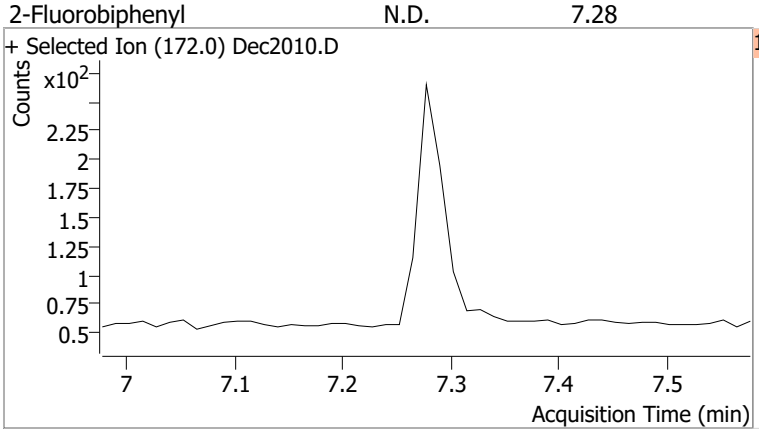



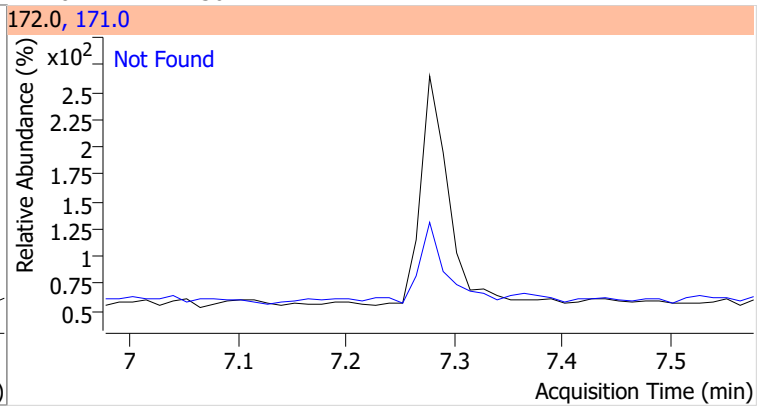

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | N.D. | 6.91 | 142.0 | 113.7 | 115.0 | 60.2 |



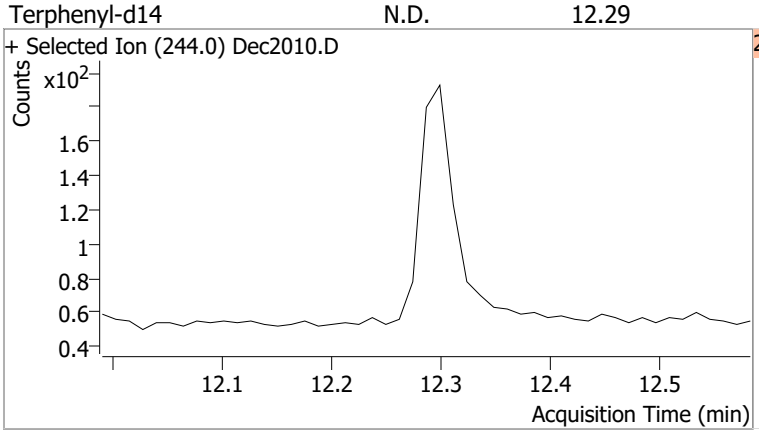



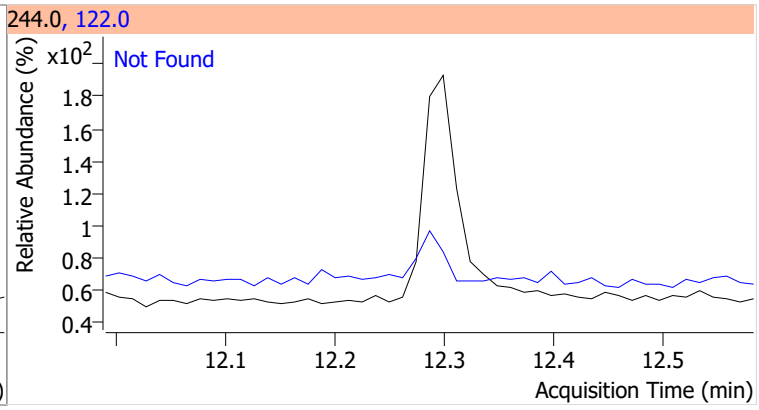
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|---|---|---|---|---|
| 2-Fluorobiphenyl | N.D. | 7.28 | 171.0 | 36.1 |



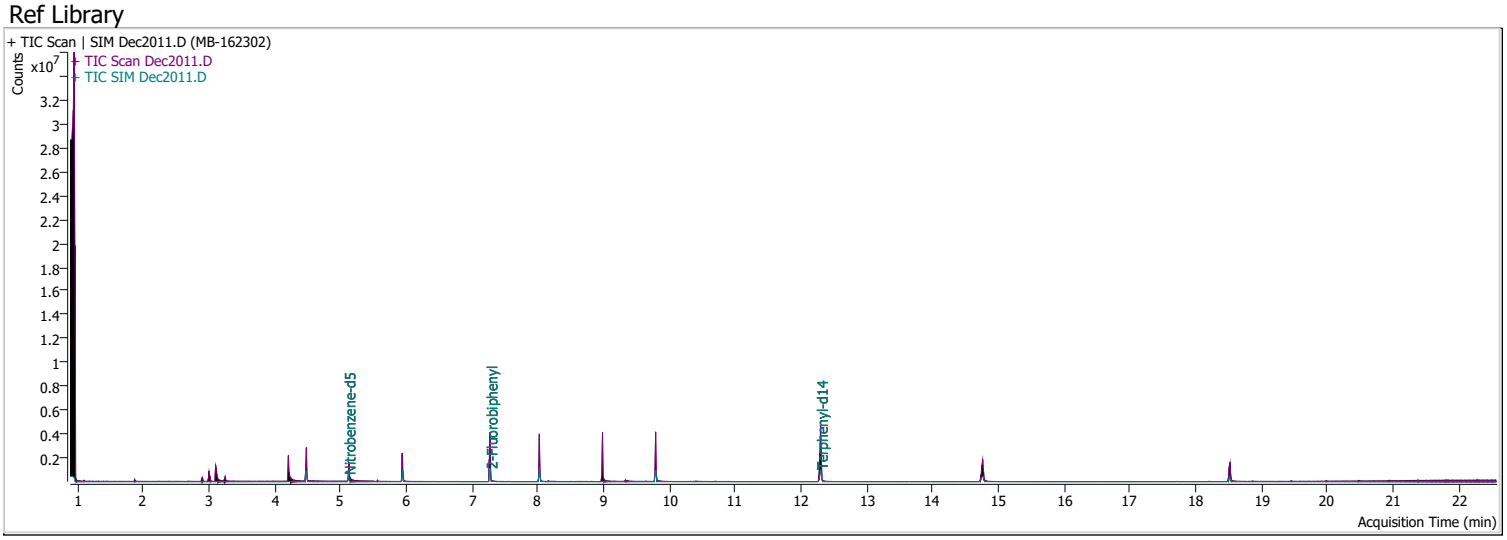

| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|---|---|---|---|---|
| Terphenyl-d14 | N.D. | 12.29 | 122.0 | 14.0 |



# Quantitation Results Report (QT Reviewed)

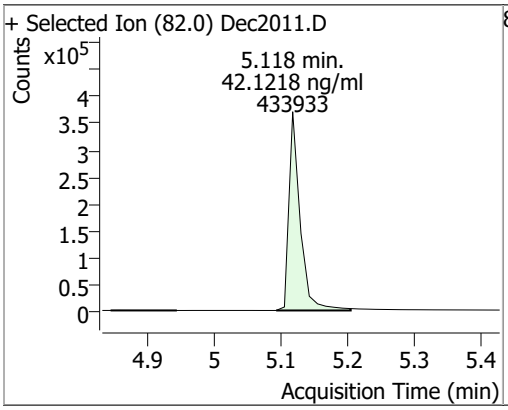
| | | | |
|---|---|---|---|
| Data File | Dec2011.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/20/2021 9:00:17 PM |
| Sample Name | MB-162302 | Instrument | GCMS |
| Vial | 11 | Multiplier | 1.00 |
| DA Method File | | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122021 bna SIM 1.batch.bin | Last Calib Update | 12/21/2021 8:40:59 AM |
| Ref Library | | | |

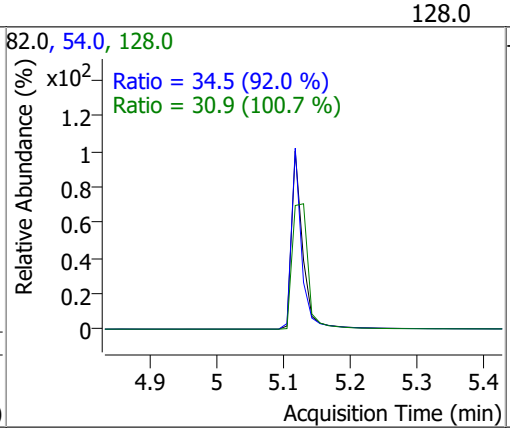


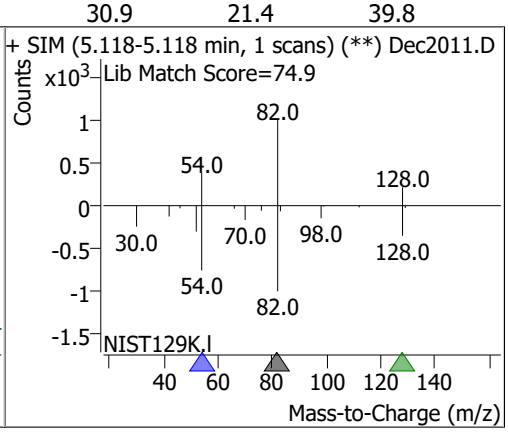

| Compound | RT | QIon | Resp. | Conc. | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| **System Monitoring Compounds** | | | | | | | |
| S Nitrobenzene-d5 | 5.118 | 82.0 | 433933 | 42.1218 | ng/ml | | -0.013 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 842.44% | | * | |
| S 2-Fluorobiphenyl | 7.277 | 172.0 | 1254055 | 56.4245 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 1128.49% | | * | |
| S Terphenyl-d14 | 12.300 | 244.0 | 1257778 | 91.5064 | ng/ml | | 0.012 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 1830.13% | | * | |
| **Target Compounds** | | | | | | | **QValue** |
| T Naphthalene | 0.000 | | 0 | N.D. | | | |
| T 2-Methylnaphthalene | 0.000 | | 0 | N.D. | | | |
| T 1-Methylnaphthalene | 0.000 | | 0 | N.D. | | | |

**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

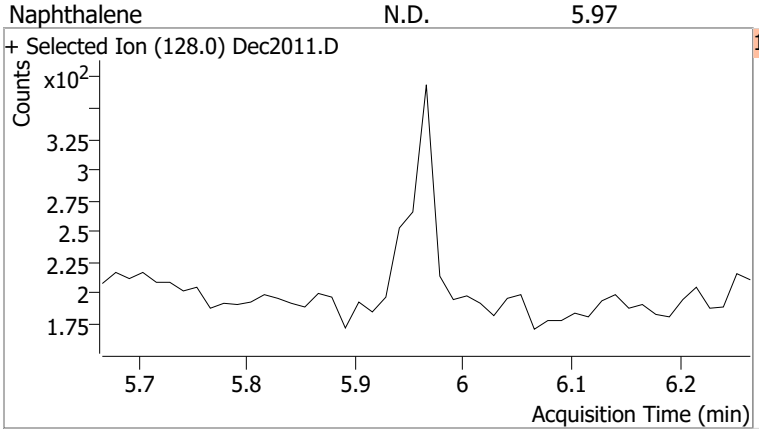
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 42.1218 | 5.12 | -0.01 | 433933 | 54.0 | 34.5 | 26.3 | 48.8 |
| | | | | | 128.0 | 30.9 | 21.4 | 39.8 |

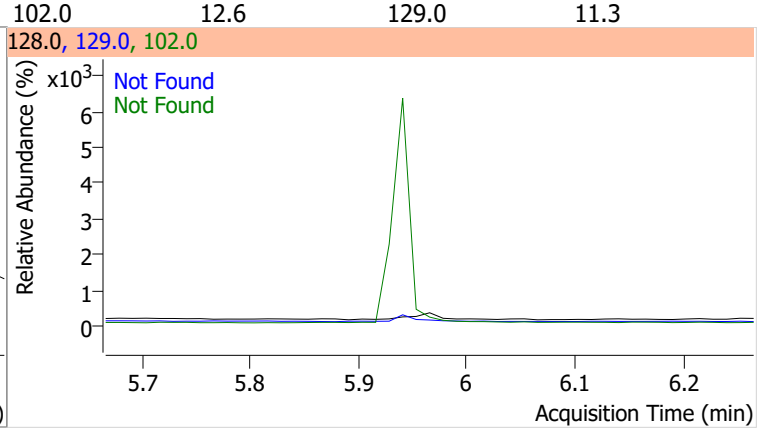


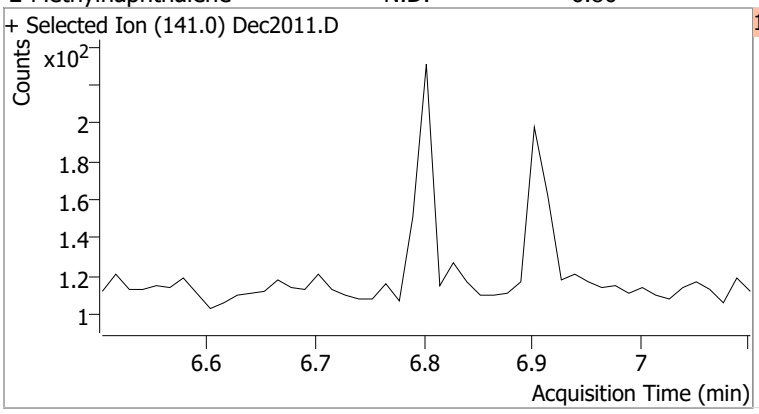



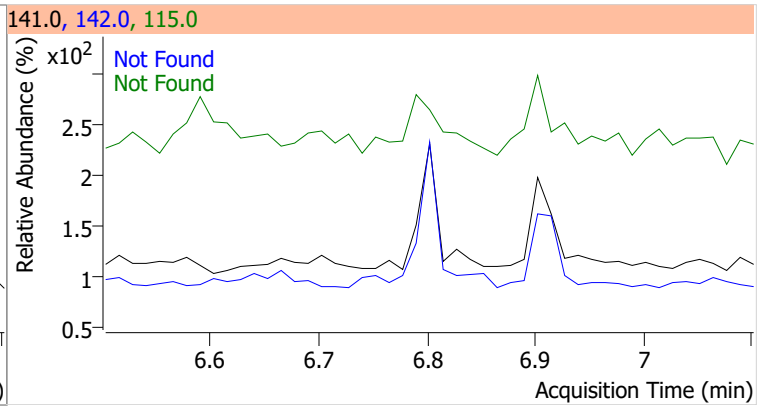

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| Naphthalene | N.D. | 5.97 | 102.0 | 12.6 | 129.0 | 11.3 |



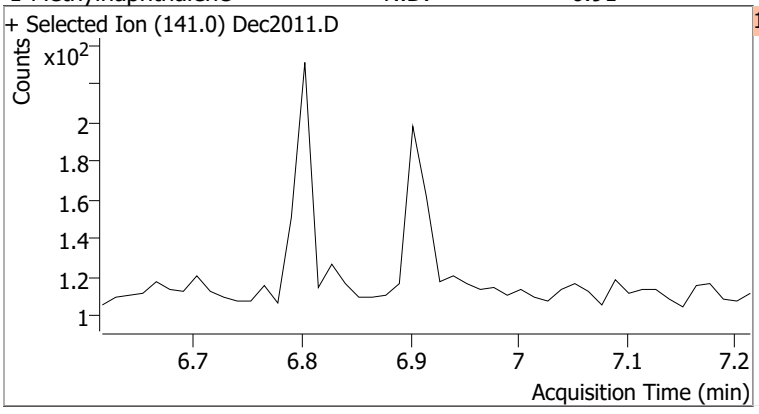



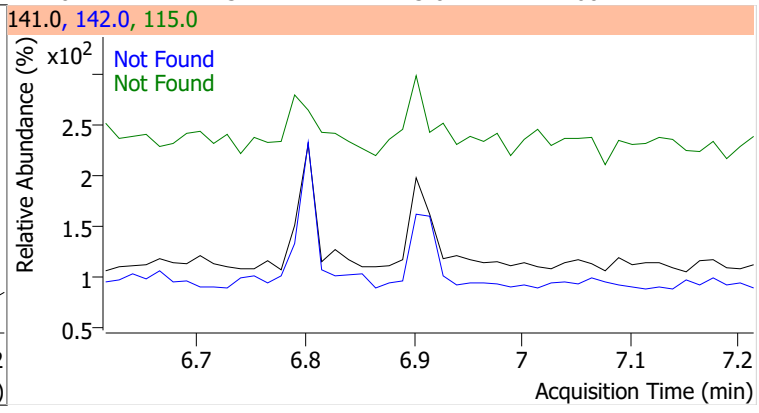

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | N.D. | 6.80 | 142.0 | 131.0 | 115.0 | 54.4 |



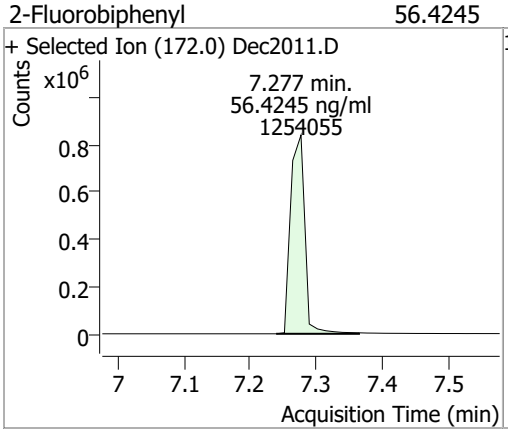



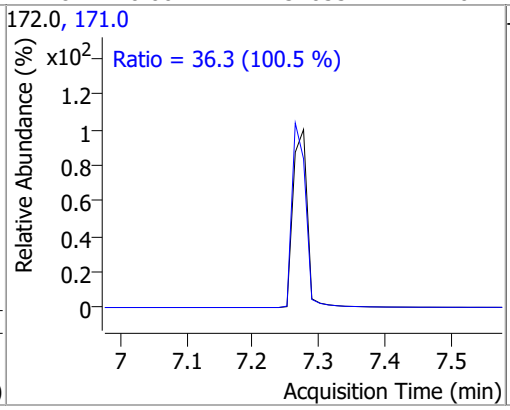

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | N.D. | 6.91 | 142.0 | 113.7 | 115.0 | 60.2 |

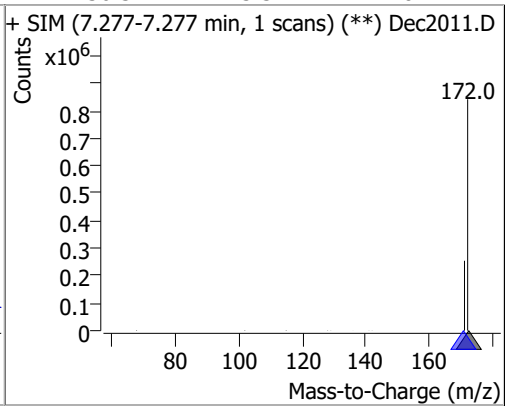


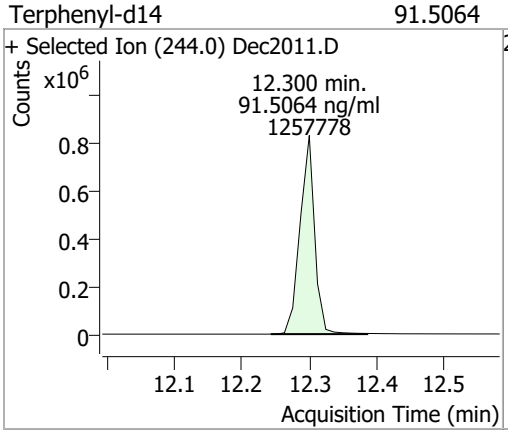
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 56.4245 | 7.28 | 0.00 | 1254055 | 171.0 | 36.3 | 25.3 | 47.0 |

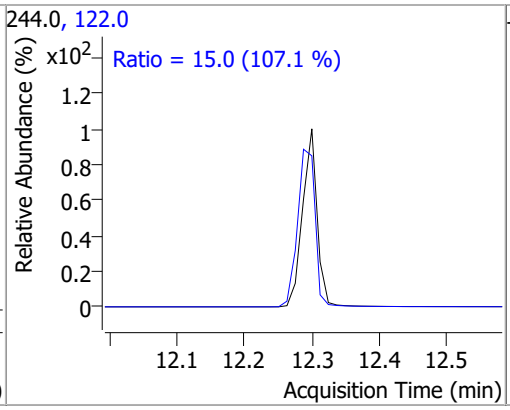


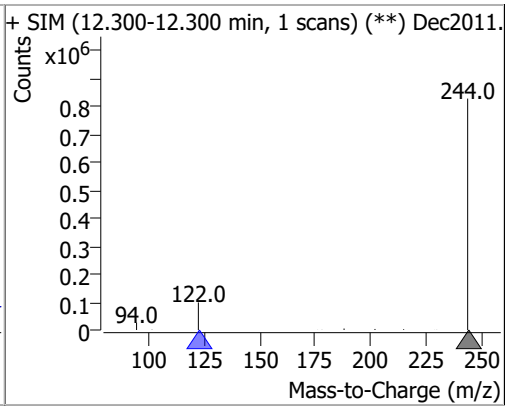




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 91.5064 | 12.30 | 0.01 | 1257778 | 122.0 | 15.0 | 9.8 | 18.2 |

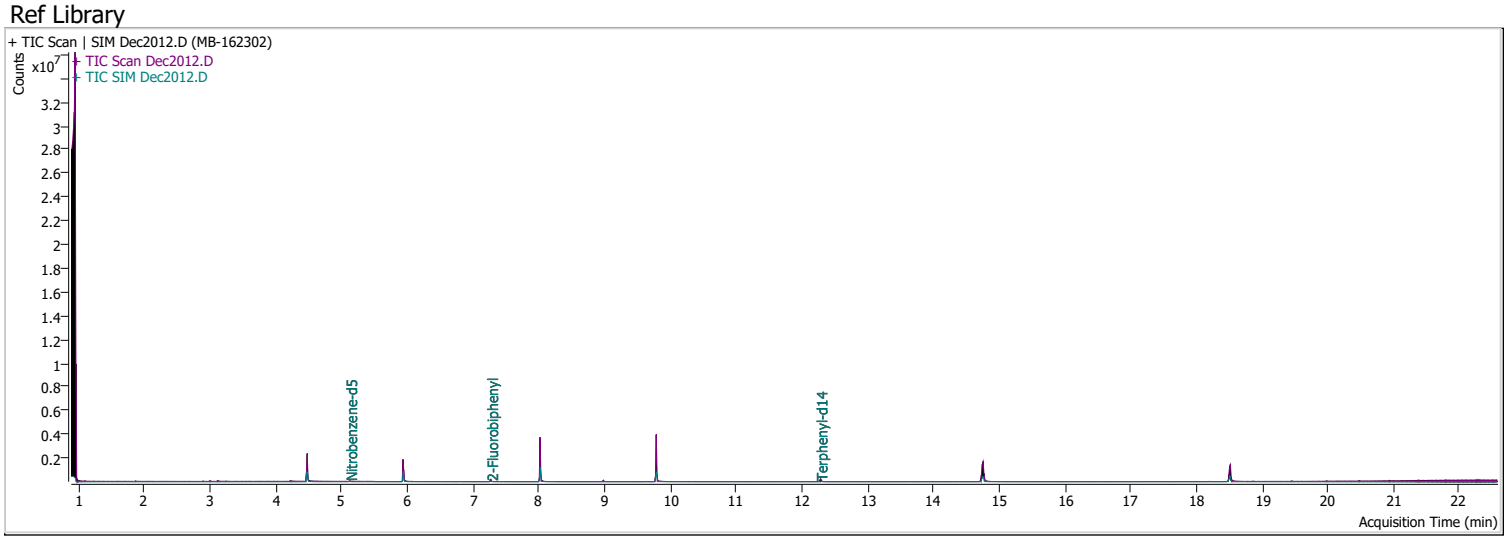


# Quantitation Results Report (QT Reviewed)

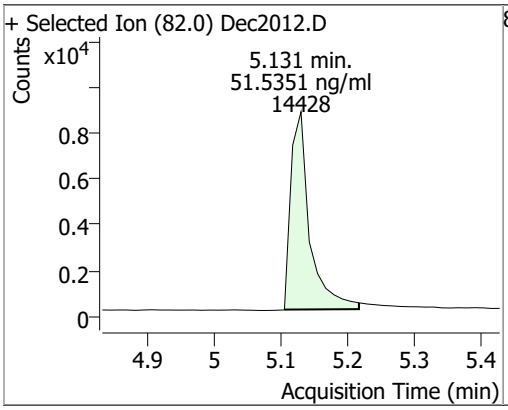
| | | | |
|---|---|---|---|
| Data File | Dec2012.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/20/2021 9:32:46 PM |
| Sample Name | MB-162302 | Instrument | GCMS |
| Vial | 12 | Multiplier | 20.00 |
| DA Method File | | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122021 bna SIM 1.batch.bin | Last Calib Update | 12/21/2021 8:40:59 AM |
| Ref Library | | | |

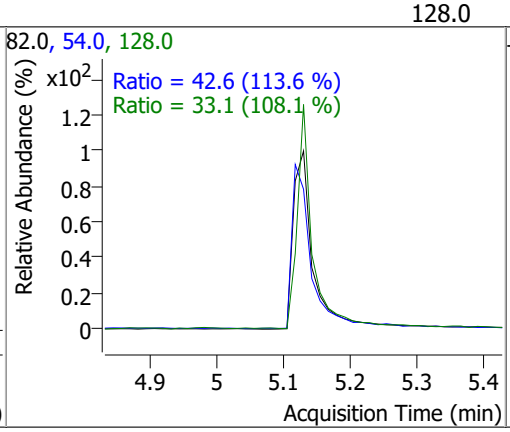


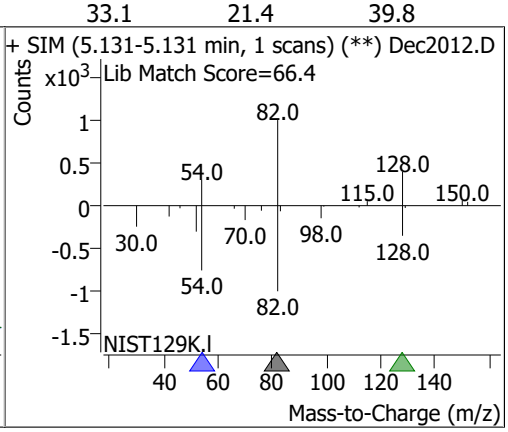

| Compound | RT | QIon | Resp. | Conc. | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| **System Monitoring Compounds** | | | | | | | |
| S Nitrobenzene-d5 | 5.131 | 82.0 | 14428 | 51.5351 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 1030.70% | | * | |
| S 2-Fluorobiphenyl | 7.277 | 172.0 | 66248 | 68.1666 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 1363.33% | | * | |
| S Terphenyl-d14 | 12.288 | 244.0 | 60797 | 93.4333 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 1868.67% | | * | |
| **Target Compounds** | | | | | | | **QValue** |
| T Naphthalene | 0.000 | | 0 | N.D. | | | |
| T 2-Methylnaphthalene | 0.000 | | 0 | N.D. | | | |
| T 1-Methylnaphthalene | 0.000 | | 0 | N.D. | | | |

**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

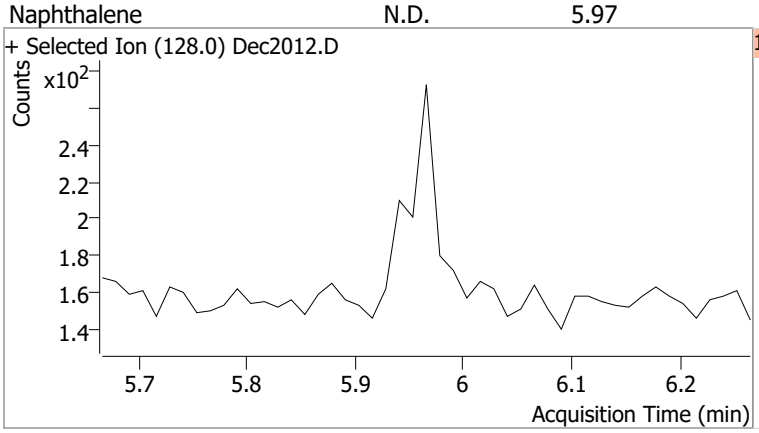
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 51.5351 | 5.13 | 0.00 | 14428 | 54.0 | 42.6 | 26.3 | 48.8 |
| | | | | | 128.0 | 33.1 | 21.4 | 39.8 |

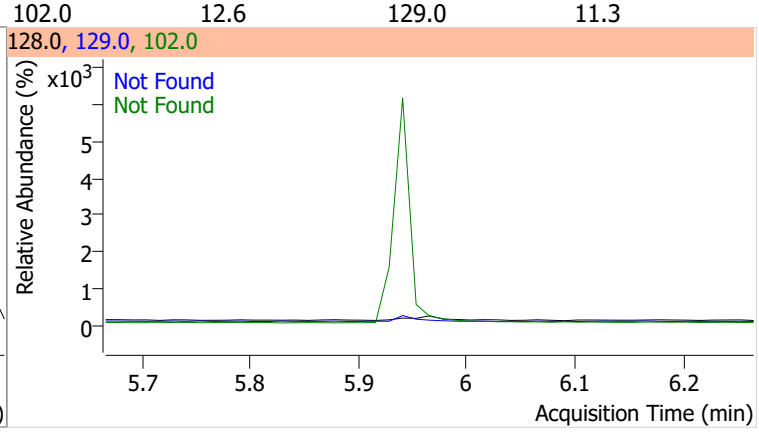


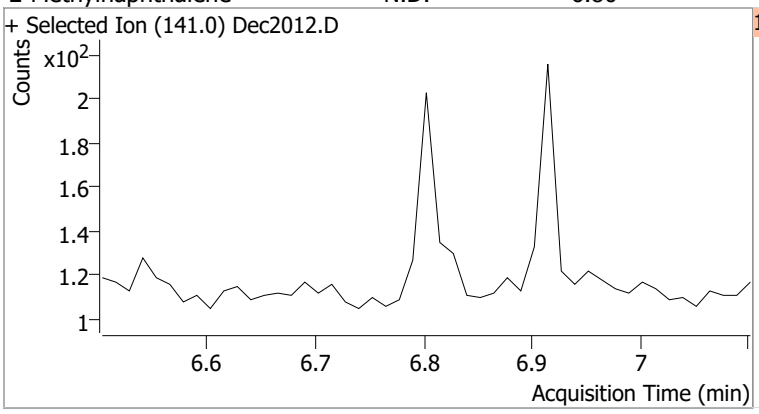



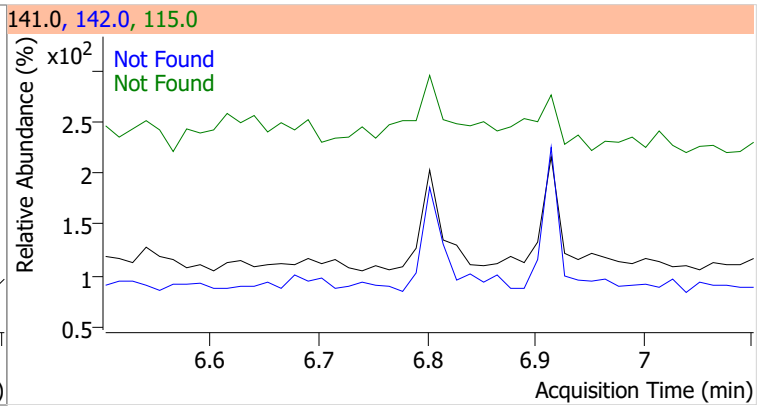

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| Naphthalene | N.D. | 5.97 | 102.0 | 12.6 | 129.0 | 11.3 |



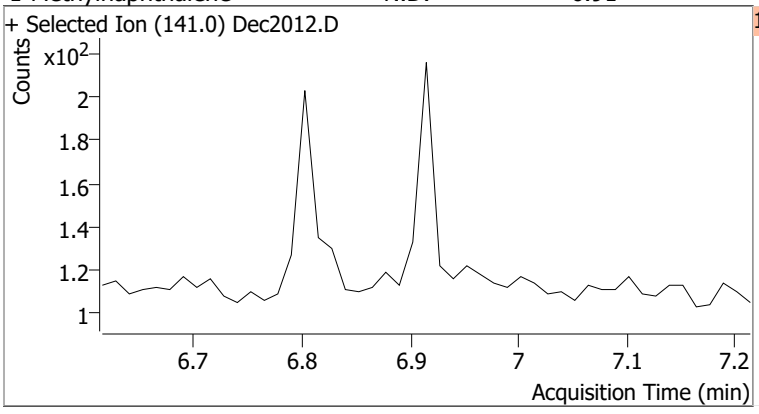



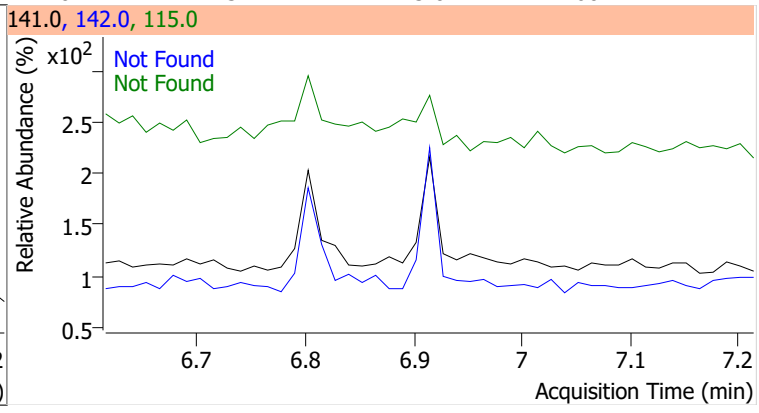

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | N.D. | 6.80 | 142.0 | 131.0 | 115.0 | 54.4 |



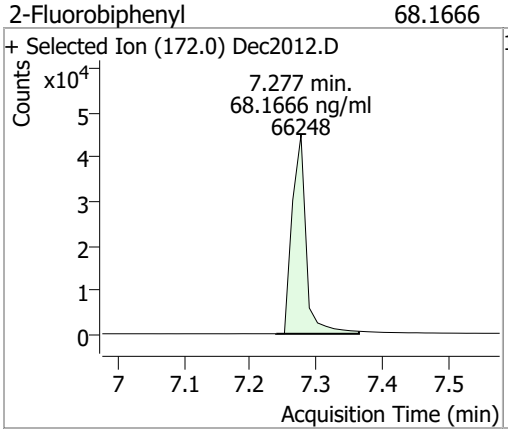



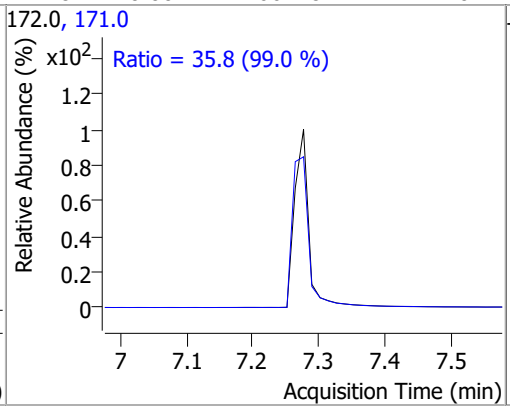

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | N.D. | 6.91 | 142.0 | 113.7 | 115.0 | 60.2 |

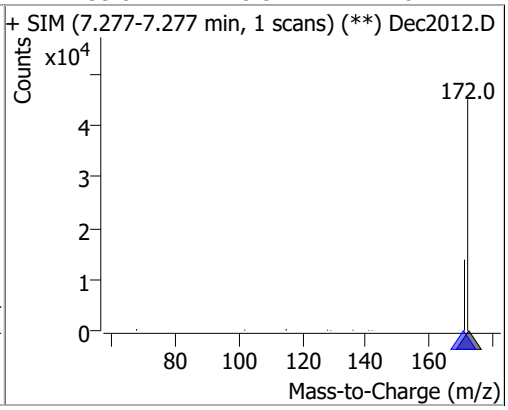


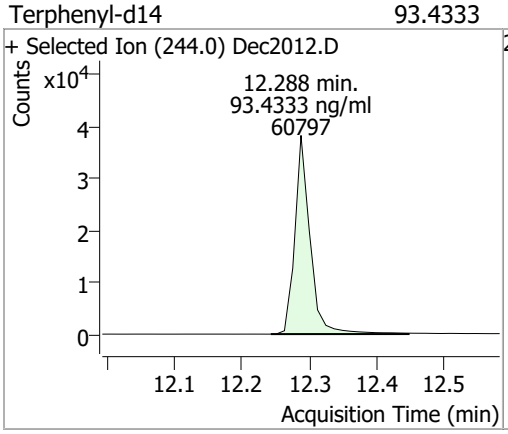
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 68.1666 | 7.28 | 0.00 | 66248 | 171.0 | 35.8 | 25.3 | 47.0 |

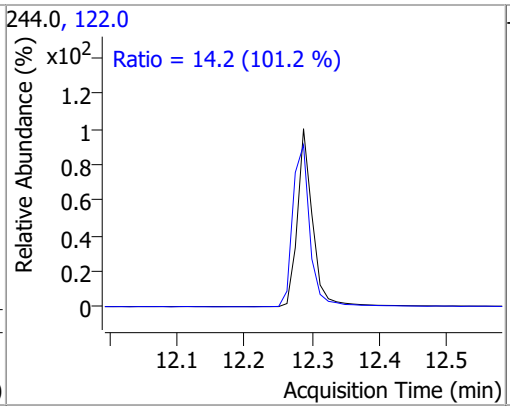


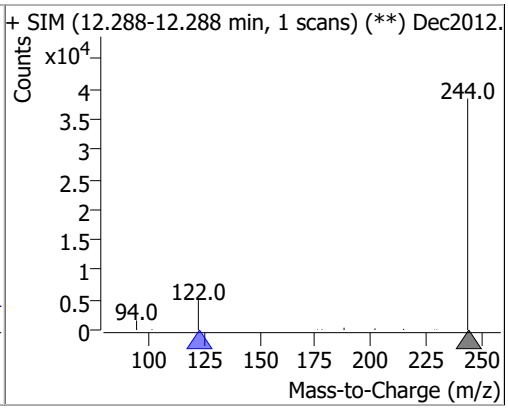




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 93.4333 | 12.29 | 0.00 | 60797 | 122.0 | 14.2 | 9.8 | 18.2 |

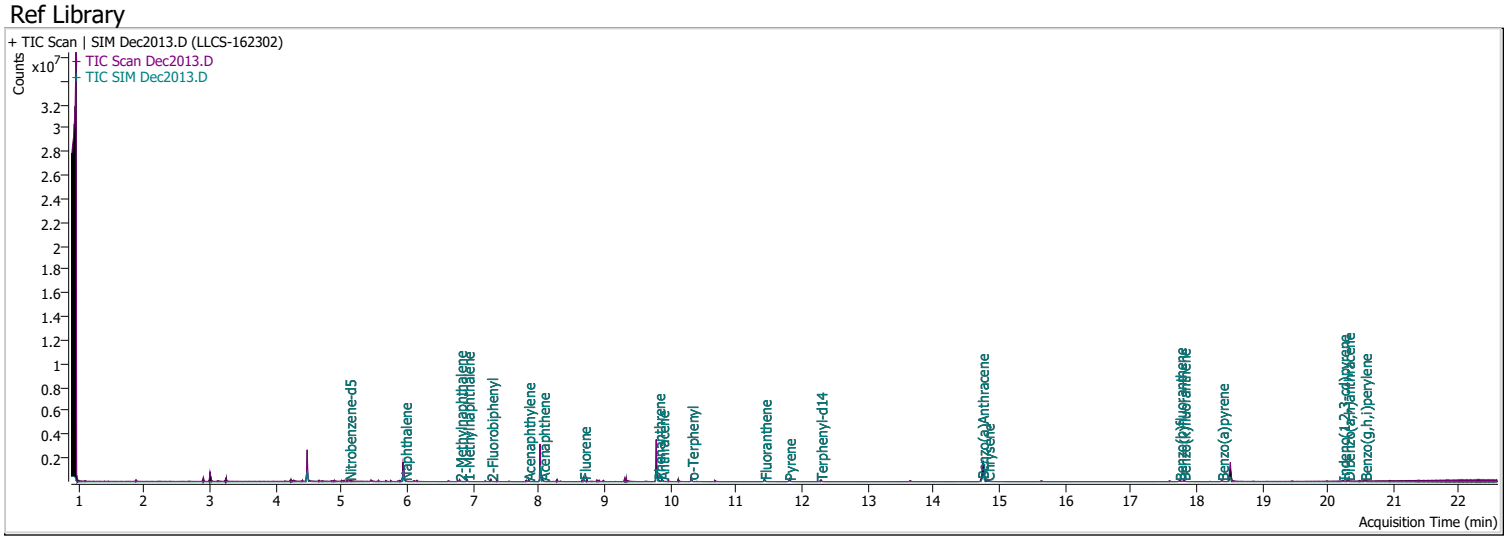


# Quantitation Results Report (QT Reviewed)

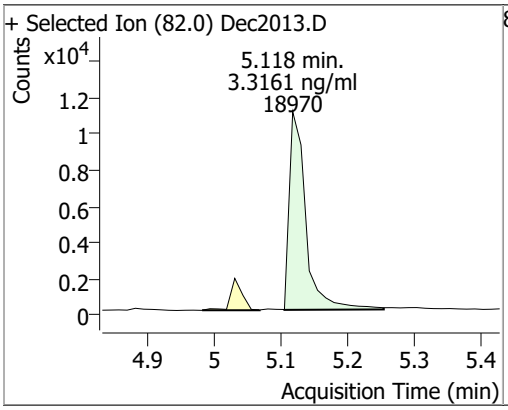
| | | | |
|---|---|---|---|
| Data File | Dec2013.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/20/2021 10:05:21 PM |
| Sample Name | LLCS-162302 | Instrument | GCMS |
| Vial | 13 | Multiplier | 1.00 |
| DA Method File | | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122021 bna SIM 1.batch.bin | Last Calib Update | 12/21/2021 8:40:59 AM |
| Ref Library | | | |

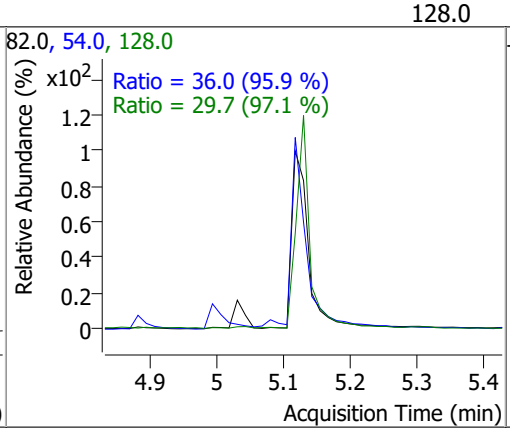


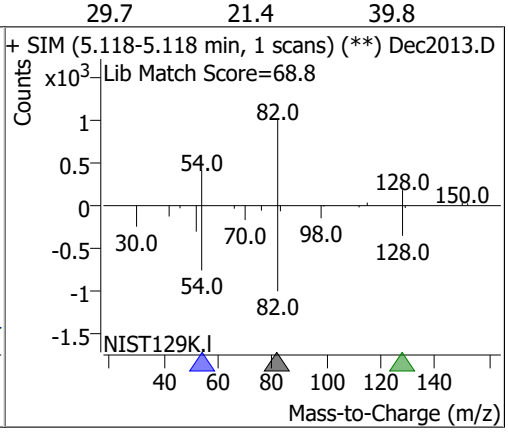

| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| **System Monitoring Compounds** | | | | | | |
| S Nitrobenzene-d5 | 5.118 | 82.0 | 18970 | 3.3161 | ng/ml | -0.013 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 66.32% | | |
| S 2-Fluorobiphenyl | 7.277 | 172.0 | 57915 | 2.9667 | ng/ml | 0.000 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 59.33% | | |
| S Terphenyl-d14 | 12.288 | 244.0 | 36801 | 2.7329 | ng/ml | 0.000 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 54.66% | | |
| **Target Compounds** | | | | | | QValue |
| T Naphthalene | 5.966 | 128.0 | 50910 | 2.4479 | ng/ml | 99 |
| T 2-Methylnaphthalene | 6.802 | 141.0 | 32062 | 2.5470 | ng/ml | 93 |
| T 1-Methylnaphthalene | 6.915 | 141.0 | 29220 | 2.3715 | ng/ml | 96 |

**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

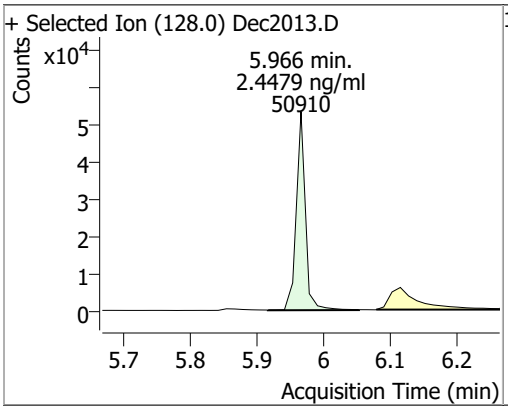
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 3.3161 | 5.12 | -0.01 | 18970 | 54.0 | 36.0 | 26.3 | 48.8 |
| | | | | | 128.0 | 29.7 | 21.4 | 39.8 |

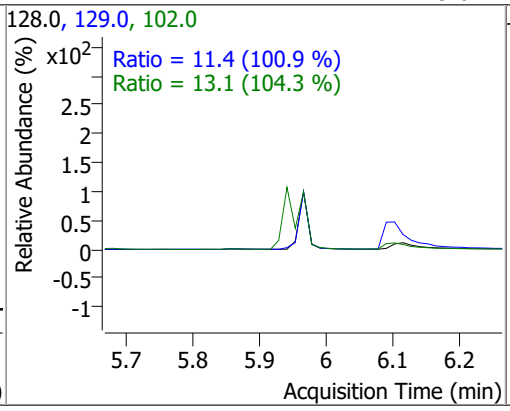


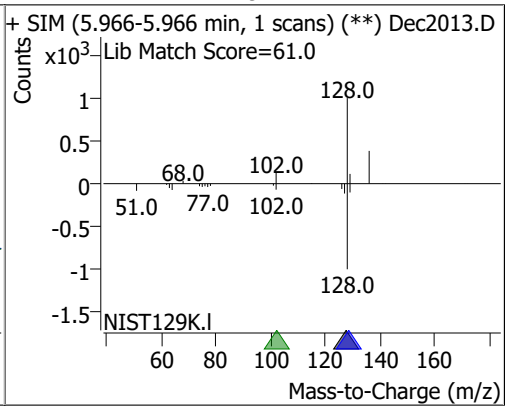



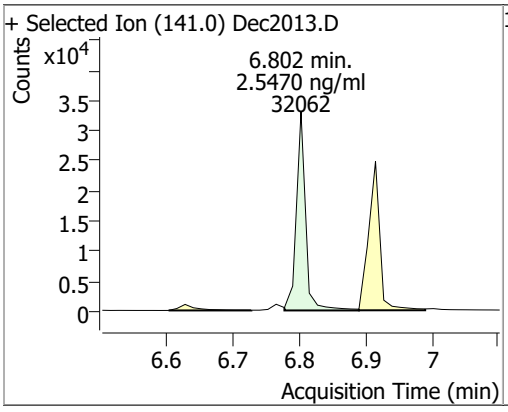

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Naphthalene | 2.4479 | 5.97 | 0.00 | 50910 | 102.0 | 13.1 | 0.0 | 37.7 |
| | | | | | 129.0 | 11.4 | 7.9 | 14.7 |

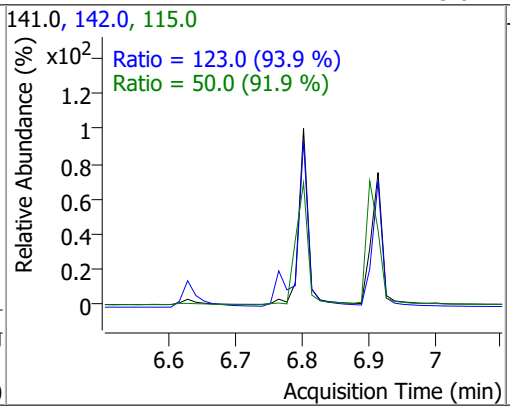


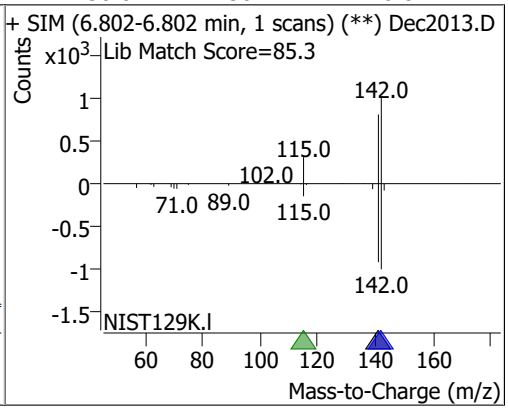



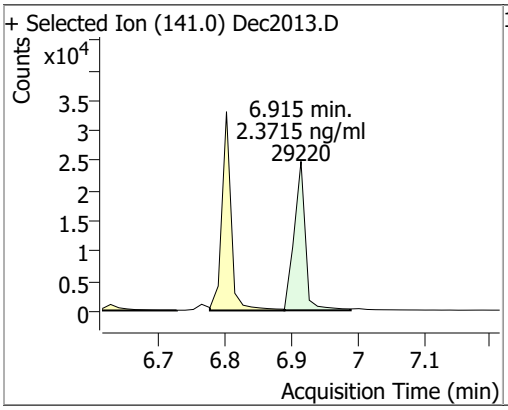

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 2.5470 | 6.80 | 0.00 | 32062 | 142.0 | 123.0 | 91.7 | 170.2 |
| | | | | | 115.0 | 50.0 | 38.1 | 70.8 |

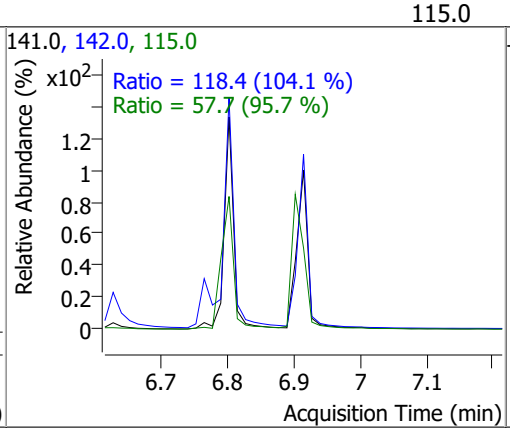


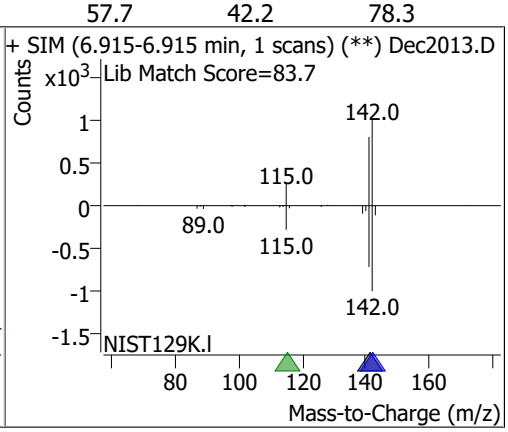



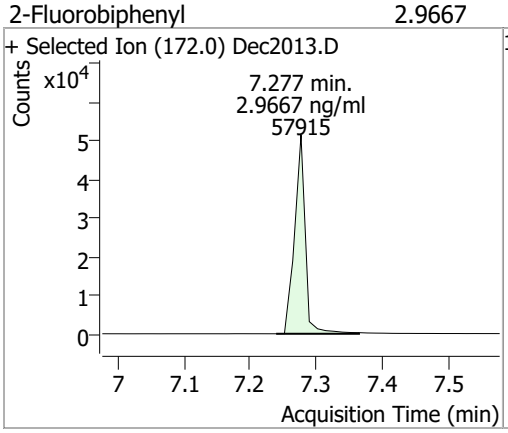
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | 2.3715 | 6.91 | 0.00 | 29220 | 142.0 | 118.4 | 79.6 | 147.8 |
| | | | | | 115.0 | 57.7 | 42.2 | 78.3 |

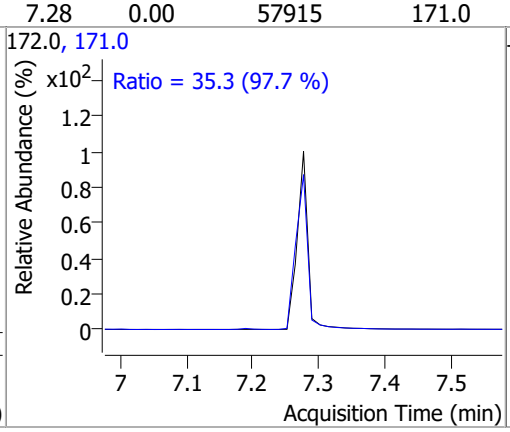


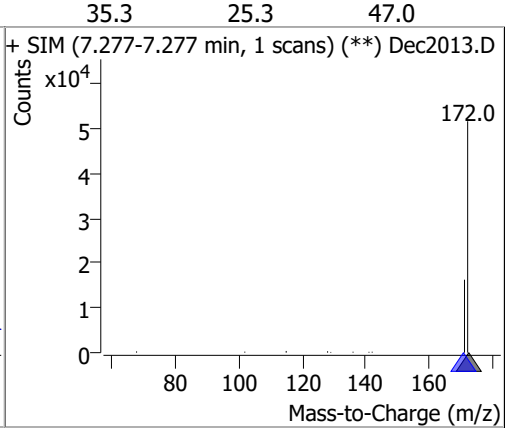



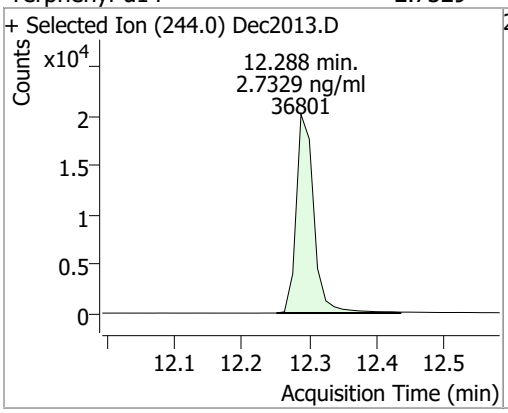

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 2.9667 | 7.28 | 0.00 | 57915 | 171.0 | 35.3 | 25.3 | 47.0 |

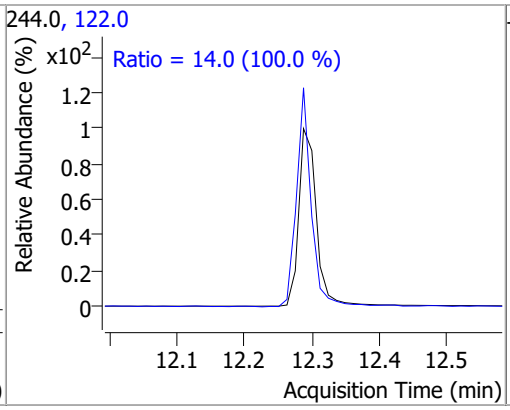


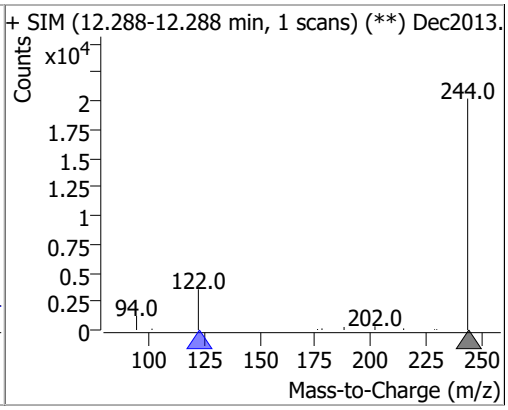




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 2.7329 | 12.29 | 0.00 | 36801 | 122.0 | 14.0 | 9.8 | 18.2 |

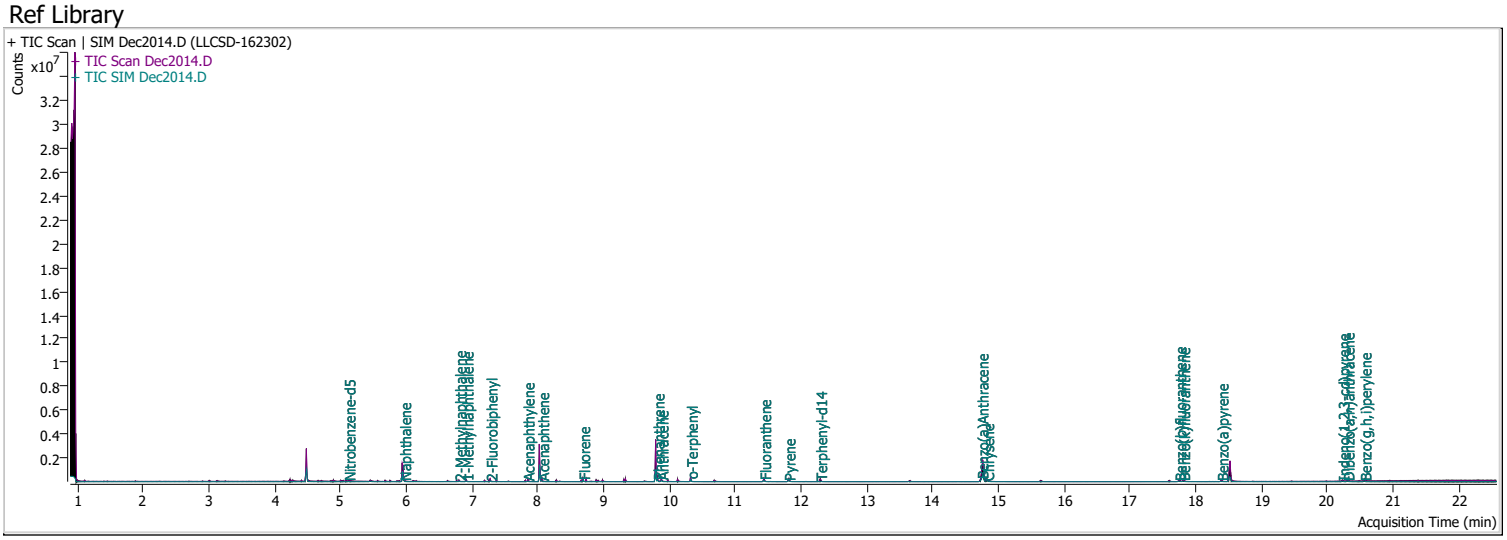


# Quantitation Results Report (QT Reviewed)

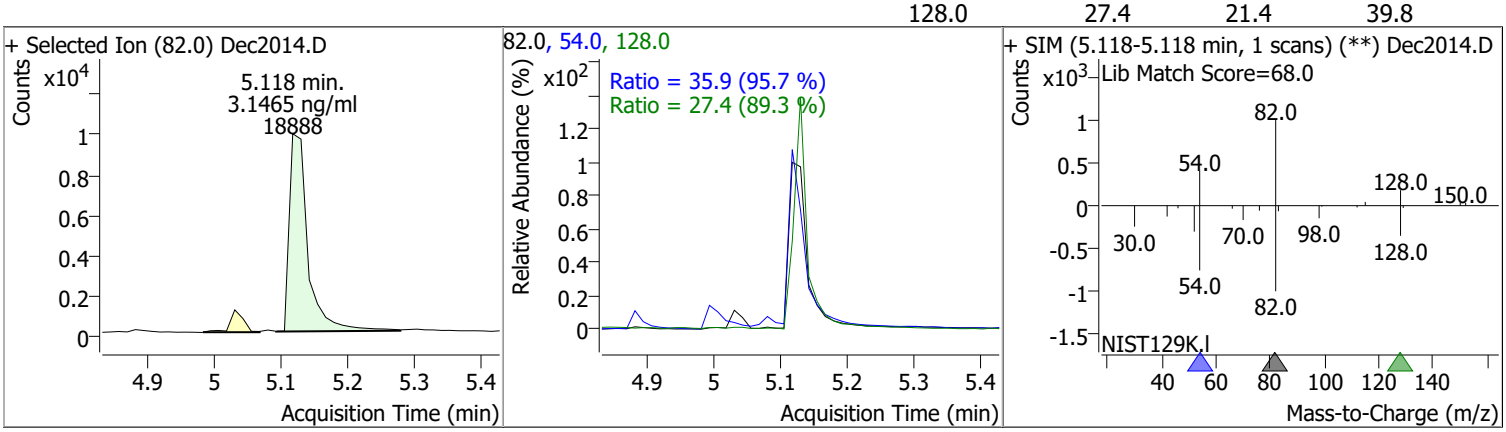
| | | | |
|---|---|---|---|
| Data File | Dec2014.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/20/2021 10:37:54 PM |
| Sample Name | LLCSD-162302 | Instrument | GCMS |
| Vial | 14 | Multiplier | 1.00 |
| DA Method File | | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122021 bna SIM 1.batch.bin | Last Calib Update | 12/21/2021 8:40:59 AM |
| Ref Library | | | |



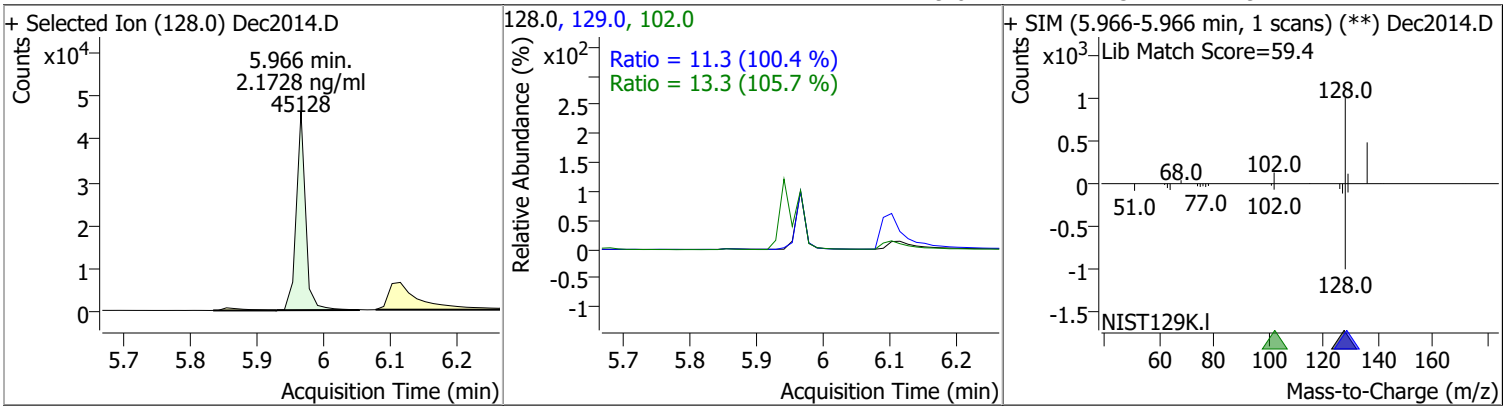

| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| **System Monitoring Compounds** | | | | | | |
| S Nitrobenzene-d5 | 5.118 | 82.0 | 18888 | 3.1465 | ng/ml | -0.013 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 62.93% | | |
| S 2-Fluorobiphenyl | 7.277 | 172.0 | 61601 | 3.2066 | ng/ml | 0.000 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 64.13% | | |
| S Terphenyl-d14 | 12.288 | 244.0 | 58424 | 4.4821 | ng/ml | 0.000 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 89.64% | | |
| **Target Compounds** | | | | | | QValue |
| T Naphthalene | 5.966 | 128.0 | 45128 | 2.1728 | ng/ml | 99 |
| T 2-Methylnaphthalene | 6.802 | 141.0 | 26279 | 2.0747 | ng/ml | 97 |
| T 1-Methylnaphthalene | 6.915 | 141.0 | 25318 | 2.0575 | ng/ml | 96 |

**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

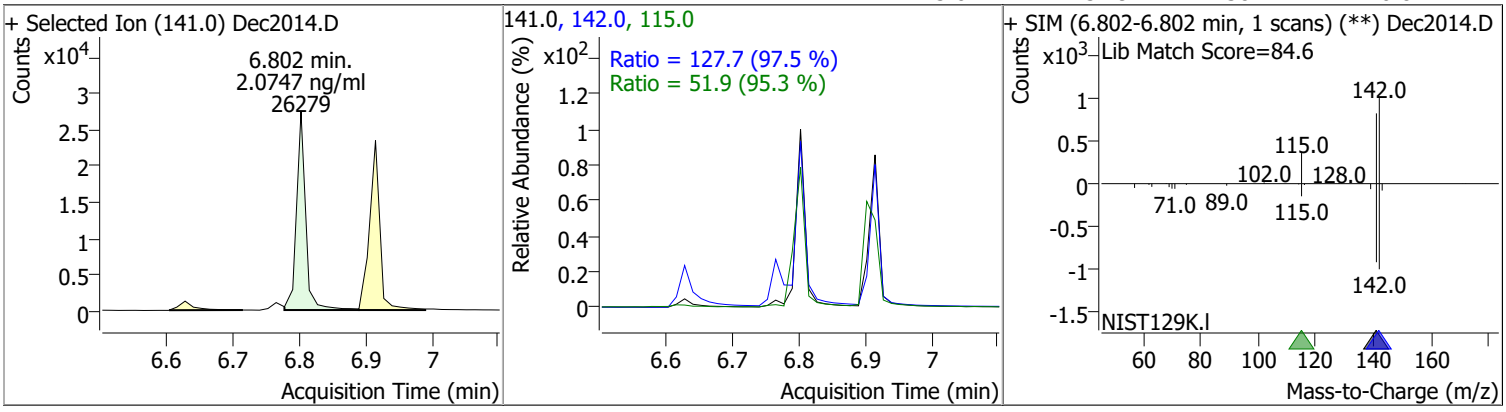
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 3.1465 | 5.12 | -0.01 | 18888 | 54.0 | 35.9 | 26.3 | 48.8 |
| | | | | | 128.0 | 27.4 | 21.4 | 39.8 |



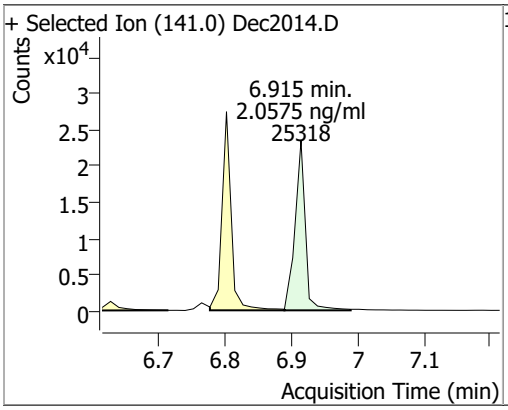

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Naphthalene | 2.1728 | 5.97 | 0.00 | 45128 | 102.0 | 13.3 | 0.0 | 37.7 |
| | | | | | 129.0 | 11.3 | 7.9 | 14.7 |

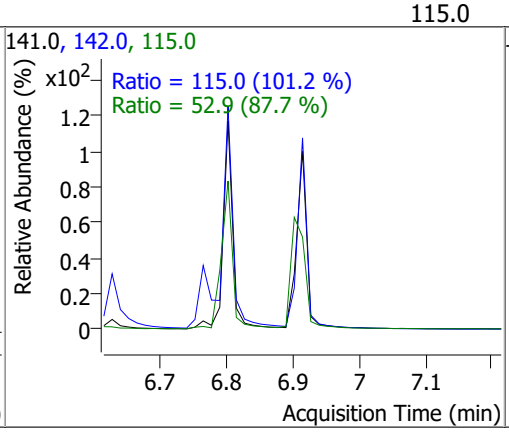


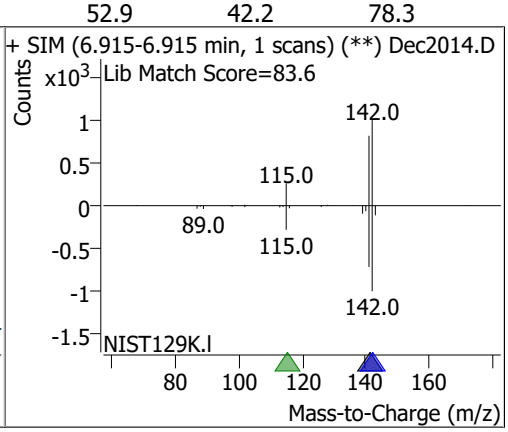

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 2.0747 | 6.80 | 0.00 | 26279 | 142.0 | 127.7 | 91.7 | 170.2 |
| | | | | | 115.0 | 51.9 | 38.1 | 70.8 |



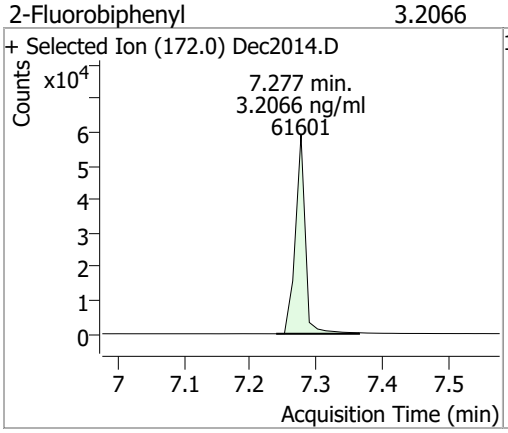
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | 2.0575 | 6.91 | 0.00 | 25318 | 142.0 | 115.0 | 79.6 | 147.8 |
| | | | | | 115.0 | 52.9 | 42.2 | 78.3 |

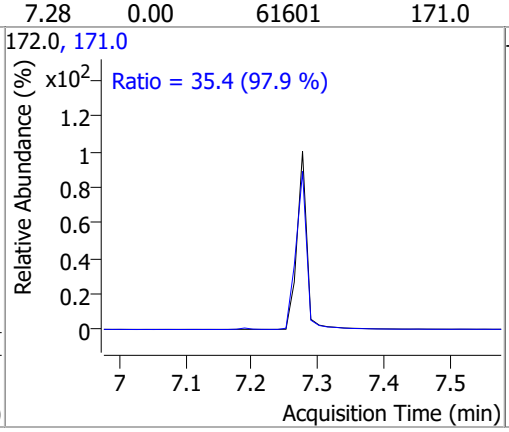


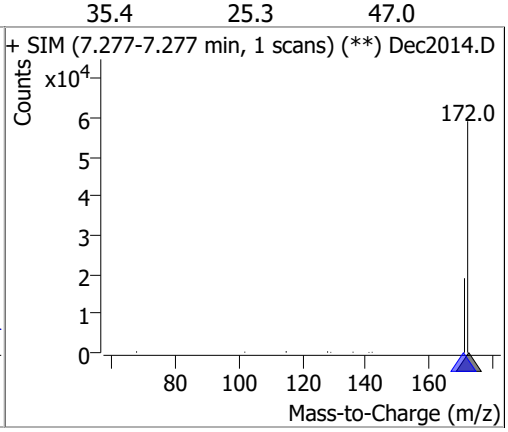



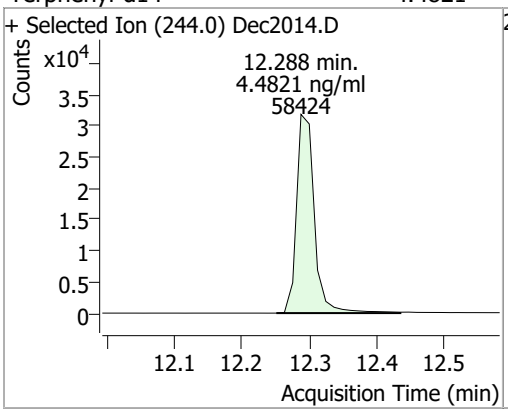

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 3.2066 | 7.28 | 0.00 | 61601 | 171.0 | 35.4 | 25.3 | 47.0 |

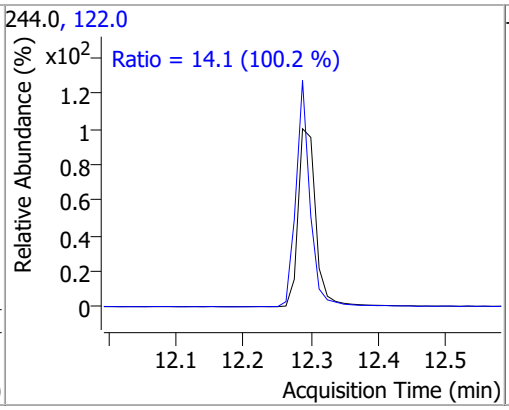


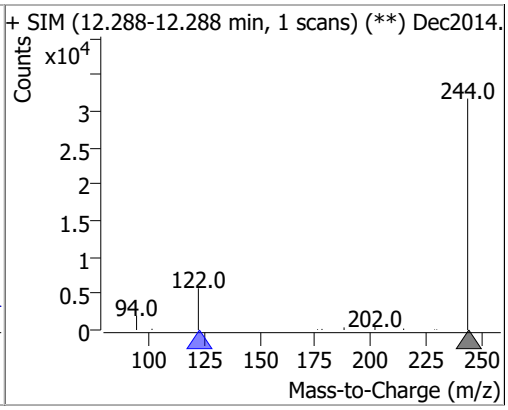




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 4.4821 | 12.29 | 0.00 | 58424 | 122.0 | 14.1 | 9.8 | 18.2 |



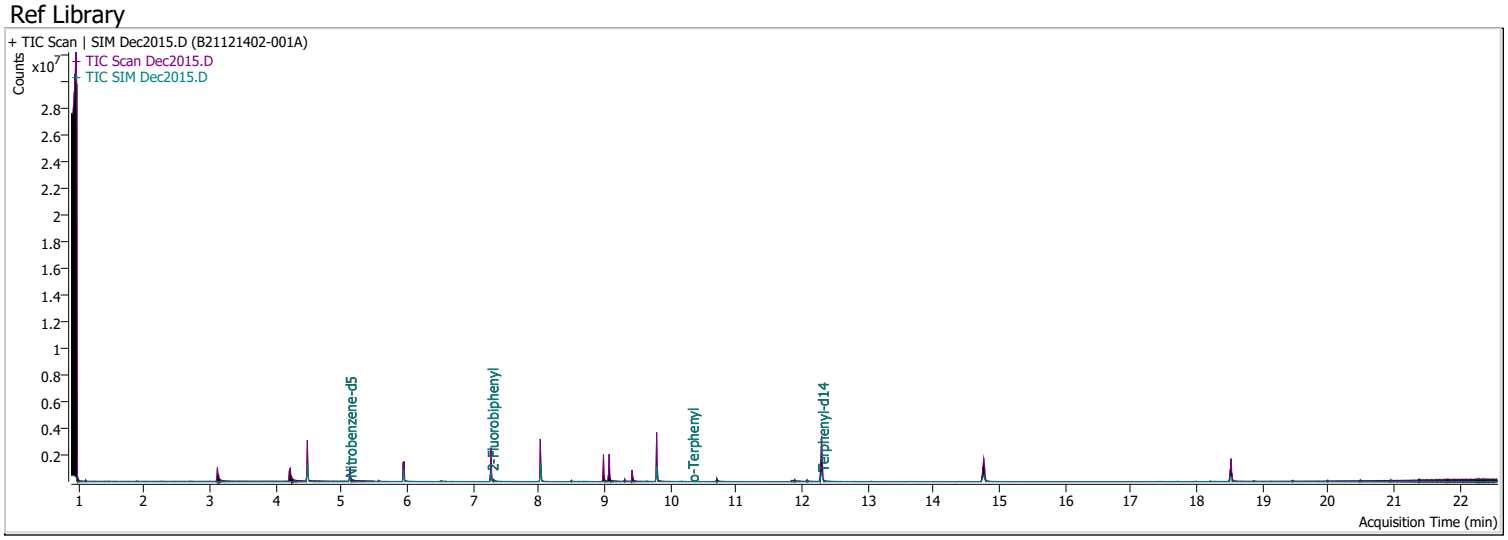



# Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

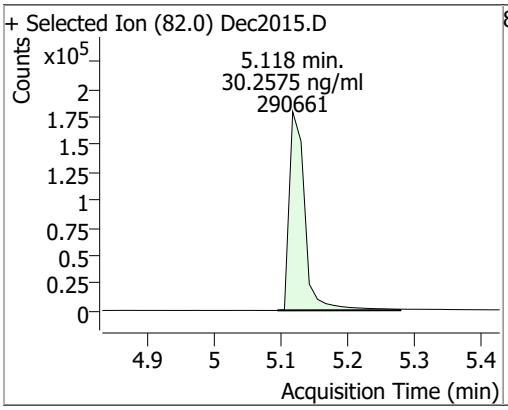
| | | | |
|---|---|---|---|
| Data File | Dec2015.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/20/2021 11:10:32 PM |
| Sample Name | B21121402-001A | Instrument | GCMS |
| Vial | 15 | Multiplier | 1.00 |
| DA Method File | | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122021 bna SIM 1.batch.bin | Last Calib Update | 12/21/2021 8:40:59 AM |
| Ref Library | | | |

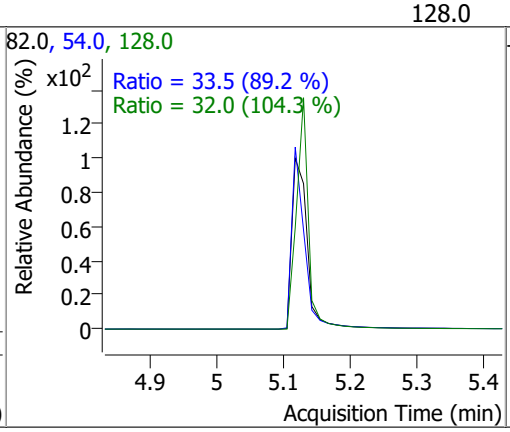


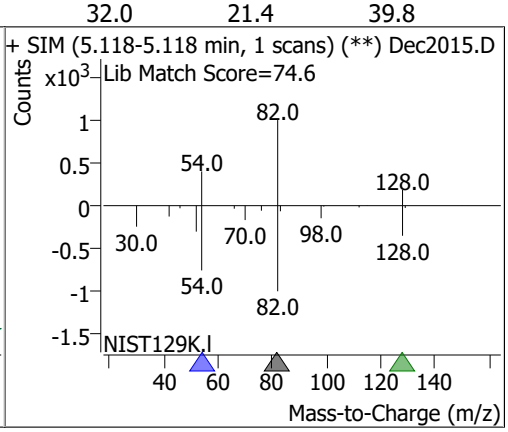

| Compound | RT | QIon | Resp. | Conc. | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| **System Monitoring Compounds** | | | | | | | |
| S Nitrobenzene-d5 | 5.118 | 82.0 | 290661 | 30.2575 | ng/ml | | -0.012 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 605.15% | | * | |
| S 2-Fluorobiphenyl | 7.277 | 172.0 | 673273 | 32.4356 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 648.71% | | * | |
| S Terphenyl-d14 | 12.300 | 244.0 | 912608 | 69.0338 | ng/ml | | 0.012 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 1380.68% | | * | |
| **Target Compounds** | | | | | | | **QValue** |
| T Naphthalene | 0.000 | | 0 | N.D. | | | |
| T 2-Methylnaphthalene | 0.000 | | 0 | N.D. | | | |
| T 1-Methylnaphthalene | 0.000 | | 0 | N.D. | | | |

**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

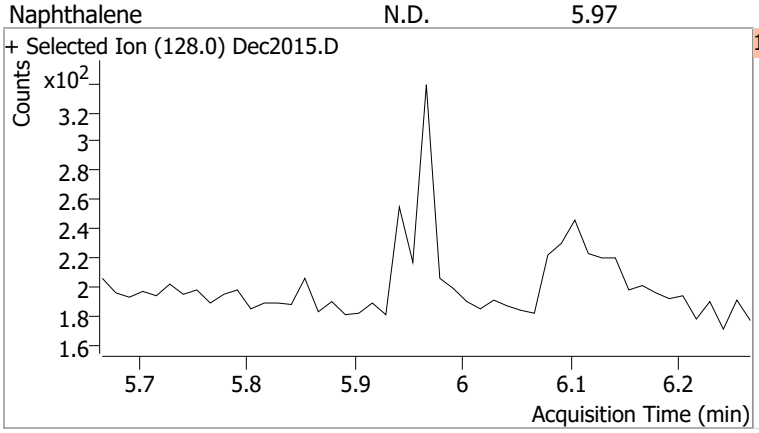
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 30.2575 | 5.12 | -0.01 | 290661 | 54.0 | 33.5 | 26.3 | 48.8 |
| | | | | | 128.0 | 32.0 | 21.4 | 39.8 |

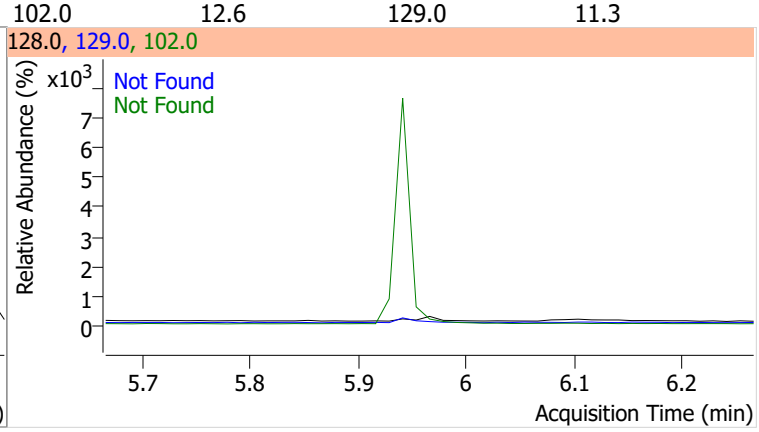


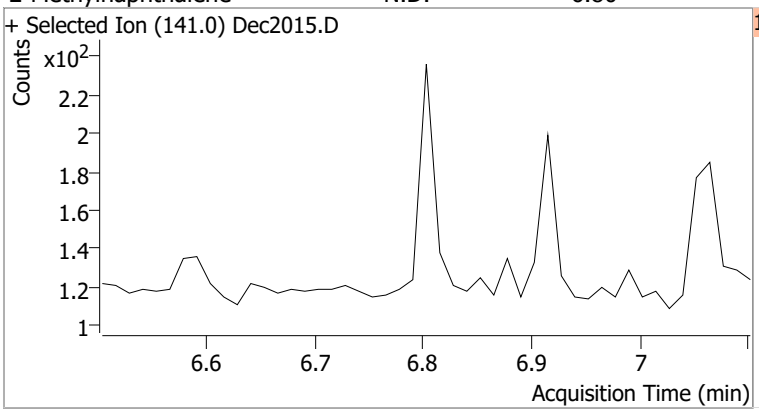



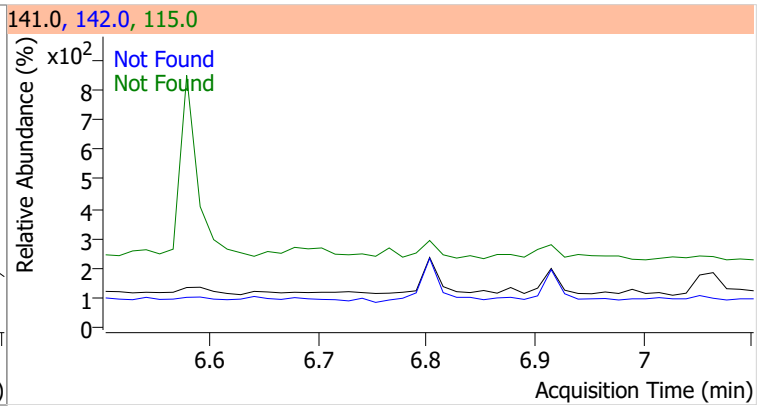

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| Naphthalene | N.D. | 5.97 | 102.0 | 12.6 | 129.0 | 11.3 |



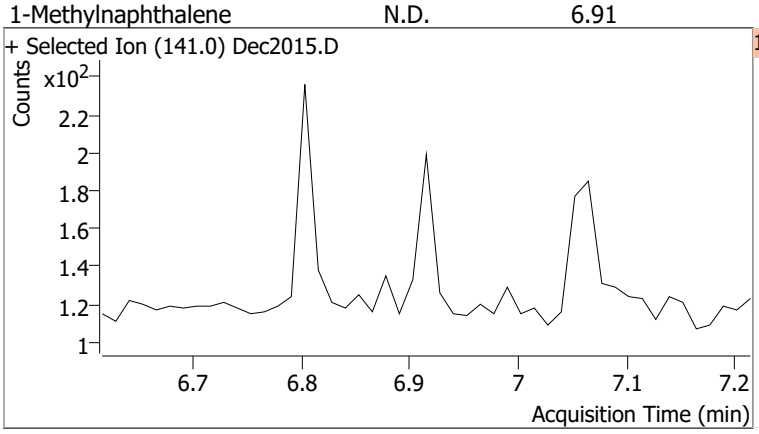



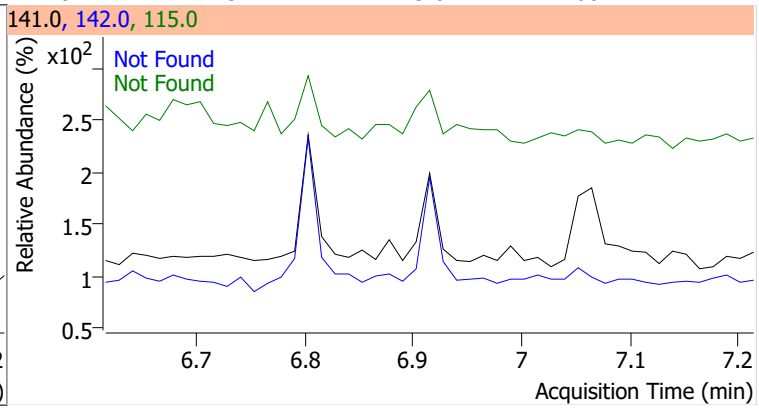

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | N.D. | 6.80 | 142.0 | 131.0 | 115.0 | 54.4 |



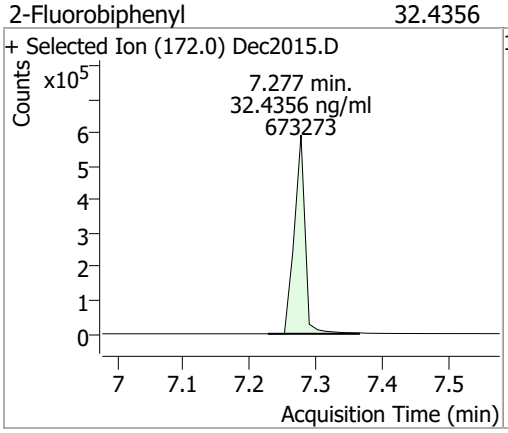



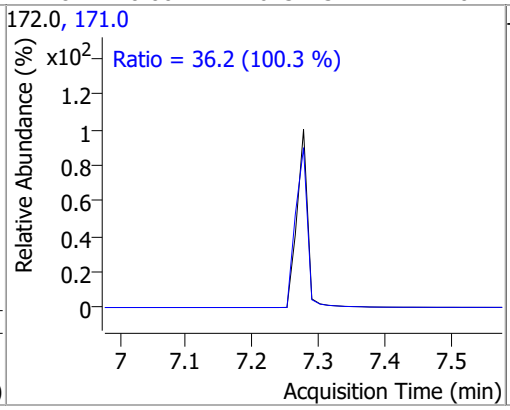

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | N.D. | 6.91 | 142.0 | 113.7 | 115.0 | 60.2 |

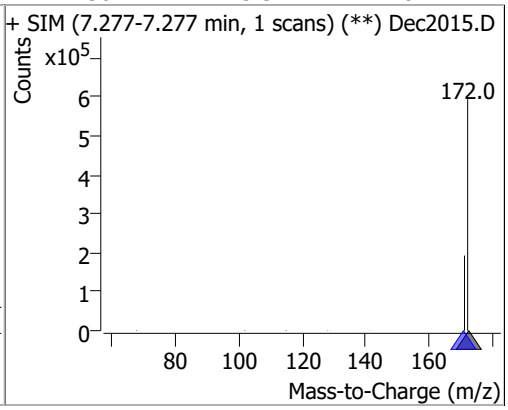


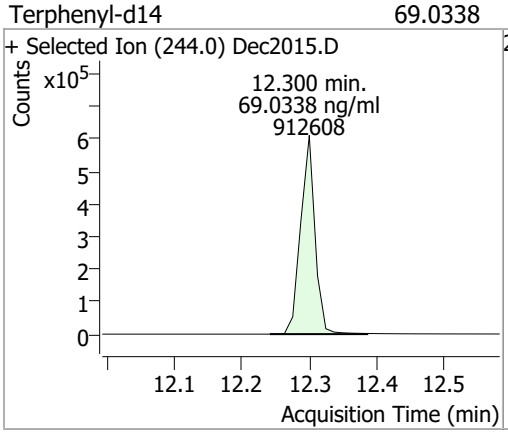
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 32.4356 | 7.28 | 0.00 | 673273 | 171.0 | 36.2 | 25.3 | 47.0 |

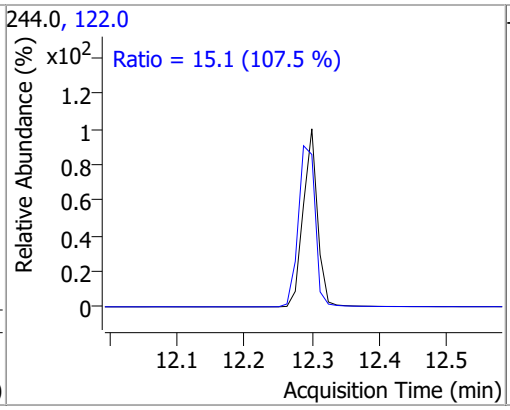


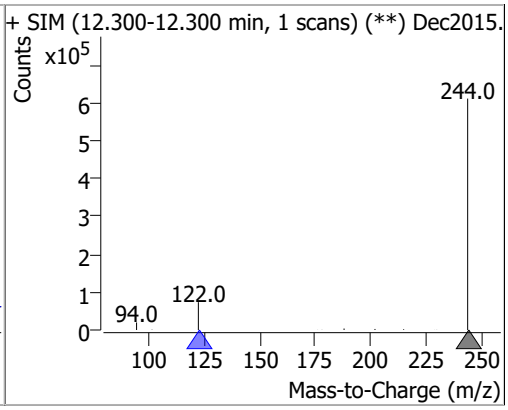




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 69.0338 | 12.30 | 0.01 | 912608 | 122.0 | 15.1 | 9.8 | 18.2 |

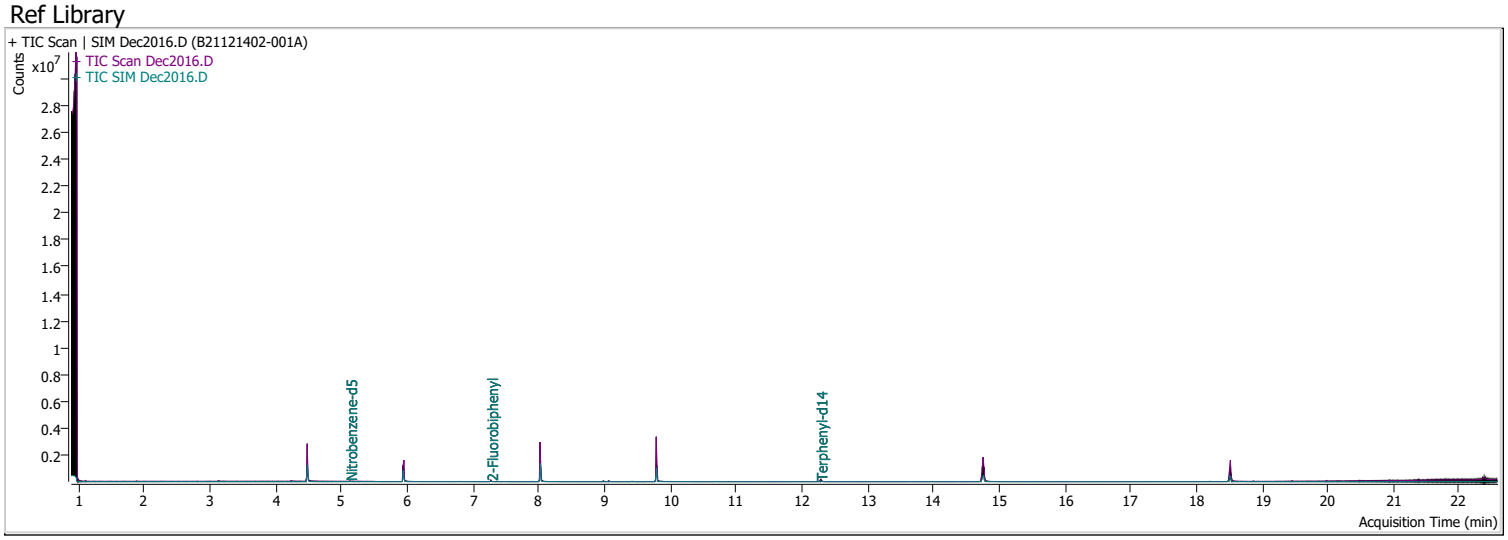


# Quantitation Results Report (QT Reviewed)

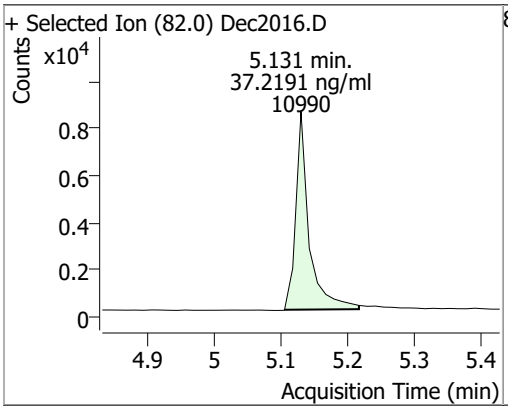
| | | | |
|---|---|---|---|
| Data File | Dec2016.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/20/2021 11:43:01 PM |
| Sample Name | B21121402-001A | Instrument | GCMS |
| Vial | 16 | Multiplier | 20.00 |
| DA Method File | | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122021 bna SIM 1.batch.bin | Last Calib Update | 12/21/2021 8:40:59 AM |
| Ref Library | | | |

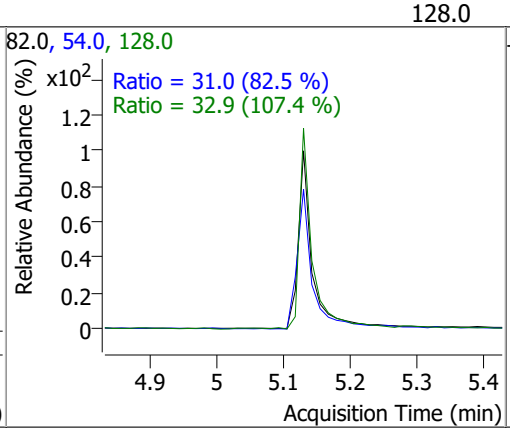


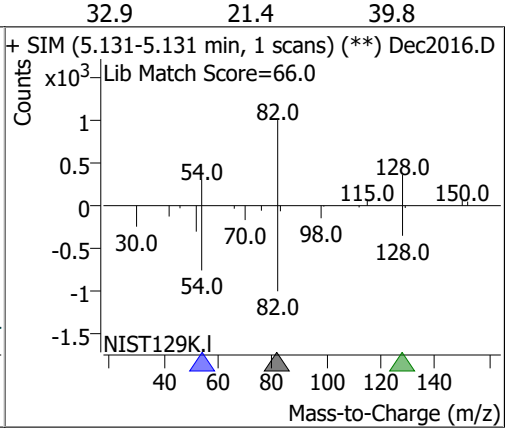

| Compound | RT | QIon | Resp. | Conc. | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| **System Monitoring Compounds** | | | | | | | |
| S Nitrobenzene-d5 | 5.131 | 82.0 | 10990 | 37.2191 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 744.38% | | * | |
| S 2-Fluorobiphenyl | 7.277 | 172.0 | 35747 | 37.7184 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 754.37% | | * | |
| S Terphenyl-d14 | 12.288 | 244.0 | 43923 | 70.3291 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 1406.58% | | * | |
| **Target Compounds** | | | | | | | **QValue** |
| T Naphthalene | 0.000 | | 0 | N.D. | | | |
| T 2-Methylnaphthalene | 0.000 | | 0 | N.D. | | | |
| T 1-Methylnaphthalene | 0.000 | | 0 | N.D. | | | |

**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

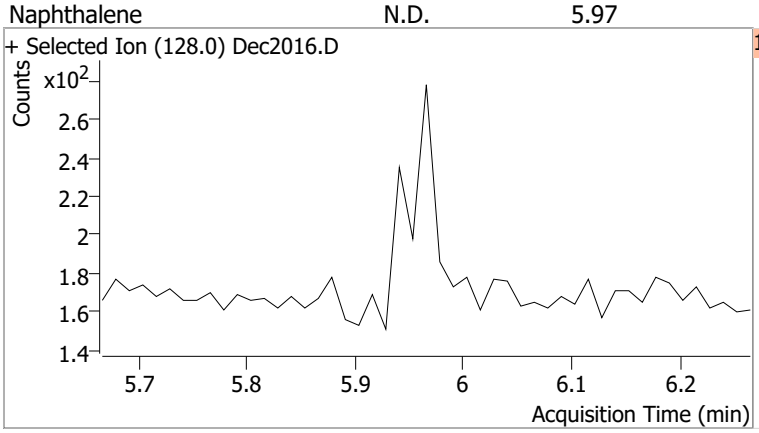
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 37.2191 | 5.13 | 0.00 | 10990 | 54.0 | 31.0 | 26.3 | 48.8 |
| | | | | | 128.0 | 32.9 | 21.4 | 39.8 |

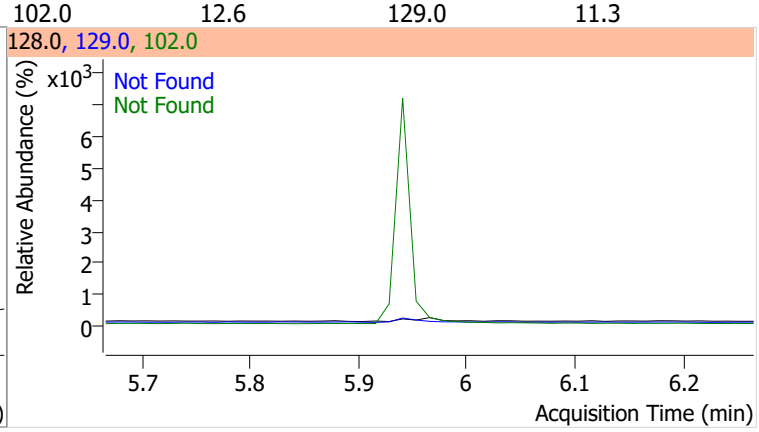


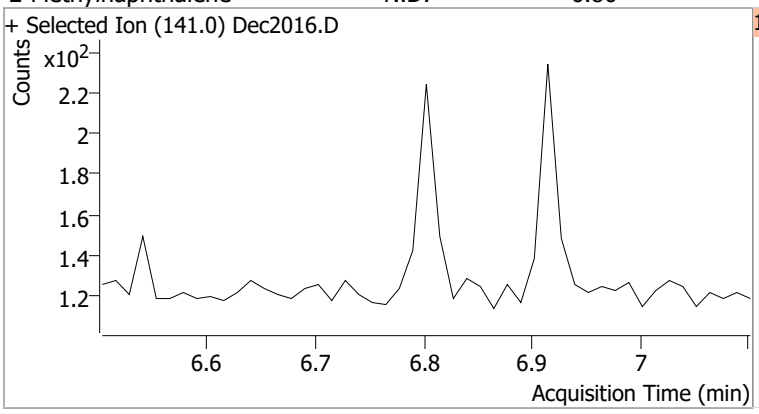



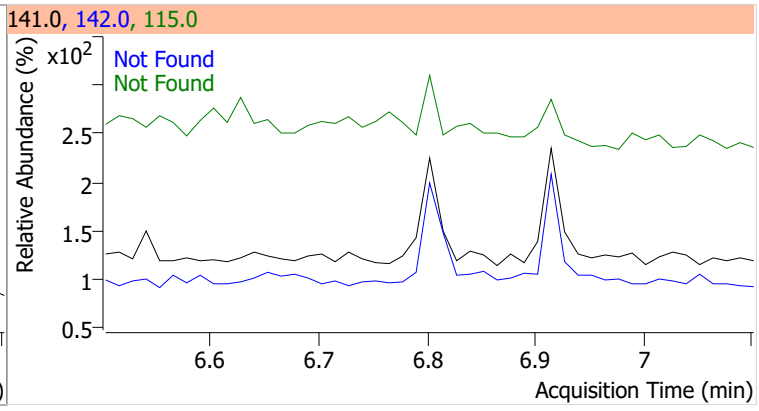

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| Naphthalene | N.D. | 5.97 | 102.0 | 12.6 | 129.0 | 11.3 |



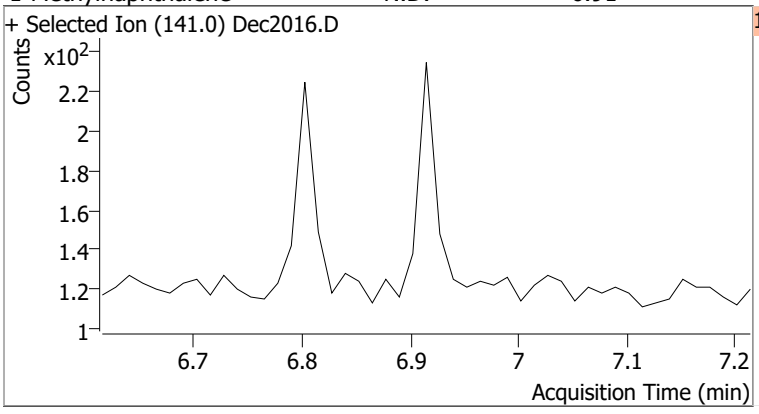



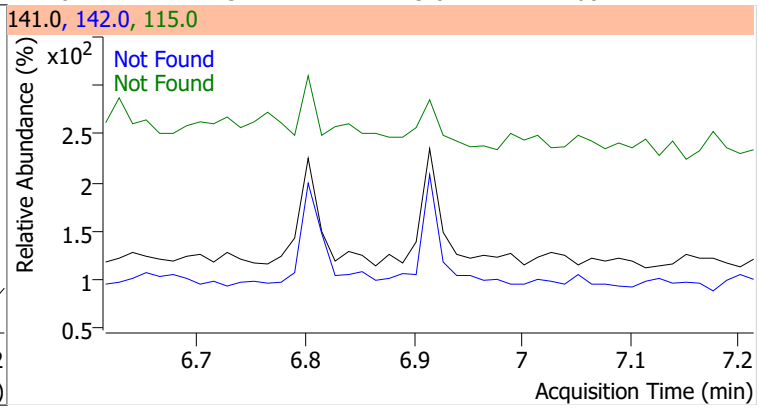

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | N.D. | 6.80 | 142.0 | 131.0 | 115.0 | 54.4 |



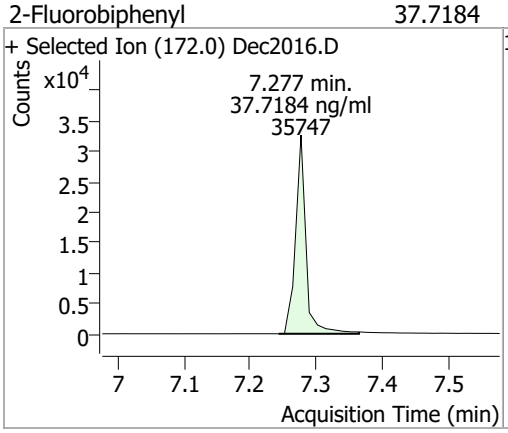



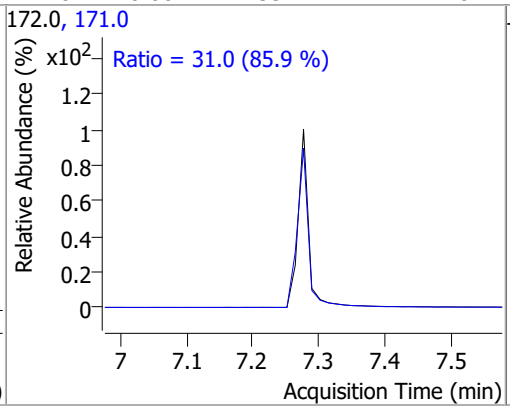

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | N.D. | 6.91 | 142.0 | 113.7 | 115.0 | 60.2 |

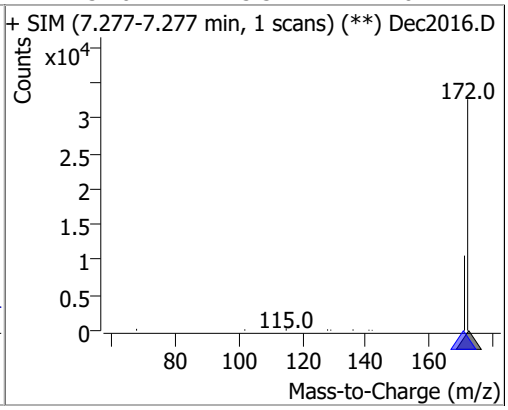


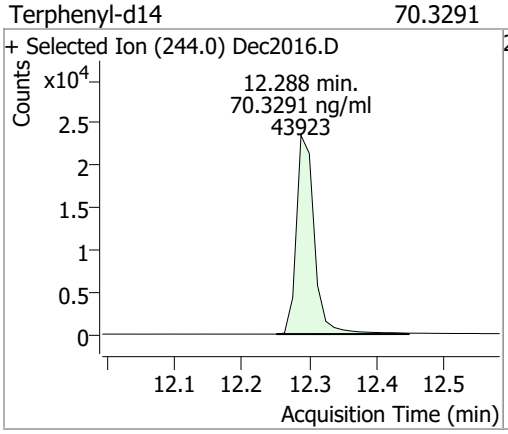
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 37.7184 | 7.28 | 0.00 | 35747 | 171.0 | 31.0 | 25.3 | 47.0 |

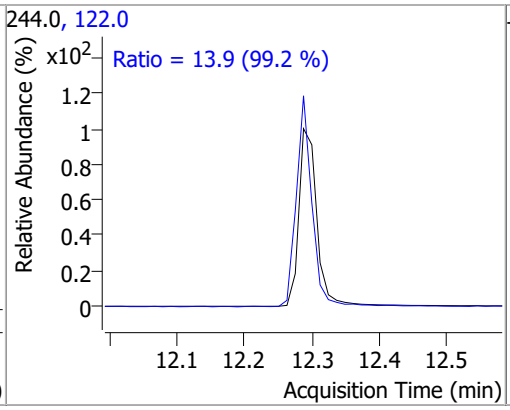


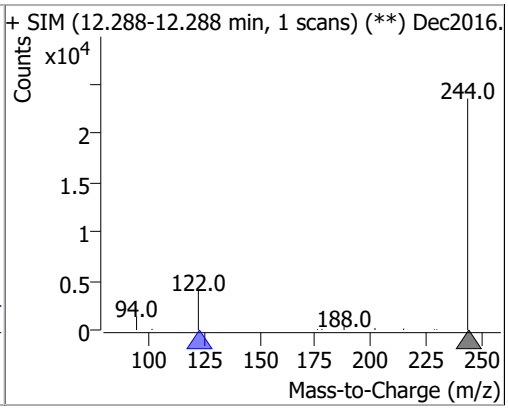




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 70.3291 | 12.29 | 0.00 | 43923 | 122.0 | 13.9 | 9.8 | 18.2 |

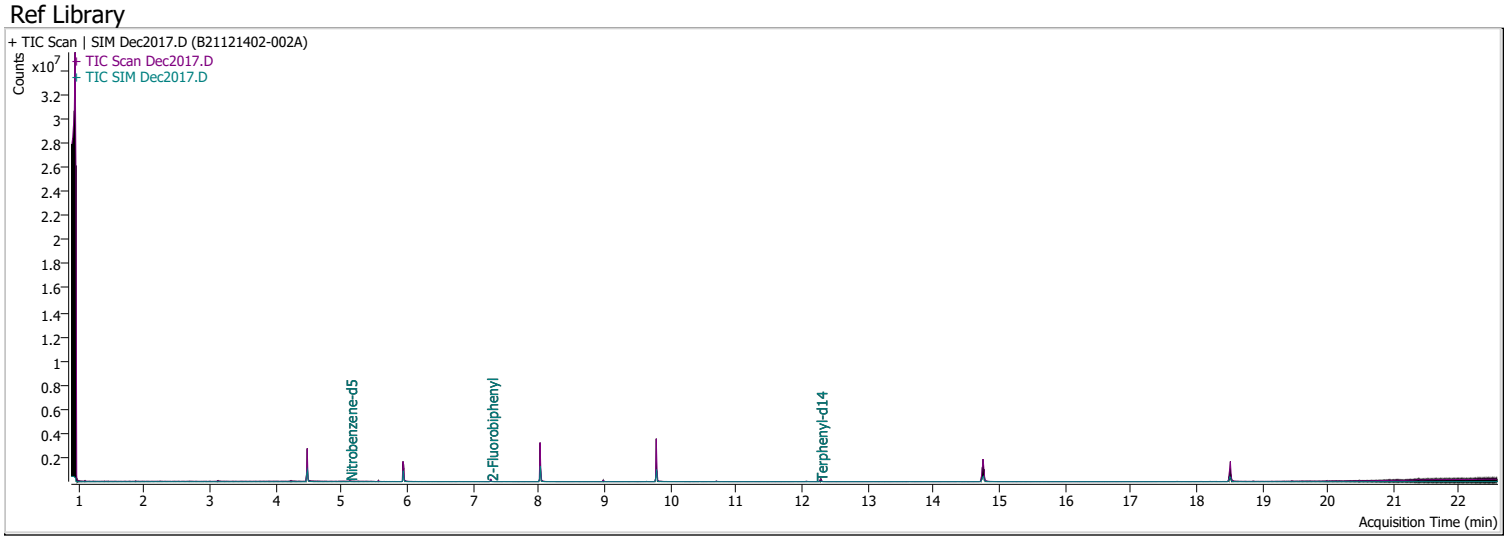


# Quantitation Results Report (QT Reviewed)

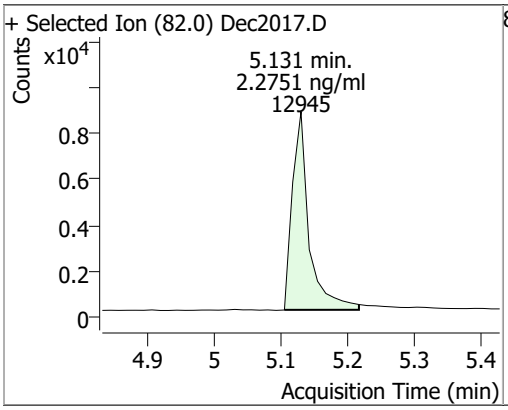
| | | | |
|---|---|---|---|
| Data File | Dec2017.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/21/2021 12:15:31 AM |
| Sample Name | B21121402-002A | Instrument | GCMS |
| Vial | 17 | Multiplier | 1.00 |
| DA Method File | | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122021 bna SIM 1.batch.bin | Last Calib Update | 12/21/2021 8:40:59 AM |
| Ref Library | | | |

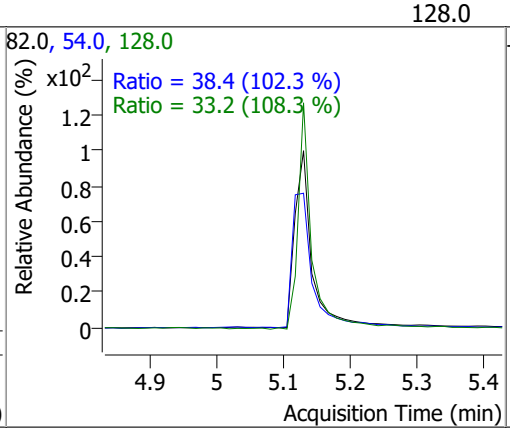


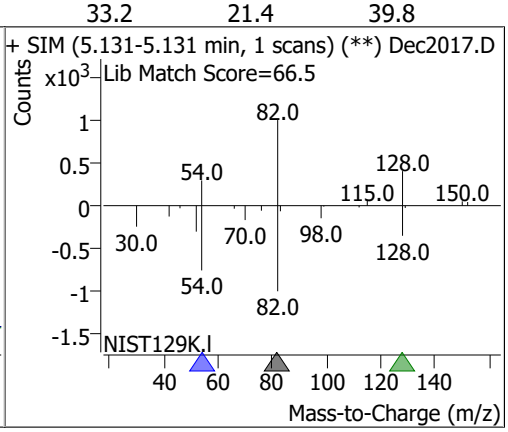

| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| **System Monitoring Compounds** | | | | | | |
| S Nitrobenzene-d5 | 5.131 | 82.0 | 12945 | 2.2751 | ng/ml | 0.000 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 45.50% | | |
| S 2-Fluorobiphenyl | 7.277 | 172.0 | 57069 | 3.1159 | ng/ml | 0.000 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 62.32% | | |
| S Terphenyl-d14 | 12.288 | 244.0 | 53983 | 4.3168 | ng/ml | 0.000 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 86.34% | | |
| **Target Compounds** | | | | | | QValue |
| T Naphthalene | 0.000 | | 0 | N.D. | | |
| T 2-Methylnaphthalene | 0.000 | | 0 | N.D. | | |
| T 1-Methylnaphthalene | 0.000 | | 0 | N.D. | | |

**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

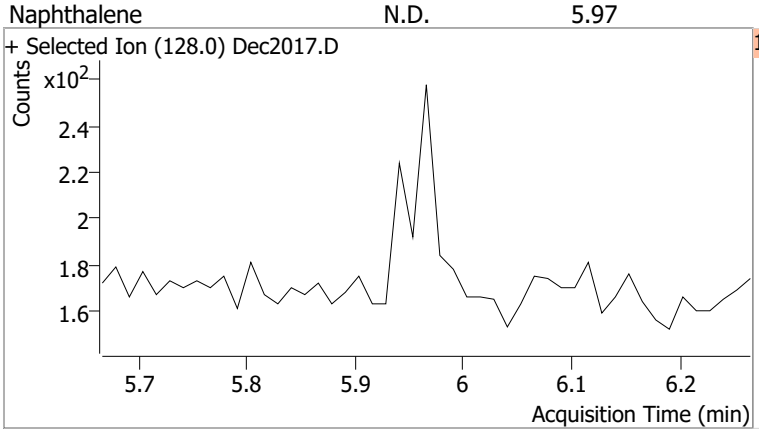
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 2.2751 | 5.13 | 0.00 | 12945 | 54.0 | 38.4 | 26.3 | 48.8 |
| | | | | | 128.0 | 33.2 | 21.4 | 39.8 |

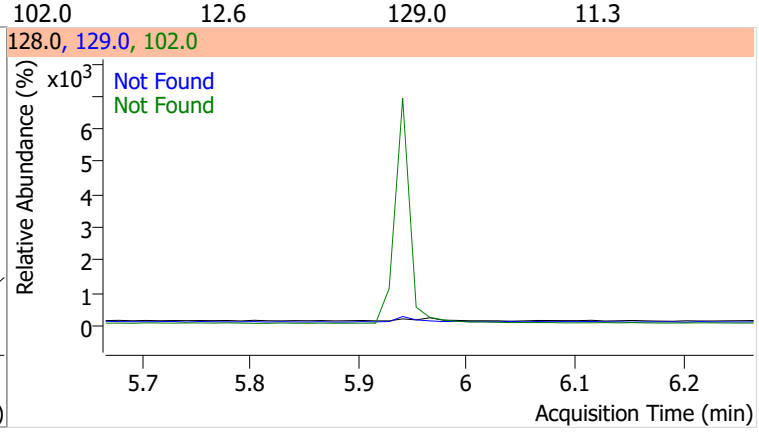


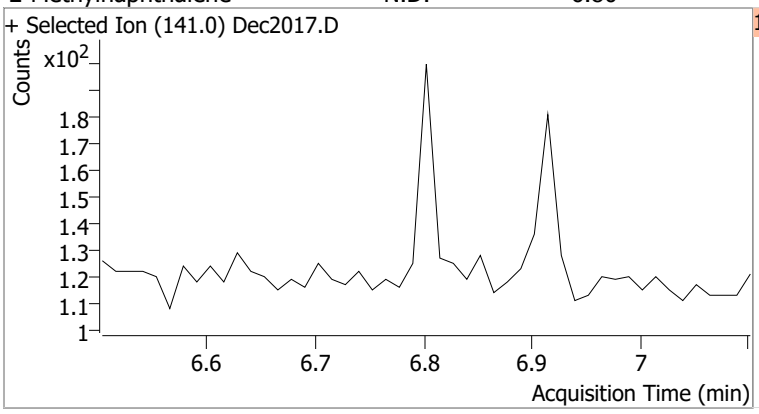



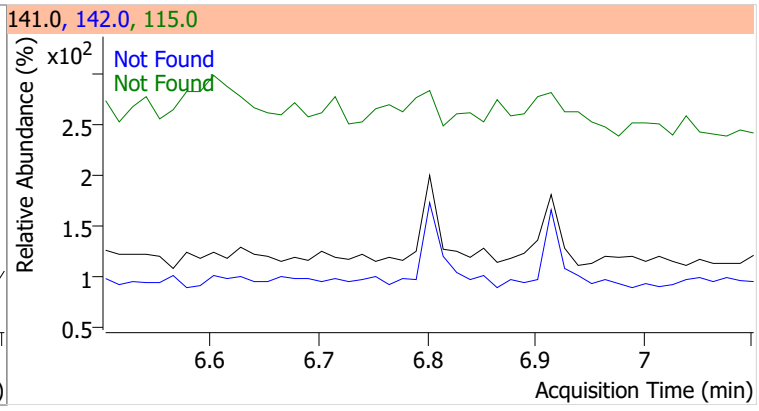

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| Naphthalene | N.D. | 5.97 | 102.0 | 12.6 | 129.0 | 11.3 |



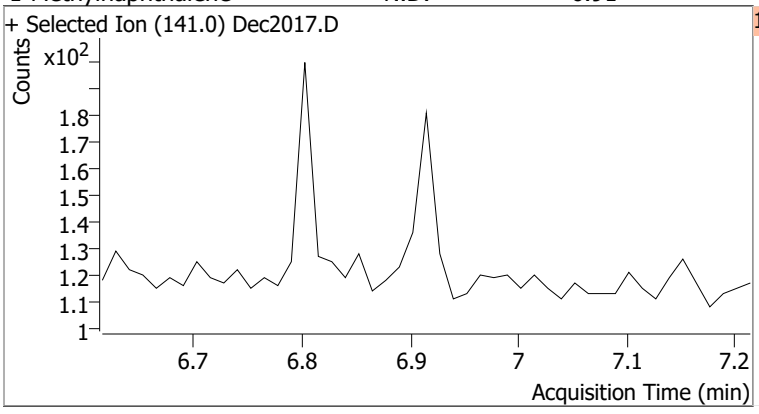



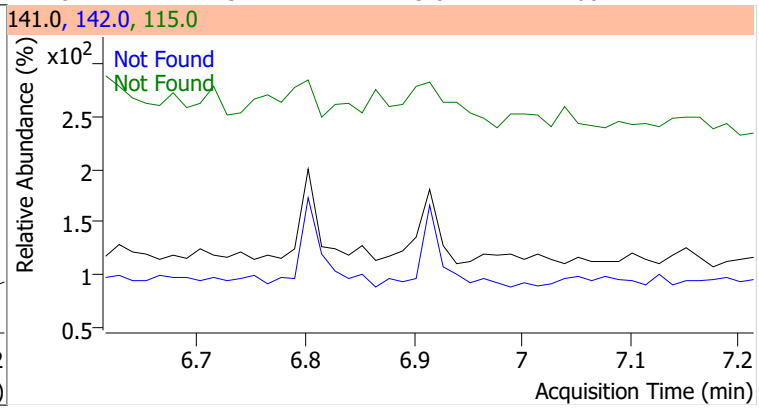

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | N.D. | 6.80 | 142.0 | 131.0 | 115.0 | 54.4 |



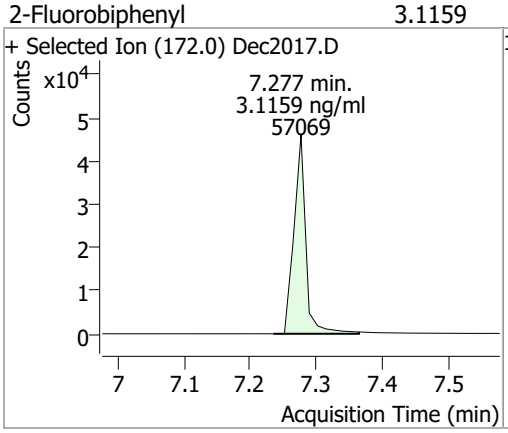



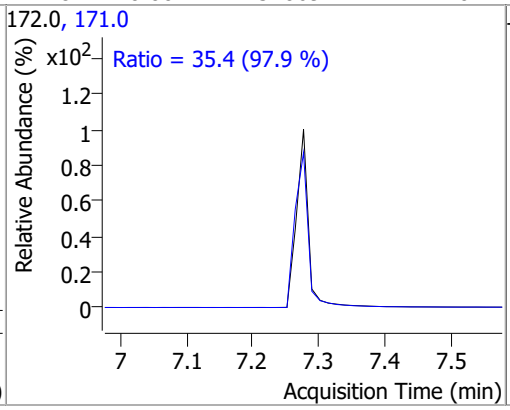

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | N.D. | 6.91 | 142.0 | 113.7 | 115.0 | 60.2 |

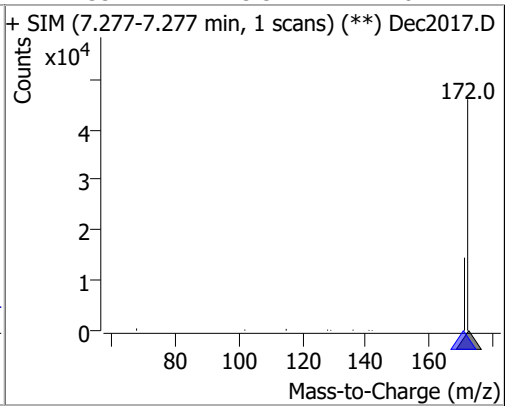


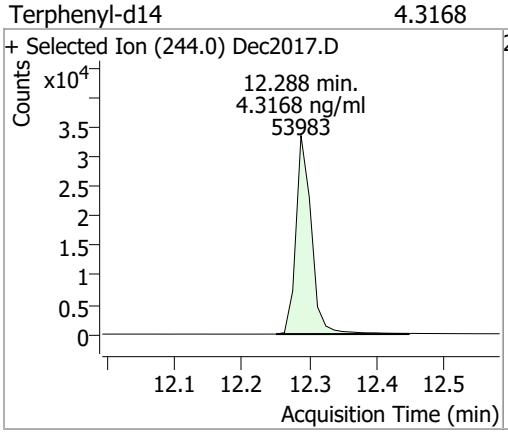
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 3.1159 | 7.28 | 0.00 | 57069 | 171.0 | 35.4 | 25.3 | 47.0 |

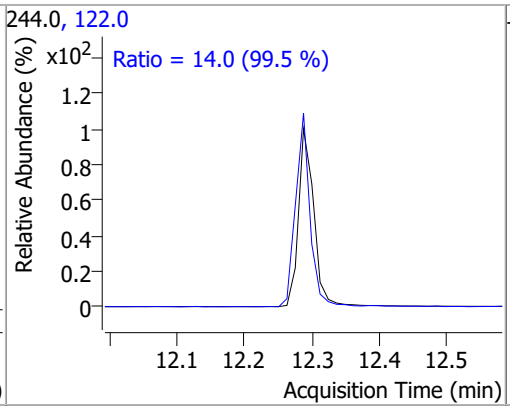


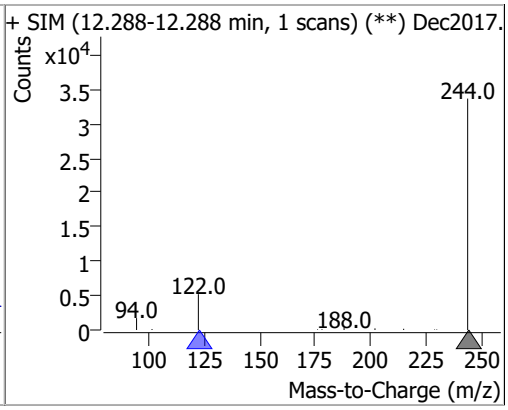




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 4.3168 | 12.29 | 0.00 | 53983 | 122.0 | 14.0 | 9.8 | 18.2 |

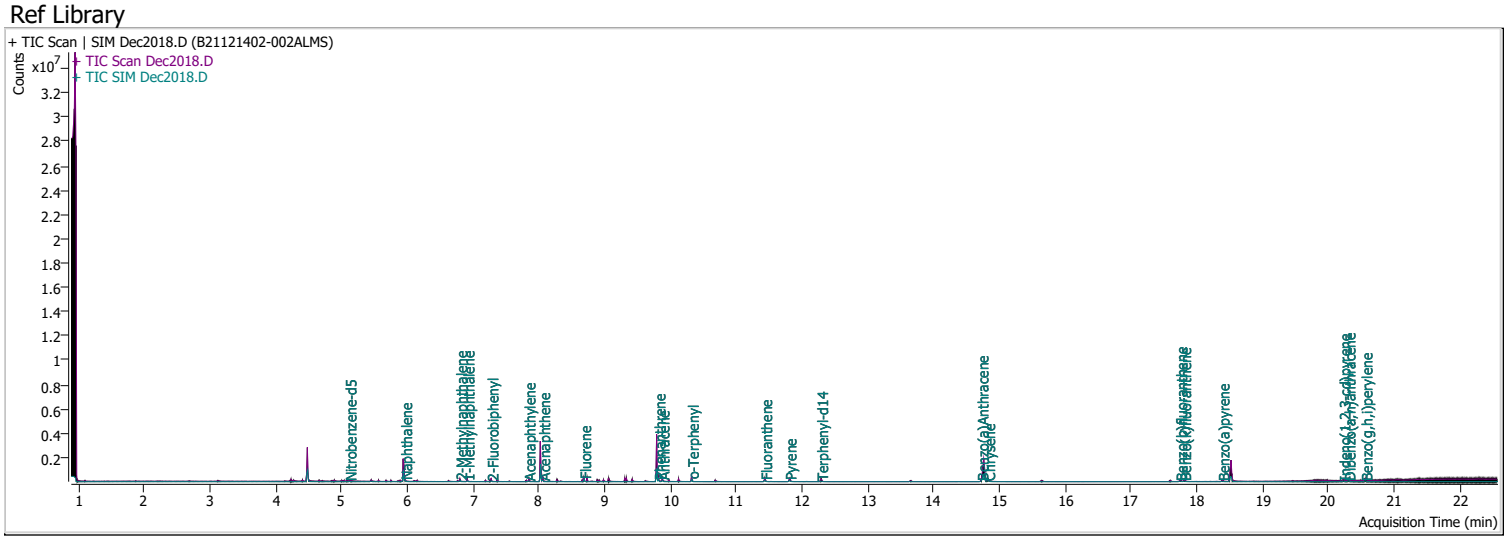


# Quantitation Results Report (QT Reviewed)

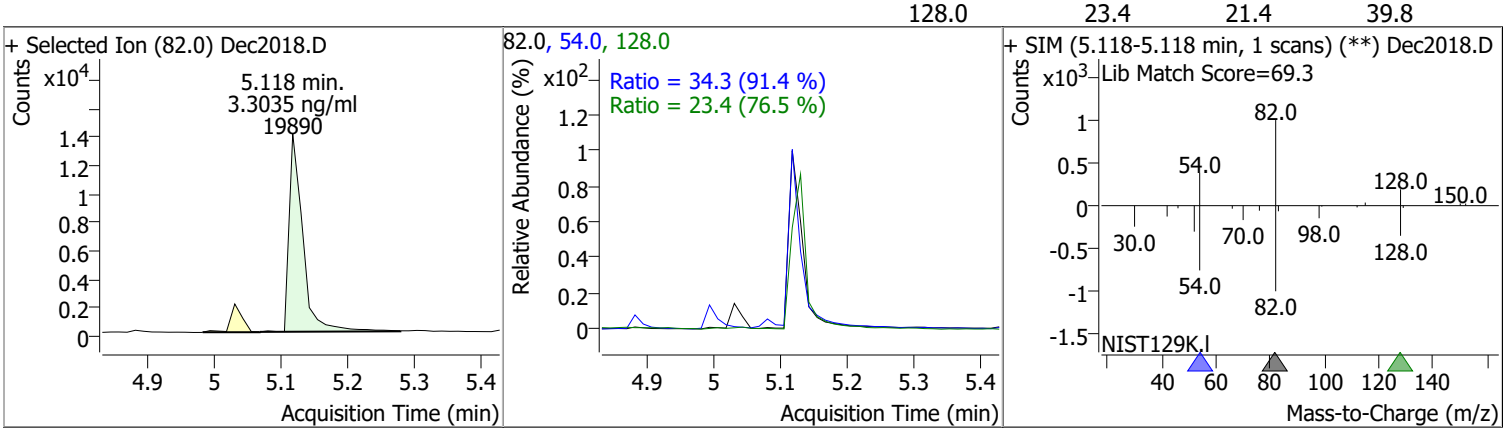
| | | | |
|---|---|---|---|
| Data File | Dec2018.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/21/2021 12:47:47 AM |
| Sample Name | B21121402-002ALMS | Instrument | GCMS |
| Vial | 18 | Multiplier | 1.00 |
| DA Method File | | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122021 bna SIM 1.batch.bin | Last Calib Update | 12/21/2021 8:40:59 AM |
| Ref Library | | | |



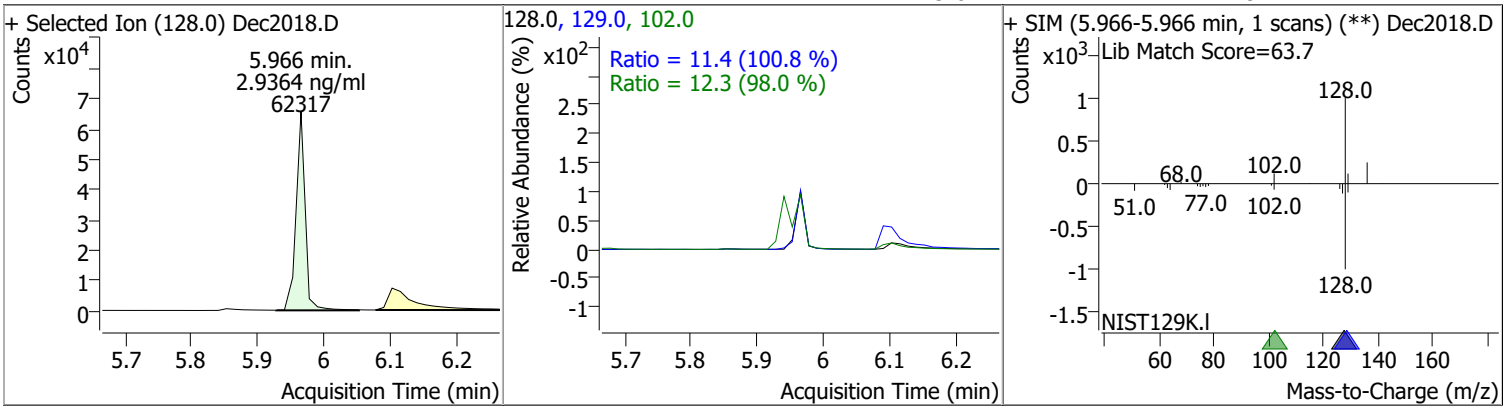

| Compound | RT | QIon | Resp. | Conc. | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| **System Monitoring Compounds** | | | | | | | |
| S Nitrobenzene-d5 | 5.118 | 82.0 | 19890 | 3.3035 | ng/ml | | -0.013 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 66.07% | | | |
| S 2-Fluorobiphenyl | 7.277 | 172.0 | 64866 | 3.2608 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 65.22% | | | |
| S Terphenyl-d14 | 12.288 | 244.0 | 61251 | 4.5722 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 91.44% | | | |
| **Target Compounds** | | | | | | | **QValue** |
| T Naphthalene | 5.966 | 128.0 | 62317 | 2.9364 | ng/ml | | 100 |
| T 2-Methylnaphthalene | 6.802 | 141.0 | 37920 | 2.9584 | ng/ml | m | 94 |
| T 1-Methylnaphthalene | 6.915 | 141.0 | 36135 | 2.8698 | ng/ml | m | 98 |

**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

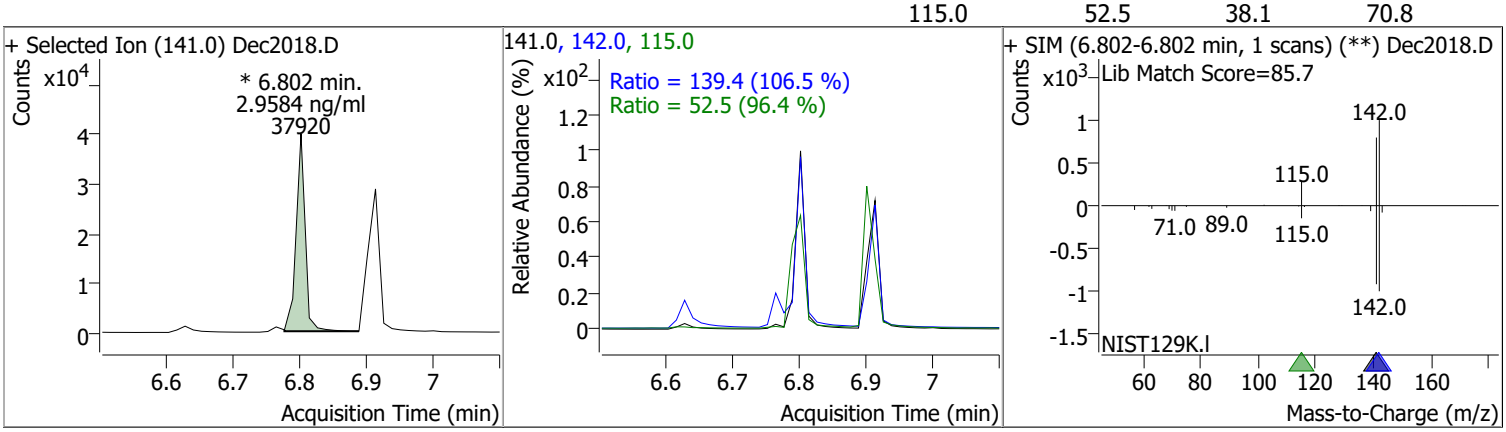
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 3.3035 | 5.12 | -0.01 | 19890 | 54.0 | 34.3 | 26.3 | 48.8 |
| | | | | | 128.0 | 23.4 | 21.4 | 39.8 |



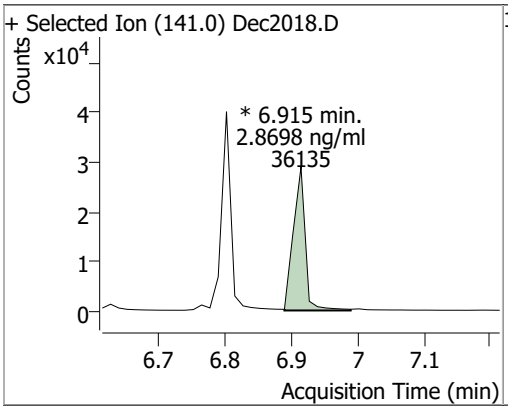

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Naphthalene | 2.9364 | 5.97 | 0.00 | 62317 | 102.0 | 12.3 | 0.0 | 37.7 |
| | | | | | 129.0 | 11.4 | 7.9 | 14.7 |

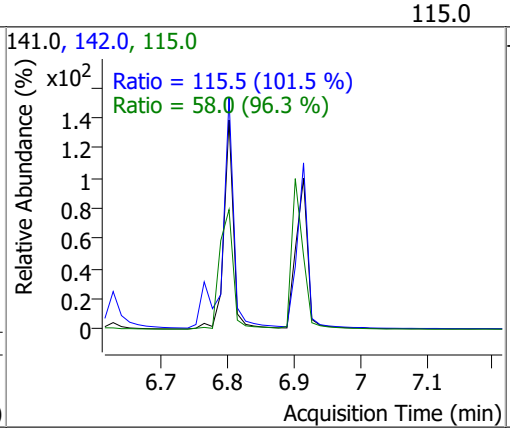


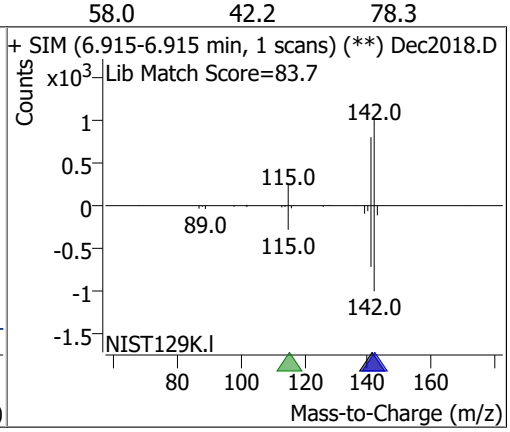

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 2.9584 | 6.80 | 0.00 | 37920 (m) | 142.0 | 139.4 | 91.7 | 170.2 |
| | | | | | 115.0 | 52.5 | 38.1 | 70.8 |



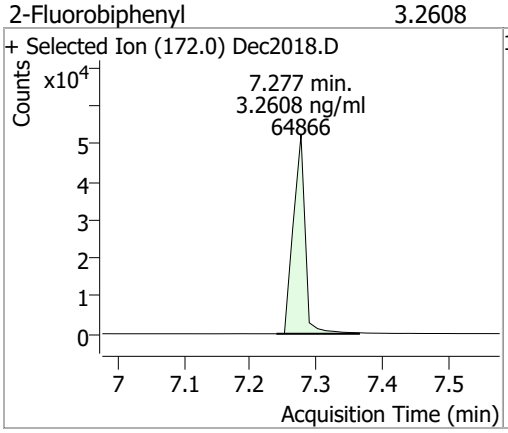
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | 2.8698 | 6.91 | 0.00 | 36135 (m) | 142.0 | 115.5 | 79.6 | 147.8 |
| | | | | | 115.0 | 58.0 | 42.2 | 78.3 |

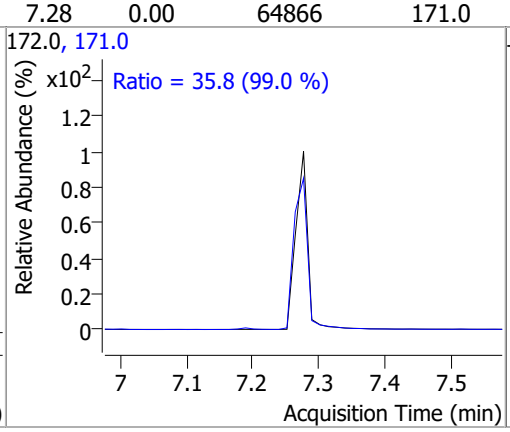


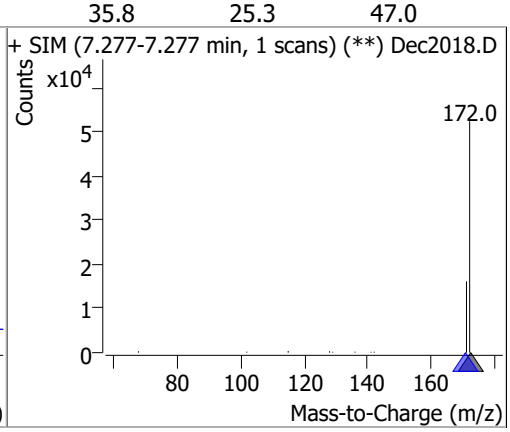



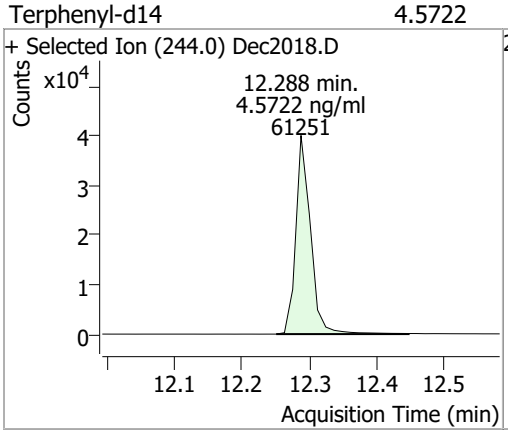

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 3.2608 | 7.28 | 0.00 | 64866 | 171.0 | 35.8 | 25.3 | 47.0 |

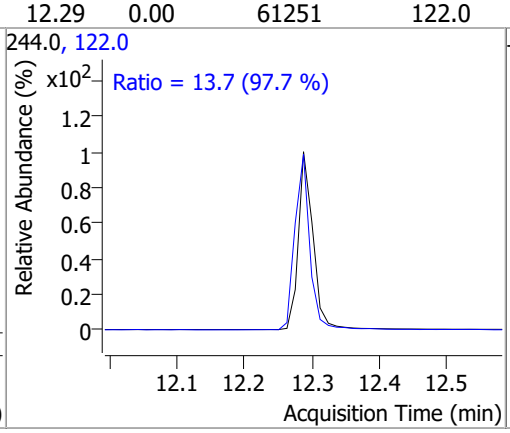


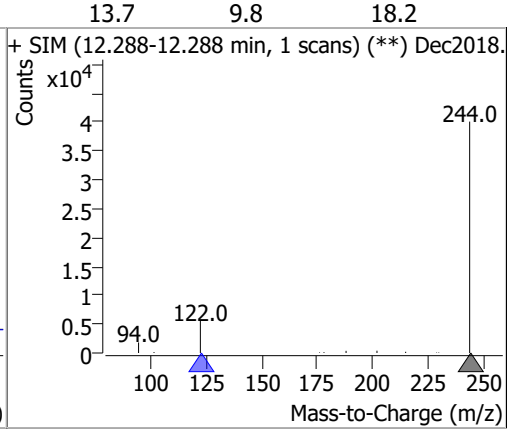




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 4.5722 | 12.29 | 0.00 | 61251 | 122.0 | 13.7 | 9.8 | 18.2 |

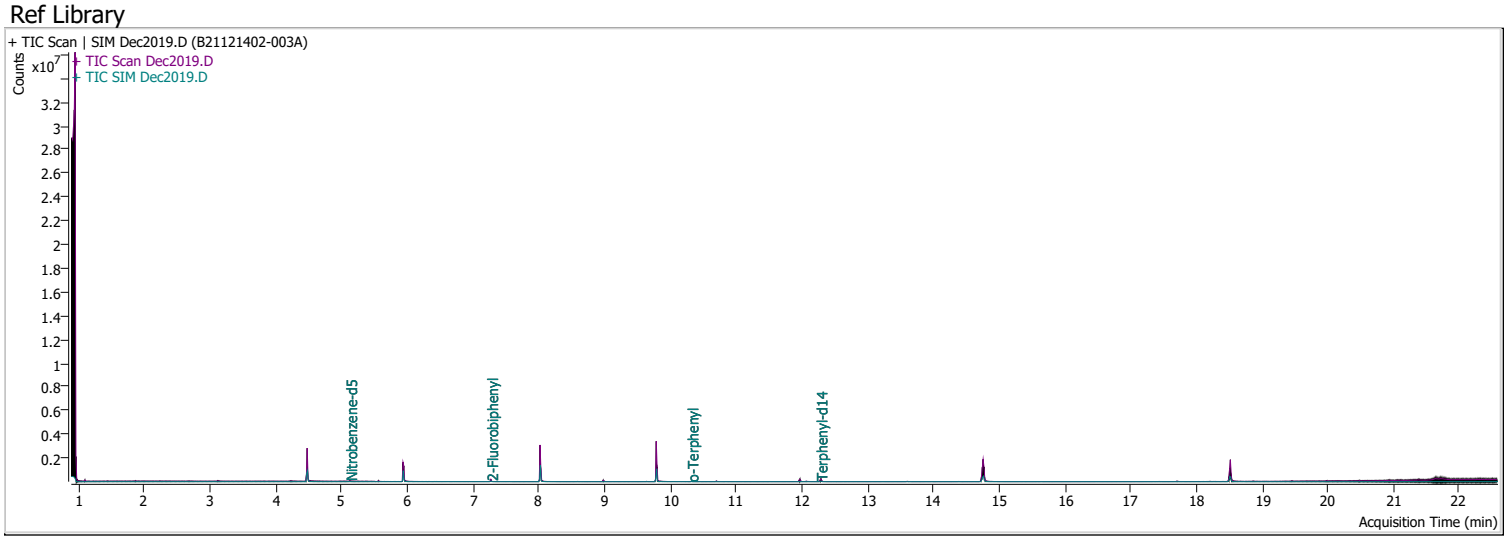


# Quantitation Results Report (QT Reviewed)

| | | | |
|---|---|---|---|
| Data File | Dec2019.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/21/2021 1:20:15 AM |
| Sample Name | B21121402-003A | Instrument | GCMS |
| Vial | 19 | Multiplier | 1.00 |
| DA Method File | | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122021 bna SIM 1.batch.bin | Last Calib Update | 12/21/2021 8:40:59 AM |
| Ref Library | | | |

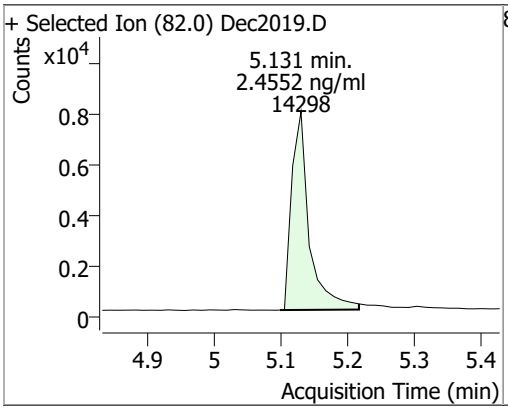


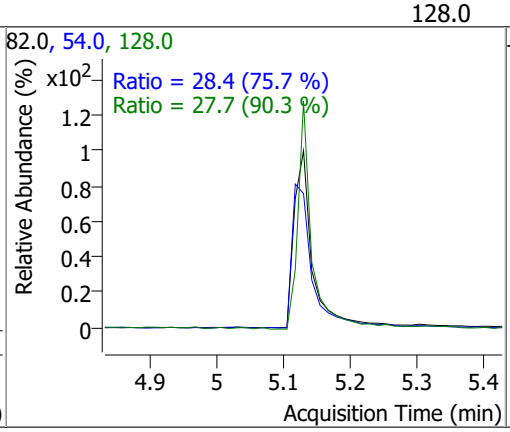

| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| **System Monitoring Compounds** | | | | | | |
| S Nitrobenzene-d5 | 5.131 | 82.0 | 14298 | 2.4552 | ng/ml | 0.000 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 49.10% | | |
| S 2-Fluorobiphenyl | 7.277 | 172.0 | 52958 | 2.7666 | ng/ml | 0.000 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 55.33% | | |
| S Terphenyl-d14 | 12.288 | 244.0 | 58422 | 4.4169 | ng/ml | 0.000 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 88.34% | | |
| **Target Compounds** | | | | | | QValue |
| T Naphthalene | 0.000 | | 0 | N.D. | | |
| T 2-Methylnaphthalene | 0.000 | | 0 | N.D. | | |
| T 1-Methylnaphthalene | 0.000 | | 0 | N.D. | | |

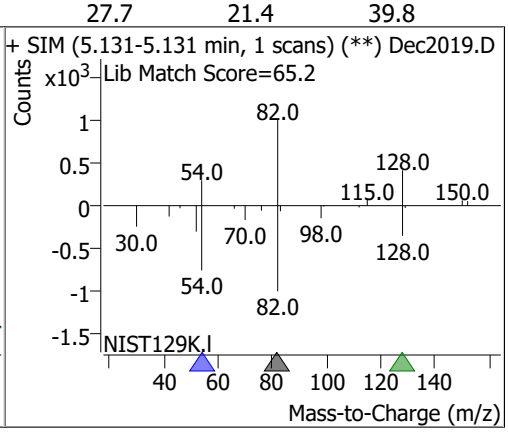
**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

# Quantitation Results Report (QT Reviewed)

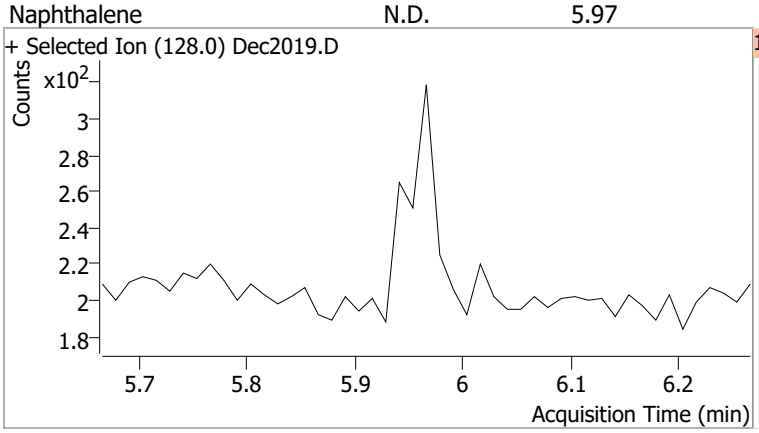
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 2.4552 | 5.13 | 0.00 | 14298 | 54.0 | 28.4 | 26.3 | 48.8 |
| | | | | | 128.0 | 27.7 | 21.4 | 39.8 |

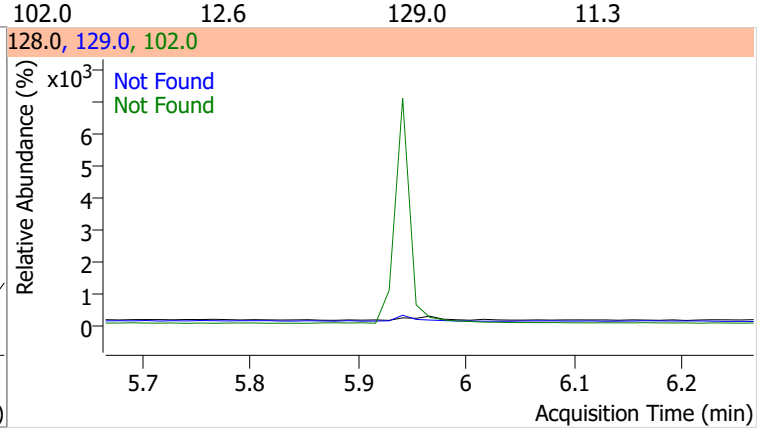


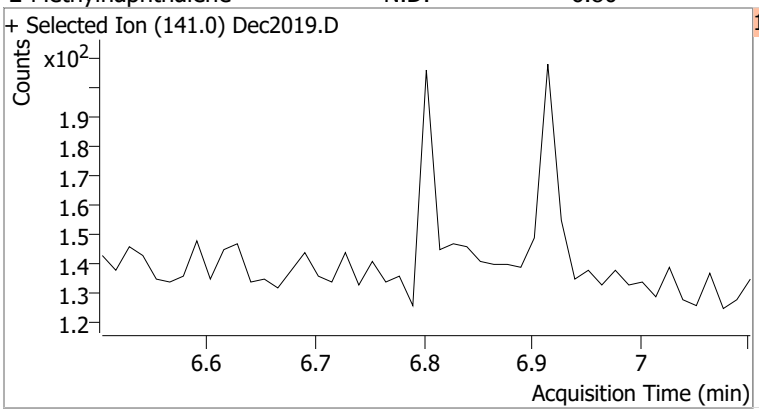



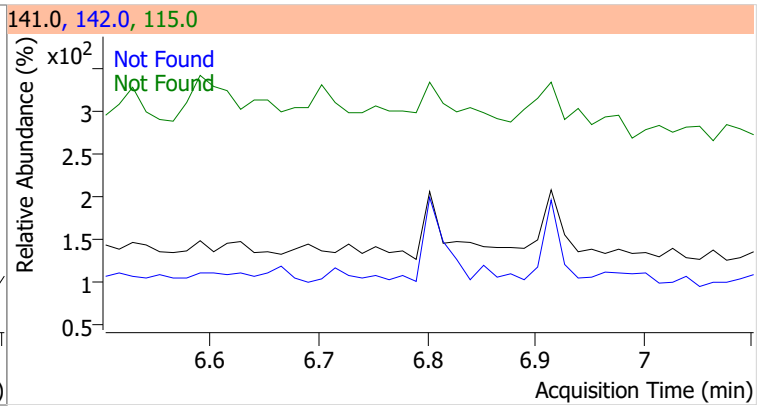

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| Naphthalene | N.D. | 5.97 | 102.0 | 12.6 | 129.0 | 11.3 |



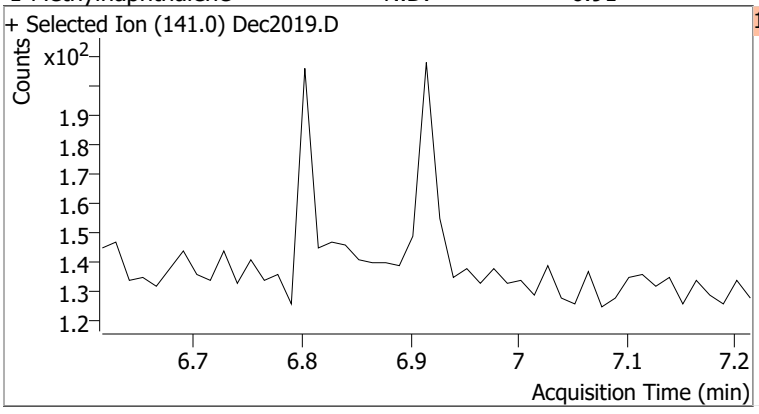



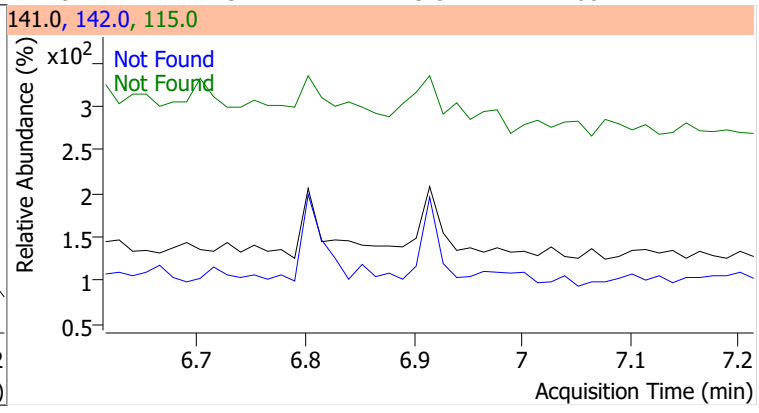

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | N.D. | 6.80 | 142.0 | 131.0 | 115.0 | 54.4 |



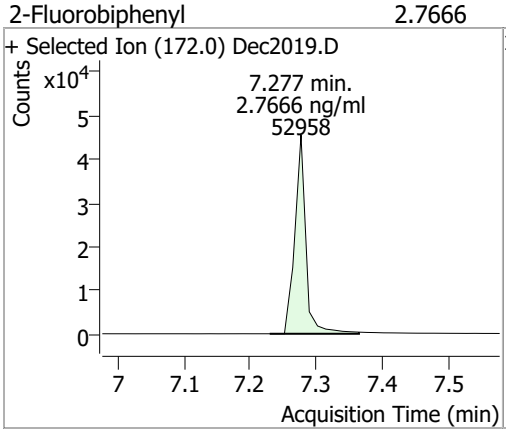



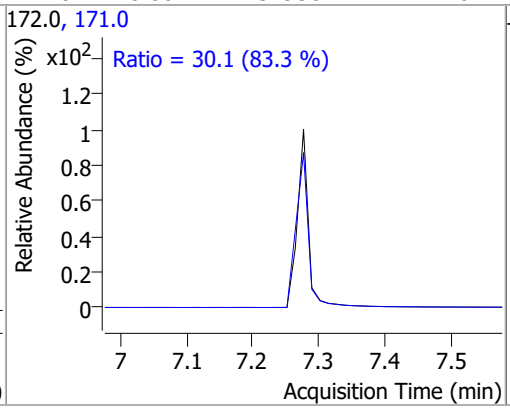

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | N.D. | 6.91 | 142.0 | 113.7 | 115.0 | 60.2 |

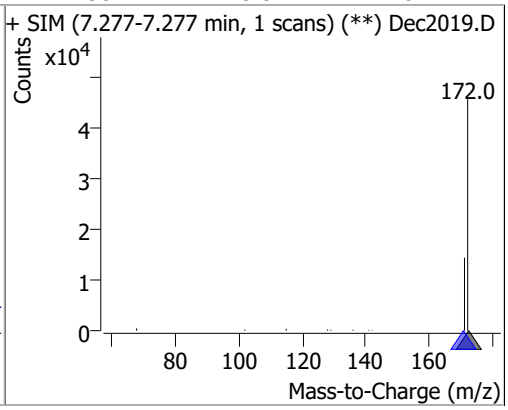


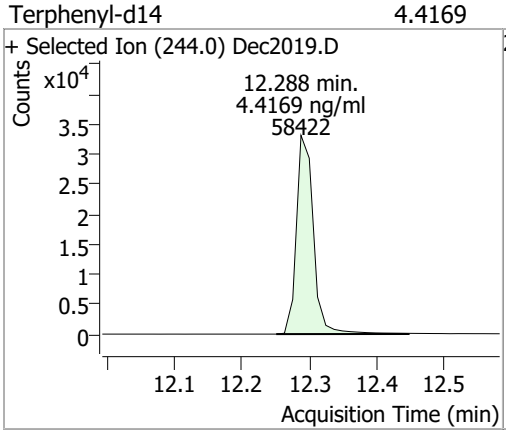
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 2.7666 | 7.28 | 0.00 | 52958 | 171.0 | 30.1 | 25.3 | 47.0 |

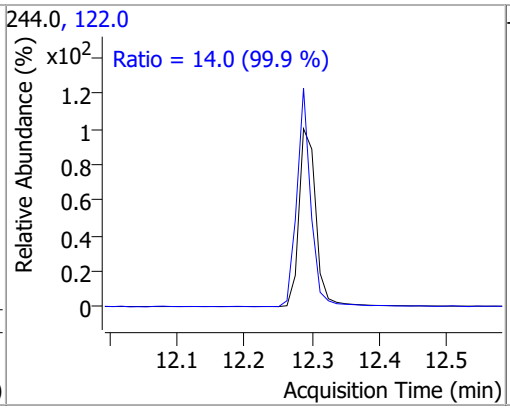


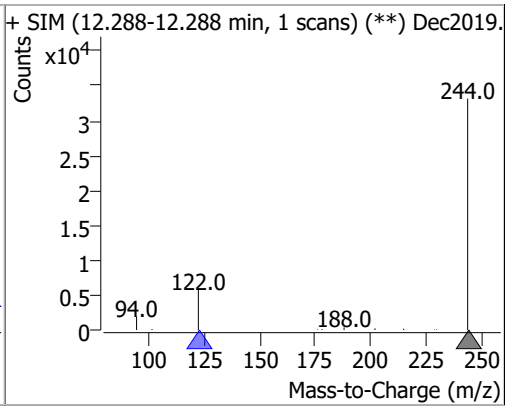




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 4.4169 | 12.29 | 0.00 | 58422 | 122.0 | 14.0 | 9.8 | 18.2 |



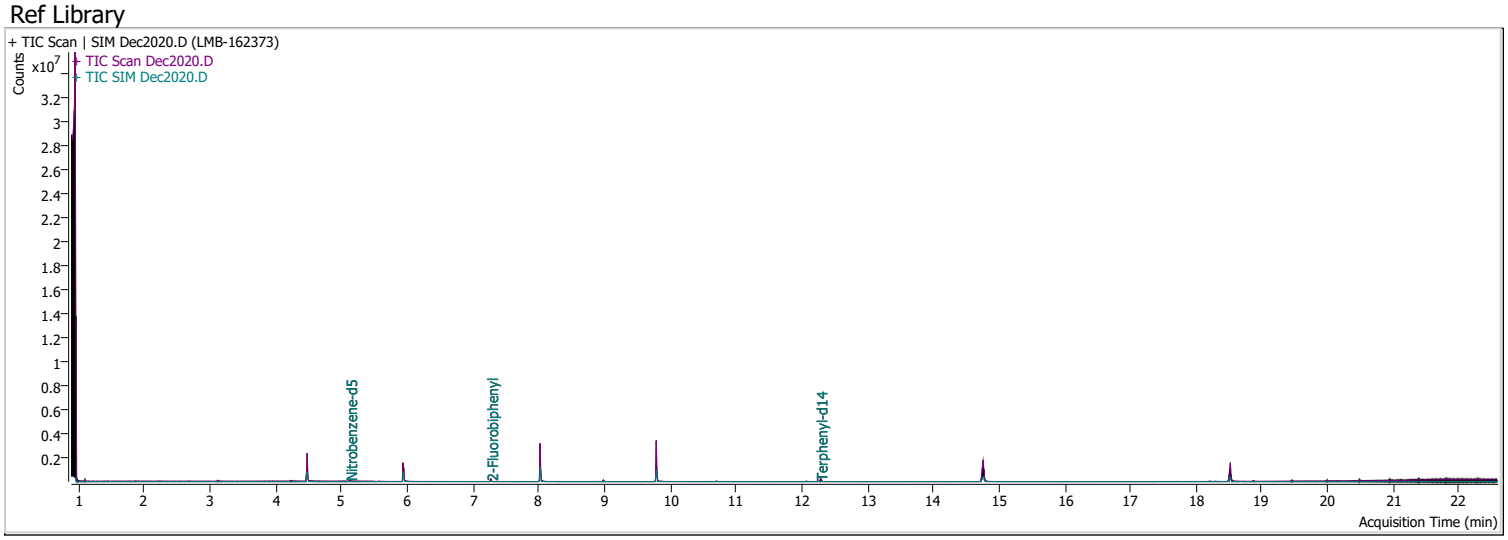



# Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

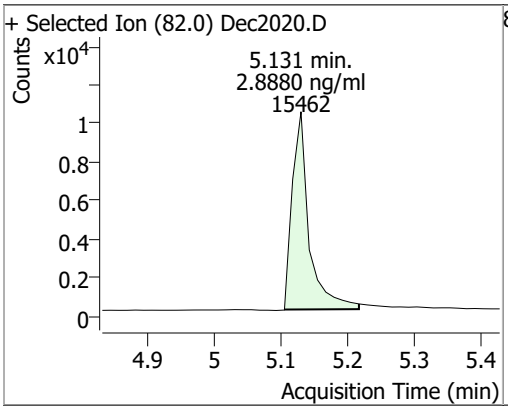
| | | | |
|---|---|---|---|
| Data File | Dec2020.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/21/2021 1:52:39 AM |
| Sample Name | LMB-162373 | Instrument | GCMS |
| Vial | 20 | Multiplier | 1.00 |
| DA Method File | | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122021 bna SIM 1.batch.bin | Last Calib Update | 12/21/2021 8:40:59 AM |
| Ref Library | | | |

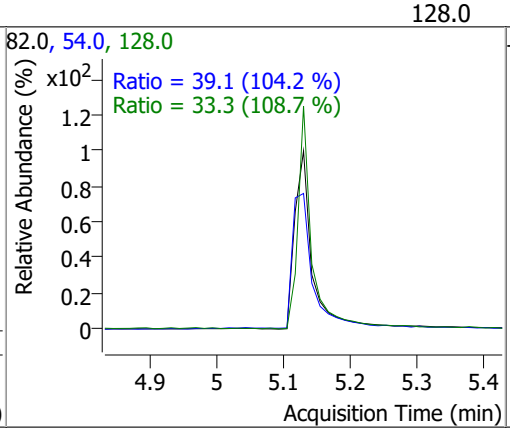


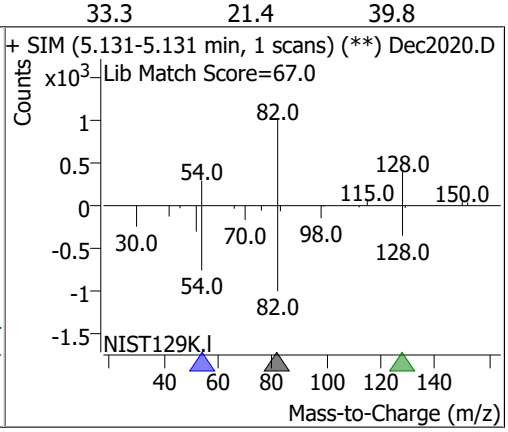

| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| **System Monitoring Compounds** | | | | | | |
| S Nitrobenzene-d5 | 5.131 | 82.0 | 15462 | 2.8880 | ng/ml | 0.000 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 57.76% | | |
| S 2-Fluorobiphenyl | 7.277 | 172.0 | 66266 | 3.7211 | ng/ml | 0.000 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 74.42% | | |
| S Terphenyl-d14 | 12.288 | 244.0 | 57511 | 4.8219 | ng/ml | 0.000 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 96.44% | | |
| **Target Compounds** | | | | | | QValue |
| T Naphthalene | 0.000 | | 0 | N.D. | | |
| T 2-Methylnaphthalene | 0.000 | | 0 | N.D. | | |
| T 1-Methylnaphthalene | 0.000 | | 0 | N.D. | | |

**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

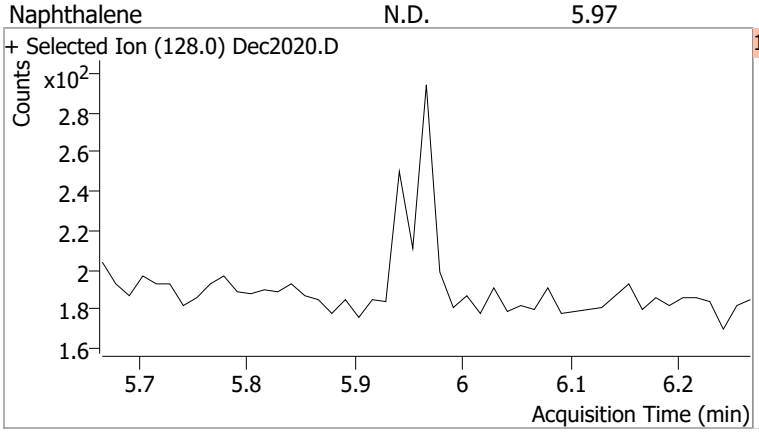
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 2.8880 | 5.13 | 0.00 | 15462 | 54.0 | 39.1 | 26.3 | 48.8 |
| | | | | | 128.0 | 33.3 | 21.4 | 39.8 |

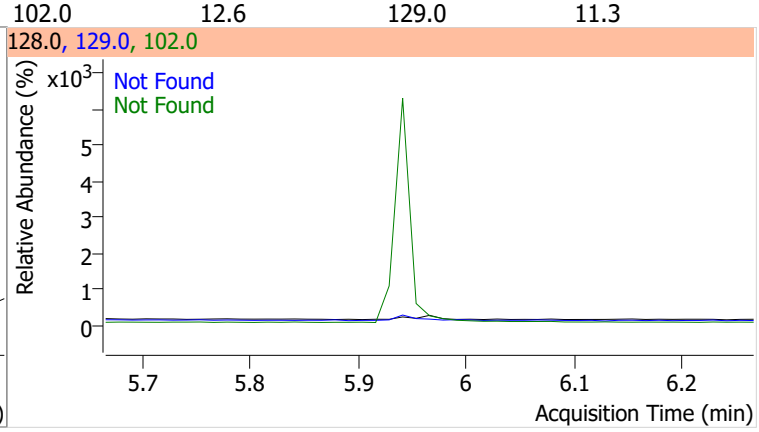


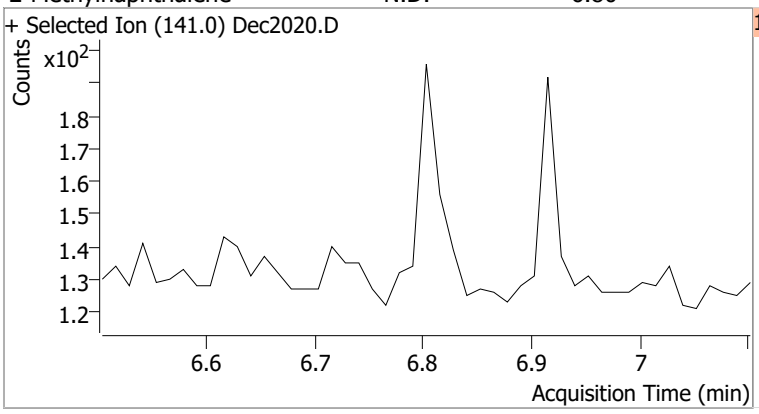



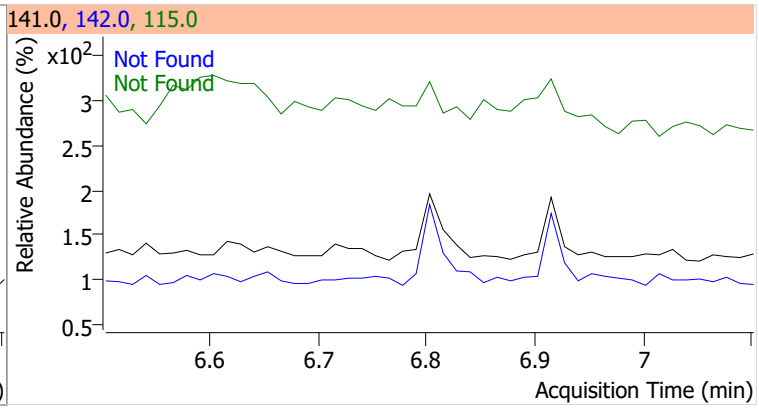

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| Naphthalene | N.D. | 5.97 | 102.0 | 12.6 | 129.0 | 11.3 |



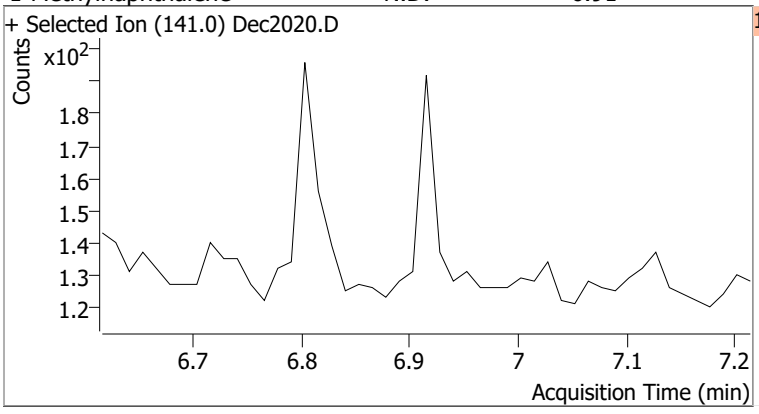



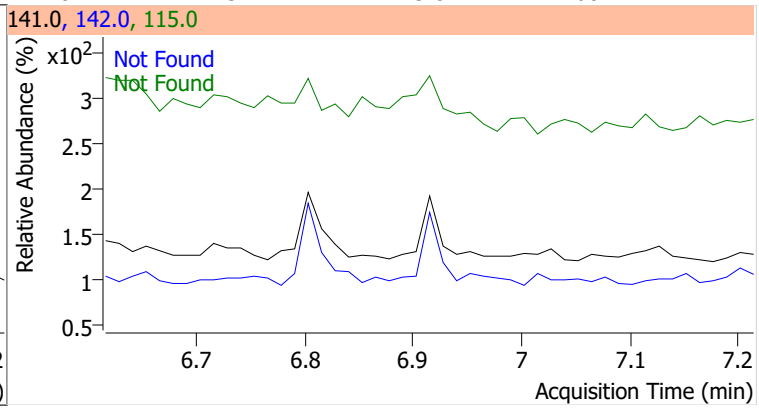

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | N.D. | 6.80 | 142.0 | 131.0 | 115.0 | 54.4 |



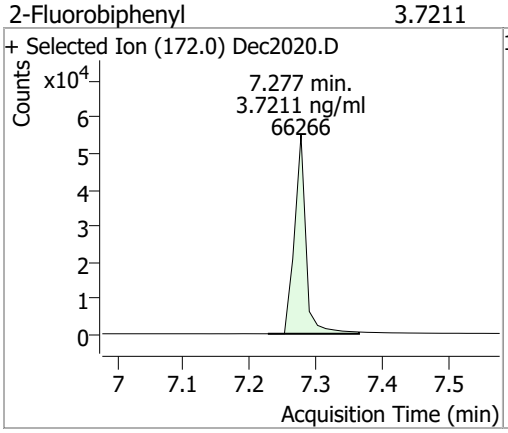



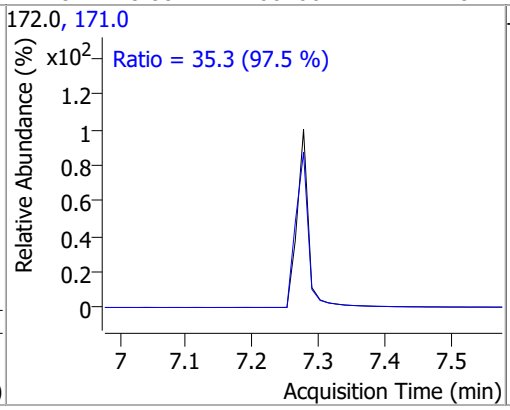

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | N.D. | 6.91 | 142.0 | 113.7 | 115.0 | 60.2 |

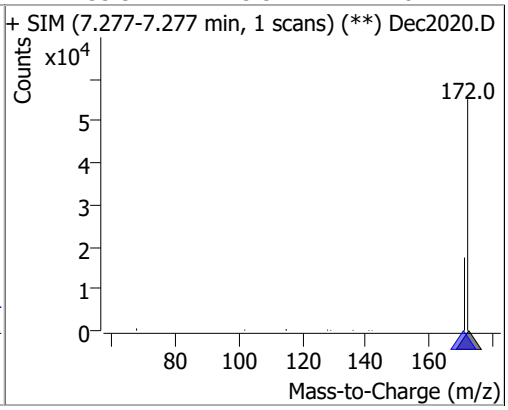


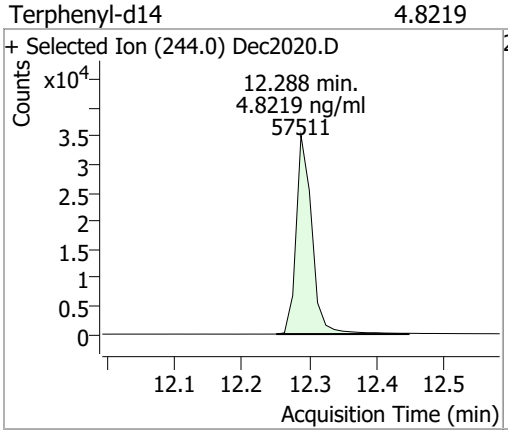
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 3.7211 | 7.28 | 0.00 | 66266 | 171.0 | 35.3 | 25.3 | 47.0 |

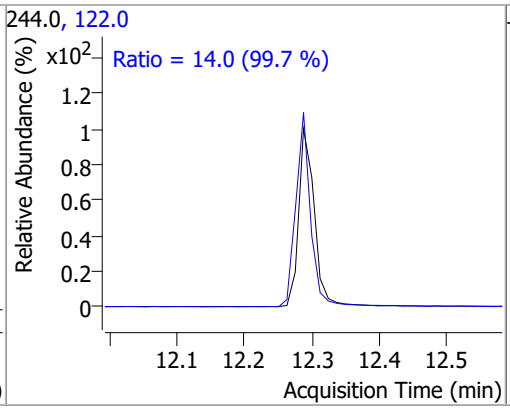


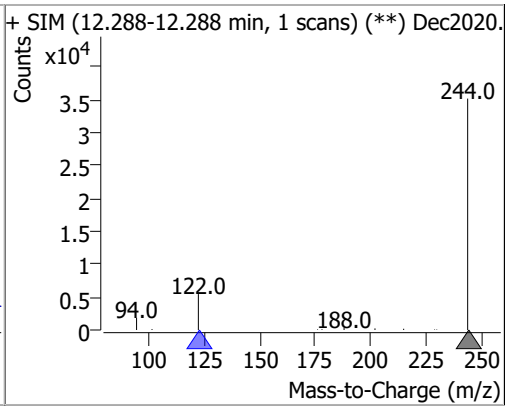




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 4.8219 | 12.29 | 0.00 | 57511 | 122.0 | 14.0 | 9.8 | 18.2 |



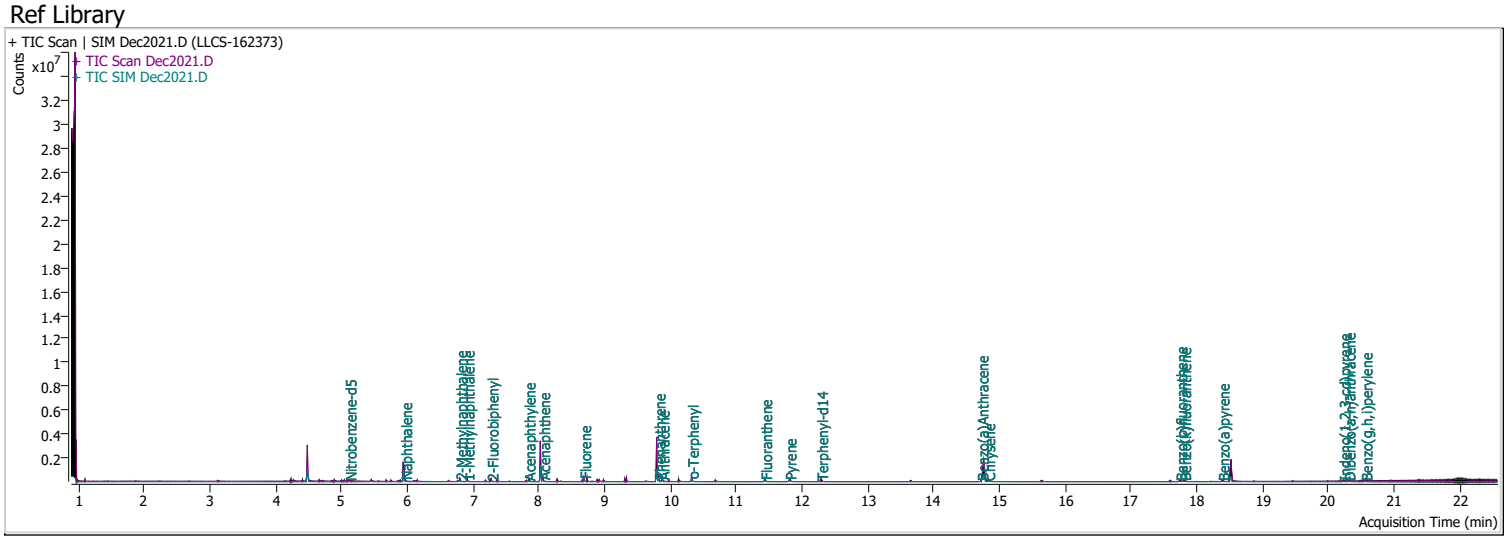



# Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

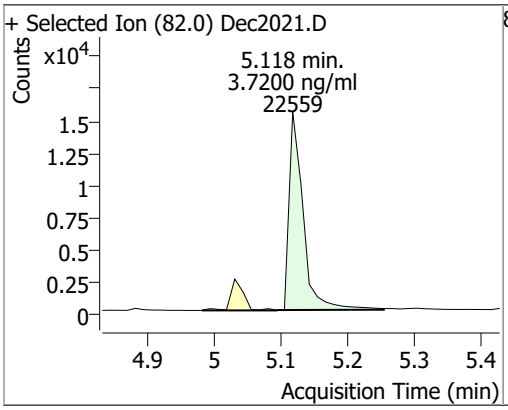
| | | | |
|---|---|---|---|
| Data File | Dec2021.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/21/2021 2:25:06 AM |
| Sample Name | LLCS-162373 | Instrument | GCMS |
| Vial | 21 | Multiplier | 1.00 |
| DA Method File | | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122021 bna SIM 1.batch.bin | Last Calib Update | 12/21/2021 8:40:59 AM |
| Ref Library | | | |

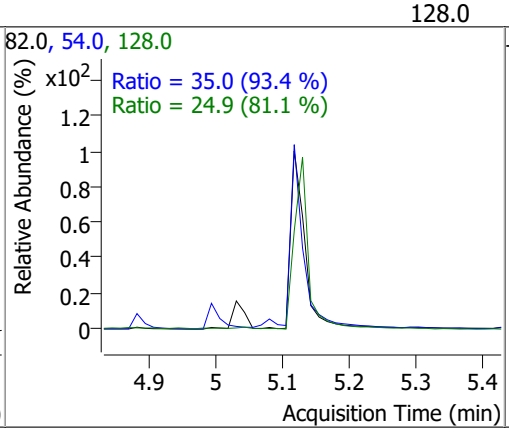


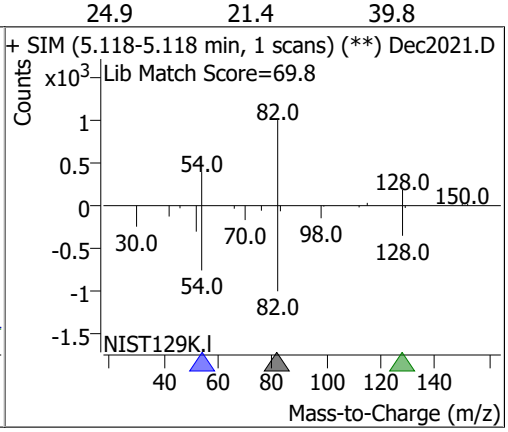

| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| **System Monitoring Compounds** | | | | | | |
| S Nitrobenzene-d5 | 5.118 | 82.0 | 22559 | 3.7200 | ng/ml | -0.012 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 74.40% | | |
| S 2-Fluorobiphenyl | 7.277 | 172.0 | 70712 | 3.6145 | ng/ml | 0.000 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 72.29% | | |
| S Terphenyl-d14 | 12.288 | 244.0 | 59534 | 4.4494 | ng/ml | 0.000 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 88.99% | | |
| **Target Compounds** | | | | | | QValue |
| T Naphthalene | 5.966 | 128.0 | 72802 | 3.4835 | ng/ml | 100 |
| T 2-Methylnaphthalene | 6.802 | 141.0 | 44505 | 3.5437 | ng/ml | 94 |
| T 1-Methylnaphthalene | 6.915 | 141.0 | 41467 | 3.3350 | ng/ml | 98 |

**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

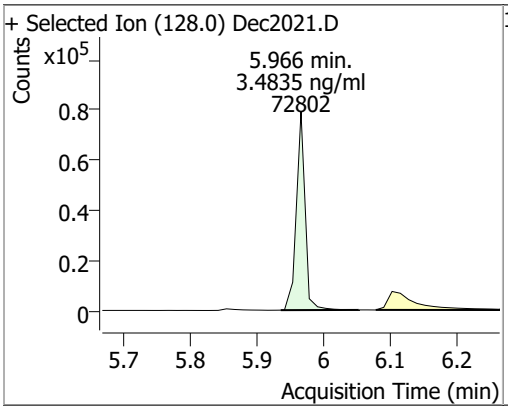
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 3.7200 | 5.12 | -0.01 | 22559 | 54.0 | 35.0 | 26.3 | 48.8 |
| | | | | | 128.0 | 24.9 | 21.4 | 39.8 |

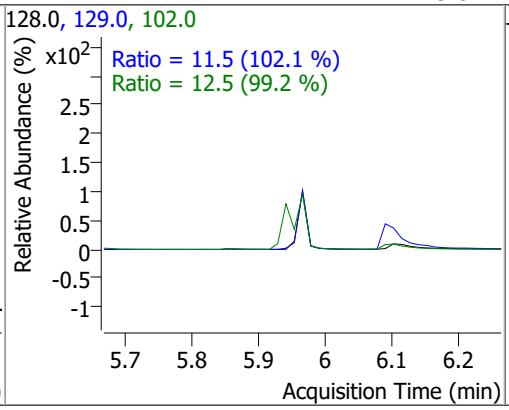


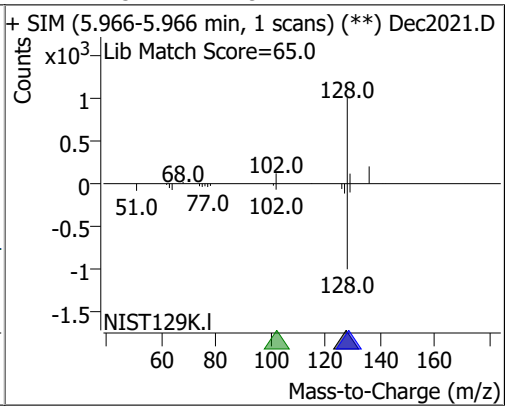



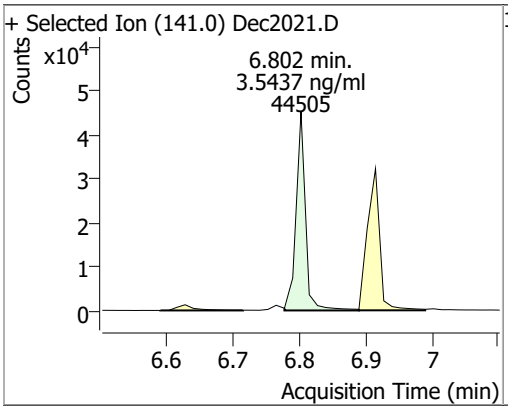

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Naphthalene | 3.4835 | 5.97 | 0.00 | 72802 | 102.0 | 12.5 | 0.0 | 37.7 |
| | | | | | 129.0 | 11.5 | 7.9 | 14.7 |

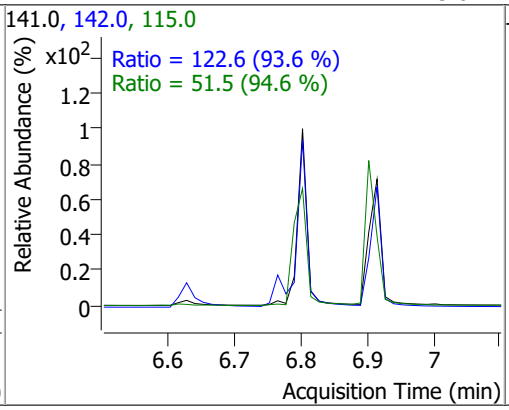


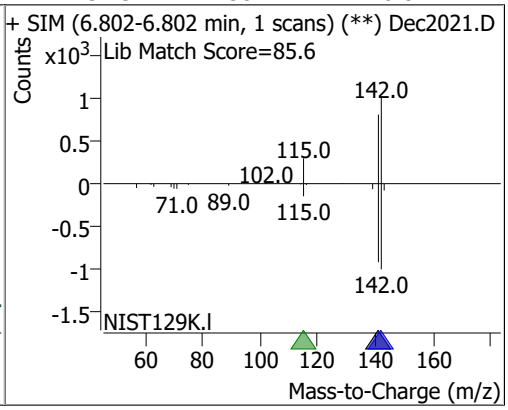



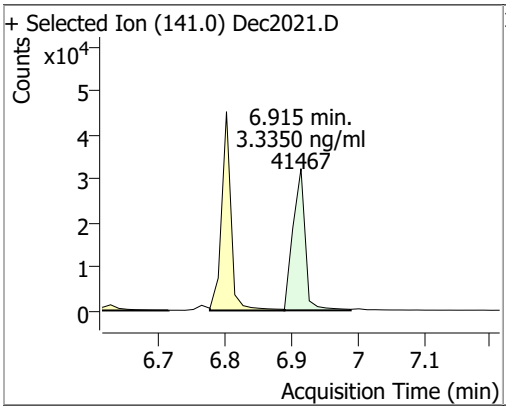

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 3.5437 | 6.80 | 0.00 | 44505 | 142.0 | 122.6 | 91.7 | 170.2 |
| | | | | | 115.0 | 51.5 | 38.1 | 70.8 |

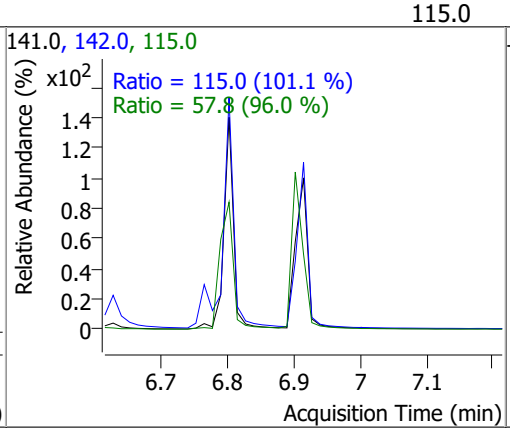


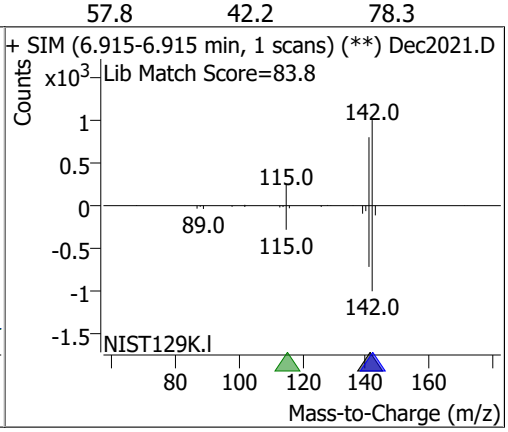



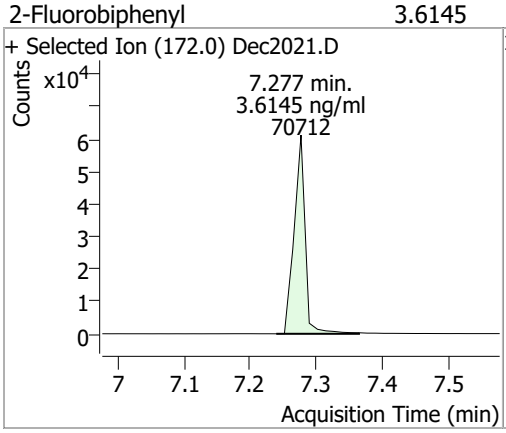
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | 3.3350 | 6.91 | 0.00 | 41467 | 142.0 | 115.0 | 79.6 | 147.8 |
| | | | | | 115.0 | 57.8 | 42.2 | 78.3 |

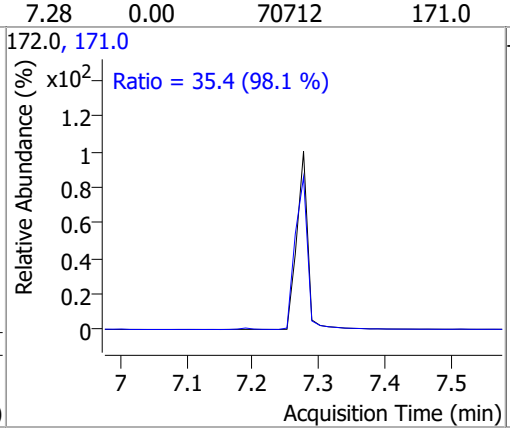


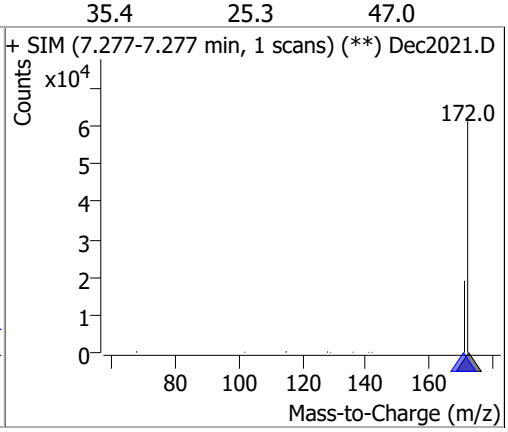



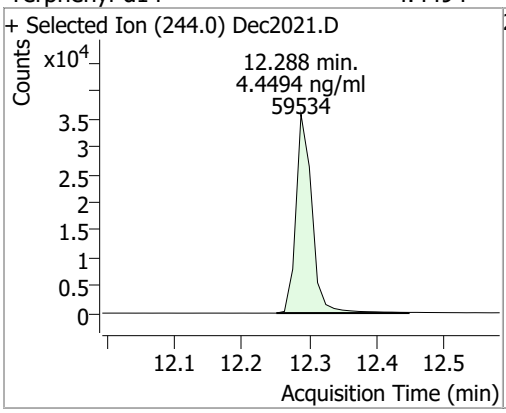

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 3.6145 | 7.28 | 0.00 | 70712 | 171.0 | 35.4 | 25.3 | 47.0 |

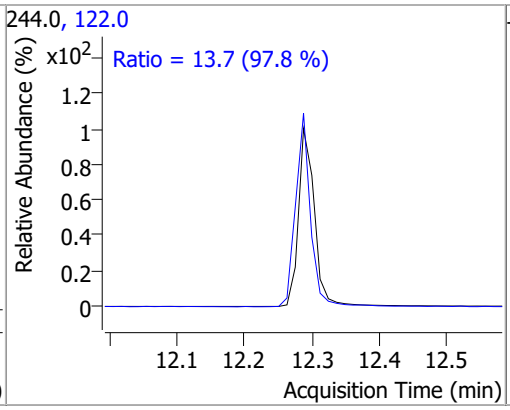


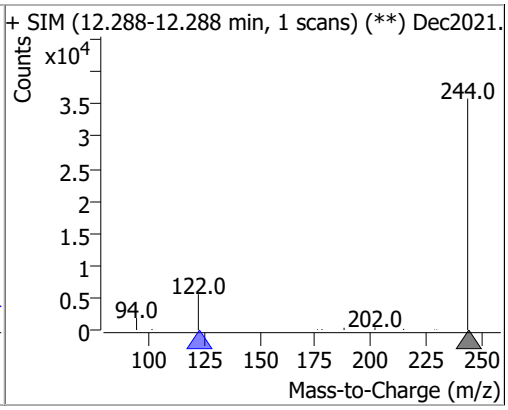




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 4.4494 | 12.29 | 0.00 | 59534 | 122.0 | 13.7 | 9.8 | 18.2 |

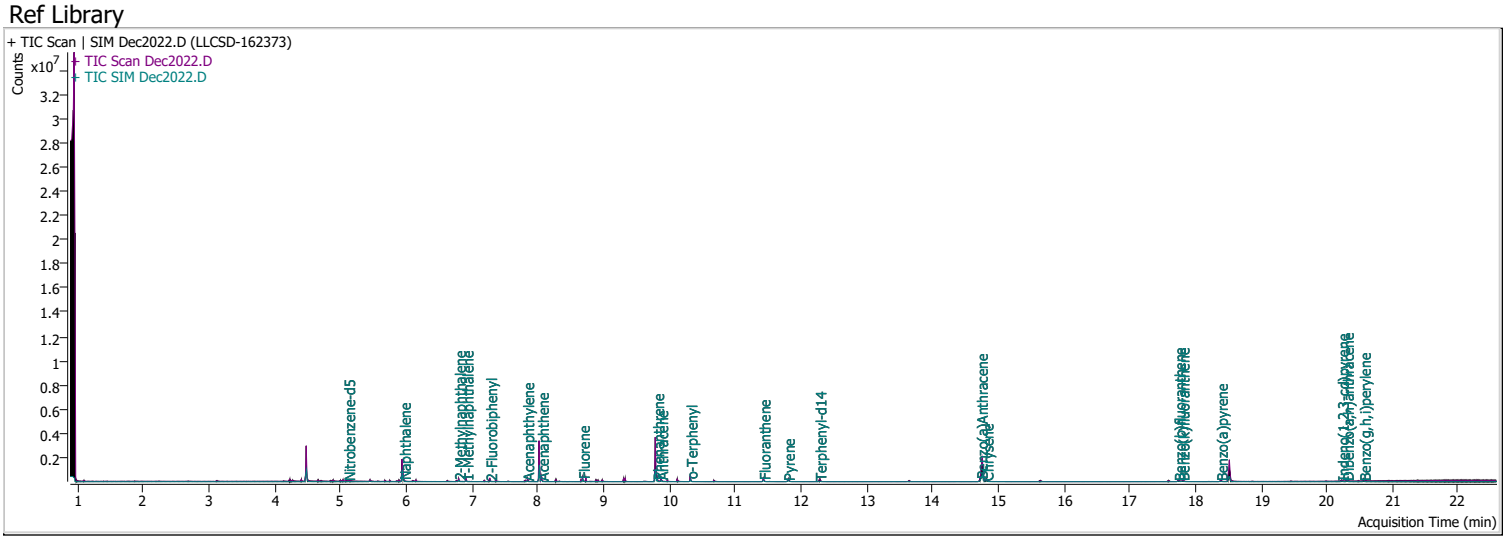


# Quantitation Results Report (QT Reviewed)

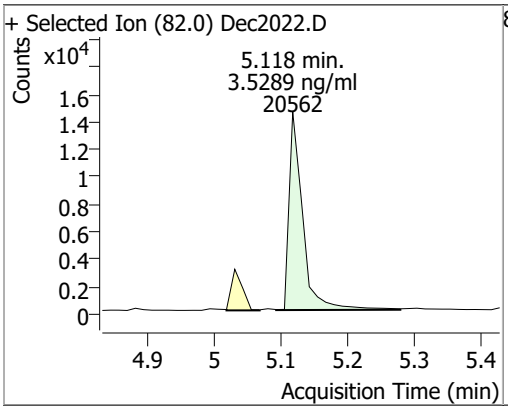
| | | | |
|---|---|---|---|
| Data File | Dec2022.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/21/2021 2:57:20 AM |
| Sample Name | LLCSD-162373 | Instrument | GCMS |
| Vial | 22 | Multiplier | 1.00 |
| DA Method File | | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122021 bna SIM 1.batch.bin | Last Calib Update | 12/21/2021 8:40:59 AM |
| Ref Library | | | |

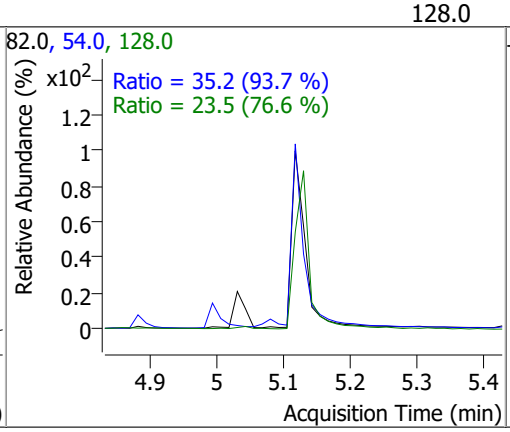


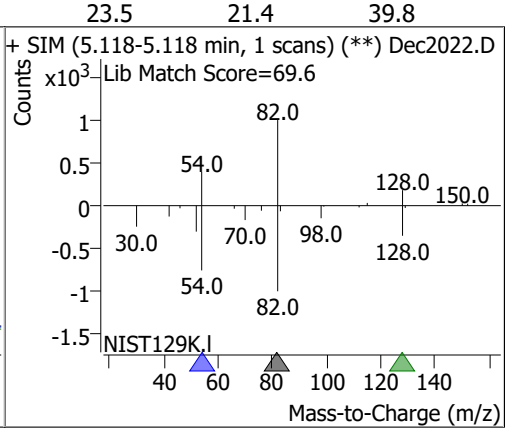

| Compound | RT | QIon | Resp. | Conc. | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| **System Monitoring Compounds** | | | | | | | |
| S Nitrobenzene-d5 | 5.118 | 82.0 | 20562 | 3.5289 | ng/ml | | -0.013 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 70.58% | | | |
| S 2-Fluorobiphenyl | 7.277 | 172.0 | 69273 | 3.5645 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 71.29% | | | |
| S Terphenyl-d14 | 12.288 | 244.0 | 58850 | 4.4763 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 89.53% | | | |
| **Target Compounds** | | | | | | | **QValue** |
| T Naphthalene | 5.966 | 128.0 | 73952 | 3.6101 | ng/ml | | 99 |
| T 2-Methylnaphthalene | 6.802 | 141.0 | 44352 | 3.6015 | ng/ml | m | 95 |
| T 1-Methylnaphthalene | 6.915 | 141.0 | 43394 | 3.5614 | ng/ml | m | 99 |

**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

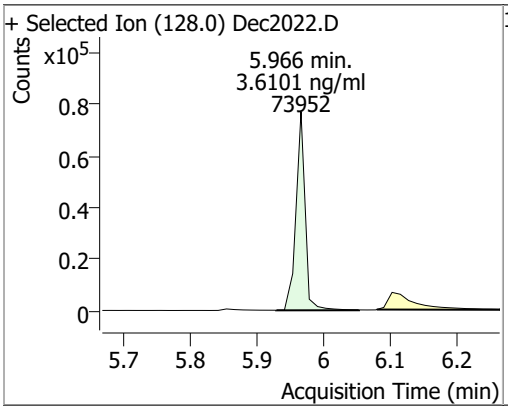
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 3.5289 | 5.12 | -0.01 | 20562 | 54.0 | 35.2 | 26.3 | 48.8 |
| | | | | | 128.0 | 23.5 | 21.4 | 39.8 |

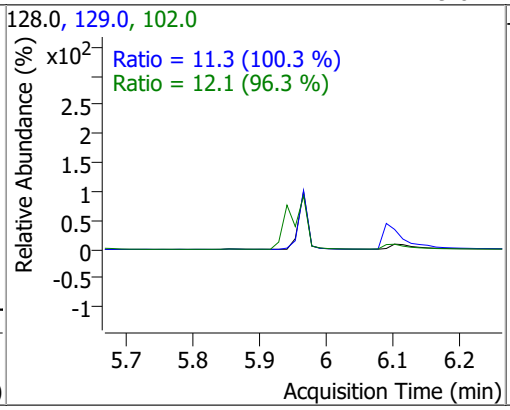


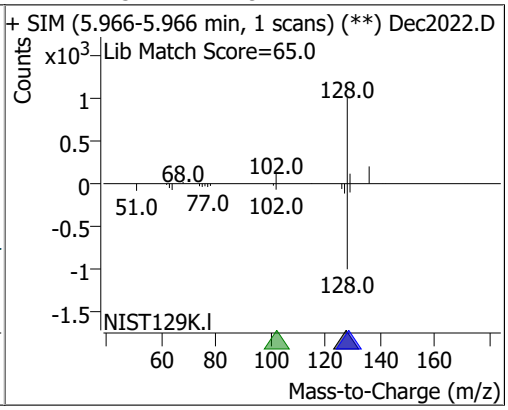



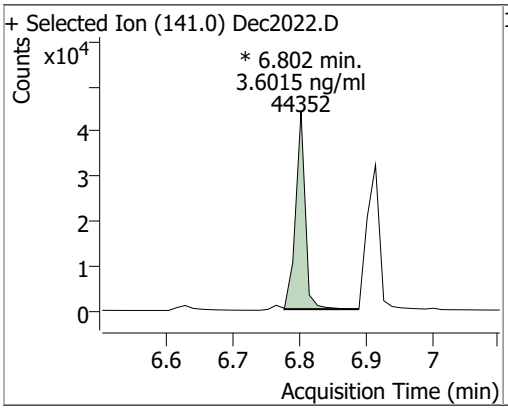

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Naphthalene | 3.6101 | 5.97 | 0.00 | 73952 | 102.0 | 12.1 | 0.0 | 37.7 |
| | | | | | 129.0 | 11.3 | 7.9 | 14.7 |

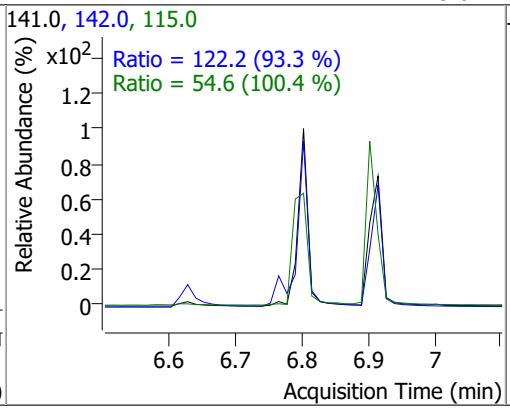


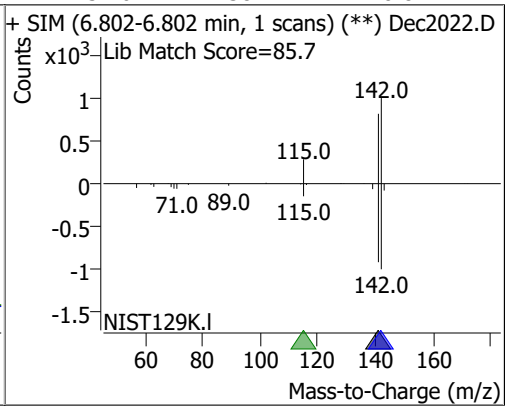



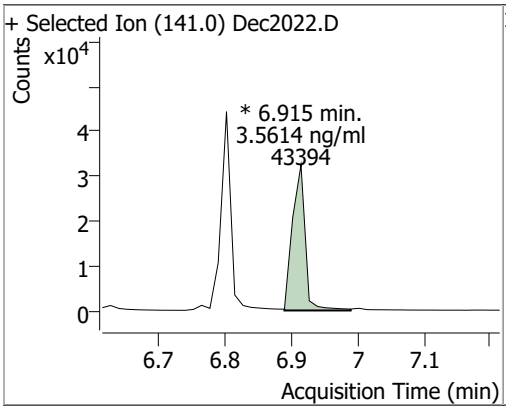

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 3.6015 | 6.80 | 0.00 | 44352 (m) | 142.0 | 122.2 | 91.7 | 170.2 |
| | | | | | 115.0 | 54.6 | 38.1 | 70.8 |

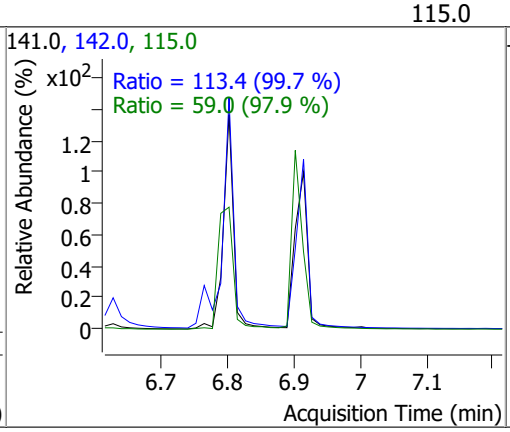


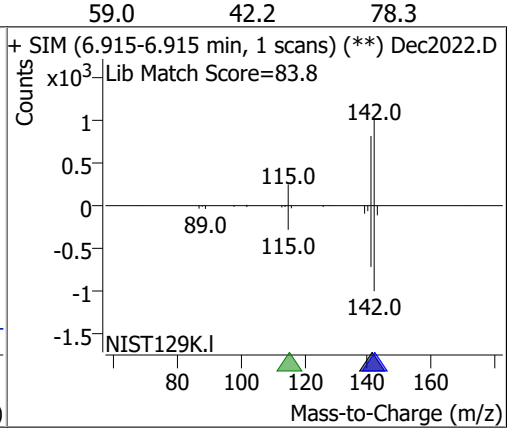



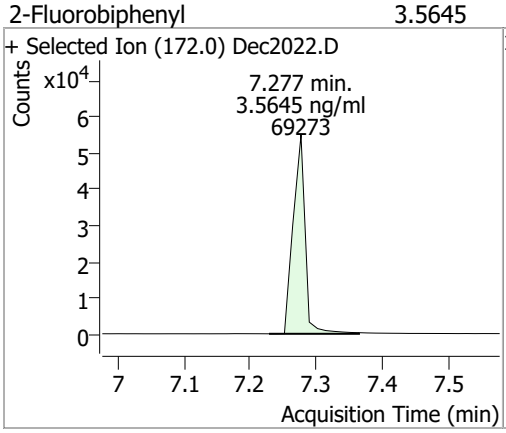
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | 3.5614 | 6.91 | 0.00 | 43394 (m) | 142.0 | 113.4 | 79.6 | 147.8 |
| | | | | | 115.0 | 59.0 | 42.2 | 78.3 |

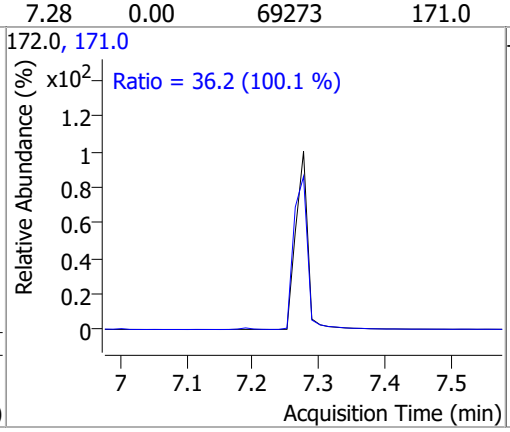


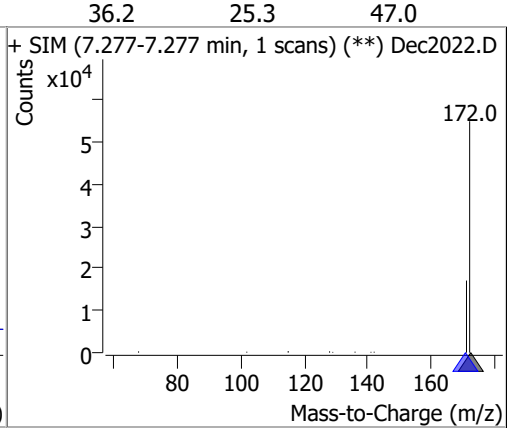



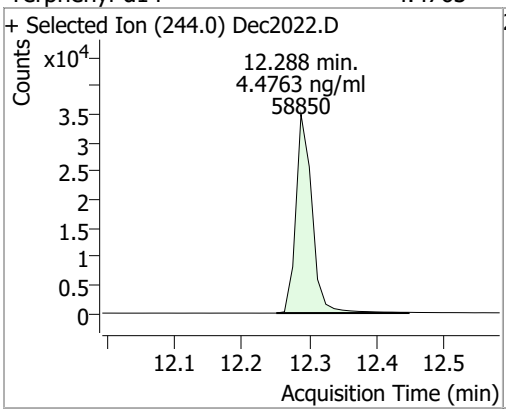

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 3.5645 | 7.28 | 0.00 | 69273 | 171.0 | 36.2 | 25.3 | 47.0 |

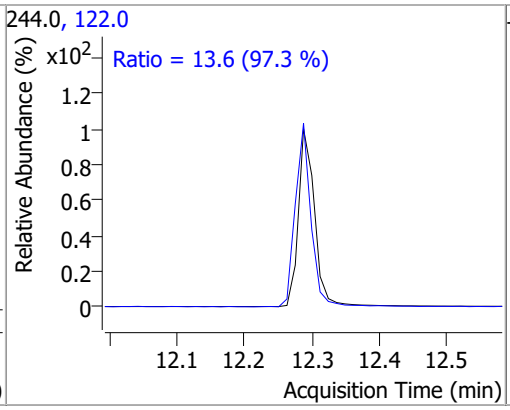


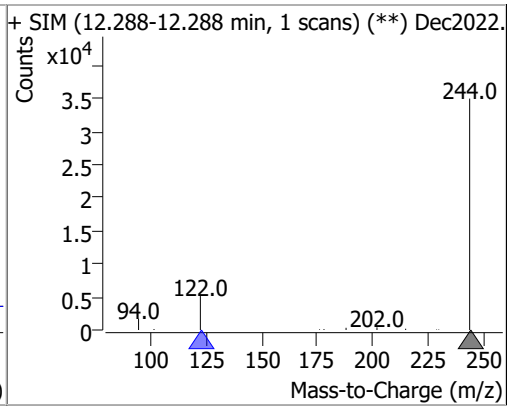




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 4.4763 | 12.29 | 0.00 | 58850 | 122.0 | 13.6 | 9.8 | 18.2 |

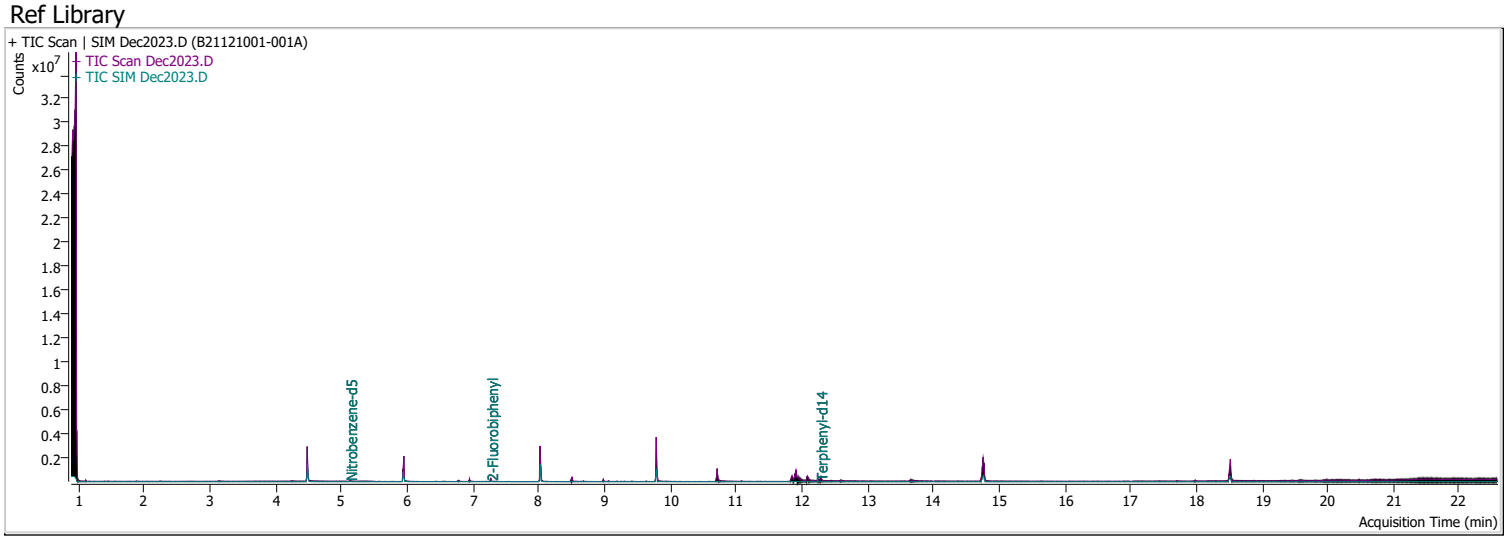


# Quantitation Results Report (QT Reviewed)

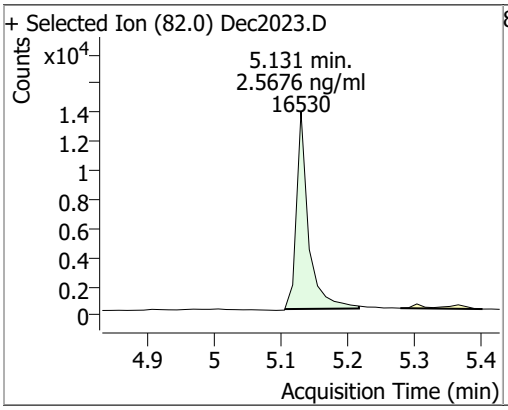
| | | | |
|---|---|---|---|
| Data File | Dec2023.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/21/2021 3:30:01 AM |
| Sample Name | B21121001-001A | Instrument | GCMS |
| Vial | 23 | Multiplier | 1.00 |
| DA Method File | | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122021 bna SIM 1.batch.bin | Last Calib Update | 12/21/2021 8:40:59 AM |
| Ref Library | | | |

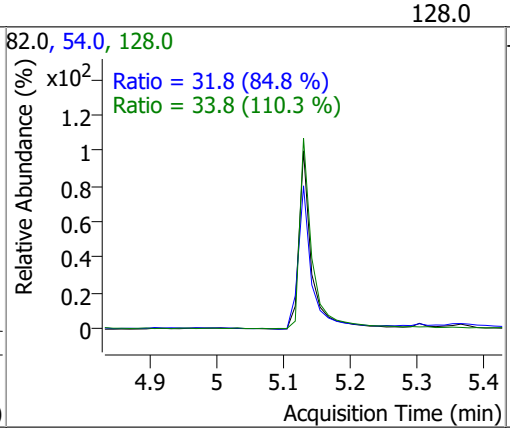


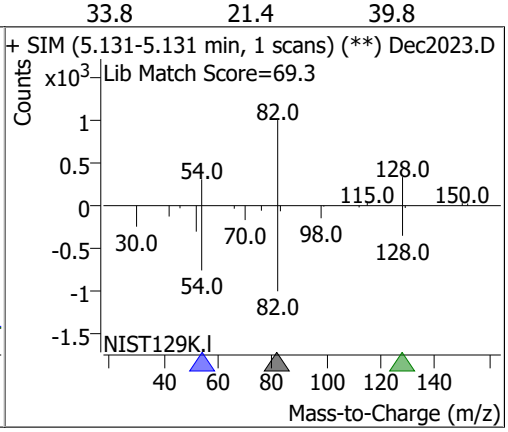

| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| **System Monitoring Compounds** | | | | | | |
| S Nitrobenzene-d5 | 5.131 | 82.0 | 16530 | 2.5676 | ng/ml | 0.000 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 51.35% | | |
| S 2-Fluorobiphenyl | 7.277 | 172.0 | 68338 | 3.4826 | ng/ml | 0.000 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 69.65% | | |
| S Terphenyl-d14 | 12.288 | 244.0 | 62057 | 4.2288 | ng/ml | 0.000 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 84.58% | | |
| **Target Compounds** | | | | | | QValue |
| T Naphthalene | 0.000 | | 0 | N.D. | | |
| T 2-Methylnaphthalene | 0.000 | | 0 | N.D. | | |
| T 1-Methylnaphthalene | 0.000 | | 0 | N.D. | | |

**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

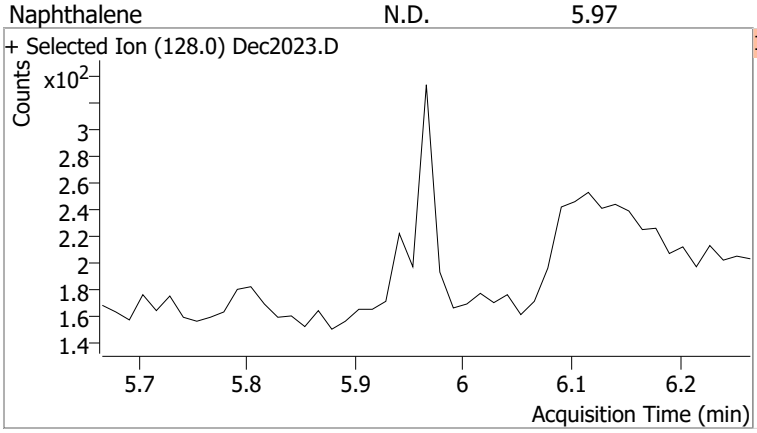
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 2.5676 | 5.13 | 0.00 | 16530 | 54.0 | 31.8 | 26.3 | 48.8 |
| | | | | | 128.0 | 33.8 | 21.4 | 39.8 |

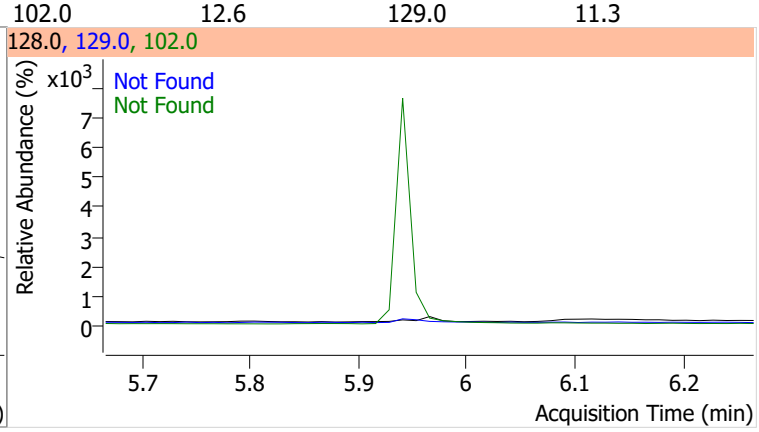


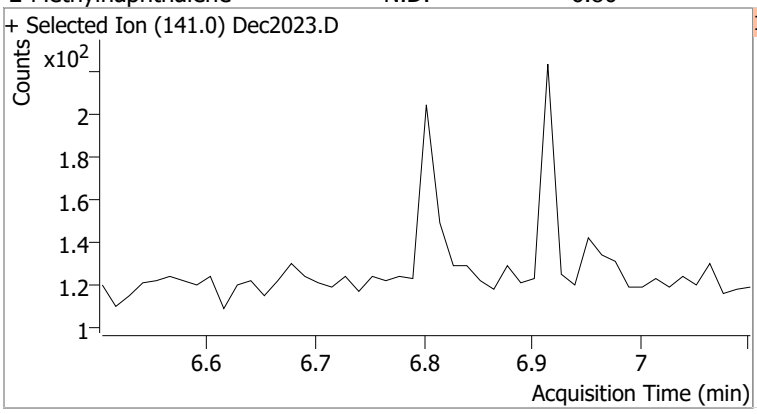



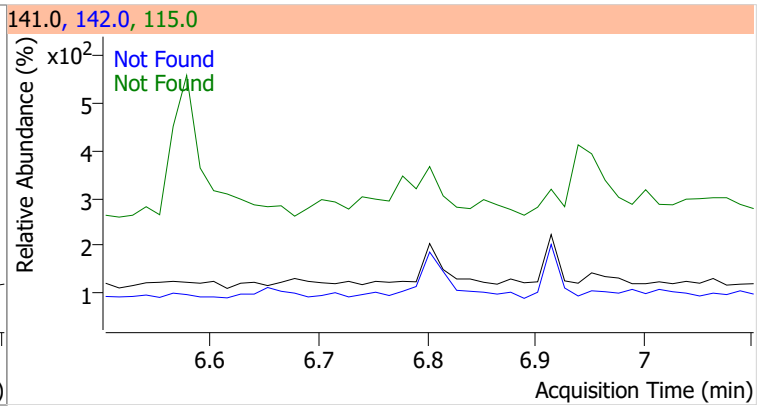

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| Naphthalene | N.D. | 5.97 | 102.0 | 12.6 | 129.0 | 11.3 |



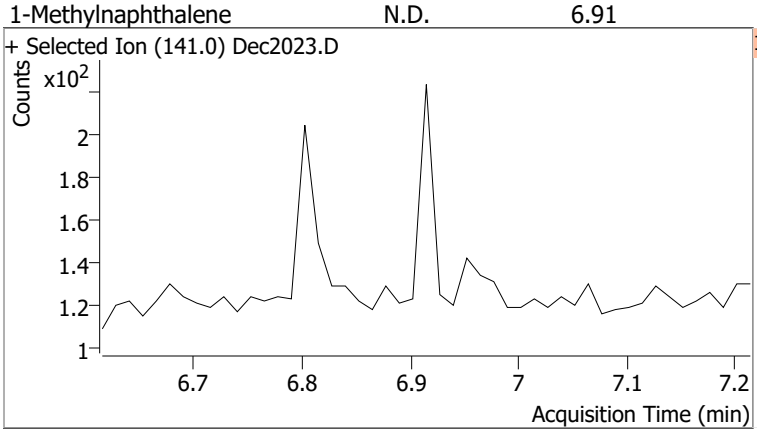



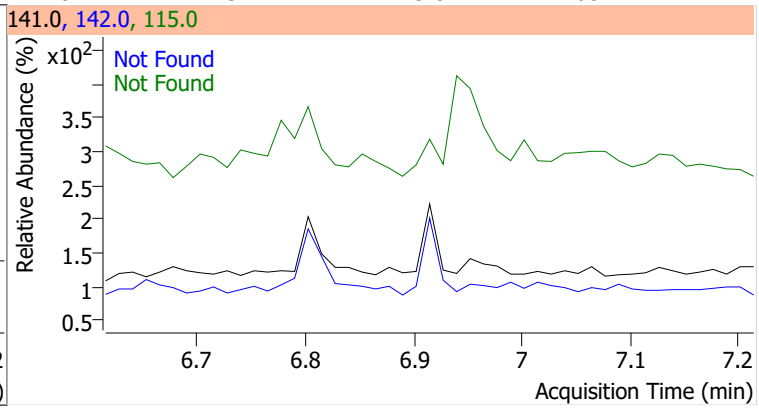

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | N.D. | 6.80 | 142.0 | 131.0 | 115.0 | 54.4 |



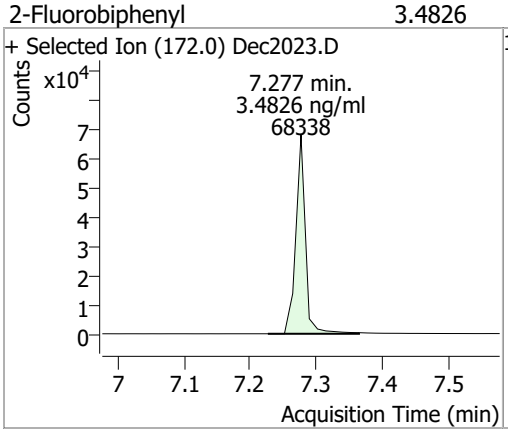



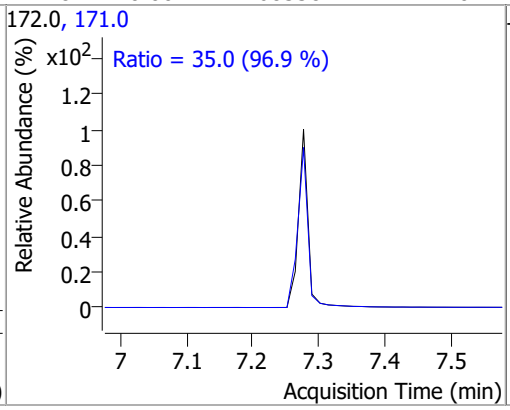

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | N.D. | 6.91 | 142.0 | 113.7 | 115.0 | 60.2 |

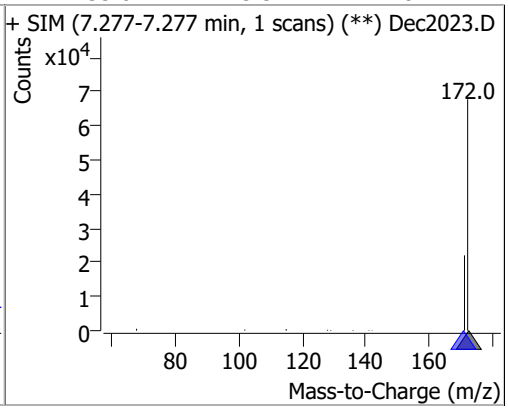


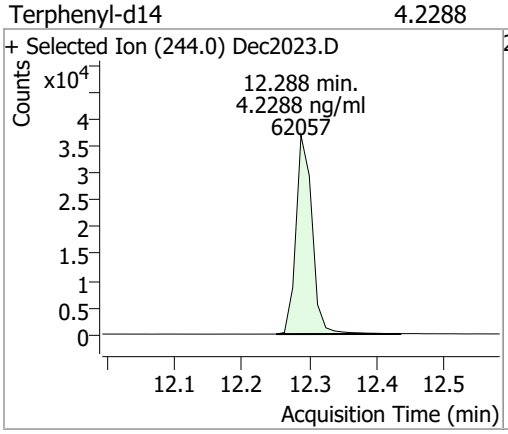
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 3.4826 | 7.28 | 0.00 | 68338 | 171.0 | 35.0 | 25.3 | 47.0 |

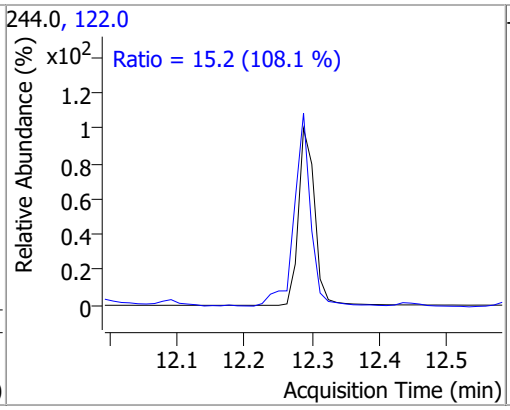


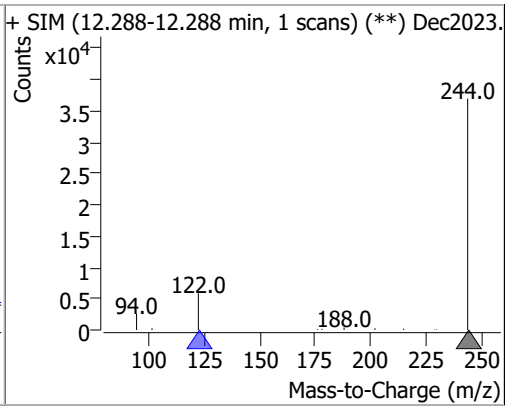




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 4.2288 | 12.29 | 0.00 | 62057 | 122.0 | 15.2 | 9.8 | 18.2 |

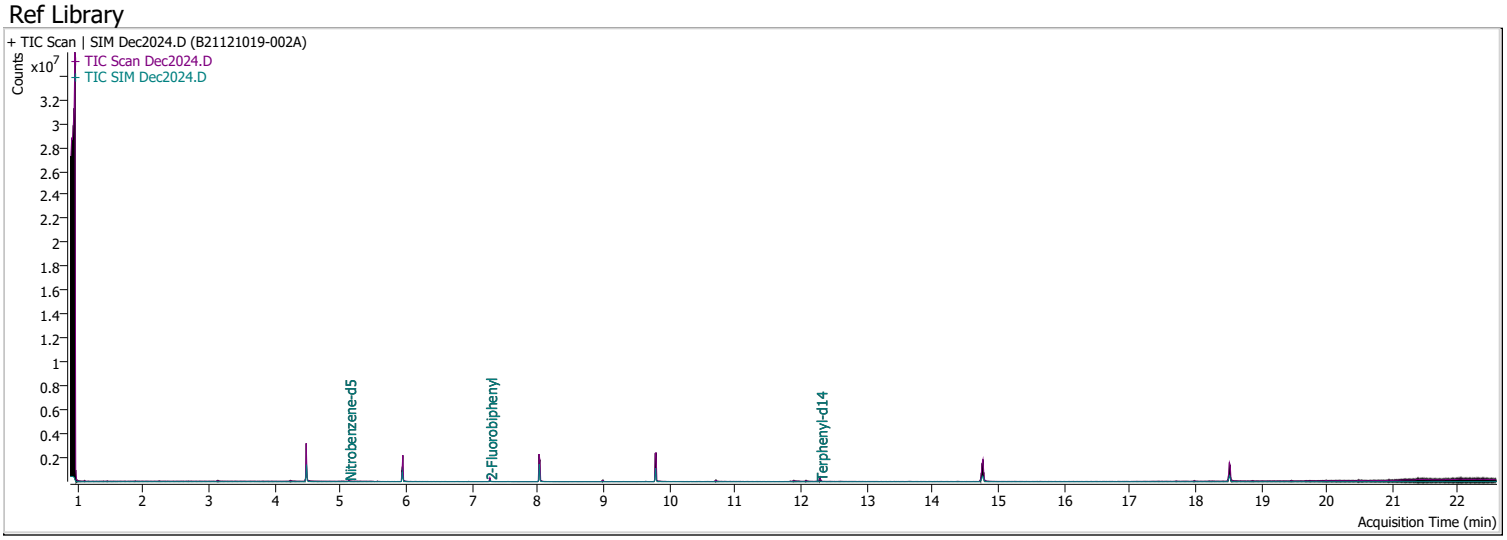


# Quantitation Results Report (QT Reviewed)

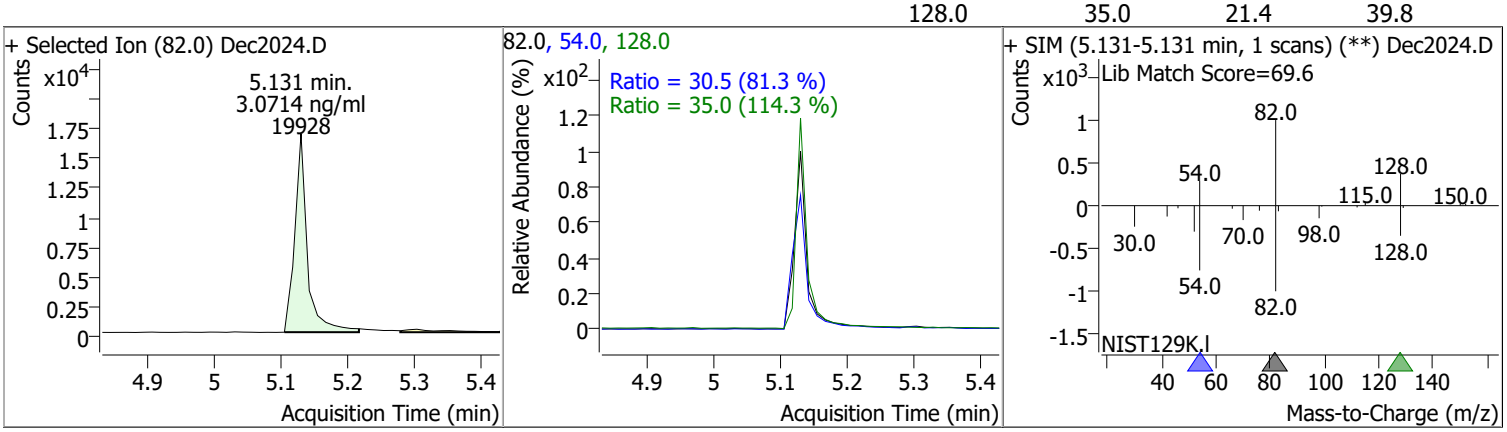
| | | | |
|---|---|---|---|
| Data File | Dec2024.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/21/2021 4:02:22 AM |
| Sample Name | B21121019-002A | Instrument | GCMS |
| Vial | 24 | Multiplier | 1.00 |
| DA Method File | | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122021 bna SIM 1.batch.bin | Last Calib Update | 12/21/2021 8:40:59 AM |
| Ref Library | | | |



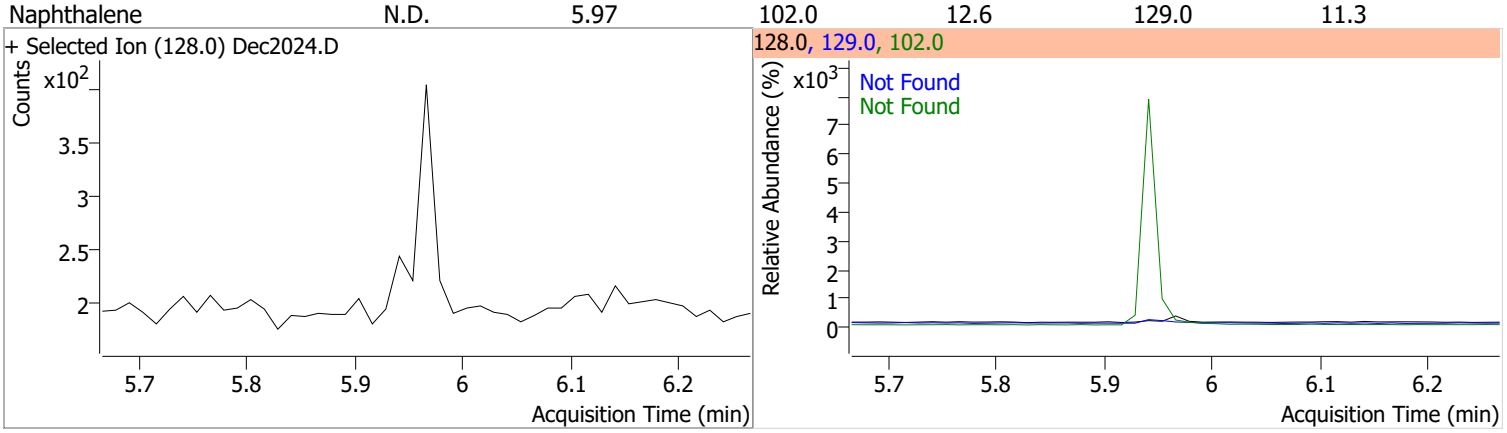

| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| **System Monitoring Compounds** | | | | | | |
| S Nitrobenzene-d5 | 5.131 | 82.0 | 19928 | 3.0714 | ng/ml | 0.000 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 61.43% | | |
| S 2-Fluorobiphenyl | 7.277 | 172.0 | 79107 | 4.2409 | ng/ml | 0.000 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 84.82% | | |
| S Terphenyl-d14 | 12.300 | 244.0 | 62006 | 4.5782 | ng/ml | 0.012 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 91.56% | | |
| **Target Compounds** | | | | | | QValue |
| T Naphthalene | 0.000 | | 0 | N.D. | | |
| T 2-Methylnaphthalene | 0.000 | | 0 | N.D. | | |
| T 1-Methylnaphthalene | 0.000 | | 0 | N.D. | | |

**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

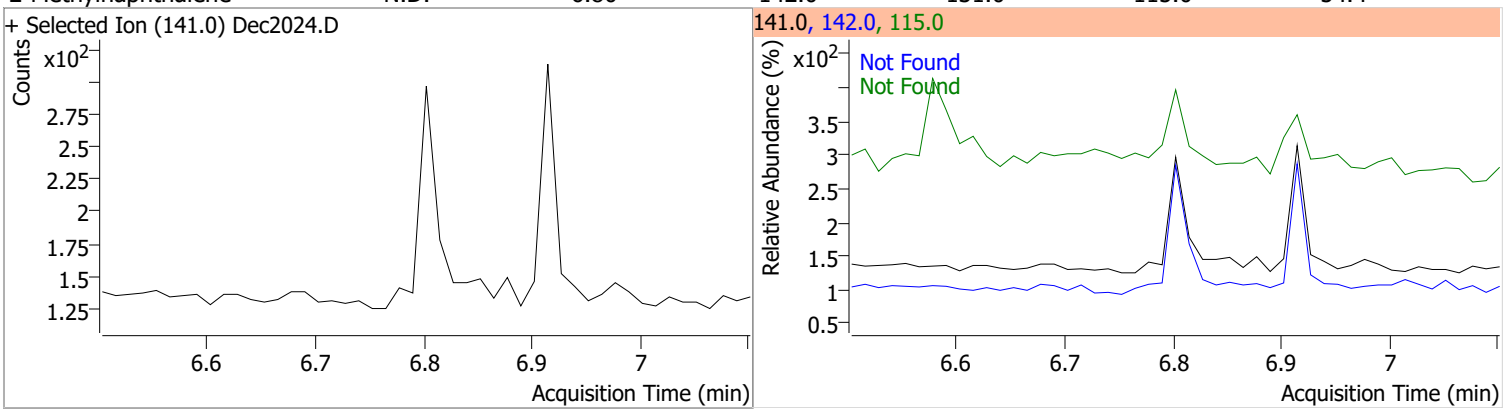
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 3.0714 | 5.13 | 0.00 | 19928 | 54.0 | 30.5 | 26.3 | 48.8 |
| | | | | | 128.0 | 35.0 | 21.4 | 39.8 |



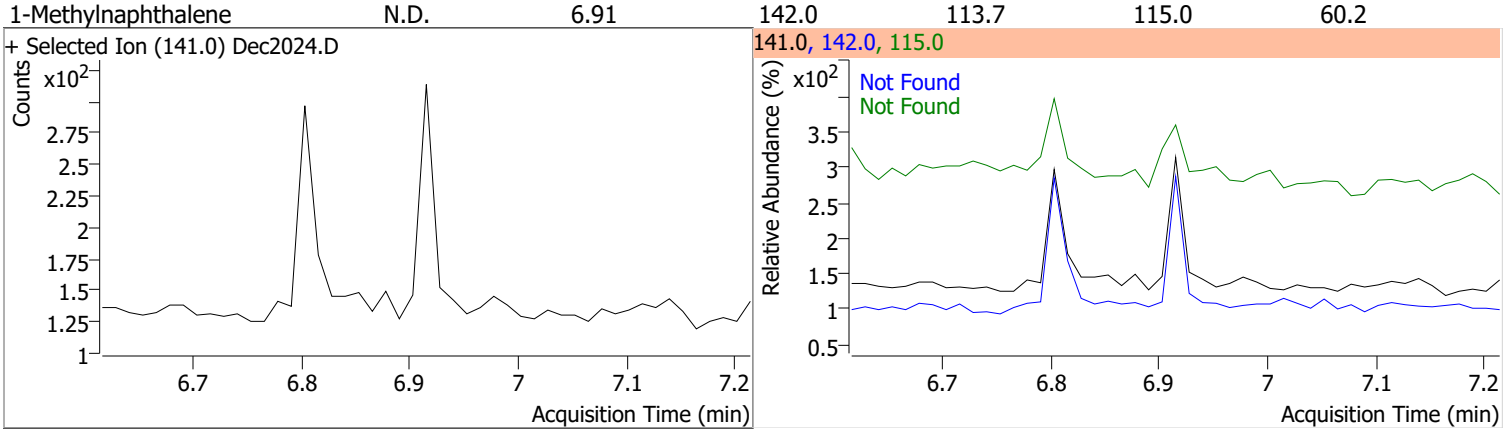

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| Naphthalene | N.D. | 5.97 | 102.0 | 12.6 | 129.0 | 11.3 |



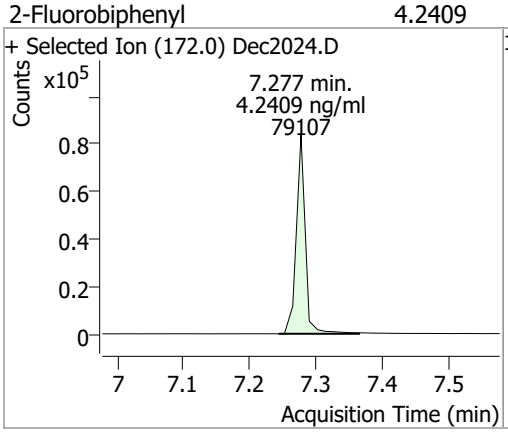

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | N.D. | 6.80 | 142.0 | 131.0 | 115.0 | 54.4 |

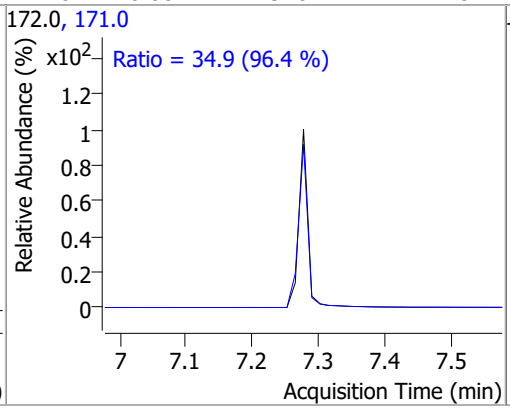


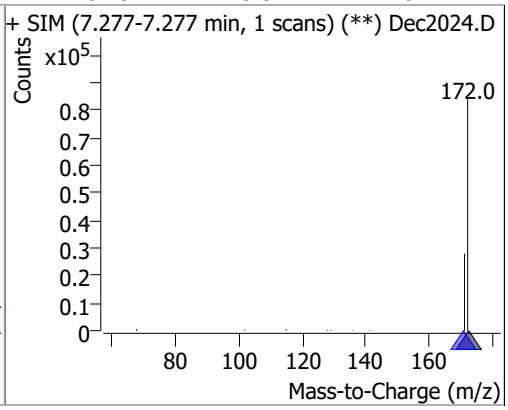

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | N.D. | 6.91 | 142.0 | 113.7 | 115.0 | 60.2 |



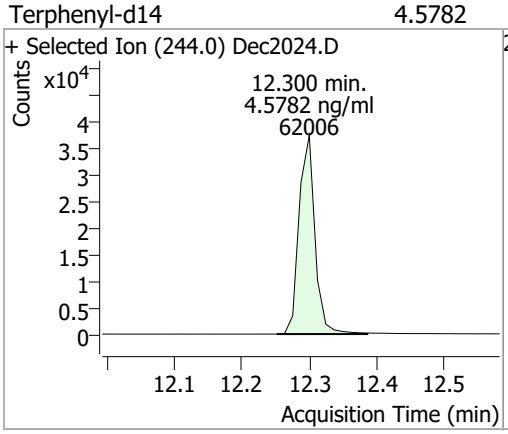
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 4.2409 | 7.28 | 0.00 | 79107 | 171.0 | 34.9 | 25.3 | 47.0 |

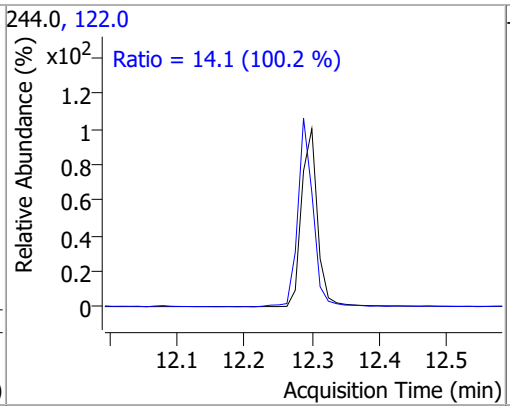


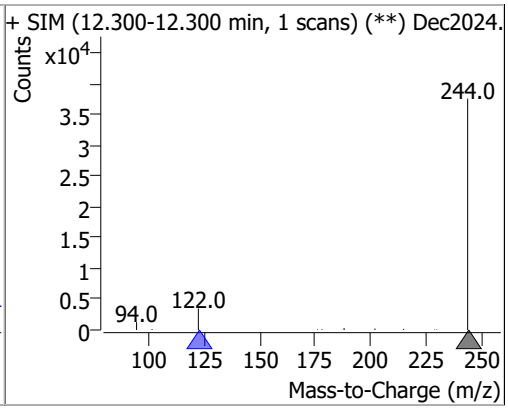




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 4.5782 | 12.30 | 0.01 | 62006 | 122.0 | 14.1 | 9.8 | 18.2 |

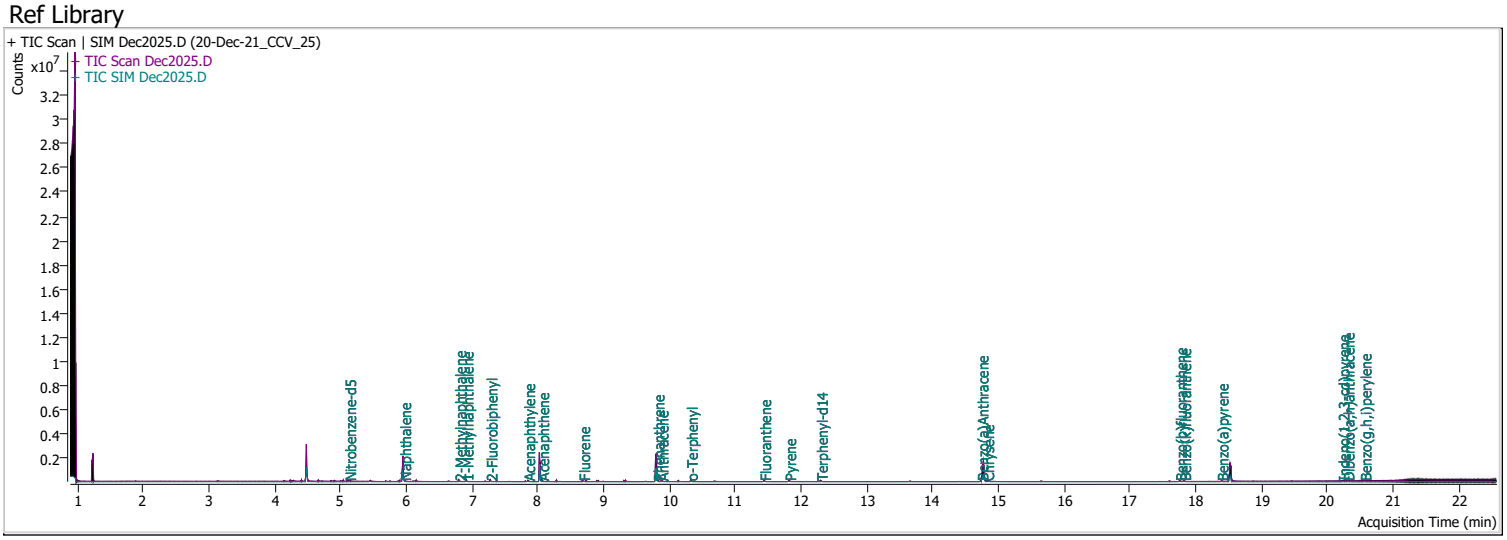


# Quantitation Results Report (QT Reviewed)

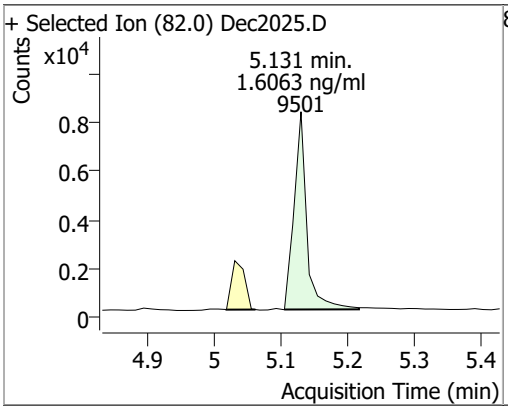
| | | | |
|---|---|---|---|
| Data File | Dec2025.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/21/2021 4:34:54 AM |
| Sample Name | 20-Dec-21_CCV_25 | Instrument | GCMS |
| Vial | 25 | Multiplier | 1.00 |
| DA Method File | | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122021 bna SIM 1.batch.bin | Last Calib Update | 12/21/2021 8:40:59 AM |
| Ref Library | | | |

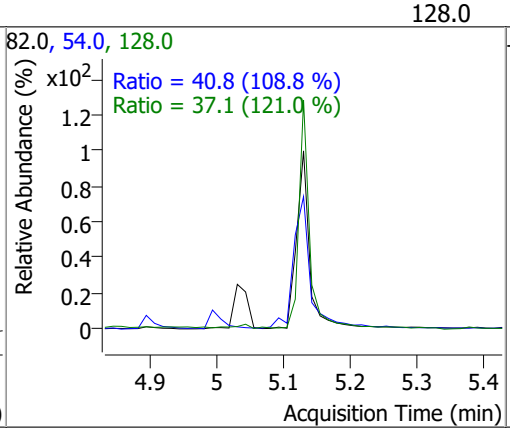


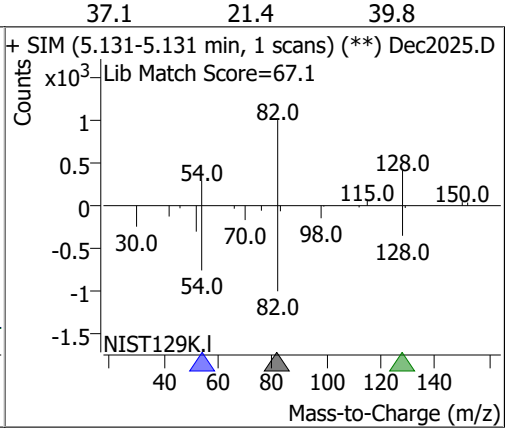

| Compound | RT | QIon | Resp. | Conc. | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| **System Monitoring Compounds** | | | | | | | |
| S Nitrobenzene-d5 | 5.131 | 82.0 | 9501 | 1.6063 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 32.13% | | | |
| S 2-Fluorobiphenyl | 7.277 | 172.0 | 41599 | 2.2236 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 44.47% | | | |
| S Terphenyl-d14 | 12.300 | 244.0 | 22770 | 1.7799 | ng/ml | | 0.012 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 35.60% | | * | |
| **Target Compounds** | | | | | | | **QValue** |
| T Naphthalene | 5.966 | 128.0 | 47467 | 2.4710 | ng/ml | | 97 |
| T 2-Methylnaphthalene | 6.802 | 141.0 | 27745 | 2.3755 | ng/ml | | 89 |
| T 1-Methylnaphthalene | 6.915 | 141.0 | 25998 | 2.2809 | ng/ml | | 96 |

**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

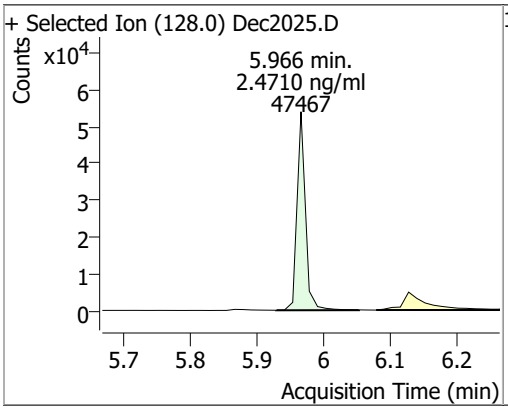
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 1.6063 | 5.13 | 0.00 | 9501 | 54.0 | 40.8 | 26.3 | 48.8 |
| | | | | | 128.0 | 37.1 | 21.4 | 39.8 |

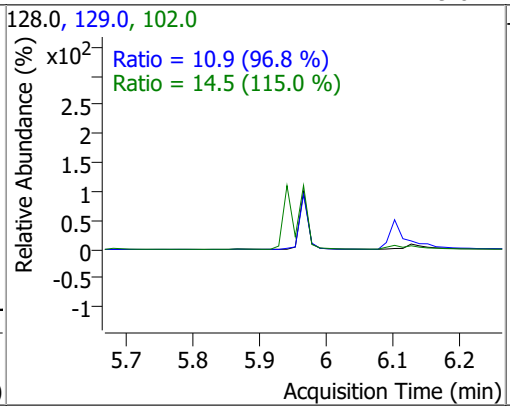


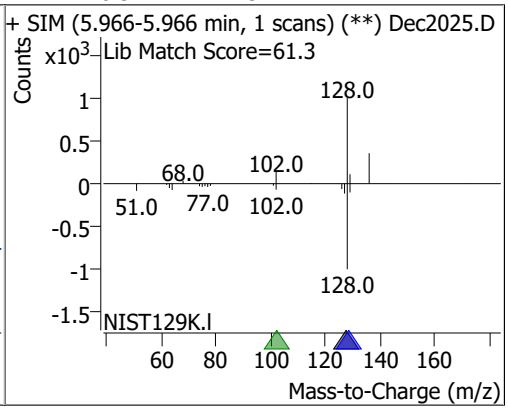



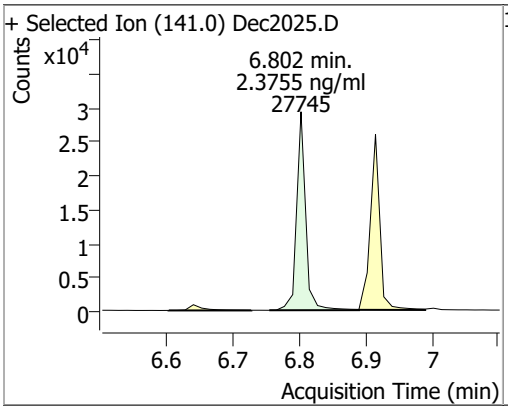

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Naphthalene | 2.4710 | 5.97 | 0.00 | 47467 | 102.0 | 14.5 | 0.0 | 37.7 |
| | | | | | 129.0 | 10.9 | 7.9 | 14.7 |

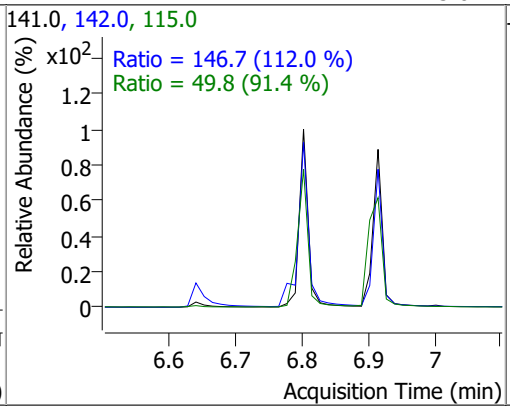


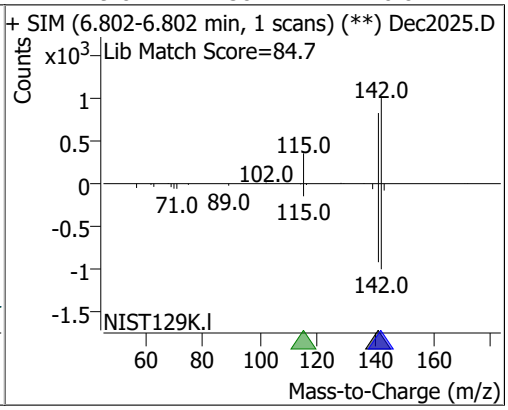



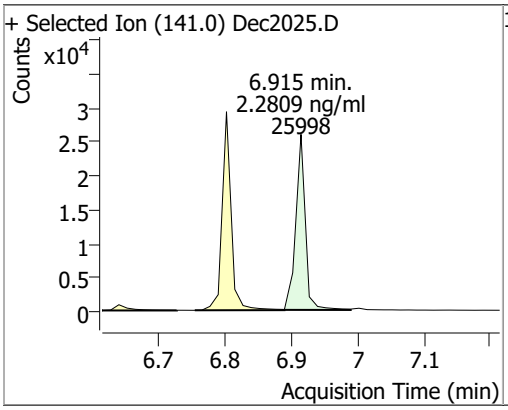

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 2.3755 | 6.80 | 0.00 | 27745 | 142.0 | 146.7 | 91.7 | 170.2 |
| | | | | | 115.0 | 49.8 | 38.1 | 70.8 |

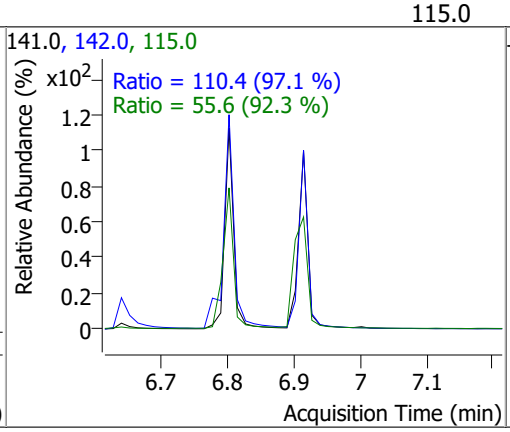


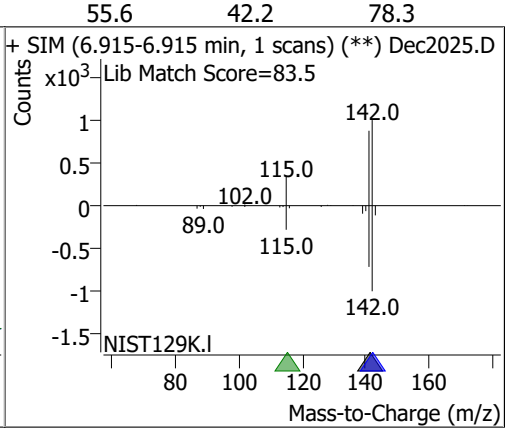



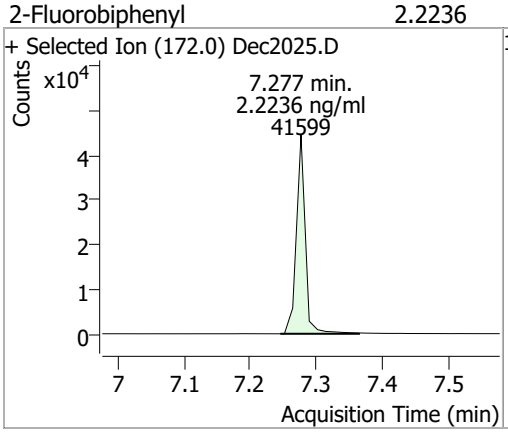
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | 2.2809 | 6.91 | 0.00 | 25998 | 142.0 | 110.4 | 79.6 | 147.8 |
| | | | | | 115.0 | 55.6 | 42.2 | 78.3 |

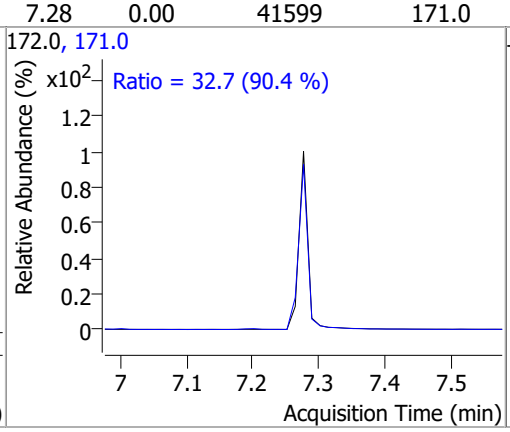


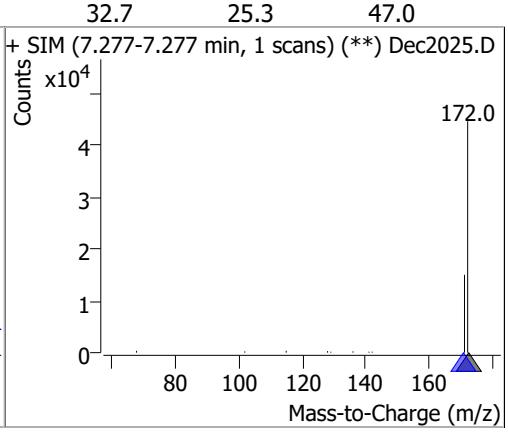



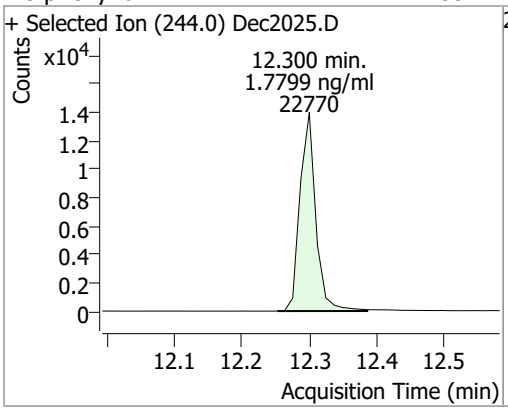

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 2.2236 | 7.28 | 0.00 | 41599 | 171.0 | 32.7 | 25.3 | 47.0 |

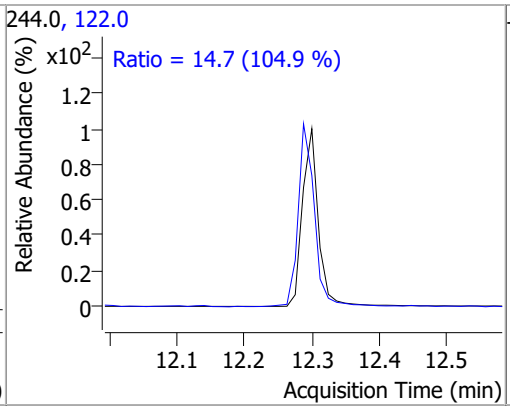


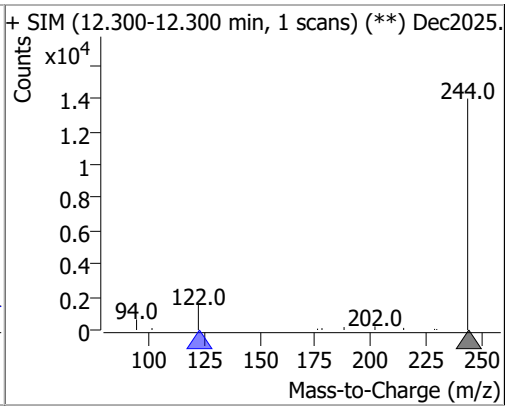




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 1.7799 | 12.30 | 0.01 | 22770 | 122.0 | 14.7 | 9.8 | 18.2 |



# Continuing Calibration Report

Agilent | Trusted Answers

**Batch Name** \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\QuantResults\122021 bna SIM 1.batch.bin
**Method File**
**Daily CC** \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIMDec2025.D

| Level name | Injection Time | Calibration Files | |
|---|---|---|---|
| 7 | 12/20/2021 4:06:47 PM | \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2002.D | |
| 6 | 12/20/2021 4:39:23 PM | \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2003.D | |
| 5 | 12/20/2021 5:12:01 PM | \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2004.D | |
| 4 | 12/20/2021 5:44:45 PM | \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2005.D | |
| 3 | 12/20/2021 6:17:20 PM | \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2006.D | |
| 2 | 12/20/2021 6:50:00 PM | \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2007.D | |
| 1 | 12/20/2021 7:22:32 PM | \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2008.D | |
| CCV | 12/21/2021 4:34:54 AM | \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2025.D | <====== |

| ISTD Compound: | Avg Resp | Mid Resp | CC Resp | Area% | A/M |
|---|---|---|---|---|---|
| 1,4-Dichlorobenzene-d4 | 390123 | 398641 | 437710 | 109.80 | M |
| Naphthalene-d8 | 758376 | 774684 | 715536 | 92.36 | M |
| Acenaphthene-d10 | 465605 | 459222 | 470703 | 102.50 | M |
| Chrysene-d12 | 657596 | 665532 | 688198 | 103.41 | M |

| Target Compound | AvgRF/R2 | CC RF | Exp. Conc | Calc. Conc | %Dev | Area% | Curve Fit |
|---|---|---|---|---|---|---|---|
| 1,4-Dichlorobenzene-d4 | ----------ISTD---------- | | | | | | |
| Nitrobenzene-d5 | 0.9992 | 0.4341 | 2.00 | 1.61 | 19.68 | 91.20 | Quadratic |
| Naphthalene-d8 | ----------ISTD---------- | | | | | | |
| Naphthalene | 0.9990 | 1.3267 | 2.00 | 2.47 | -23.55 # | 112.03 | Quadratic |
| 2-Methylnaphthalene | 0.9985 | 0.7755 | 2.00 | 2.38 | -18.78 | 109.45 | Quadratic |
| 1-Methylnaphthalene | 0.9994 | 0.7267 | 2.00 | 2.28 | -14.05 | 105.97 | Quadratic |
| Acenaphthene-d10 | ----------ISTD---------- | | | | | | |
| 2-Fluorobiphenyl | 0.9995 | 1.7675 | 2.00 | 2.22 | -11.18 | 109.23 | Quadratic |
| Chrysene-d12 | ----------ISTD---------- | | | | | | |
| Terphenyl-d14 | 0.7435 | 0.6617 | 2.00 | 1.78 | -11.00 | 98.73 | Avg RF |

**A -- against Average; M -- against Mid Point; P -- against Previous CC in the Method;**

**Batch name and path:** \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\QuantResults\122021 bna SIM 1.batch.bin
**Quant batch version:** 10.0
**Quant reporting version:** 10.0

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdNewBatchTable | BL2000\jheine | 12/20/2021 3:59:57 PM | Create new batch \\MASSHUNTER\Org\Data\SV5975.I\sh 122021\1 e8270d bna SIM\122021 bna SIM 1.batch.bin | | | ✓ | |
| CmdImportSamplesFro mWorklist | BL2000\jheine | 12/20/2021 4:00:02 PM | Add samples from worklist: \\MASSHUNTER\Org\Data\SV5975.I\sh 122021\1 e8270d bna SIM\Dec2001.D | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/20/2021 4:00:09 PM | Set SampleType = TuneCheck for sample Dec2001.D; previous value = Sample | | | ✓ | |
| CmdSaveBatchTable | BL2000\jheine | 12/20/2021 4:00:48 PM | Save batch \\MASSHUNTER\Org\Data\SV5975.I\sh 122021\1 e8270d bna SIM\QuantResults\122021 bna SIM 1.batch.bin | | | ✓ | |
| CmdSaveBatchTable | BL2000\jheine | 12/20/2021 4:49:35 PM | Save batch \\MASSHUNTER\Org\Data\SV5975.I\sh 122021\1 e8270d bna SIM\QuantResults\122021 bna SIM 1.batch.bin | | | ✓ | |
| CmdOpenBatchTable | BL2000\jheine | 12/21/2021 8:22:03 AM | Open batch \\MASSHUNTER\Org\Data\SV5975.I\sh 122021\1 e8270d bna SIM\122021 bna SIM 1.batch.bin | | | ✓ | |
| CmdImportSamplesFro mWorklist | BL2000\jheine | 12/21/2021 8:22:36 AM | Add samples from worklist: \\MASSHUNTER\Org\Data\SV5975.I\sh 122021\1 e8270d bna SIM\Dec2009.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122021\1 e8270d bna SIM\Dec2008.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122021\1 e8270d bna SIM\Dec2007.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122021\1 e8270d bna SIM\Dec2006.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122021\1 e8270d bna SIM\Dec2005.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122021\1 e8270d bna SIM\Dec2004.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122021\1 e8270d bna SIM\Dec2003.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122021\1 e8270d bna SIM\Dec2002.D | | | ✓ | |
| CmdStartMethodEditing | BL2000\jheine | 12/21/2021 8:25:21 AM | Start method editing | | | ✓ | |
| CmdImportMethodFrom Batch | BL2000\jheine | 12/21/2021 8:25:22 AM | Import method from batch \\MASSHUNTER\Org\Data\SV5975.I\sh 121421\2 e8270d bna SIM\121421 bna SIM 2.batch.bin | | | ✓ | |
| CmdApplyMethodToAllS amples | BL2000\jheine | 12/21/2021 8:25:56 AM | Apply method to all samples | | | ✓ | |
| CmdMethodClear | BL2000\jheine | 12/21/2021 8:25:56 AM | Clear method | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdEndMethodEditing | BL2000\jheine | 12/21/2021 8:25:57 AM | End method editing | | | ✓ | |
| CmdQuantitate | BL2000\jheine | 12/21/2021 8:26:02 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/21/2021 8:26:31 AM | Set SampleType = Calibration for sample Dec2002.D; previous value = Sample | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/21/2021 8:26:33 AM | Set SampleType = Calibration for sample Dec2003.D; previous value = Sample | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/21/2021 8:26:35 AM | Set SampleType = Calibration for sample Dec2004.D; previous value = Sample | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/21/2021 8:26:37 AM | Set SampleType = Calibration for sample Dec2005.D; previous value = Sample | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/21/2021 8:26:40 AM | Set SampleType = Calibration for sample Dec2006.D; previous value = Sample | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/21/2021 8:26:42 AM | Set SampleType = Calibration for sample Dec2007.D; previous value = Sample | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/21/2021 8:26:45 AM | Set SampleType = Calibration for sample Dec2008.D; previous value = Sample | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/21/2021 8:26:48 AM | Set SampleType = QC for sample Dec2009.D; previous value = Sample | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/21/2021 8:26:51 AM | Set LevelName = ICV for sample Dec2009.D; previous value = | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/21/2021 8:26:53 AM | Set LevelName = 1 for sample Dec2008.D; previous value = | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/21/2021 8:26:56 AM | Set LevelName = 2 for sample Dec2007.D; previous value = | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/21/2021 8:26:59 AM | Set LevelName = 3 for sample Dec2006.D; previous value = | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/21/2021 8:27:02 AM | Set LevelName = 4 for sample Dec2005.D; previous value = | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/21/2021 8:27:05 AM | Set LevelName = 5 for sample Dec2004.D; previous value = | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/21/2021 8:27:08 AM | Set LevelName = 6 for sample Dec2003.D; previous value = | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/21/2021 8:27:11 AM | Set LevelName = 7 for sample Dec2002.D; previous value = | | | ✓ | |
| CmdQuantitate | BL2000\jheine | 12/21/2021 8:27:14 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdQuantitate | BL2000\jheine | 12/21/2021 8:27:38 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 8:28:16 AM | Zero out primary peak of compound Naphthalene in sample Dec2004.D | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdClearManualIntegration | BL2000\jheine | 12/21/2021 8:28:19 AM | Clear manual integration of target signal for compound Naphthalene in sample Dec2004.D | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\jheine | 12/21/2021 8:28:25 AM | Manually integrate qualifier129.0 of compound Naphthalene in sample Dec2004.D from x, y = 5.928, 536 to 6.028, 949; result = 1357 | | | ✓ | |
| CmdManuallyIntegrateSnapBaseline | BL2000\jheine | 12/21/2021 8:28:26 AM | Snap baseline for qualifier 129.0 of compound Naphthalene in sample Dec2004.D from x = 5.928 to x = 6.028, new integration is from x, y = 5.928, 170 to 6.028, 188 and new response = 4734; previous integration is from x, y = 5.928, 536 to 6.028, 949 and previous response = 1357. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/21/2021 8:28:27 AM | Drop baseline for qualifier 129.0 of compound Naphthalene in sample Dec2004.D to y = 170, new integration is from x, y = 5.928, 170 to 6.028, 170 and new response = 4788; previous integration is from x, y = 5.928, 170 to 6.028, 188 and previous response = 4734. | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\jheine | 12/21/2021 8:28:31 AM | Manually integrate qualifier 102.0 of compound Naphthalene in sample Dec2004.D, from x, y = 5.953, 960 to 6.053, 113, result = 2788; previous integration is from x, y = 5.916, 113 to 6.053, 113 and previous response = 12159. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/21/2021 8:28:32 AM | Drop baseline for qualifier 102.0 of compound Naphthalene in sample Dec2004.D to y = 113, new integration is from x, y = 5.953, 113 to 6.053, 113 and new response = 5327; previous integration is from x, y = 5.953, 960 to 6.053, 113 and previous response = 2788. | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\jheine | 12/21/2021 8:28:51 AM | Manually integrate qualifier167.0 of compound Fluorene in sample Dec2004.D from x, y = 8.655, 115 to 8.711, 1140; result = 3223 | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/21/2021 8:28:53 AM | Drop baseline for qualifier 167.0 of compound Fluorene in sample Dec2004.D to y = 115, new integration is from x, y = 8.655, 115 to 8.711, 115 and new response = 4937; previous integration is from x, y = 8.655, 115 to 8.711, 1140 and previous response = 3223. | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdUpdateRetentionTimes | BL2000\jheine | 12/21/2021 8:29:26 AM | Update retention time for compound Perylene-d12; Chrysene-d12; Phenanthrene-d10; Acenaphthene-d10; Naphthalene-d8; 1,4-Dichlorobenzene-d4; o-Terphenyl; Terphenyl-d14; 2-Fluorobiphenyl; Nitrobenzene-d5; Dibenzo(a,h)anthracene; Indeno(1,2,3-cd)pyrene; Benzo(a)pyrene; Benzo(k)fluoranthene; Benzo(b)fluoranthene; Chrysene; Benzo(a)Anthracene; Pyrene; Fluoranthene; Anthracene; Phenanthrene; Fluorene; Acenaphthene; Acenaphthylene; 1-Methylnaphthalene; 2-Methylnaphthalene; Naphthalene; Benzo(g,h,i)perylene; | | | ✓ | |
| CmdQuantitate | BL2000\jheine | 12/21/2021 8:29:41 AM | Quantitate all compounds in all samples | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdUpdateQualifierRatios | BL2000\jheine | 12/21/2021 8:30:28 AM | Update qualifier ratios for compound Perylene-d12; Update qualifier ratios for compound Chrysene-d12; Update qualifier ratios for compound Phenanthrene-d10; Update qualifier ratios for compound Acenaphthene-d10; Update qualifier ratios for compound Naphthalene-d8; Update qualifier ratios for compound 1,4-Dichlorobenzene-d4; Update qualifier ratios for compound o-Terphenyl; Update qualifier ratios for compound Terphenyl-d14; Update qualifier ratios for compound 2-Fluorobiphenyl; Update qualifier ratios for compound Nitrobenzene-d5; Update qualifier ratios for compound Dibenzo(a,h)anthracene; Update qualifier ratios for compound Indeno(1,2,3-cd)pyrene; Update qualifier ratios for compound Benzo(a)pyrene; Update qualifier ratios for compound Benzo(k)fluoranthene; Update qualifier ratios for compound Benzo(b)fluoranthene; Update qualifier ratios for compound Chrysene; Update qualifier ratios for compound Benzo(a)Anthracene; Update qualifier ratios for compound Pyrene; Update qualifier ratios for compound Fluoranthene; Update qualifier ratios for compound Anthracene; Update qualifier ratios for compound Phenanthrene; Update qualifier ratios for compound Fluorene; Update qualifier ratios for compound Acenaphthene; Update qualifier ratios for compound Acenaphthylene; Update qualifier ratios for compound 1-Methylnaphthalene; Update qualifier ratios for compound 2-Methylnaphthalene; Update qualifier ratios for compound Naphthalene; Update qualifier ratios for compound Benzo(g,h,i)perylene; | | | ✓ | |
| CmdQuantitate | BL2000\jheine | 12/21/2021 8:30:37 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSaveBatchTable | BL2000\jheine | 12/21/2021 8:30:40 AM | Save batch \\MASSHUNTER\Org\Data\SV5975.I\sh 122021\1 e8270d bna SIM\QuantResults\122021 bna SIM 1.batch.bin | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdManuallyIntegrateSplit | BL2000\jheine | 12/21/2021 8:31:32 AM | Split qualifier 102.0 of compound Naphthalene in sample Dec2002.D and keep left peak, new integration is from x, y = 5.916, 171.972278911565 to 6.041, 171.972278911565 and new response = 39239, previous integration is from x, y = 5.916, 172 to 6.116, 172 and previous response = 47206. | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\jheine | 12/21/2021 8:32:08 AM | Manually integrate qualifier 277.0 of compound Benzo(g,h,i)perylene in sample Dec2002.D, from x, y = 20.513, 3638 to 20.686, 7199, result = 709; previous integration is from x, y = 20.529, 2264 to 20.620, 2112 and previous response = 36990. | | | ✓ | |
| CmdManuallyIntegrateSnapBaseline | BL2000\jheine | 12/21/2021 8:32:10 AM | Snap baseline for qualifier 277.0 of compound Benzo(g,h,i)perylene in sample Dec2002.D from x = 20.513 to x = 20.686, new integration is from x, y = 20.513, 468 to 20.686, 1077 and new response = 48931; previous integration is from x, y = 20.513, 3638 to 20.686, 7199 and previous response = 709. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/21/2021 8:32:10 AM | Drop baseline for qualifier 277.0 of compound Benzo(g,h,i)perylene in sample Dec2002.D to y = 468, new integration is from x, y = 20.513, 468 to 20.686, 468 and new response = 52091; previous integration is from x, y = 20.513, 468 to 20.686, 1077 and previous response = 48931. | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/21/2021 8:33:02 AM | Manually integrate compound Acenaphthene in sample Dec2003.D, from x, y = 8.038, 8645 to 8.138, 171, result = 42814; previous integration is from x, y = 8.001, 178 to 8.138, 171 and previous response = 69959. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/21/2021 8:33:04 AM | Drop baseline for compound Acenaphthene in sample Dec2003.D to y = 171, new integration is from x, y = 8.038, 171 to 8.138, 171 and new response = 68159; previous integration is from x, y = 8.038, 8645 to 8.138, 171 and previous response = 42814. | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:33:05 AM | Set UserAnnotation = CO for compound Acenaphthene in sample Dec2003.D; previous value = | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdManuallyIntegrate QualifierPeak | BL2000\jheine | 12/21/2021 8:33:39 AM | Manually integrate qualifier 102.0 of compound Naphthalene in sample Dec2005.D, from x, y = 5.953, 744 to 6.028, 101, result = 1282; previous integration is from x, y = 5.916, 101 to 6.028, 101 and previous response = 8411. | | | ✓ | |
| CmdManuallyIntegrate DropBaseline | BL2000\jheine | 12/21/2021 8:33:40 AM | Drop baseline for qualifier 102.0 of compound Naphthalene in sample Dec2005.D to y = 101, new integration is from x, y = 5.953, 101 to 6.028, 101 and new response = 2728; previous integration is from x, y = 5.953, 744 to 6.028, 101 and previous response = 1282. | | | ✓ | |
| CmdManuallyIntegrate QualifierPeak | BL2000\jheine | 12/21/2021 8:33:50 AM | Manually integrate qualifier 142.0 of compound 2-Methylnaphthalene in sample Dec2005.D, from x, y = 6.777, 2582 to 6.890, 3251, result = -1136; previous integration is from x, y = 6.604, 107 to 6.752, 107 and previous response = 3608. | | | ✓ | |
| CmdManuallyIntegrateSnapBaseline | BL2000\jheine | 12/21/2021 8:33:52 AM | Snap baseline for qualifier 142.0 of compound 2-Methylnaphthalene in sample Dec2005.D from x = 6.777 to x = 6.890, new integration is from x, y = 6.777, 1439 to 6.890, 355 and new response = 12484; previous integration is from x, y = 6.777, 2582 to 6.890, 3251 and previous response = -1136. | | | ✓ | |
| CmdManuallyIntegrate DropBaseline | BL2000\jheine | 12/21/2021 8:33:52 AM | Drop baseline for qualifier 142.0 of compound 2-Methylnaphthalene in sample Dec2005.D to y = 355, new integration is from x, y = 6.777, 355 to 6.890, 355 and new response = 16139; previous integration is from x, y = 6.777, 1439 to 6.890, 355 and previous response = 12484. | | | ✓ | |
| CmdManuallyIntegrateSplit | BL2000\jheine | 12/21/2021 8:33:58 AM | Split qualifier 142.0 of compound 1-Methylnaphthalene in sample Dec2005.D and keep right peak, new integration is from x, y = 6.890, 107.497619047619 to 7.002, 107.497619047619 and new response = 14700, previous integration is from x, y = 6.752, 107 to 7.002, 107 and previous response = 34050. | | | ✓ | |
| CmdManuallyIntegrate QualifierPeak | BL2000\jheine | 12/21/2021 8:35:33 AM | Manually integrate qualifier 102.0 of compound Naphthalene in sample Dec2006.D, from x, y = 5.953, 373 to 6.028, 98, result = 973; previous integration is from x, y = 5.916, 98 to 6.028, 98 and previous response = 6501. | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/21/2021 8:35:34 AM | Drop baseline for qualifier 102.0 of compound Naphthalene in sample Dec2006.D to y = 98, new integration is from x, y = 5.953, 98 to 6.028, 98 and new response = 1592; previous integration is from x, y = 5.953, 373 to 6.028, 98 and previous response = 973. | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/21/2021 8:35:41 AM | Manually integrate compound 1-Methylnaphthalene in sample Dec2006.D, from x, y = 6.890, 539 to 7.027, 1132, result = 715; previous integration is from x, y = 6.765, 132 to 6.890, 132 and previous response = 6639. | | | ✓ | |
| CmdManuallyIntegrateSnapBaseline | BL2000\jheine | 12/21/2021 8:35:42 AM | Snap baseline for compound 1-Methylnaphthalene in sample Dec2006.D, from x = 6.890 to x = 7.027, new integration is from x, y = 6.890, 201 to 7.027, 179 and new response = 6035; previous integration is from x, y = 6.890, 539 to 7.027, 1132 and previous response = 715. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/21/2021 8:35:42 AM | Drop baseline for compound 1-Methylnaphthalene in sample Dec2006.D to y = 179, new integration is from x, y = 6.890, 179 to 7.027, 179 and new response = 6126; previous integration is from x, y = 6.890, 201 to 7.027, 179 and previous response = 6035. | | | ✓ | |
| CmdManuallyIntegrateSplit | BL2000\jheine | 12/21/2021 8:36:18 AM | Split peak for compound Nitrobenzene-d5 in sample Dec2007.D and keep left peak, new integration is from x, y = 5.108, 245.261341347904 to 5.278, 244.104759651724 and new response = 787, previous integration is from x, y = 5.108, 245 to 5.278, 244 and previous response = 787. | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\jheine | 12/21/2021 8:36:29 AM | Manually integrate qualifier 129.0 of compound Naphthalene in sample Dec2007.D, from x, y = 5.953, 170 to 6.041, 131, result = 438; previous integration is from x, y = 5.906, 131 to 6.041, 131 and previous response = 703. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/21/2021 8:36:30 AM | Drop baseline for qualifier 129.0 of compound Naphthalene in sample Dec2007.D to y = 131, new integration is from x, y = 5.953, 131 to 6.041, 131 and new response = 540; previous integration is from x, y = 5.953, 170 to 6.041, 131 and previous response = 438. | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdManuallyIntegrate QualifierPeak | BL2000\jheine | 12/21/2021 8:36:33 AM | Manually integrate qualifier 102.0 of compound Naphthalene in sample Dec2007.D, from x, y = 5.953, 284 to 6.028, 95, result = 617; previous integration is from x, y = 5.916, 95 to 6.028, 95 and previous response = 6121. | | | ✓ | |
| CmdManuallyIntegrate DropBaseline | BL2000\jheine | 12/21/2021 8:36:34 AM | Drop baseline for qualifier 102.0 of compound Naphthalene in sample Dec2007.D to y = 95, new integration is from x, y = 5.953, 95 to 6.028, 95 and new response = 1042; previous integration is from x, y = 5.953, 284 to 6.028, 95 and previous response = 617. | | | ✓ | |
| CmdManuallyIntegrateP eak | BL2000\jheine | 12/21/2021 8:36:41 AM | Manually integrate compound 1-Methylnaphthalene in sample Dec2007.D, from x, y = 6.890, 380 to 7.015, 487, result = 531; previous integration is from x, y = 6.768, 131 to 6.890, 131 and previous response = 2794. | | | ✓ | |
| CmdManuallyIntegrateS napBaseline | BL2000\jheine | 12/21/2021 8:36:43 AM | Snap baseline for compound 1-Methylnaphthalene in sample Dec2007.D, from x = 6.890 to x = 7.015, new integration is from x, y = 6.890, 169 to 7.015, 144 and new response = 2605; previous integration is from x, y = 6.890, 380 to 7.015, 487 and previous response = 531. | | | ✓ | |
| CmdManuallyIntegrate DropBaseline | BL2000\jheine | 12/21/2021 8:36:43 AM | Drop baseline for compound 1-Methylnaphthalene in sample Dec2007.D to y = 144, new integration is from x, y = 6.890, 144 to 7.015, 144 and new response = 2699; previous integration is from x, y = 6.890, 169 to 7.015, 144 and previous response = 2605. | | | ✓ | |
| CmdManuallyIntegrate QualifierPeak | BL2000\jheine | 12/21/2021 8:36:52 AM | Manually integrate qualifier153.0 of compound Acenaphthylene in sample Dec2007.D from x, y = 7.826, 417 to 7.888, 653; result = -1118 | | | ✓ | |
| CmdManuallyIntegrateS napBaseline | BL2000\jheine | 12/21/2021 8:36:53 AM | Snap baseline for qualifier 153.0 of compound Acenaphthylene in sample Dec2007.D from x = 7.826 to x = 7.888, new integration is from x, y = 7.826, 88 to 7.888, 113 and new response = 508; previous integration is from x, y = 7.826, 417 to 7.888, 653 and previous response = -1118. | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/21/2021 8:36:53 AM | Drop baseline for qualifier 153.0 of compound Acenaphthylene in sample Dec2007.D to y = 88, new integration is from x, y = 7.826, 88 to 7.888, 88 and new response = 554; previous integration is from x, y = 7.826, 88 to 7.888, 113 and previous response = 508. | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/21/2021 8:36:59 AM | Manually integrate compound Acenaphthene in sample Dec2007.D, from x, y = 8.038, 178 to 8.200, 87, result = 2525; previous integration is from x, y = 7.989, 87 to 8.200, 87 and previous response = 4889. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/21/2021 8:37:00 AM | Drop baseline for compound Acenaphthene in sample Dec2007.D to y = 87, new integration is from x, y = 8.038, 87 to 8.200, 87 and new response = 2967; previous integration is from x, y = 8.038, 178 to 8.200, 87 and previous response = 2525. | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:37:02 AM | Set UserAnnotation = CO for compound Acenaphthene in sample Dec2007.D; previous value = | | | ✓ | |
| CmdClearManualIntegration | BL2000\jheine | 12/21/2021 8:37:09 AM | Clear manual integration of target signal for compound 1-Methylnaphthalene in sample Dec2007.D | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/21/2021 8:37:13 AM | Manually integrate compound 1-Methylnaphthalene in sample Dec2007.D, from x, y = 6.890, 363 to 7.015, 577, result = 257; previous integration is from x, y = 6.768, 131 to 6.890, 131 and previous response = 2794. | | | ✓ | |
| CmdManuallyIntegrateSnapBaseline | BL2000\jheine | 12/21/2021 8:37:14 AM | Snap baseline for compound 1-Methylnaphthalene in sample Dec2007.D, from x = 6.890 to x = 7.015, new integration is from x, y = 6.890, 169 to 7.015, 144 and new response = 2605; previous integration is from x, y = 6.890, 363 to 7.015, 577 and previous response = 257. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/21/2021 8:37:15 AM | Drop baseline for compound 1-Methylnaphthalene in sample Dec2007.D to y = 144, new integration is from x, y = 6.890, 144 to 7.015, 144 and new response = 2699; previous integration is from x, y = 6.890, 169 to 7.015, 144 and previous response = 2605. | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:37:16 AM | Set UserAnnotation = NI for compound 1-Methylnaphthalene in sample Dec2007.D; previous value = | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:37:17 AM | Set UserAnnotation = NI for compound 1-Methylnaphthalene in sample Dec2007.D; previous value = NI | | | ✓ | |
| CmdManuallyIntegrateSplit | BL2000\jheine | 12/21/2021 8:37:28 AM | Split qualifier 176.0 of compound Phenanthrene in sample Dec2007.D and keep left peak, new integration is from x, y = 9.769, 70.983979301948 to 9.854, 70.983979301948 and new response = 1092, previous integration is from x, y = 9.769, 71 to 9.904, 71 and previous response = 1822. | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\jheine | 12/21/2021 8:37:36 AM | Manually integrate qualifier176.0 of compound Anthracene in sample Dec2007.D from x, y = 9.854, 117 to 9.941, 179; result = 402 | | | ✓ | |
| CmdManuallyIntegrateSnapBaseline | BL2000\jheine | 12/21/2021 8:37:37 AM | Snap baseline for qualifier 176.0 of compound Anthracene in sample Dec2007.D from x = 9.854 to x = 9.941, new integration is from x, y = 9.854, 88 to 9.941, 88 and new response = 715; previous integration is from x, y = 9.854, 117 to 9.941, 179 and previous response = 402. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/21/2021 8:37:37 AM | Drop baseline for qualifier 176.0 of compound Anthracene in sample Dec2007.D to y = 88, new integration is from x, y = 9.854, 88 to 9.941, 88 and new response = 715; previous integration is from x, y = 9.854, 88 to 9.941, 88 and previous response = 715. | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\jheine | 12/21/2021 8:38:09 AM | Manually integrate qualifier 54.0 of compound Nitrobenzene-d5 in sample Dec2008.D, from x, y = 5.095, 133 to 5.168, 159, result = 84; previous integration is from x, y = 5.095, 133 to 5.237, 135 and previous response = 170. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/21/2021 8:38:10 AM | Drop baseline for qualifier 54.0 of compound Nitrobenzene-d5 in sample Dec2008.D to y = 133, new integration is from x, y = 5.095, 133 to 5.168, 133 and new response = 140; previous integration is from x, y = 5.095, 133 to 5.168, 159 and previous response = 84. | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\jheine | 12/21/2021 8:38:20 AM | Manually integrate qualifier 129.0 of compound Naphthalene in sample Dec2008.D, from x, y = 5.953, 156 to 6.016, 122, result = 269; previous integration is from x, y = 5.929, 122 to 6.016, 122 and previous response = 424. | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/21/2021 8:38:21 AM | Drop baseline for qualifier 129.0 of compound Naphthalene in sample Dec2008.D to y = 122, new integration is from x, y = 5.953, 122 to 6.016, 122 and new response = 333; previous integration is from x, y = 5.953, 156 to 6.016, 122 and previous response = 269. | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\jheine | 12/21/2021 8:38:25 AM | Manually integrate qualifier 102.0 of compound Naphthalene in sample Dec2008.D, from x, y = 5.953, 223 to 6.016, 91, result = 497; previous integration is from x, y = 5.916, 91 to 6.016, 91 and previous response = 5603. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/21/2021 8:38:26 AM | Drop baseline for qualifier 102.0 of compound Naphthalene in sample Dec2008.D to y = 91, new integration is from x, y = 5.953, 91 to 6.016, 91 and new response = 745; previous integration is from x, y = 5.953, 223 to 6.016, 91 and previous response = 497. | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/21/2021 8:38:33 AM | Manually integrate compound 1-Methylnaphthalene in sample Dec2008.D, from x, y = 6.890, 228 to 7.002, 265, result = 727; previous integration is from x, y = 6.765, 118 to 6.890, 118 and previous response = 1596. | | | ✓ | |
| CmdManuallyIntegrateSnapBaseline | BL2000\jheine | 12/21/2021 8:38:34 AM | Snap baseline for compound 1-Methylnaphthalene in sample Dec2008.D, from x = 6.890 to x = 7.002, new integration is from x, y = 6.890, 137 to 7.002, 126 and new response = 1503; previous integration is from x, y = 6.890, 228 to 7.002, 265 and previous response = 727. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/21/2021 8:38:35 AM | Drop baseline for compound 1-Methylnaphthalene in sample Dec2008.D to y = 126, new integration is from x, y = 6.890, 126 to 7.002, 126 and new response = 1540; previous integration is from x, y = 6.890, 137 to 7.002, 126 and previous response = 1503. | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:38:37 AM | Set UserAnnotation = NI for compound 1-Methylnaphthalene in sample Dec2008.D; previous value = | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\jheine | 12/21/2021 8:38:43 AM | Manually integrate qualifier 153.0 of compound Acenaphthylene in sample Dec2008.D, from x, y = 7.826, 208 to 7.901, 258, result = -301; previous integration is from x, y = 8.038, 86 to 8.187, 86 and previous response = 2005. | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdManuallyIntegrateSnapBaseline | BL2000\jheine | 12/21/2021 8:38:44 AM | Snap baseline for qualifier 153.0 of compound Acenaphthylene in sample Dec2008.D from x = 7.826 to x = 7.901, new integration is from x, y = 7.826, 86 to 7.901, 91 and new response = 347; previous integration is from x, y = 7.826, 208 to 7.901, 258 and previous response = -301. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/21/2021 8:38:45 AM | Drop baseline for qualifier 153.0 of compound Acenaphthylene in sample Dec2008.D to y = 86, new integration is from x, y = 7.826, 86 to 7.901, 86 and new response = 358; previous integration is from x, y = 7.826, 86 to 7.901, 91 and previous response = 347. | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/21/2021 8:38:51 AM | Manually integrate compound Acenaphthene in sample Dec2008.D, from x, y = 8.038, 153 to 8.113, 81, result = 1641; previous integration is from x, y = 7.982, 81 to 8.113, 81 and previous response = 3865. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/21/2021 8:38:53 AM | Drop baseline for compound Acenaphthene in sample Dec2008.D to y = 81, new integration is from x, y = 8.038, 81 to 8.113, 81 and new response = 1801; previous integration is from x, y = 8.038, 153 to 8.113, 81 and previous response = 1641. | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:38:54 AM | Set UserAnnotation = CO for compound Acenaphthene in sample Dec2008.D; previous value = | | | ✓ | |
| CmdManuallyIntegrateSplit | BL2000\jheine | 12/21/2021 8:39:01 AM | Split qualifier 176.0 of compound Phenanthrene in sample Dec2008.D and keep left peak, new integration is from x, y = 9.768, 70.0407407407407 to 9.854, 70.0407407407407 and new response = 656, previous integration is from x, y = 9.768, 70 to 9.904, 70 and previous response = 1109. | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\jheine | 12/21/2021 8:39:07 AM | Manually integrate qualifier176.0 of compound Anthracene in sample Dec2008.D from x, y = 9.854, 113 to 9.941, 144; result = 194 | | | ✓ | |
| CmdManuallyIntegrateSnapBaseline | BL2000\jheine | 12/21/2021 8:39:09 AM | Snap baseline for qualifier 176.0 of compound Anthracene in sample Dec2008.D from x = 9.854 to x = 9.941, new integration is from x, y = 9.854, 75 to 9.941, 73 and new response = 476; previous integration is from x, y = 9.854, 113 to 9.941, 144 and previous response = 194. | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/21/2021 8:39:10 AM | Drop baseline for qualifier 176.0 of compound Anthracene in sample Dec2008.D to y = 73, new integration is from x, y = 9.854, 73 to 9.941, 73 and new response = 481; previous integration is from x, y = 9.854, 75 to 9.941, 73 and previous response = 476. | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\jheine | 12/21/2021 8:39:44 AM | Manually integrate qualifier 102.0 of compound Naphthalene in sample Dec2009.D, from x, y = 5.953, 1176 to 6.053, 97, result = 2366; previous integration is from x, y = 5.907, 97 to 6.053, 97 and previous response = 12928. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/21/2021 8:39:45 AM | Drop baseline for qualifier 102.0 of compound Naphthalene in sample Dec2009.D to y = 97, new integration is from x, y = 5.953, 97 to 6.053, 97 and new response = 5600; previous integration is from x, y = 5.953, 1176 to 6.053, 97 and previous response = 2366. | | | ✓ | |
| CmdManuallyIntegrateSplit | BL2000\jheine | 12/21/2021 8:39:50 AM | Split peak for compound 2-Methylnaphthalene in sample Dec2009.D and keep left peak, new integration is from x, y = 6.740, 121.190476190476 to 6.877, 121.190476190476 and new response = 29476, previous integration is from x, y = 6.740, 121 to 7.065, 121 and previous response = 59365. | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:39:54 AM | Set UserAnnotation = CO for compound 2-Methylnaphthalene in sample Dec2009.D; previous value = | | | ✓ | |
| CmdManuallyIntegrateSplit | BL2000\jheine | 12/21/2021 8:39:59 AM | Split peak for compound 1-Methylnaphthalene in sample Dec2009.D and keep right peak, new integration is from x, y = 6.877, 121.190476190476 to 7.065, 121.190476190476 and new response = 29889, previous integration is from x, y = 6.740, 121 to 7.065, 121 and previous response = 59365. | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:40:00 AM | Set UserAnnotation = CO for compound 1-Methylnaphthalene in sample Dec2009.D; previous value = | | | ✓ | |
| CmdManuallyIntegrateSplit | BL2000\jheine | 12/21/2021 8:40:10 AM | Split qualifier 167.0 of compound Fluorene in sample Dec2009.D and keep left peak, new integration is from x, y = 8.650, 97.7799319727891 to 8.823, 97.7799319727891 and new response = 5764, previous integration is from x, y = 8.650, 98 to 8.960, 98 and previous response = 15162. | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdManuallyIntegratePeak | BL2000\jheine | 12/21/2021 8:40:41 AM | Manually integrate compound Benzo(g,h,i)perylene in sample Dec2009.D, from x, y = 20.526, 1903 to 20.711, 3105, result = 10920; previous integration is from x, y = 20.529, 1016 to 20.644, 892 and previous response = 28788. | | | ✓ | |
| CmdManuallyIntegrateSnapBaseline | BL2000\jheine | 12/21/2021 8:40:42 AM | Snap baseline for compound Benzo(g,h,i)perylene in sample Dec2009.D, from x = 20.526 to x = 20.711, new integration is from x, y = 20.526, 289 to 20.711, 492 and new response = 34422; previous integration is from x, y = 20.526, 1903 to 20.711, 3105 and previous response = 10920. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/21/2021 8:40:43 AM | Drop baseline for compound Benzo(g,h,i)perylene in sample Dec2009.D to y = 289, new integration is from x, y = 20.526, 289 to 20.711, 289 and new response = 35550; previous integration is from x, y = 20.526, 289 to 20.711, 492 and previous response = 34422. | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:40:45 AM | Set UserAnnotation = BA for compound Benzo(g,h,i)perylene in sample Dec2009.D; previous value = | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdCalibrate | BL2000\jheine | 12/21/2021 8:41:00 AM | Replace level ICV with QC sample Dec2009.D for compounds {Dibenzo(a,h)anthracene, Indeno(1,2,3-cd)pyrene, Benzo(a)pyrene, Benzo(k)fluoranthene, Benzo(b)fluoranthene, Chrysene, Benzo(a)Anthracene, Terphenyl-d14, Pyrene, Fluoranthene, o-Terphenyl, Anthracene, Phenanthrene, Fluorene, Acenaphthene, Acenaphthylene, 2-Fluorobiphenyl, 1-Methylnaphthalene, 2-Methylnaphthalene, Naphthalene, Nitrobenzene-d5, Benzo(g,h,i)perylene}; Replace level 1 with Calibration sample Dec2008.D for compounds {Dibenzo(a,h)anthracene, Indeno(1,2,3-cd)pyrene, Benzo(a)pyrene, Benzo(k)fluoranthene, Benzo(b)fluoranthene, Chrysene, Benzo(a)Anthracene, Terphenyl-d14, Pyrene, Fluoranthene, o-Terphenyl, Anthracene, Phenanthrene, Fluorene, Acenaphthene, Acenaphthylene, 2-Fluorobiphenyl, 1-Methylnaphthalene, 2-Methylnaphthalene, Naphthalene, Nitrobenzene-d5, Benzo(g,h,i)perylene}; Replace level 2 with Calibration sample Dec2007.D for compounds {Dibenzo(a,h)anthracene, Indeno(1,2,3-cd)pyrene, Benzo(a)pyrene, Benzo(k)fluoranthene, Benzo(b)fluoranthene, Chrysene, Benzo(a)Anthracene, Terphenyl-d14, Pyrene, Fluoranthene, o-Terphenyl, Anthracene, Phenanthrene, Fluorene, Acenaphthene, Acenaphthylene, 2-Fluorobiphenyl, 1-Methylnaphthalene, 2-Methylnaphthalene, Naphthalene, Nitrobenzene-d5, Benzo(g,h,i)perylene}; Replace level 3 with Calibration sample Dec2006.D for compounds {Dibenzo(a,h)anthracene, Indeno(1,2,3-cd)pyrene, Benzo(a)pyrene, Benzo(k)fluoranthene, Benzo(b)fluoranthene, Chrysene, Benzo(a)Anthracene, Terphenyl-d14, Pyrene, Fluoranthene, o-Terphenyl, Anthracene, Phenanthrene, Fluorene, Acenaphthene, Acenaphthylene, 2-Fluorobiphenyl, 1-Methylnaphthalene, 2-Methylnaphthalene, Naphthalene, Nitrobenzene-d5, Benzo(g,h,i)perylene}; Replace level 4 with Calibration sample Dec2005.D for compounds {Dibenzo(a,h)anthracene, | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| | | | Indeno(1,2,3-cd)pyrene, Benzo(a)pyrene, Benzo(k)fluoranthene, Benzo(b)fluoranthene, Chrysene, Benzo(a)Anthracene, Terphenyl-d14, Pyrene, Fluoranthene, o-Terphenyl, Anthracene, Phenanthrene, Fluorene, Acenaphthene, Acenaphthylene, 2-Fluorobiphenyl, 1-Methylnaphthalene, 2-Methylnaphthalene, Naphthalene, Nitrobenzene-d5, Benzo(g,h,i)perylene}; Replace level 5 with Calibration sample Dec2004.D for compounds {Dibenzo(a,h)anthracene, Indeno(1,2,3-cd)pyrene, Benzo(a)pyrene, Benzo(k)fluoranthene, Benzo(b)fluoranthene, Chrysene, Benzo(a)Anthracene, Terphenyl-d14, Pyrene, Fluoranthene, o-Terphenyl, Anthracene, Phenanthrene, Fluorene, Acenaphthene, Acenaphthylene, 2-Fluorobiphenyl, 1-Methylnaphthalene, 2-Methylnaphthalene, Naphthalene, Nitrobenzene-d5, Benzo(g,h,i)perylene}; Replace level 6 with Calibration sample Dec2003.D for compounds {Dibenzo(a,h)anthracene, Indeno(1,2,3-cd)pyrene, Benzo(a)pyrene, Benzo(k)fluoranthene, Benzo(b)fluoranthene, Chrysene, Benzo(a)Anthracene, Terphenyl-d14, Pyrene, Fluoranthene, o-Terphenyl, Anthracene, Phenanthrene, Fluorene, Acenaphthene, Acenaphthylene, 2-Fluorobiphenyl, 1-Methylnaphthalene, 2-Methylnaphthalene, Naphthalene, Nitrobenzene-d5, Benzo(g,h,i)perylene}; Replace level 7 with Calibration sample Dec2002.D for compounds {Dibenzo(a,h)anthracene, Indeno(1,2,3-cd)pyrene, Benzo(a)pyrene, Benzo(k)fluoranthene, Benzo(b)fluoranthene, Chrysene, Benzo(a)Anthracene, Terphenyl-d14, Pyrene, Fluoranthene, o-Terphenyl, Anthracene, Phenanthrene, Fluorene, Acenaphthene, Acenaphthylene, 2-Fluorobiphenyl, 1-Methylnaphthalene, 2-Methylnaphthalene, Naphthalene, Nitrobenzene-d5, Benzo(g,h,i)perylene}; | | | | |
| CmdQuantitate | BL2000\jheine | 12/21/2021 8:41:07 AM | Quantitate all compounds in all samples | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:41:26 AM | Set CurveFit = fitAverageOfResponseFactors for compound Nitrobenzene-d5 in all samples; previous value = fitQuadratic | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:41:30 AM | Set CurveFit = fitQuadratic for compound Nitrobenzene-d5 in all samples; previous value = fitQuadratic | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:41:34 AM | Set CurveFit = fitQuadratic for compound Naphthalene in all samples; previous value = fitAverageOfResponseFactors | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:41:36 AM | Set CurveFitOrigin = originInclude for compound Naphthalene in all samples; previous value = originIgnore | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:41:37 AM | Set CurveFitWeight = weightOneOverX for compound Naphthalene in all samples; previous value = weightEqual | | | ✓ | |
| CmdQuantitate | BL2000\jheine | 12/21/2021 8:41:42 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:41:48 AM | Set CurveFit = fitQuadratic for compound 2-Methylnaphthalene in all samples; previous value = fitAverageOfResponseFactors | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:41:49 AM | Set CurveFitOrigin = originInclude for compound 2-Methylnaphthalene in all samples; previous value = originIgnore | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:41:51 AM | Set CurveFitWeight = weightOneOverX for compound 2-Methylnaphthalene in all samples; previous value = weightEqual | | | ✓ | |
| CmdQuantitate | BL2000\jheine | 12/21/2021 8:41:55 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:42:01 AM | Set CurveFit = fitQuadratic for compound 1-Methylnaphthalene in all samples; previous value = fitAverageOfResponseFactors | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:42:03 AM | Set CurveFitOrigin = originInclude for compound 1-Methylnaphthalene in all samples; previous value = originIgnore | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:42:04 AM | Set CurveFitWeight = weightOneOverX for compound 1-Methylnaphthalene in all samples; previous value = weightEqual | | | ✓ | |
| CmdQuantitate | BL2000\jheine | 12/21/2021 8:42:07 AM | Quantitate all compounds in all samples | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdManuallyIntegratePeak | BL2000\jheine | 12/21/2021 8:42:23 AM | Manually integrate compound 1-Methylnaphthalene in sample Dec2009.D, from x, y = 6.877, 404 to 6.990, 230, result = 27761; previous integration is from x, y = 6.877, 121 to 7.065, 121 and previous response = 29889. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/21/2021 8:42:24 AM | Drop baseline for compound 1-Methylnaphthalene in sample Dec2009.D to y = 230, new integration is from x, y = 6.877, 230 to 6.990, 230 and new response = 28348; previous integration is from x, y = 6.877, 404 to 6.990, 230 and previous response = 27761. | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:42:26 AM | Set UserAnnotation = BA for compound 1-Methylnaphthalene in sample Dec2009.D; previous value = CO | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:42:45 AM | Set CurveFitWeight = weightOneOverXSquared for compound Acenaphthene in all samples; previous value = weightOneOverX | | | ✓ | |
| CmdQuantitate | BL2000\jheine | 12/21/2021 8:42:50 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:42:55 AM | Set CurveFit = fitQuadratic for compound Fluorene in all samples; previous value = fitAverageOfResponseFactors | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:42:57 AM | Set CurveFitOrigin = originInclude for compound Fluorene in all samples; previous value = originIgnore | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:42:59 AM | Set CurveFitWeight = weightOneOverX for compound Fluorene in all samples; previous value = weightEqual | | | ✓ | |
| CmdQuantitate | BL2000\jheine | 12/21/2021 8:43:04 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:43:17 AM | Set CurveFit = fitQuadratic for compound Fluoranthene in all samples; previous value = fitAverageOfResponseFactors | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:43:20 AM | Set CurveFitOrigin = originInclude for compound Fluoranthene in all samples; previous value = originIgnore | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:43:22 AM | Set CurveFitWeight = weightOneOverX for compound Fluoranthene in all samples; previous value = weightEqual | | | ✓ | |
| CmdQuantitate | BL2000\jheine | 12/21/2021 8:43:26 AM | Quantitate all compounds in all samples | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:43:34 AM | Set CurveFit = fitQuadratic for compound o-Terphenyl in all samples; previous value = fitAverageOfResponseFactors | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:43:38 AM | Set CurveFitWeight = weightOneOverX for compound o-Terphenyl in all samples; previous value = weightEqual | | | ✓ | |
| CmdQuantitate | BL2000\jheine | 12/21/2021 8:43:43 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:43:47 AM | Set CurveFit = fitAverageOfResponseFactors for compound o-Terphenyl in all samples; previous value = fitAverageOfResponseFactors | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:43:50 AM | Set CurveFitOrigin = originIgnore for compound o-Terphenyl in all samples; previous value = originInclude | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:43:52 AM | Set CurveFitWeight = weightEqual for compound o-Terphenyl in all samples; previous value = weightEqual | | | ✓ | |
| CmdQuantitate | BL2000\jheine | 12/21/2021 8:43:58 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:44:12 AM | Set CurveFit = fitAverageOfResponseFactors for compound Benzo(a)Anthracene in all samples; previous value = fitQuadratic | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:44:15 AM | Set CurveFit = fitQuadratic for compound Benzo(a)Anthracene in all samples; previous value = fitQuadratic | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:44:18 AM | Set CurveFitWeight = weightOneOverXSquared for compound Benzo(a)Anthracene in all samples; previous value = weightOneOverX | | | ✓ | |
| CmdQuantitate | BL2000\jheine | 12/21/2021 8:44:24 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:44:55 AM | Set CurveFit = fitQuadratic for compound Terphenyl-d14 in all samples; previous value = fitAverageOfResponseFactors | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:44:57 AM | Set CurveFitOrigin = originInclude for compound Terphenyl-d14 in all samples; previous value = originIgnore | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:44:59 AM | Set CurveFitWeight = weightOneOverX for compound Terphenyl-d14 in all samples; previous value = weightEqual | | | ✓ | |
| CmdQuantitate | BL2000\jheine | 12/21/2021 8:45:03 AM | Quantitate all compounds in all samples | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:45:13 AM | Set CurveFitWeight = weightOneOverXSquared for compound Terphenyl-d14 in all samples; previous value = weightEqual | | | ✓ | |
| CmdQuantitate | BL2000\jheine | 12/21/2021 8:45:19 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/21/2021 8:45:32 AM | Manually integrate compound Terphenyl-d14 in sample Dec2009.D, from x, y = 12.244, 56 to 12.399, 110, result = 28761; previous integration is from x, y = 12.244, 56 to 12.448, 63 and previous response = 29307. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/21/2021 8:45:34 AM | Drop baseline for compound Terphenyl-d14 in sample Dec2009.D to y = 56, new integration is from x, y = 12.244, 56 to 12.399, 56 and new response = 29013; previous integration is from x, y = 12.244, 56 to 12.399, 110 and previous response = 28761. | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:45:37 AM | Set UserAnnotation = GT for compound Terphenyl-d14 in sample Dec2009.D; previous value = | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:45:58 AM | Set CurveFit = fitAverageOfResponseFactors for compound Terphenyl-d14 in all samples; previous value = fitAverageOfResponseFactors | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:46:01 AM | Set CurveFitOrigin = originIgnore for compound Terphenyl-d14 in all samples; previous value = originIgnore | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:46:02 AM | Set CurveFitWeight = weightEqual for compound Terphenyl-d14 in all samples; previous value = weightEqual | | | ✓ | |
| CmdQuantitate | BL2000\jheine | 12/21/2021 8:46:08 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:46:13 AM | Set CurveFit = fitAverageOfResponseFactors for compound Benzo(b)fluoranthene in all samples; previous value = fitQuadratic | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:46:16 AM | Set CurveFitOrigin = originIgnore for compound Benzo(b)fluoranthene in all samples; previous value = originInclude | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:46:19 AM | Set CurveFitWeight = weightEqual for compound Benzo(b)fluoranthene in all samples; previous value = weightOneOverX | | | ✓ | |
| CmdQuantitate | BL2000\jheine | 12/21/2021 8:46:23 AM | Quantitate all compounds in all samples | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:46:29 AM | Set CurveFit = fitQuadratic for compound Benzo(b)fluoranthene in all samples; previous value = fitQuadratic | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:46:31 AM | Set CurveFitWeight = weightOneOverXSquared for compound Benzo(b)fluoranthene in all samples; previous value = weightOneOverX | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:46:35 AM | Set CurveFitOrigin = originInclude for compound Benzo(b)fluoranthene in all samples; previous value = originInclude | | | ✓ | |
| CmdQuantitate | BL2000\jheine | 12/21/2021 8:46:40 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/21/2021 8:47:01 AM | Manually integrate compound Perylene-d12 in sample Dec2009.D, from x, y = 18.462, 69 to 18.845, 1982, result = 454449; previous integration is from x, y = 18.462, 69 to 18.598, 75 and previous response = 468360. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/21/2021 8:47:03 AM | Drop baseline for compound Perylene-d12 in sample Dec2009.D to y = 69, new integration is from x, y = 18.462, 69 to 18.845, 69 and new response = 476440; previous integration is from x, y = 18.462, 69 to 18.845, 1982 and previous response = 454449. | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:47:10 AM | Set UserAnnotation = LT for compound Perylene-d12 in sample Dec2009.D; previous value = | | | ✓ | |
| CmdQuantitate | BL2000\jheine | 12/21/2021 8:47:18 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:47:30 AM | Set CurveFit = fitAverageOfResponseFactors for compound Benzo(b)fluoranthene in all samples; previous value = fitQuadratic | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:47:34 AM | Set CurveFitWeight = weightEqual for compound Benzo(b)fluoranthene in all samples; previous value = weightOneOverX | | | ✓ | |
| CmdQuantitate | BL2000\jheine | 12/21/2021 8:47:39 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:48:20 AM | Set CurveFitOrigin = originIgnore for compound Benzo(b)fluoranthene in all samples; previous value = originInclude | | | ✓ | |
| CmdQuantitate | BL2000\jheine | 12/21/2021 8:48:24 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:48:32 AM | Set CurveFit = fitQuadratic for compound Benzo(k)fluoranthene in all samples; previous value = fitAverageOfResponseFactors | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:48:37 AM | Set CurveFitOrigin = originInclude for compound Benzo(k)fluoranthene in all samples; previous value = originIgnore | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:48:38 AM | Set CurveFitWeight = weightOneOverX for compound Benzo(k)fluoranthene in all samples; previous value = weightEqual | | | ✓ | |
| CmdQuantitate | BL2000\jheine | 12/21/2021 8:48:43 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdStartMethodEditing | BL2000\jheine | 12/21/2021 8:49:28 AM | Start method editing | | | ✓ | |
| CmdImportMethodFromSample | BL2000\jheine | 12/21/2021 8:49:28 AM | Import method from sample Dec2009.D | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:11 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:12 AM | Set PeakFilterThresholdValue = 1220.58893414677 for compound Naphthalene; previous value = 1215.1012858647 | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:12 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:12 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:12 AM | Set PeakFilterThresholdValue = 137.937962245688 for qualifier 129.0 of compound Naphthalene; previous value = 134.205688972876 | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:12 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:13 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:13 AM | Set PeakFilterThresholdValue = 153.470798897376 for qualifier 102.0 of compound Naphthalene; previous value = 184.597754963591 | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:13 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:13 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:13 AM | Set PeakFilterThresholdValue = 797.907698888901 for compound 2-Methylnaphthalene; previous value = 680.818069230758 | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:14 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:14 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:14 AM | Set PeakFilterThresholdValue = 1044.91457486028 for qualifier 142.0 of compound 2-Methylnaphthalene; previous value = 842.731029500675 | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:14 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:14 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:15 AM | Set PeakFilterThresholdValue = 434.34685767974 for qualifier 115.0 of compound 2-Methylnaphthalene; previous value = 366.947653632556 | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:15 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:15 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:15 AM | Set PeakFilterThresholdValue = 769.836750000014 for compound 1-Methylnaphthalene; previous value = 707.517655128194 | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:15 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:16 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:16 AM | Set PeakFilterThresholdValue = 875.458518972315 for qualifier 142.0 of compound 1-Methylnaphthalene; previous value = 803.989711003133 | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:16 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:16 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:16 AM | Set PeakFilterThresholdValue = 463.799511684384 for qualifier 115.0 of compound 1-Methylnaphthalene; previous value = 362.0583899182 | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:17 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:17 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:17 AM | Set PeakFilterThresholdValue = 1186.19511893271 for compound Acenaphthylene; previous value = 1039.0418913318 | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:17 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:17 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:17 AM | Set PeakFilterThresholdValue = 173.965894403528 for qualifier 153.0 of compound Acenaphthylene; previous value = 124.758470779765 | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:18 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:18 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:18 AM | Set PeakFilterThresholdValue = 900.573443981482 for compound Acenaphthene; previous value = 886.357249999996 | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:18 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:18 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:19 AM | Set PeakFilterThresholdValue = 515.109769583626 for qualifier 152.0 of compound Acenaphthene; previous value = 485.82655041456 | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:19 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:19 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:19 AM | Set PeakFilterThresholdValue = 1028.47322372877 for qualifier 153.0 of compound Acenaphthene; previous value = 972.998109802075 | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:19 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:20 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:20 AM | Set PeakFilterThresholdValue = 1123.40680750915 for compound Fluorene; previous value = 851.627766666663 | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:20 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:20 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:20 AM | Set PeakFilterThresholdValue = 1044.45965513908 for qualifier 165.0 of compound Fluorene; previous value = 802.686768330895 | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:20 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:21 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:21 AM | Set PeakFilterThresholdValue = 145.28247658999 for qualifier 167.0 of compound Fluorene; previous value = 108.762317012365 | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:21 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:21 AM | No parameter change for PeakFilterThreshold | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:21 AM | Set PeakFilterThresholdValue = 1819.3952628983 for compound Phenanthrene; previous value = 1640.66630491644 | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:22 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:22 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:22 AM | Set PeakFilterThresholdValue = 344.606663665418 for qualifier 176.0 of compound Phenanthrene; previous value = 304.517891284867 | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:22 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:22 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:23 AM | Set PeakFilterThresholdValue = 1240.64153798309 for compound Anthracene; previous value = 1017.31739165815 | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:23 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:23 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:23 AM | Set PeakFilterThresholdValue = 222.565166759391 for qualifier 176.0 of compound Anthracene; previous value = 187.795577051241 | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:23 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:23 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:24 AM | Set PeakFilterThresholdValue = 1666.69898064172 for compound Fluoranthene; previous value = 1328.1998654232 | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:24 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:24 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:24 AM | Set PeakFilterThresholdValue = 189.615753707063 for qualifier 101.0 of compound Fluoranthene; previous value = 152.931457742063 | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:24 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:25 AM | No parameter change for PeakFilterThreshold | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:25 AM | Set PeakFilterThresholdValue = 1766.15181188539 for compound Pyrene; previous value = 1635.00307432536 | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:25 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:25 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:25 AM | Set PeakFilterThresholdValue = 234.139431933039 for qualifier 101.0 of compound Pyrene; previous value = 240.374209229822 | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:25 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:26 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:26 AM | Set PeakFilterThresholdValue = 2187.14348133629 for compound Benzo(a)Anthracene; previous value = 1953.72808653116 | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:26 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:26 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:26 AM | Set PeakFilterThresholdValue = 588.061329030776 for qualifier 229.0 of compound Benzo(a)Anthracene; previous value = 482.262611707105 | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:27 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:27 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:27 AM | Set PeakFilterThresholdValue = 601.954035400672 for qualifier 226.0 of compound Benzo(a)Anthracene; previous value = 537.777191321951 | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:27 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:28 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:28 AM | Set PeakFilterThresholdValue = 1499.07610576541 for compound Chrysene; previous value = 1396.28810973704 | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:28 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:28 AM | No parameter change for PeakFilterThreshold | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:28 AM | Set PeakFilterThresholdValue = 463.739721893155 for qualifier 226.0 of compound Chrysene; previous value = 422.169845887469 | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:28 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:29 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:29 AM | Set PeakFilterThresholdValue = 327.500077290095 for qualifier 229.0 of compound Chrysene; previous value = 300.654017581134 | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:29 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:29 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:29 AM | Set PeakFilterThresholdValue = 738.398784523359 for compound Benzo(b)fluoranthene; previous value = 711.094169362049 | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:30 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:30 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:30 AM | Set PeakFilterThresholdValue = 177.774571398214 for qualifier 253.0 of compound Benzo(b)fluoranthene; previous value = 165.70079917201 | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:30 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:30 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:31 AM | Set PeakFilterThresholdValue = 787.98602124904 for compound Benzo(k)fluoranthene; previous value = 858.701767374521 | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:31 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:31 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:31 AM | Set PeakFilterThresholdValue = 194.993833639358 for qualifier 253.0 of compound Benzo(k)fluoranthene; previous value = 185.135238813806 | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:31 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:32 AM | No parameter change for PeakFilterThreshold | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:32 AM | Set PeakFilterThresholdValue = 552.668149999993 for compound Benzo(a)pyrene; previous value = 455.802592714217 | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:32 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:32 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:32 AM | Set PeakFilterThresholdValue = 138.210110576407 for qualifier 253.0 of compound Benzo(a)pyrene; previous value = 111.821070202209 | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:33 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:33 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:33 AM | Set PeakFilterThresholdValue = 420.343134349856 for compound Indeno(1,2,3-cd)pyrene; previous value = 432.223149090523 | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:33 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:33 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:33 AM | Set PeakFilterThresholdValue = 112.040226469621 for qualifier 138.0 of compound Indeno(1,2,3-cd)pyrene; previous value = 96.6943390626198 | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:34 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:34 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:34 AM | Set PeakFilterThresholdValue = 503.112889084119 for compound Dibenzo(a,h)anthracene; previous value = 498.916733488675 | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:34 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:34 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:34 AM | Set PeakFilterThresholdValue = 146.512609135596 for qualifier 279.0 of compound Dibenzo(a,h)anthracene; previous value = 132.664186180243 | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:35 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:35 AM | No parameter change for PeakFilterThreshold | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:35 AM | Set PeakFilterThresholdValue = 103.54906734961 for qualifier 139.0 of compound Dibenzo(a,h)anthracene; previous value = 92.2682601023032 | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:35 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:35 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:36 AM | Set PeakFilterThresholdValue = 813.179317348847 for compound Benzo(g,h,i)perylene; previous value = 855.11781770838 | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:36 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:36 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:36 AM | Set PeakFilterThresholdValue = 162.158508080862 for qualifier 138.0 of compound Benzo(g,h,i)perylene; previous value = 178.514632551324 | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:36 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:37 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:37 AM | Set PeakFilterThresholdValue = 208.08866254338 for qualifier 277.0 of compound Benzo(g,h,i)perylene; previous value = 202.15392737555 | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:37 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:37 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:37 AM | Set PeakFilterThresholdValue = 203.39258710255 for compound Nitrobenzene-d5; previous value = 50.8997499999999 | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:38 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:38 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:38 AM | Set PeakFilterThresholdValue = 76.3146422156176 for qualifier 54.0 of compound Nitrobenzene-d5; previous value = 18.1288459958738 | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:38 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:38 AM | No parameter change for PeakFilterThreshold | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:38 AM | Set PeakFilterThresholdValue = 62.3069909380699 for qualifier 128.0 of compound Nitrobenzene-d5; previous value = 12.6050914574015 | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:39 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:39 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:39 AM | Set PeakFilterThresholdValue = 1189.77099271562 for compound 2-Fluorobiphenyl; previous value = 1115.67933611111 | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:39 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:39 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:39 AM | Set PeakFilterThresholdValue = 429.974183834712 for qualifier 171.0 of compound 2-Fluorobiphenyl; previous value = 406.567044500221 | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:40 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:40 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:40 AM | Set PeakFilterThresholdValue = 696.705419971298 for compound Terphenyl-d14; previous value = 593.817499934918 | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:40 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:40 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:41 AM | Set PeakFilterThresholdValue = 97.7789219634003 for qualifier 122.0 of compound Terphenyl-d14; previous value = 80.559244730348 | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:41 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:41 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:41 AM | Set PeakFilterThresholdValue = 1011.90080568781 for compound o-Terphenyl; previous value = 829.633246136956 | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:50:41 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:41 AM | No parameter change for PeakFilterThreshold | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:42 AM | Set PeakFilterThresholdValue = 663.460556201189 for qualifier 229.0 of compound o-Terphenyl; previous value = 551.420598146302 | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:42 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:42 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:42 AM | Set PeakFilterThresholdValue = 401.397899497459 for qualifier 215.0 of compound o-Terphenyl; previous value = 328.771544106809 | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:50:42 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:29 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:29 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:29 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:30 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:30 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:30 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:30 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:30 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:30 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:31 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:31 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:31 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:31 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:31 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:32 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:32 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:32 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:32 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:32 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:33 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:33 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:33 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:33 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:33 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:34 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:34 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:34 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:34 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:34 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:35 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:35 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:35 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:35 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:35 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:36 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:36 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:36 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:36 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:36 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:37 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:37 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:37 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:37 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:37 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:38 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:38 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:38 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:38 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:38 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:39 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:39 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:39 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:39 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:39 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:40 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:40 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:40 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:40 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:40 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:40 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:40 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:41 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:41 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:41 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:41 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:41 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:42 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:42 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:42 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:42 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:42 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:42 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:42 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:43 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:43 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:43 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:43 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:43 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:43 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:44 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:44 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:44 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:44 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:44 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:44 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:45 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:45 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:45 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:45 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:45 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:46 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:46 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:46 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:46 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:46 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:46 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:47 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:47 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:47 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:47 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:47 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:48 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:48 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:48 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:48 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:48 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:49 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:49 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:49 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:49 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:49 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:49 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:50 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:50 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:50 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:50 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:50 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:50 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:51 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:51 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:51 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:51 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:51 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:52 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:52 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:52 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:52 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:52 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:52 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:53 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:53 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:53 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:53 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:53 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:54 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:54 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:54 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:54 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:54 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:55 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:55 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:55 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:55 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:55 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:56 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:56 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:56 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:56 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:56 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:57 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:57 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:57 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:57 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:57 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:58 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:58 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:58 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:58 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetCompoundAttribute | BL2000\jheine | 12/21/2021 8:51:58 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:58 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:59 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:59 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:59 AM | No parameter change for PeakFilterThreshold | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:59 AM | No parameter change for PeakFilterThresholdValue | | | ✓ | |
| CmdSetMethodTargetQualifierAttribute | BL2000\jheine | 12/21/2021 8:51:59 AM | No parameter change for ThresholdNumberOfPeaks | | | ✓ | |
| CmdApplyMethodToAllSamples | BL2000\jheine | 12/21/2021 8:52:06 AM | Apply method to all samples | | | ✓ | |
| CmdMethodClear | BL2000\jheine | 12/21/2021 8:52:06 AM | Clear method | | | ✓ | |
| CmdEndMethodEditing | BL2000\jheine | 12/21/2021 8:52:07 AM | End method editing | | | ✓ | |
| CmdQuantitate | BL2000\jheine | 12/21/2021 8:52:12 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdQuantitate | BL2000\jheine | 12/21/2021 8:52:21 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdImportSamplesFromWorklist | BL2000\jheine | 12/21/2021 8:53:26 AM | Add samples from worklist: \\MASSHUNTER\Org\Data\SV5975.I\sh 122021\1 e8270d bna SIM\Dec2025.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122021\1 e8270d bna SIM\Dec2024.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122021\1 e8270d bna SIM\Dec2023.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122021\1 e8270d bna SIM\Dec2022.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122021\1 e8270d bna SIM\Dec2021.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122021\1 e8270d bna SIM\Dec2020.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122021\1 e8270d bna SIM\Dec2019.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122021\1 e8270d bna SIM\Dec2018.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122021\1 e8270d bna SIM\Dec2017.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122021\1 e8270d bna SIM\Dec2016.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122021\1 e8270d bna SIM\Dec2015.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122021\1 e8270d bna SIM\Dec2014.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122021\1 e8270d bna SIM\Dec2013.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122021\1 e8270d bna SIM\Dec2012.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122021\1 e8270d bna SIM\Dec2011.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122021\1 e8270d bna SIM\Dec2010.D | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/21/2021 8:53:37 AM | Set SampleType = Blank for sample Dec2011.D; previous value = Sample | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/21/2021 8:54:39 AM | Set SampleName = LMB-162373 for sample Dec2020.D; previous value = MB-1624XX | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdSetSampleAttribute | BL2000\jheine | 12/21/2021 8:54:45 AM | Set SampleName = LLCS-162373 for sample Dec2021.D; previous value = LLCS-1624XX | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/21/2021 8:54:53 AM | Set SampleName = LLCSD-162373 for sample Dec2022.D; previous value = LLCSD-1624XX | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/21/2021 8:59:43 AM | Set SampleType = Blank for sample Dec2020.D; previous value = Sample | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/21/2021 8:59:46 AM | Set SampleType = Matrix for sample Dec2021.D; previous value = Sample | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/21/2021 8:59:50 AM | Set SampleType = MatrixDup for sample Dec2022.D; previous value = Sample | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/21/2021 8:59:57 AM | Set SampleType = Blank for sample Dec2012.D; previous value = Sample | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/21/2021 9:00:00 AM | Set SampleType = Matrix for sample Dec2013.D; previous value = Sample | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/21/2021 9:00:04 AM | Set SampleType = MatrixDup for sample Dec2014.D; previous value = Sample | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/21/2021 9:00:08 AM | Set SampleType = Matrix for sample Dec2018.D; previous value = Sample | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/21/2021 9:00:12 AM | Set MatrixSpikeGroup = MB-162302 for sample Dec2011.D; previous value = | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/21/2021 9:00:13 AM | Set MatrixSpikeGroup = MB-162302 for sample Dec2013.D; previous value = | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/21/2021 9:00:20 AM | Set MatrixSpikeGroup = B21121402-002A for sample Dec2017.D; previous value = | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/21/2021 9:00:22 AM | Set MatrixSpikeGroup = B21121402-002A for sample Dec2018.D; previous value = | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/21/2021 9:00:26 AM | Set MatrixSpikeGroup = LMB-162373 for sample Dec2020.D; previous value = | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/21/2021 9:00:28 AM | Set MatrixSpikeGroup = LMB-162373 for sample Dec2021.D; previous value = | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/21/2021 9:00:29 AM | Set MatrixSpikeGroup = LMB-162373 for sample Dec2022.D; previous value = | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/21/2021 9:00:36 AM | Set MatrixSpikeGroup = MB-162302 for sample Dec2014.D; previous value = | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/21/2021 9:00:40 AM | Set SampleInformation = MatrixA for sample Dec2013.D; previous value = | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/21/2021 9:00:42 AM | Set SampleInformation = MatrixA for sample Dec2014.D; previous value = | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdSetSampleAttribute | BL2000\jheine | 12/21/2021 9:00:47 AM | Set SampleInformation = MatrixA for sample Dec2018.D; previous value = | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/21/2021 9:00:48 AM | Set SampleInformation = MatrixA for sample Dec2021.D; previous value = | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/21/2021 9:00:49 AM | Set SampleInformation = MatrixA for sample Dec2022.D; previous value = | | | ✓ | |
| CmdQuantitate | BL2000\jheine | 12/21/2021 9:00:59 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/21/2021 9:01:08 AM | Set SampleType = CC for sample Dec2025.D; previous value = Sample | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/21/2021 9:01:20 AM | Set LevelName = CCV for sample Dec2025.D; previous value = | | | ✓ | |
| CmdQuantitate | BL2000\jheine | 12/21/2021 9:01:32 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/21/2021 9:01:54 AM | Manually integrate compound Benzo(a)pyrene in sample Dec2010.D, from x, y = 18.363, 128 to 18.413, 264, result = -308; previous integration is from x, y = 18.464, 67 to 18.586, 68 and previous response = 2737. | | | ✓ | |
| CmdManuallyIntegrateSnapBaseline | BL2000\jheine | 12/21/2021 9:01:57 AM | Snap baseline for compound Benzo(a)pyrene in sample Dec2010.D, from x = 18.363 to x = 18.413, new integration is from x, y = 18.363, 68 to 18.413, 71 and new response = 66; previous integration is from x, y = 18.363, 128 to 18.413, 264 and previous response = -308. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/21/2021 9:01:58 AM | Drop baseline for compound Benzo(a)pyrene in sample Dec2010.D to y = 68, new integration is from x, y = 18.363, 68 to 18.413, 68 and new response = 71; previous integration is from x, y = 18.363, 68 to 18.413, 71 and previous response = 66. | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:01:59 AM | Zero out primary peak of compound Benzo(a)pyrene in sample Dec2010.D | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/21/2021 9:02:05 AM | Manually integrate compound Acenaphthene in sample Dec2010.D, from x, y = 8.038, 130 to 8.113, 80, result = 177; previous integration is from x, y = 7.990, 80 to 8.113, 80 and previous response = 2448. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/21/2021 9:02:06 AM | Drop baseline for compound Acenaphthene in sample Dec2010.D to y = 80, new integration is from x, y = 8.038, 80 to 8.113, 80 and new response = 288; previous integration is from x, y = 8.038, 130 to 8.113, 80 and previous response = 177. | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:02:07 AM | Zero out primary peak of compound Acenaphthene in sample Dec2010.D | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:02:10 AM | Zero out primary peak of compound Chrysene in sample Dec2010.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:02:11 AM | Zero out primary peak of compound Benzo(a)Anthracene in sample Dec2010.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:02:17 AM | Zero out primary peak of compound Fluorene in sample Dec2011.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:02:20 AM | Zero out primary peak of compound Benzo(a)pyrene in sample Dec2011.D | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/21/2021 9:02:25 AM | Manually integrate compound Chrysene in sample Dec2011.D, from x, y = 14.801, 98 to 14.901, 60, result = 211; previous integration is from x, y = 14.689, 60 to 14.901, 60 and previous response = 3364. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/21/2021 9:02:27 AM | Drop baseline for compound Chrysene in sample Dec2011.D to y = 60, new integration is from x, y = 14.801, 60 to 14.901, 60 and new response = 322; previous integration is from x, y = 14.801, 98 to 14.901, 60 and previous response = 211. | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:02:28 AM | Zero out primary peak of compound Chrysene in sample Dec2011.D | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/21/2021 9:02:34 AM | Manually integrate compound Acenaphthene in sample Dec2011.D, from x, y = 8.038, 126 to 8.087, 108, result = 146; previous integration is from x, y = 8.000, 110 to 8.087, 108 and previous response = 1970. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/21/2021 9:02:36 AM | Drop baseline for compound Acenaphthene in sample Dec2011.D to y = 108, new integration is from x, y = 8.038, 108 to 8.087, 108 and new response = 171; previous integration is from x, y = 8.038, 126 to 8.087, 108 and previous response = 146. | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:02:37 AM | Zero out primary peak of compound Acenaphthene in sample Dec2011.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:02:39 AM | Zero out primary peak of compound o-Terphenyl in sample Dec2011.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:02:40 AM | Zero out primary peak of compound Benzo(a)Anthracene in sample Dec2011.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:02:48 AM | Zero out primary peak of compound Benzo(a)pyrene in sample Dec2012.D | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/21/2021 9:02:53 AM | Manually integrate compound Acenaphthene in sample Dec2012.D, from x, y = 8.038, 122 to 8.113, 83, result = 221; previous integration is from x, y = 7.968, 83 to 8.113, 83 and previous response = 2476. | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdManuallyIntegrate DropBaseline | BL2000\jheine | 12/21/2021 9:02:54 AM | Drop baseline for compound Acenaphthene in sample Dec2012.D to y = 83, new integration is from x, y = 8.038, 83 to 8.113, 83 and new response = 309; previous integration is from x, y = 8.038, 122 to 8.113, 83 and previous response = 221. | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:02:56 AM | Zero out primary peak of compound Acenaphthene in sample Dec2012.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:02:58 AM | Zero out primary peak of compound Chrysene in sample Dec2012.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:02:59 AM | Zero out primary peak of compound Benzo(a)Anthracene in sample Dec2012.D | | | ✓ | |
| CmdManuallyIntegrate QualifierPeak | BL2000\jheine | 12/21/2021 9:03:15 AM | Manually integrate qualifier 102.0 of compound Naphthalene in sample Dec2013.D, from x, y = 5.953, 1022 to 6.041, 103, result = 4265; previous integration is from x, y = 5.916, 103 to 6.041, 103 and previous response = 13354. | | | ✓ | |
| CmdManuallyIntegrate DropBaseline | BL2000\jheine | 12/21/2021 9:03:16 AM | Drop baseline for qualifier 102.0 of compound Naphthalene in sample Dec2013.D to y = 103, new integration is from x, y = 5.953, 103 to 6.041, 103 and new response = 6676; previous integration is from x, y = 5.953, 1022 to 6.041, 103 and previous response = 4265. | | | ✓ | |
| CmdManuallyIntegrate QualifierPeak | BL2000\jheine | 12/21/2021 9:03:24 AM | Manually integrate qualifier142.0 of compound 2-Methylnaphthalene in sample Dec2013.D from x, y = 6.777, 6612 to 6.877, 10202; result = -6623 | | | ✓ | |
| CmdManuallyIntegrateSnapBaseline | BL2000\jheine | 12/21/2021 9:03:25 AM | Snap baseline for qualifier 142.0 of compound 2-Methylnaphthalene in sample Dec2013.D from x = 6.777 to x = 6.877, new integration is from x, y = 6.777, 4346 to 6.877, 724 and new response = 28581; previous integration is from x, y = 6.777, 6612 to 6.877, 10202 and previous response = -6623. | | | ✓ | |
| CmdManuallyIntegrate DropBaseline | BL2000\jheine | 12/21/2021 9:03:26 AM | Drop baseline for qualifier 142.0 of compound 2-Methylnaphthalene in sample Dec2013.D to y = 724, new integration is from x, y = 6.777, 724 to 6.877, 724 and new response = 39438; previous integration is from x, y = 6.777, 4346 to 6.877, 724 and previous response = 28581. | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdManuallyIntegrateSplit | BL2000\jheine | 12/21/2021 9:03:33 AM | Split qualifier 142.0 of compound 1-Methylnaphthalene in sample Dec2013.D and keep right peak, new integration is from x, y = 6.890, 94.2643849206349 to 7.002, 94.2643849206349 and new response = 34595, previous integration is from x, y = 6.740, 94 to 7.002, 94 and previous response = 87286. | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\jheine | 12/21/2021 9:03:40 AM | Manually integrate qualifier153.0 of compound Acenaphthylene in sample Dec2013.D from x, y = 7.826, 3534 to 7.888, 6715; result = -10057 | | | ✓ | |
| CmdManuallyIntegrateSnapBaseline | BL2000\jheine | 12/21/2021 9:03:42 AM | Snap baseline for qualifier 153.0 of compound Acenaphthylene in sample Dec2013.D from x = 7.826 to x = 7.888, new integration is from x, y = 7.826, 125 to 7.888, 307 and new response = 8295; previous integration is from x, y = 7.826, 3534 to 7.888, 6715 and previous response = -10057. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/21/2021 9:03:42 AM | Drop baseline for qualifier 153.0 of compound Acenaphthylene in sample Dec2013.D to y = 125, new integration is from x, y = 7.826, 125 to 7.888, 125 and new response = 8635; previous integration is from x, y = 7.826, 125 to 7.888, 307 and previous response = 8295. | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/21/2021 9:03:47 AM | Manually integrate compound Acenaphthene in sample Dec2013.D, from x, y = 8.038, 6024 to 8.150, 95, result = 21767; previous integration is from x, y = 8.000, 93 to 8.150, 95 and previous response = 44090. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/21/2021 9:03:49 AM | Drop baseline for compound Acenaphthene in sample Dec2013.D to y = 95, new integration is from x, y = 8.038, 95 to 8.150, 95 and new response = 41715; previous integration is from x, y = 8.038, 6024 to 8.150, 95 and previous response = 21767. | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 9:03:50 AM | Set UserAnnotation = CO for compound Acenaphthene in sample Dec2013.D; previous value = | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\jheine | 12/21/2021 9:04:25 AM | Manually integrate qualifier129.0 of compound Naphthalene in sample Dec2014.D from x, y = 5.929, 140 to 6.028, 1391; result = 1388 | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdManuallyIntegrate DropBaseline | BL2000\jheine | 12/21/2021 9:04:27 AM | Drop baseline for qualifier 129.0 of compound Naphthalene in sample Dec2014.D to y = 140, new integration is from x, y = 5.929, 140 to 6.028, 140 and new response = 5121; previous integration is from x, y = 5.929, 140 to 6.028, 1391 and previous response = 1388. | | | ✓ | |
| CmdManuallyIntegrate QualifierPeak | BL2000\jheine | 12/21/2021 9:04:30 AM | Manually integrate qualifier 102.0 of compound Naphthalene in sample Dec2014.D, from x, y = 5.953, 1072 to 6.053, 125, result = 3164; previous integration is from x, y = 5.916, 105 to 6.053, 125 and previous response = 12908. | | | ✓ | |
| CmdManuallyIntegrate DropBaseline | BL2000\jheine | 12/21/2021 9:04:32 AM | Drop baseline for qualifier 102.0 of compound Naphthalene in sample Dec2014.D to y = 125, new integration is from x, y = 5.953, 125 to 6.053, 125 and new response = 6000; previous integration is from x, y = 5.953, 1072 to 6.053, 125 and previous response = 3164. | | | ✓ | |
| CmdManuallyIntegrate QualifierPeak | BL2000\jheine | 12/21/2021 9:04:38 AM | Manually integrate qualifier 142.0 of compound 2-Methylnaphthalene in sample Dec2014.D, from x, y = 6.790, 1597 to 6.890, 163, result = 29264; previous integration is from x, y = 6.740, 133 to 6.890, 163 and previous response = 46987. | | | ✓ | |
| CmdManuallyIntegrate DropBaseline | BL2000\jheine | 12/21/2021 9:04:40 AM | Drop baseline for qualifier 142.0 of compound 2-Methylnaphthalene in sample Dec2014.D to y = 163, new integration is from x, y = 6.790, 163 to 6.890, 163 and new response = 33561; previous integration is from x, y = 6.790, 1597 to 6.890, 163 and previous response = 29264. | | | ✓ | |
| CmdManuallyIntegrate QualifierPeak | BL2000\jheine | 12/21/2021 9:04:48 AM | Manually integrate qualifier153.0 of compound Acenaphthylene in sample Dec2014.D from x, y = 7.814, 3830 to 7.901, 6576; result = -18868 | | | ✓ | |
| CmdManuallyIntegrateSnapBaseline | BL2000\jheine | 12/21/2021 9:04:50 AM | Snap baseline for qualifier 153.0 of compound Acenaphthylene in sample Dec2014.D from x = 7.814 to x = 7.901, new integration is from x, y = 7.814, 88 to 7.901, 227 and new response = 7541; previous integration is from x, y = 7.814, 3830 to 7.901, 6576 and previous response = -18868. | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdManuallyIntegrate DropBaseline | BL2000\jheine | 12/21/2021 9:04:50 AM | Drop baseline for qualifier 153.0 of compound Acenaphthylene in sample Dec2014.D to y = 88, new integration is from x, y = 7.814, 88 to 7.901, 88 and new response = 7905; previous integration is from x, y = 7.814, 88 to 7.901, 227 and previous response = 7541. | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:05:27 AM | Zero out primary peak of compound Fluorene in sample Dec2015.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:05:29 AM | Zero out primary peak of compound Benzo(a)pyrene in sample Dec2015.D | | | ✓ | |
| CmdManuallyIntegrateP eak | BL2000\jheine | 12/21/2021 9:05:37 AM | Manually integrate compound Acenaphthene in sample Dec2015.D, from x, y = 8.038, 147 to 8.113, 102, result = 80; previous integration is from x, y = 7.995, 102 to 8.113, 102 and previous response = 2494. | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:05:40 AM | Zero out primary peak of compound Acenaphthene in sample Dec2015.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:05:43 AM | Zero out primary peak of compound Chrysene in sample Dec2015.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:05:45 AM | Zero out primary peak of compound Benzo(a)Anthracene in sample Dec2015.D | | | ✓ | |
| CmdManuallyIntegrateP eak | BL2000\jheine | 12/21/2021 9:06:00 AM | Manually integrate compound Benzo(a)pyrene in sample Dec2016.D, from x, y = 18.363, 128 to 18.425, 313, result = -479; previous integration is from x, y = 18.470, 75 to 18.647, 75 and previous response = 2884. | | | ✓ | |
| CmdManuallyIntegrateS napBaseline | BL2000\jheine | 12/21/2021 9:06:01 AM | Snap baseline for compound Benzo(a)pyrene in sample Dec2016.D, from x = 18.363 to x = 18.425, new integration is from x, y = 18.363, 63 to 18.425, 70 and new response = 93; previous integration is from x, y = 18.363, 128 to 18.425, 313 and previous response = -479. | | | ✓ | |
| CmdManuallyIntegrate DropBaseline | BL2000\jheine | 12/21/2021 9:06:02 AM | Drop baseline for compound Benzo(a)pyrene in sample Dec2016.D to y = 63, new integration is from x, y = 18.363, 63 to 18.425, 63 and new response = 106; previous integration is from x, y = 18.363, 63 to 18.425, 70 and previous response = 93. | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:06:03 AM | Zero out primary peak of compound Benzo(a)pyrene in sample Dec2016.D | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdManuallyIntegratePeak | BL2000\jheine | 12/21/2021 9:06:08 AM | Manually integrate compound Acenaphthene in sample Dec2016.D, from x, y = 8.050, 417 to 8.113, 83, result = -406; previous integration is from x, y = 7.988, 83 to 8.113, 83 and previous response = 2563. | | | ✓ | |
| CmdManuallyIntegrate DropBaseline | BL2000\jheine | 12/21/2021 9:06:10 AM | Drop baseline for compound Acenaphthene in sample Dec2016.D to y = 83, new integration is from x, y = 8.050, 83 to 8.113, 83 and new response = 220; previous integration is from x, y = 8.050, 417 to 8.113, 83 and previous response = -406. | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:06:11 AM | Zero out primary peak of compound Acenaphthene in sample Dec2016.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:06:14 AM | Zero out primary peak of compound Chrysene in sample Dec2016.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:06:16 AM | Zero out primary peak of compound Benzo(a)Anthracene in sample Dec2016.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:06:40 AM | Zero out primary peak of compound Benzo(a)pyrene in sample Dec2017.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:06:45 AM | Zero out primary peak of compound Acenaphthene in sample Dec2017.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:06:48 AM | Zero out primary peak of compound Chrysene in sample Dec2017.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:06:49 AM | Zero out primary peak of compound Benzo(a)Anthracene in sample Dec2017.D | | | ✓ | |
| CmdManuallyIntegrate QualifierPeak | BL2000\jheine | 12/21/2021 9:07:07 AM | Manually integrate qualifier 102.0 of compound Naphthalene in sample Dec2018.D, from x, y = 5.953, 1641 to 6.040, 116, result = 3679; previous integration is from x, y = 5.916, 116 to 6.040, 116 and previous response = 15374. | | | ✓ | |
| CmdManuallyIntegrate DropBaseline | BL2000\jheine | 12/21/2021 9:07:08 AM | Drop baseline for qualifier 102.0 of compound Naphthalene in sample Dec2018.D to y = 116, new integration is from x, y = 5.953, 116 to 6.040, 116 and new response = 7680; previous integration is from x, y = 5.953, 1641 to 6.040, 116 and previous response = 3679. | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/21/2021 9:07:15 AM | Manually integrate compound 2-Methylnaphthalene in sample Dec2018.D, from x, y = 6.777, 3569 to 6.890, 6929, result = 5036; previous integration is from x, y = 6.727, 142 to 6.990, 142 and previous response = 76817. | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdManuallyIntegrateSnapBaseline | BL2000\jheine | 12/21/2021 9:07:17 AM | Snap baseline for compound 2-Methylnaphthalene in sample Dec2018.D, from x = 6.777 to x = 6.890, new integration is from x, y = 6.777, 649 to 6.890, 373 and new response = 36990; previous integration is from x, y = 6.777, 3569 to 6.890, 6929 and previous response = 5036. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/21/2021 9:07:17 AM | Drop baseline for compound 2-Methylnaphthalene in sample Dec2018.D to y = 373, new integration is from x, y = 6.777, 373 to 6.890, 373 and new response = 37920; previous integration is from x, y = 6.777, 649 to 6.890, 373 and previous response = 36990. | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 9:07:19 AM | Set UserAnnotation = CO for compound 2-Methylnaphthalene in sample Dec2018.D; previous value = | | | ✓ | |
| CmdManuallyIntegrateSplit | BL2000\jheine | 12/21/2021 9:07:24 AM | Split peak for compound 1-Methylnaphthalene in sample Dec2018.D and keep right peak, new integration is from x, y = 6.890, 142.170634920635 to 6.990, 142.170634920635 and new response = 36135, previous integration is from x, y = 6.727, 142 to 6.990, 142 and previous response = 76817. | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 9:07:25 AM | Set UserAnnotation = CO for compound 1-Methylnaphthalene in sample Dec2018.D; previous value = | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/21/2021 9:07:36 AM | Manually integrate compound Acenaphthene in sample Dec2018.D, from x, y = 8.038, 6349 to 8.150, 133, result = 29570; previous integration is from x, y = 8.000, 139 to 8.150, 133 and previous response = 52641. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/21/2021 9:07:38 AM | Drop baseline for compound Acenaphthene in sample Dec2018.D to y = 133, new integration is from x, y = 8.038, 133 to 8.150, 133 and new response = 50489; previous integration is from x, y = 8.038, 6349 to 8.150, 133 and previous response = 29570. | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 9:07:40 AM | Set UserAnnotation = CO for compound Acenaphthene in sample Dec2018.D; previous value = | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:08:22 AM | Zero out primary peak of compound Benzo(a)pyrene in sample Dec2019.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:08:24 AM | Zero out primary peak of compound Acenaphthene in sample Dec2019.D | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdManuallyIntegratePeak | BL2000\jheine | 12/21/2021 9:08:32 AM | Manually integrate compound Chrysene in sample Dec2019.D, from x, y = 14.801, 282 to 14.913, 374, result = -906; previous integration is from x, y = 14.691, 64 to 14.801, 72 and previous response = 3394. | | | ✓ | |
| CmdManuallyIntegrateSnapBaseline | BL2000\jheine | 12/21/2021 9:08:33 AM | Snap baseline for compound Chrysene in sample Dec2019.D, from x = 14.801 to x = 14.913, new integration is from x, y = 14.801, 189 to 14.913, 78 and new response = 403; previous integration is from x, y = 14.801, 282 to 14.913, 374 and previous response = -906. | | | ✓ | |
| CmdManuallyIntegrate DropBaseline | BL2000\jheine | 12/21/2021 9:08:34 AM | Drop baseline for compound Chrysene in sample Dec2019.D to y = 78, new integration is from x, y = 14.801, 78 to 14.913, 78 and new response = 776; previous integration is from x, y = 14.801, 189 to 14.913, 78 and previous response = 403. | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:08:35 AM | Zero out primary peak of compound Chrysene in sample Dec2019.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:08:38 AM | Zero out primary peak of compound Benzo(k)fluoranthene in sample Dec2019.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:08:39 AM | Zero out primary peak of compound Benzo(b)fluoranthene in sample Dec2019.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:08:40 AM | Zero out primary peak of compound Benzo(a)Anthracene in sample Dec2019.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:08:53 AM | Zero out primary peak of compound Benzo(a)pyrene in sample Dec2020.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:08:57 AM | Zero out primary peak of compound Acenaphthene in sample Dec2020.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:08:58 AM | Zero out primary peak of compound Chrysene in sample Dec2020.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:09:01 AM | Zero out primary peak of compound Benzo(a)Anthracene in sample Dec2020.D | | | ✓ | |
| CmdManuallyIntegrate QualifierPeak | BL2000\jheine | 12/21/2021 9:09:37 AM | Manually integrate qualifier129.0 of compound Naphthalene in sample Dec2021.D from x, y = 5.928, 154 to 6.028, 2340; result = 1854 | | | ✓ | |
| CmdManuallyIntegrate DropBaseline | BL2000\jheine | 12/21/2021 9:09:38 AM | Drop baseline for qualifier 129.0 of compound Naphthalene in sample Dec2021.D to y = 154, new integration is from x, y = 5.928, 154 to 6.028, 154 and new response = 8396; previous integration is from x, y = 5.928, 154 to 6.028, 2340 and previous response = 1854. | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdManuallyIntegrate QualifierPeak | BL2000\jheine | 12/21/2021 9:09:42 AM | Manually integrate qualifier 102.0 of compound Naphthalene in sample Dec2021.D, from x, y = 5.953, 1075 to 6.053, 127, result = 6240; previous integration is from x, y = 5.916, 127 to 6.053, 127 and previous response = 16566. | | | ✓ | |
| CmdManuallyIntegrate DropBaseline | BL2000\jheine | 12/21/2021 9:09:43 AM | Drop baseline for qualifier 102.0 of compound Naphthalene in sample Dec2021.D to y = 127, new integration is from x, y = 5.953, 127 to 6.053, 127 and new response = 9083; previous integration is from x, y = 5.953, 1075 to 6.053, 127 and previous response = 6240. | | | ✓ | |
| CmdManuallyIntegrate QualifierPeak | BL2000\jheine | 12/21/2021 9:09:50 AM | Manually integrate qualifier142.0 of compound 2-Methylnaphthalene in sample Dec2021.D from x, y = 6.777, 10195 to 6.890, 9998; result = -8853 | | | ✓ | |
| CmdManuallyIntegrateSnapBaseline | BL2000\jheine | 12/21/2021 9:09:51 AM | Snap baseline for qualifier 142.0 of compound 2-Methylnaphthalene in sample Dec2021.D from x = 6.777 to x = 6.890, new integration is from x, y = 6.777, 4567 to 6.890, 695 and new response = 41495; previous integration is from x, y = 6.777, 10195 to 6.890, 9998 and previous response = -8853. | | | ✓ | |
| CmdManuallyIntegrate DropBaseline | BL2000\jheine | 12/21/2021 9:09:52 AM | Drop baseline for qualifier 142.0 of compound 2-Methylnaphthalene in sample Dec2021.D to y = 695, new integration is from x, y = 6.777, 695 to 6.890, 695 and new response = 54552; previous integration is from x, y = 6.777, 4567 to 6.890, 695 and previous response = 41495. | | | ✓ | |
| CmdManuallyIntegrateSplit | BL2000\jheine | 12/21/2021 9:09:58 AM | Split qualifier 142.0 of compound 1-Methylnaphthalene in sample Dec2021.D and keep right peak, new integration is from x, y = 6.890, 103.552777777778 to 7.002, 103.552777777778 and new response = 47681, previous integration is from x, y = 6.740, 104 to 7.002, 104 and previous response = 117111. | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/21/2021 9:10:07 AM | Manually integrate compound Acenaphthene in sample Dec2021.D, from x, y = 8.038, 10221 to 8.150, 130, result = 20087; previous integration is from x, y = 8.001, 135 to 8.150, 130 and previous response = 56064. | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/21/2021 9:10:08 AM | Drop baseline for compound Acenaphthene in sample Dec2021.D to y = 130, new integration is from x, y = 8.038, 130 to 8.150, 130 and new response = 54037; previous integration is from x, y = 8.038, 10221 to 8.150, 130 and previous response = 20087. | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 9:10:10 AM | Set UserAnnotation = CO for compound Acenaphthene in sample Dec2021.D; previous value = | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\jheine | 12/21/2021 9:10:50 AM | Manually integrate qualifier 102.0 of compound Naphthalene in sample Dec2022.D, from x, y = 5.953, 1656 to 6.053, 102, result = 4294; previous integration is from x, y = 5.916, 102 to 6.053, 102 and previous response = 16814. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/21/2021 9:10:51 AM | Drop baseline for qualifier 102.0 of compound Naphthalene in sample Dec2022.D to y = 102, new integration is from x, y = 5.953, 102 to 6.053, 102 and new response = 8951; previous integration is from x, y = 5.953, 1656 to 6.053, 102 and previous response = 4294. | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/21/2021 9:11:00 AM | Manually integrate compound 2-Methylnaphthalene in sample Dec2022.D, from x, y = 6.777, 3916 to 6.890, 4722, result = 17982; previous integration is from x, y = 6.740, 127 to 6.990, 127 and previous response = 90866. | | | ✓ | |
| CmdManuallyIntegrateSnapBaseline | BL2000\jheine | 12/21/2021 9:11:01 AM | Snap baseline for compound 2-Methylnaphthalene in sample Dec2022.D, from x = 6.777 to x = 6.890, new integration is from x, y = 6.777, 599 to 6.890, 409 and new response = 43711; previous integration is from x, y = 6.777, 3916 to 6.890, 4722 and previous response = 17982. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/21/2021 9:11:02 AM | Drop baseline for compound 2-Methylnaphthalene in sample Dec2022.D to y = 409, new integration is from x, y = 6.777, 409 to 6.890, 409 and new response = 44352; previous integration is from x, y = 6.777, 599 to 6.890, 409 and previous response = 43711. | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 9:11:03 AM | Set UserAnnotation = CO for compound 2-Methylnaphthalene in sample Dec2022.D; previous value = | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdManuallyIntegrate QualifierPeak | BL2000\jheine | 12/21/2021 9:11:07 AM | Manually integrate qualifier142.0 of compound 2-Methylnaphthalene in sample Dec2022.D from x, y = 6.777, 7779 to 6.877, 9872; result = 6117 | | | ✓ | |
| CmdManuallyIntegrateSnapBaseline | BL2000\jheine | 12/21/2021 9:11:09 AM | Snap baseline for qualifier 142.0 of compound 2-Methylnaphthalene in sample Dec2022.D from x = 6.777 to x = 6.877, new integration is from x, y = 6.777, 4577 to 6.877, 804 and new response = 42897; previous integration is from x, y = 6.777, 7779 to 6.877, 9872 and previous response = 6117. | | | ✓ | |
| CmdManuallyIntegrate DropBaseline | BL2000\jheine | 12/21/2021 9:11:09 AM | Drop baseline for qualifier 142.0 of compound 2-Methylnaphthalene in sample Dec2022.D to y = 804, new integration is from x, y = 6.777, 804 to 6.877, 804 and new response = 54207; previous integration is from x, y = 6.777, 4577 to 6.877, 804 and previous response = 42897. | | | ✓ | |
| CmdManuallyIntegrateSplit | BL2000\jheine | 12/21/2021 9:11:15 AM | Split peak for compound 1-Methylnaphthalene in sample Dec2022.D and keep right peak, new integration is from x, y = 6.890, 126.509166666667 to 6.990, 126.509166666667 and new response = 43394, previous integration is from x, y = 6.740, 127 to 6.990, 127 and previous response = 90866. | | | ✓ | |
| CmdManuallyIntegrateSplit | BL2000\jheine | 12/21/2021 9:11:19 AM | Split qualifier 142.0 of compound 1-Methylnaphthalene in sample Dec2022.D and keep right peak, new integration is from x, y = 6.890, 100.616666666667 to 7.002, 100.616666666667 and new response = 49205, previous integration is from x, y = 6.740, 101 to 7.002, 101 and previous response = 118545. | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/21/2021 9:11:28 AM | Manually integrate compound Acenaphthene in sample Dec2022.D, from x, y = 8.038, 5593 to 8.150, 105, result = 35574; previous integration is from x, y = 8.000, 104 to 8.150, 105 and previous response = 56479. | | | ✓ | |
| CmdManuallyIntegrate DropBaseline | BL2000\jheine | 12/21/2021 9:11:30 AM | Drop baseline for compound Acenaphthene in sample Dec2022.D to y = 105, new integration is from x, y = 8.038, 105 to 8.150, 105 and new response = 54037; previous integration is from x, y = 8.038, 5593 to 8.150, 105 and previous response = 35574. | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/21/2021 9:11:31 AM | Set UserAnnotation = CO for compound Acenaphthene in sample Dec2022.D; previous value = | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:12:11 AM | Zero out primary peak of compound Benzo(a)pyrene in sample Dec2023.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:12:14 AM | Zero out primary peak of compound Acenaphthene in sample Dec2023.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:12:15 AM | Zero out primary peak of compound Chrysene in sample Dec2023.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:12:16 AM | Zero out primary peak of compound Benzo(g,h,i)perylene in sample Dec2023.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:12:17 AM | Zero out primary peak of compound Benzo(a)Anthracene in sample Dec2023.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:12:26 AM | Zero out primary peak of compound Benzo(a)pyrene in sample Dec2024.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:12:27 AM | Zero out primary peak of compound Benzo(a)pyrene in sample Dec2024.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:12:28 AM | Zero out primary peak of compound Acenaphthene in sample Dec2024.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:12:29 AM | Zero out primary peak of compound Chrysene in sample Dec2024.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/21/2021 9:12:30 AM | Zero out primary peak of compound Benzo(a)Anthracene in sample Dec2024.D | | | ✓ | |
| CmdManuallyIntegrate QualifierPeak | BL2000\jheine | 12/21/2021 9:12:46 AM | Manually integrate qualifier 102.0 of compound Naphthalene in sample Dec2025.D, from x, y = 5.953, 426 to 6.041, 102, result = 6015; previous integration is from x, y = 5.916, 102 to 6.041, 102 and previous response = 13301. | | | ✓ | |
| CmdManuallyIntegrate DropBaseline | BL2000\jheine | 12/21/2021 9:12:48 AM | Drop baseline for qualifier 102.0 of compound Naphthalene in sample Dec2025.D to y = 102, new integration is from x, y = 5.953, 102 to 6.041, 102 and new response = 6866; previous integration is from x, y = 5.953, 426 to 6.041, 102 and previous response = 6015. | | | ✓ | |
| CmdSaveBatchTable | BL2000\jheine | 12/21/2021 9:13:32 AM | Save batch \\MASSHUNTER\Org\Data\SV5975.I\sh 122021\1 e8270d bna SIM\QuantResults\122021 bna SIM 1.batch.bin | | | ✓ | |
| CmdOpenBatchTable | BL2000\jheine | 12/22/2021 12:06:50 PM | Open batch \\MASSHUNTER\Org\Data\SV5975.I\sh 122021\1 e8270d bna SIM\122021 bna SIM 1.batch.bin | | | ✓ | |
| CmdQuantitate | BL2000\jheine | 12/22/2021 12:07:11 PM | Quantitate all compounds in all samples | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdSaveBatchTable | BL2000\jheine | 12/22/2021 12:07:19 PM | Save batch \\MASSHUNTER\Org\Data\SV5975.I\sh 122021\1 e8270d bna SIM\QuantResults\122021 bna SIM 1.batch.bin | | | ✓ | |
| GenerateReport | BL2000\jheine | 12/22/2021 12:08:20 PM | Generates report - Method: D:\Org\reports\GCMSSEMI Report Templates\Calibration\Gen_Calibration.m, Output Path: \\MASSHUNTER\Org\Data\SV5975.I\sh 122021\1 e8270d bna SIM\QuantReports\ | | | ✓ | |
| GenerateReport | BL2000\jheine | 12/22/2021 12:09:18 PM | Generates report - Method: D:\Org\reports\GCMSSEMI Report Templates\Calibration\init_cal_rpt.m, Output Path: \\MASSHUNTER\Org\Data\SV5975.I\sh 122021\1 e8270d bna SIM\QuantReports\ | | | ✓ | |
| GenerateReport | BL2000\jheine | 12/22/2021 12:10:38 PM | Generates report - Method: D:\Org\reports\GCMSSEMI Report Templates\Calibration\Gen_ResultsSummary.m, Output Path: \\MASSHUNTER\Org\Data\SV5975.I\sh 122021\1 e8270d bna SIM\QuantReports\ | | | ✓ | |
| GenerateReport | BL2000\jheine | 12/22/2021 12:14:45 PM | Generates report - Method: D:\Org\reports\GCMSSEMI Report Templates\Calibration\Env_QuantResults_wGraphics+Chromatogram.m, Output Path: \\MASSHUNTER\Org\Data\SV5975.I\sh 122021\1 e8270d bna SIM\QuantReports\ | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/22/2021 12:14:59 PM | Set SampleApproved = True for sample Dec2001.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/22/2021 12:15:01 PM | Set SampleApproved = True for sample Dec2002.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/22/2021 12:15:02 PM | Set SampleApproved = True for sample Dec2003.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/22/2021 12:15:04 PM | Set SampleApproved = True for sample Dec2004.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/22/2021 12:15:05 PM | Set SampleApproved = True for sample Dec2005.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/22/2021 12:15:07 PM | Set SampleApproved = True for sample Dec2006.D; previous value = False | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdSetSampleAttribute | BL2000\jheine | 12/22/2021 12:15:08 PM | Set SampleApproved = True for sample Dec2007.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/22/2021 12:15:10 PM | Set SampleApproved = True for sample Dec2008.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/22/2021 12:15:12 PM | Set SampleApproved = True for sample Dec2009.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/22/2021 12:15:13 PM | Set SampleApproved = True for sample Dec2010.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/22/2021 12:15:15 PM | Set SampleApproved = True for sample Dec2011.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/22/2021 12:15:17 PM | Set SampleApproved = True for sample Dec2012.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/22/2021 12:15:19 PM | Set SampleApproved = True for sample Dec2013.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/22/2021 12:15:21 PM | Set SampleApproved = True for sample Dec2014.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/22/2021 12:15:22 PM | Set SampleApproved = True for sample Dec2015.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/22/2021 12:15:24 PM | Set SampleApproved = True for sample Dec2016.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/22/2021 12:15:27 PM | Set SampleApproved = True for sample Dec2017.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/22/2021 12:15:28 PM | Set SampleApproved = True for sample Dec2018.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/22/2021 12:15:32 PM | Set SampleApproved = True for sample Dec2019.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/22/2021 12:15:34 PM | Set SampleApproved = True for sample Dec2020.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/22/2021 12:15:36 PM | Set SampleApproved = True for sample Dec2021.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/22/2021 12:15:37 PM | Set SampleApproved = True for sample Dec2022.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/22/2021 12:15:39 PM | Set SampleApproved = True for sample Dec2023.D; previous value = False | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdSetSampleAttribute | BL2000\jheine | 12/22/2021 12:15:40 PM | Set SampleApproved = True for sample Dec2024.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/22/2021 12:15:42 PM | Set SampleApproved = True for sample Dec2025.D; previous value = False | | | ✓ | |
| CmdSaveBatchTable | BL2000\jheine | 12/22/2021 12:15:46 PM | Save batch \\MASSHUNTER\Org\Data\SV5975.I\sh 122021\1 e8270d bna SIM\QuantResults\122021 bna SIM 1.batch.bin | | | ✓ | |
| GenerateReport | BL2000\jheine | 12/22/2021 12:19:40 PM | Generates report - Method: D:\Org\reports\GCMSSEMI Report Templates\Calibration\Env_QuantResults_wGraphics+Chromatogram.m, Output Path: \\MASSHUNTER\Org\Data\SV5975.I\sh 122021\1 e8270d bna SIM\QuantReports\ | | | ✓ | |

# PREP BATCH REPORT

Prep Code: **SVOC-3510C-8270** Technician: **Zachary B. Zaccardi** Prep Start Date: **12/21/2021 10:16:05 A**

Prep Batch **162392** Prep Temp **NA °C** Batch Units: **ML** Prep End Date: **12/23/2021 9:09:00 A**

| Sample ID | Matrix | pH | Initial Samp Amt | Sol Added | Sol Recovered | Final Vol (mL) | Factor | Balance | Prep Start Date | Prep End Date |
|---|---|---|---|---|---|---|---|---|---|---|
| MB-162392 | | | 1000 | 0 | 0 | 1.00 | 0.001 | | 12/21/2021 | 12/23/2021 |
| LCS-162392 | | | 1000 | 0 | 0 | 1.00 | 0.001 | | 12/21/2021 | 12/23/2021 |
| LCSD-162392 | | | 1000 | 0 | 0 | 1.00 | 0.001 | | 12/21/2021 | 12/23/2021 |
| LLCSD-162392 | | | 1000 | 0 | 0 | 1.00 | 0.001 | | 12/21/2021 | 12/23/2021 |
| LLCS-162392 | | | 1000 | 0 | 0 | 1.00 | 0.001 | | 12/21/2021 | 12/23/2021 |
| B21121563-002A | Aqueous | 7 | 1000 | 0 | 0 | 1.00 | 0.001 | | 12/21/2021 | 12/23/2021 |
| Sample orange with precipitate | | | | | | | | | | |
| B21121605-001B | Ground Water | 6 | 1030 | 0 | 0 | 1.00 | 0.000971 | | 12/21/2021 | 12/23/2021 |
| Clear | | | | | | | | | | |
| B21121605-002B | Ground Water | 6 | 1010 | 0 | 0 | 1.00 | 0.00099 | | 12/21/2021 | 12/23/2021 |
| Sample has a yellow tint | | | | | | | | | | |
| B21121605-003B | Ground Water | 6 | 1010 | 0 | 0 | 1.00 | 0.00099 | | 12/21/2021 | 12/23/2021 |
| Sample clear | | | | | | | | | | |
| B21121606-001D | Aqueous | 7 | 990 | 0 | 0 | 1.00 | 0.00101 | | 12/21/2021 | 12/23/2021 |
| Sample has a yellow tint | | | | | | | | | | |
| B21121606-002D | Aqueous | 7 | 1030 | 0 | 0 | 1.00 | 0.000971 | | 12/21/2021 | 12/23/2021 |
| Sample has a yellow tint | | | | | | | | | | |
| B21121606-003D | Aqueous | 7 | 1050 | 0 | 0 | 1.00 | 0.000952 | | 12/21/2021 | 12/23/2021 |
| Sample has a yellow tint | | | | | | | | | | |
| B21121606-004D | Aqueous | 7 | 870 | 0 | 0 | 1.00 | 0.00115 | | 12/21/2021 | 12/23/2021 |
| Sample has a yellow tint | | | | | | | | | | |
| B21121606-005D | Aqueous | 7 | 840 | 0 | 0 | 1.00 | 0.00119 | | 12/21/2021 | 12/23/2021 |
| Sample has a yellow tint | | | | | | | | | | |
| B21121609-001B | Ground Water | 6 | 900 | 0 | 0 | 1.00 | 0.00111 | | 12/21/2021 | 12/23/2021 |
| Sample turbid with a yellow tint. low level surr | | | | | | | | | | |
| B21121611-001A | Ground Water | 6 | 1000 | 0 | 0 | 1.00 | 0.001 | | 12/21/2021 | 12/23/2021 |
| Sample turbid with a yellow tint | | | | | | | | | | |

| Number | Reagent Name | Exp Date | |
|---|---|---|---|
| 13124 | Sulfuric Acid 2020070739 | 7/2/2022 | 2mL |
| 13273 | pH-indicator Strips 0-14 HC025486 | 9/30/2024 | |
| 14196 | Dichloromethane EB867 | 6/18/2023 | 100,50 |
| 14518 | Dichloromethane EC735 | 10/14/2023 | |

| Spk ID | Spike Name | SampType | AmtAdd | Exp Date |
|---|---|---|---|---|
| FP211210 14446 | DCM RINSED FILTER PAPER | ALL | | 4/6/2026 |
| Sulfate 12/13/21 ( | Baked Sodium Sulfate | ALL | varies | 11/29/2026 |
| sv83418 | Benzidines | LCS; MS | 50 uL; 25 | 3/17/2024 |
| sv92702 | LCS/Add Extractions | LCS; MS; LLCS/D | 1.0 mL; 0. | 1/14/2022 |
| sv92701 | LL BNA Surr | SAMP, LMS, LLC | 100 uL | 1/30/2022 |
| SVOC NaOH 111 | 10 N NaOH | SAMP, MB, LCS, | 5 drops | 7/31/2023 |
| sv92612 | BNA Surr | SAMP, MB, LCS; | 100 uL; 5 | 3/31/2022 |

# PREP BATCH REPORT

Prep Code: **SVOC-3510C-8270** Technician: **Zachary B. Zaccardi** Prep Start Date: **12/21/2021 10:16:05 A**

Prep Batch **162392** Prep Temp **NA °C** Batch Units: **ML** Prep End Date: **12/23/2021 9:09:00 A**

| Sample ID | Matrix | pH | Initial Samp Amt | Sol Added | Sol Recovered | Final Vol (mL) | Factor | Balance | Prep Start Date | Prep End Date |
|---|---|---|---|---|---|---|---|---|---|---|
| B21121613-001C | Ground Water | 6 | 990 | 0 | 0 | 1.00 | 0.00101 | | 12/21/2021 | 12/23/2021 |
| Sample clear | | | | | | | | | | |
| B21121613-001CLMS | Ground Water | 6 | 1010 | 0 | 0 | 1.00 | 0.00099 | | 12/21/2021 | 12/23/2021 |
| Sample clear | | | | | | | | | | |
| B21121613-001CLMSD | Ground Water | 6 | 1000 | 0 | 0 | 1.00 | 0.001 | | 12/21/2021 | 12/23/2021 |
| Sample clear | | | | | | | | | | |
| B21121613-002A | Ground Water | 6 | 1030 | 0 | 0 | 1.00 | 0.000971 | | 12/21/2021 | 12/23/2021 |
| Sample clear. low level surr | | | | | | | | | | |
| B21121616-001B | Ground Water | 6 | 990 | 0 | 0 | 1.00 | 0.00101 | | 12/21/2021 | 12/23/2021 |
| Sample has a yellow tint. low level surr | | | | | | | | | | |
| B21121622-001A | Ground Water | 6 | 1050 | 0 | 0 | 1.00 | 0.000952 | | 12/21/2021 | 12/23/2021 |
| Sample clear. low level surr | | | | | | | | | | |
| B21121622-002A | Ground Water | 6 | 1050 | 0 | 0 | 1.00 | 0.000952 | | 12/21/2021 | 12/23/2021 |
| Sample clear. low level surr | | | | | | | | | | |
| B21121622-003A | Ground Water | 6 | 940 | 0 | 0 | 1.00 | 0.00106 | | 12/21/2021 | 12/23/2021 |
| Sample clear | | | | | | | | | | |
| B21121623-001B | Ground Water | 6 | 1050 | 0 | 0 | 1.00 | 0.000952 | | 12/21/2021 | 12/23/2021 |
| Sample clear. low level surr | | | | | | | | | | |
| B21121605-001BMS | Ground Water | 6 | 1030 | 0 | 0 | 1.00 | 0.000971 | | 12/21/2021 | 12/23/2021 |
| Sample clear | | | | | | | | | | |
| B21121402-001Arex | Ground Water | 6 | 990 | 0 | 0 | 1.00 | 0.00101 | | 12/21/2021 | 12/23/2021 |
| Sample turbid | | | | | | | | | | |

| Number | Reagent Name | Exp Date | A |
|---|---|---|---|
| 13124 | Sulfuric Acid 2020070739 | 7/2/2022 | 2mL |
| 13273 | pH-indicator Strips 0-14 HC025486 | 9/30/2024 | |
| 14196 | Dichloromethane EB867 | 6/18/2023 | 100,50 |
| 14518 | Dichloromethane EC735 | 10/14/2023 | |

| Spk ID | Spike Name | SampType | AmtAdd | Exp Date |
|---|---|---|---|---|
| FP211210 14446 | DCM RINSED FILTER PAPER | ALL | | 4/6/2026 |
| Sulfate 12/13/21 ( | Baked Sodium Sulfate | ALL | varies | 11/29/2026 |
| sv83418 | Benzidines | LCS; MS | 50 uL; 25 | 3/17/2024 |
| sv92702 | LCS/Add Extractions | LCS; MS; LLCS/D | 1.0 mL; 0. | 1/14/2022 |
| sv92701 | LL BNA Surr | SAMP, LMS, LLC | 100 uL | 1/30/2022 |
| SVOC NaOH 111 | 10 N NaOH | SAMP, MB, LCS, | 5 drops | 7/31/2023 |
| sv92612 | BNA Surr | SAMP, MB, LCS; | 100 uL; 5 | 3/31/2022 |

# Energy Laboratories Inc

# ANALYTICAL RUN Summary

*06-Jan-22*

**Run ID** SV5975.I_211223A

| | |
|---|---|
| **Run Start Date:** | 12/23/2021 |
| **Analyst:** | John P. Heine |
| **Ical:** | |
| **Column ID:** | ZB-SemiVolatiles |
| **Comments:** | |

| Std ID | Std Name | Std Amount | Std Units | Samp Amount | Samp Units | SampType | Expiration Date |
|---|---|---|---|---|---|---|---|
| dcmsvoc13 | DCM | | | | | | 11/17/2022 |
| sv100210 | BNA 2nd source 200ug/mL | 2 | ul | 198 | ul | ICV | 1/15/2022 |
| sv100506 | BNA low 50 ug/mL | 8 | ul | 192 | ul | CCV | 3/31/2022 |
| sv100703 | BNA Internals 2000 ug/mL | 50 | ul | 50 | ul | TUNE | 5/31/2022 |
| sv83311 | DFTPP 1000 ug/mL | 50 | ul | 50 | ul | TUNE | 10/31/2022 |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14947329 | Dec2301_D_TU | SVOC-8270-DF | TUNE | /5975.I\sh122321\12/23/2021 10:2 | | 1 | R372332 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 127, % of mass 198 | A | % | 54.1 | 54.1 | | 100 | 0 | 0 | 0 | 0.01 | 0 | 54% | 40 | 60 | 0% | |
| 197, % of mass 198 | A | % | 0 | 0 | | 100 | 0 | 0 | 0 | 0.01 | 0 | 0% | 0 | 0.99 | 0% | |
| 198, Base Peak | A | % | 100 | 100 | | 100 | 0 | 0 | 0 | 0.01 | 0 | 100% | 100 | 100 | 0% | |
| 199, % of mass 198 | A | % | 6.8 | 6.8 | | 100 | 0 | 0 | 0 | 0.01 | 0 | 7% | 5 | 9 | 0% | |
| 275, % of mass 198 | A | % | 28.9 | 28.9 | | 100 | 0 | 0 | 0 | 0.01 | 0 | 29% | 10 | 30 | 0% | |
| 365, % of mass 198 | A | % | 3.1 | 3.1 | | 100 | 0 | 0 | 0 | 0.01 | 0 | 3% | 1 | 99.99 | 0% | |
| 441, % of mass 443 | A | % | 92 | 92 | | 100 | 0 | 0 | 0 | 0.01 | 0 | 92% | 0.01 | 150 | 0% | |
| 442, % of mass 198 | A | % | 72.6 | 72.6 | | 100 | 0 | 0 | 0 | 0.01 | 0 | 73% | 40 | 100 | 0% | |
| 443, % of mass 442 | A | % | 19.4 | 19.4 | | 100 | 0 | 0 | 0 | 0.01 | 0 | 19% | 17 | 23 | 0% | |
| 51, % of mass 198 | A | % | 46.6 | 46.6 | | 100 | 0 | 0 | 0 | 0.01 | 0 | 47% | 30 | 60 | 0% | |
| 68, % of mass 69 | A | % | 0 | 0 | | 100 | 0 | 0 | 0 | 0.01 | 0 | 0% | 0 | 1.99 | 0% | |
| 70, % of mass 69 | A | % | 0.7 | 0.7 | | 100 | 0 | 0 | 0 | 0.01 | 0 | 1% | 0 | 1.99 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14947330 | 23-Dec-21_CCV | SVOC-8270-W- | CCV | /5975.I\sh122321\ | 12/23/2021 10:5 | 1 | R372332 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | A | ug/L | 2.25139 | 2.25139 | | 2 | 0 | 0 | 0.0206 | 0.1 | 10 | 113% | 80 | 120 | 0% | |
| 2-Methylnaphthalene | A | ug/L | 2.2956 | 2.2956 | | 2 | 0 | 0 | 0.0176 | 0.1 | 10 | 115% | 80 | 120 | 0% | |
| Naphthalene | A | ug/L | 2.22172 | 2.22172 | | 2 | 0 | 0 | 0.029 | 0.1 | 10 | 111% | 80 | 120 | 0% | |
| 2-Fluorobiphenyl | S | ug/L | 2.32513 | 2.32513 | | 2 | 0 | 0 | 0.0444 | 0.1 | 10 | 116% | 80 | 120 | 0% | |
| Nitrobenzene-d5 | S | ug/L | 2.01678 | 2.01678 | | 2 | 0 | 0 | 0.0523 | 0.1 | 10 | 101% | 80 | 120 | 0% | |
| Terphenyl-d14 | S | ug/L | 2.18593 | 2.18593 | | 2 | 0 | 0 | 0.0563 | 0.1 | 10 | 109% | 80 | 120 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14947331 | 23-Dec-21_ISTB | SVOC-8270-W- | SAMP | /5975.I\sh122321\ | 12/23/2021 11:2 | 1 | R372332 | | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0206 | 0.1 | 10 | 0% | 0 | 0 | 0% | |
| 2-Methylnaphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0176 | 0.1 | 10 | 0% | 0 | 0 | 0% | |
| Naphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.029 | 0.1 | 10 | 0% | 0 | 0 | 0% | |
| 2-Fluorobiphenyl | S | ug/L | 0 | 0 | | 5 | 0 | 0 | 0.0444 | 0.1 | 10 | 0% | 25 | 94 | 0% | S |
| Nitrobenzene-d5 | S | ug/L | 0 | 0 | | 5 | 0 | 0 | 0.0523 | 0.1 | 10 | 0% | 19 | 102 | 0% | S |
| Terphenyl-d14 | S | ug/L | 0 | 0 | | 5 | 0 | 0 | 0.0563 | 0.1 | 10 | 0% | 39 | 106 | 0% | S |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14947332 | MB-162392 | SVOC-8270-W- | MBLK | /5975.I\sh122321\ | 12/23/2021 11:5 | 1 | 162392 | 12/21/2021 | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0206 | 0.05 | 10 | 0% | | | 0% | |
| 2-Methylnaphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0176 | 0.05 | 10 | 0% | | | 0% | |
| Naphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.029 | 0.05 | 10 | 0% | | | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14947333 | MB-162392 | SVOC-8270-W- | MBLK | /5975.I\sh122321\ | 12/23/2021 12:2 | 20 | 162392 | 12/21/2021 | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | S | ug/L | 2.81634 | 56.3268 | | 100 | 0 | 0 | 0.888 | 2 | 10 | 56% | 53 | 106 | 0% | |
| Nitrobenzene-d5 | S | ug/L | 2.95477 | 59.0954 | | 100 | 0 | 0 | 1.046 | 2 | 10 | 59% | 55 | 111 | 0% | |
| Terphenyl-d14 | S | ug/L | 5.77766 | 115.5532 | | 100 | 0 | 0 | 1.126 | 2 | 10 | 116% | 58 | 132 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14947334 | LLCS-162392 | SVOC-8270-W- | LCS-DOD | /5975.I\sh122321\ | 12/23/2021 1:02: | 1 | 162392 | 12/21/2021 | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | A | ug/L | 3.10317 | 3.10317 | | 5 | 0 | 0 | 0.0206 | 0.1 | 10 | 62% | 41 | 115 | 0% | |
| 2-Methylnaphthalene | A | ug/L | 3.12218 | 3.12218 | | 5 | 0 | 0 | 0.0176 | 0.1 | 10 | 62% | 39 | 114 | 0% | |
| Naphthalene | A | ug/L | 3.01841 | 3.01841 | | 5 | 0 | 0 | 0.029 | 0.1 | 10 | 60% | 43 | 114 | 0% | |
| 2-Fluorobiphenyl | S | ug/L | 4.19619 | 4.19619 | | 5 | 0 | 0 | 0.0444 | 0.1 | 10 | 84% | 53 | 106 | 0% | |
| Nitrobenzene-d5 | S | ug/L | 3.95947 | 3.95947 | | 5 | 0 | 0 | 0.0523 | 0.1 | 10 | 79% | 55 | 111 | 0% | |
| Terphenyl-d14 | S | ug/L | 5.12684 | 5.12684 | | 5 | 0 | 0 | 0.0563 | 0.1 | 10 | 103% | 58 | 132 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14947335 | LLCSD-162392 | SVOC-8270-W- | LCSD-DOD | /5975.I\sh122321\ | 12/23/2021 1:34: | 1 | 162392 | 12/21/2021 | 0 | 1E+07 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | A | ug/L | 3.01724 | 3.01724 | | 5 | 0 | 3.10317 | 0.0206 | 0.1 | 10 | 60% | 41 | 115 | 3% | |
| 2-Methylnaphthalene | A | ug/L | 2.82938 | 2.82938 | | 5 | 0 | 3.12218 | 0.0176 | 0.1 | 10 | 57% | 39 | 114 | 10% | |
| Naphthalene | A | ug/L | 2.97219 | 2.97219 | | 5 | 0 | 3.01841 | 0.029 | 0.1 | 10 | 59% | 43 | 114 | 2% | |
| 2-Fluorobiphenyl | S | ug/L | 4.34642 | 4.34642 | | 5 | 0 | 0 | 0.0444 | 0.1 | 10 | 87% | 53 | 106 | 0% | |
| Nitrobenzene-d5 | S | ug/L | 3.98761 | 3.98761 | | 5 | 0 | 0 | 0.0523 | 0.1 | 10 | 80% | 55 | 111 | 0% | |
| Terphenyl-d14 | S | ug/L | 5.46072 | 5.46072 | | 5 | 0 | 0 | 0.0563 | 0.1 | 10 | 109% | 58 | 132 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14947336 | B21121402-001 | SVOC-8270-W- | SAMP | /5975.I\sh122321\ | 12/23/2021 2:07: | 1 | 162392 | 12/21/2021 | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.020806 | 0.101 | 10 | 0% | 0 | 0 | 0% | |
| 2-Methylnaphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.017776 | 0.101 | 10 | 0% | 0 | 0 | 0% | |
| Naphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.02929 | 0.101 | 10 | 0% | 0 | 0 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14947337 | B21121402-001 | SVOC-8270-W- | SAMP | /5975.I\sh122321\ | 12/23/2021 2:40: | 20 | 162392 | 12/21/2021 | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | S | ug/L | 3.92182 | 79.220764 | | 101 | 0 | 0 | 0.89688 | 2.02 | 10 | 78% | 53 | 106 | 0% | |
| Nitrobenzene-d5 | S | ug/L | 2.48617 | 50.220634 | | 101 | 0 | 0 | 1.05646 | 2.02 | 10 | 50% | 55 | 111 | 0% | S |
| Terphenyl-d14 | S | ug/L | 4.55379 | 91.986558 | | 101 | 0 | 0 | 1.13726 | 2.02 | 10 | 91% | 58 | 132 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14947338 | B21121605-001 | SVOC-8270-W- | SAMP | /5975.I\sh122321\ | 12/23/2021 3:13: | 1 | 162392 | 12/21/2021 | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0200026 | 0.1 | 10 | 0% | 0 | 0 | 0% | U |
| 2-Methylnaphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0170896 | 0.1 | 10 | 0% | 0 | 0 | 0% | U |
| Naphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.028159 | 0.1 | 10 | 0% | 0 | 0 | 0% | U |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14947339 | B21121605-001 | SVOC-8270-W- | SAMP | /5975.I\sh122321\ | 12/23/2021 3:45: | 20 | 162392 | 12/21/2021 | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | S | ug/L | 4.72871 | 91.8315482 | | 97.1 | 0 | 0 | 0.862248 | 1.942 | 10 | 95% | 53 | 106 | 0% | |
| Nitrobenzene-d5 | S | ug/L | 3.54038 | 68.7541796 | | 97.1 | 0 | 0 | 1.015666 | 1.942 | 10 | 71% | 55 | 111 | 0% | |
| Terphenyl-d14 | S | ug/L | 5.46698 | 106.168752 | | 97.1 | 0 | 0 | 1.093346 | 1.942 | 10 | 109% | 58 | 132 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14947340 | B21121605-002 | SVOC-8270-W- | SAMP | /5975.I\sh122321\ | 12/23/2021 4:18: | 1 | 162392 | 12/21/2021 | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.020394 | 0.1 | 10 | 0% | 0 | 0 | 0% | U |
| 2-Methylnaphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.017424 | 0.1 | 10 | 0% | 0 | 0 | 0% | U |
| Naphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.02871 | 0.1 | 10 | 0% | 0 | 0 | 0% | U |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14947341 | B21121605-002 | SVOC-8270-W- | SAMP | /5975.I\sh122321\ | 12/23/2021 4:51: | 20 | 162392 | 12/21/2021 | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | S | ug/L | 4.41087 | 87.335226 | | 99 | 0 | 0 | 0.87912 | 1.98 | 10 | 88% | 53 | 106 | 0% | |
| Nitrobenzene-d5 | S | ug/L | 2.88928 | 57.207744 | | 99 | 0 | 0 | 1.03554 | 1.98 | 10 | 58% | 55 | 111 | 0% | |
| Terphenyl-d14 | S | ug/L | 4.99697 | 98.940006 | | 99 | 0 | 0 | 1.11474 | 1.98 | 10 | 100% | 58 | 132 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14947342 | B21121605-003 | SVOC-8270-W- | SAMP | /5975.I\sh122321\ | 12/23/2021 5:24: | 1 | 162392 | 12/21/2021 | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14947342 | B21121605-003 | SVOC-8270-W- | SAMP | /5975.I\sh122321\ | 12/23/2021 5:24: | 1 | 162392 | 12/21/2021 | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.020394 | 0.1 | 10 | 0% | 0 | 0 | 0% | U |
| 2-Methylnaphthalene | A | ug/L | 0.05355 | 0.0530145 | | 0 | 0 | 0 | 0.017424 | 0.1 | 10 | 0% | 0 | 0 | 0% | J |
| Naphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.02871 | 0.1 | 10 | 0% | 0 | 0 | 0% | U |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14947343 | B21121605-003 | SVOC-8270-W- | SAMP | /5975.I\sh122321\ | 12/23/2021 5:57: | 20 | 162392 | 12/21/2021 | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | S | ug/L | 4.39213 | 86.964174 | | 99 | 0 | 0 | 0.87912 | 1.98 | 10 | 88% | 53 | 106 | 0% | |
| Nitrobenzene-d5 | S | ug/L | 2.88766 | 57.175668 | | 99 | 0 | 0 | 1.03554 | 1.98 | 10 | 58% | 55 | 111 | 0% | |
| Terphenyl-d14 | S | ug/L | 5.26487 | 104.244426 | | 99 | 0 | 0 | 1.11474 | 1.98 | 10 | 105% | 58 | 132 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14947344 | B21121609-001 | SVOC-8270-W- | SAMP | /5975.I\sh122321\ | 12/23/2021 6:29: | 1 | 162392 | 12/21/2021 | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.022866 | 0.111 | 10 | 0% | 0 | 0 | 0% | U |
| 2-Methylnaphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.019536 | 0.111 | 10 | 0% | 0 | 0 | 0% | U |
| Naphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.03219 | 0.111 | 10 | 0% | 0 | 0 | 0% | U |
| 2-Fluorobiphenyl | S | ug/L | 3.94287 | 4.3765857 | | 5.55 | 0 | 0 | 0.049284 | 0.111 | 10 | 79% | 53 | 106 | 0% | |
| Nitrobenzene-d5 | S | ug/L | 3.51012 | 3.8962332 | | 5.55 | 0 | 0 | 0.058053 | 0.111 | 10 | 70% | 55 | 111 | 0% | |
| Terphenyl-d14 | S | ug/L | 5.10683 | 5.6685813 | | 5.55 | 0 | 0 | 0.062493 | 0.111 | 10 | 102% | 58 | 132 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14947345 | B21121609-001 | SVOC-8270-W- | SAMP | /5975.I\sh122321\ | 12/23/2021 7:02: | 20 | 162392 | 12/21/2021 | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14947346 | B21121611-001 | SVOC-8270-W- | SAMP | /5975.I\sh122321\ | 12/23/2021 7:35: | 1 | 162392 | 12/21/2021 | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14947346 | B21121611-001 | SVOC-8270-W- | SAMP | /5975.I\sh122321\ | 12/23/2021 7:35: | 1 | 162392 | 12/21/2021 | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0206 | 0.1 | 10 | 0% | 0 | 0 | 0% | U |
| 2-Methylnaphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.0176 | 0.1 | 10 | 0% | 0 | 0 | 0% | U |
| Naphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.029 | 0.1 | 10 | 0% | 0 | 0 | 0% | U |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14947347 | B21121611-001 | SVOC-8270-W- | SAMP | /5975.I\sh122321\ | 12/23/2021 8:08: | 20 | 162392 | 12/21/2021 | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | S | ug/L | 3.39456 | 67.8912 | | 100 | 0 | 0 | 0.888 | 2 | 10 | 68% | 53 | 106 | 0% | |
| Nitrobenzene-d5 | S | ug/L | 2.70422 | 54.0844 | | 100 | 0 | 0 | 1.046 | 2 | 10 | 54% | 55 | 111 | 0% | S |
| Terphenyl-d14 | S | ug/L | 4.50213 | 90.0426 | | 100 | 0 | 0 | 1.126 | 2 | 10 | 90% | 58 | 132 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14947348 | B21121613-001 | SVOC-8270-W- | SAMP | /5975.I\sh122321\ | 12/23/2021 8:40: | 1 | 162392 | 12/21/2021 | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.020806 | 0.101 | 10 | 0% | 0 | 0 | 0% | U |
| 2-Methylnaphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.017776 | 0.101 | 10 | 0% | 0 | 0 | 0% | U |
| Naphthalene | A | ug/L | 0 | 0 | | 0 | 0 | 0 | 0.02929 | 0.101 | 10 | 0% | 0 | 0 | 0% | U |
| 2-Fluorobiphenyl | S | ug/L | 4.04806 | 4.0885406 | | 5.05 | 0 | 0 | 0.044844 | 0.101 | 10 | 81% | 53 | 106 | 0% | |
| Nitrobenzene-d5 | S | ug/L | 3.34166 | 3.3750766 | | 5.05 | 0 | 0 | 0.052823 | 0.101 | 10 | 67% | 55 | 111 | 0% | |
| Terphenyl-d14 | S | ug/L | 4.05691 | 4.0974791 | | 5.05 | 0 | 0 | 0.056863 | 0.101 | 10 | 81% | 58 | 132 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14947349 | B21121613-001 | SVOC-8270-W- | SAMP | /5975.I\sh122321\ | 12/23/2021 9:13: | 20 | 162392 | 12/21/2021 | 0 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14947350 | B21121613-001 | SVOC-8270-W- | MS-DOD | /5975.I\sh122321\ | 12/23/2021 9:45: | 1 | 162392 | 12/21/2021 | 1E+07 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14947350 | B21121613-001 | SVOC-8270-W- | MS-DOD | /5975.I\sh122321\ | 12/23/2021 9:45: | 1 | 162392 | 12/21/2021 | 1E+07 | 0 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | A | ug/L | 3.53731 | 3.5019369 | | 4.95 | 0 | 0 | 0.020394 | 0.1 | 10 | 71% | 41 | 115 | 0% | |
| 2-Methylnaphthalene | A | ug/L | 3.87374 | 3.8350026 | | 4.95 | 0 | 0 | 0.017424 | 0.1 | 10 | 77% | 39 | 114 | 0% | |
| Naphthalene | A | ug/L | 3.69337 | 3.6564363 | | 4.95 | 0 | 0 | 0.02871 | 0.1 | 10 | 74% | 43 | 114 | 0% | |
| 2-Fluorobiphenyl | S | ug/L | 4.98195 | 4.9321305 | | 4.95 | 0 | 0 | 0.043956 | 0.1 | 10 | 100% | 53 | 106 | 0% | |
| Nitrobenzene-d5 | S | ug/L | 4.17419 | 4.1324481 | | 4.95 | 0 | 0 | 0.051777 | 0.1 | 10 | 83% | 55 | 111 | 0% | |
| Terphenyl-d14 | S | ug/L | 5.35829 | 5.3047071 | | 4.95 | 0 | 0 | 0.055737 | 0.1 | 10 | 107% | 58 | 132 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14947351 | B21121613-001 | SVOC-8270-W- | MSD-DOD | /5975.I\sh122321\ | 12/23/2021 10:1 | 1 | 162392 | 12/21/2021 | 1E+07 | 1E+07 | |

| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | A | ug/L | 3.32748 | 3.32748 | | 5 | 0 | 3.5019369 | 0.0206 | 0.1 | 10 | 67% | 41 | 115 | 5% | |
| 2-Methylnaphthalene | A | ug/L | 3.51825 | 3.51825 | | 5 | 0 | 3.8350026 | 0.0176 | 0.1 | 10 | 70% | 39 | 114 | 9% | |
| Naphthalene | A | ug/L | 3.51949 | 3.51949 | | 5 | 0 | 3.6564363 | 0.029 | 0.1 | 10 | 70% | 43 | 114 | 4% | |
| 2-Fluorobiphenyl | S | ug/L | 4.75535 | 4.75535 | | 5 | 0 | 0 | 0.0444 | 0.1 | 10 | 95% | 53 | 106 | 0% | |
| Nitrobenzene-d5 | S | ug/L | 3.88501 | 3.88501 | | 5 | 0 | 0 | 0.0523 | 0.1 | 10 | 78% | 55 | 111 | 0% | |
| Terphenyl-d14 | S | ug/L | 5.25753 | 5.25753 | | 5 | 0 | 0 | 0.0563 | 0.1 | 10 | 105% | 58 | 132 | 0% | |

| Seq No | Lab ID | Test Code | Sample Typ | File ID | Analysis Date | DF | Batch ID | Prep Date | SPKref | RPDref | pmoist |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14947352 | 23-Dec-21_CCV | SVOC-8270-W- | CCV | /5975.I\sh122321\ | 12/23/2021 10:5 | 1 | R372332 | | 0 | 0 | |

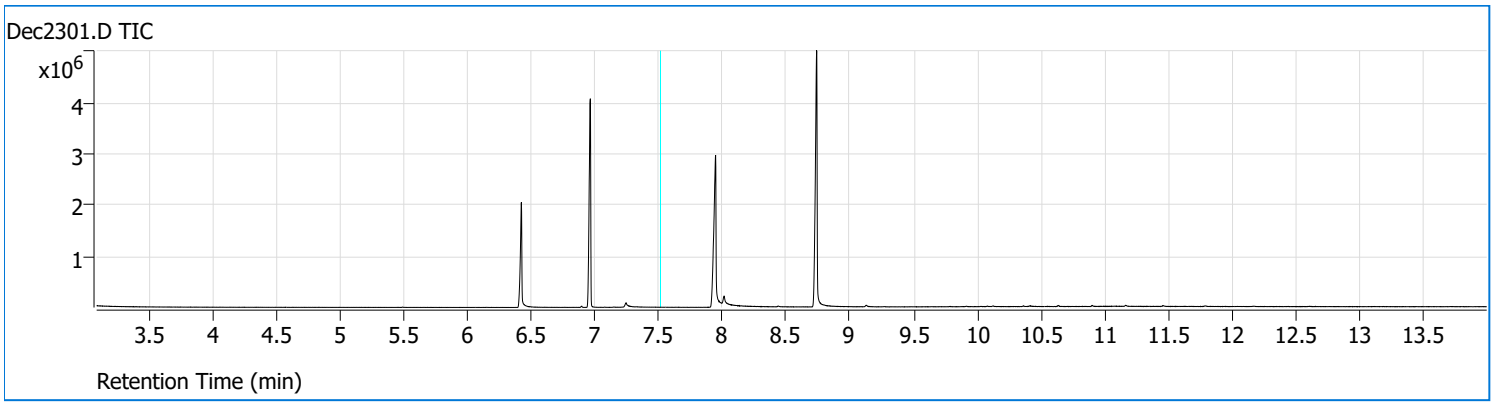
| Analyte | T | Units | RAW | Final | Text | Spike | SPKref | RPDref | MDL | PQL | UQL | %REC | LOW | HIGH | %RPD | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | A | ug/L | 2.5015 | 2.5015 | | 2 | 0 | 0 | 0.0206 | 0.1 | 10 | 125% | 50 | 150 | 0% | |
| 2-Methylnaphthalene | A | ug/L | 2.40046 | 2.40046 | | 2 | 0 | 0 | 0.0176 | 0.1 | 10 | 120% | 50 | 150 | 0% | |
| Naphthalene | A | ug/L | 2.4184 | 2.4184 | | 2 | 0 | 0 | 0.029 | 0.1 | 10 | 121% | 50 | 150 | 0% | |
| 2-Fluorobiphenyl | S | ug/L | 2.56212 | 2.56212 | | 2 | 0 | 0 | 0.0444 | 0.1 | 10 | 128% | 50 | 150 | 0% | |
| Nitrobenzene-d5 | S | ug/L | 2.12578 | 2.12578 | | 2 | 0 | 0 | 0.0523 | 0.1 | 10 | 106% | 50 | 150 | 0% | |
| Terphenyl-d14 | S | ug/L | 1.99159 | 1.99159 | | 2 | 0 | 0 | 0.0563 | 0.1 | 10 | 100% | 50 | 150 | 0% | |

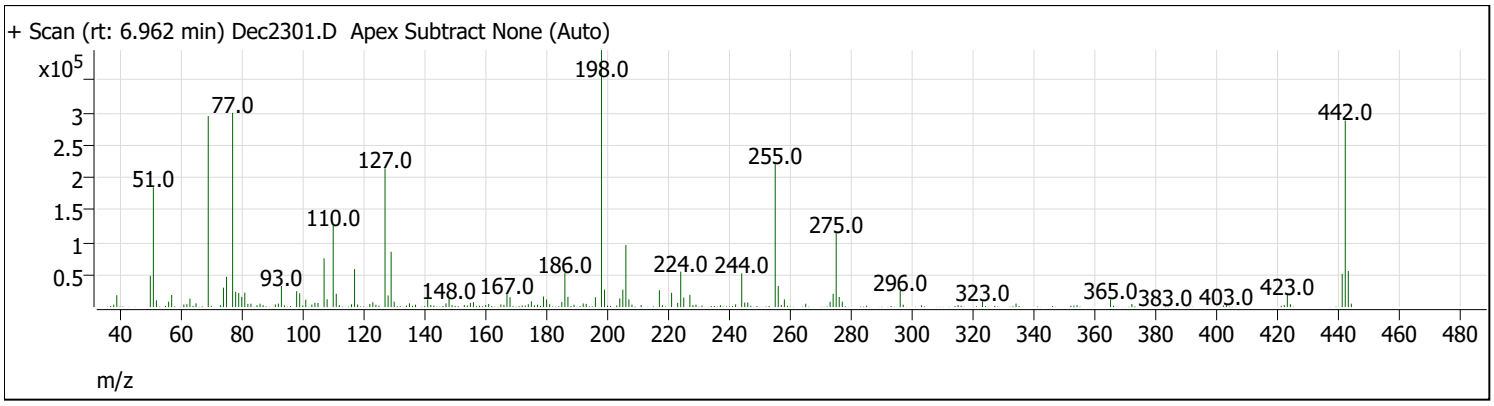
Write Sequence | Insert Entries(Have the first cell for entries selecte

| File Name | Sample Name | Line No. | Test Code | Multiplier | Divisor | Method Name |
|---|---|---|---|---|---|---|
| Dec2301.d | 23-Dec-21_TUNE_1 | 1 | | 1 | 1 | 5975Tune.M |
| Dec2302.d | 23-Dec-21_CCV_2 | 2 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2303.d | 23-Dec-21_ISTBLK_3 | 3 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2304.d | MB-162392 | 4 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2305.d | MB-162392 | 5 | SVOC-8270-W-LLPAH | 20 | 1 | 5975BNASIM.M |
| Dec2306.d | LLCS-162392 | 6 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2307.d | LLCSD-162392 | 7 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2308.d | B21121402-001Arex | 8 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2309.d | B21121402-001Arex | 9 | SVOC-8270-W-LLPAH | 20 | 1 | 5975BNASIM.M |
| Dec2310.d | B21121605-001B | 10 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2311.d | B21121605-001B | 11 | SVOC-8270-W-LLPAH | 20 | 1 | 5975BNASIM.M |
| Dec2312.d | B21121605-002B | 12 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2313.d | B21121605-002B | 13 | SVOC-8270-W-LLPAH | 20 | 1 | 5975BNASIM.M |
| Dec2314.d | B21121605-003B | 14 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2315.d | B21121605-003B | 15 | SVOC-8270-W-LLPAH | 20 | 1 | 5975BNASIM.M |
| Dec2316.d | B21121609-001B | 16 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2317.d | B21121609-001B | 17 | SVOC-8270-W-LLPAH | 20 | 1 | 5975BNASIM.M |
| Dec2318.d | B21121611-001A | 18 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2319.d | B21121611-001A | 19 | SVOC-8270-W-LLPAH | 20 | 1 | 5975BNASIM.M |
| Dec2320.d | B21121613-001C | 20 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2321.d | B21121613-001C | 21 | SVOC-8270-W-LLPAH | 20 | 1 | 5975BNASIM.M |
| Dec2322.d | B21121613-001CLMS | 22 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2323.d | B21121613-001CLMSD | 23 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2324.d | 23-Dec-21_CCV_24 | 24 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2325.d | 23-Dec-21_TUNE_25 | 25 | | 1 | 1 | 5975Tune.M |
| Dec2326.d | 23-Dec-21_CCV_26 | 26 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2327.d | 23-Dec-21_ISTBLK_27 | 27 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2328.d | B21121613-002A | 28 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2329.d | B21121613-002A | 29 | SVOC-8270-W-LLPAH | 20 | 1 | 5975BNASIM.M |
| Dec2330.d | B21121616-001B | 30 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2331.d | B21121616-001B | 31 | SVOC-8270-W-LLPAH | 20 | 1 | 5975BNASIM.M |
| Dec2332.d | B21121622-001A | 32 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2333.d | B21121622-001A | 33 | SVOC-8270-W-LLPAH | 20 | 1 | 5975BNASIM.M |
| Dec2334.d | B21121622-002A | 34 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2335.d | B21121622-002A | 35 | SVOC-8270-W-LLPAH | 20 | 1 | 5975BNASIM.M |
| Dec2336.d | B21121622-003A | 36 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2337.d | B21121622-003A | 37 | SVOC-8270-W-LLPAH | 20 | 1 | 5975BNASIM.M |
| Dec2338.d | B21121623-001B | 38 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |
| Dec2339.d | B21121623-001B | 39 | SVOC-8270-W-LLPAH | 20 | 1 | 5975BNASIM.M |
| Dec2340.d | 23-Dec-21_CCV_40 | 40 | SVOC-8270-W-LLPAH | 1 | 1 | 5975BNASIM.M |

# Tune Evaluation Report

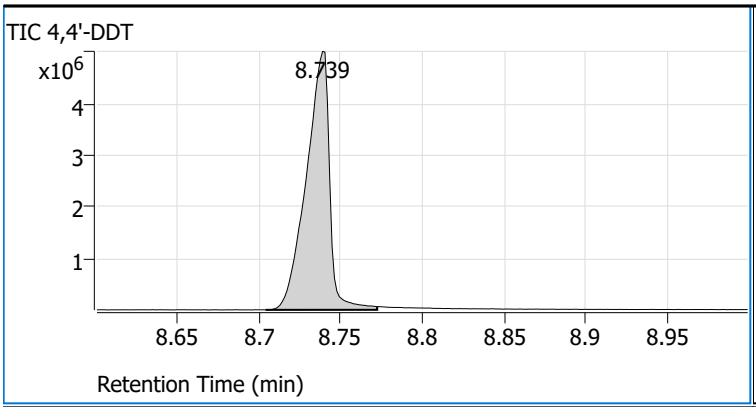
| | |
|---|---|
| Data Path: | \\MASSHUNTER\Org\Data\SV5975.I\sh122321\1 e8270d bna SIM\Dec2301.D |
| Acq on: | 12/23/2021 10:26:26 AM |
| Operator: | LIMS import |
| Sample: | 23-Dec-21_TUNE_1 |
| Inst Name: | GCMS |
| ALS Vial: | 1 |
| Method: | \\MASSHUNTER\Org\Data\SV5975.I\Methods\DFTPP5975625.m |

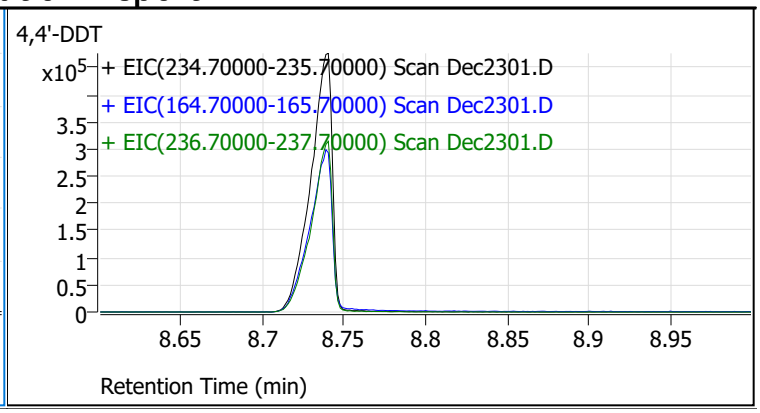


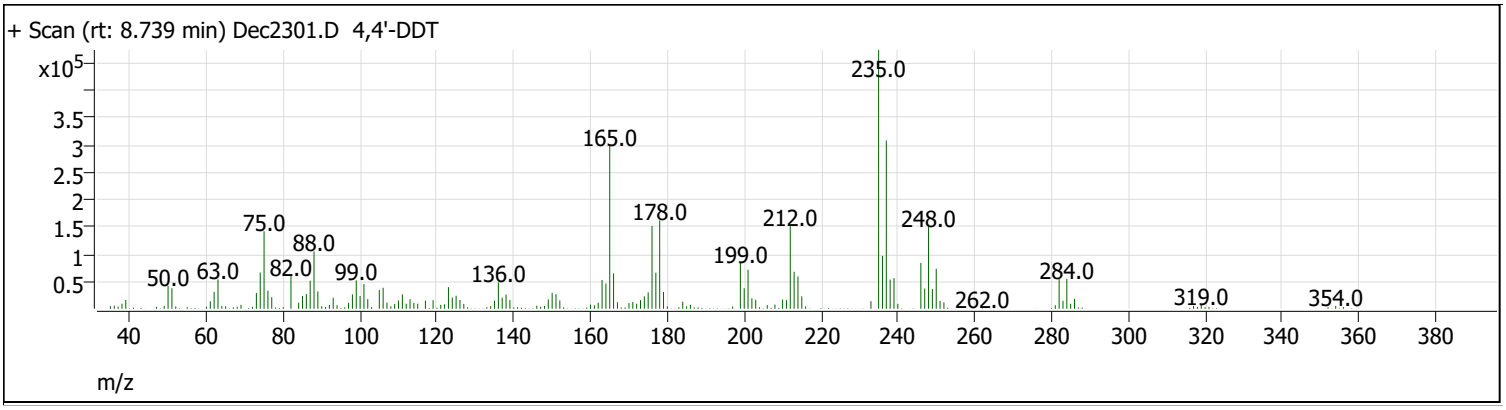



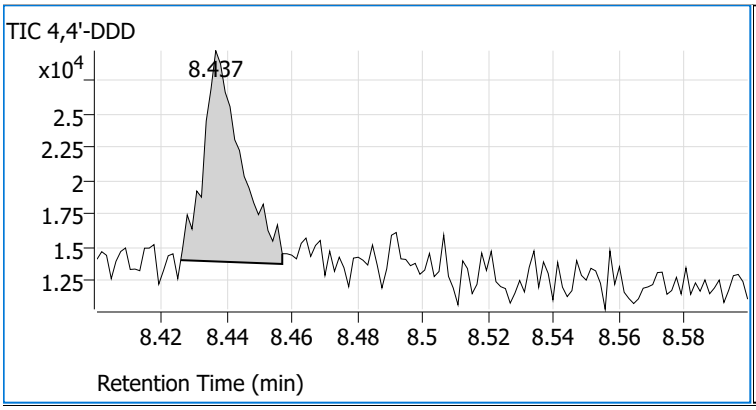

| Target Mass | Rel. To Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Pass/Fail |
|---|---|---|---|---|---|---|
| 51 | 198 | 30 | 60 | 46.6 | 184640 | Pass |
| 68 | 69 | 0 | 2 | 0.0 | 0 | Pass |
| 70 | 69 | 0 | 2 | 0.7 | 1996 | Pass |
| 127 | 198 | 40 | 60 | 54.1 | 214208 | Pass |
| 197 | 198 | 0 | 1 | 0.0 | 0 | Pass |
| 198 | 198 | 100 | 100 | 100.0 | 396160 | Pass |
| 199 | 198 | 5 | 9 | 6.8 | 26872 | Pass |
| 275 | 198 | 10 | 30 | 28.9 | 114328 | Pass |
| 365 | 198 | 1 | 100 | 3.1 | 12139 | Pass |
| 441 | 443 | 1E-10 | 150 | 92.0 | 51224 | Pass |
| 442 | 198 | 40 | 100 | 72.6 | 287744 | Pass |
| 443 | 442 | 17 | 23 | 19.4 | 55696 | Pass |
| 69 | 69 | 100 | 100 | 100.0 | 294528 | Pass |

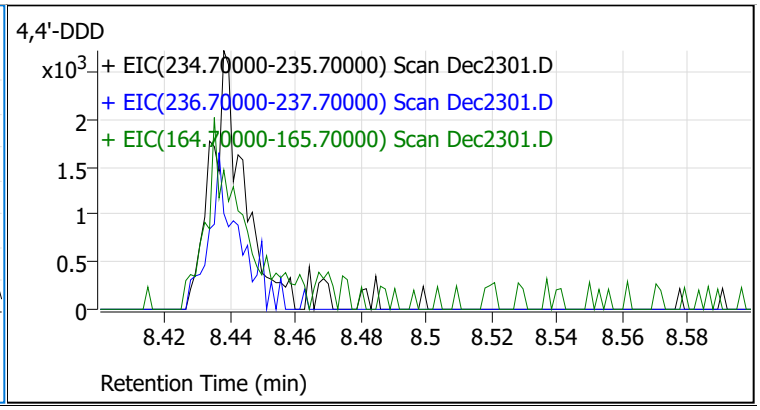
# Tune Evaluation Report

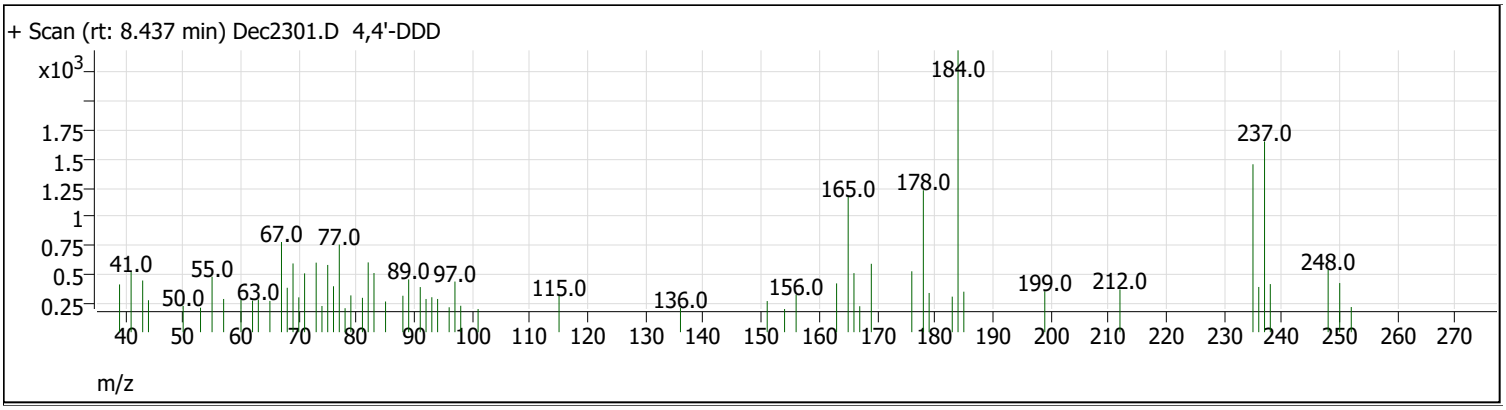


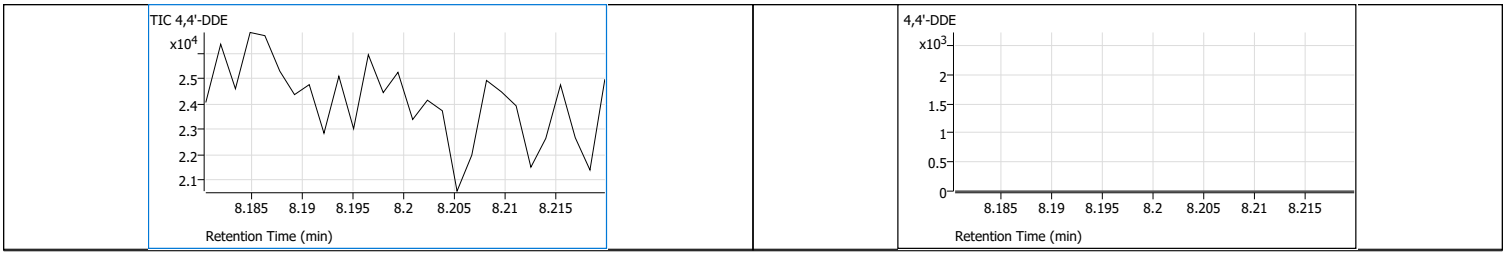



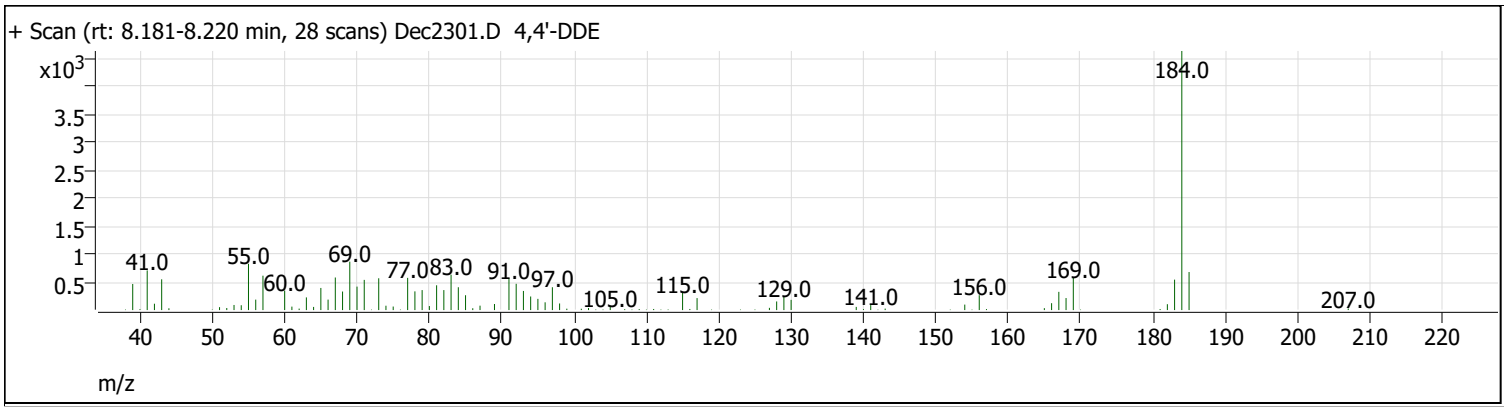



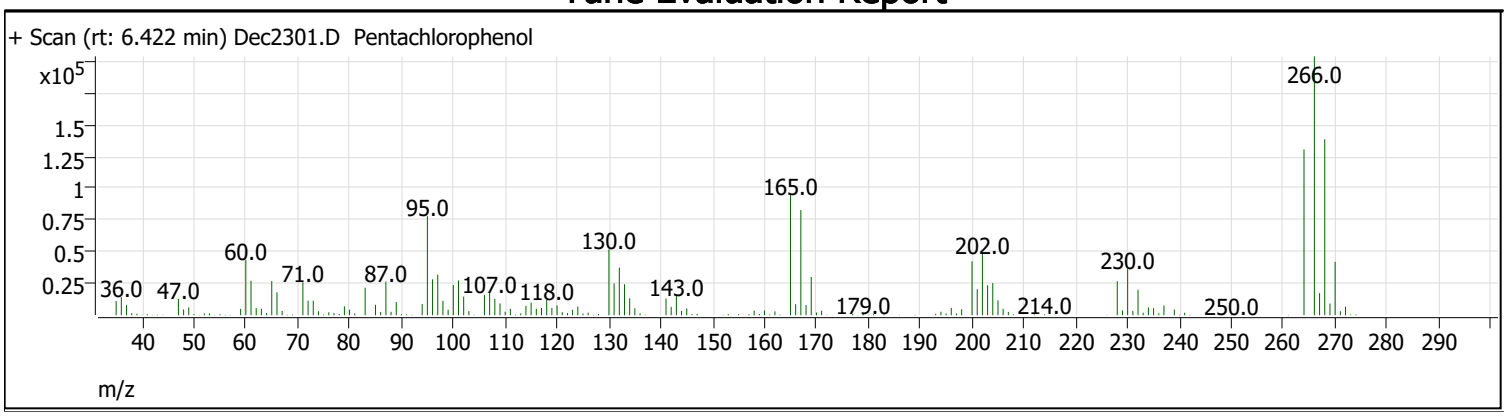



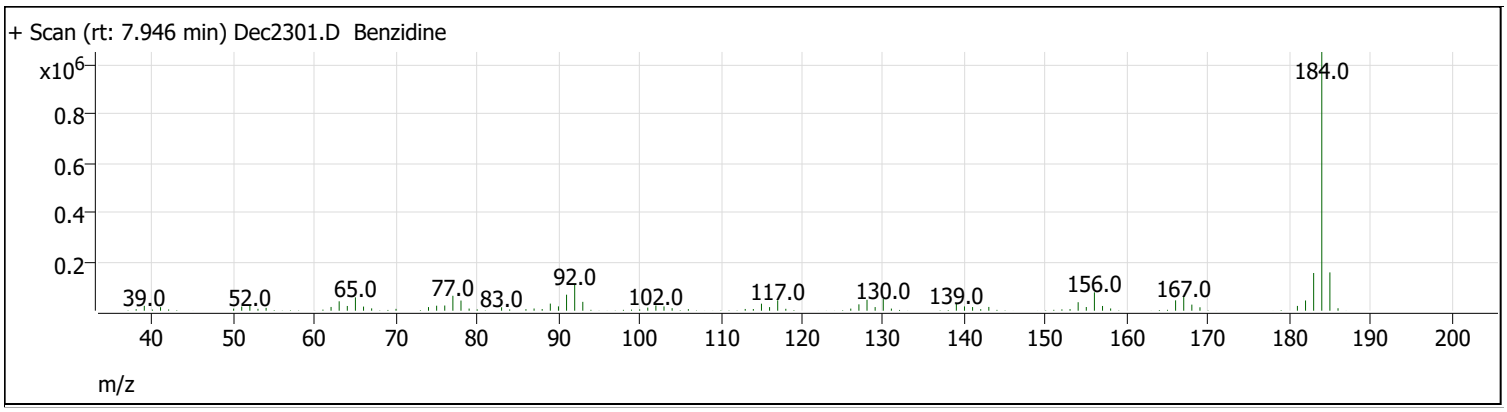
# Tune Evaluation Report




| Compound Name | Expected RT | Observed RT | TIC Area | Breakdown % | Pass/Fail |
|---|---|---|---|---|---|
| 4,4'-DDT | 8.800 | 8.739 | 4954021 | 0.3 | Pass |
| 4,4'-DDD | 8.500 | 8.437 | 12660 | | |
| 4,4'-DDE | 8.200 | 0.000 | 0 | | |

# Tune Evaluation Report



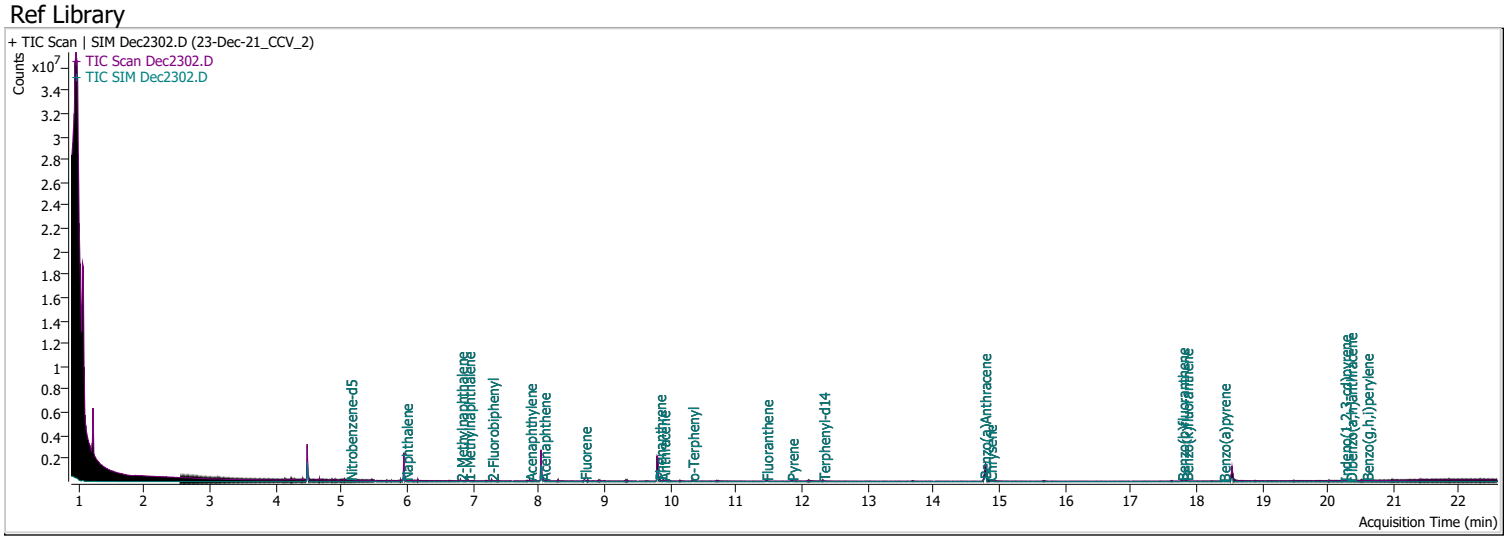




| Compound Name | Expected RT | Observed RT | Tailing Factor | PGF | Pass/Fail |
|---|---|---|---|---|---|
| Pentachlorophenol | 6.800 | 6.422 | 0.4 | 8.7 | Pass |
| Benzidine | 8.400 | 7.946 | 0.3 | 5.8 | Pass |

# Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

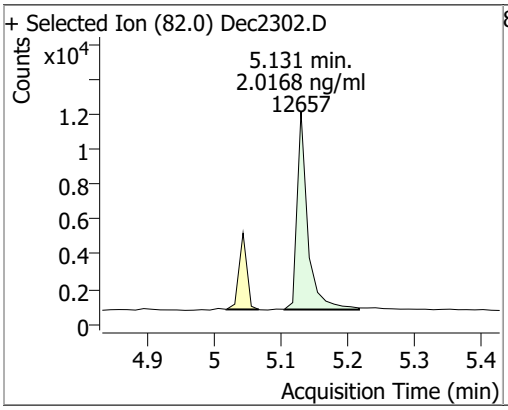
| | | | |
|---|---|---|---|
| Data File | Dec2302.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/23/2021 10:50:13 AM |
| Sample Name | 23-Dec-21_CCV_2 | Instrument | GCMS |
| Vial | 2 | Multiplier | 1.00 |
| DA Method File | 122021 bna SIM 1.batch.bin | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122321 bna SIM 1.batch.bin | Last Calib Update | 12/22/2021 12:25:13 PM |
| Ref Library | | | |

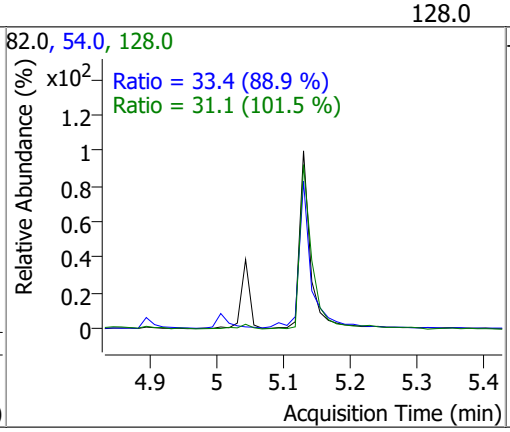


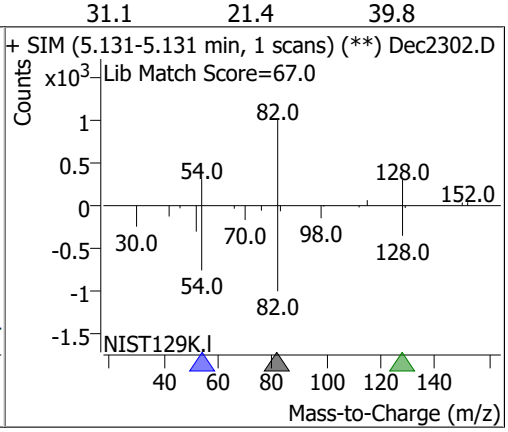

| Compound | RT | QIon | Resp. | Conc. | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| **System Monitoring Compounds** | | | | | | | |
| S Nitrobenzene-d5 | 5.131 | 82.0 | 12657 | 2.0168 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 40.34% | | | |
| S 2-Fluorobiphenyl | 7.290 | 172.0 | 43031 | 2.3251 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 46.50% | | | |
| S Terphenyl-d14 | 12.325 | 244.0 | 26459 | 2.1859 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 43.72% | | | |
| **Target Compounds** | | | | | | | **QValue** |
| T Naphthalene | 5.978 | 128.0 | 47064 | 2.2217 | ng/ml | | 80 |
| T 2-Methylnaphthalene | 6.815 | 141.0 | 29509 | 2.2956 | ng/ml | m | 98 |
| T 1-Methylnaphthalene | 6.927 | 141.0 | 28198 | 2.2514 | ng/ml | m | 99 |

**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

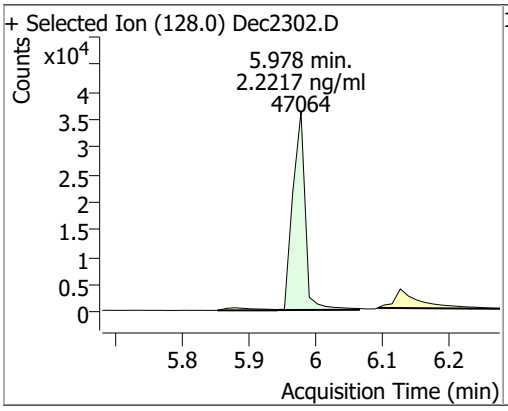
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 2.0168 | 5.13 | 0.00 | 12657 | 54.0 | 33.4 | 26.3 | 48.8 |
| | | | | | 128.0 | 31.1 | 21.4 | 39.8 |

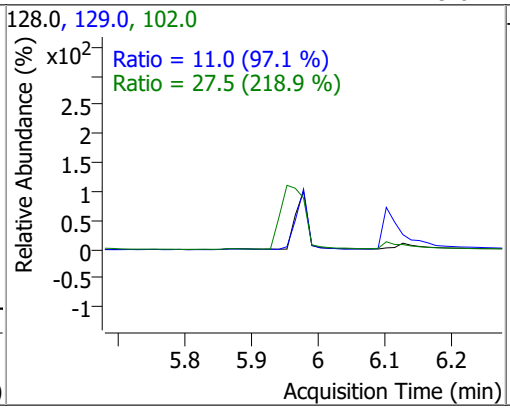


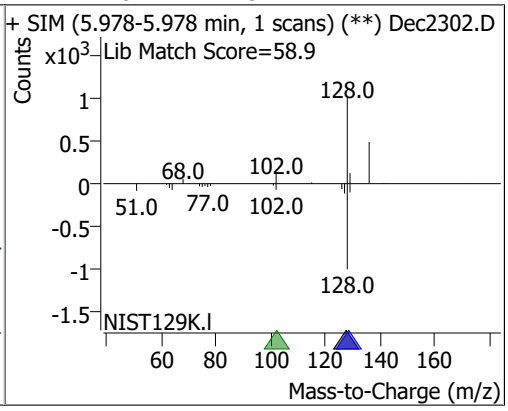



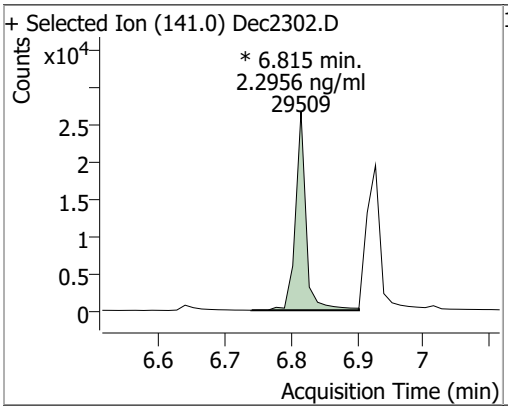

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Naphthalene | 2.2217 | 5.98 | 0.00 | 47064 | 102.0 | 27.5 | 0.0 | 37.7 |
| | | | | | 129.0 | 11.0 | 7.9 | 14.7 |

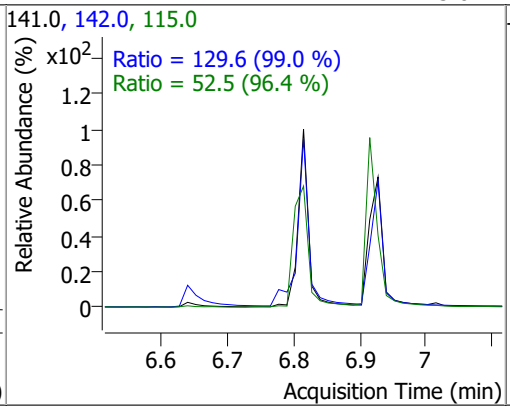


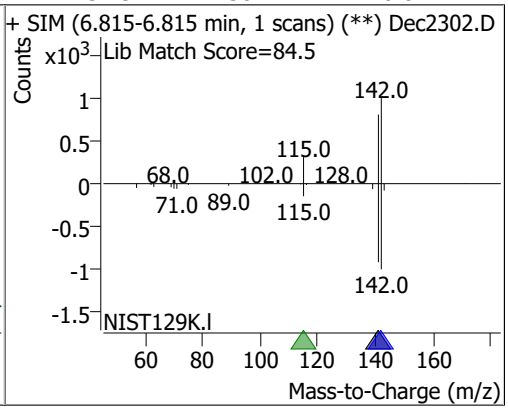



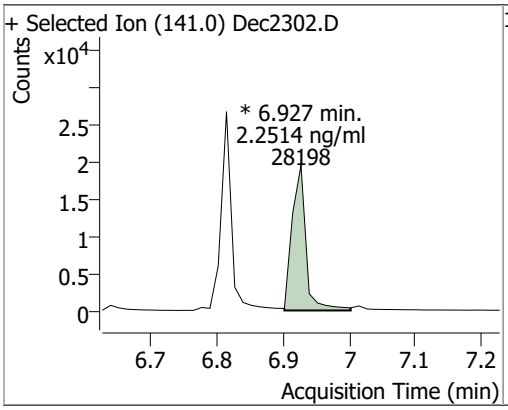

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 2.2956 | 6.81 | 0.00 | 29509 (m) | 142.0 | 129.6 | 91.7 | 170.2 |
| | | | | | 115.0 | 52.5 | 38.1 | 70.8 |

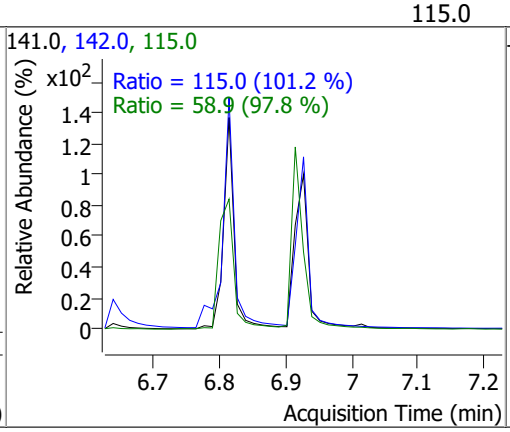


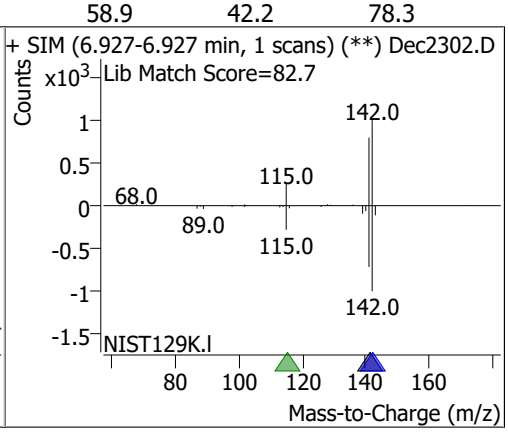



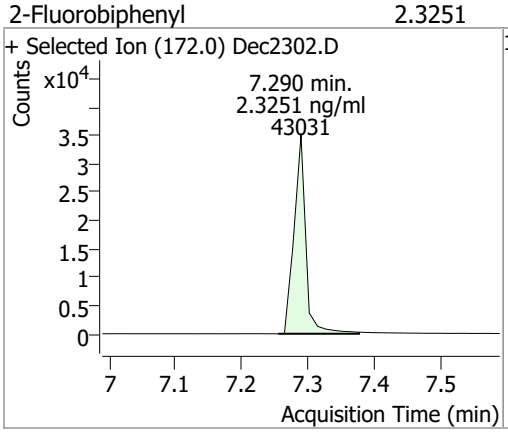
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | 2.2514 | 6.93 | 0.00 | 28198 (m) | 142.0 | 115.0 | 79.6 | 147.8 |
| | | | | | 115.0 | 58.9 | 42.2 | 78.3 |

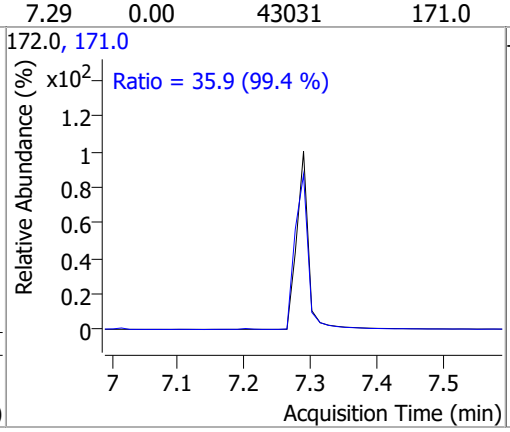


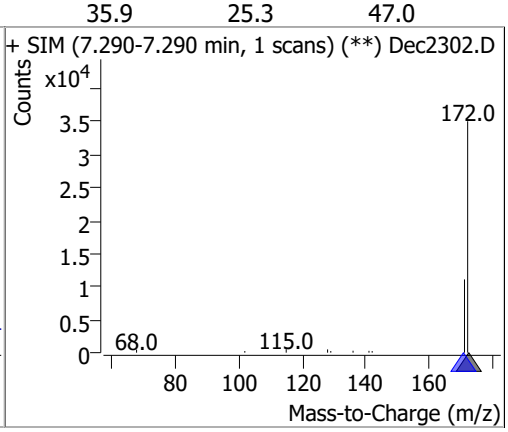



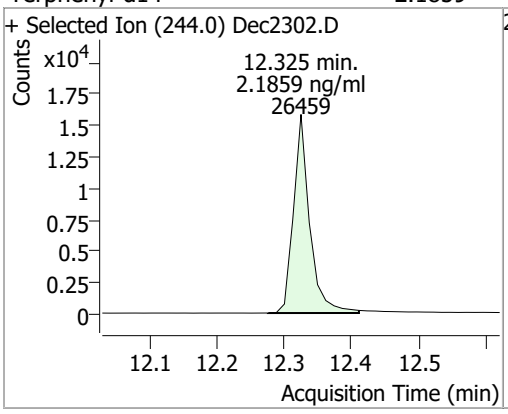

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 2.3251 | 7.29 | 0.00 | 43031 | 171.0 | 35.9 | 25.3 | 47.0 |

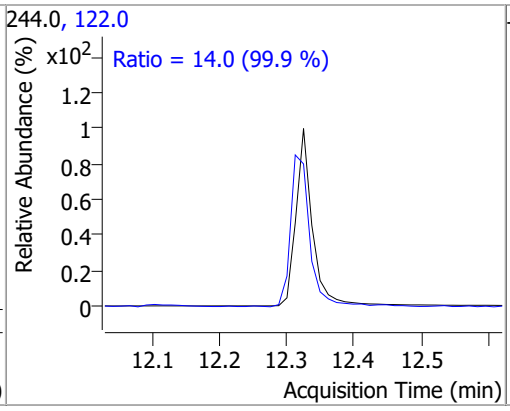


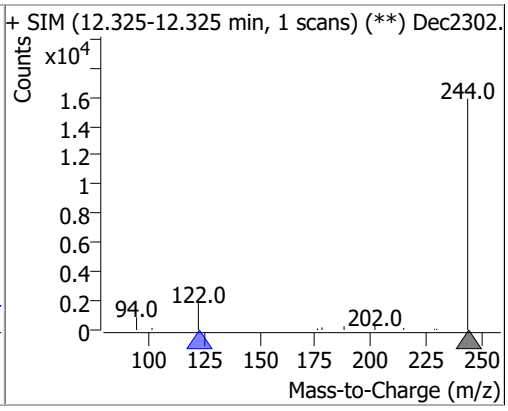




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 2.1859 | 12.32 | 0.00 | 26459 | 122.0 | 14.0 | 9.8 | 18.2 |

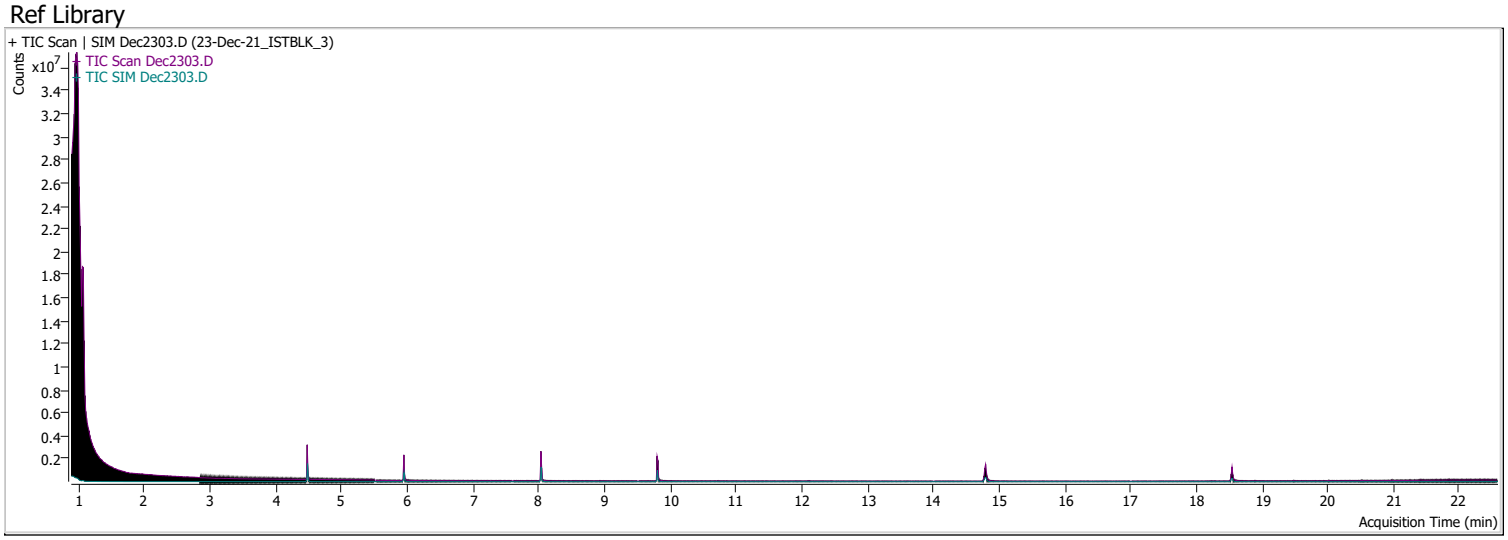


# Quantitation Results Report (QT Reviewed)

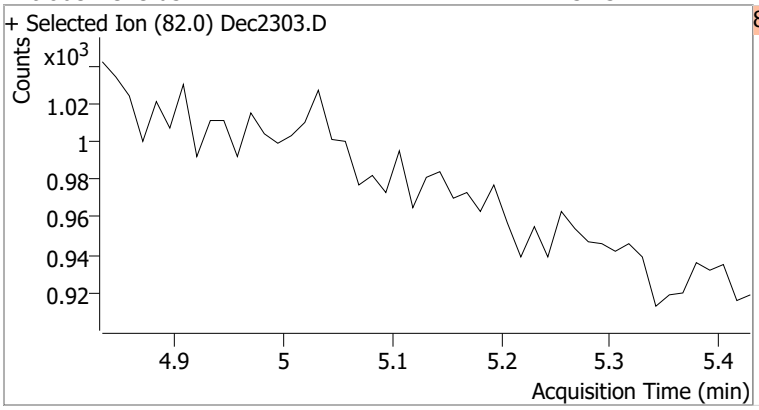
| | | | |
|---|---|---|---|
| Data File | Dec2303.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/23/2021 11:24:03 AM |
| Sample Name | 23-Dec-21_ISTBLK_3 | Instrument | GCMS |
| Vial | 3 | Multiplier | 1.00 |
| DA Method File | 122021 bna SIM 1.batch.bin | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122321 bna SIM 1.batch.bin | Last Calib Update | 12/22/2021 12:25:13 PM |
| Ref Library | | | |

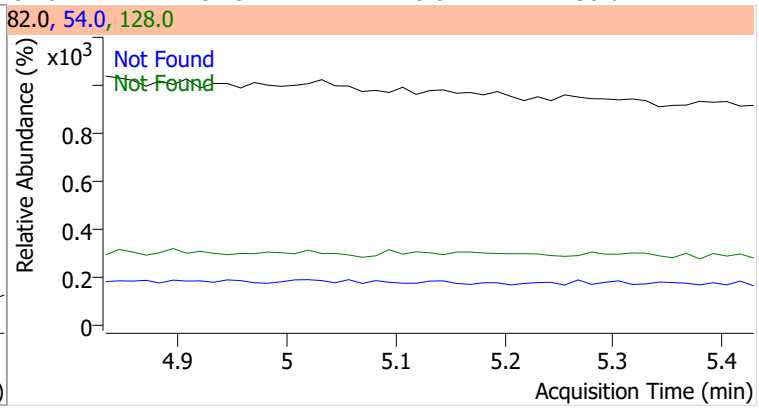



| Compound | RT | QIon | Resp. | Conc. | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| **System Monitoring Compounds** | | | | | | | |
| S Nitrobenzene-d5 | 0.000 | | 0 | N.D. | | | |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = NA% | | | |
| S 2-Fluorobiphenyl | 0.000 | | 0 | N.D. | | | |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = NA% | | | |
| S Terphenyl-d14 | 12.559 | 244.0 | 0 | | ng/ml | md | 0.235 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = NA% | | | |
| **Target Compounds** | | | | | | | **QValue** |
| T Naphthalene | 0.000 | | 0 | N.D. | | | |
| T 2-Methylnaphthalene | 0.000 | | 0 | N.D. | | | |
| T 1-Methylnaphthalene | 0.000 | | 0 | N.D. | | | |

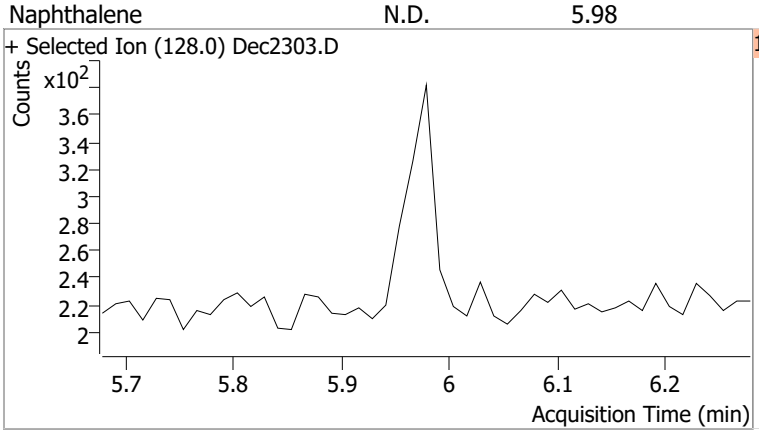
**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

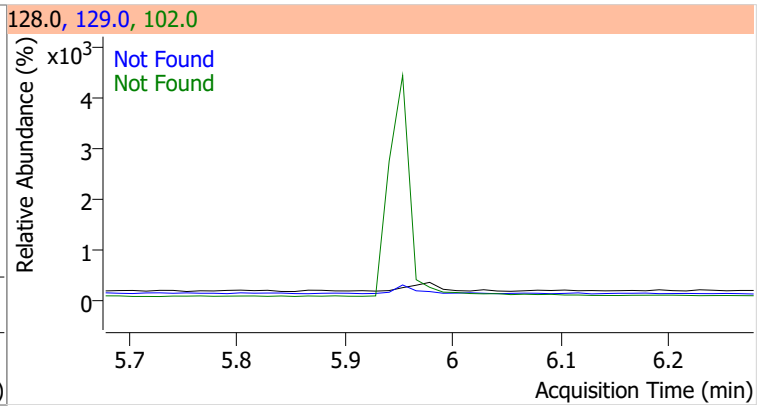
| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | N.D. | 5.13 | 54.0 | 37.5 | 128.0 | 30.6 |



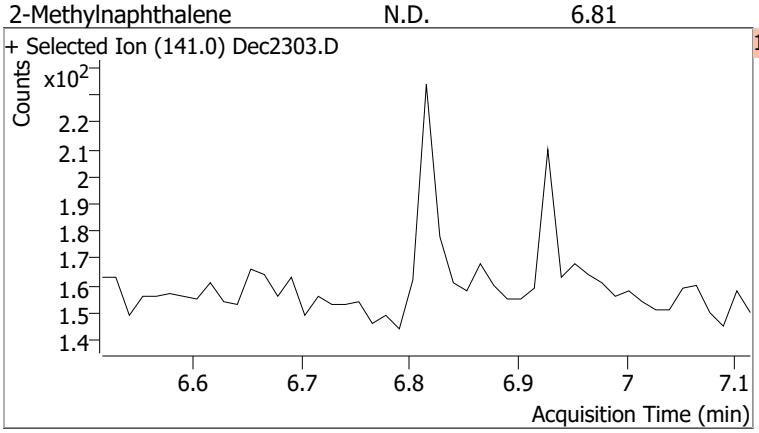



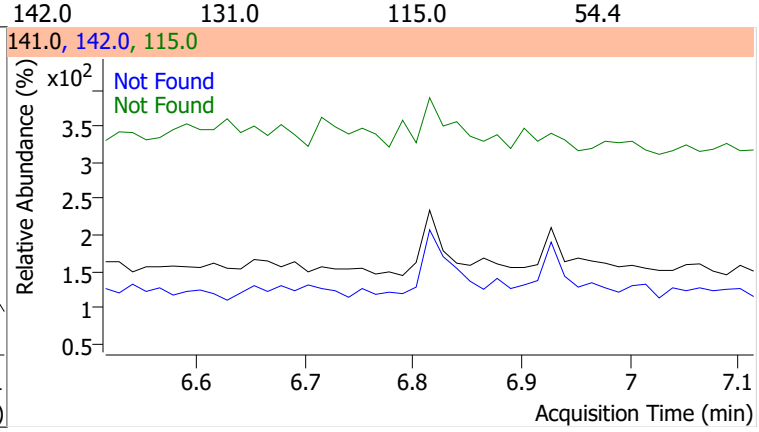

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| Naphthalene | N.D. | 5.98 | 102.0 | 12.6 | 129.0 | 11.3 |



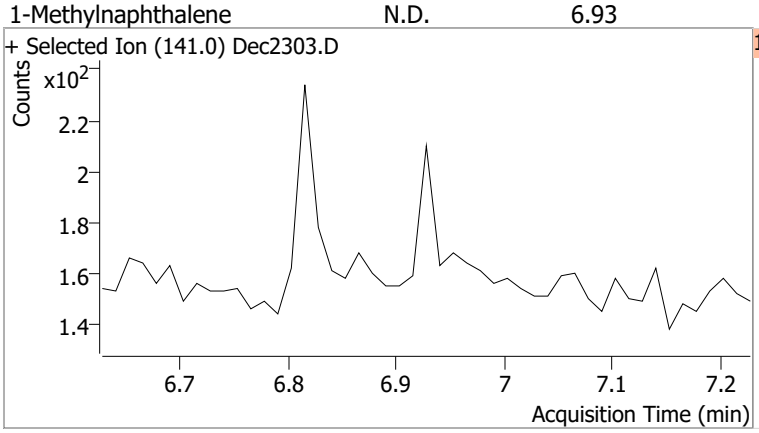



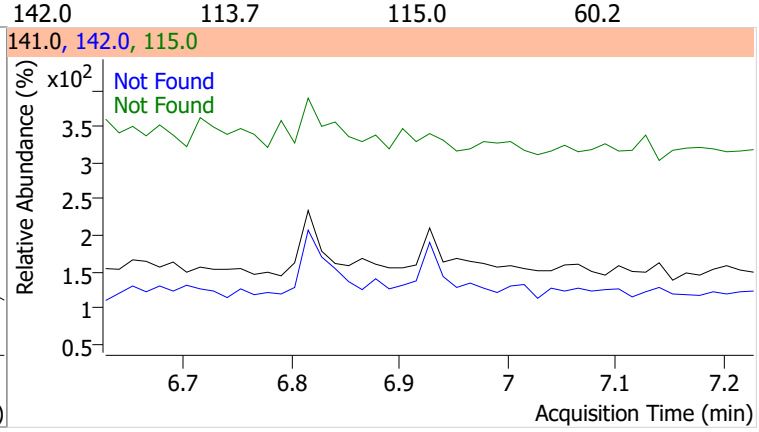

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | N.D. | 6.81 | 142.0 | 131.0 | 115.0 | 54.4 |



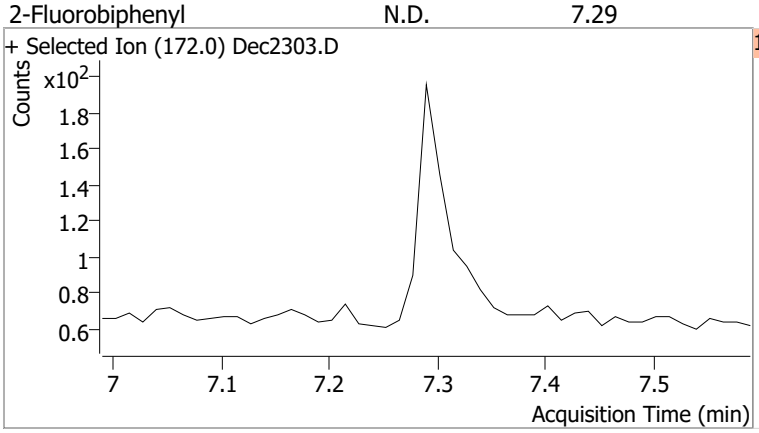



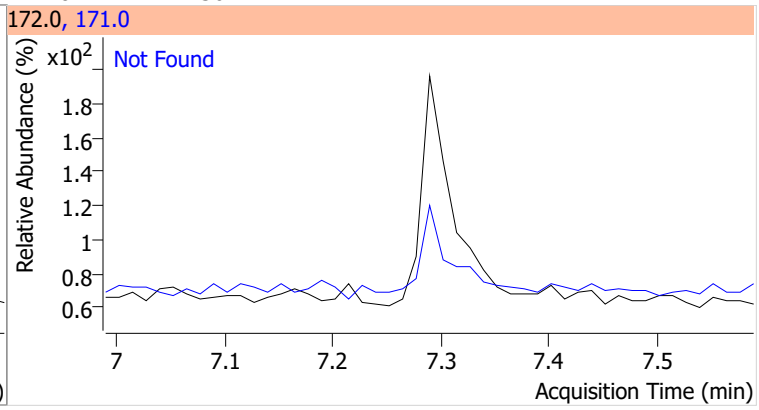

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | N.D. | 6.93 | 142.0 | 113.7 | 115.0 | 60.2 |



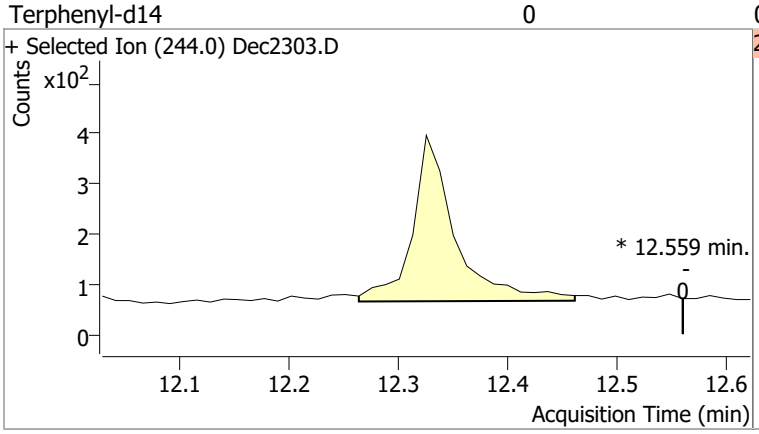



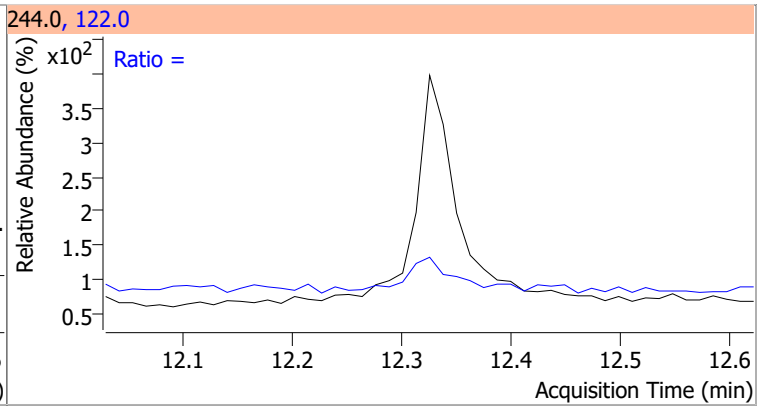
| Compound | Conc. | Exp RT | QIon | Exp Ratio |
|---|---|---|---|---|
| 2-Fluorobiphenyl | N.D. | 7.29 | 171.0 | 36.1 |




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | | 0 | | 0 | 122.0 | | 9.8 | 18.2 |

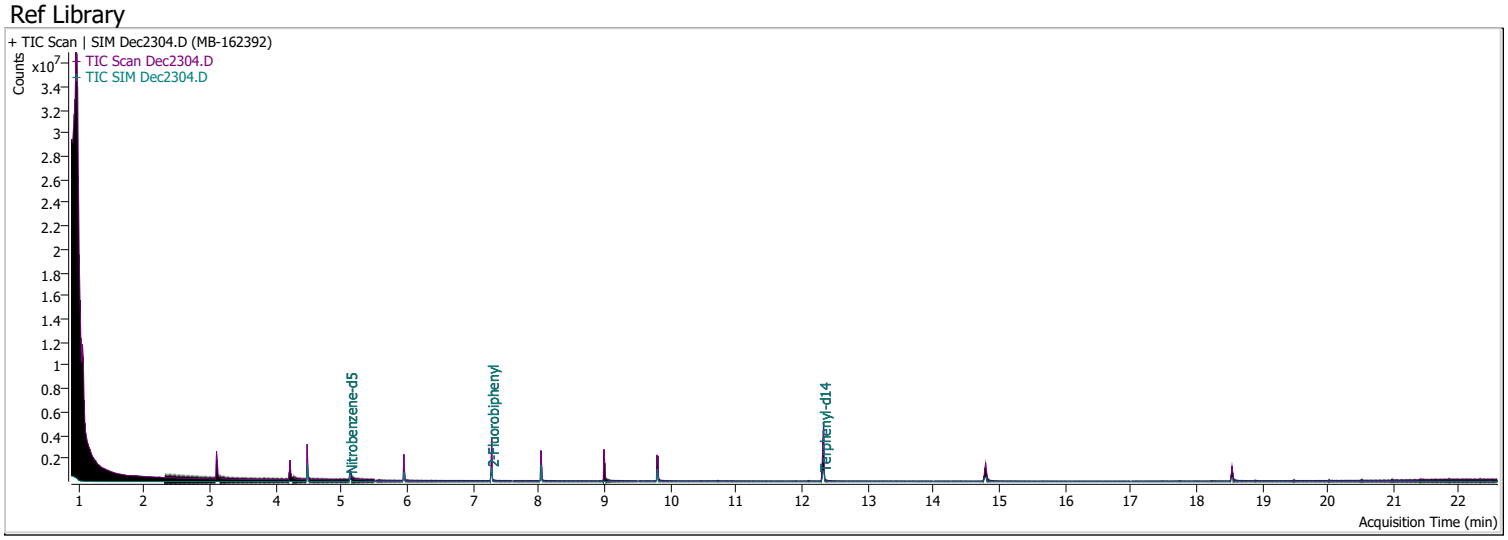


# Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

| | | | |
|---|---|---|---|
| Data File | Dec2304.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/23/2021 11:56:41 AM |
| Sample Name | MB-162392 | Instrument | GCMS |
| Vial | 4 | Multiplier | 1.00 |
| DA Method File | 122021 bna SIM 1.batch.bin | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122321 bna SIM 1.batch.bin | Last Calib Update | 12/22/2021 12:25:13 PM |
| Ref Library | | | |

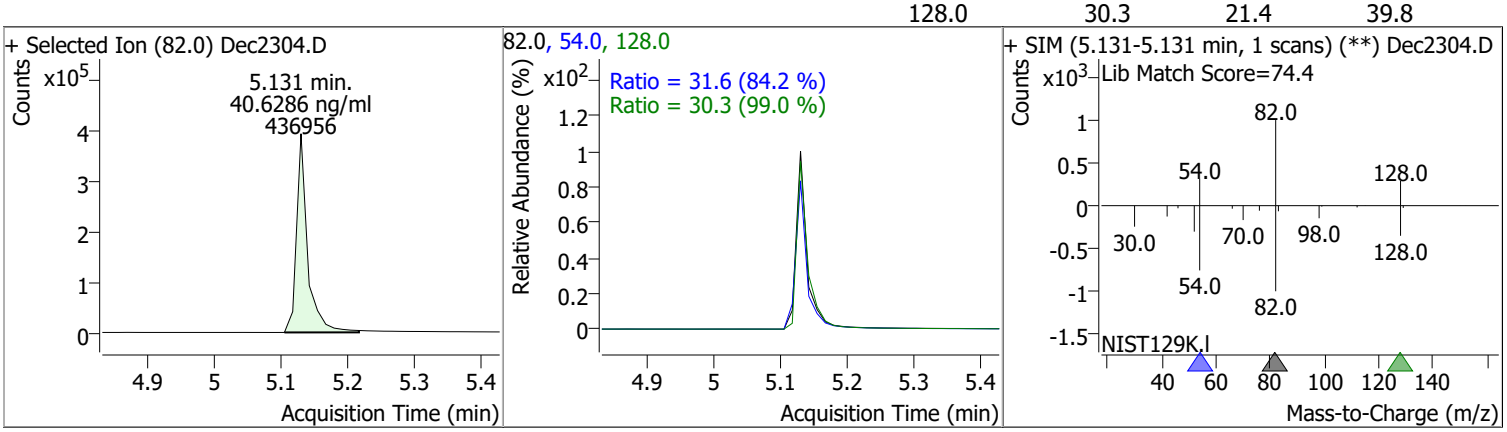



| Compound | RT | QIon | Resp. | Conc. | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| **System Monitoring Compounds** | | | | | | | |
| S Nitrobenzene-d5 | 5.131 | 82.0 | 436956 | 40.6286 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 812.57% | | * | |
| S 2-Fluorobiphenyl | 7.289 | 172.0 | 1027665 | 48.7878 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 975.76% | | * | |
| S Terphenyl-d14 | 12.337 | 244.0 | 1397480 | 111.9436 | ng/ml | | 0.012 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 2238.87% | | * | |
| **Target Compounds** | | | | | | | **QValue** |
| T Naphthalene | 0.000 | | 0 | N.D. | | | |
| T 2-Methylnaphthalene | 0.000 | | 0 | N.D. | | | |
| T 1-Methylnaphthalene | 0.000 | | 0 | N.D. | | | |

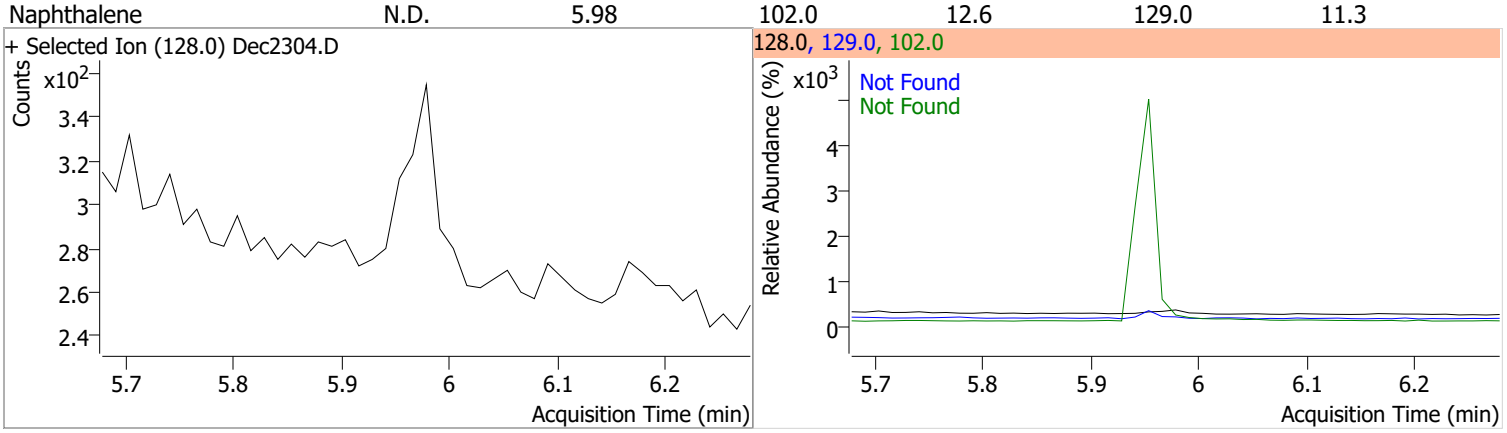
**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

# Quantitation Results Report (QT Reviewed)

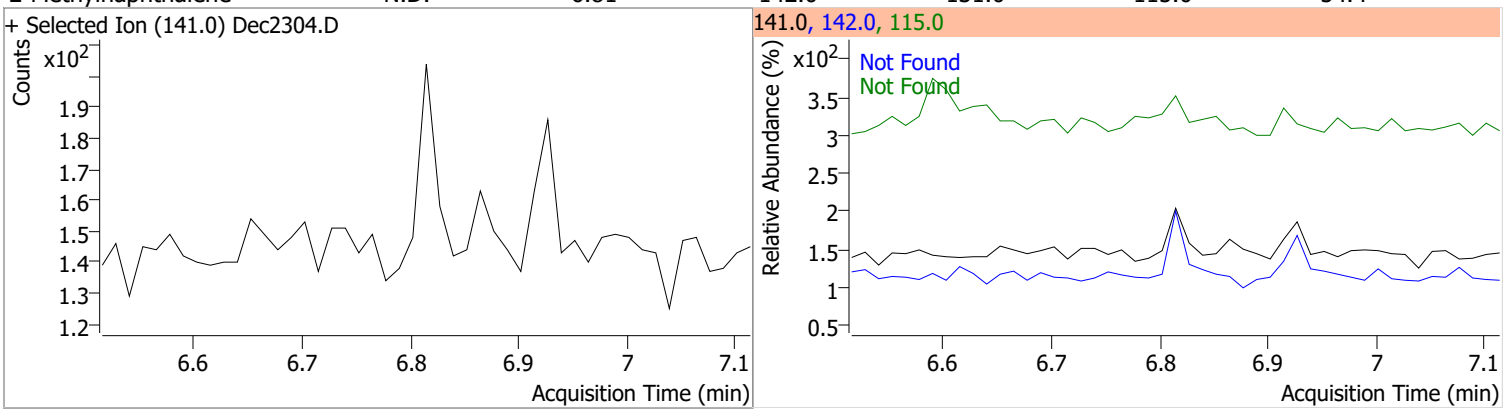
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 40.6286 | 5.13 | 0.00 | 436956 | 54.0 | 31.6 | 26.3 | 48.8 |
| | | | | | 128.0 | 30.3 | 21.4 | 39.8 |



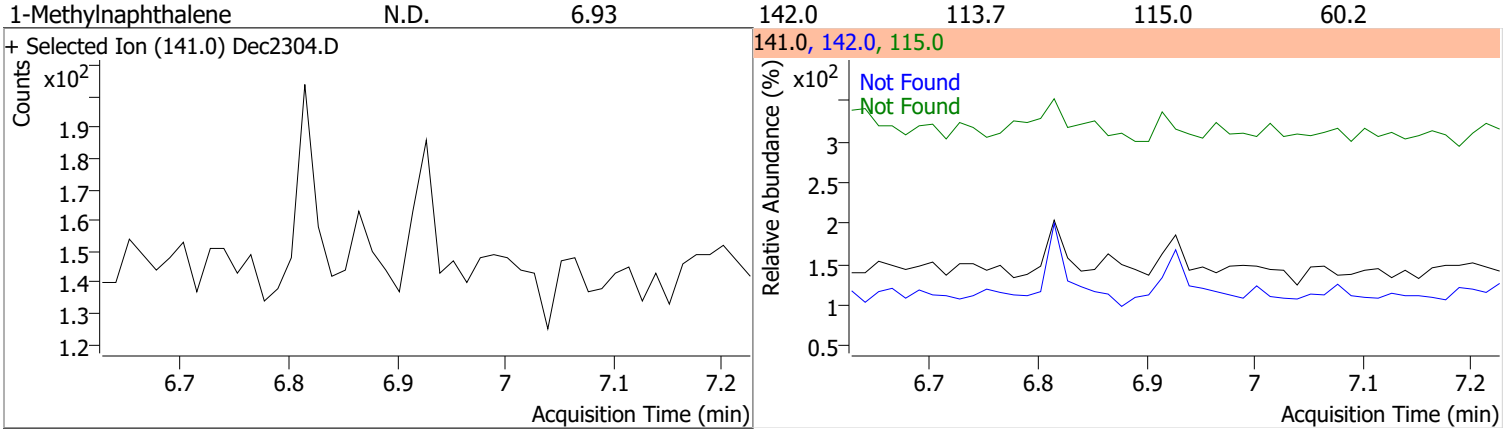

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| Naphthalene | N.D. | 5.98 | 102.0 | 12.6 | 129.0 | 11.3 |



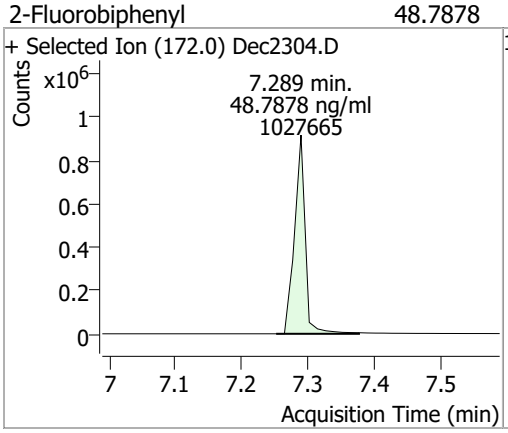

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | N.D. | 6.81 | 142.0 | 131.0 | 115.0 | 54.4 |

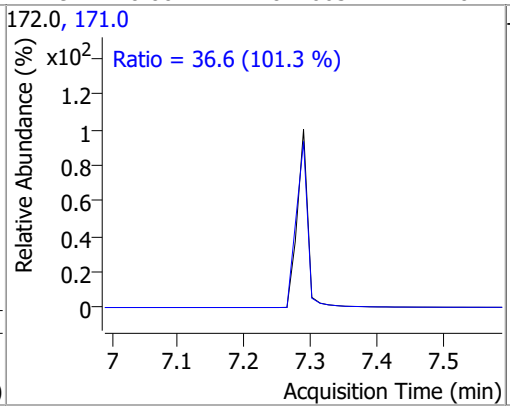


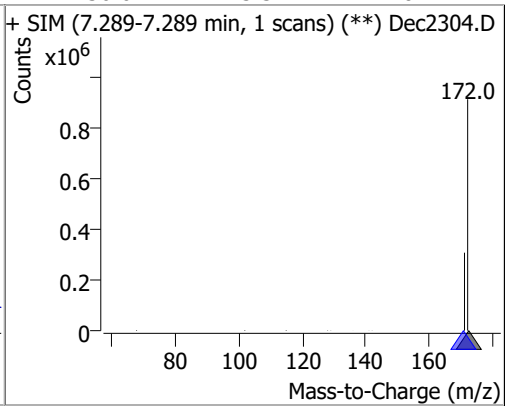

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | N.D. | 6.93 | 142.0 | 113.7 | 115.0 | 60.2 |



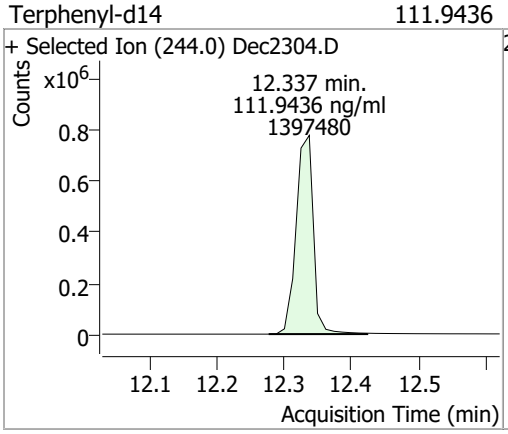
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 48.7878 | 7.29 | 0.00 | 1027665 | 171.0 | 36.6 | 25.3 | 47.0 |

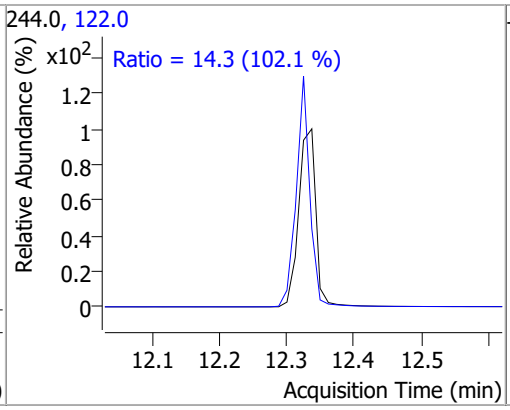


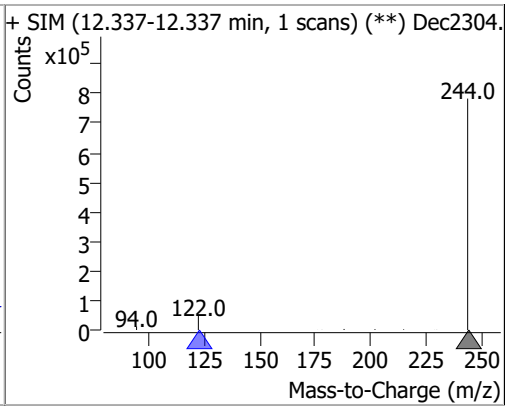




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 111.9436 | 12.34 | 0.01 | 1397480 | 122.0 | 14.3 | 9.8 | 18.2 |



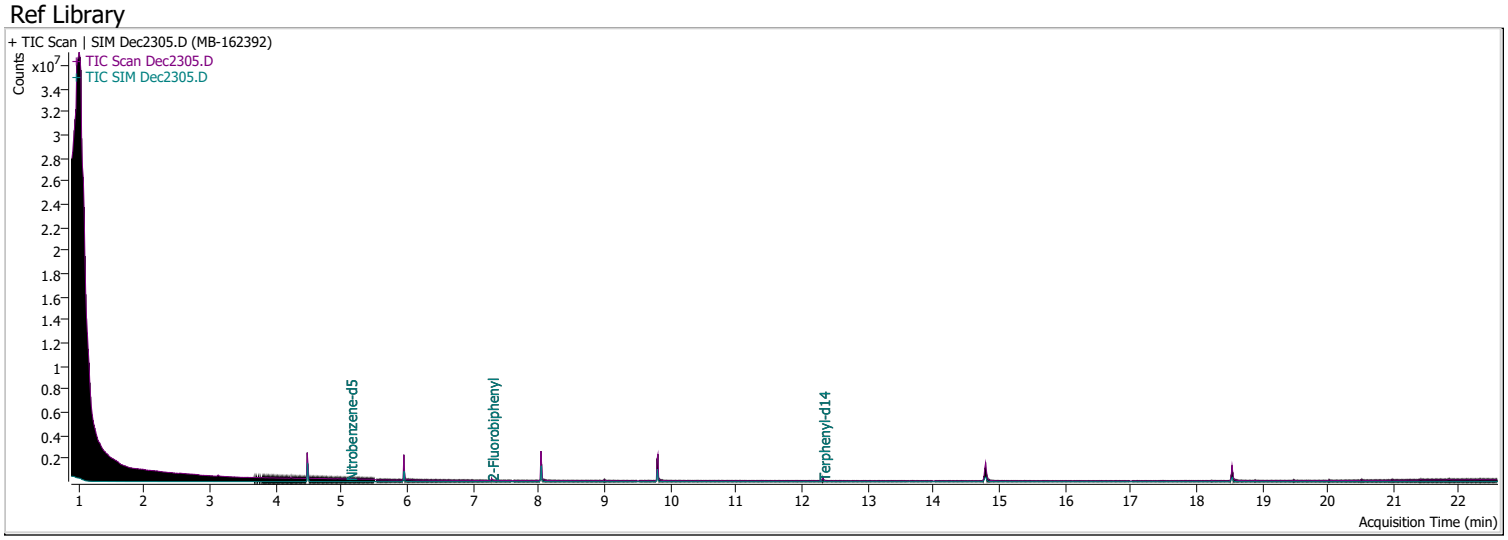



# Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

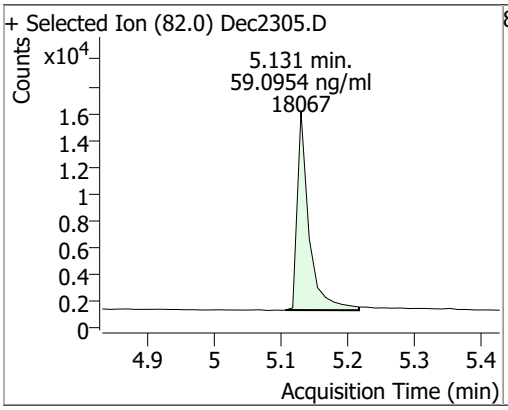
| | | | |
|---|---|---|---|
| Data File | Dec2305.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/23/2021 12:29:20 PM |
| Sample Name | MB-162392 | Instrument | GCMS |
| Vial | 5 | Multiplier | 20.00 |
| DA Method File | 122021 bna SIM 1.batch.bin | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122321 bna SIM 1.batch.bin | Last Calib Update | 12/22/2021 12:25:13 PM |
| Ref Library | | | |

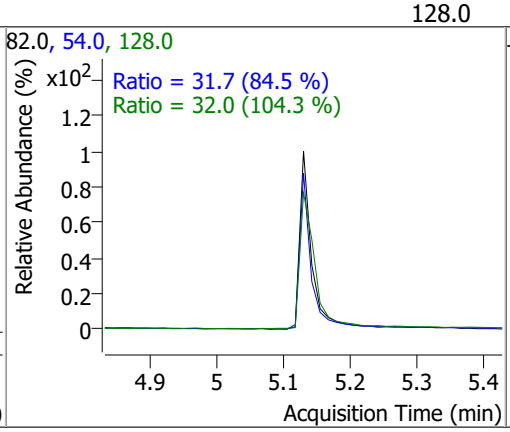


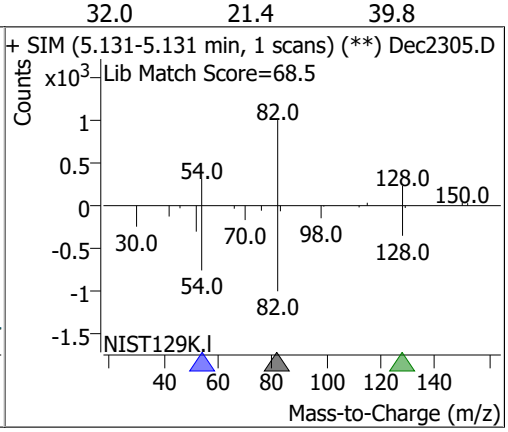

| Compound | RT | QIon | Resp. | Conc. | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| **System Monitoring Compounds** | | | | | | | |
| S Nitrobenzene-d5 | 5.131 | 82.0 | 18067 | 59.0954 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 1181.91% | | * | |
| S 2-Fluorobiphenyl | 7.290 | 172.0 | 53315 | 56.3268 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 1126.54% | | * | |
| S Terphenyl-d14 | 12.325 | 244.0 | 70179 | 115.5532 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 2311.06% | | * | |
| **Target Compounds** | | | | | | | **QValue** |
| T Naphthalene | 0.000 | | 0 | N.D. | | | |
| T 2-Methylnaphthalene | 0.000 | | 0 | N.D. | | | |
| T 1-Methylnaphthalene | 0.000 | | 0 | N.D. | | | |

**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

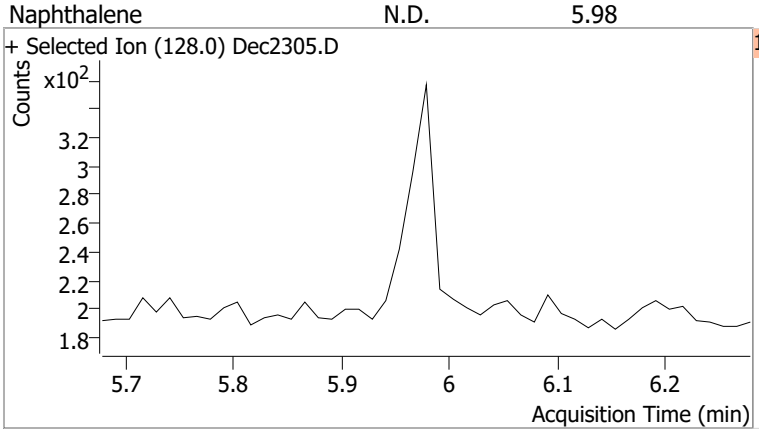
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 59.0954 | 5.13 | 0.00 | 18067 | 54.0 | 31.7 | 26.3 | 48.8 |
| | | | | | 128.0 | 32.0 | 21.4 | 39.8 |

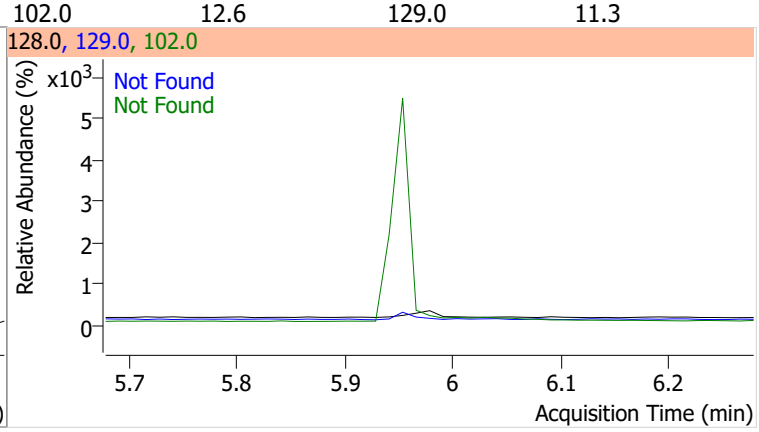


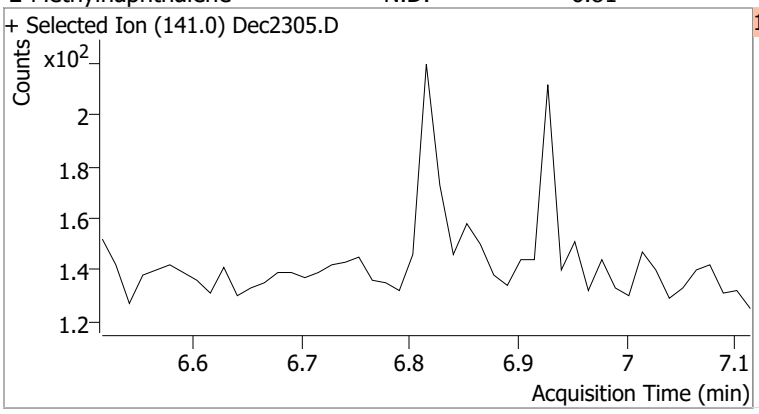



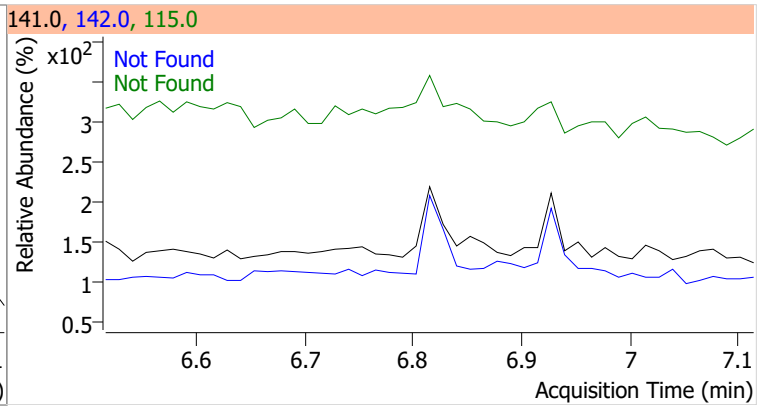

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| Naphthalene | N.D. | 5.98 | 102.0 | 12.6 | 129.0 | 11.3 |



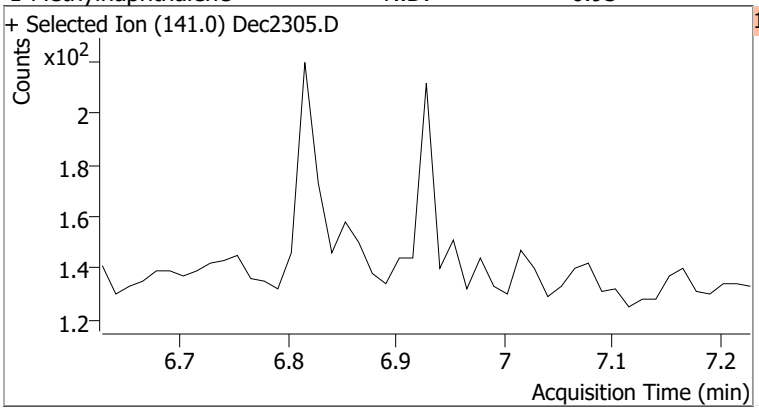



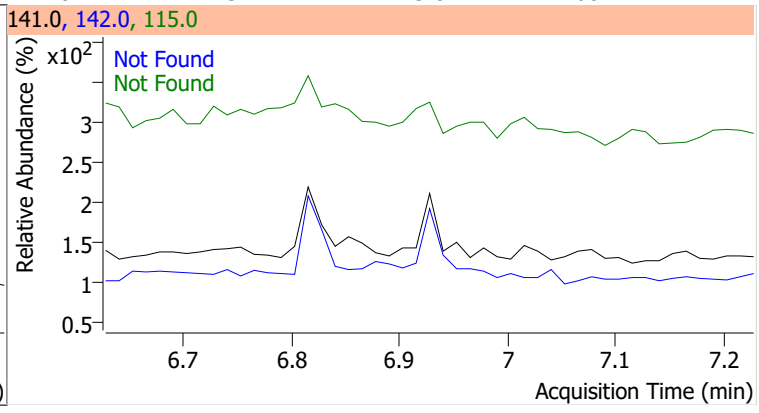

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | N.D. | 6.81 | 142.0 | 131.0 | 115.0 | 54.4 |



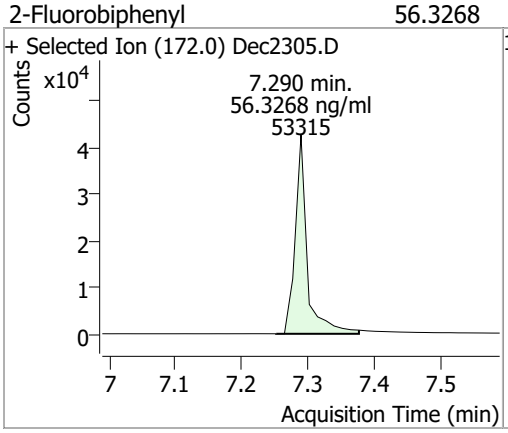



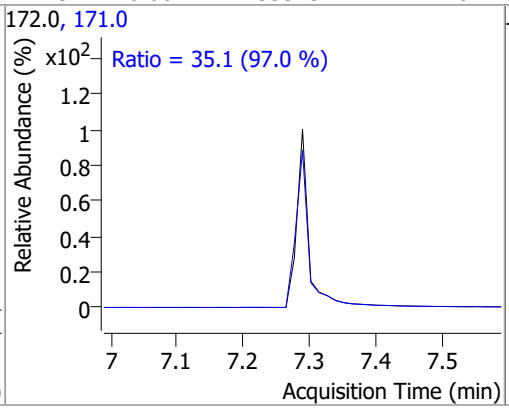

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | N.D. | 6.93 | 142.0 | 113.7 | 115.0 | 60.2 |

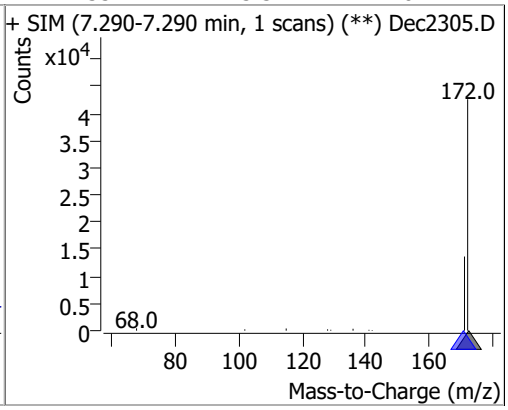


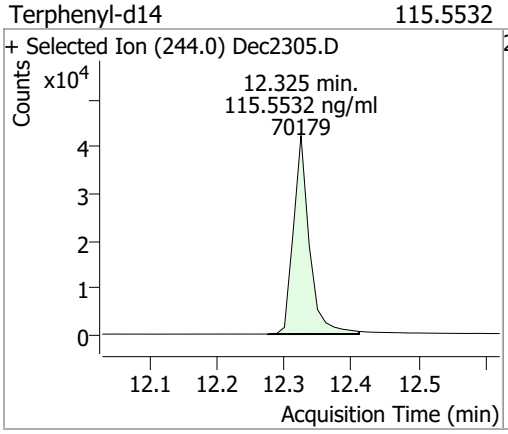
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 56.3268 | 7.29 | 0.00 | 53315 | 171.0 | 35.1 | 25.3 | 47.0 |

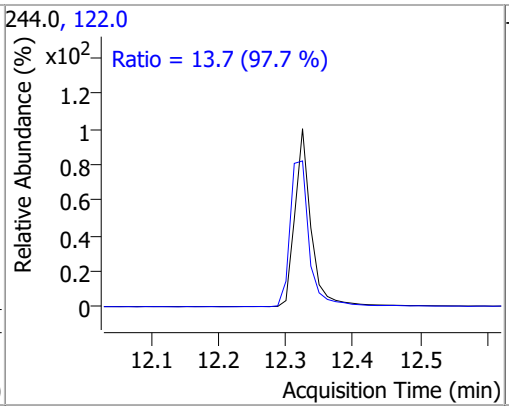


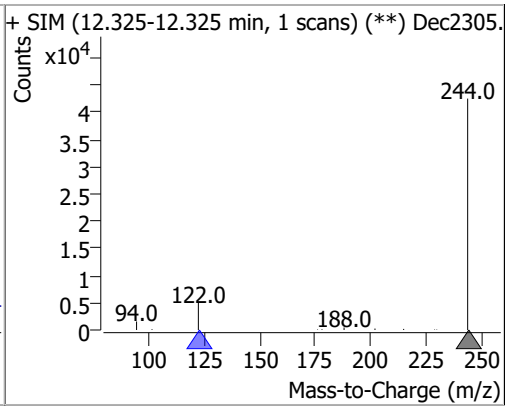




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 115.5532 | 12.32 | 0.00 | 70179 | 122.0 | 13.7 | 9.8 | 18.2 |

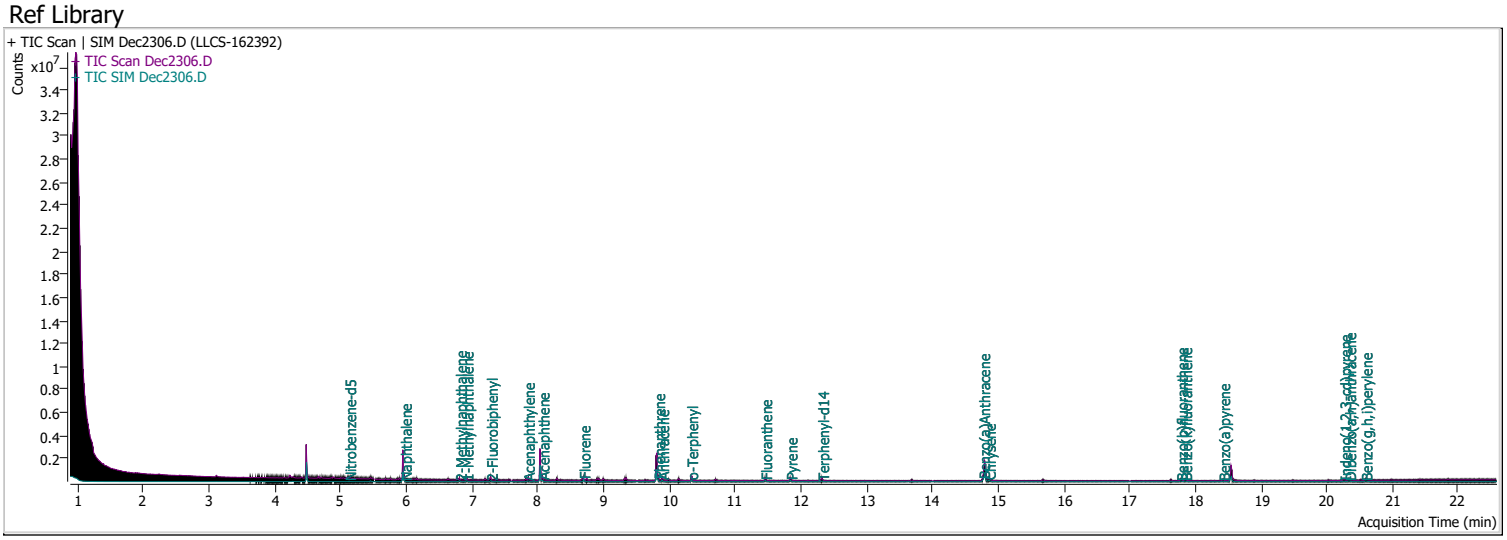


# Quantitation Results Report (QT Reviewed)

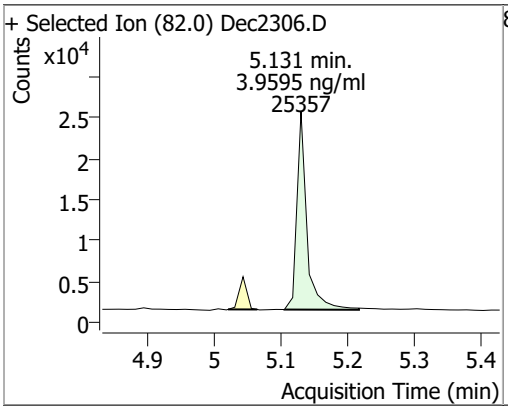
| | | | |
|---|---|---|---|
| Data File | Dec2306.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/23/2021 1:02:07 PM |
| Sample Name | LLCS-162392 | Instrument | GCMS |
| Vial | 6 | Multiplier | 1.00 |
| DA Method File | 122021 bna SIM 1.batch.bin | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122321 bna SIM 1.batch.bin | Last Calib Update | 12/22/2021 12:25:13 PM |
| Ref Library | | | |

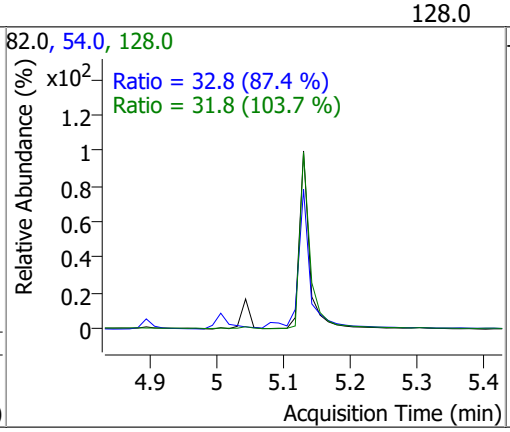


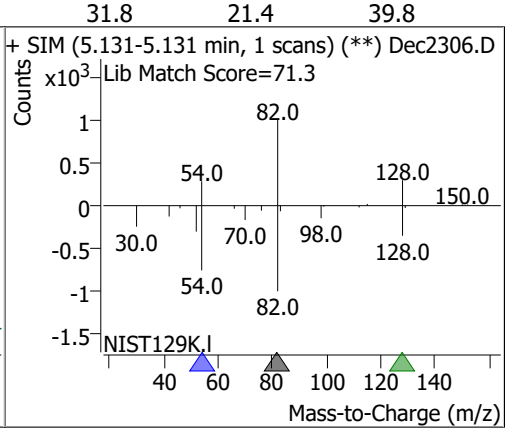

| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| **System Monitoring Compounds** | | | | | | |
| S Nitrobenzene-d5 | 5.131 | 82.0 | 25357 | 3.9595 | ng/ml | 0.000 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 79.19% | | |
| S 2-Fluorobiphenyl | 7.289 | 172.0 | 81131 | 4.1962 | ng/ml | 0.000 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 83.92% | | |
| S Terphenyl-d14 | 12.325 | 244.0 | 69182 | 5.1268 | ng/ml | 0.000 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 102.54% | | |
| **Target Compounds** | | | | | | **QValue** |
| T Naphthalene | 5.978 | 128.0 | 61980 | 3.0184 | ng/ml | 84 |
| T 2-Methylnaphthalene | 6.815 | 141.0 | 38629 | 3.1222 | ng/ml | 96 |
| T 1-Methylnaphthalene | 6.915 | 141.0 | 37764 | 3.1032 | ng/ml | 98 |

**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

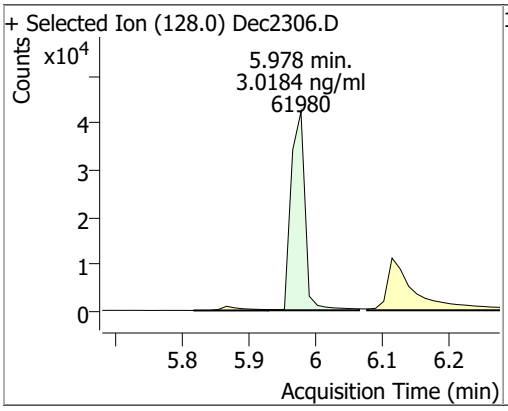
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 3.9595 | 5.13 | 0.00 | 25357 | 54.0 | 32.8 | 26.3 | 48.8 |
| | | | | | 128.0 | 31.8 | 21.4 | 39.8 |

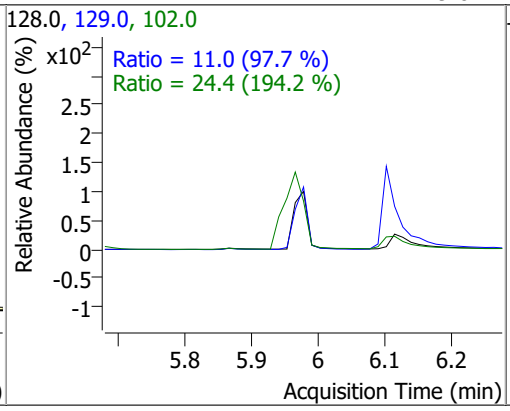


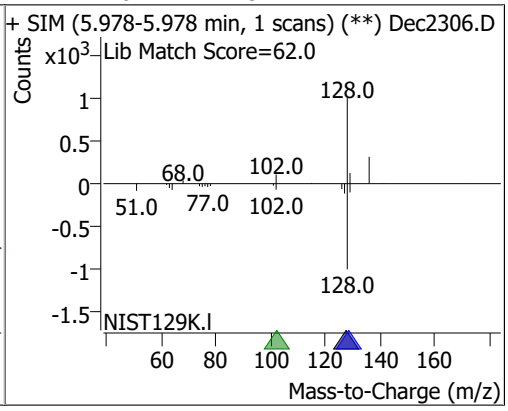



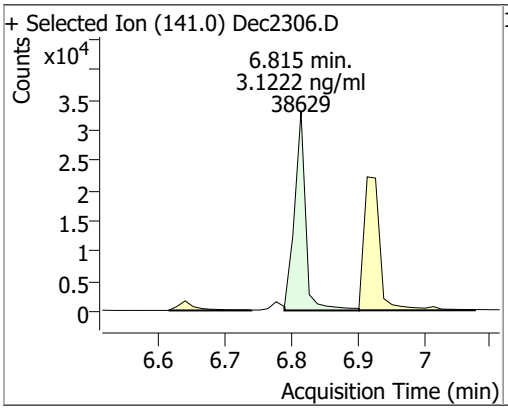

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Naphthalene | 3.0184 | 5.98 | 0.00 | 61980 | 102.0 | 24.4 | 0.0 | 37.7 |
| | | | | | 129.0 | 11.0 | 7.9 | 14.7 |

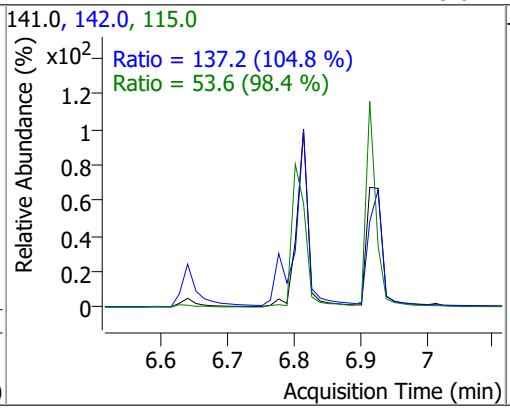


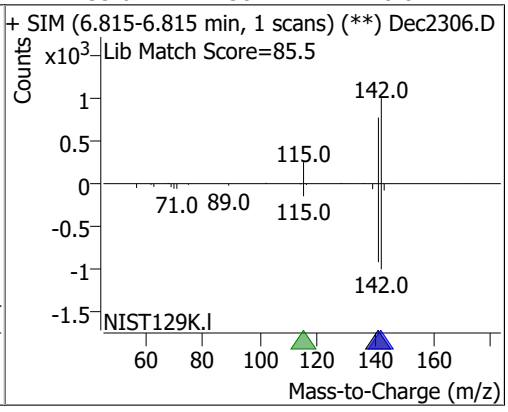



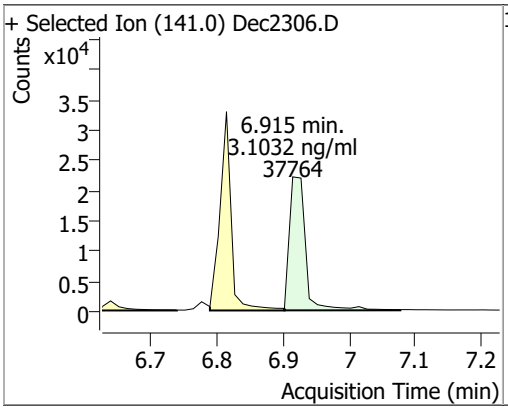

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 3.1222 | 6.81 | 0.00 | 38629 | 142.0 | 137.2 | 91.7 | 170.2 |
| | | | | | 115.0 | 53.6 | 38.1 | 70.8 |

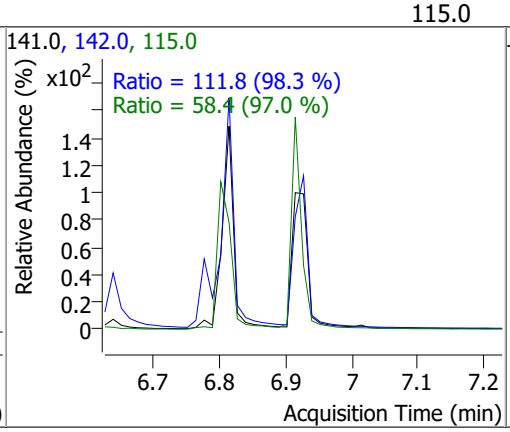


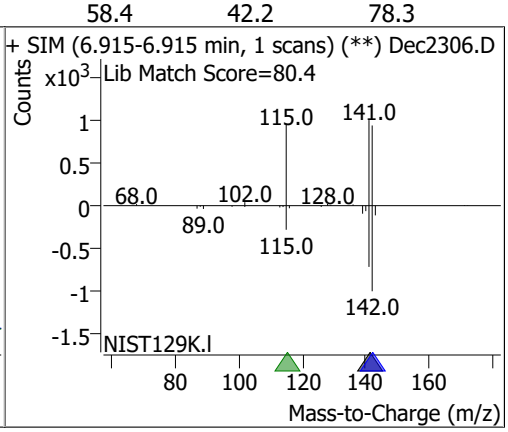



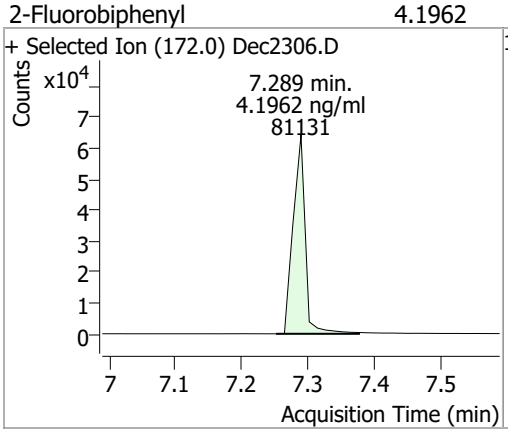
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | 3.1032 | 6.91 | -0.01 | 37764 | 142.0 | 111.8 | 79.6 | 147.8 |
| | | | | | 115.0 | 58.4 | 42.2 | 78.3 |

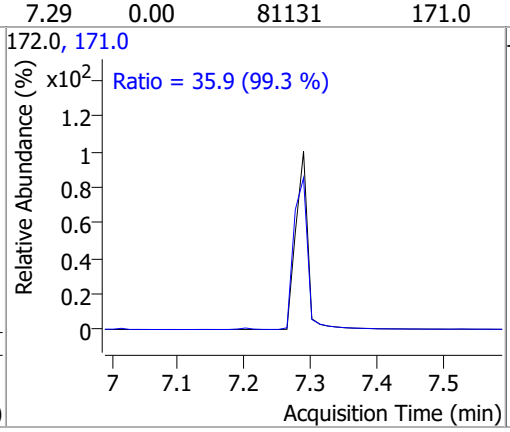


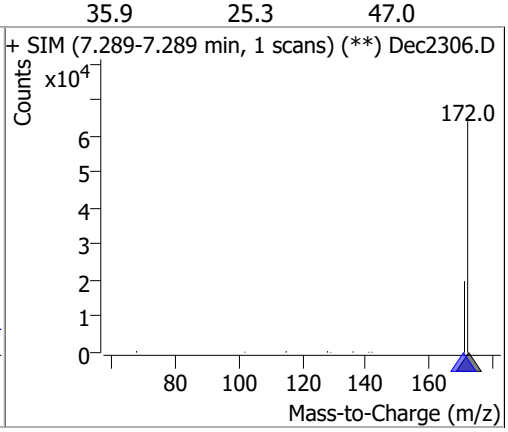



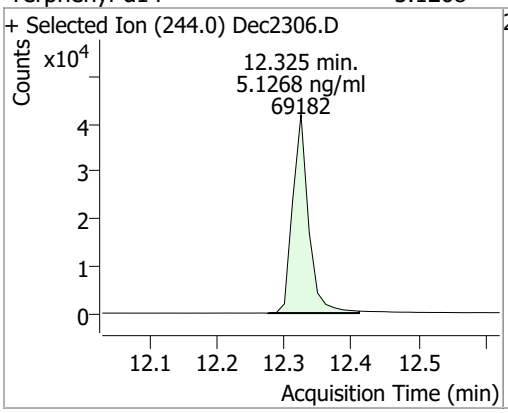

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 4.1962 | 7.29 | 0.00 | 81131 | 171.0 | 35.9 | 25.3 | 47.0 |

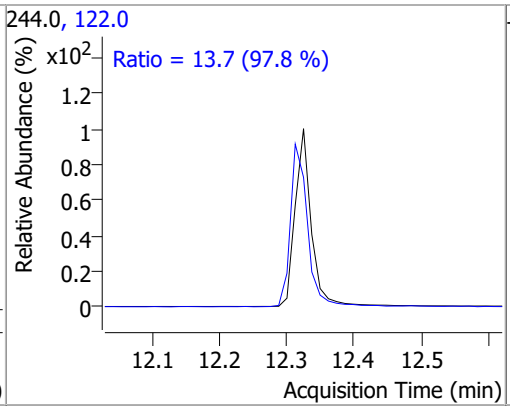


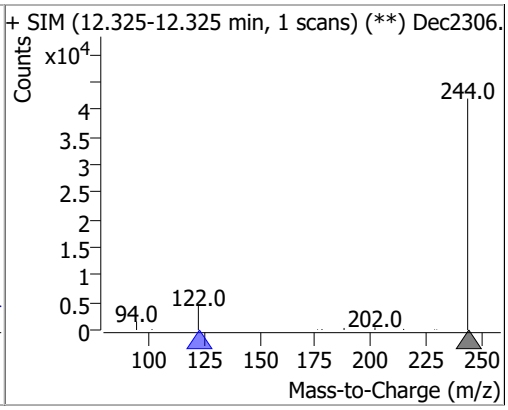




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 5.1268 | 12.32 | 0.00 | 69182 | 122.0 | 13.7 | 9.8 | 18.2 |

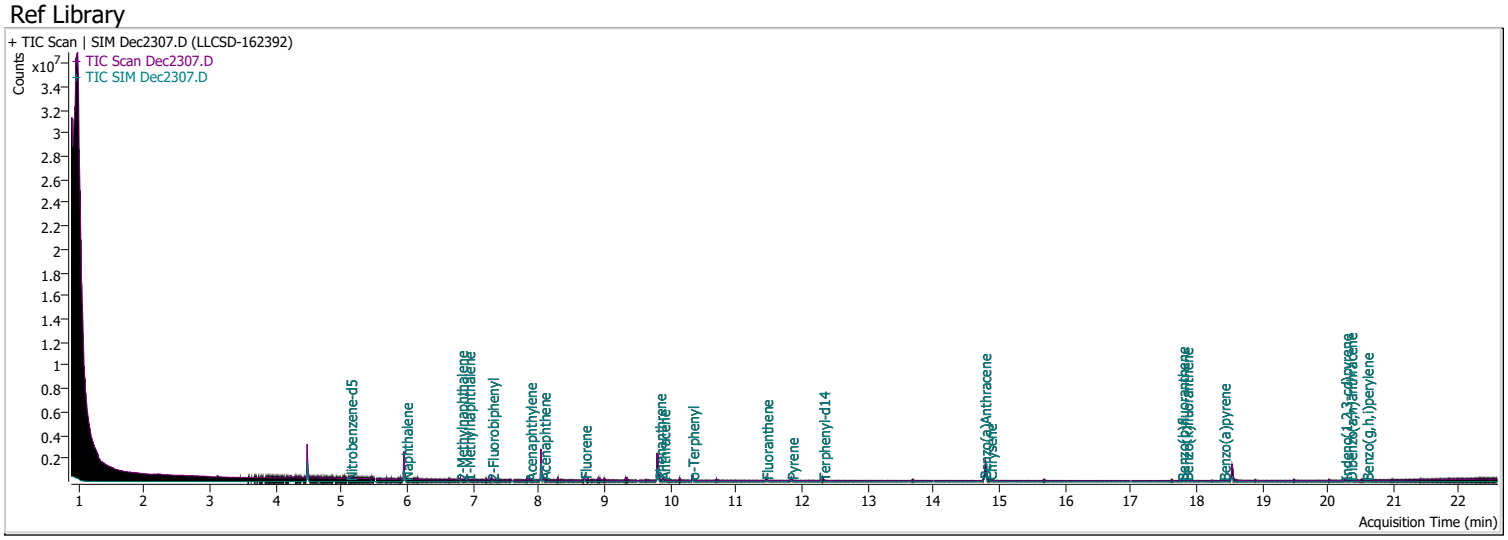


# Quantitation Results Report (QT Reviewed)

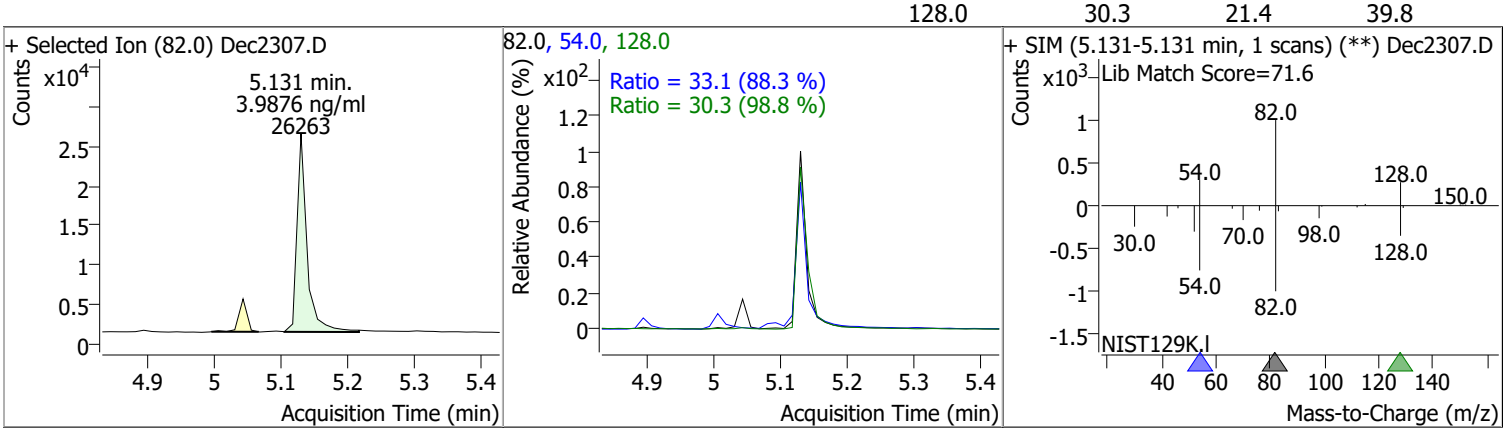
| | | | |
|---|---|---|---|
| Data File | Dec2307.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/23/2021 1:34:52 PM |
| Sample Name | LLCSD-162392 | Instrument | GCMS |
| Vial | 7 | Multiplier | 1.00 |
| DA Method File | 122021 bna SIM 1.batch.bin | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122321 bna SIM 1.batch.bin | Last Calib Update | 12/22/2021 12:25:13 PM |
| Ref Library | | | |



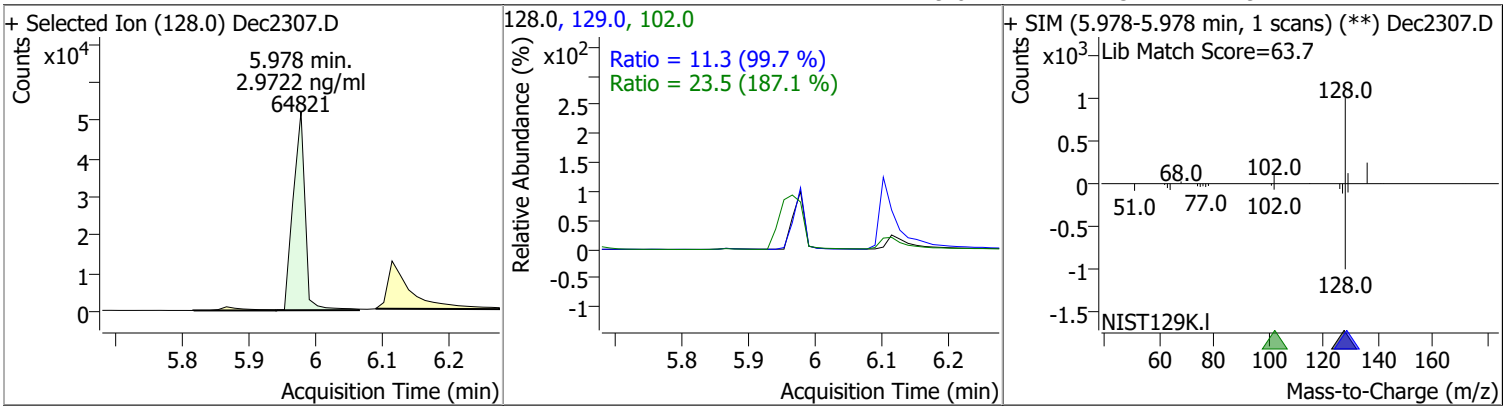

| Compound | RT | QIon | Resp. | Conc. | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| **System Monitoring Compounds** | | | | | | | |
| S Nitrobenzene-d5 | 5.131 | 82.0 | 26263 | 3.9876 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 79.75% | | | |
| S 2-Fluorobiphenyl | 7.289 | 172.0 | 84943 | 4.3464 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 86.93% | | | |
| S Terphenyl-d14 | 12.325 | 244.0 | 72993 | 5.4607 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 109.21% | | * | |
| **Target Compounds** | | | | | | | **QValue** |
| T Naphthalene | 5.978 | 128.0 | 64821 | 2.9722 | ng/ml | | 85 |
| T 2-Methylnaphthalene | 6.815 | 141.0 | 37391 | 2.8294 | ng/ml | m | 88 |
| T 1-Methylnaphthalene | 6.927 | 141.0 | 39005 | 3.0172 | ng/ml | m | 98 |

**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

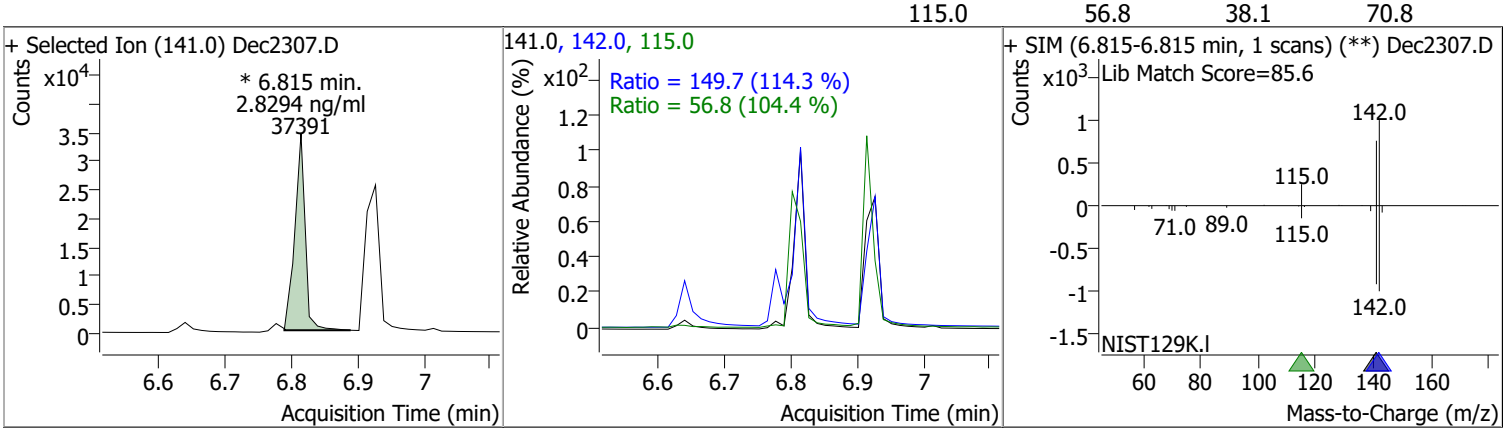
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 3.9876 | 5.13 | 0.00 | 26263 | 54.0 | 33.1 | 26.3 | 48.8 |
| | | | | | 128.0 | 30.3 | 21.4 | 39.8 |



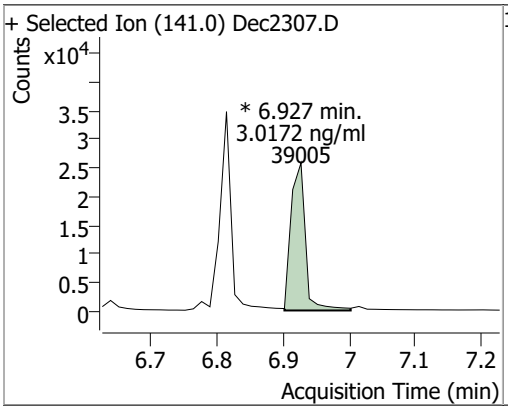

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Naphthalene | 2.9722 | 5.98 | 0.00 | 64821 | 102.0 | 23.5 | 0.0 | 37.7 |
| | | | | | 129.0 | 11.3 | 7.9 | 14.7 |

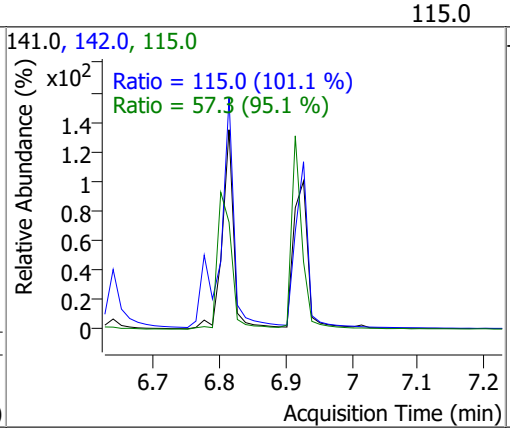


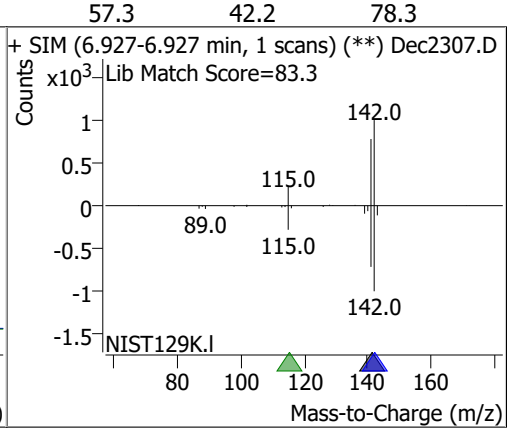

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 2.8294 | 6.81 | 0.00 | 37391 (m) | 142.0 | 149.7 | 91.7 | 170.2 |
| | | | | | 115.0 | 56.8 | 38.1 | 70.8 |



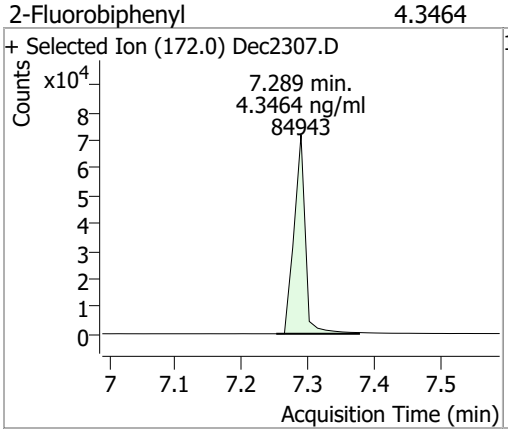
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | 3.0172 | 6.93 | 0.00 | 39005 (m) | 142.0 | 115.0 | 79.6 | 147.8 |
| | | | | | 115.0 | 57.3 | 42.2 | 78.3 |

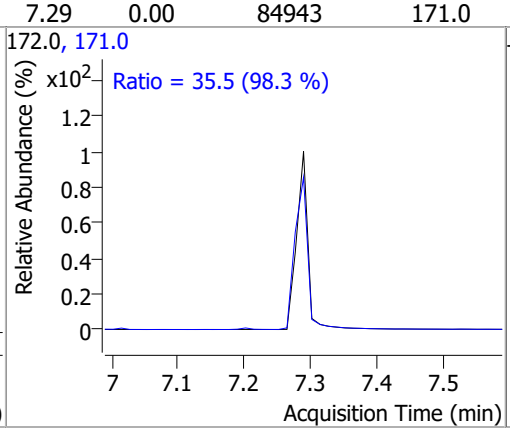


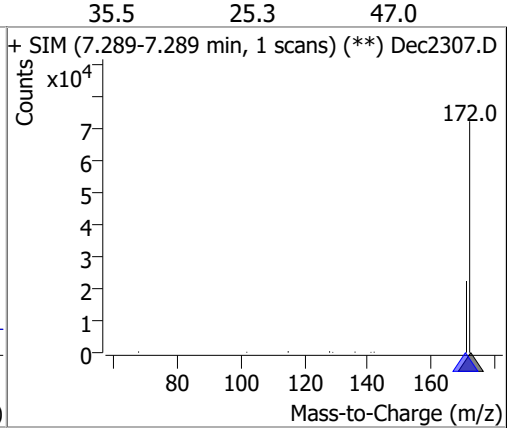



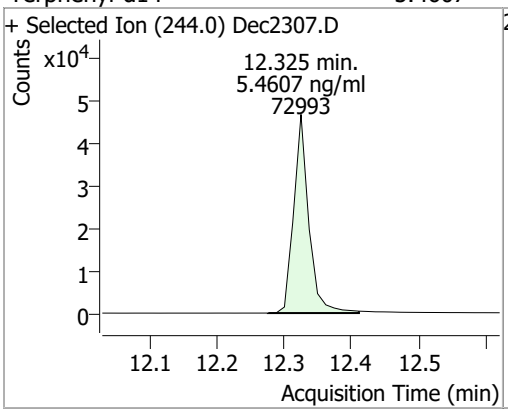

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 4.3464 | 7.29 | 0.00 | 84943 | 171.0 | 35.5 | 25.3 | 47.0 |

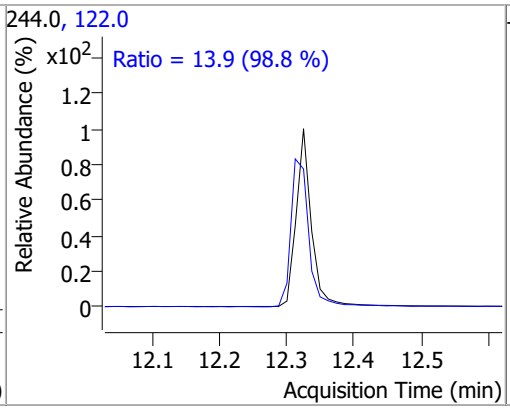


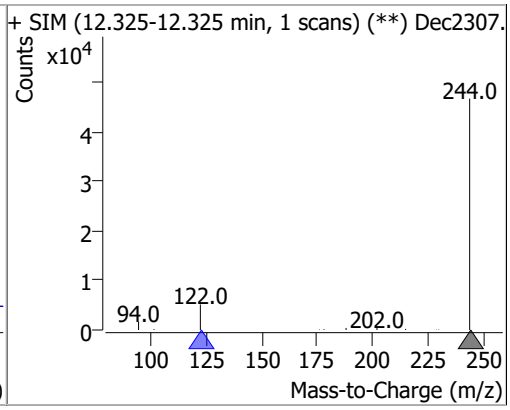




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 5.4607 | 12.32 | 0.00 | 72993 | 122.0 | 13.9 | 9.8 | 18.2 |

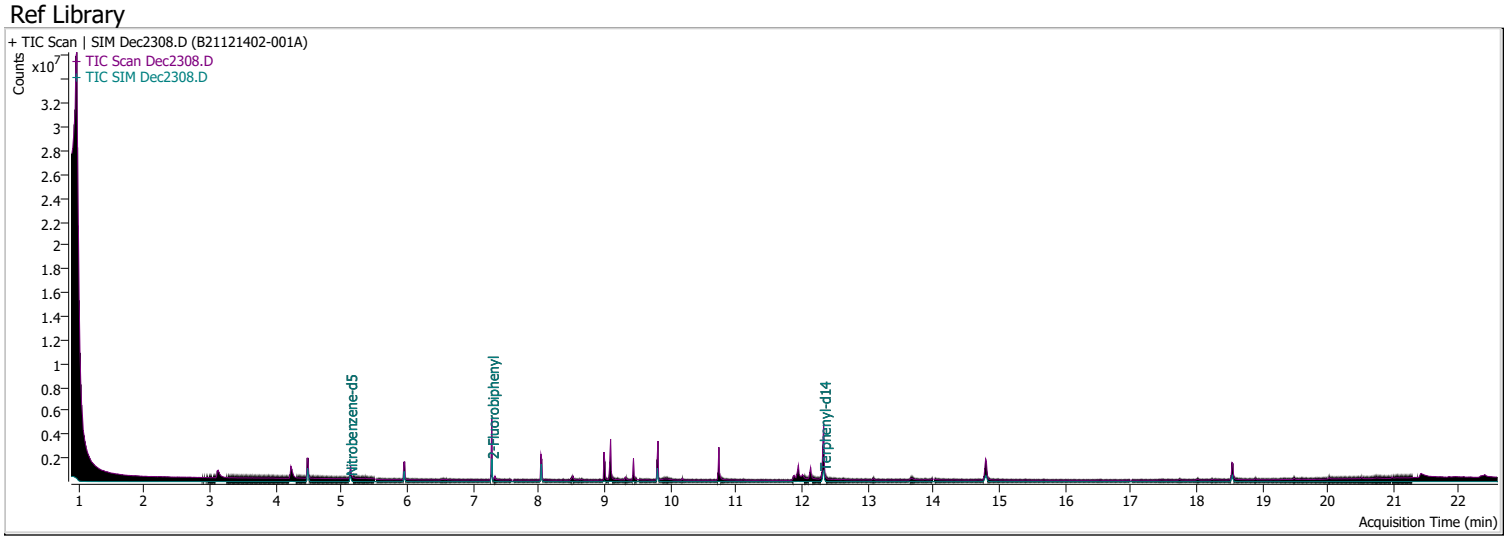


# Quantitation Results Report (QT Reviewed)

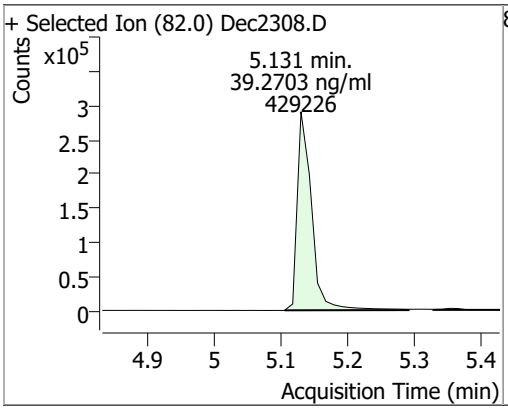
| | | | |
|---|---|---|---|
| Data File | Dec2308.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/23/2021 2:07:40 PM |
| Sample Name | B21121402-001A | Instrument | GCMS |
| Vial | 8 | Multiplier | 1.00 |
| DA Method File | 122021 bna SIM 1.batch.bin | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122321 bna SIM 1.batch.bin | Last Calib Update | 12/22/2021 12:25:13 PM |
| Ref Library | | | |

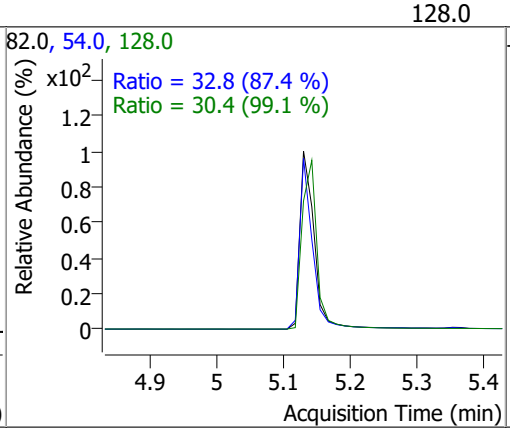


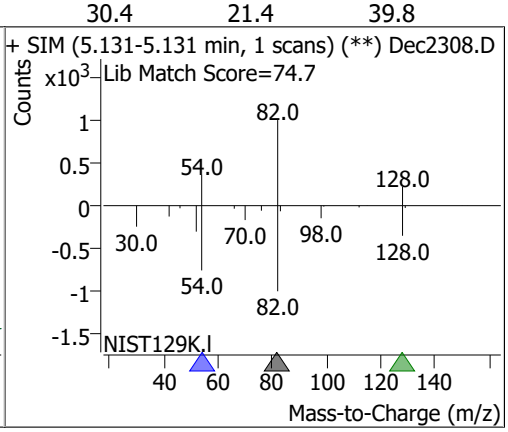

| Compound | RT | QIon | Resp. | Conc. | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| **System Monitoring Compounds** | | | | | | | |
| S Nitrobenzene-d5 | 5.131 | 82.0 | 429226 | 39.2703 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 785.41% | | * | |
| S 2-Fluorobiphenyl | 7.289 | 172.0 | 1313217 | 60.6052 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 1212.10% | | * | |
| S Terphenyl-d14 | 12.337 | 244.0 | 1311391 | 88.5173 | ng/ml | | 0.012 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 1770.35% | | * | |
| **Target Compounds** | | | | | | | **QValue** |
| T Naphthalene | 0.000 | | 0 | N.D. | | | |
| T 2-Methylnaphthalene | 0.000 | | 0 | N.D. | | | |
| T 1-Methylnaphthalene | 0.000 | | 0 | N.D. | | | |

**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

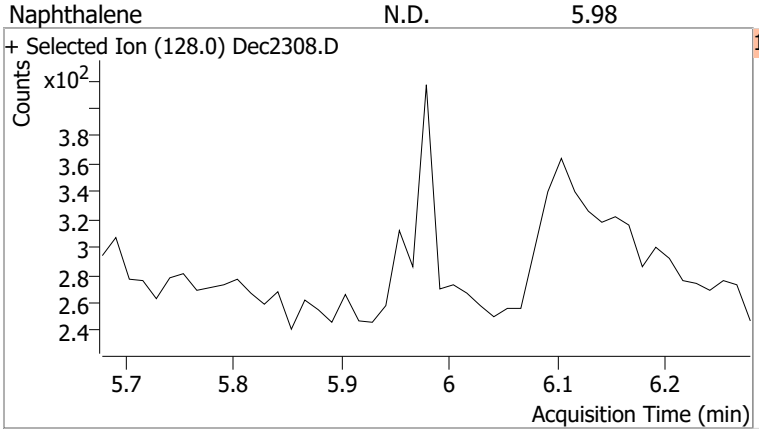
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 39.2703 | 5.13 | 0.00 | 429226 | 54.0 | 32.8 | 26.3 | 48.8 |
| | | | | | 128.0 | 30.4 | 21.4 | 39.8 |

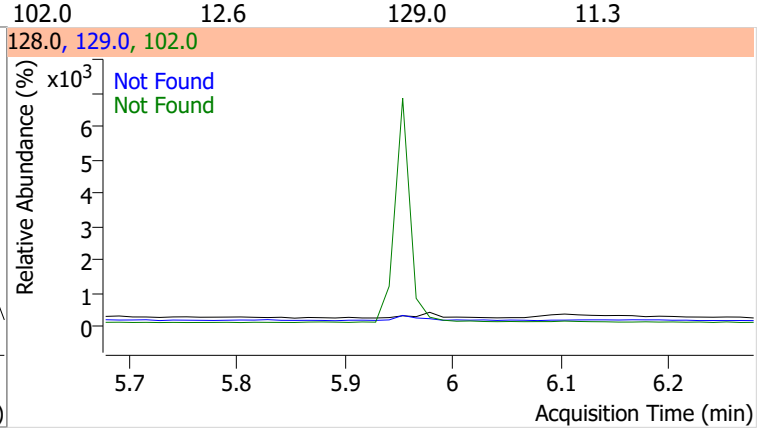


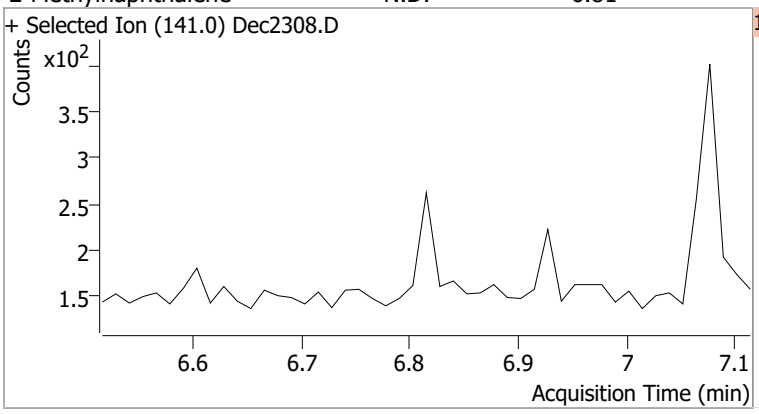



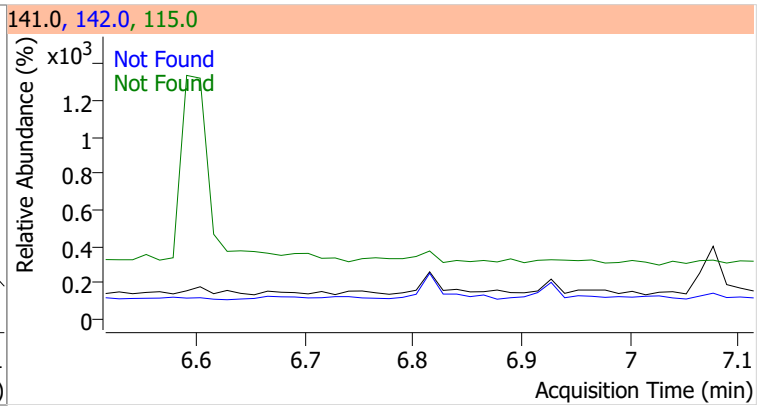

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| Naphthalene | N.D. | 5.98 | 102.0 | 12.6 | 129.0 | 11.3 |



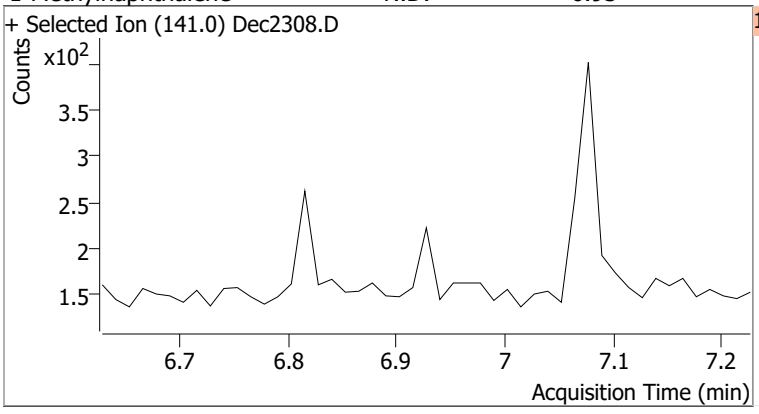



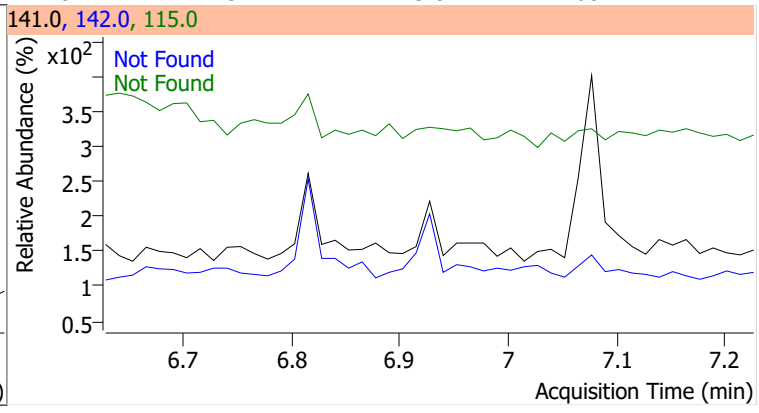

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | N.D. | 6.81 | 142.0 | 131.0 | 115.0 | 54.4 |



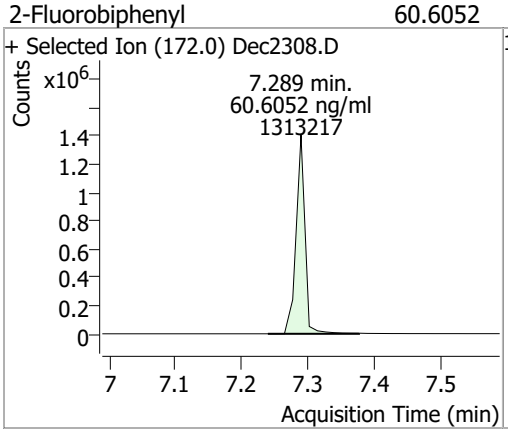



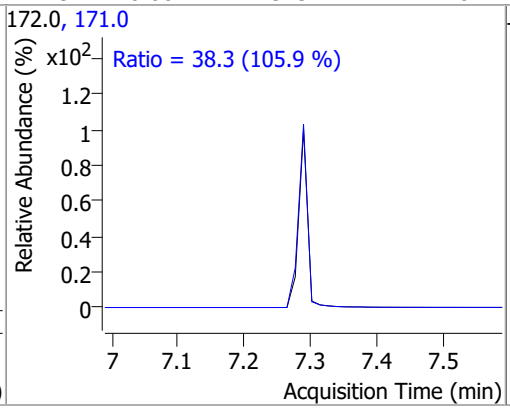

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | N.D. | 6.93 | 142.0 | 113.7 | 115.0 | 60.2 |

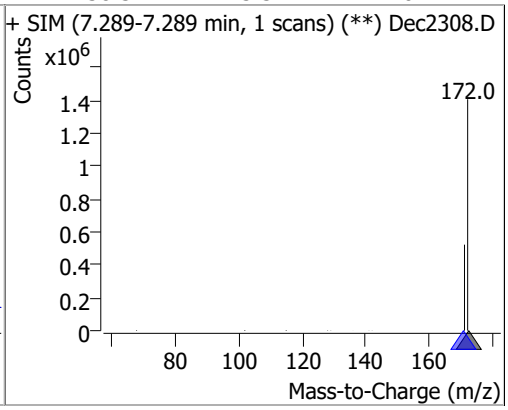


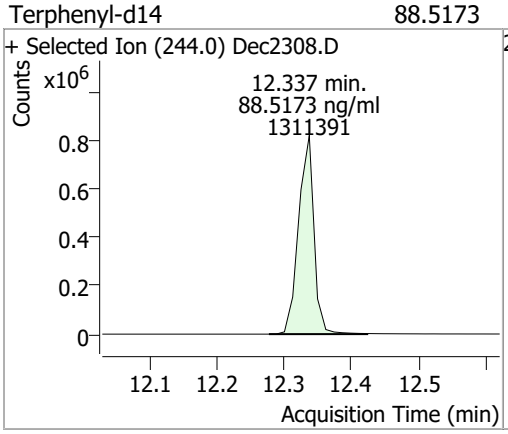
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 60.6052 | 7.29 | 0.00 | 1313217 | 171.0 | 38.3 | 25.3 | 47.0 |

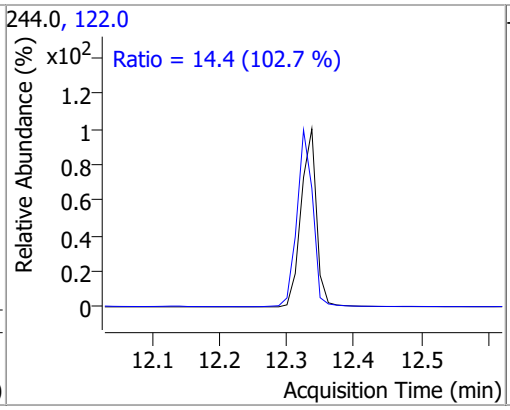


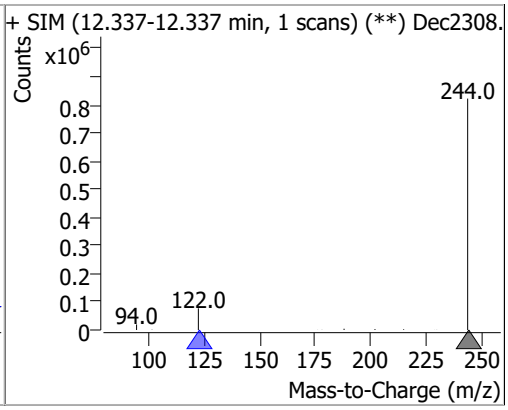




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 88.5173 | 12.34 | 0.01 | 1311391 | 122.0 | 14.4 | 9.8 | 18.2 |



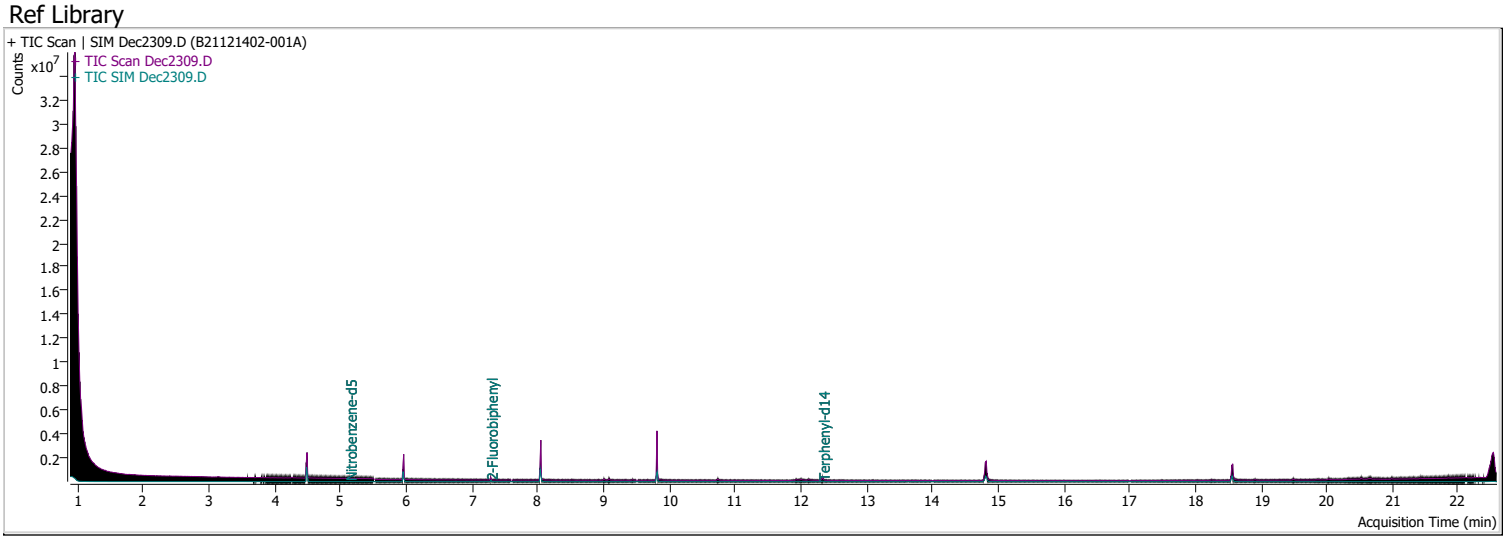



# Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

| | | | |
|---|---|---|---|
| Data File | Dec2309.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/23/2021 2:40:25 PM |
| Sample Name | B21121402-001A | Instrument | GCMS |
| Vial | 9 | Multiplier | 20.00 |
| DA Method File | 122021 bna SIM 1.batch.bin | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122321 bna SIM 1.batch.bin | Last Calib Update | 12/22/2021 12:25:13 PM |
| Ref Library | | | |

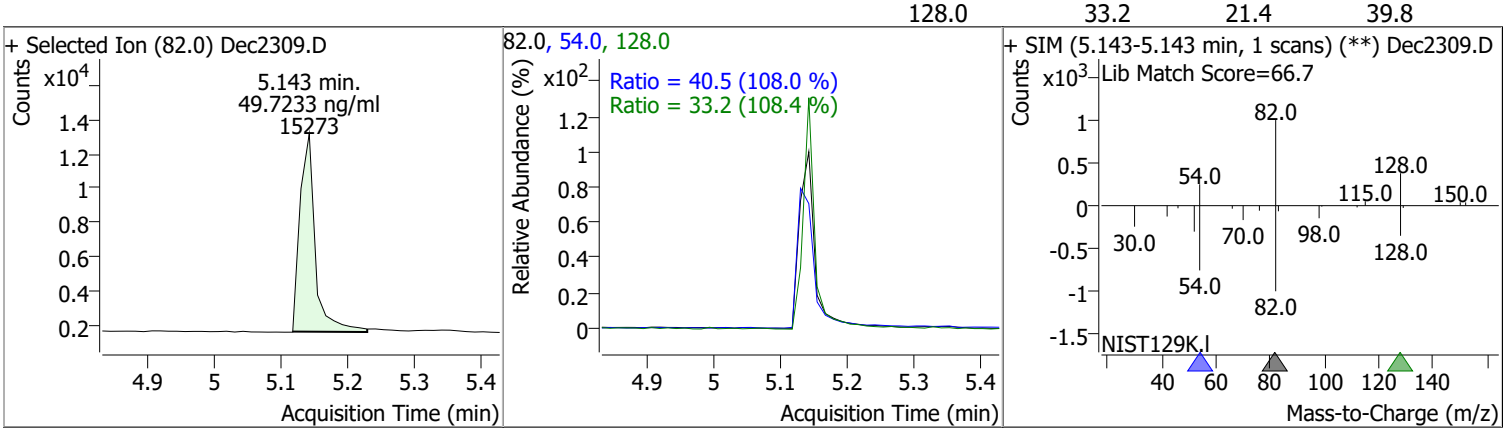



| Compound | RT | QIon | Resp. | Conc. | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| **System Monitoring Compounds** | | | | | | | |
| S Nitrobenzene-d5 | 5.143 | 82.0 | 15273 | 49.7233 | ng/ml | | 0.012 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 994.47% | | * | |
| S 2-Fluorobiphenyl | 7.289 | 172.0 | 70377 | 78.4364 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 1568.73% | | * | |
| S Terphenyl-d14 | 12.337 | 244.0 | 61629 | 91.0758 | ng/ml | | 0.012 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 1821.52% | | * | |
| **Target Compounds** | | | | | | | **QValue** |
| T Naphthalene | 0.000 | | 0 | N.D. | | | |
| T 2-Methylnaphthalene | 0.000 | | 0 | N.D. | | | |
| T 1-Methylnaphthalene | 0.000 | | 0 | N.D. | | | |

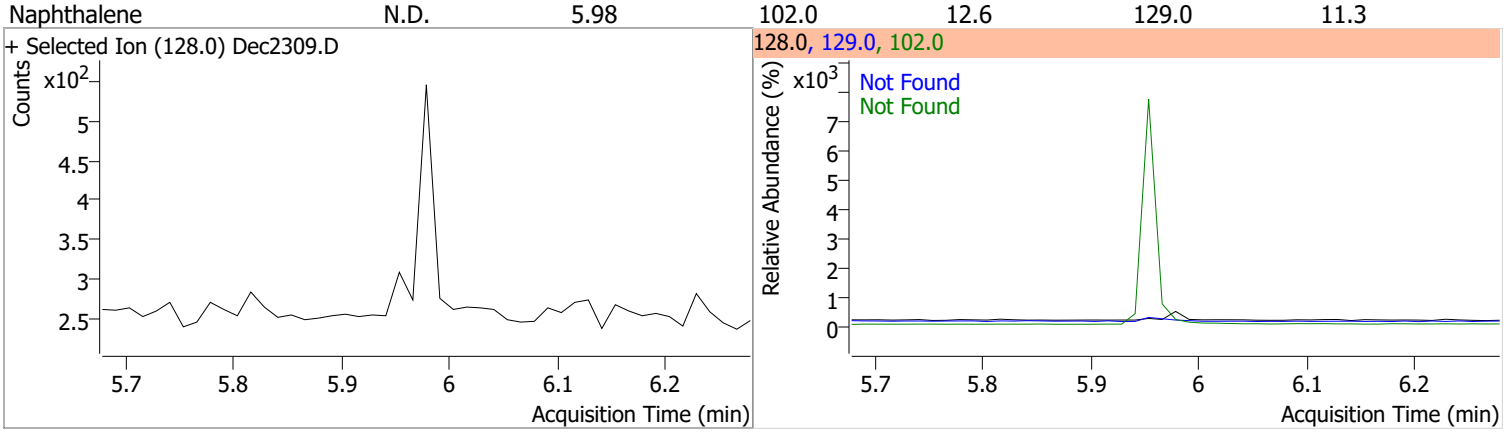
**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

# Quantitation Results Report (QT Reviewed)

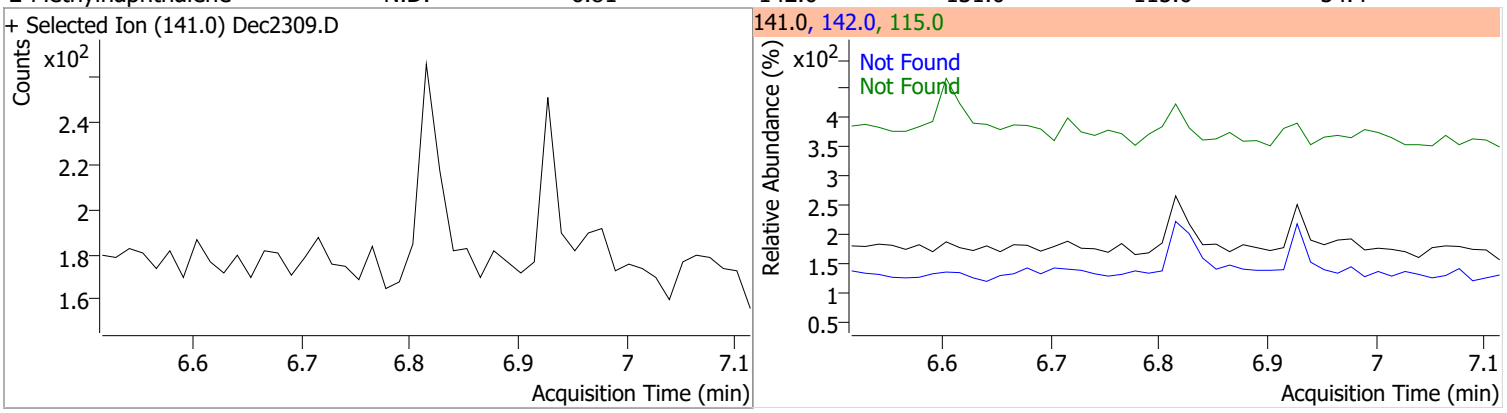
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 49.7233 | 5.14 | 0.01 | 15273 | 54.0 | 40.5 | 26.3 | 48.8 |
| | | | | | 128.0 | 33.2 | 21.4 | 39.8 |



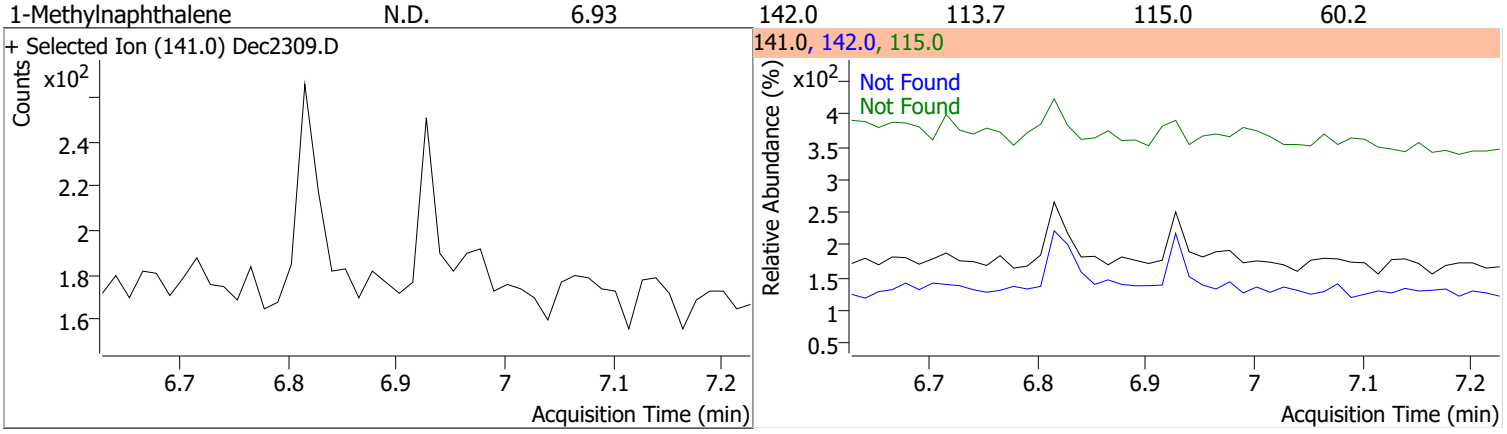

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| Naphthalene | N.D. | 5.98 | 102.0 | 12.6 | 129.0 | 11.3 |



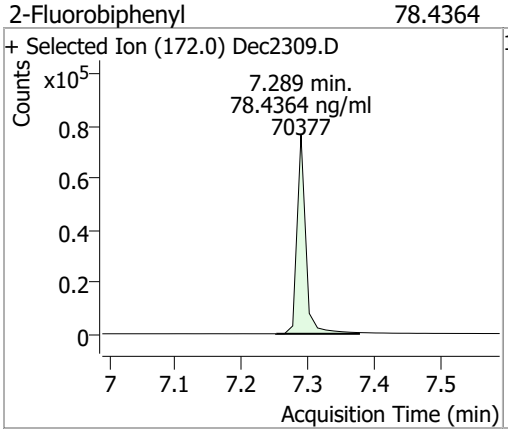

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | N.D. | 6.81 | 142.0 | 131.0 | 115.0 | 54.4 |

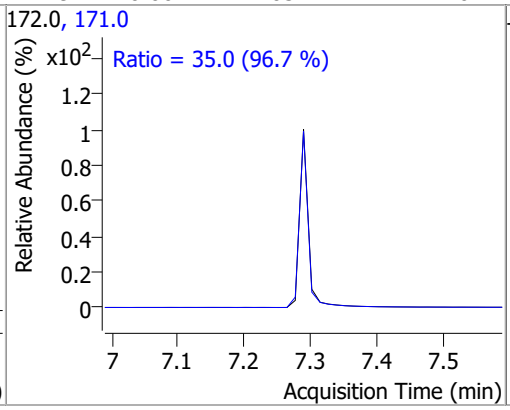


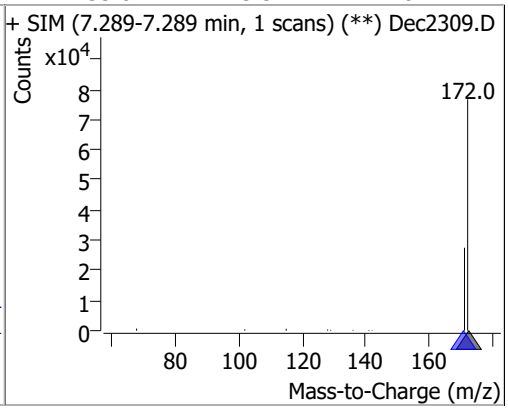

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | N.D. | 6.93 | 142.0 | 113.7 | 115.0 | 60.2 |



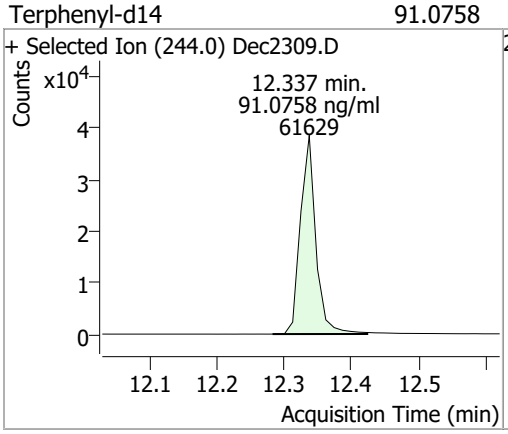
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 78.4364 | 7.29 | 0.00 | 70377 | 171.0 | 35.0 | 25.3 | 47.0 |

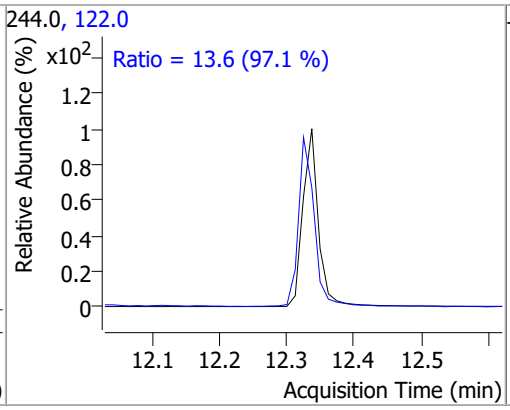


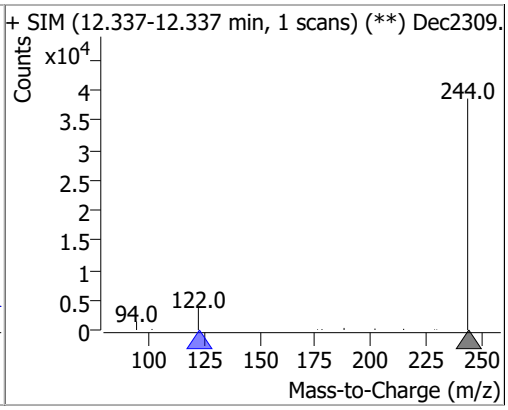




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 91.0758 | 12.34 | 0.01 | 61629 | 122.0 | 13.6 | 9.8 | 18.2 |

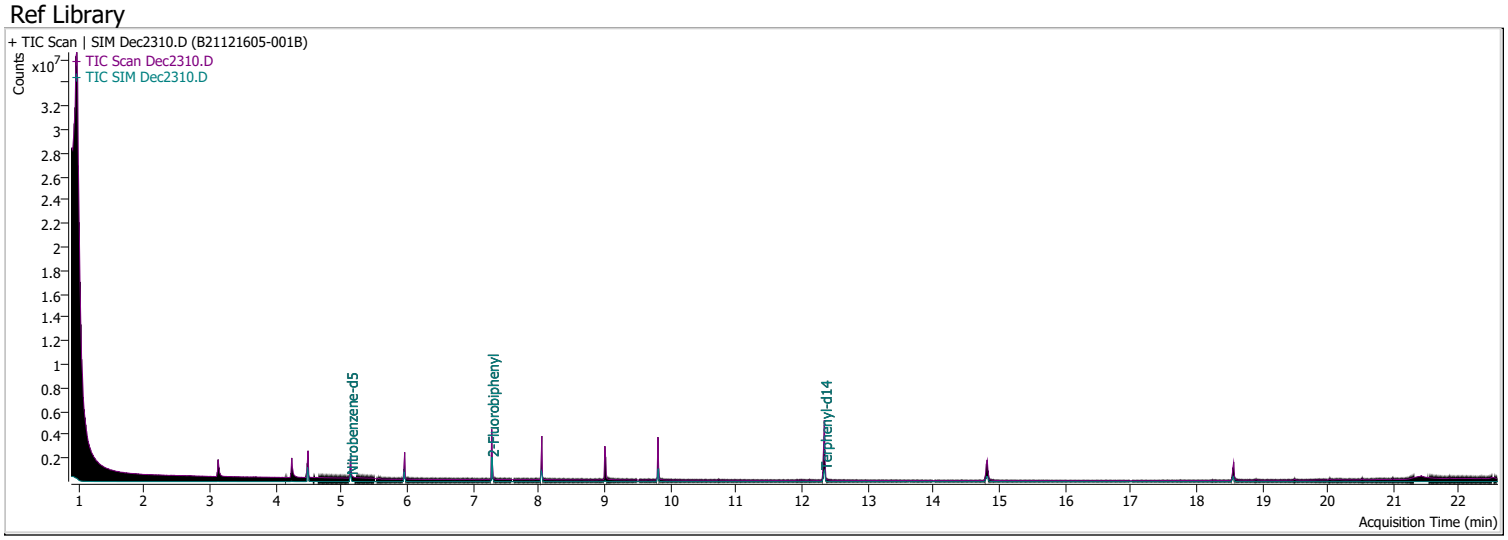


# Quantitation Results Report (QT Reviewed)

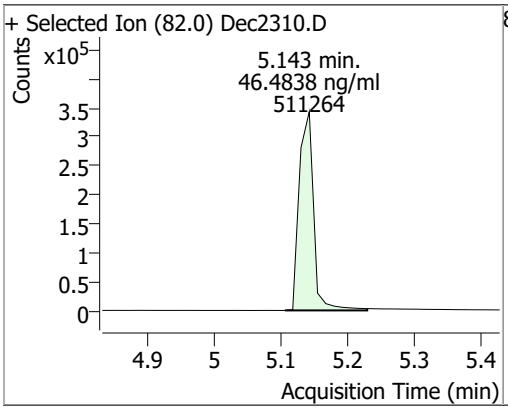
| | | | |
|---|---|---|---|
| Data File | Dec2310.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/23/2021 3:13:15 PM |
| Sample Name | B21121605-001B | Instrument | GCMS |
| Vial | 10 | Multiplier | 1.00 |
| DA Method File | 122021 bna SIM 1.batch.bin | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122321 bna SIM 1.batch.bin | Last Calib Update | 12/22/2021 12:25:13 PM |
| Ref Library | | | |

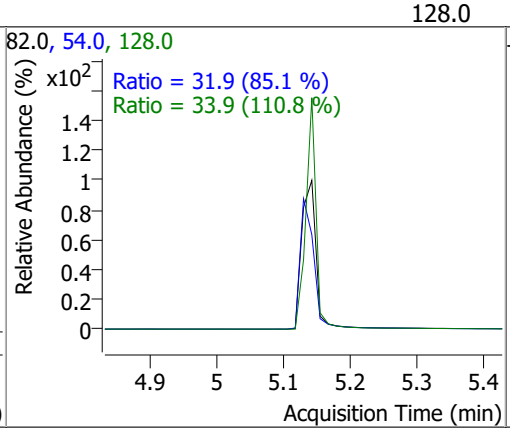


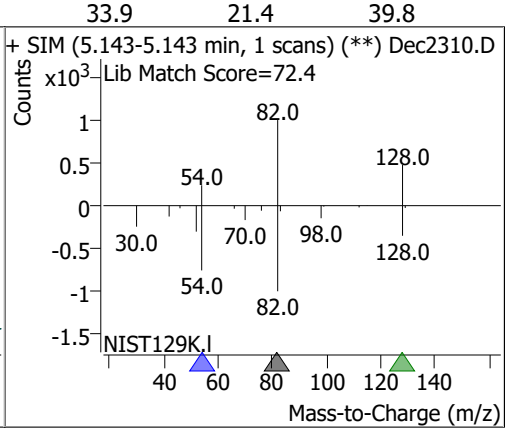

| Compound | RT | QIon | Resp. | Conc. | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| **System Monitoring Compounds** | | | | | | | |
| S Nitrobenzene-d5 | 5.143 | 82.0 | 511264 | 46.4838 | ng/ml | | 0.012 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 929.68% | | * | |
| S 2-Fluorobiphenyl | 7.289 | 172.0 | 1340288 | 62.0435 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 1240.87% | | * | |
| S Terphenyl-d14 | 12.349 | 244.0 | 1412047 | 103.5611 | ng/ml | | 0.025 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 2071.22% | | * | |
| **Target Compounds** | | | | | | | **QValue** |
| T Naphthalene | 0.000 | | 0 | N.D. | | | |
| T 2-Methylnaphthalene | 0.000 | | 0 | N.D. | | | |
| T 1-Methylnaphthalene | 0.000 | | 0 | N.D. | | | |

**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

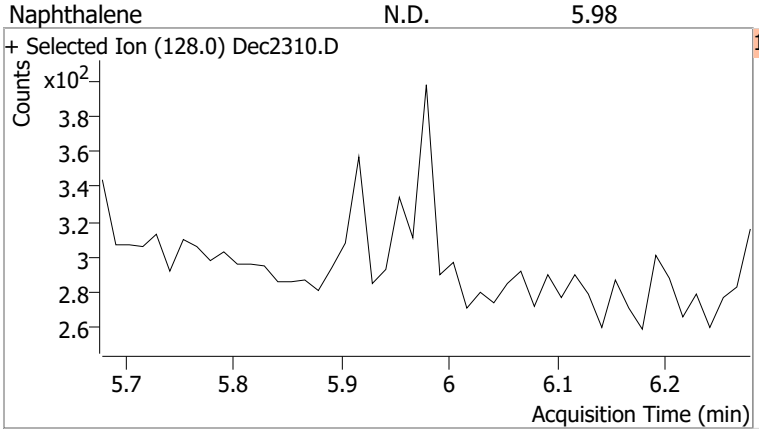
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 46.4838 | 5.14 | 0.01 | 511264 | 54.0 | 31.9 | 26.3 | 48.8 |
| | | | | | 128.0 | 33.9 | 21.4 | 39.8 |

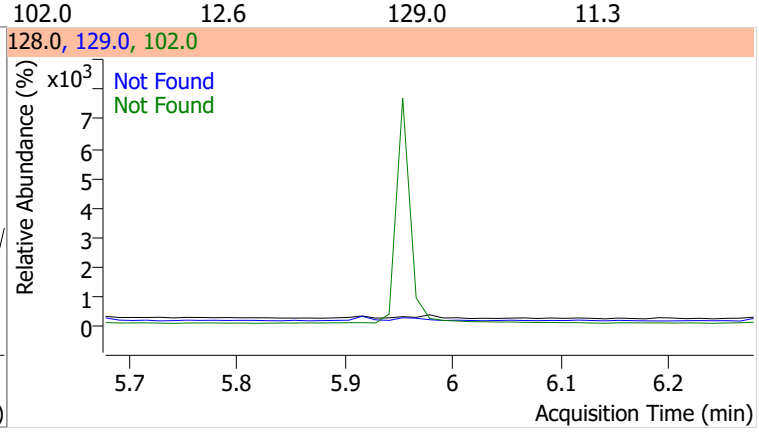


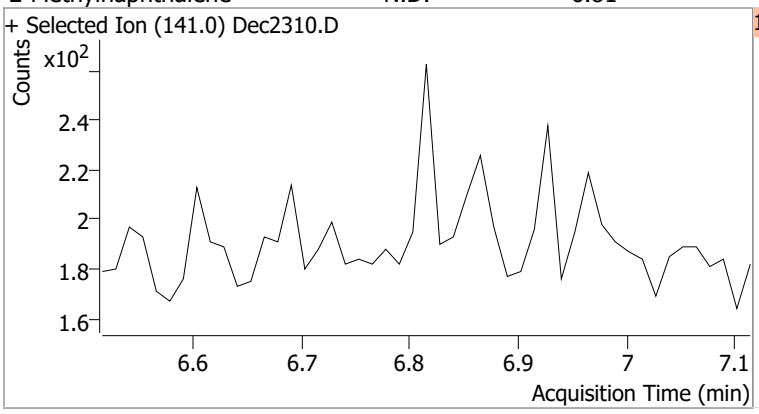



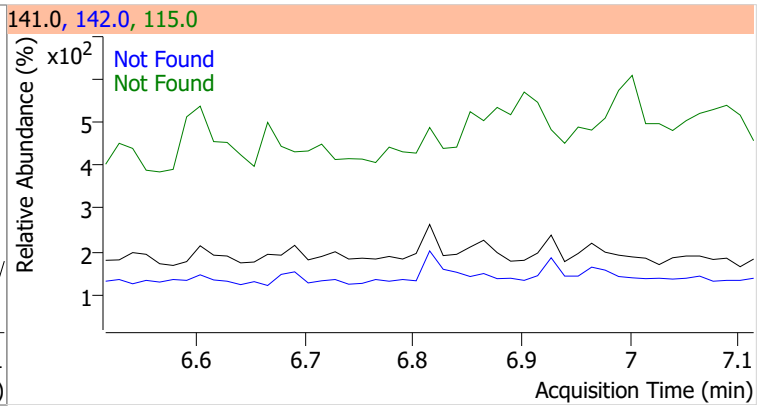

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| Naphthalene | N.D. | 5.98 | 102.0 | 12.6 | 129.0 | 11.3 |



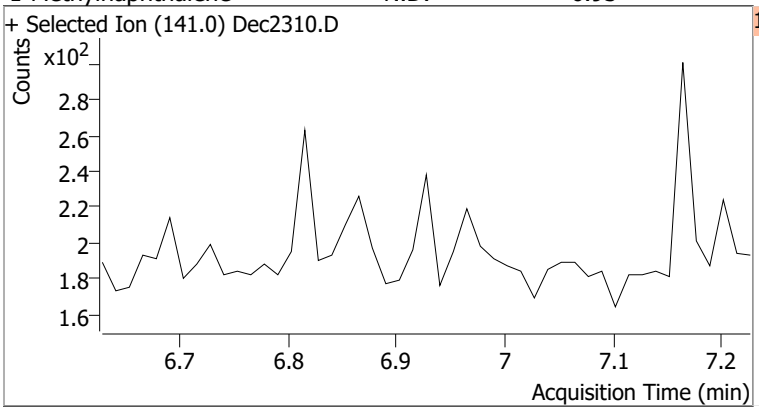



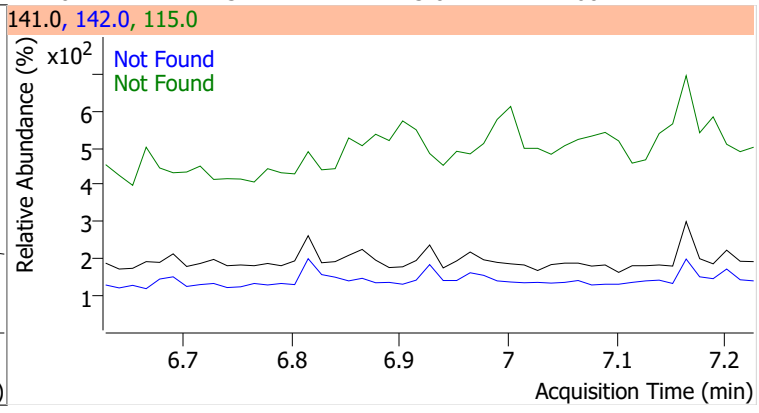

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | N.D. | 6.81 | 142.0 | 131.0 | 115.0 | 54.4 |



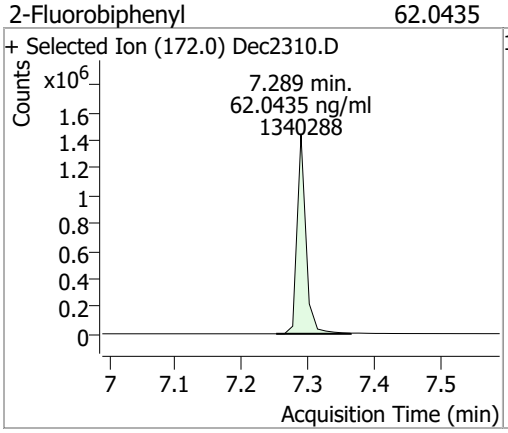



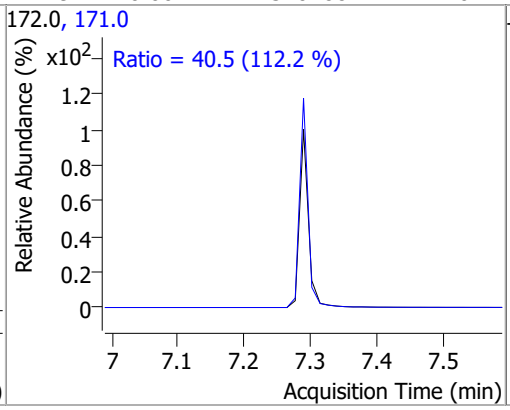

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | N.D. | 6.93 | 142.0 | 113.7 | 115.0 | 60.2 |

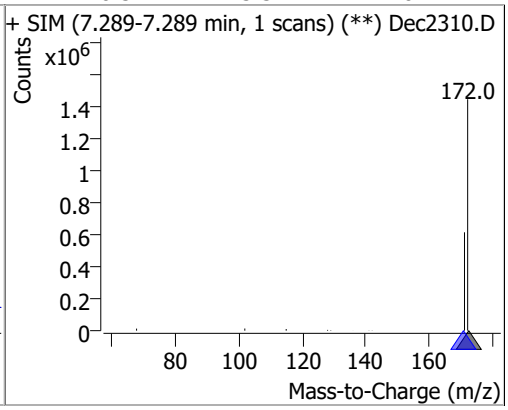


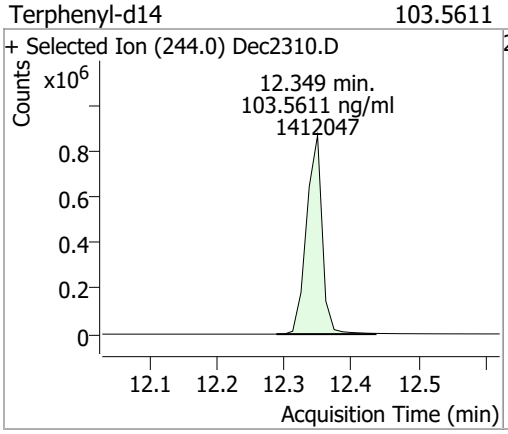
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 62.0435 | 7.29 | 0.00 | 1340288 | 171.0 | 40.5 | 25.3 | 47.0 |

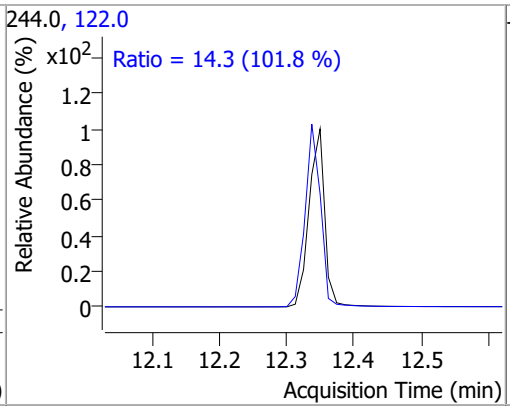


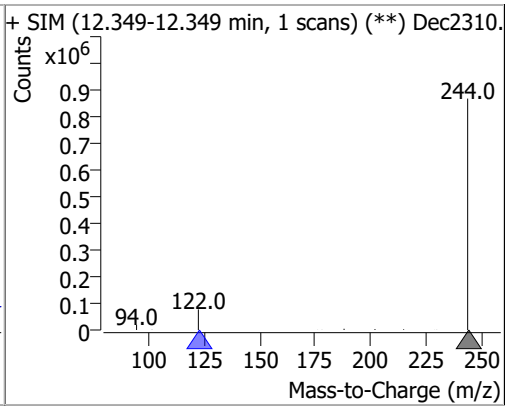




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 103.5611 | 12.35 | 0.02 | 1412047 | 122.0 | 14.3 | 9.8 | 18.2 |

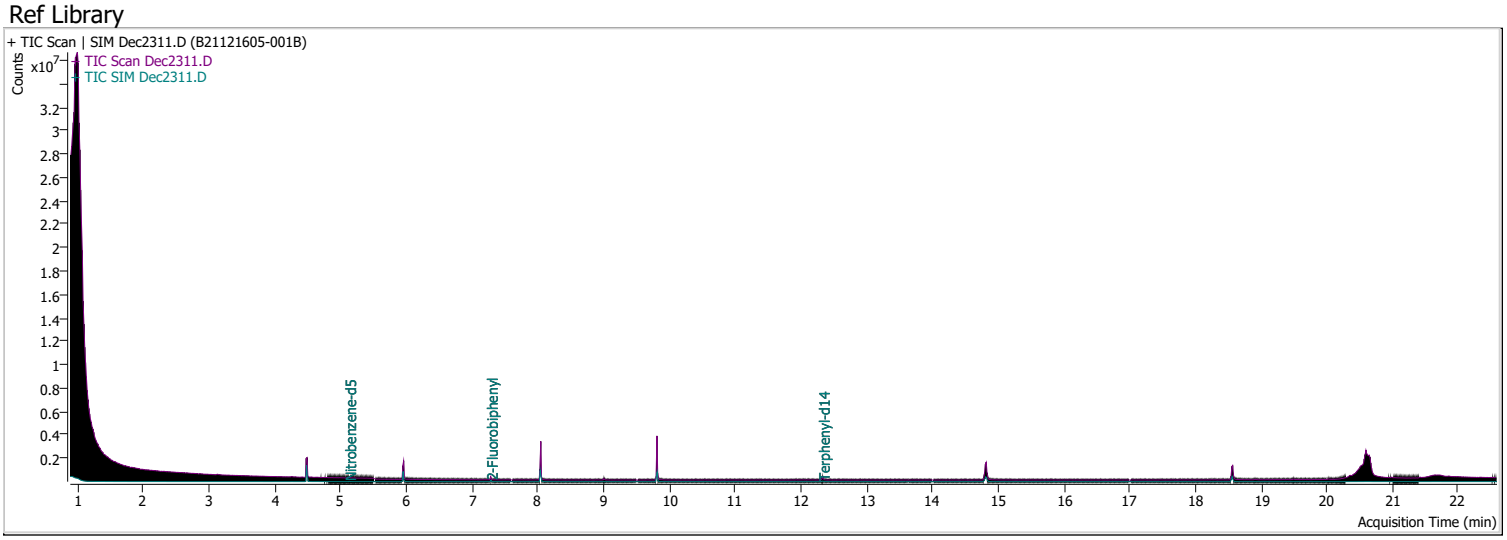


# Quantitation Results Report (QT Reviewed)

| | | | |
|---|---|---|---|
| Data File | Dec2311.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/23/2021 3:45:58 PM |
| Sample Name | B21121605-001B | Instrument | GCMS |
| Vial | 11 | Multiplier | 20.00 |
| DA Method File | 122021 bna SIM 1.batch.bin | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122321 bna SIM 1.batch.bin | Last Calib Update | 12/22/2021 12:25:13 PM |
| Ref Library | | | |

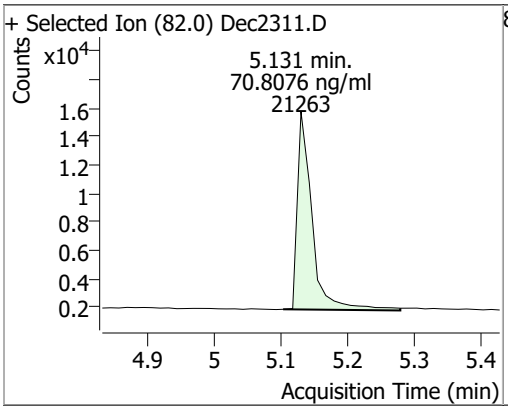


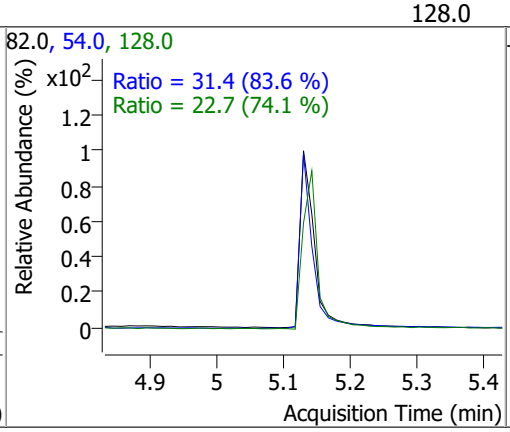

| Compound | RT | QIon | Resp. | Conc. | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| **System Monitoring Compounds** | | | | | | | |
| S Nitrobenzene-d5 | 5.131 | 82.0 | 21263 | 70.8076 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 1416.15% | | * | |
| S 2-Fluorobiphenyl | 7.289 | 172.0 | 78314 | 94.5742 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 1891.48% | | * | |
| S Terphenyl-d14 | 12.337 | 244.0 | 67875 | 109.3396 | ng/ml | | 0.012 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 2186.79% | | * | |
| **Target Compounds** | | | | | | | **QValue** |
| T Naphthalene | 0.000 | | 0 | N.D. | | | |
| T 2-Methylnaphthalene | 0.000 | | 0 | N.D. | | | |
| T 1-Methylnaphthalene | 0.000 | | 0 | N.D. | | | |

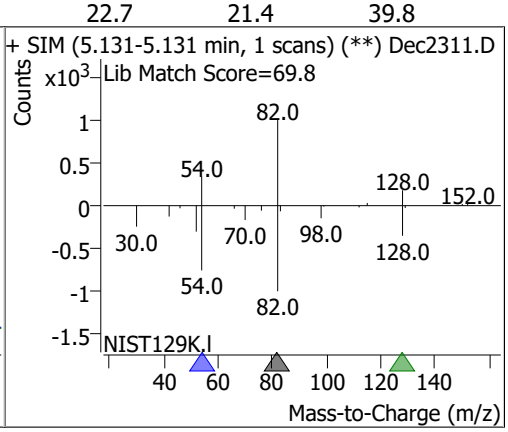
**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

# Quantitation Results Report (QT Reviewed)

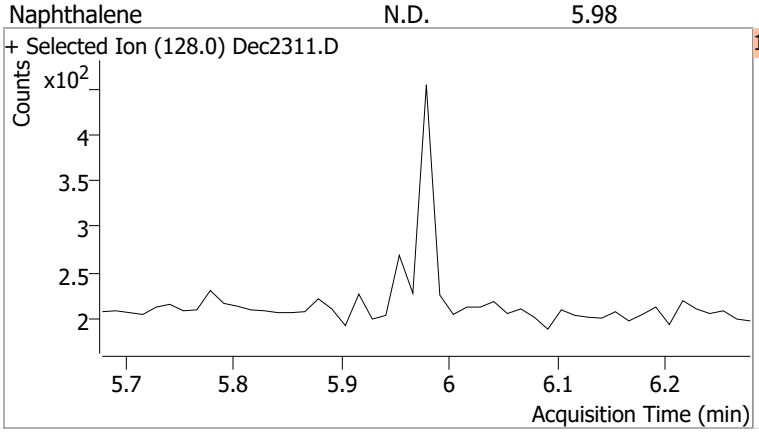
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 70.8076 | 5.13 | 0.00 | 21263 | 54.0 | 31.4 | 26.3 | 48.8 |
| | | | | | 128.0 | 22.7 | 21.4 | 39.8 |

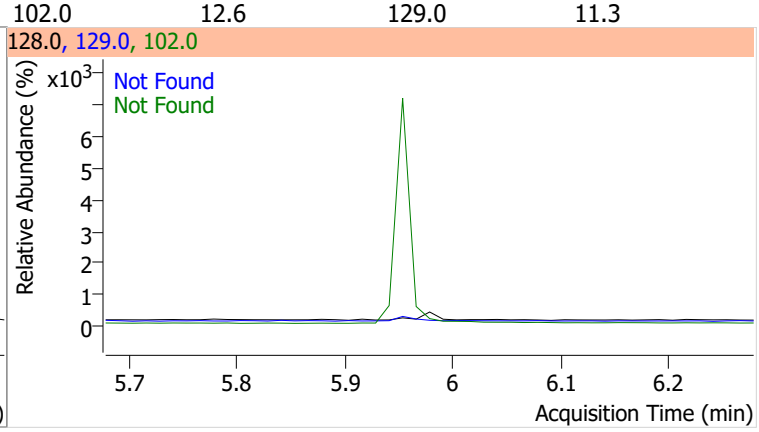


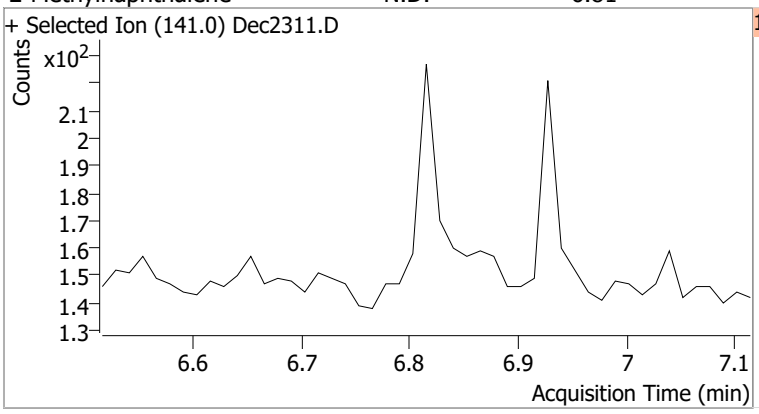



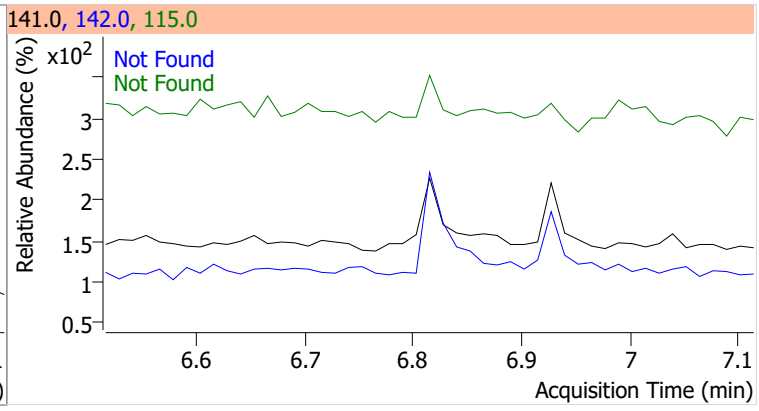

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| Naphthalene | N.D. | 5.98 | 102.0 | 12.6 | 129.0 | 11.3 |



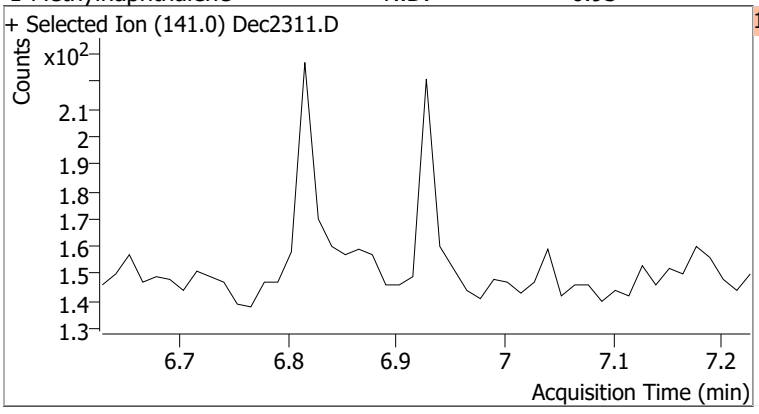



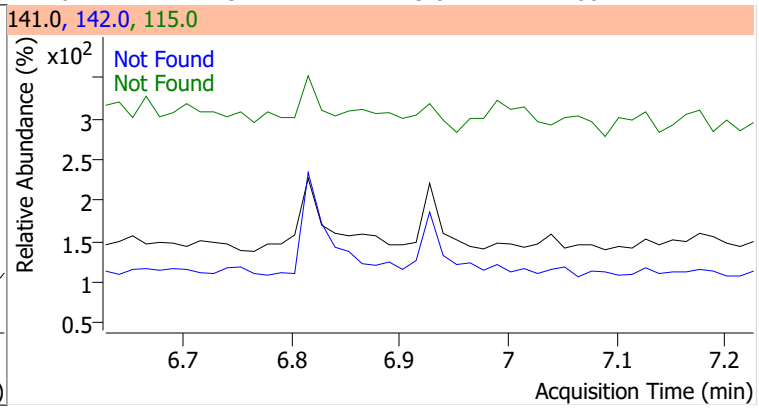

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | N.D. | 6.81 | 142.0 | 131.0 | 115.0 | 54.4 |



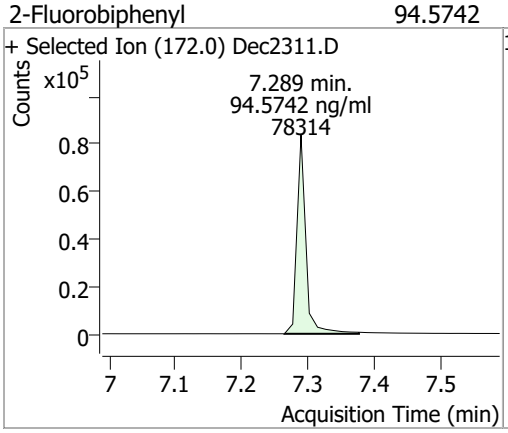



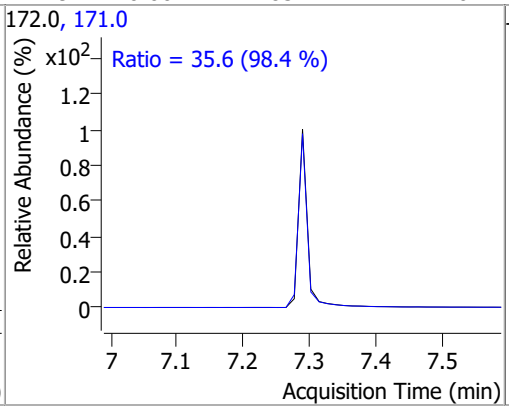

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | N.D. | 6.93 | 142.0 | 113.7 | 115.0 | 60.2 |

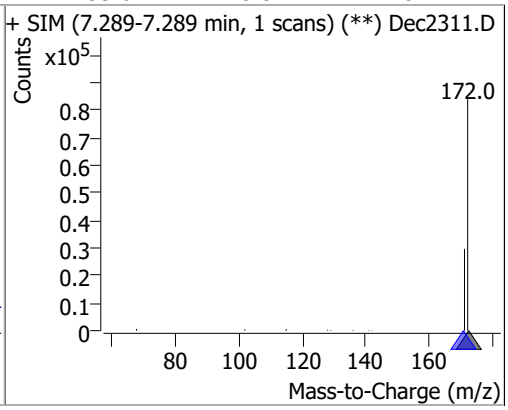


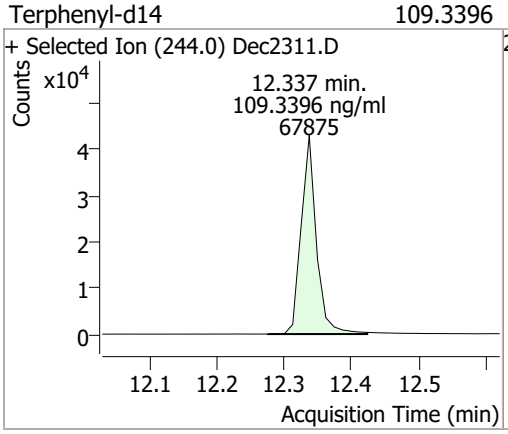
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 94.5742 | 7.29 | 0.00 | 78314 | 171.0 | 35.6 | 25.3 | 47.0 |

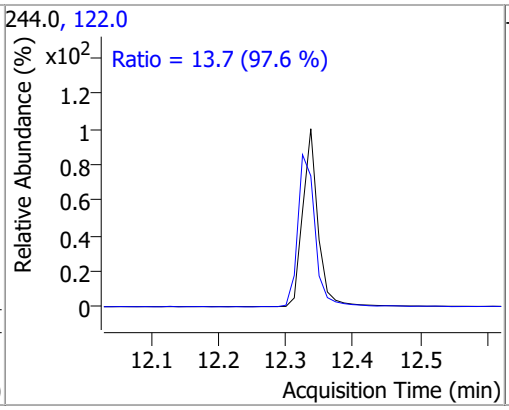


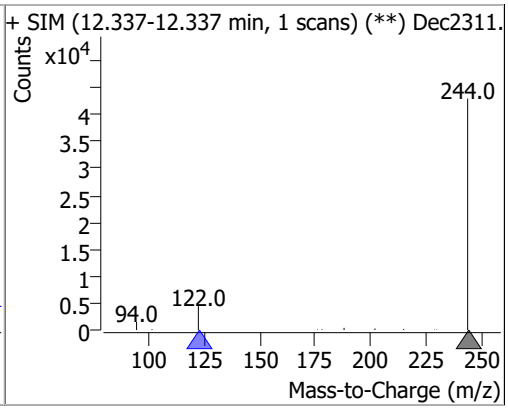




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 109.3396 | 12.34 | 0.01 | 67875 | 122.0 | 13.7 | 9.8 | 18.2 |

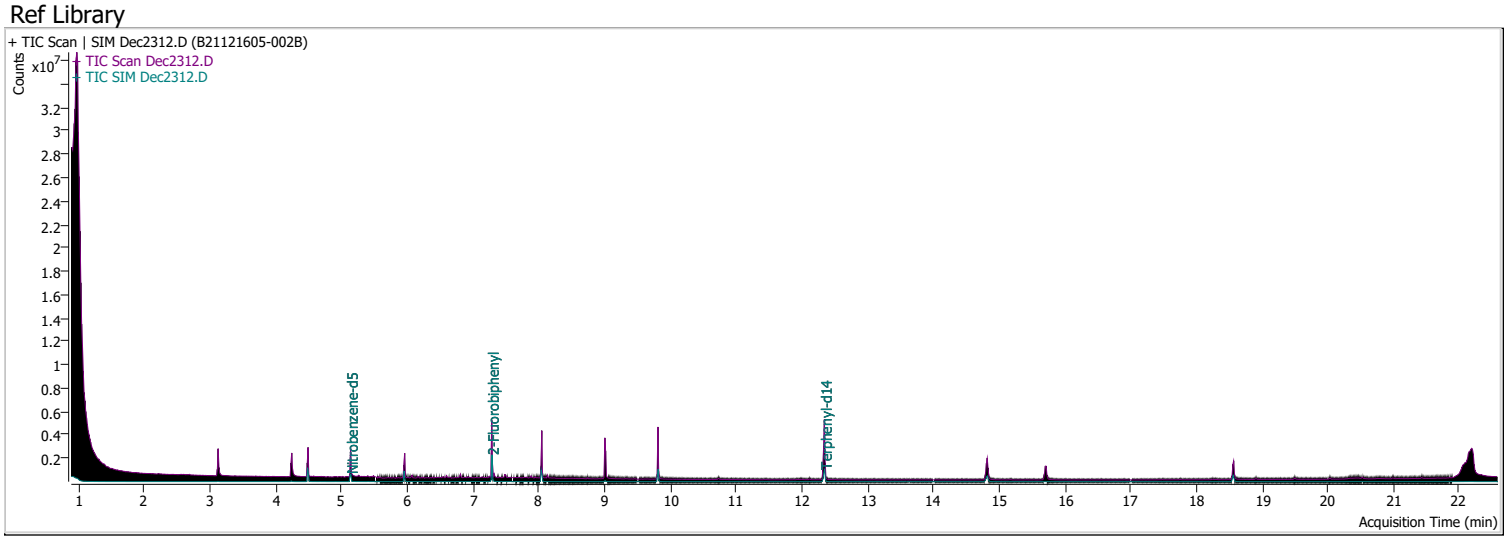


# Quantitation Results Report (QT Reviewed)

| | | | |
|---|---|---|---|
| Data File | Dec2312.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/23/2021 4:18:47 PM |
| Sample Name | B21121605-002B | Instrument | GCMS |
| Vial | 12 | Multiplier | 1.00 |
| DA Method File | 122021 bna SIM 1.batch.bin | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122321 bna SIM 1.batch.bin | Last Calib Update | 12/22/2021 12:25:13 PM |
| Ref Library | | | |

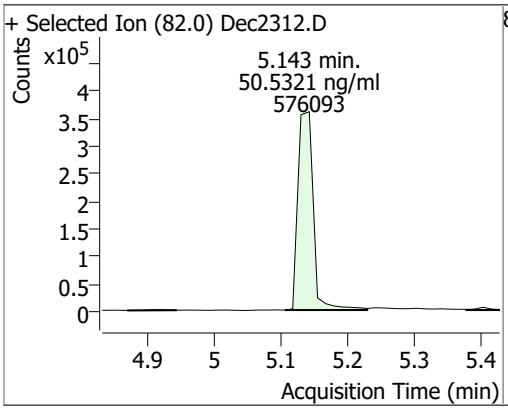


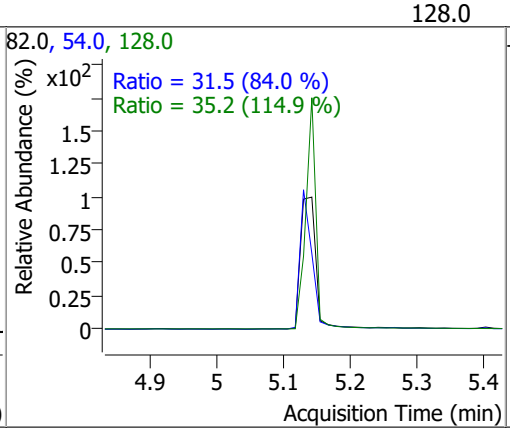

| Compound | RT | QIon | Resp. | Conc. | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| **System Monitoring Compounds** | | | | | | | |
| S Nitrobenzene-d5 | 5.143 | 82.0 | 576093 | 50.5321 | ng/ml | | 0.012 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 1010.64% | | * | |
| S 2-Fluorobiphenyl | 7.289 | 172.0 | 1441923 | 68.0532 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 1361.06% | | * | |
| S Terphenyl-d14 | 12.349 | 244.0 | 1416766 | 95.5442 | ng/ml | | 0.025 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 1910.88% | | * | |
| **Target Compounds** | | | | | | | **QValue** |
| T Naphthalene | 0.000 | | 0 | N.D. | | | |
| T 2-Methylnaphthalene | 6.815 | 141.0 | 0 | | ng/ml | md | 1 |
| T 1-Methylnaphthalene | 6.815 | 141.0 | 0 | | ng/ml | md | 1 |

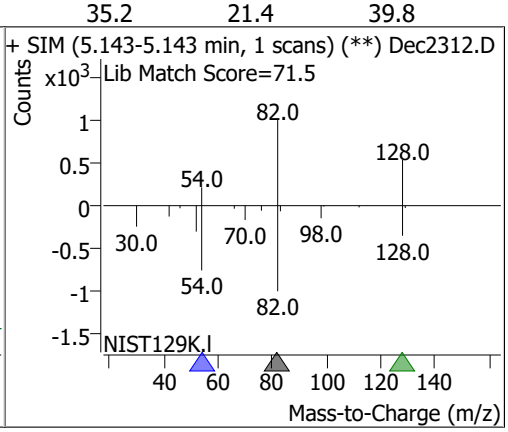
**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

# Quantitation Results Report (QT Reviewed)

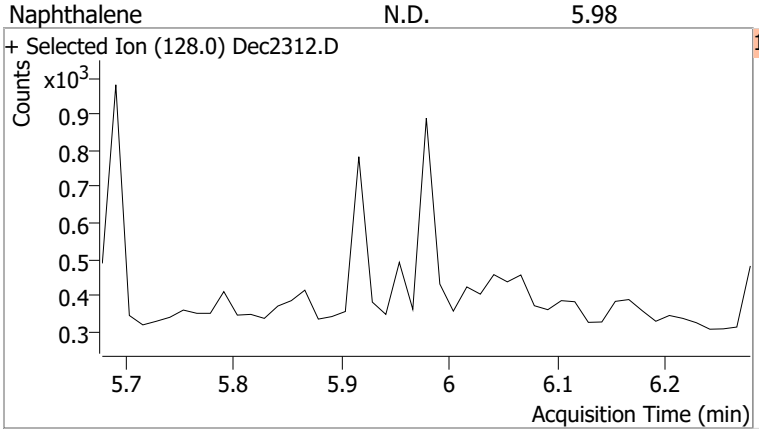
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 50.5321 | 5.14 | 0.01 | 576093 | 54.0 | 31.5 | 26.3 | 48.8 |
| | | | | | 128.0 | 35.2 | 21.4 | 39.8 |

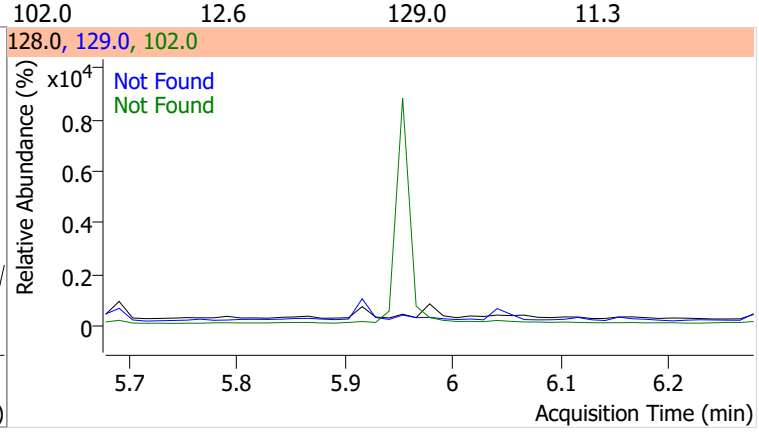


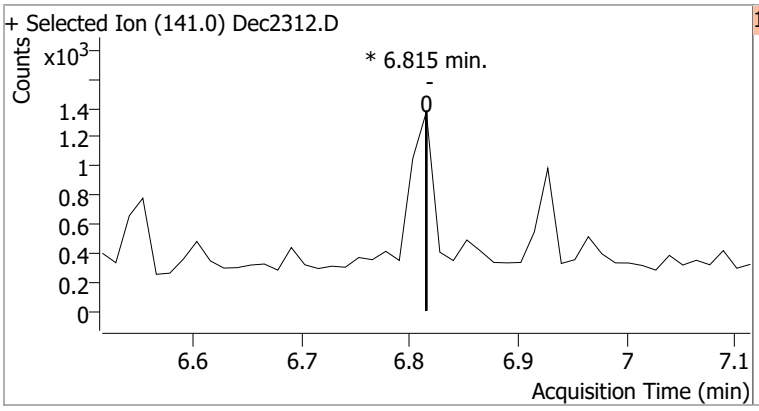



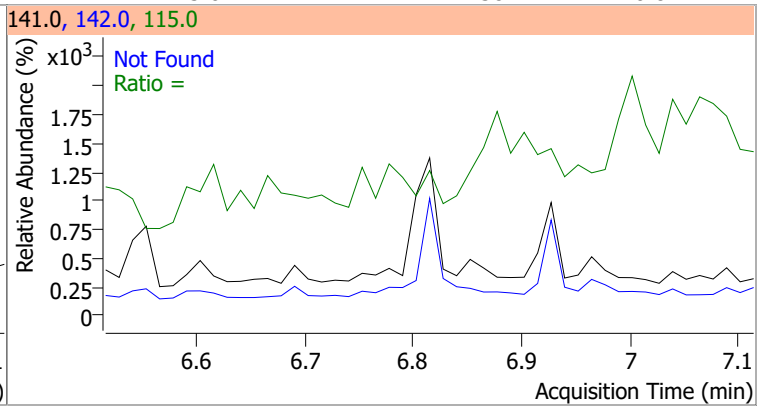

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| Naphthalene | N.D. | 5.98 | 102.0 | 12.6 | 129.0 | 11.3 |



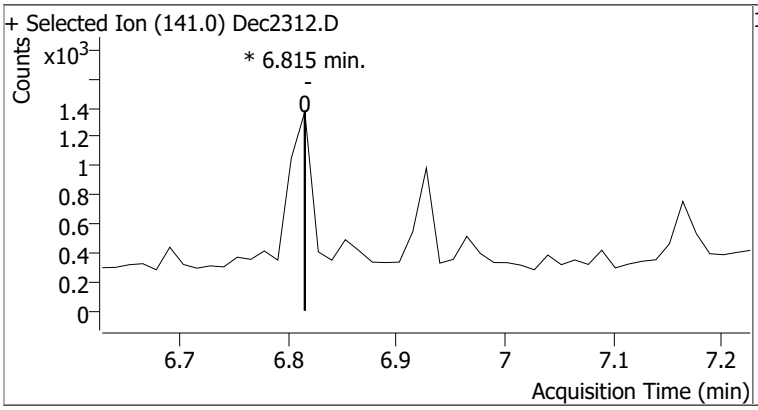



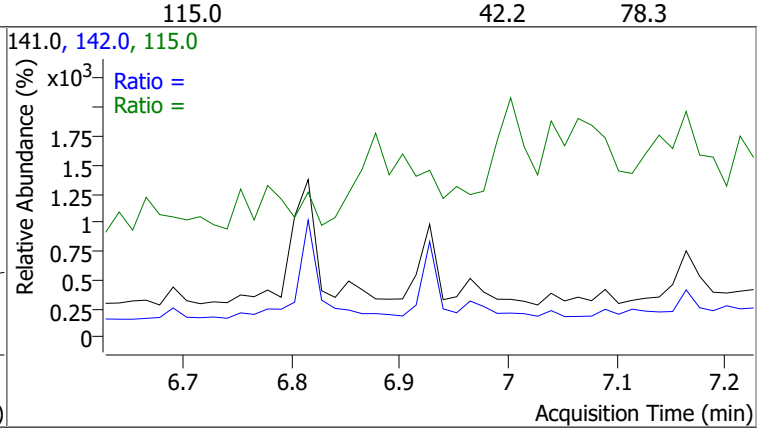

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | | 0 | | 0 | 142.0 | | 91.7 | 170.2 |
| | | | | | 115.0 | | 38.1 | 70.8 |



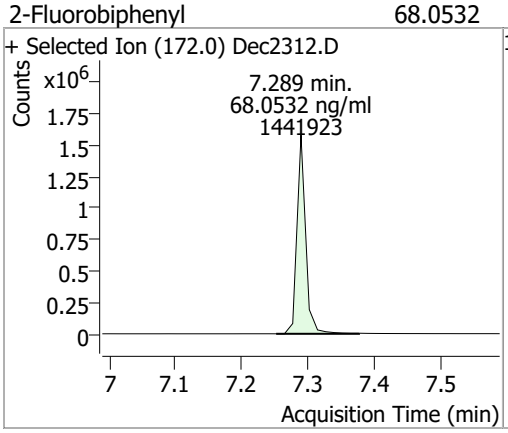



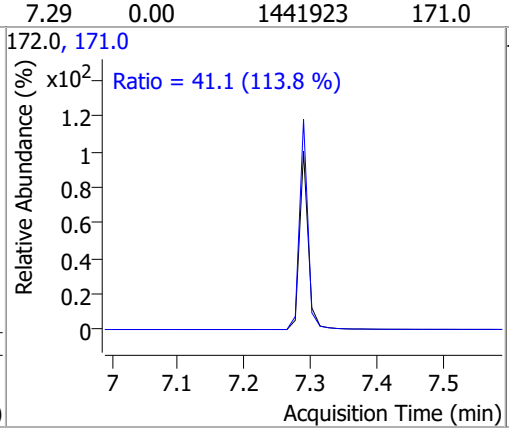
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | | 0 | | 0 | 142.0 | | 79.6 | 147.8 |
| | | | | | 115.0 | | 42.2 | 78.3 |

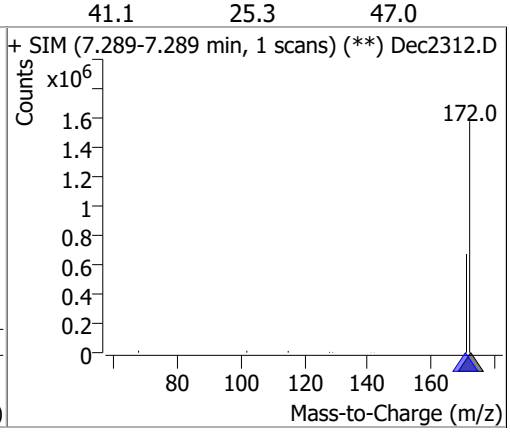


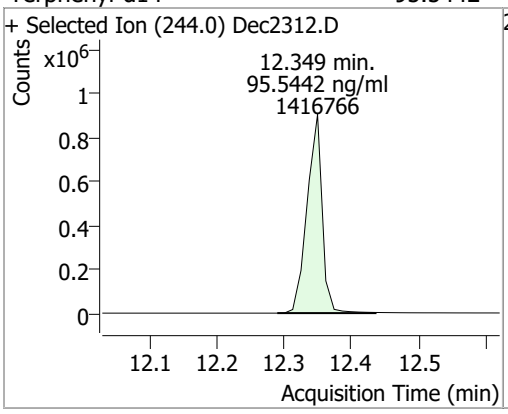

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 68.0532 | 7.29 | 0.00 | 1441923 | 171.0 | 41.1 | 25.3 | 47.0 |

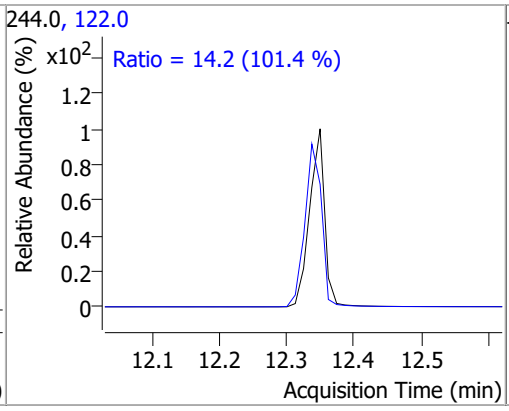


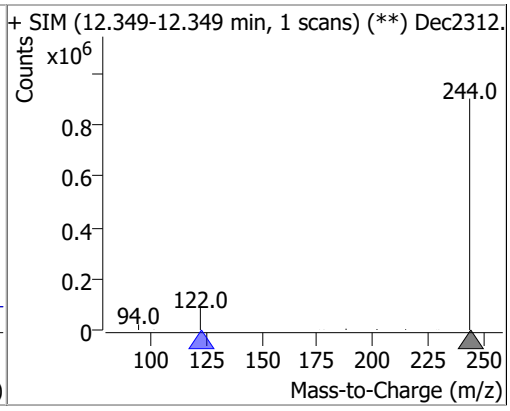




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 95.5442 | 12.35 | 0.02 | 1416766 | 122.0 | 14.2 | 9.8 | 18.2 |

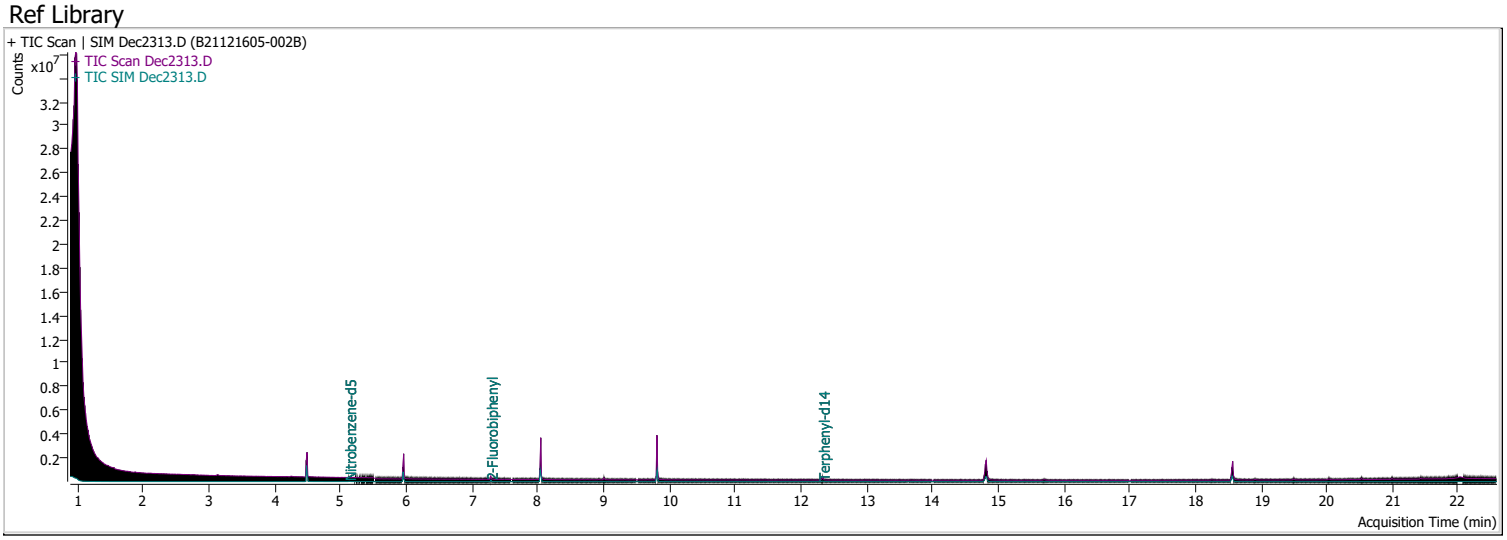


# Quantitation Results Report (QT Reviewed)

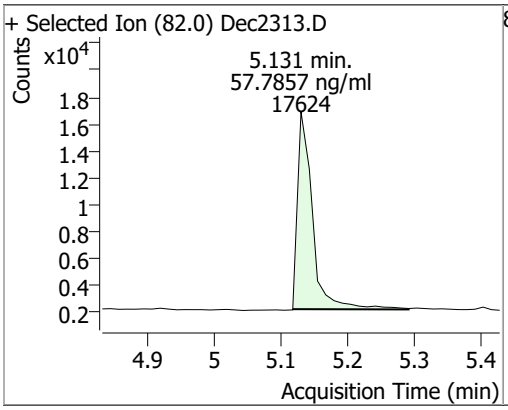
| | | | |
|---|---|---|---|
| Data File | Dec2313.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/23/2021 4:51:30 PM |
| Sample Name | B21121605-002B | Instrument | GCMS |
| Vial | 13 | Multiplier | 20.00 |
| DA Method File | 122021 bna SIM 1.batch.bin | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122321 bna SIM 1.batch.bin | Last Calib Update | 12/22/2021 12:25:13 PM |
| Ref Library | | | |

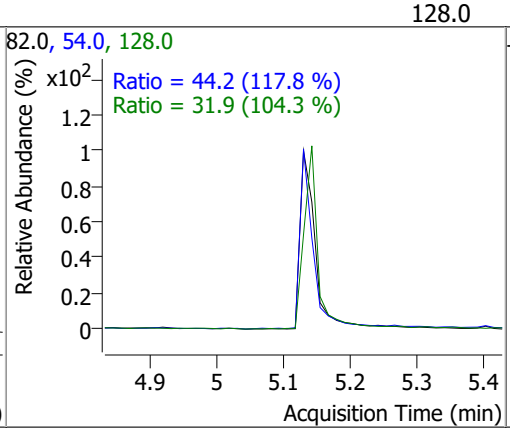


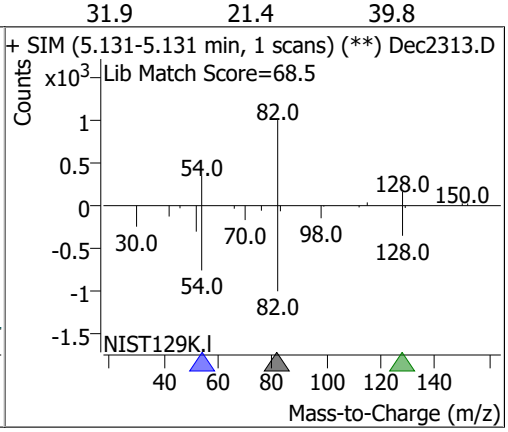

| Compound | RT | QIon | Resp. | Conc. | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| **System Monitoring Compounds** | | | | | | | |
| S Nitrobenzene-d5 | 5.131 | 82.0 | 17624 | 57.7857 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 1155.71% | | * | |
| S 2-Fluorobiphenyl | 7.289 | 172.0 | 80379 | 88.2174 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 1764.35% | | * | |
| S Terphenyl-d14 | 12.337 | 244.0 | 65994 | 99.9394 | ng/ml | | 0.012 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 1998.79% | | * | |
| **Target Compounds** | | | | | | | **QValue** |
| T Naphthalene | 0.000 | | 0 | N.D. | | | |
| T 2-Methylnaphthalene | 0.000 | | 0 | N.D. | | | |
| T 1-Methylnaphthalene | 0.000 | | 0 | N.D. | | | |

**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

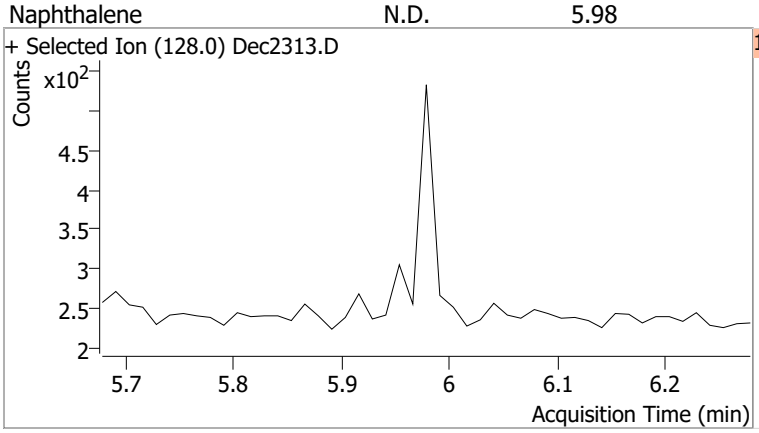
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 57.7857 | 5.13 | 0.00 | 17624 | 54.0 | 44.2 | 26.3 | 48.8 |
| | | | | | 128.0 | 31.9 | 21.4 | 39.8 |

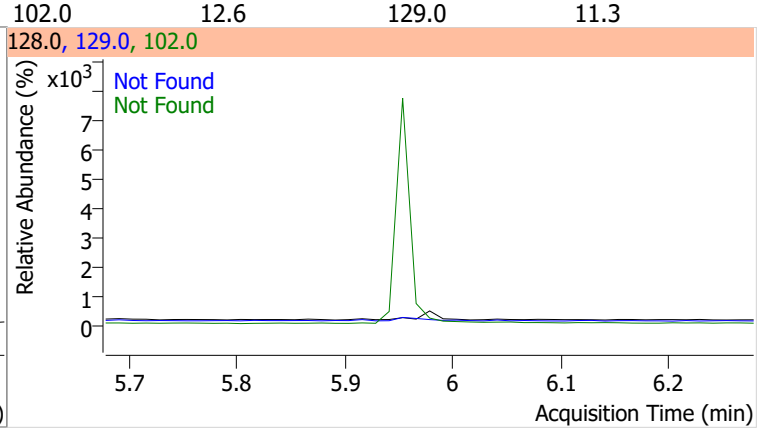


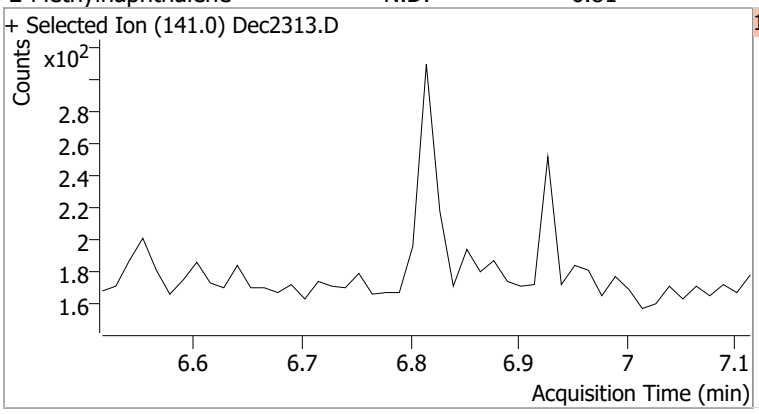



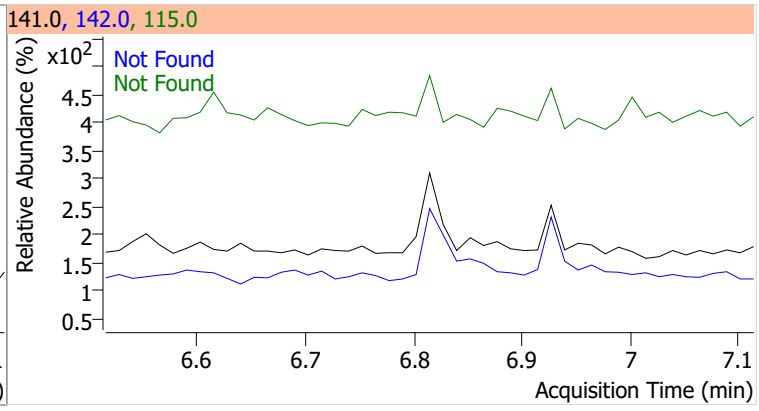

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| Naphthalene | N.D. | 5.98 | 102.0 | 12.6 | 129.0 | 11.3 |



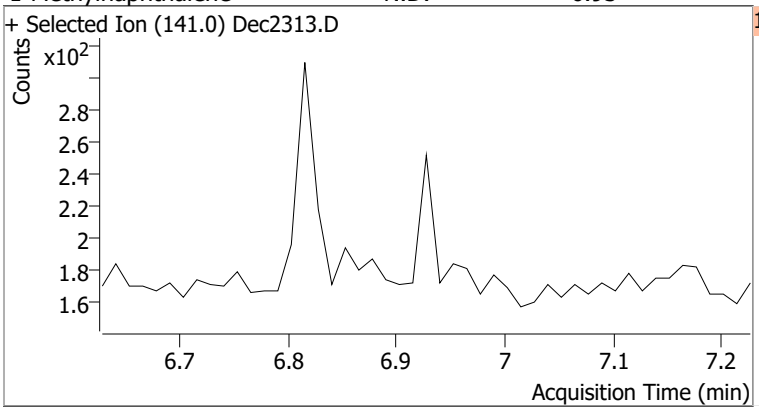



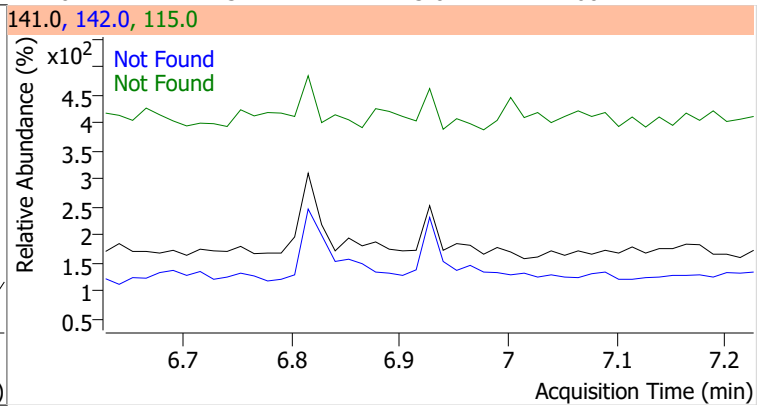

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | N.D. | 6.81 | 142.0 | 131.0 | 115.0 | 54.4 |



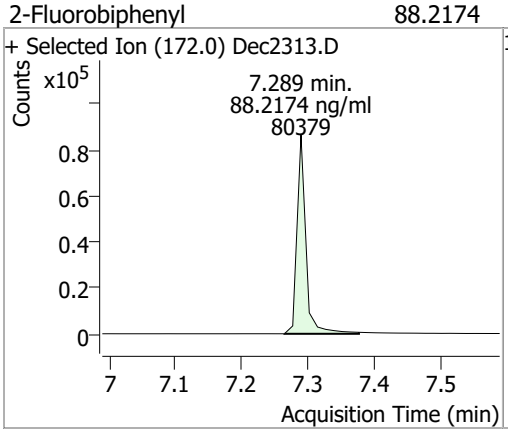



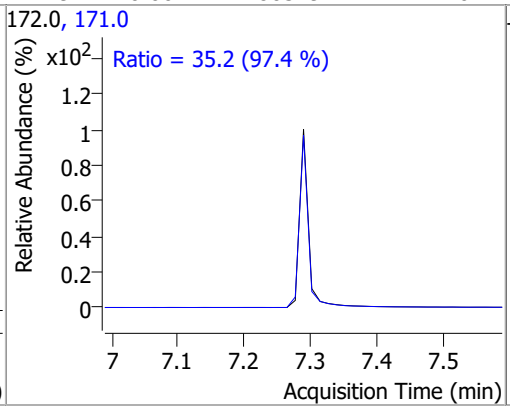

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | N.D. | 6.93 | 142.0 | 113.7 | 115.0 | 60.2 |

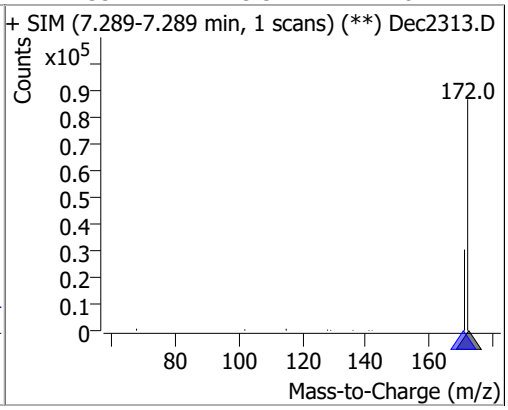


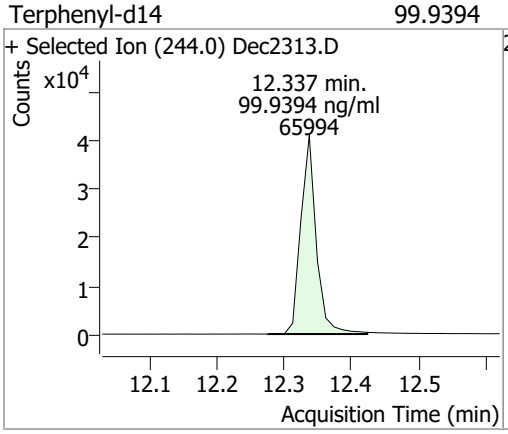
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 88.2174 | 7.29 | 0.00 | 80379 | 171.0 | 35.2 | 25.3 | 47.0 |

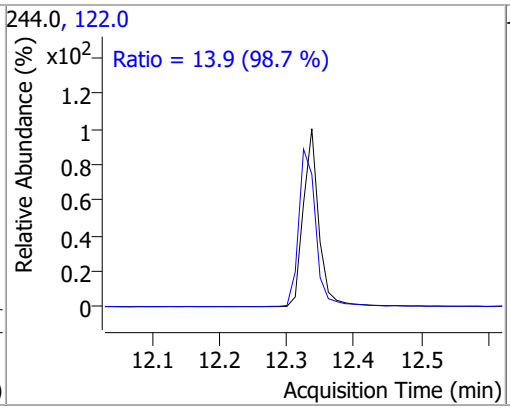


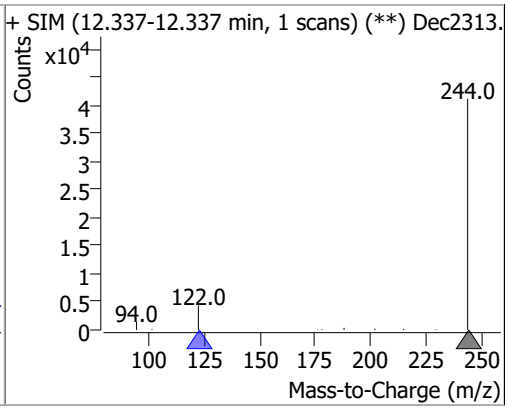




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 99.9394 | 12.34 | 0.01 | 65994 | 122.0 | 13.9 | 9.8 | 18.2 |

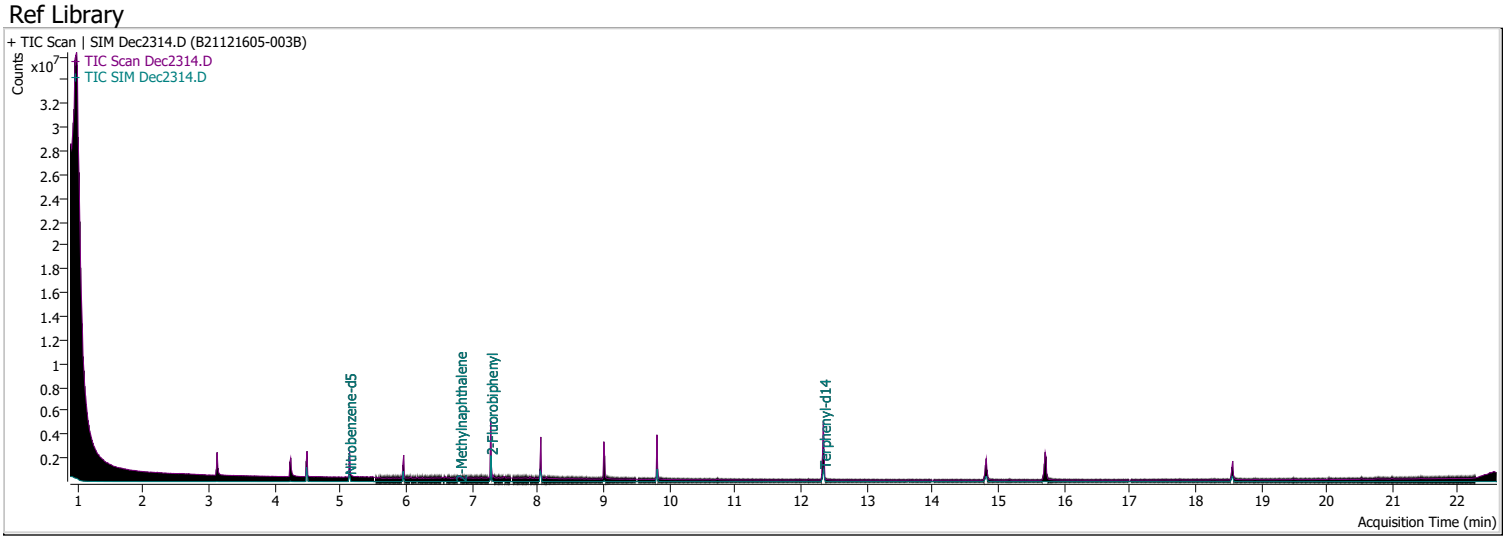


# Quantitation Results Report (QT Reviewed)

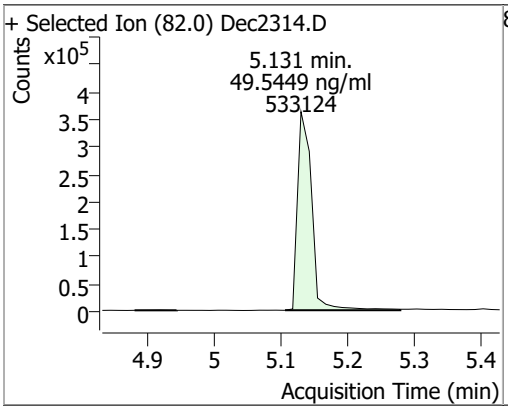
| | | | |
|---|---|---|---|
| Data File | Dec2314.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/23/2021 5:24:19 PM |
| Sample Name | B21121605-003B | Instrument | GCMS |
| Vial | 14 | Multiplier | 1.00 |
| DA Method File | 122021 bna SIM 1.batch.bin | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122321 bna SIM 1.batch.bin | Last Calib Update | 12/22/2021 12:25:13 PM |
| Ref Library | | | |

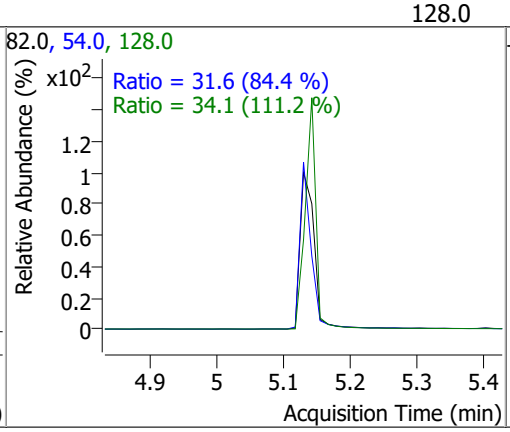


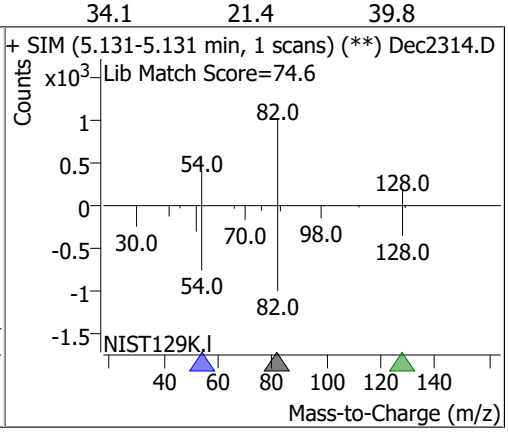

| Compound | RT | QIon | Resp. | Conc. | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| **System Monitoring Compounds** | | | | | | | |
| S Nitrobenzene-d5 | 5.131 | 82.0 | 533124 | 49.5449 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 990.90% | | * | |
| S 2-Fluorobiphenyl | 7.289 | 172.0 | 1326626 | 63.3157 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 1266.31% | | * | |
| S Terphenyl-d14 | 12.349 | 244.0 | 1379534 | 104.5066 | ng/ml | | 0.025 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 2090.13% | | * | |
| **Target Compounds** | | | | | | | **QValue** |
| T Naphthalene | 0.000 | | 0 | N.D. | | | |
| T 2-Methylnaphthalene | 6.815 | 141.0 | 1333 | 0.0535 | ng/ml | # | 72 |
| T 1-Methylnaphthalene | 6.927 | 141.0 | 0 | | ng/ml | md | 1 |

**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

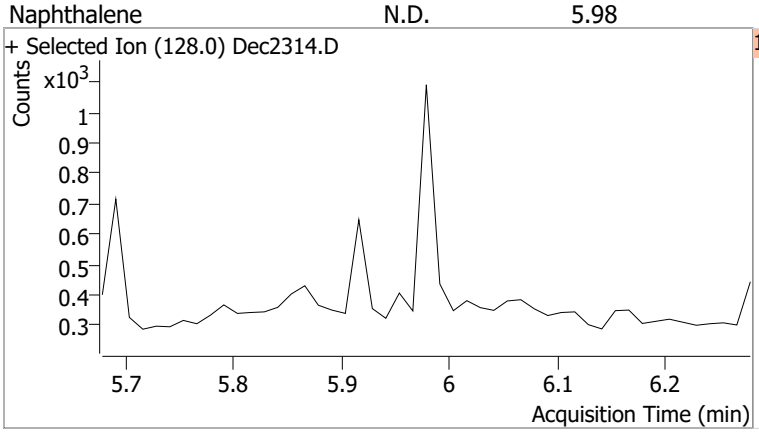
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 49.5449 | 5.13 | 0.00 | 533124 | 54.0 | 31.6 | 26.3 | 48.8 |
| | | | | | 128.0 | 34.1 | 21.4 | 39.8 |

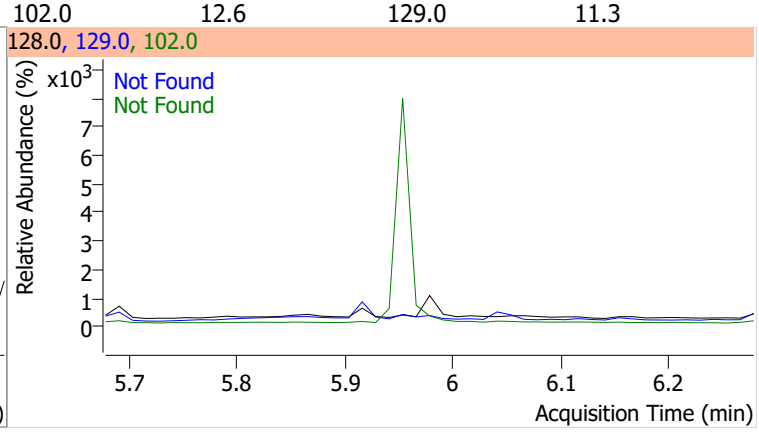


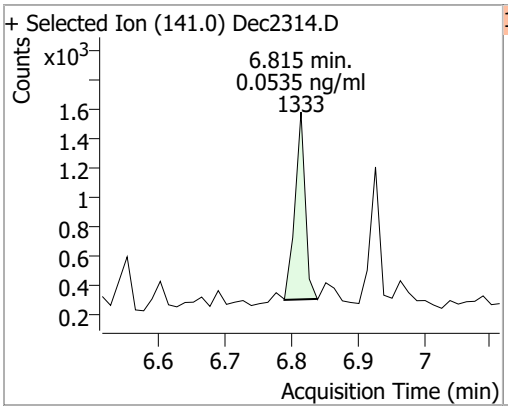



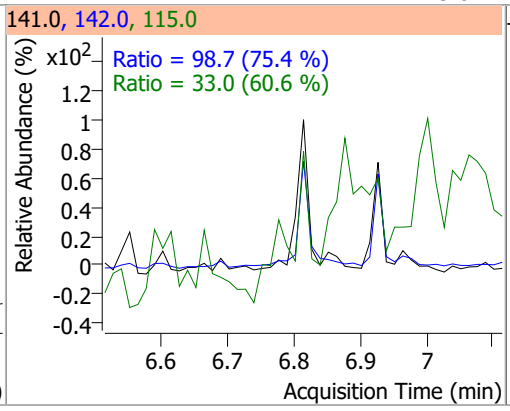

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| Naphthalene | N.D. | 5.98 | 102.0 | 12.6 | 129.0 | 11.3 |

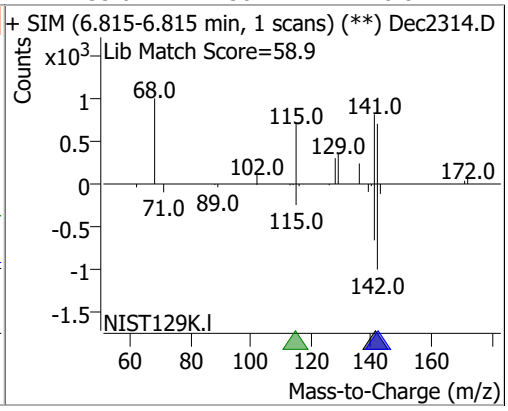


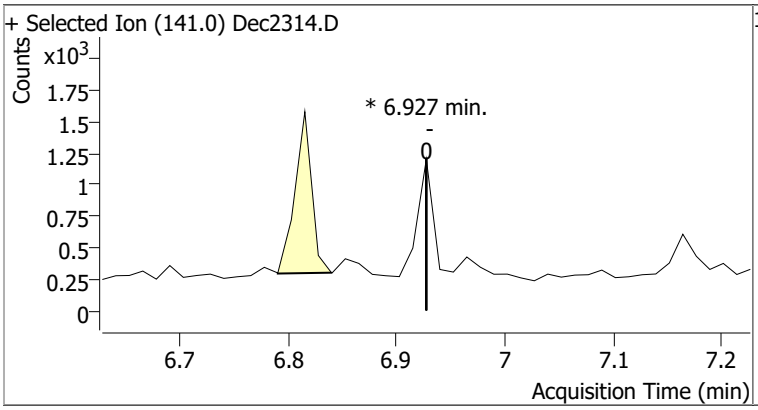

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 0.0535 | 6.81 | 0.00 | 1333 | 142.0 | 98.7 | 91.7 | 170.2 |
| | | | | | 115.0 | 33.0 | 38.1 | 70.8 |

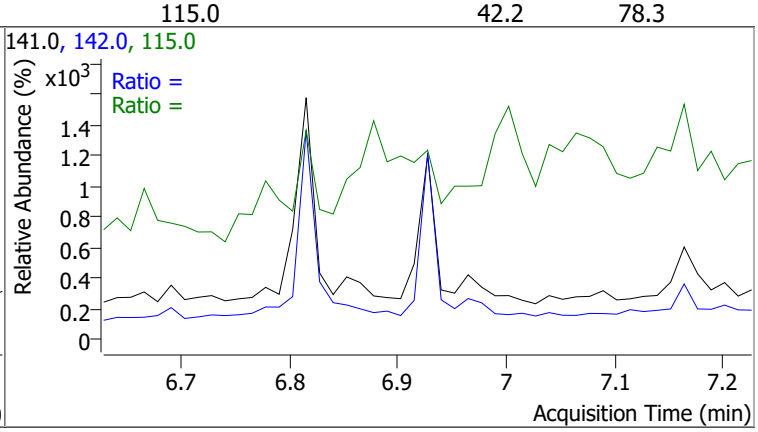


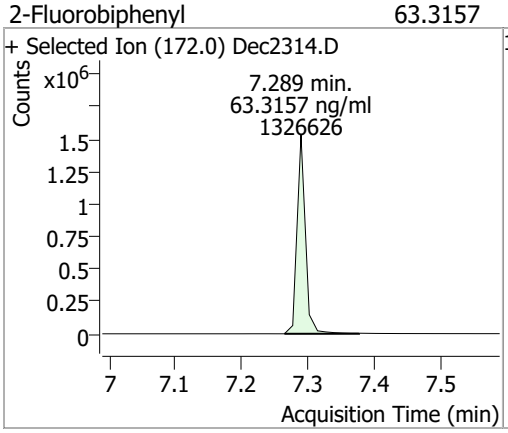



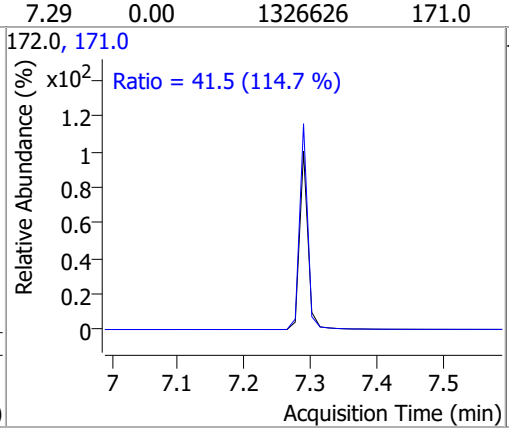
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | | 0 | | 0 | 142.0 | | 79.6 | 147.8 |
| | | | | | 115.0 | | 42.2 | 78.3 |

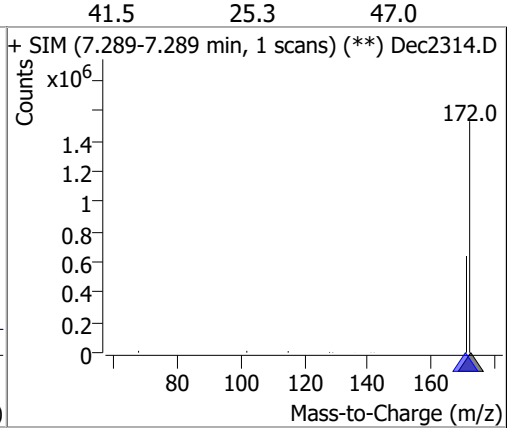


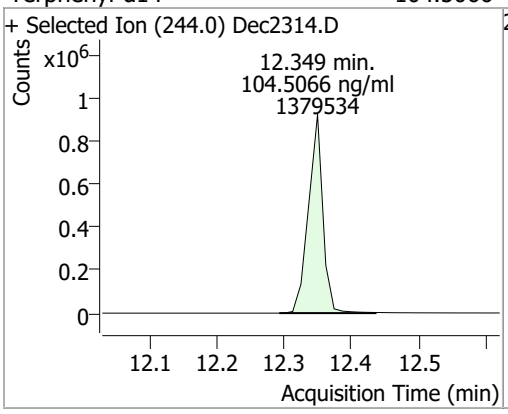

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 63.3157 | 7.29 | 0.00 | 1326626 | 171.0 | 41.5 | 25.3 | 47.0 |

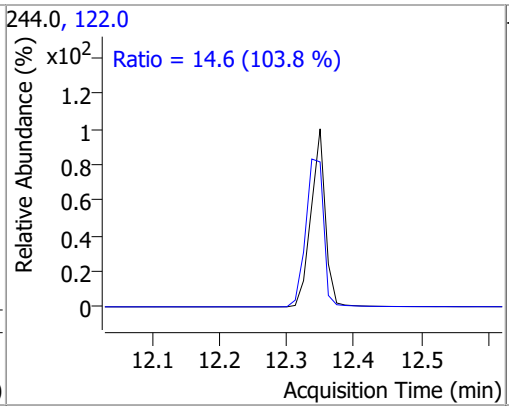


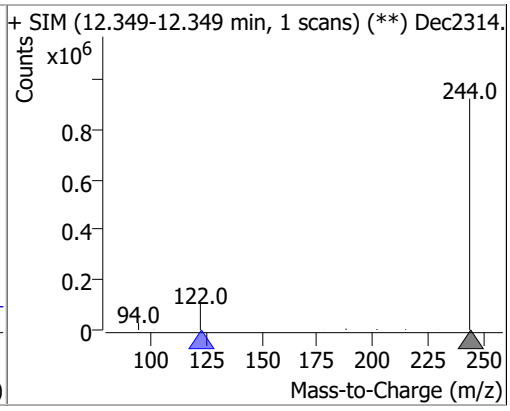




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 104.5066 | 12.35 | 0.02 | 1379534 | 122.0 | 14.6 | 9.8 | 18.2 |



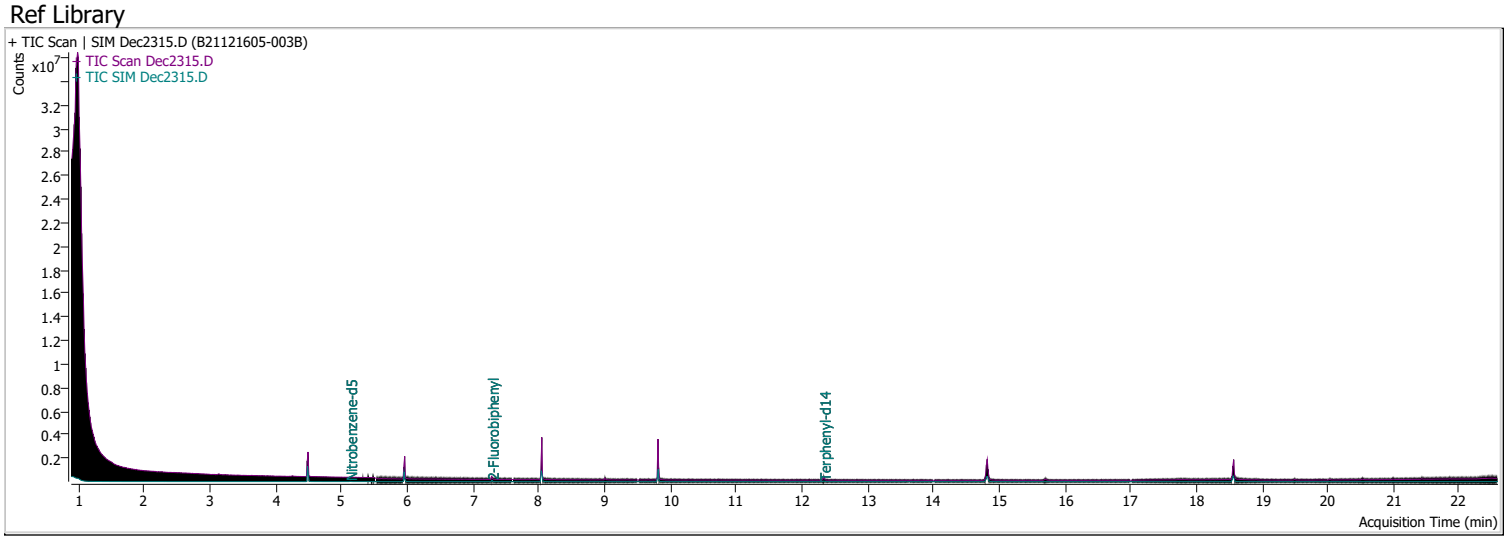



# Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

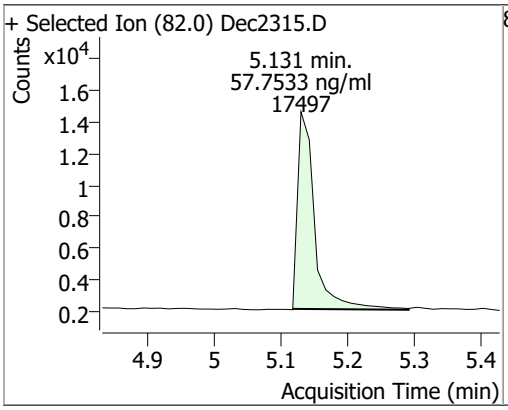
| | | | |
|---|---|---|---|
| Data File | Dec2315.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/23/2021 5:57:01 PM |
| Sample Name | B21121605-003B | Instrument | GCMS |
| Vial | 15 | Multiplier | 20.00 |
| DA Method File | 122021 bna SIM 1.batch.bin | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122321 bna SIM 1.batch.bin | Last Calib Update | 12/22/2021 12:25:13 PM |
| Ref Library | | | |

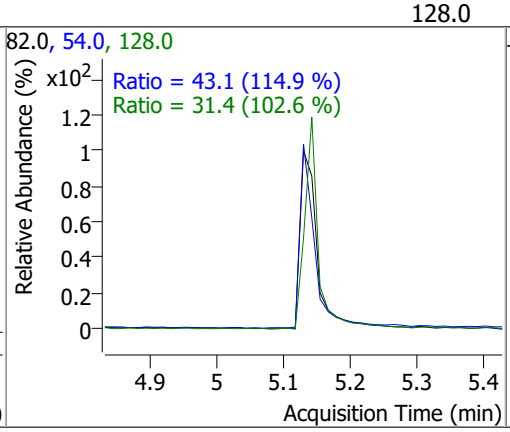


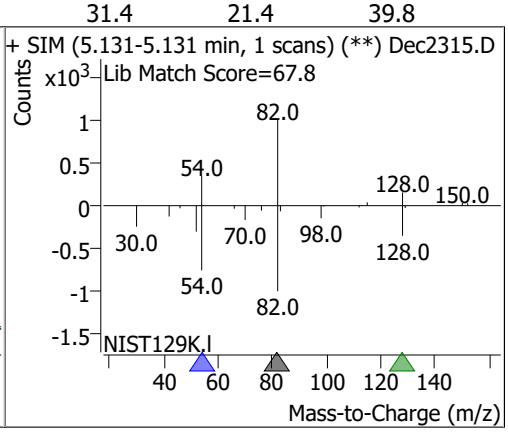

| Compound | RT | QIon | Resp. | Conc. | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| **System Monitoring Compounds** | | | | | | | |
| S Nitrobenzene-d5 | 5.131 | 82.0 | 17497 | 57.7533 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 1155.07% | | * | |
| S 2-Fluorobiphenyl | 7.289 | 172.0 | 79824 | 87.8427 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 1756.85% | | * | |
| S Terphenyl-d14 | 12.337 | 244.0 | 70539 | 105.2973 | ng/ml | | 0.012 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 2105.95% | | * | |
| **Target Compounds** | | | | | | | **QValue** |
| T Naphthalene | 0.000 | | 0 | N.D. | | | |
| T 2-Methylnaphthalene | 0.000 | | 0 | N.D. | | | |
| T 1-Methylnaphthalene | 0.000 | | 0 | N.D. | | | |

**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

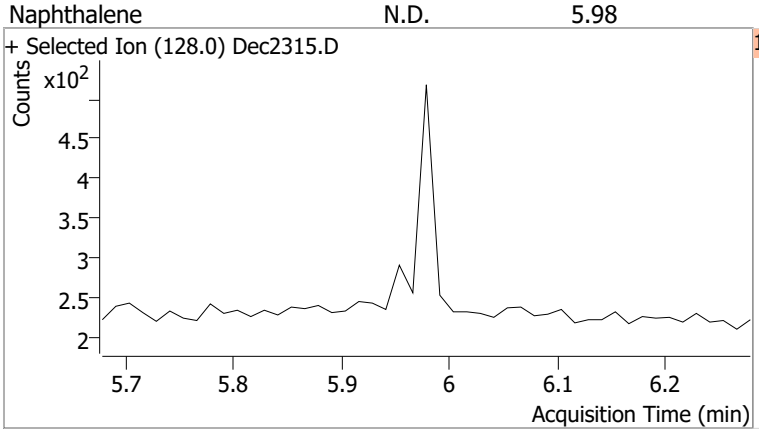
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 57.7533 | 5.13 | 0.00 | 17497 | 54.0 | 43.1 | 26.3 | 48.8 |
| | | | | | 128.0 | 31.4 | 21.4 | 39.8 |

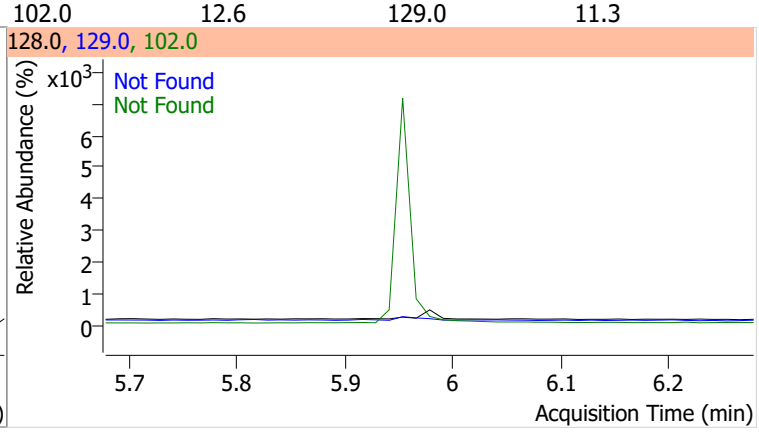


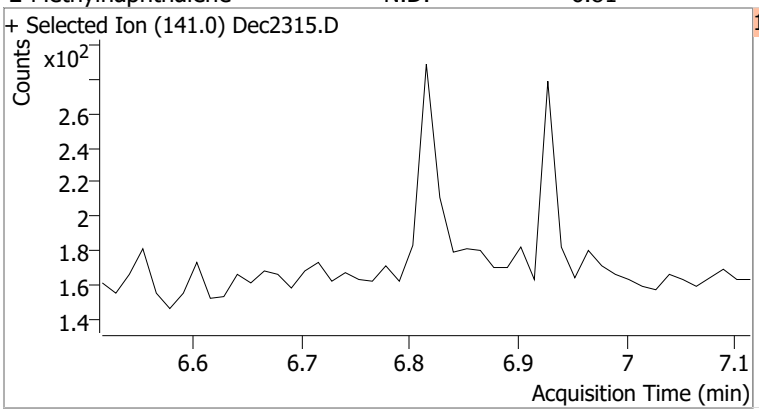



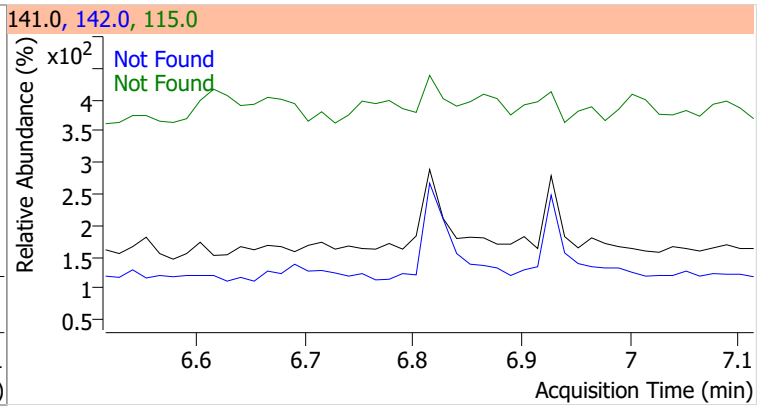

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| Naphthalene | N.D. | 5.98 | 102.0 | 12.6 | 129.0 | 11.3 |



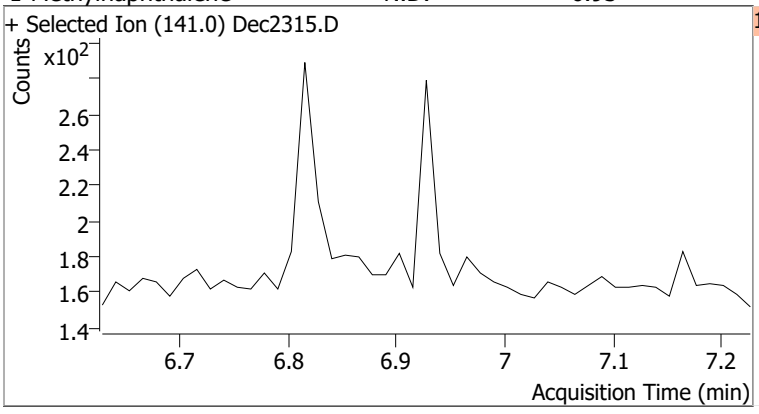



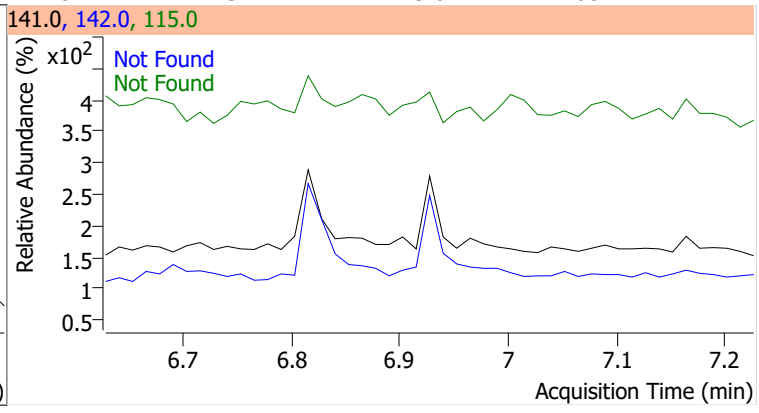

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | N.D. | 6.81 | 142.0 | 131.0 | 115.0 | 54.4 |



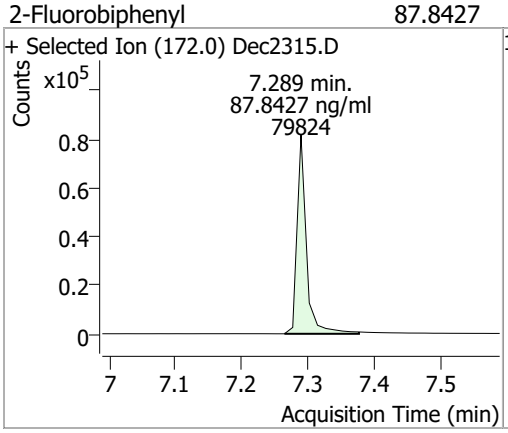



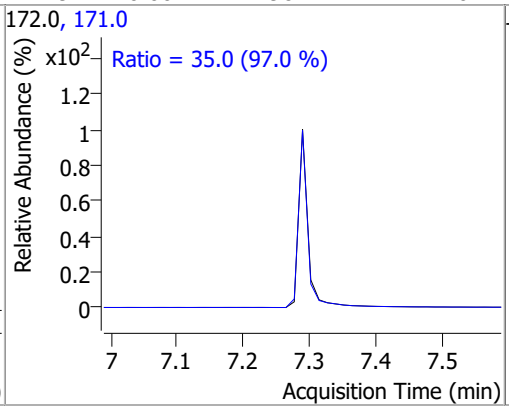

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | N.D. | 6.93 | 142.0 | 113.7 | 115.0 | 60.2 |

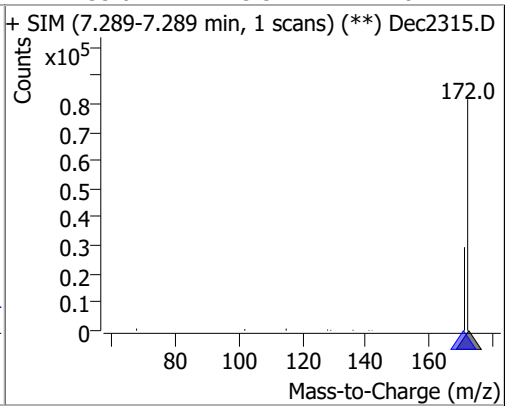


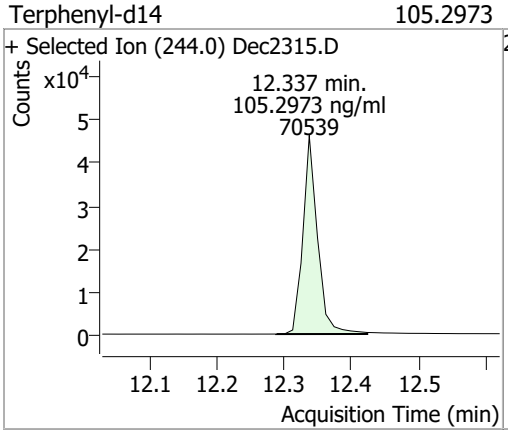
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 87.8427 | 7.29 | 0.00 | 79824 | 171.0 | 35.0 | 25.3 | 47.0 |

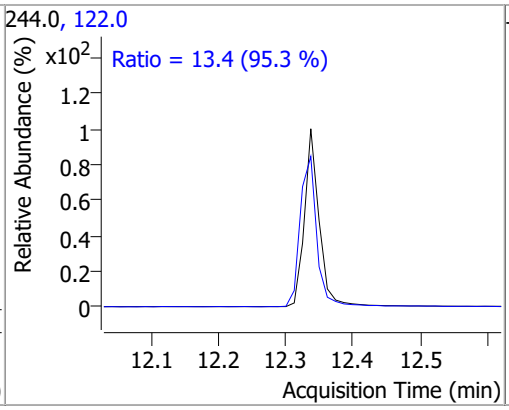


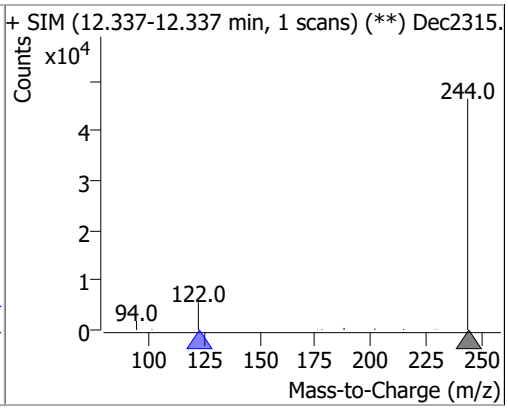




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 105.2973 | 12.34 | 0.01 | 70539 | 122.0 | 13.4 | 9.8 | 18.2 |

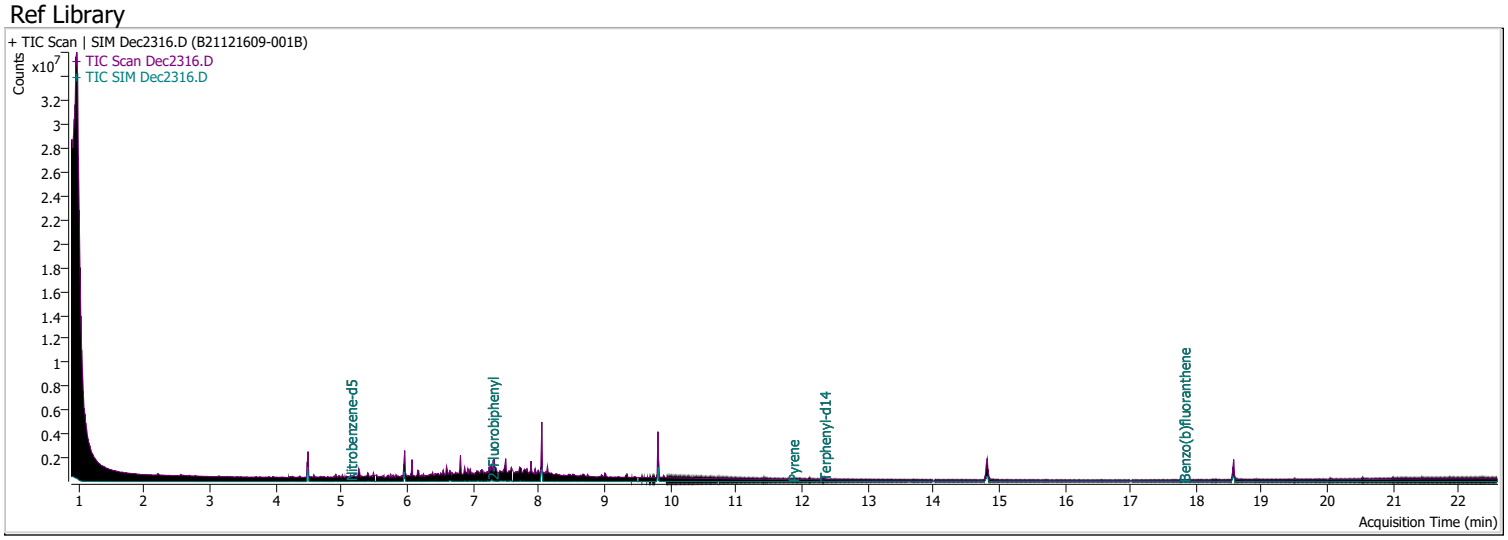


# Quantitation Results Report (QT Reviewed)

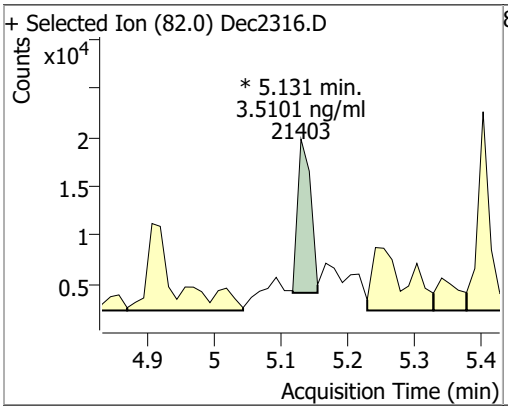
| | | | |
|---|---|---|---|
| Data File | Dec2316.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/23/2021 6:29:52 PM |
| Sample Name | B21121609-001B | Instrument | GCMS |
| Vial | 16 | Multiplier | 1.00 |
| DA Method File | 122021 bna SIM 1.batch.bin | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122321 bna SIM 1.batch.bin | Last Calib Update | 12/22/2021 12:25:13 PM |
| Ref Library | | | |

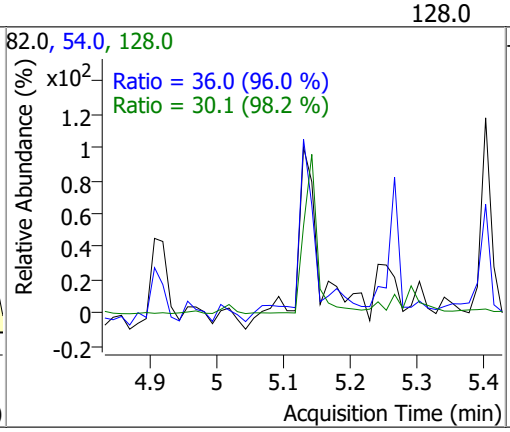


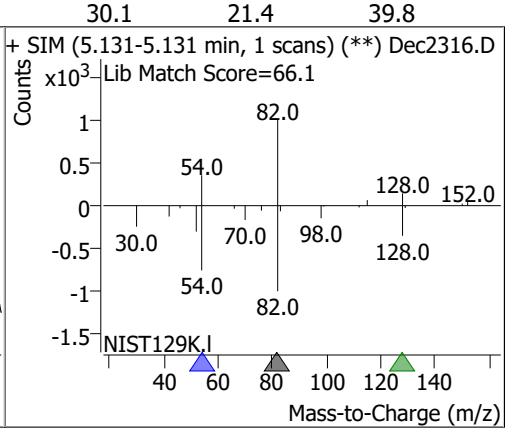

| Compound | RT | QIon | Resp. | Conc. | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| **System Monitoring Compounds** | | | | | | | |
| S Nitrobenzene-d5 | 5.131 | 82.0 | 21403 | 3.5101 | ng/ml | m | 0.000 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 70.20% | | | |
| S 2-Fluorobiphenyl | 7.290 | 172.0 | 81436 | 3.9429 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 78.86% | | | |
| S Terphenyl-d14 | 12.337 | 244.0 | 72377 | 5.1068 | ng/ml | | 0.012 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 102.14% | | | |
| **Target Compounds** | | | | | | | QValue |
| T Naphthalene | 5.978 | 128.0 | 0 | | ng/ml | md | 1 |
| T 2-Methylnaphthalene | 6.815 | 141.0 | 0 | | ng/ml | md | 1 |
| T 1-Methylnaphthalene | 6.927 | 141.0 | 0 | | ng/ml | md | 1 |

**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

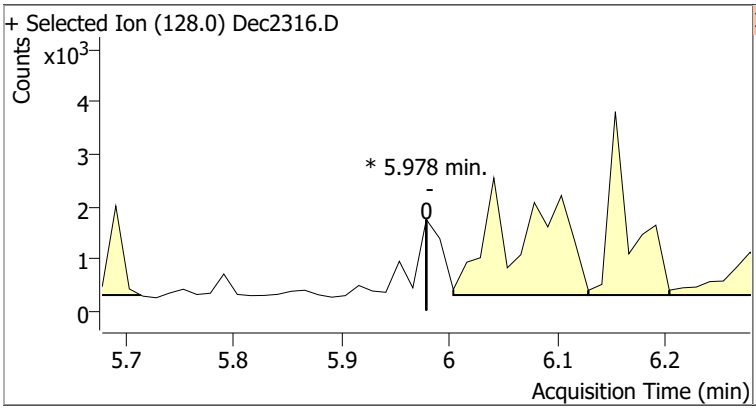
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 3.5101 | 5.13 | 0.00 | 21403 (m) | 54.0 | 36.0 | 26.3 | 48.8 |
| | | | | | 128.0 | 30.1 | 21.4 | 39.8 |

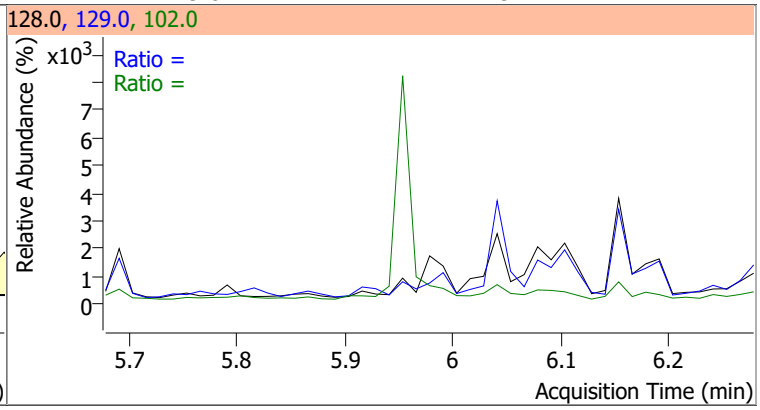


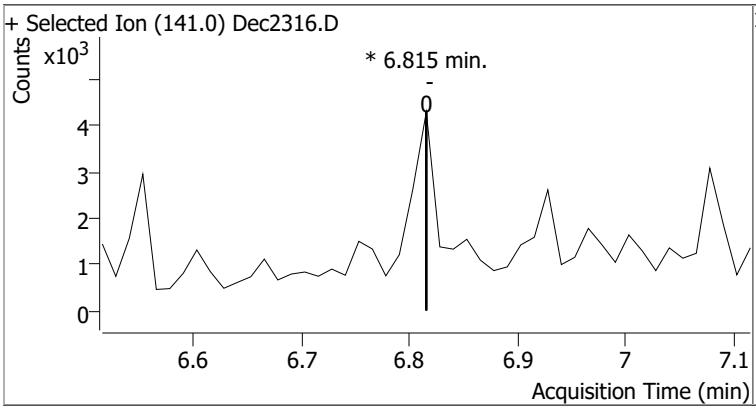



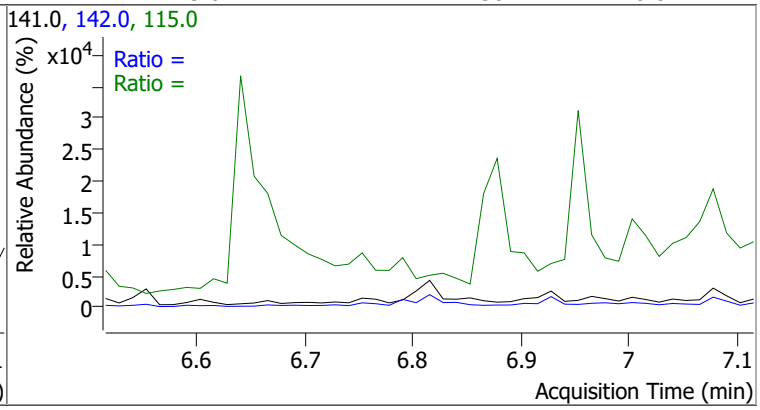

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Naphthalene | | 0 | | 0 | 102.0 | | 0.0 | 37.7 |
| | | | | | 129.0 | | 7.9 | 14.7 |



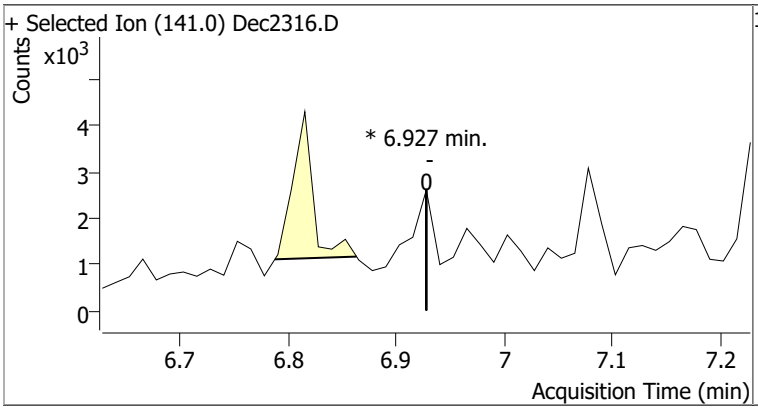



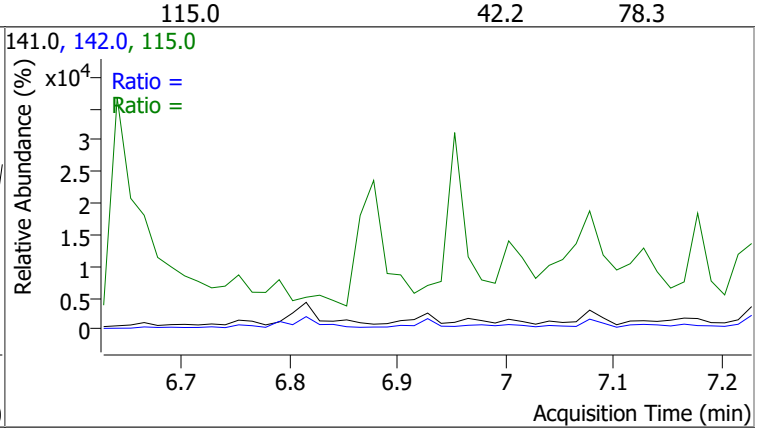

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | | 0 | | 0 | 142.0 | | 91.7 | 170.2 |
| | | | | | 115.0 | | 38.1 | 70.8 |



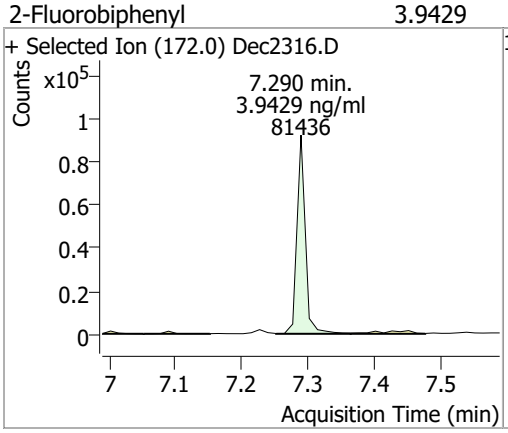



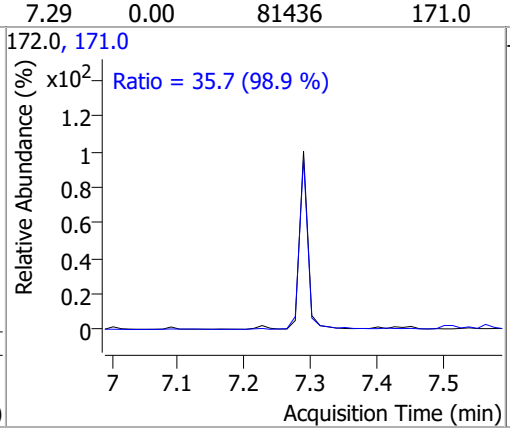
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | | 0 | | 0 | 142.0 | | 79.6 | 147.8 |
| | | | | | 115.0 | | 42.2 | 78.3 |

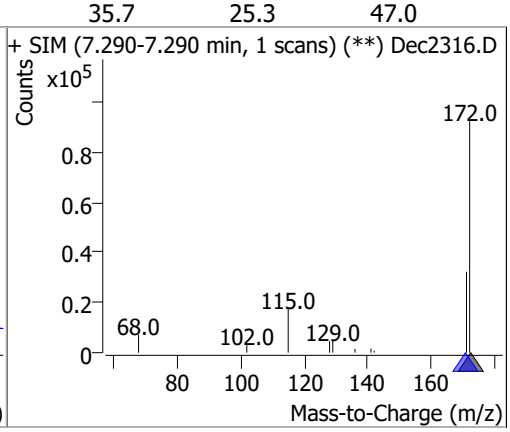


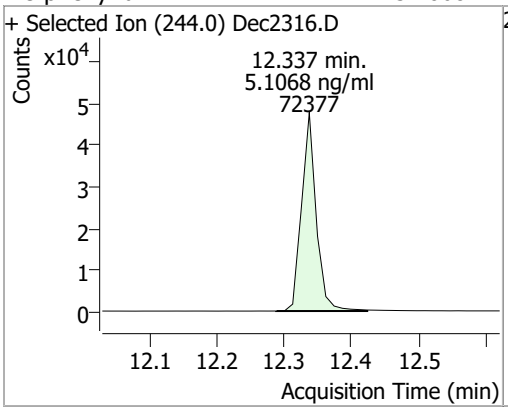

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 3.9429 | 7.29 | 0.00 | 81436 | 171.0 | 35.7 | 25.3 | 47.0 |

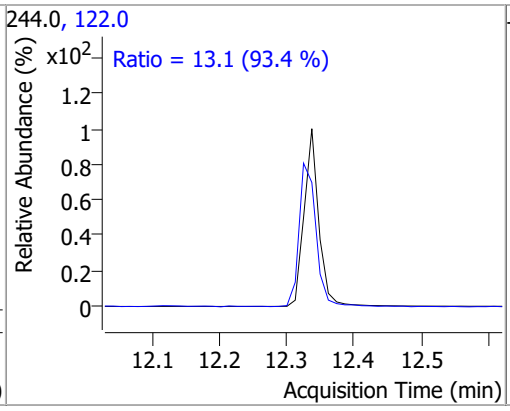


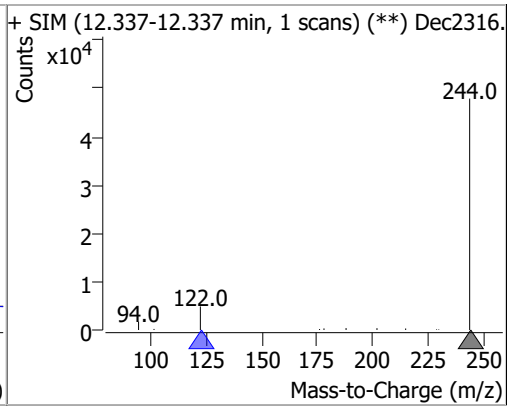




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 5.1068 | 12.34 | 0.01 | 72377 | 122.0 | 13.1 | 9.8 | 18.2 |

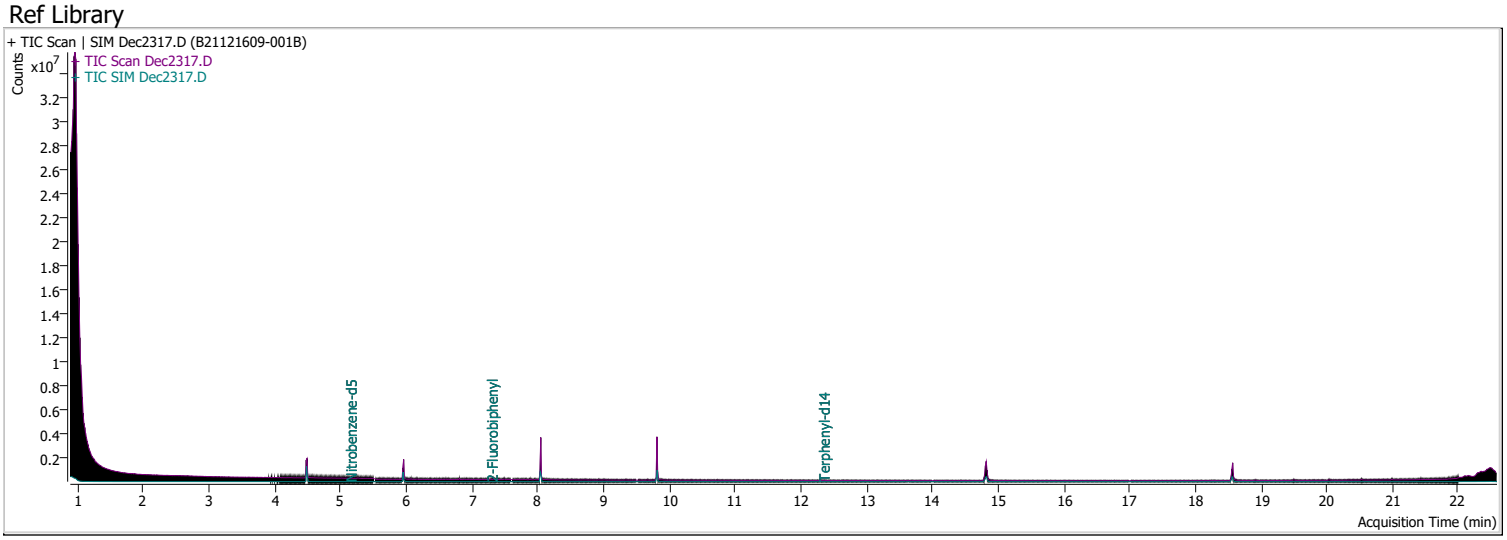


# Quantitation Results Report (QT Reviewed)

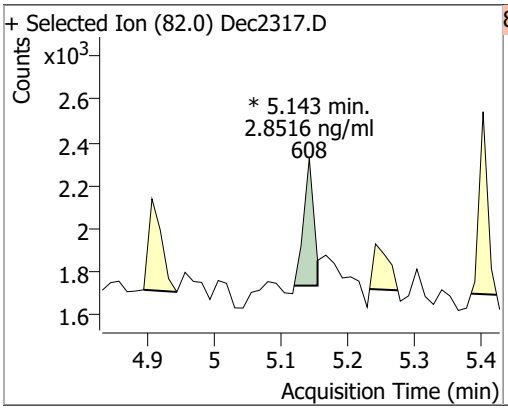
| | | | |
|---|---|---|---|
| Data File | Dec2317.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/23/2021 7:02:37 PM |
| Sample Name | B21121609-001B | Instrument | GCMS |
| Vial | 17 | Multiplier | 20.00 |
| DA Method File | 122021 bna SIM 1.batch.bin | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122321 bna SIM 1.batch.bin | Last Calib Update | 12/22/2021 12:25:13 PM |
| Ref Library | | | |

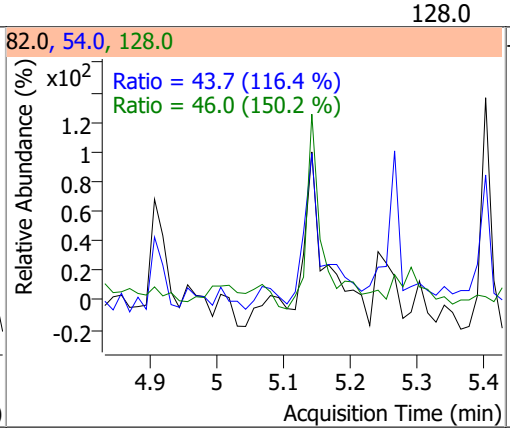


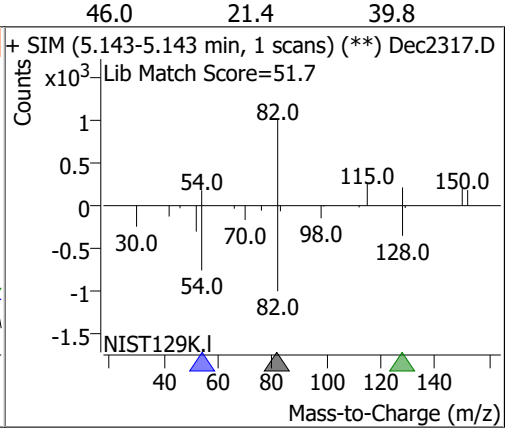

| Compound | RT | QIon | Resp. | Conc. | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| **System Monitoring Compounds** | | | | | | | |
| S Nitrobenzene-d5 | 5.143 | 82.0 | 608 | 2.8516 | ng/ml | #m | 0.012 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 57.03% | | | |
| S 2-Fluorobiphenyl | 7.289 | 172.0 | 4252 | 4.3132 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 86.26% | | | |
| S Terphenyl-d14 | 12.337 | 244.0 | 3622 | 5.8073 | ng/ml | | 0.012 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 116.15% | | * | |
| **Target Compounds** | | | | | | | **QValue** |
| T Naphthalene | 0.000 | | 0 | N.D. | | | |
| T 2-Methylnaphthalene | 0.000 | | 0 | N.D. | | | |
| T 1-Methylnaphthalene | 0.000 | | 0 | N.D. | | | |

**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

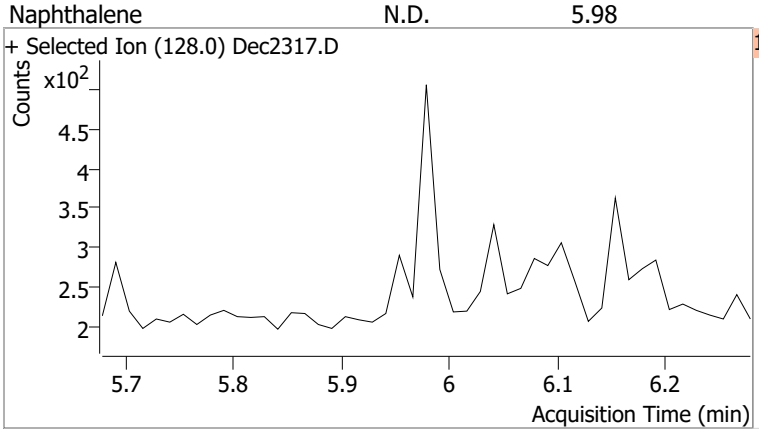
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 2.8516 | 5.14 | 0.01 | 608 (m) | 54.0 | 43.7 | 26.3 | 48.8 |
| | | | | | 128.0 | 46.0 | 21.4 | 39.8 |

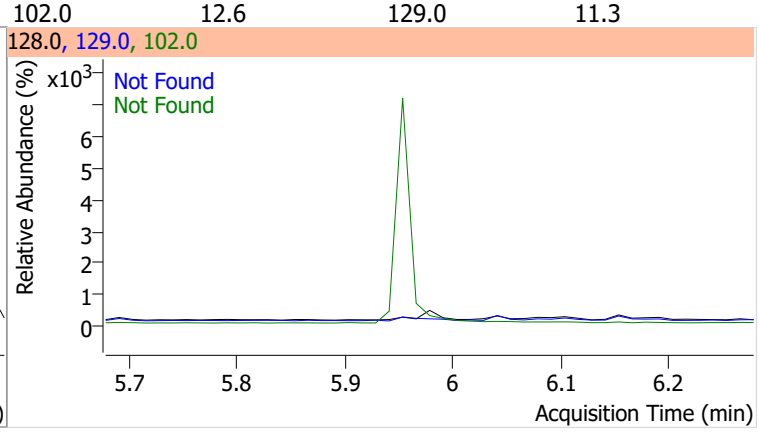


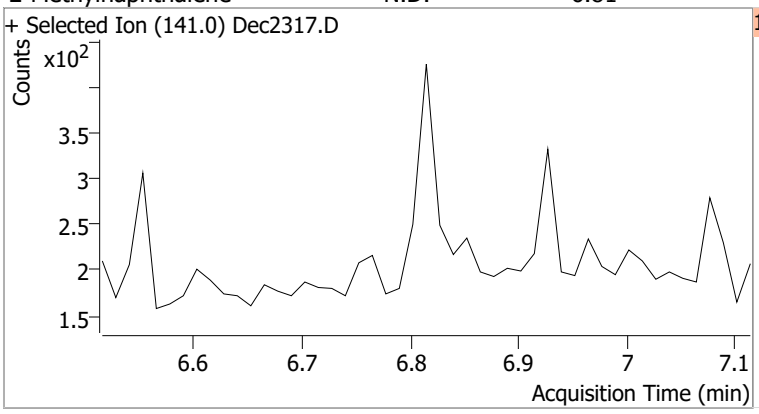



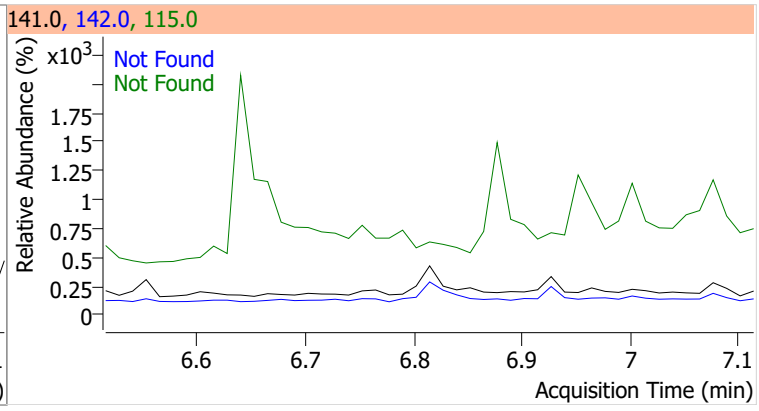

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| Naphthalene | N.D. | 5.98 | 102.0 | 12.6 | 129.0 | 11.3 |



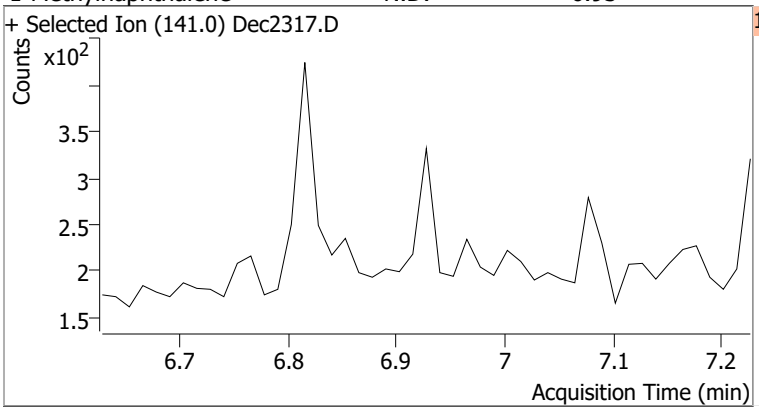



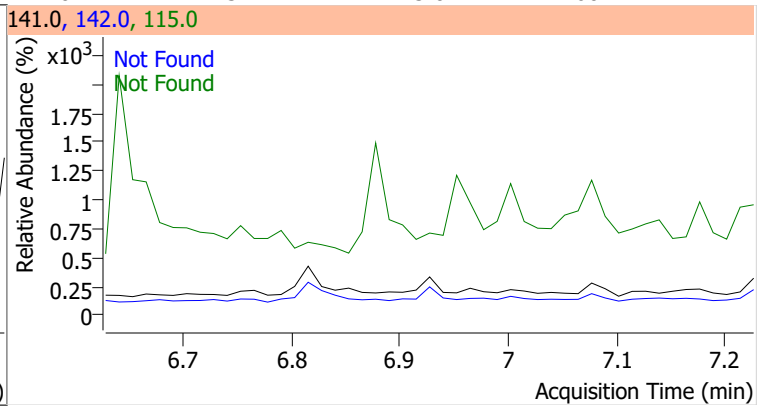

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | N.D. | 6.81 | 142.0 | 131.0 | 115.0 | 54.4 |



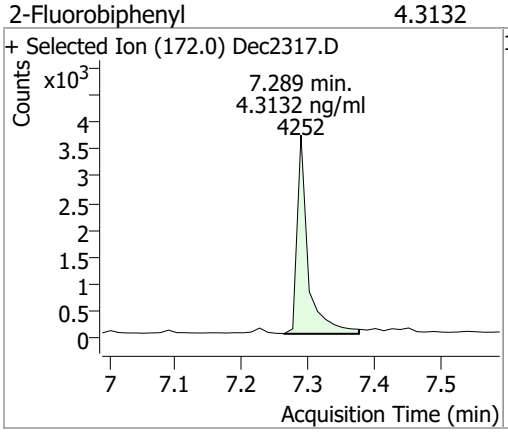



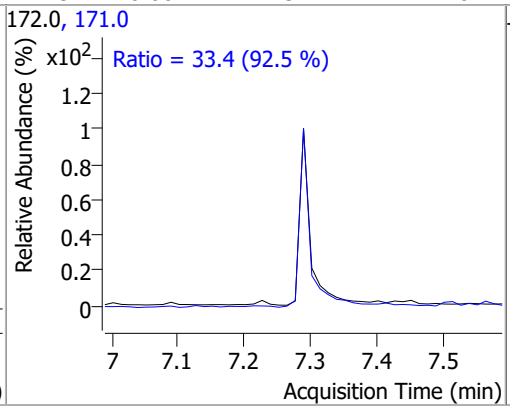

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | N.D. | 6.93 | 142.0 | 113.7 | 115.0 | 60.2 |

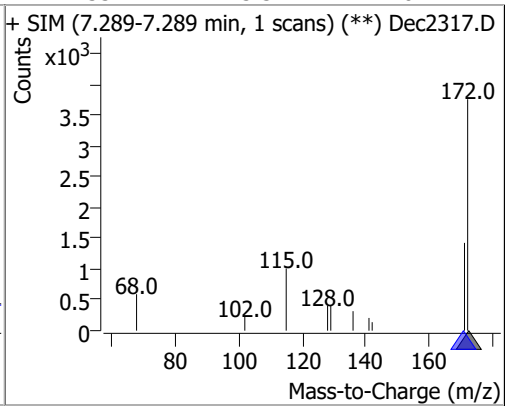


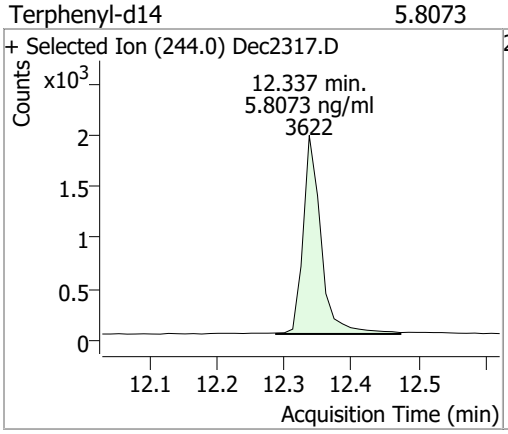
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 4.3132 | 7.29 | 0.00 | 4252 | 171.0 | 33.4 | 25.3 | 47.0 |

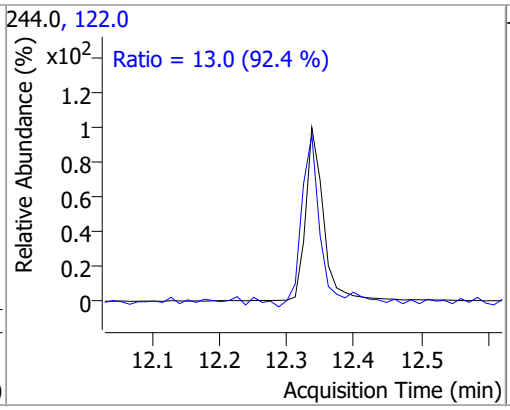


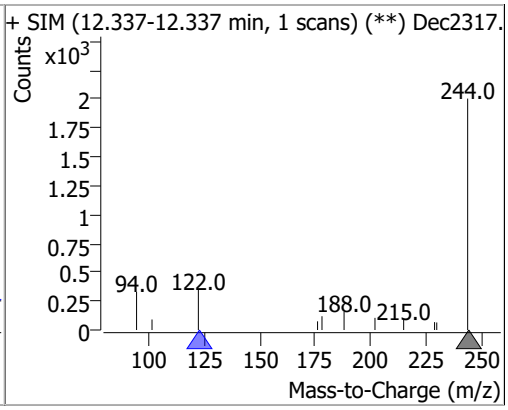




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 5.8073 | 12.34 | 0.01 | 3622 | 122.0 | 13.0 | 9.8 | 18.2 |

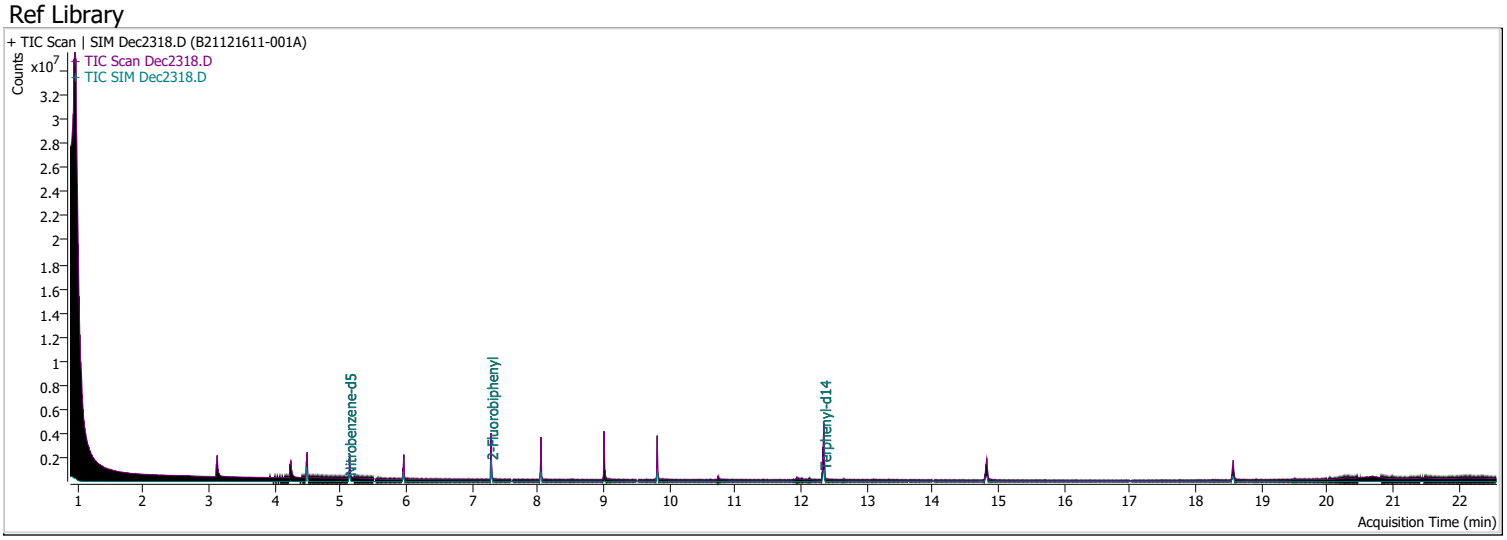


# Quantitation Results Report (QT Reviewed)

| | | | |
|---|---|---|---|
| Data File | Dec2318.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/23/2021 7:35:23 PM |
| Sample Name | B21121611-001A | Instrument | GCMS |
| Vial | 18 | Multiplier | 1.00 |
| DA Method File | 122021 bna SIM 1.batch.bin | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122321 bna SIM 1.batch.bin | Last Calib Update | 12/22/2021 12:25:13 PM |
| Ref Library | | | |

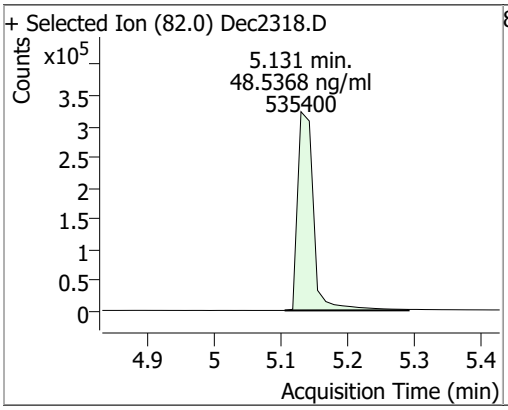


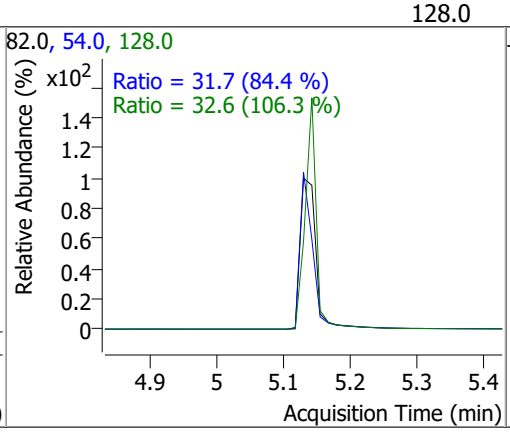

| Compound | RT | QIon | Resp. | Conc. | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| **System Monitoring Compounds** | | | | | | | |
| S Nitrobenzene-d5 | 5.131 | 82.0 | 535400 | 48.5368 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 970.74% | | * | |
| S 2-Fluorobiphenyl | 7.289 | 172.0 | 1158533 | 59.1400 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 1182.80% | | * | |
| S Terphenyl-d14 | 12.349 | 244.0 | 1313858 | 101.0545 | ng/ml | | 0.025 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 2021.09% | | * | |
| **Target Compounds** | | | | | | | **QValue** |
| T Naphthalene | 0.000 | | 0 | N.D. | | | |
| T 2-Methylnaphthalene | 0.000 | | 0 | N.D. | | | |
| T 1-Methylnaphthalene | 0.000 | | 0 | N.D. | | | |

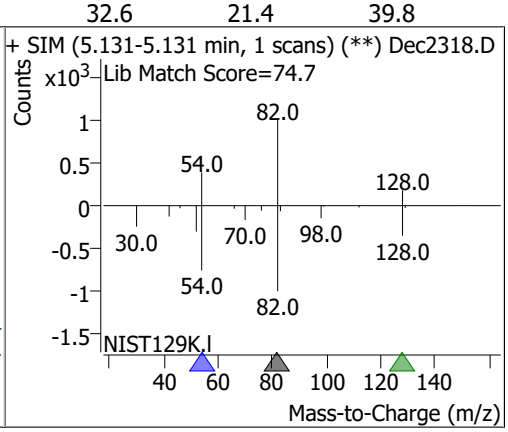
**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

# Quantitation Results Report (QT Reviewed)

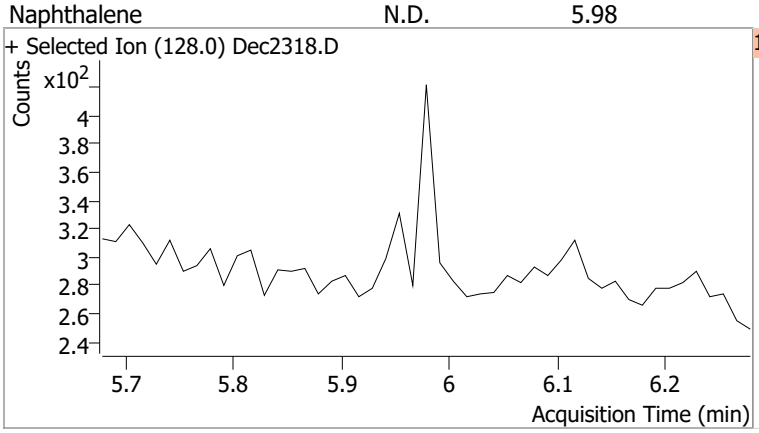
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 48.5368 | 5.13 | 0.00 | 535400 | 54.0 | 31.7 | 26.3 | 48.8 |
| | | | | | 128.0 | 32.6 | 21.4 | 39.8 |

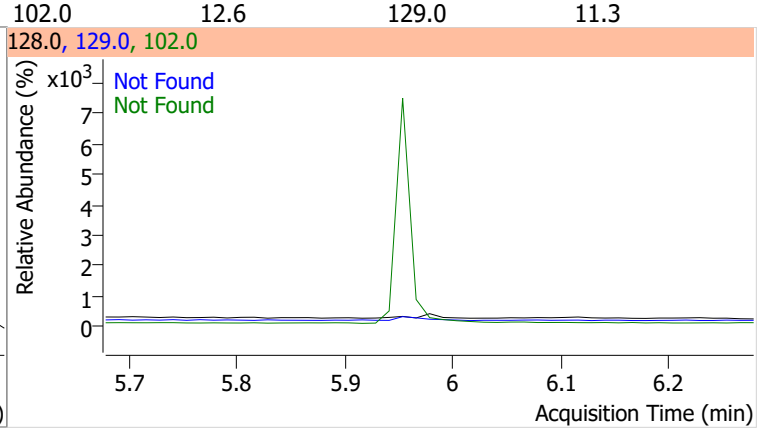


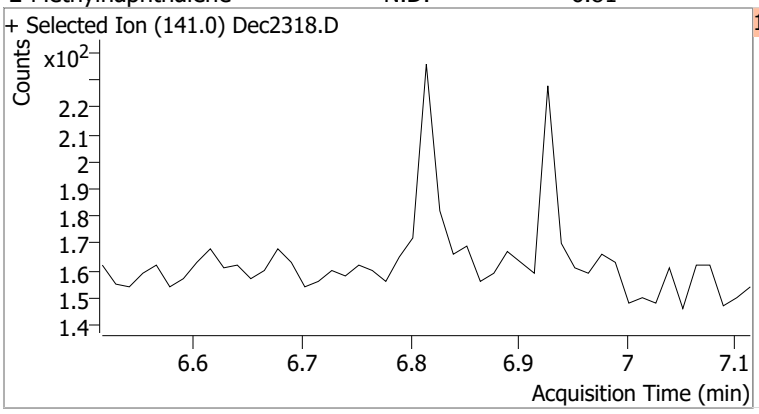



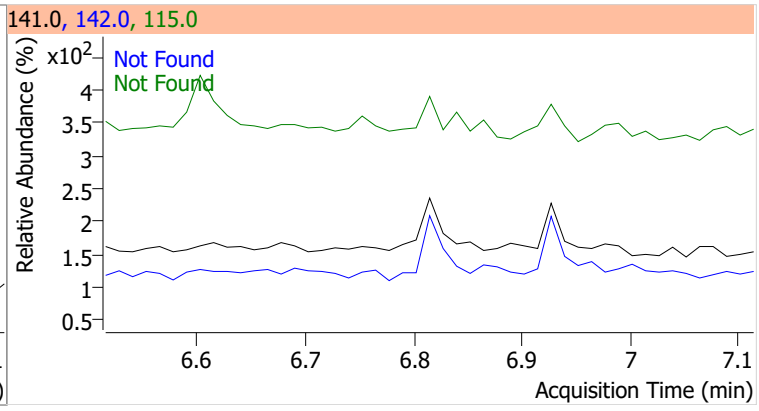

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| Naphthalene | N.D. | 5.98 | 102.0 | 12.6 | 129.0 | 11.3 |



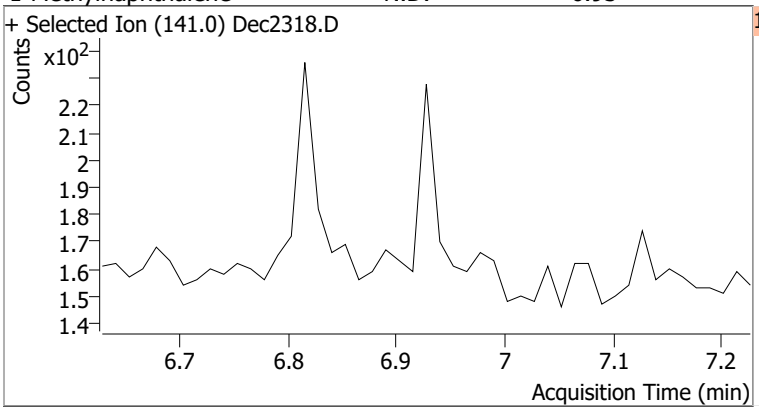



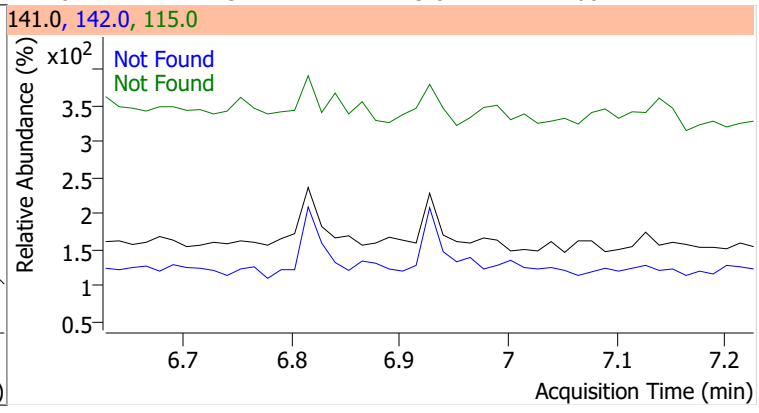

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | N.D. | 6.81 | 142.0 | 131.0 | 115.0 | 54.4 |



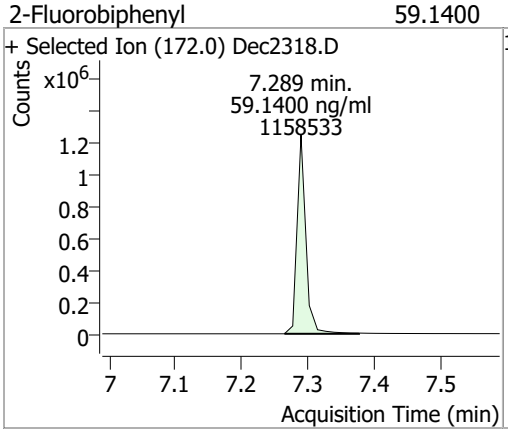



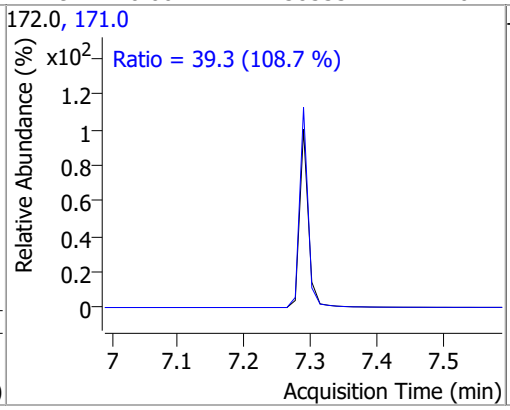

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | N.D. | 6.93 | 142.0 | 113.7 | 115.0 | 60.2 |

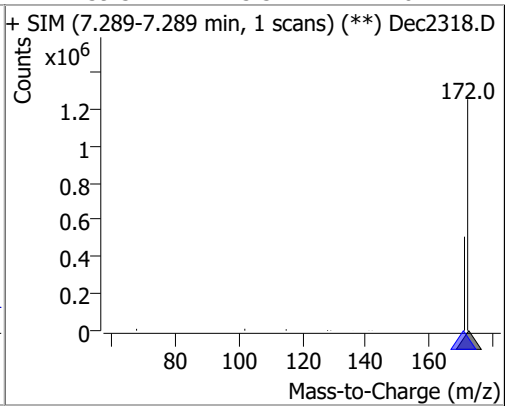


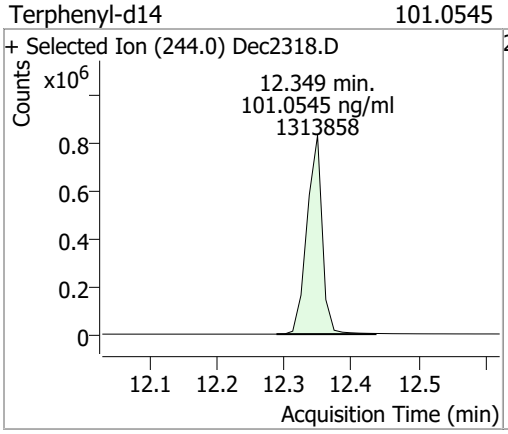
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 59.1400 | 7.29 | 0.00 | 1158533 | 171.0 | 39.3 | 25.3 | 47.0 |

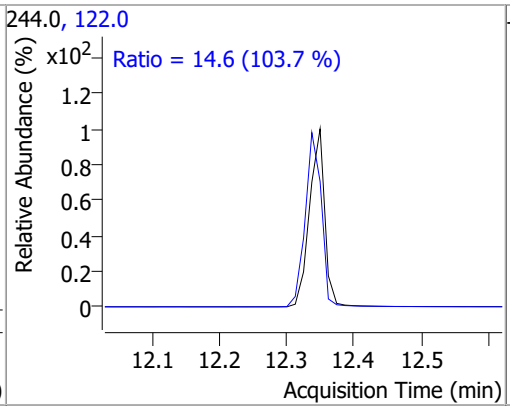


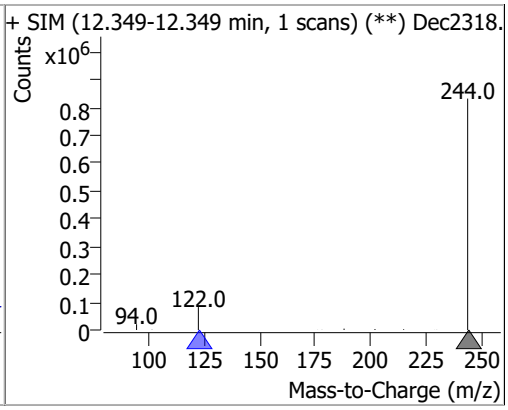




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 101.0545 | 12.35 | 0.02 | 1313858 | 122.0 | 14.6 | 9.8 | 18.2 |

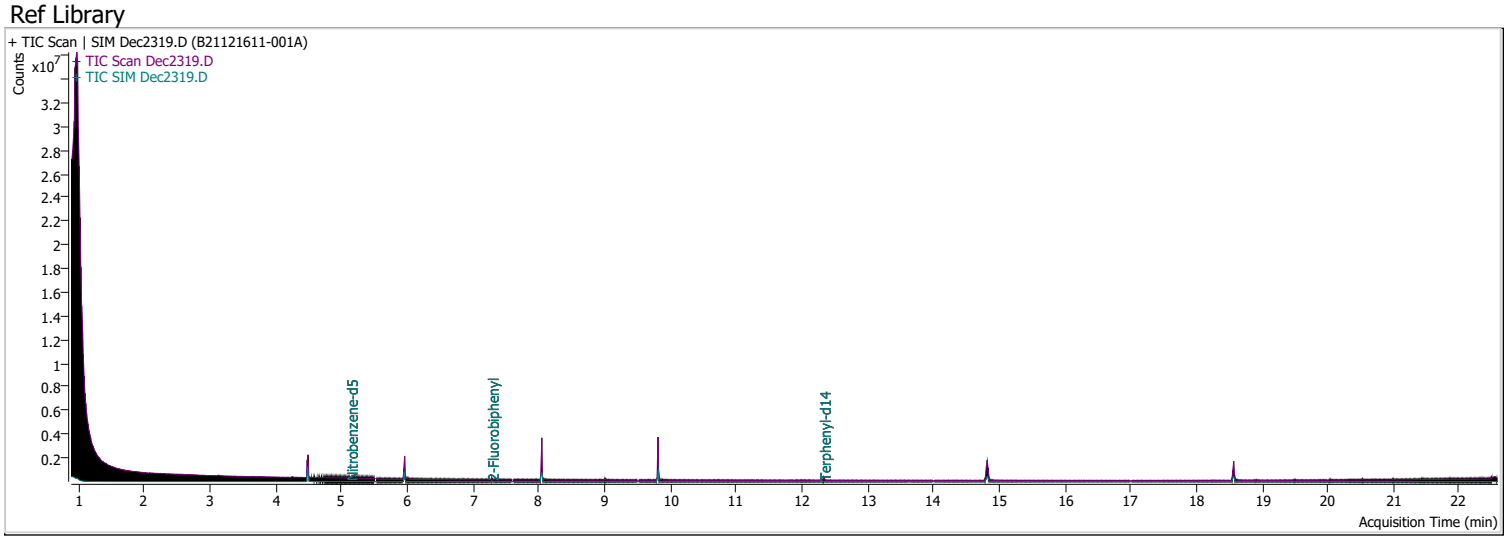


# Quantitation Results Report (QT Reviewed)

| | | | |
|---|---|---|---|
| Data File | Dec2319.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/23/2021 8:08:02 PM |
| Sample Name | B21121611-001A | Instrument | GCMS |
| Vial | 19 | Multiplier | 20.00 |
| DA Method File | 122021 bna SIM 1.batch.bin | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122321 bna SIM 1.batch.bin | Last Calib Update | 12/22/2021 12:25:13 PM |
| Ref Library | | | |

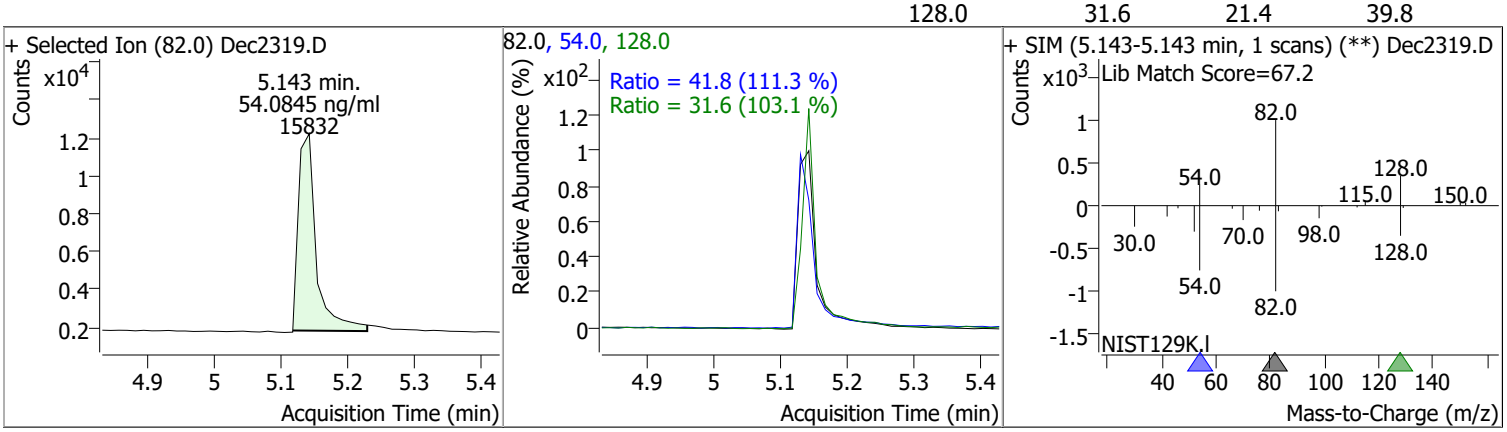



| Compound | RT | QIon | Resp. | Conc. | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| **System Monitoring Compounds** | | | | | | | |
| S Nitrobenzene-d5 | 5.143 | 82.0 | 15832 | 54.0845 | ng/ml | | 0.012 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 1081.69% | | * | |
| S 2-Fluorobiphenyl | 7.289 | 172.0 | 59444 | 67.8913 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 1357.83% | | * | |
| S Terphenyl-d14 | 12.337 | 244.0 | 58516 | 90.0427 | ng/ml | | 0.012 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 1800.85% | | * | |
| **Target Compounds** | | | | | | | **QValue** |
| T Naphthalene | 0.000 | | 0 | N.D. | | | |
| T 2-Methylnaphthalene | 0.000 | | 0 | N.D. | | | |
| T 1-Methylnaphthalene | 0.000 | | 0 | N.D. | | | |

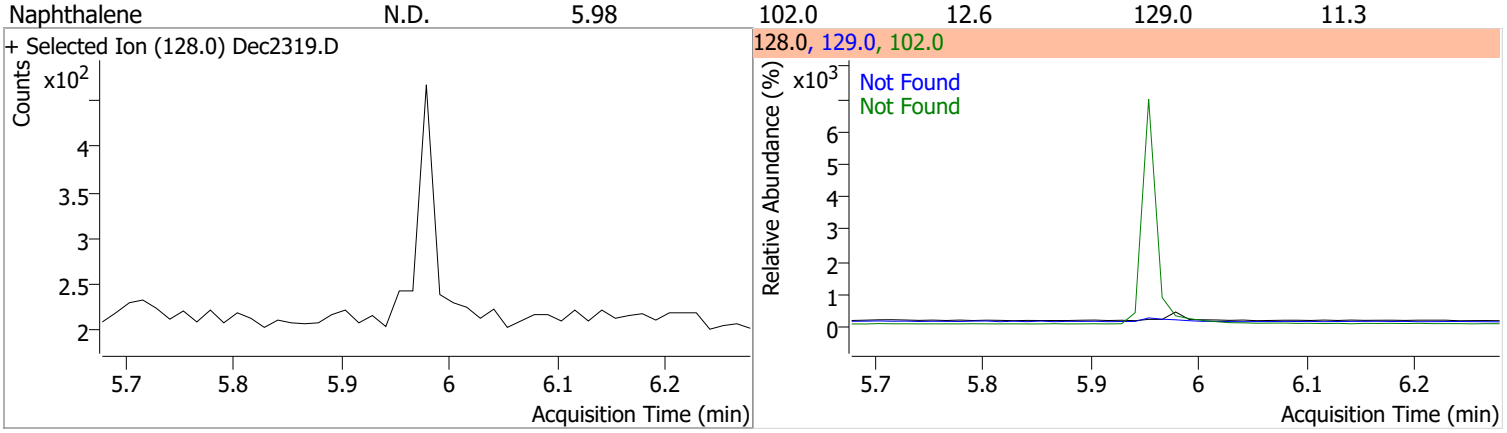
**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

# Quantitation Results Report (QT Reviewed)

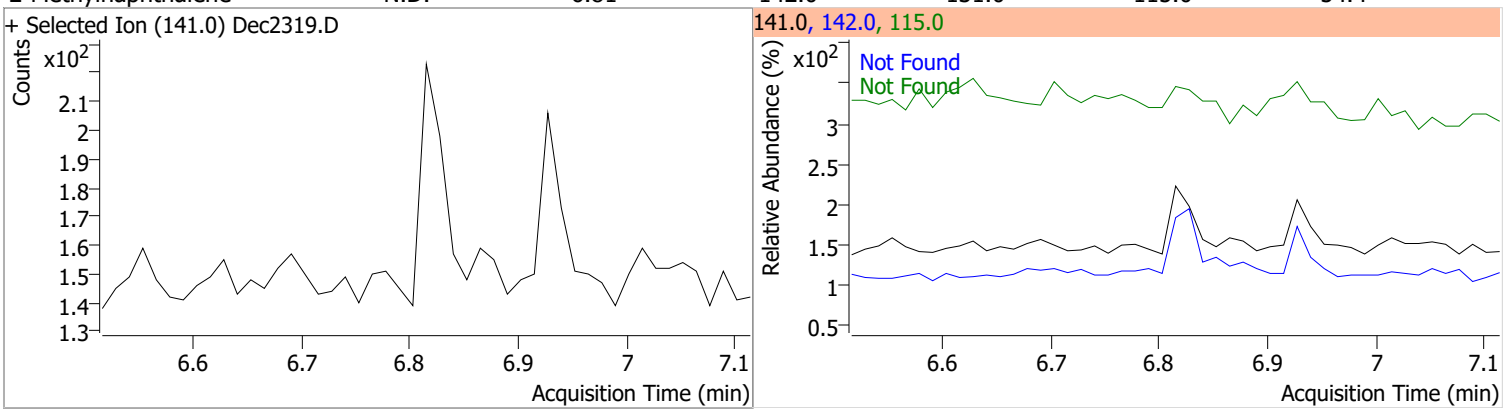
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 54.0845 | 5.14 | 0.01 | 15832 | 54.0 | 41.8 | 26.3 | 48.8 |
| | | | | | 128.0 | 31.6 | 21.4 | 39.8 |



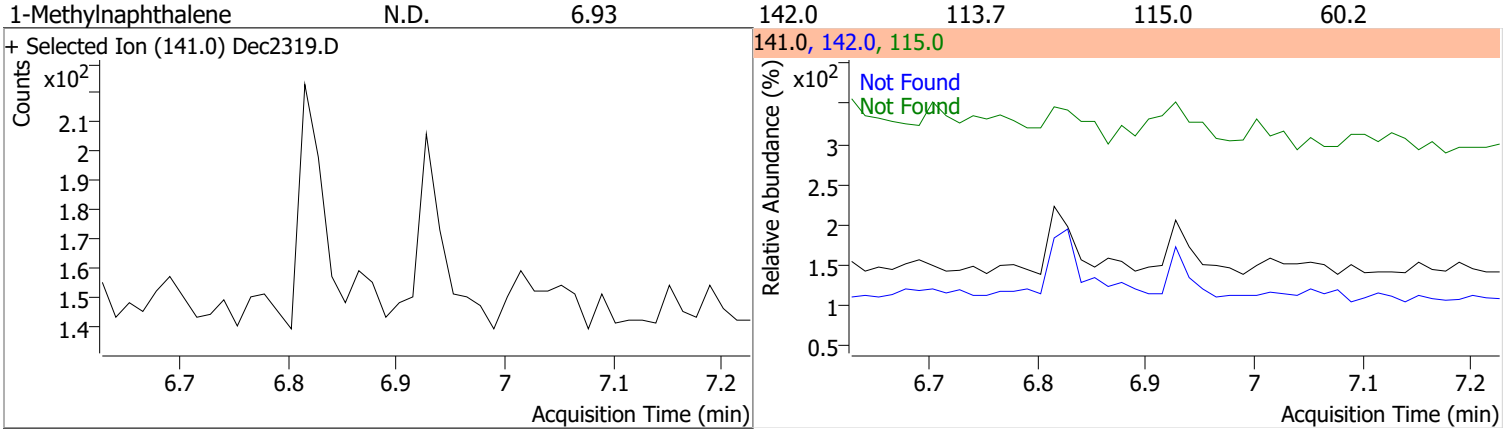

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| Naphthalene | N.D. | 5.98 | 102.0 | 12.6 | 129.0 | 11.3 |



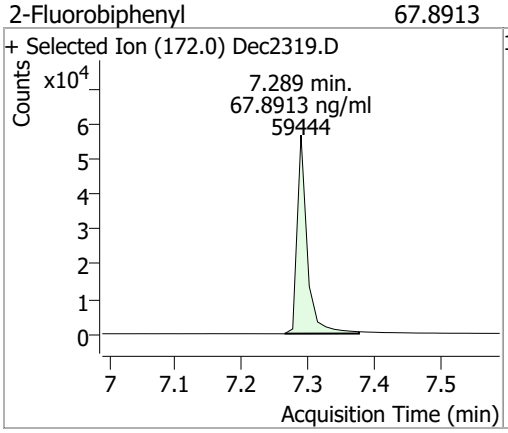

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | N.D. | 6.81 | 142.0 | 131.0 | 115.0 | 54.4 |

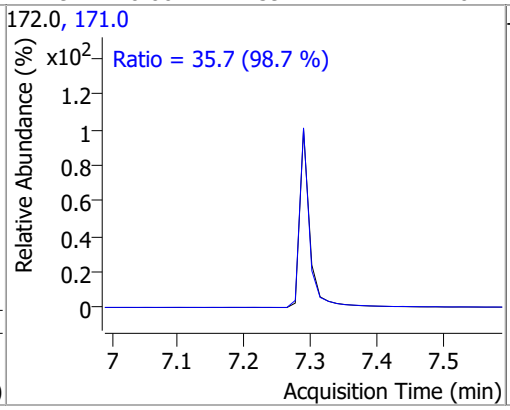


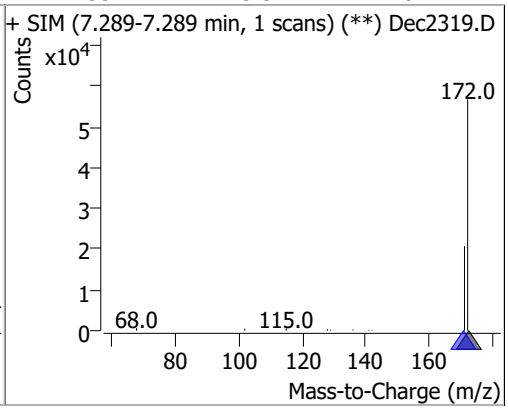

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | N.D. | 6.93 | 142.0 | 113.7 | 115.0 | 60.2 |



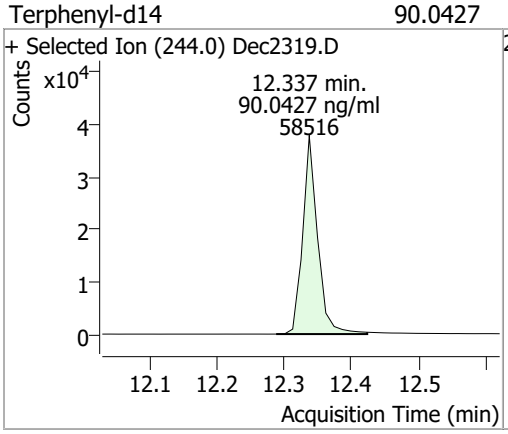
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 67.8913 | 7.29 | 0.00 | 59444 | 171.0 | 35.7 | 25.3 | 47.0 |

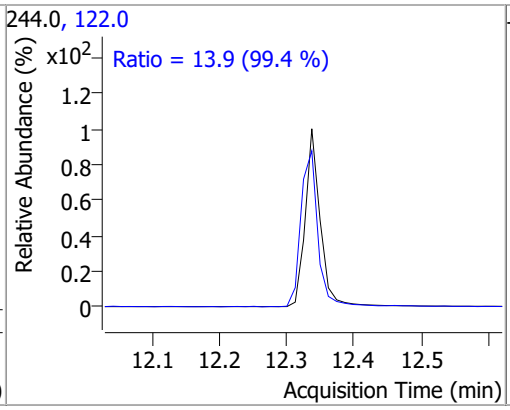


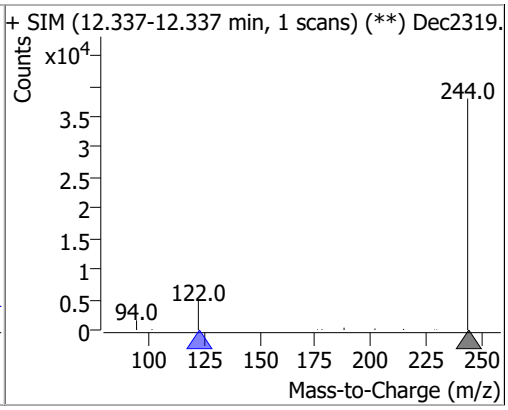




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 90.0427 | 12.34 | 0.01 | 58516 | 122.0 | 13.9 | 9.8 | 18.2 |



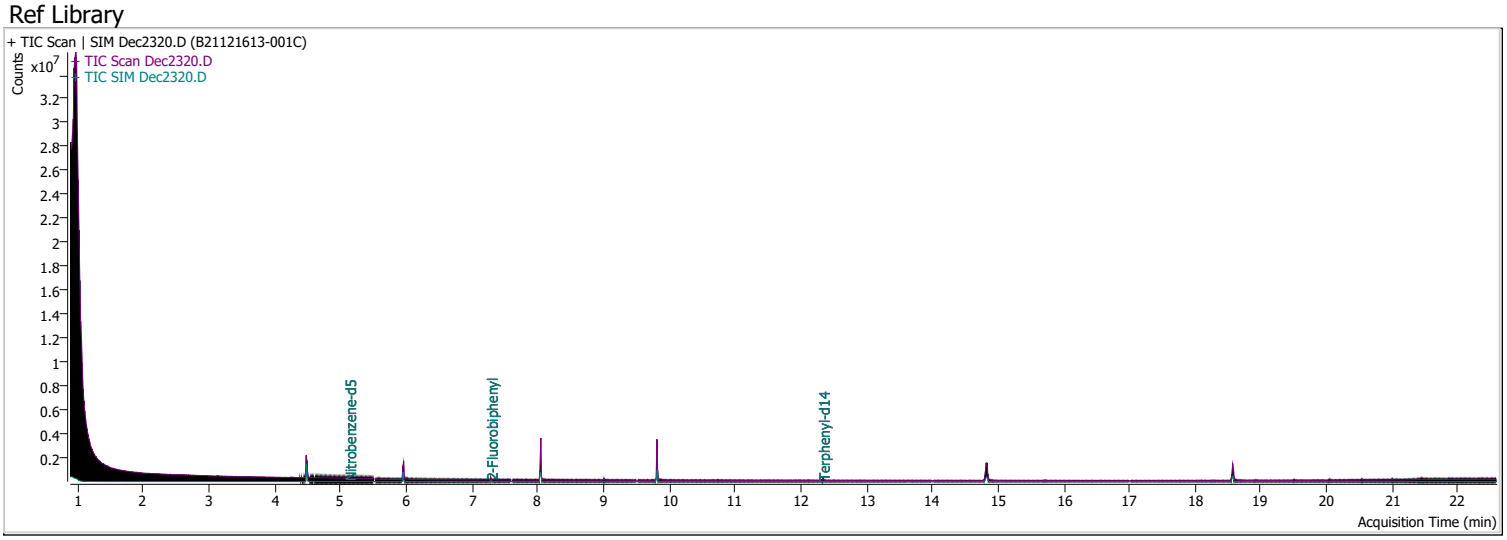



# Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

| | | | |
|---|---|---|---|
| Data File | Dec2320.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/23/2021 8:40:43 PM |
| Sample Name | B21121613-001C | Instrument | GCMS |
| Vial | 20 | Multiplier | 1.00 |
| DA Method File | 122021 bna SIM 1.batch.bin | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122321 bna SIM 1.batch.bin | Last Calib Update | 12/22/2021 12:25:13 PM |
| Ref Library | | | |

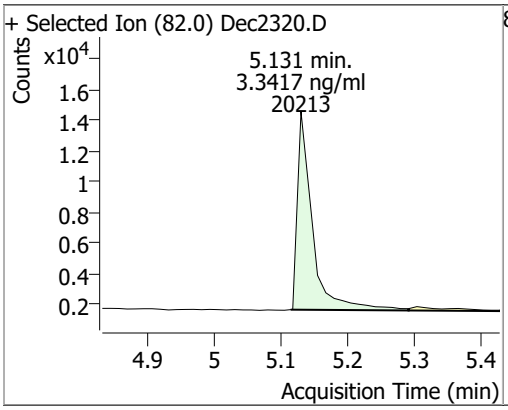


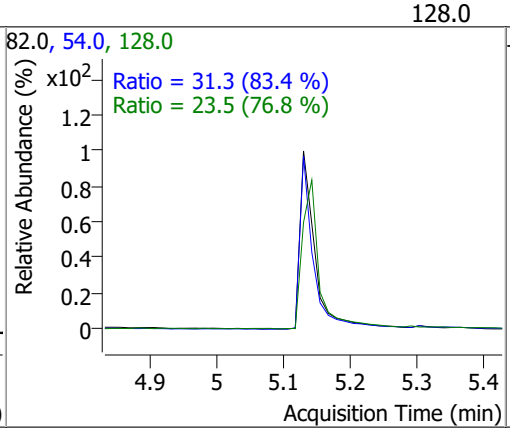

| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| **System Monitoring Compounds** | | | | | | |
| S Nitrobenzene-d5 | 5.131 | 82.0 | 20213 | 3.3417 | ng/ml | 0.000 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 66.83% | | |
| S 2-Fluorobiphenyl | 7.290 | 172.0 | 69107 | 4.0481 | ng/ml | 0.000 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 80.96% | | |
| S Terphenyl-d14 | 12.337 | 244.0 | 50302 | 4.0569 | ng/ml | 0.012 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 81.14% | | |
| **Target Compounds** | | | | | | **QValue** |
| T Naphthalene | 0.000 | | 0 | N.D. | | |
| T 2-Methylnaphthalene | 0.000 | | 0 | N.D. | | |
| T 1-Methylnaphthalene | 0.000 | | 0 | N.D. | | |

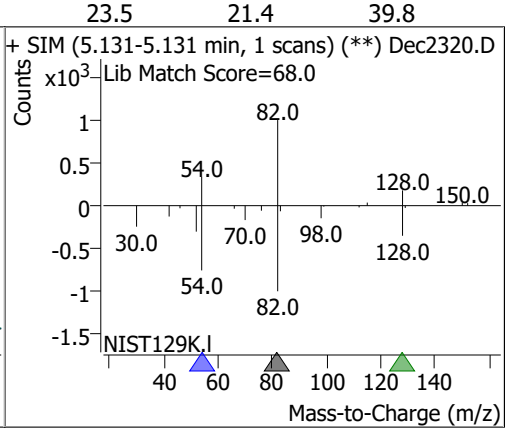
**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

# Quantitation Results Report (QT Reviewed)

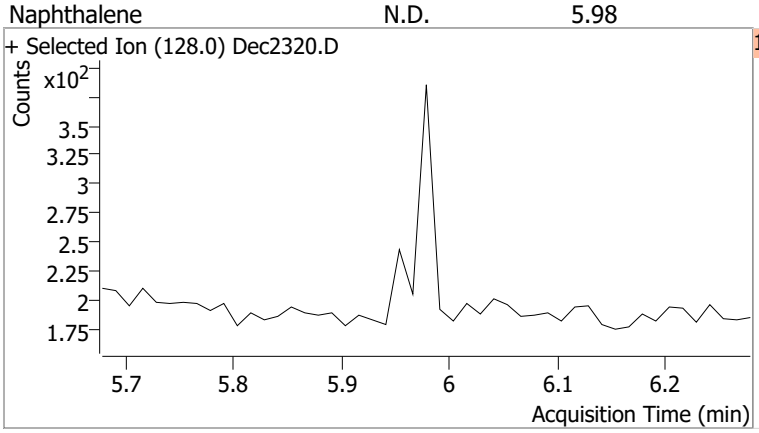
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 3.3417 | 5.13 | 0.00 | 20213 | 54.0 | 31.3 | 26.3 | 48.8 |
| | | | | | 128.0 | 23.5 | 21.4 | 39.8 |

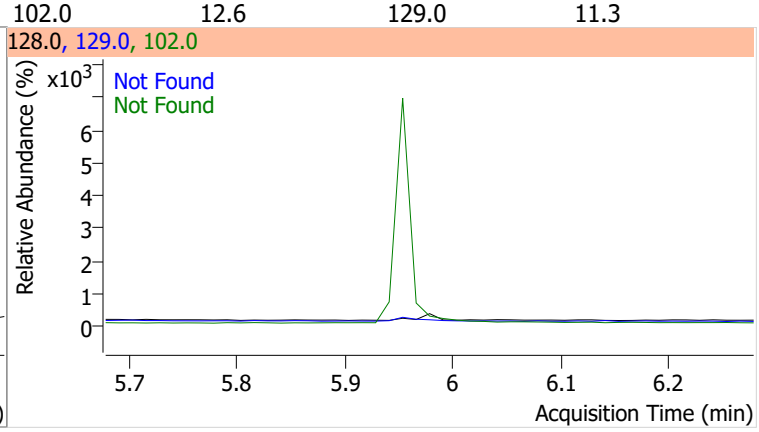


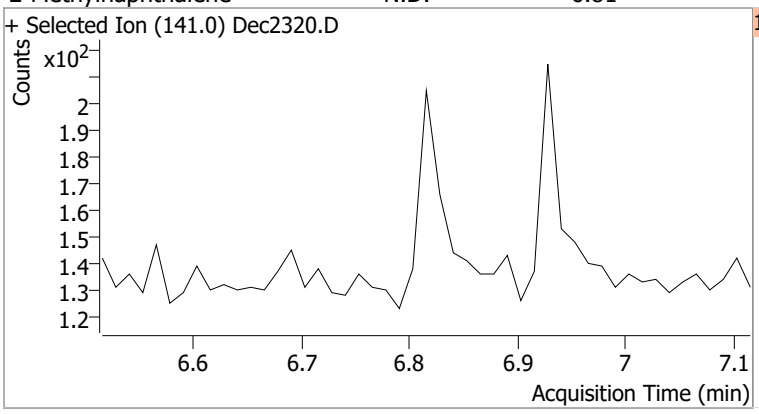



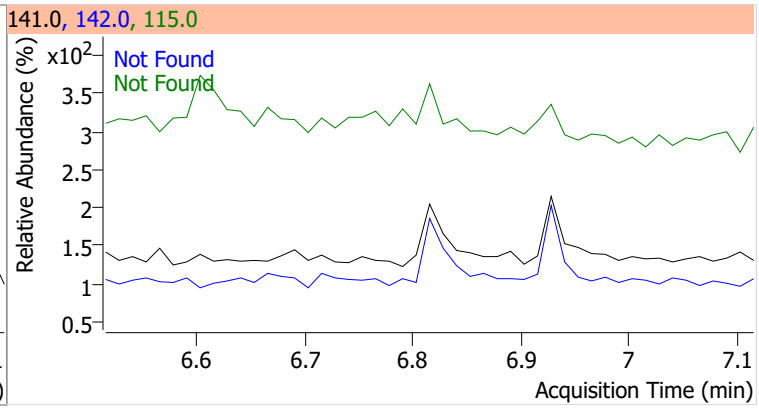

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| Naphthalene | N.D. | 5.98 | 102.0 | 12.6 | 129.0 | 11.3 |



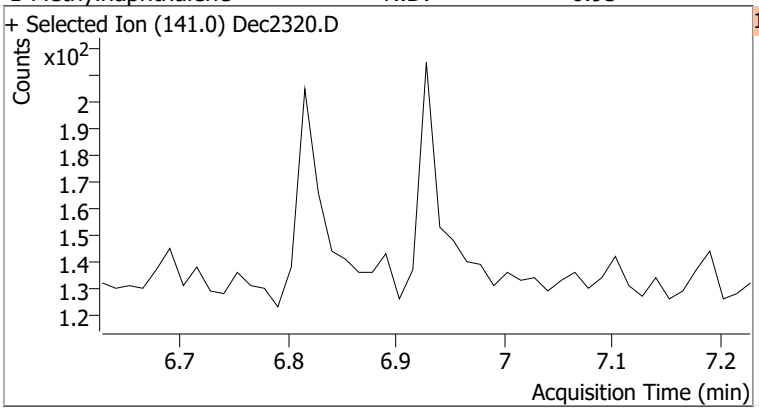



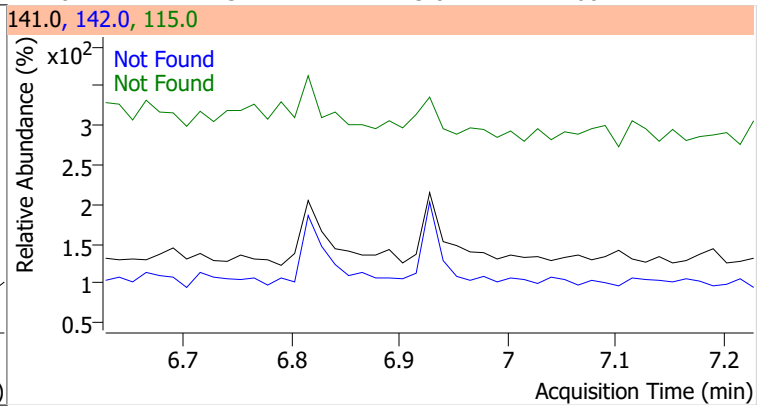

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | N.D. | 6.81 | 142.0 | 131.0 | 115.0 | 54.4 |



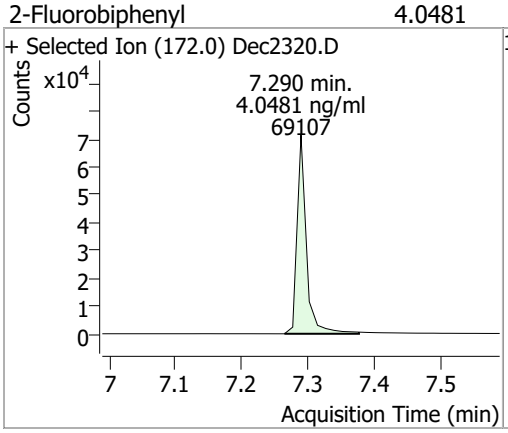



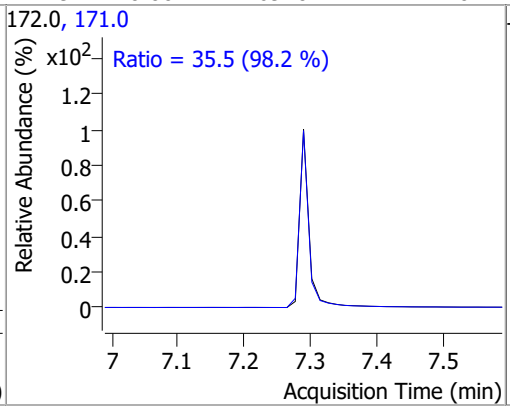

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | N.D. | 6.93 | 142.0 | 113.7 | 115.0 | 60.2 |

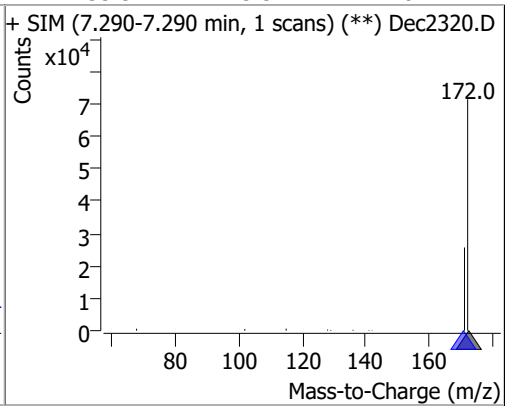


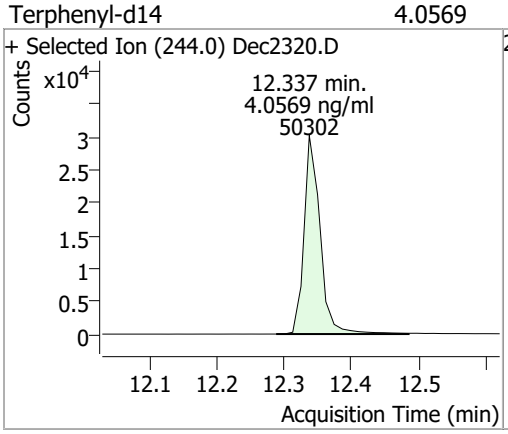
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 4.0481 | 7.29 | 0.00 | 69107 | 171.0 | 35.5 | 25.3 | 47.0 |

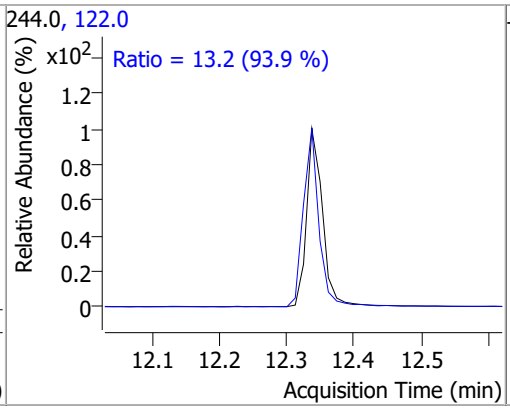


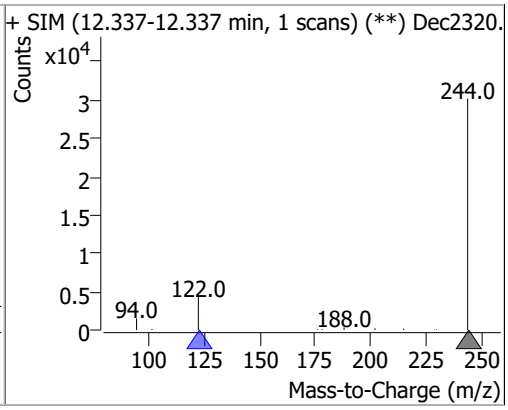




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 4.0569 | 12.34 | 0.01 | 50302 | 122.0 | 13.2 | 9.8 | 18.2 |

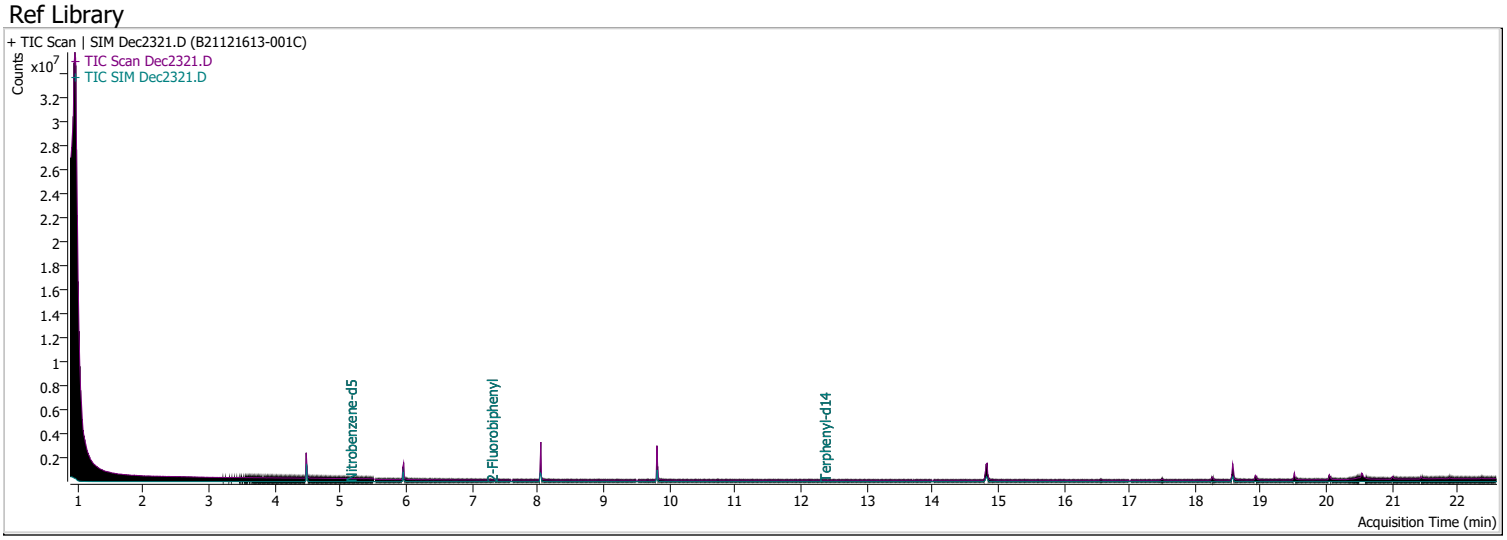


# Quantitation Results Report (QT Reviewed)

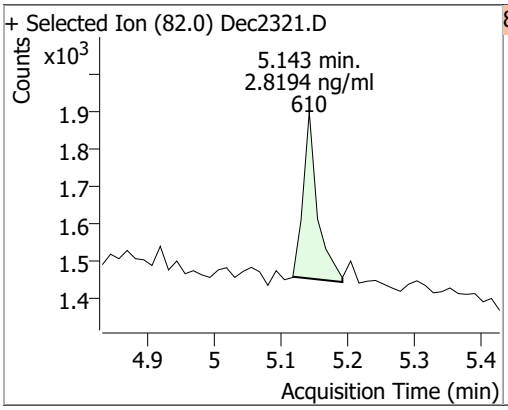
| | | | |
|---|---|---|---|
| Data File | Dec2321.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/23/2021 9:13:16 PM |
| Sample Name | B21121613-001C | Instrument | GCMS |
| Vial | 21 | Multiplier | 20.00 |
| DA Method File | 122021 bna SIM 1.batch.bin | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122321 bna SIM 1.batch.bin | Last Calib Update | 12/22/2021 12:25:13 PM |
| Ref Library | | | |

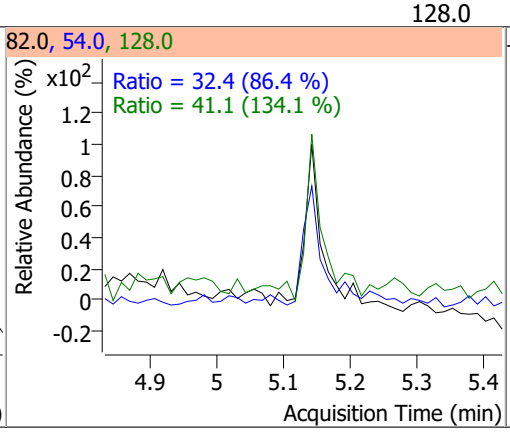


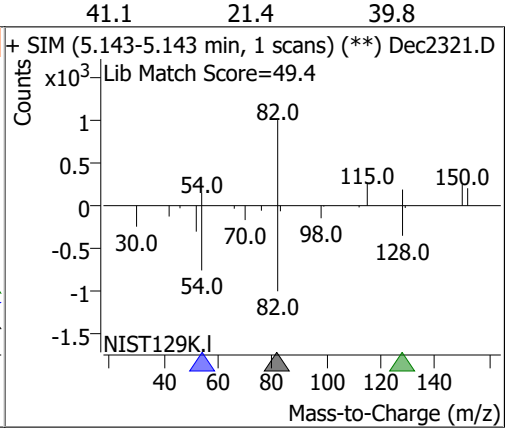

| Compound | RT | QIon | Resp. | Conc. | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| **System Monitoring Compounds** | | | | | | | |
| S Nitrobenzene-d5 | 5.143 | 82.0 | 610 | 2.8194 | ng/ml | # | 0.012 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 56.39% | | | |
| S 2-Fluorobiphenyl | 7.290 | 172.0 | 4190 | 4.4560 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 89.12% | | | |
| S Terphenyl-d14 | 12.350 | 244.0 | 2975 | 5.0738 | ng/ml | | 0.025 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 101.48% | | | |
| **Target Compounds** | | | | | | | **QValue** |
| T Naphthalene | 0.000 | | 0 | N.D. | | | |
| T 2-Methylnaphthalene | 0.000 | | 0 | N.D. | | | |
| T 1-Methylnaphthalene | 0.000 | | 0 | N.D. | | | |

**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

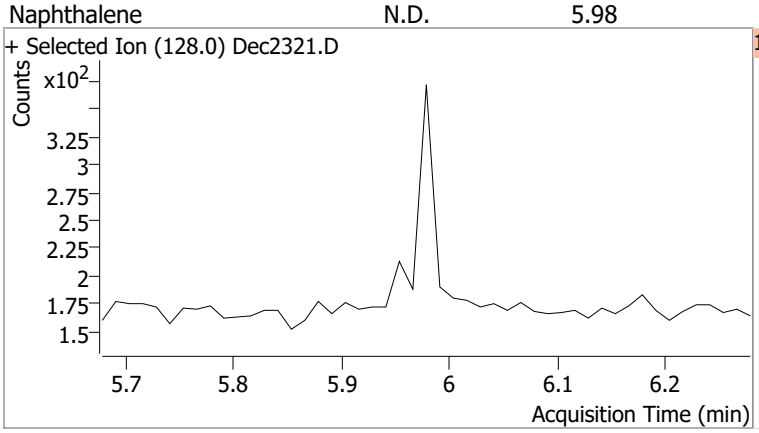
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 2.8194 | 5.14 | 0.01 | 610 | 54.0 | 32.4 | 26.3 | 48.8 |
| | | | | | 128.0 | 41.1 | 21.4 | 39.8 |

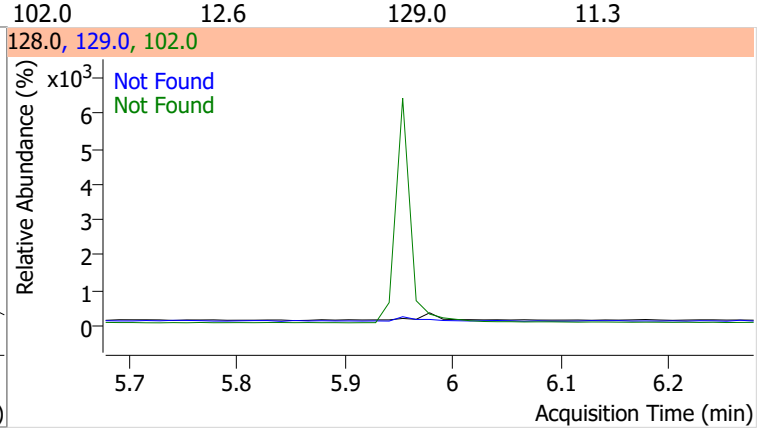


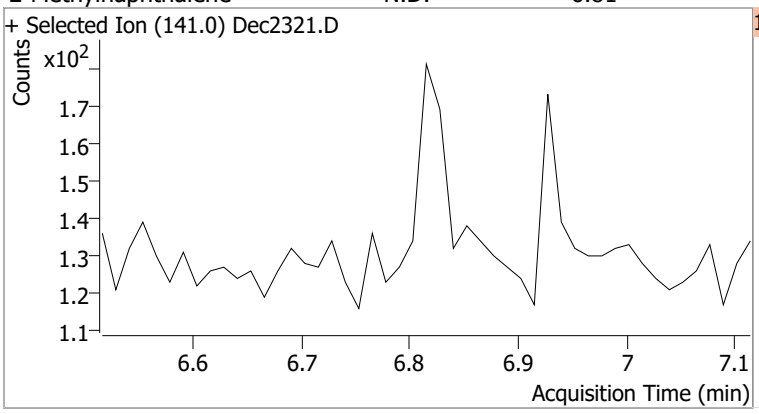



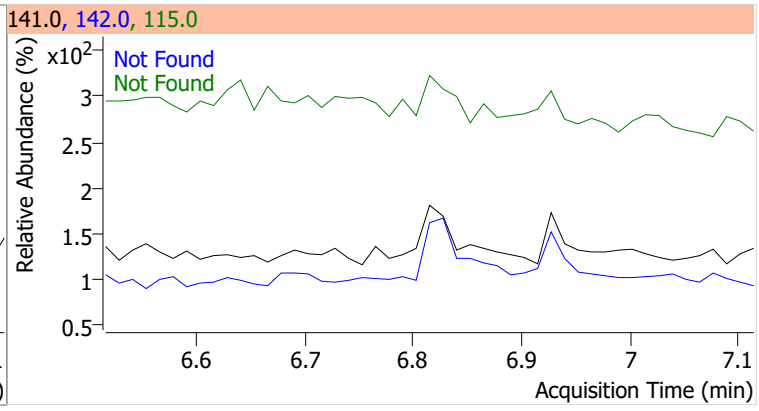

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| Naphthalene | N.D. | 5.98 | 102.0 | 12.6 | 129.0 | 11.3 |



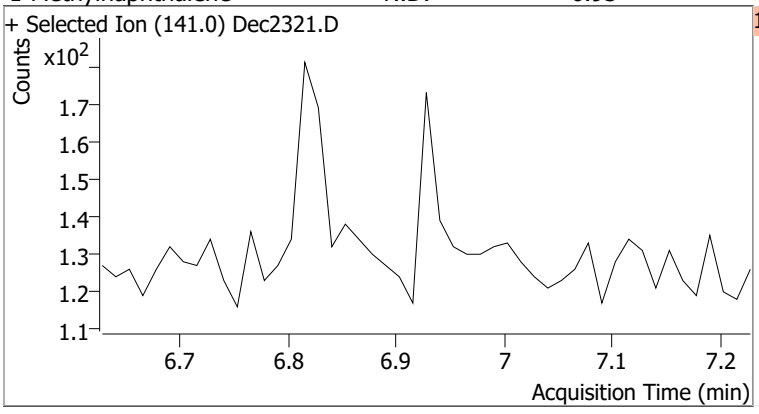



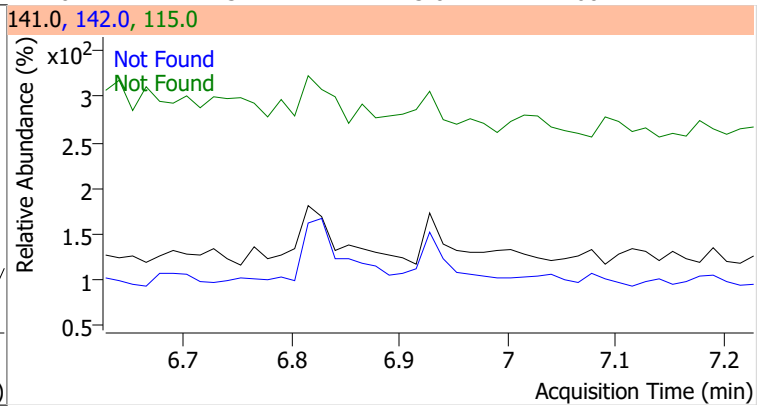

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | N.D. | 6.81 | 142.0 | 131.0 | 115.0 | 54.4 |



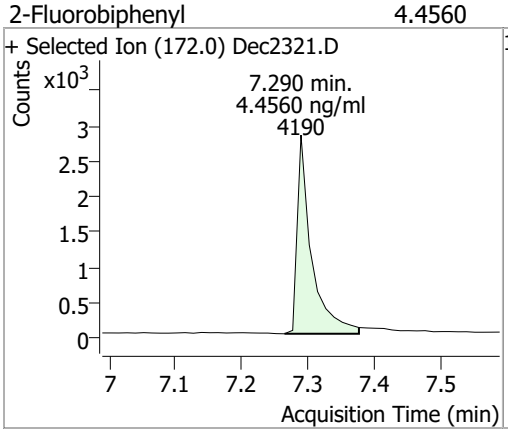



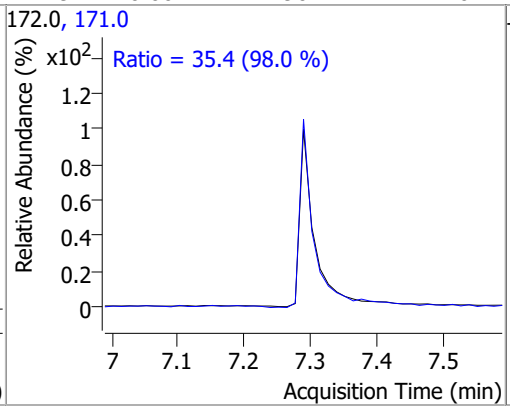

| Compound | Conc. | Exp RT | QIon | Exp Ratio | QIon | Exp Ratio |
|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | N.D. | 6.93 | 142.0 | 113.7 | 115.0 | 60.2 |

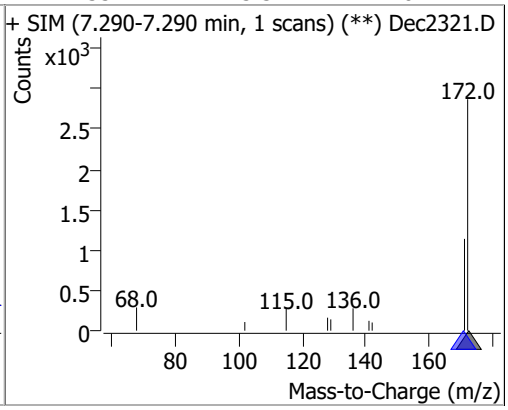


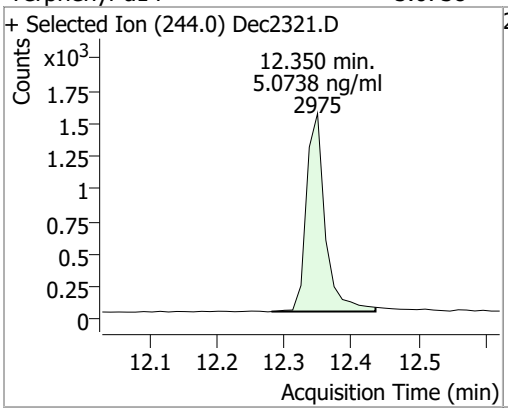
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 4.4560 | 7.29 | 0.00 | 4190 | 171.0 | 35.4 | 25.3 | 47.0 |

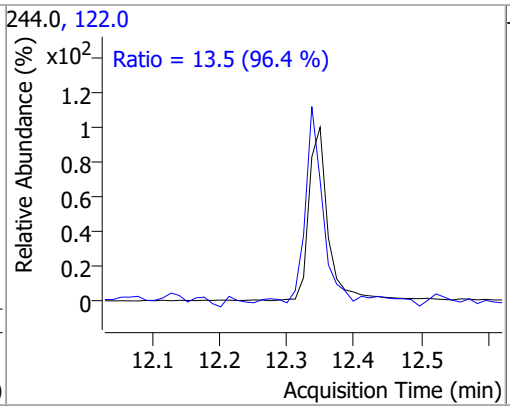


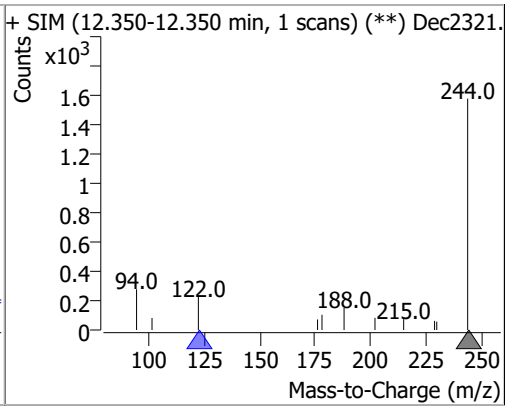




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 5.0738 | 12.35 | 0.02 | 2975 | 122.0 | 13.5 | 9.8 | 18.2 |



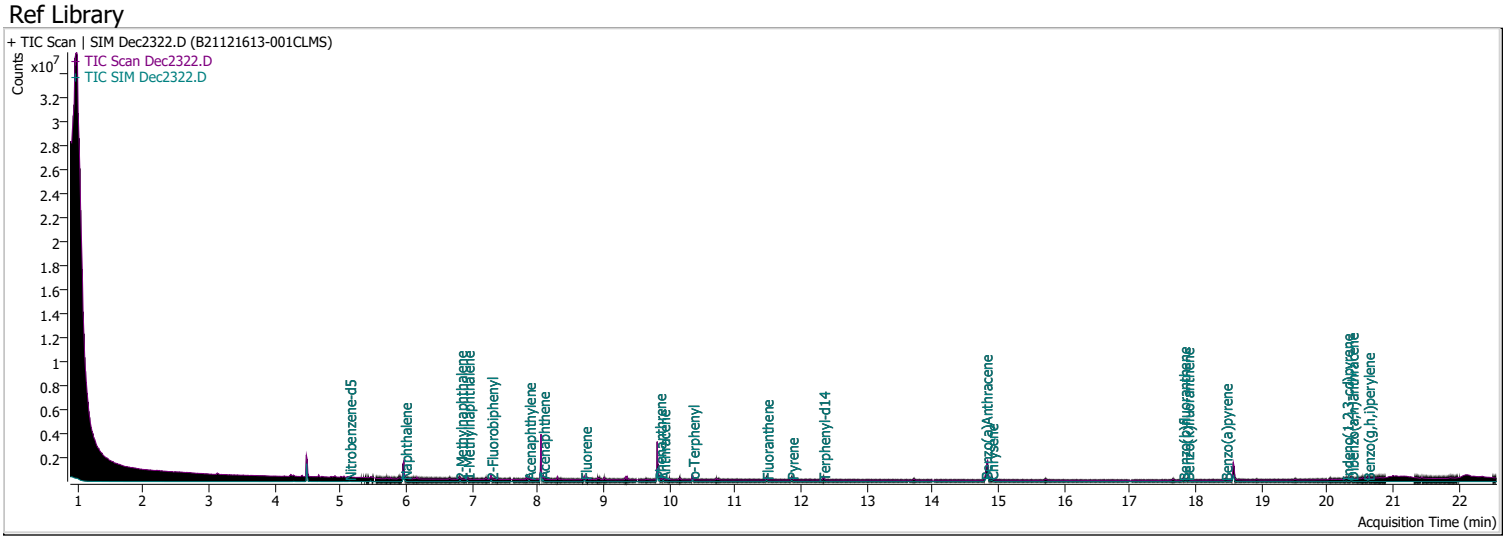



# Quantitation Results Report (QT Reviewed)

Agilent | Trusted Answers

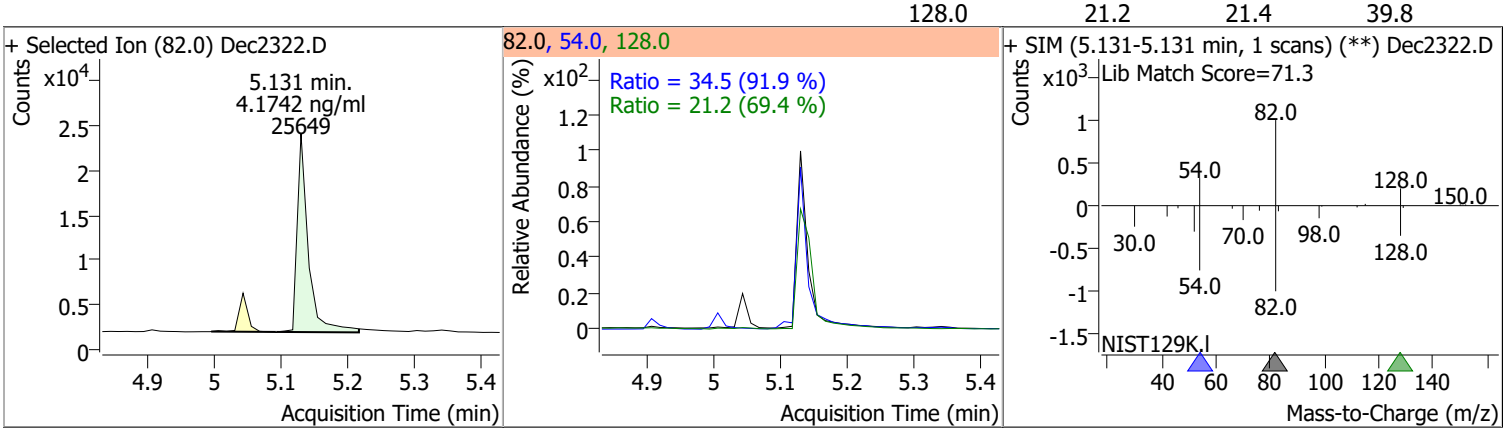
| | | | |
|---|---|---|---|
| Data File | Dec2322.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/23/2021 9:45:58 PM |
| Sample Name | B21121613-001CLMS | Instrument | GCMS |
| Vial | 22 | Multiplier | 1.00 |
| DA Method File | 122021 bna SIM 1.batch.bin | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122321 bna SIM 1.batch.bin | Last Calib Update | 12/22/2021 12:25:13 PM |
| Ref Library | | | |



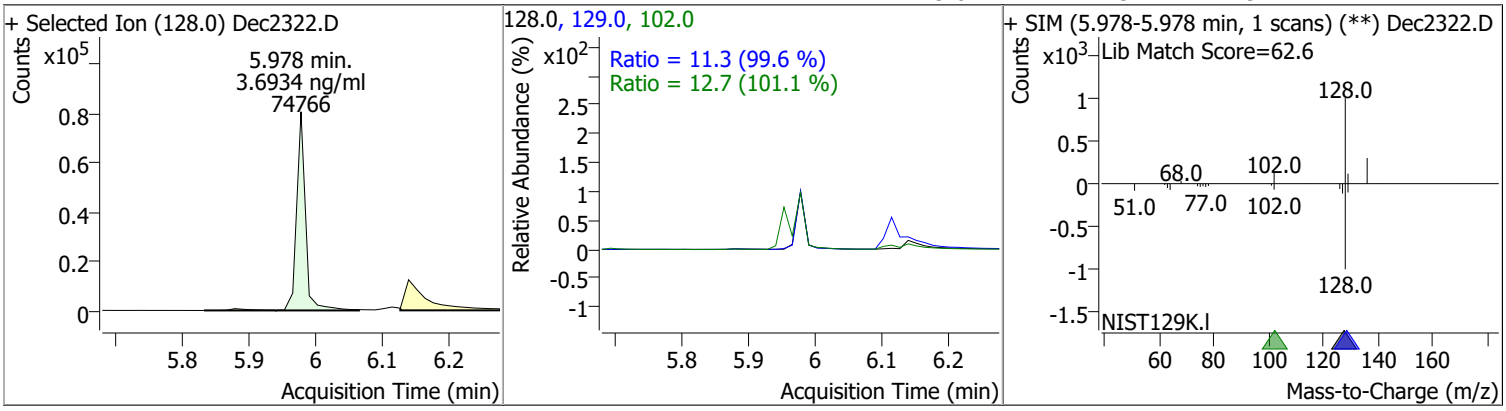

| Compound | RT | QIon | Resp. | Conc. | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| **System Monitoring Compounds** | | | | | | | |
| S Nitrobenzene-d5 | 5.131 | 82.0 | 25649 | 4.1742 | ng/ml | # | 0.000 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 83.48% | | | |
| S 2-Fluorobiphenyl | 7.289 | 172.0 | 87784 | 4.9819 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 99.64% | | * | |
| S Terphenyl-d14 | 12.337 | 244.0 | 70506 | 5.3583 | ng/ml | | 0.012 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 107.17% | | * | |
| **Target Compounds** | | | | | | | **QValue** |
| T Naphthalene | 5.978 | 128.0 | 74766 | 3.6934 | ng/ml | | 100 |
| T 2-Methylnaphthalene | 6.815 | 141.0 | 46941 | 3.8737 | ng/ml | | 84 |
| T 1-Methylnaphthalene | 6.927 | 141.0 | 42642 | 3.5373 | ng/ml | m | 92 |

**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

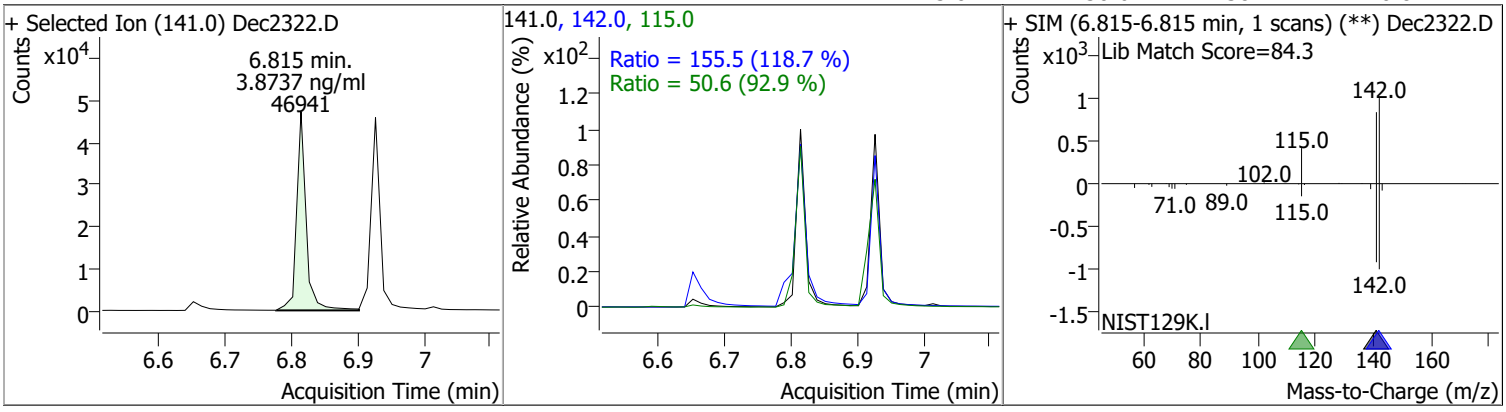
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 4.1742 | 5.13 | 0.00 | 25649 | 54.0 | 34.5 | 26.3 | 48.8 |
| | | | | | 128.0 | 21.2 | 21.4 | 39.8 |



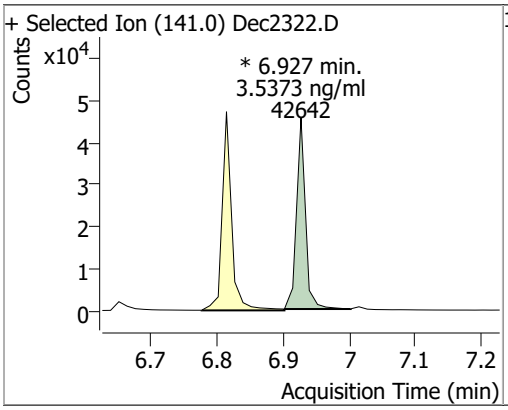

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Naphthalene | 3.6934 | 5.98 | 0.00 | 74766 | 102.0 | 12.7 | 0.0 | 37.7 |
| | | | | | 129.0 | 11.3 | 7.9 | 14.7 |

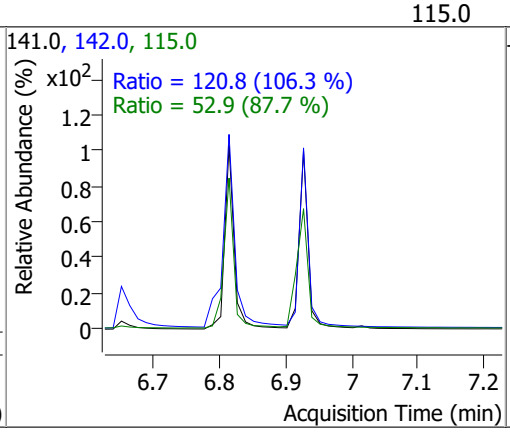


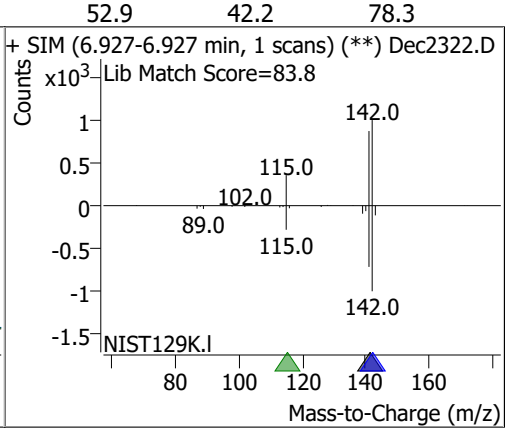

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 3.8737 | 6.81 | 0.00 | 46941 | 142.0 | 155.5 | 91.7 | 170.2 |
| | | | | | 115.0 | 50.6 | 38.1 | 70.8 |



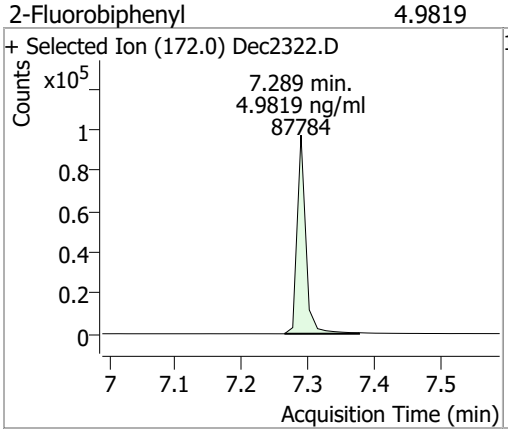
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | 3.5373 | 6.93 | 0.00 | 42642 (m) | 142.0 | 120.8 | 79.6 | 147.8 |
| | | | | | 115.0 | 52.9 | 42.2 | 78.3 |

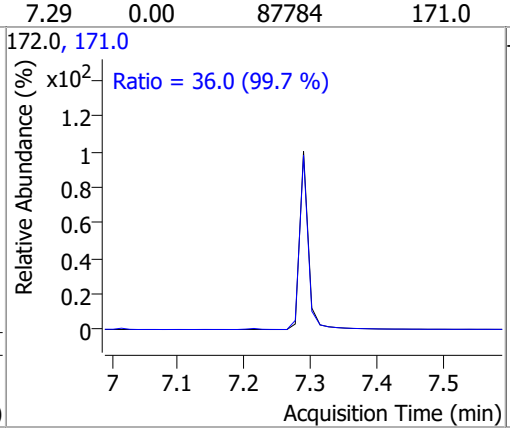


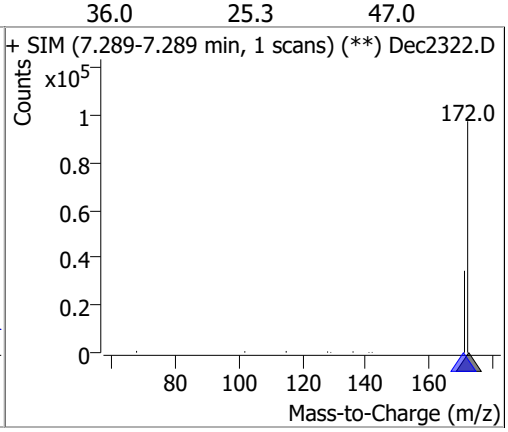



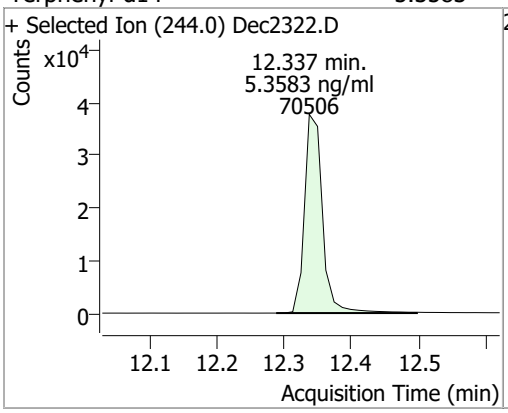

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 4.9819 | 7.29 | 0.00 | 87784 | 171.0 | 36.0 | 25.3 | 47.0 |

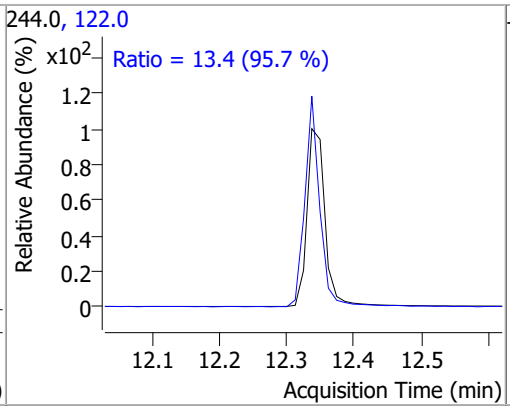


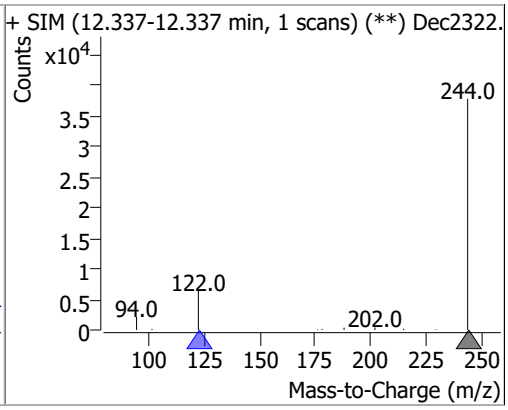




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 5.3583 | 12.34 | 0.01 | 70506 | 122.0 | 13.4 | 9.8 | 18.2 |

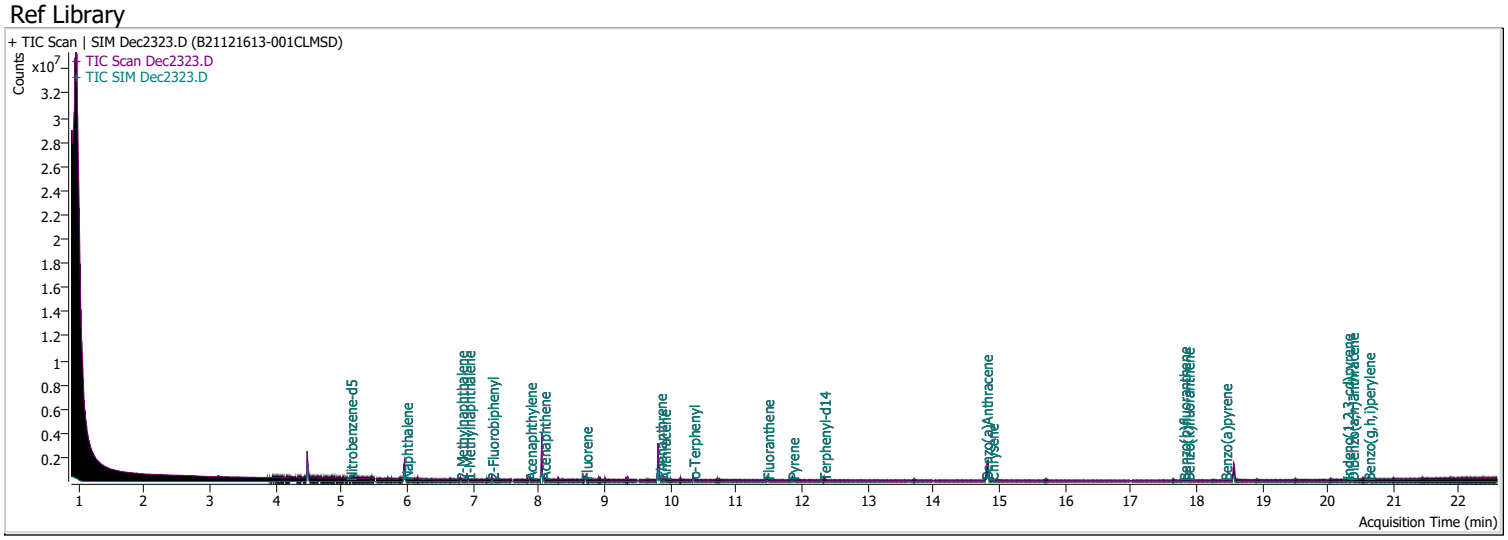


# Quantitation Results Report (QT Reviewed)

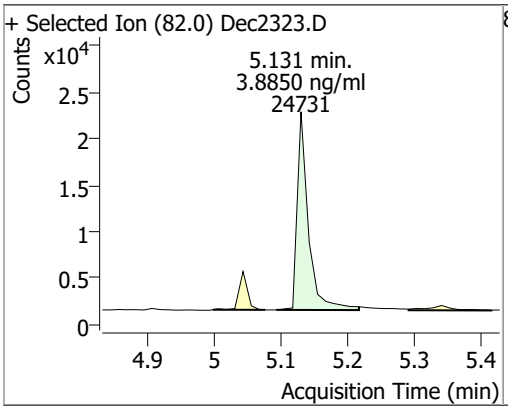
| | | | |
|---|---|---|---|
| Data File | Dec2323.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/23/2021 10:18:33 PM |
| Sample Name | B21121613-001CLMSD | Instrument | GCMS |
| Vial | 23 | Multiplier | 1.00 |
| DA Method File | 122021 bna SIM 1.batch.bin | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122321 bna SIM 1.batch.bin | Last Calib Update | 12/22/2021 12:25:13 PM |
| Ref Library | | | |

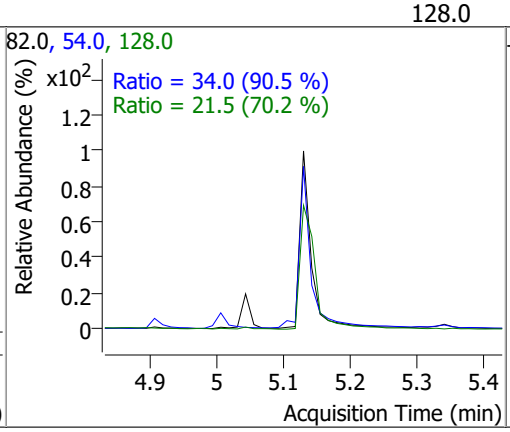


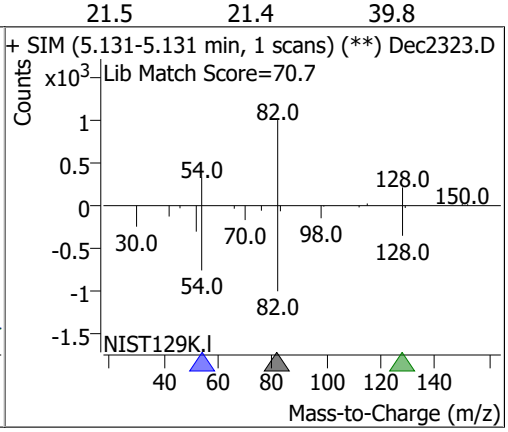

| Compound | RT | QIon | Resp. | Conc. | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| **System Monitoring Compounds** | | | | | | | |
| S Nitrobenzene-d5 | 5.131 | 82.0 | 24731 | 3.8850 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 77.70% | | | |
| S 2-Fluorobiphenyl | 7.289 | 172.0 | 84700 | 4.7554 | ng/ml | | 0.000 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 95.11% | | * | |
| S Terphenyl-d14 | 12.337 | 244.0 | 69149 | 5.2575 | ng/ml | | 0.012 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 105.15% | | | |
| **Target Compounds** | | | | | | | **QValue** |
| T Naphthalene | 5.978 | 128.0 | 71677 | 3.5195 | ng/ml | | 100 |
| T 2-Methylnaphthalene | 6.815 | 141.0 | 43099 | 3.5183 | ng/ml | | 80 |
| T 1-Methylnaphthalene | 6.927 | 141.0 | 40338 | 3.3275 | ng/ml | | 93 |

**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

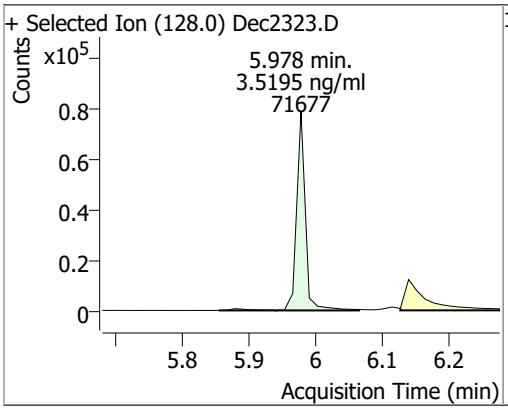
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 3.8850 | 5.13 | 0.00 | 24731 | 54.0 | 34.0 | 26.3 | 48.8 |
| | | | | | 128.0 | 21.5 | 21.4 | 39.8 |

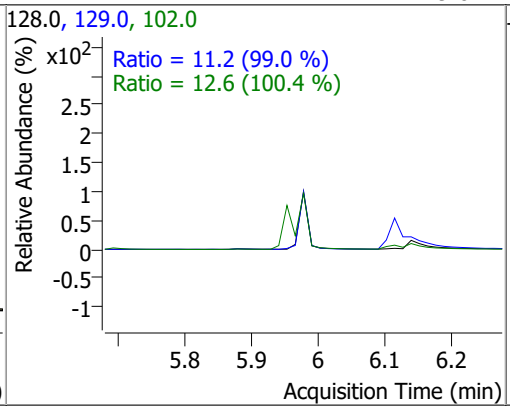


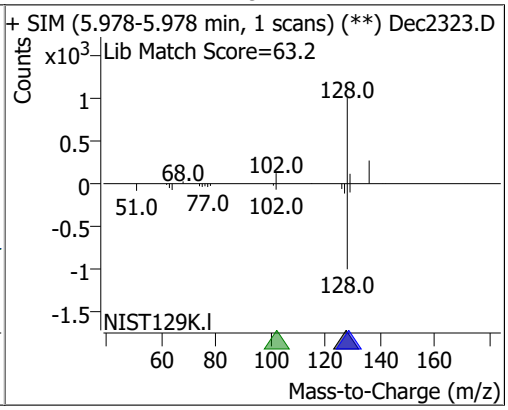



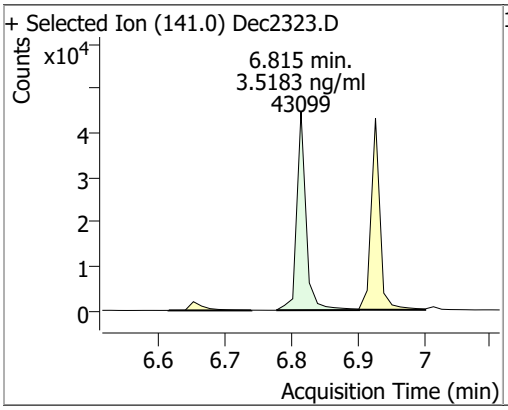

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Naphthalene | 3.5195 | 5.98 | 0.00 | 71677 | 102.0 | 12.6 | 0.0 | 37.7 |
| | | | | | 129.0 | 11.2 | 7.9 | 14.7 |

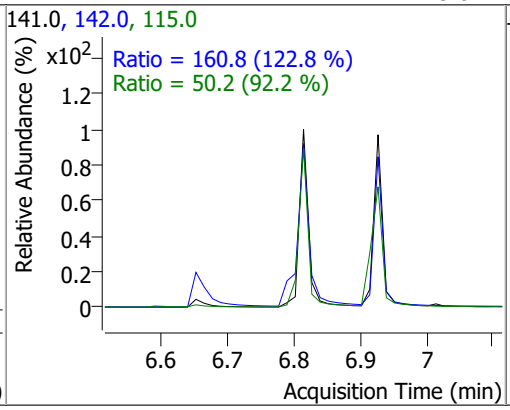


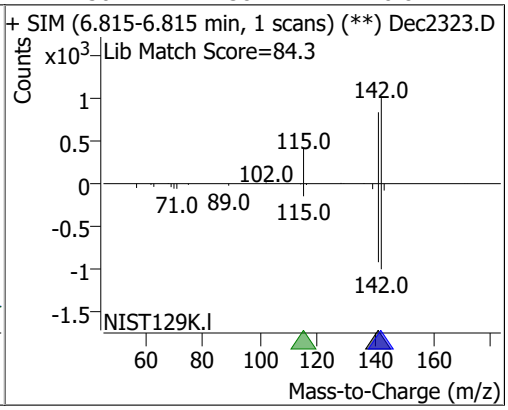



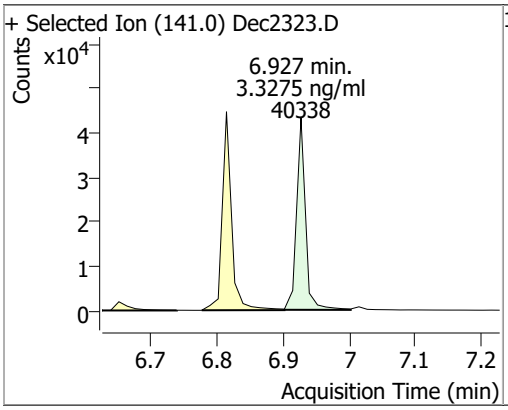

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 3.5183 | 6.81 | 0.00 | 43099 | 142.0 | 160.8 | 91.7 | 170.2 |
| | | | | | 115.0 | 50.2 | 38.1 | 70.8 |

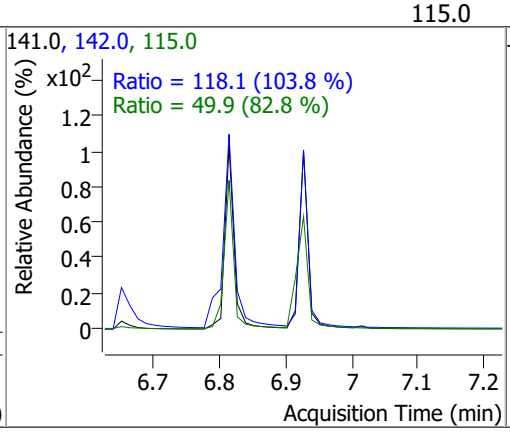


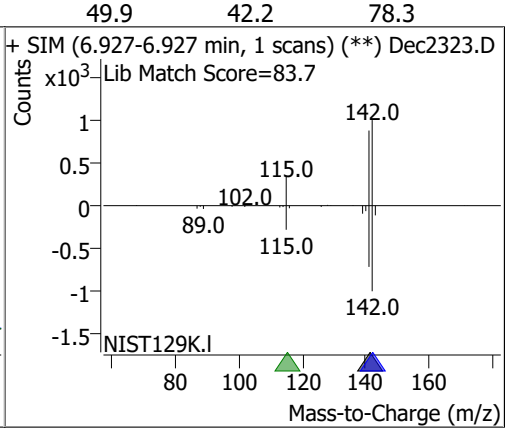



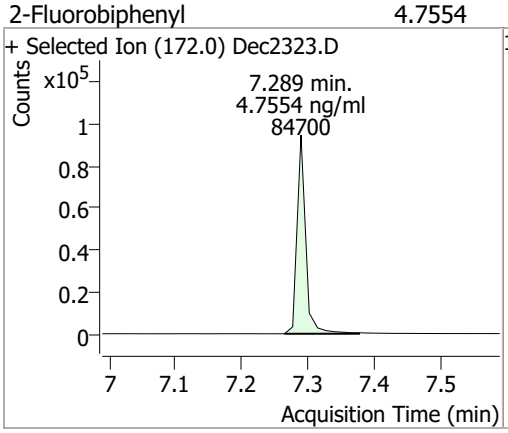
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | 3.3275 | 6.93 | 0.00 | 40338 | 142.0 | 118.1 | 79.6 | 147.8 |
| | | | | | 115.0 | 49.9 | 42.2 | 78.3 |

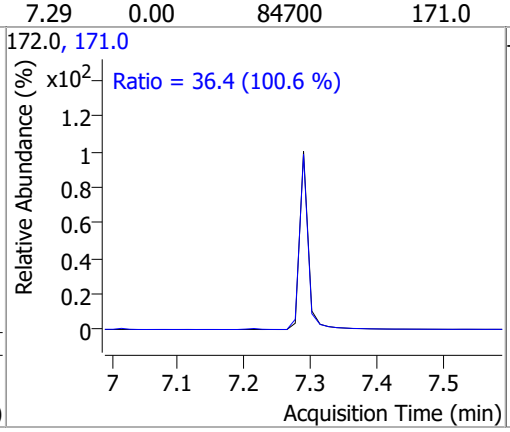


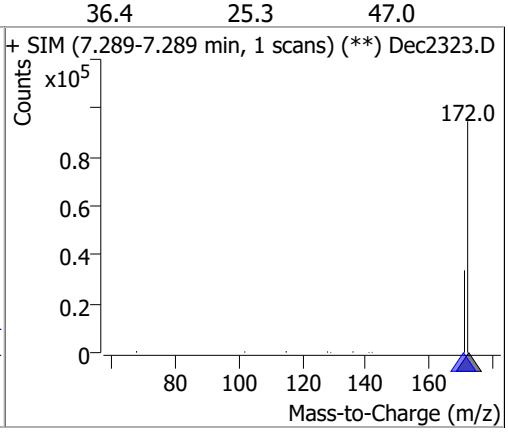



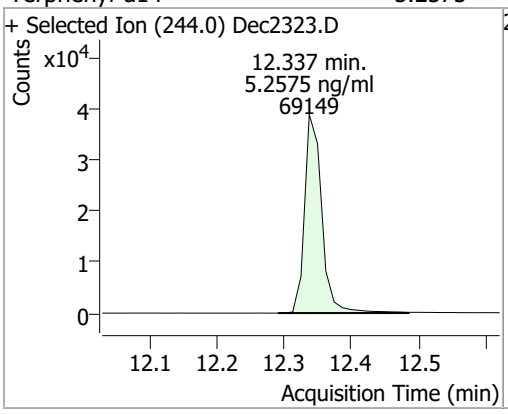

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 4.7554 | 7.29 | 0.00 | 84700 | 171.0 | 36.4 | 25.3 | 47.0 |

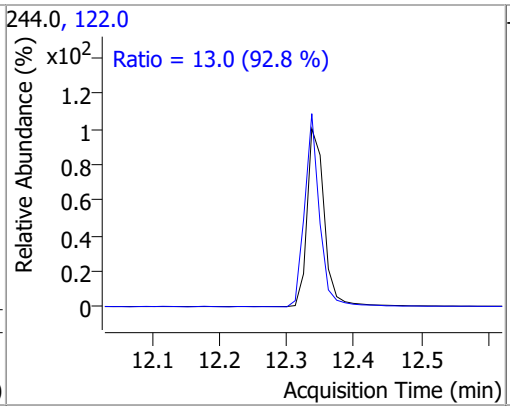


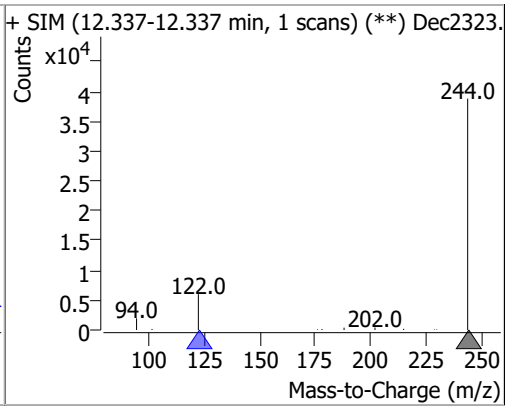




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 5.2575 | 12.34 | 0.01 | 69149 | 122.0 | 13.0 | 9.8 | 18.2 |

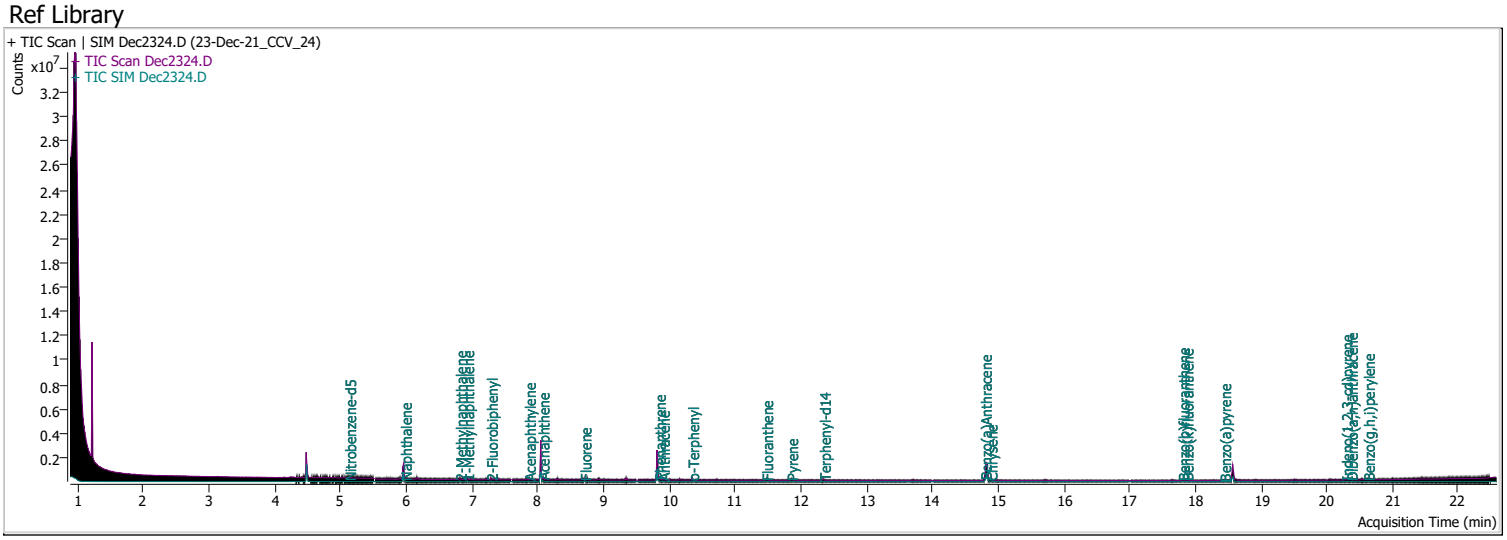


# Quantitation Results Report (QT Reviewed)

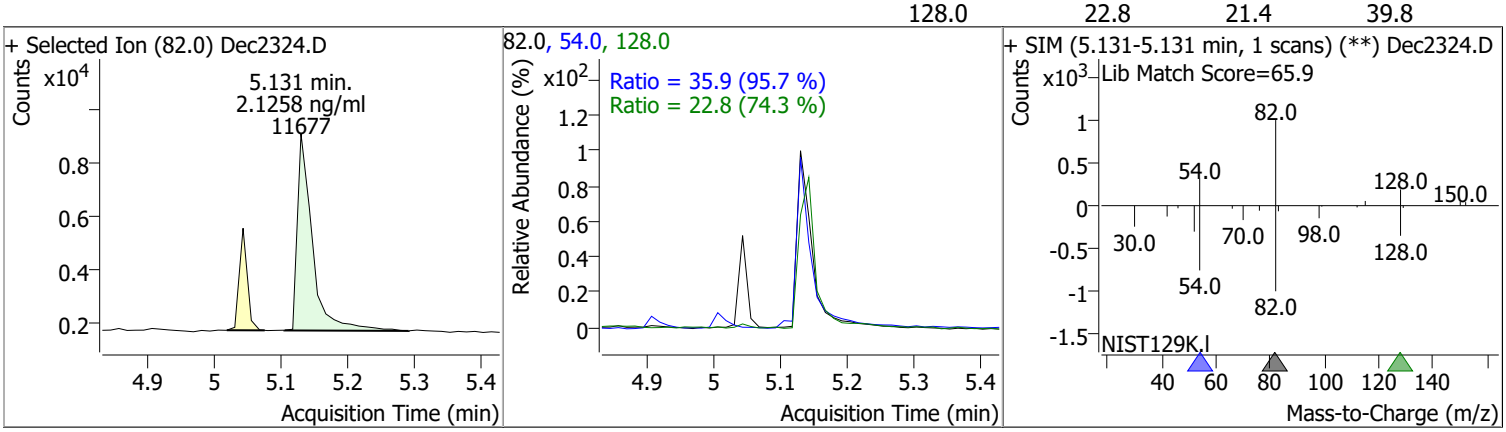
| | | | |
|---|---|---|---|
| Data File | Dec2324.D | Operator | LIMS import |
| Acq. Method | 5975BNASIM | Acq. Date-Time | 12/23/2021 10:51:31 PM |
| Sample Name | 23-Dec-21_CCV_24 | Instrument | GCMS |
| Vial | 24 | Multiplier | 1.00 |
| DA Method File | 122021 bna SIM 1.batch.bin | Comment | SVOC-8270-W-LLPAH |
| Tune File | dftppjph.u | Tune Date | |
| Batch Name | 122321 bna SIM 1.batch.bin | Last Calib Update | 12/22/2021 12:25:13 PM |
| Ref Library | | | |



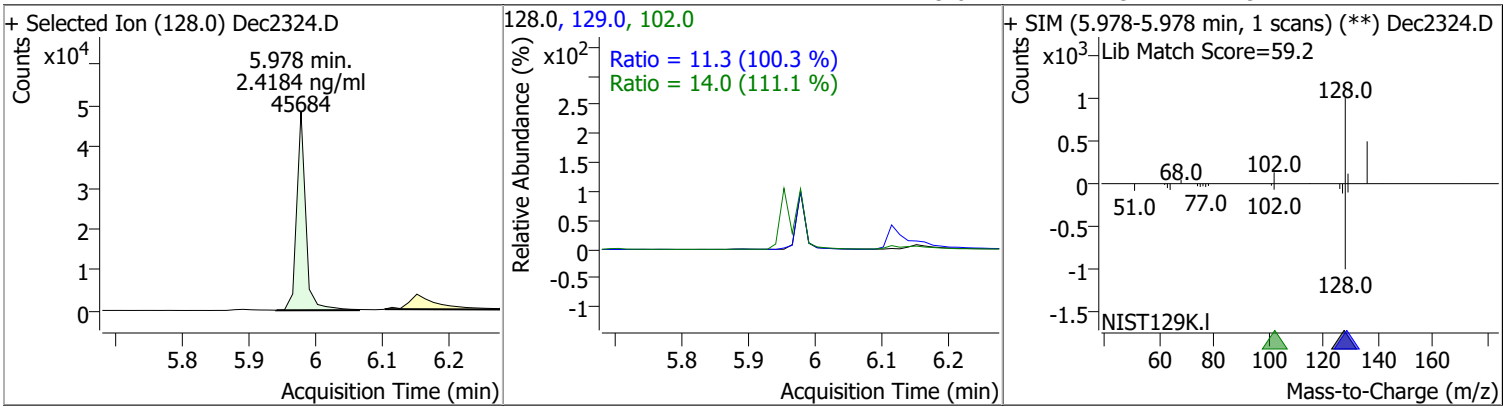

| Compound | RT | QIon | Resp. | Conc. | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| **System Monitoring Compounds** | | | | | | |
| S Nitrobenzene-d5 | 5.131 | 82.0 | 11677 | 2.1258 | ng/ml | 0.000 |
| Spiked Amount: 5.000 | Range: 19.0 - 102.0% | | | Recovery = 42.52% | | |
| S 2-Fluorobiphenyl | 7.290 | 172.0 | 43090 | 2.5621 | ng/ml | 0.000 |
| Spiked Amount: 5.000 | Range: 25.0 - 94.0% | | | Recovery = 51.24% | | |
| S Terphenyl-d14 | 12.350 | 244.0 | 23320 | 1.9916 | ng/ml | 0.025 |
| Spiked Amount: 5.000 | Range: 39.0 - 106.0% | | | Recovery = 39.83% | | |
| **Target Compounds** | | | | | | QValue |
| T Naphthalene | 5.978 | 128.0 | 45684 | 2.4184 | ng/ml | 98 |
| T 2-Methylnaphthalene | 6.815 | 141.0 | 27531 | 2.4005 | ng/ml | 92 |
| T 1-Methylnaphthalene | 6.927 | 141.0 | 27938 | 2.5015 | ng/ml | 96 |

**(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak**

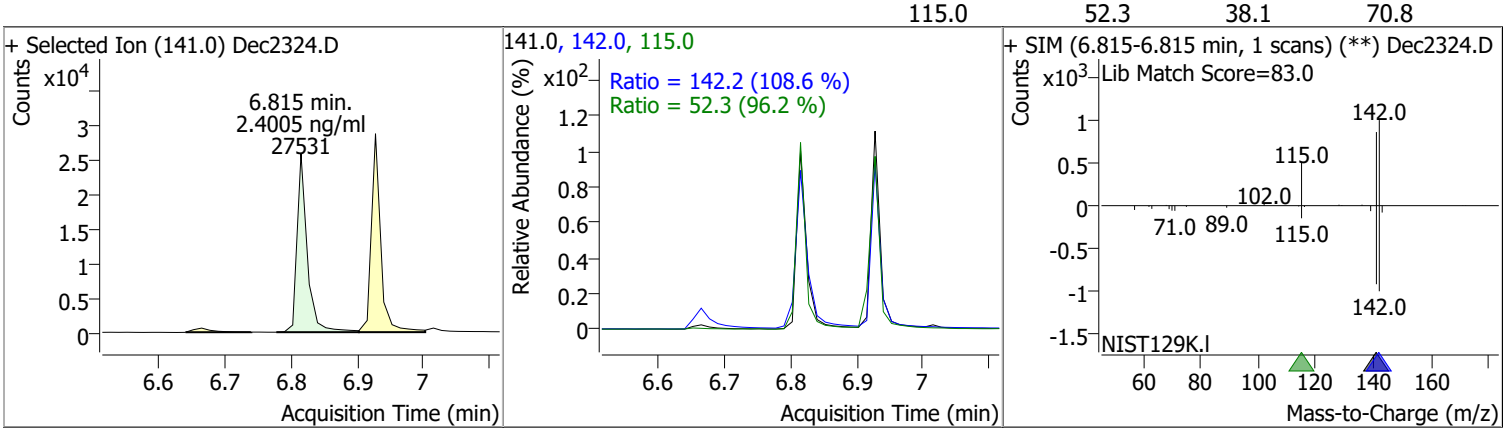
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Nitrobenzene-d5 | 2.1258 | 5.13 | 0.00 | 11677 | 54.0 | 35.9 | 26.3 | 48.8 |
| | | | | | 128.0 | 22.8 | 21.4 | 39.8 |



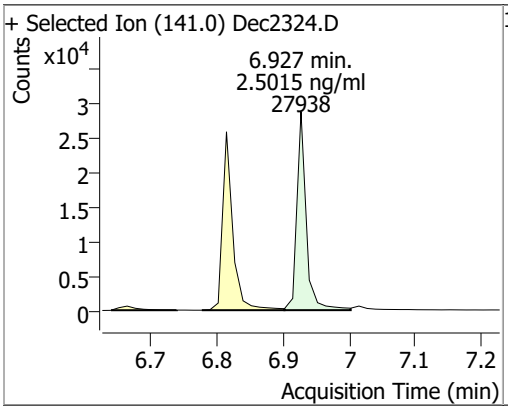

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Naphthalene | 2.4184 | 5.98 | 0.00 | 45684 | 102.0 | 14.0 | 0.0 | 37.7 |
| | | | | | 129.0 | 11.3 | 7.9 | 14.7 |

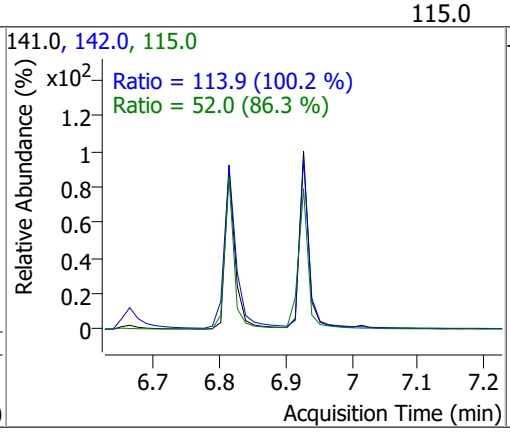


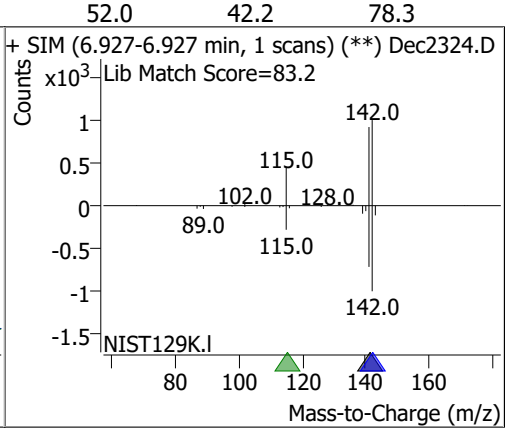

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 2.4005 | 6.81 | 0.00 | 27531 | 142.0 | 142.2 | 91.7 | 170.2 |
| | | | | | 115.0 | 52.3 | 38.1 | 70.8 |



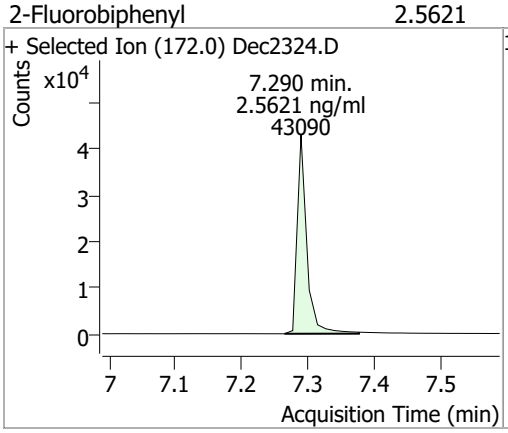
| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | 2.5015 | 6.93 | 0.00 | 27938 | 142.0 | 113.9 | 79.6 | 147.8 |
| | | | | | 115.0 | 52.0 | 42.2 | 78.3 |

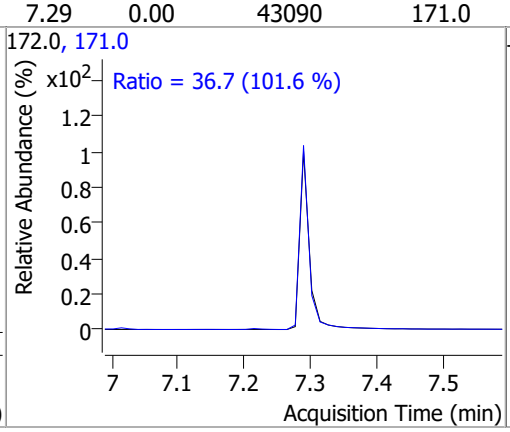


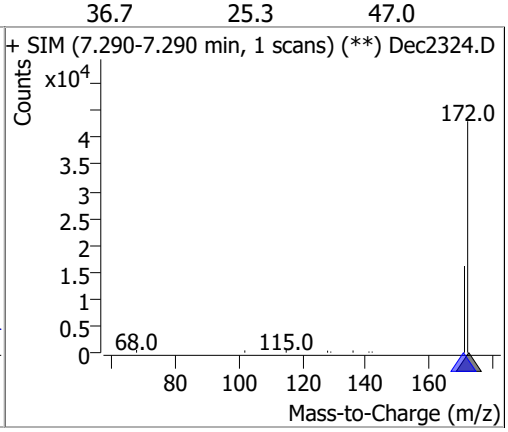



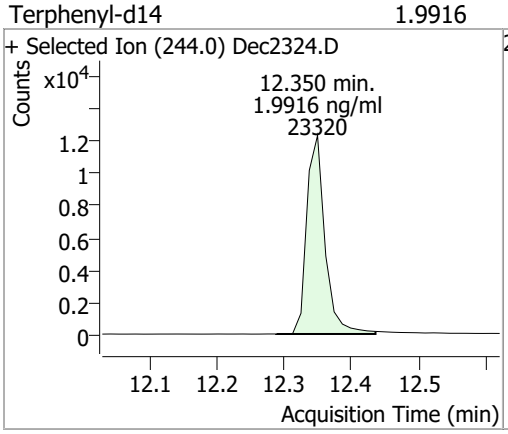

| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl | 2.5621 | 7.29 | 0.00 | 43090 | 171.0 | 36.7 | 25.3 | 47.0 |

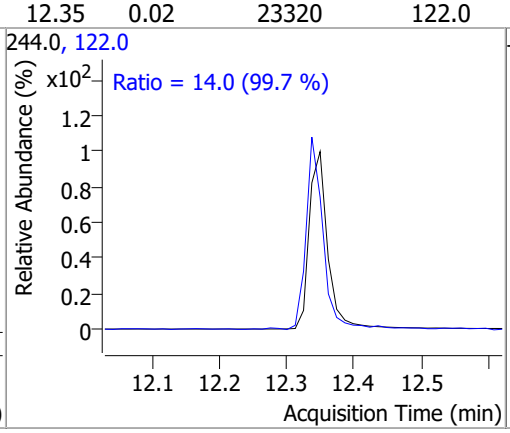


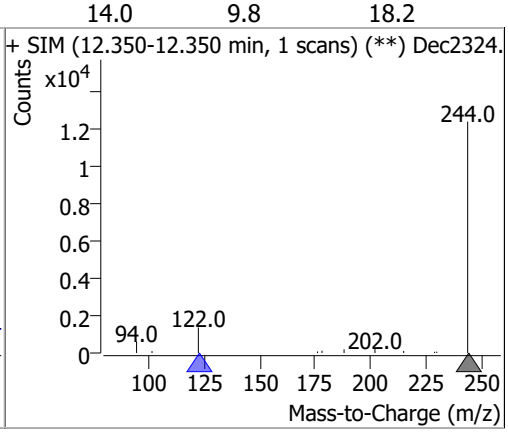




| Compound | Conc. | RT | Dev(Min) | Resp. | QIon | QRatio | Lower | Upper |
|---|---|---|---|---|---|---|---|---|
| Terphenyl-d14 | 1.9916 | 12.35 | 0.02 | 23320 | 122.0 | 14.0 | 9.8 | 18.2 |



# Continuing Calibration Report

Agilent | Trusted Answers

| | |
|---|---|
| **Batch Name** | \\MASSHUNTER\Org\Data\SV5975.I\Old Data\2021 Data\sh122321\1 e8270d bna SIM\QuantResults\122321 bna SIM 1.batch.bin |
| **Method File** | \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\122021 bna SIM 1.batch.bin |
| **Daily CC** | \\MASSHUNTER\Org\Data\SV5975.I\sh122321\1 e8270d bna SIMDec2302.D |

| Level name | Injection Time | Calibration Files |
|---|---|---|
| 7 | 12/20/2021 4:06:47 PM | \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2002.D |
| 6 | 12/20/2021 4:39:23 PM | \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2003.D |
| 5 | 12/20/2021 5:12:01 PM | \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2004.D |
| 4 | 12/20/2021 5:44:45 PM | \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2005.D |
| 3 | 12/20/2021 6:17:20 PM | \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2006.D |
| 2 | 12/20/2021 6:50:00 PM | \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2007.D |
| 1 | 12/20/2021 7:22:32 PM | \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2008.D |
| CCV | 12/23/2021 10:50:13 AM | \\MASSHUNTER\Org\Data\SV5975.I\Old Data\2021 Data\sh122321\1 e8270d bna SIM\Dec2302.D <====== |

| ISTD Compound: | Avg Resp | Mid Resp | CC Resp | Area% | A/M |
|---|---|---|---|---|---|
| 1,4-Dichlorobenzene-d4 | 390123 | 398641 | 400829 | 100.55 | M |
| Naphthalene-d8 | 758376 | 774684 | 703062 | 90.75 | M |
| Acenaphthene-d10 | 465605 | 459222 | 423833 | 92.29 | M |
| Chrysene-d12 | 657596 | 665532 | 629911 | 94.65 | M |

| Target Compound | AvgRF/R2 | CC RF | Exp. Conc | Calc. Conc | %Dev | Area% | Curve Fit |
|---|---|---|---|---|---|---|---|
| 1,4-Dichlorobenzene-d4 | ----------ISTD---------- | | | | | | |
| Nitrobenzene-d5 | 0.9992 | 0.5826 | 2.00 | 2.13 | -6.29 | 112.08 | Quadratic |
| Naphthalene-d8 | ----------ISTD---------- | | | | | | |
| Naphthalene | 0.9990 | 1.2996 | 2.00 | 2.42 | -20.92 # | 107.82 | Quadratic |
| 2-Methylnaphthalene | 0.9985 | 0.7832 | 2.00 | 2.40 | -20.02 # | 108.61 | Quadratic |
| 1-Methylnaphthalene | 0.9994 | 0.7948 | 2.00 | 2.50 | -25.08 # | 113.88 | Quadratic |
| Acenaphthene-d10 | ----------ISTD---------- | | | | | | |
| 2-Fluorobiphenyl | 0.9995 | 2.0333 | 2.00 | 2.56 | -28.11 # | 113.14 | Quadratic |
| Chrysene-d12 | ----------ISTD---------- | | | | | | |
| Terphenyl-d14 | 0.7435 | 0.7404 | 2.00 | 1.99 | -0.42 | 101.12 | Avg RF |

**A -- against Average; M -- against Mid Point; P -- against Previous CC in the Method;**

# Continuing Calibration Report

Agilent | Trusted Answers

| | |
|---|---|
| **Batch Name** | \\MASSHUNTER\Org\Data\SV5975.I\Old Data\2021 Data\sh122321\1 e8270d bna SIM\QuantResults\122321 bna SIM 1.batch.bin |
| **Method File** | \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\122021 bna SIM 1.batch.bin |
| **Daily CC** | \\MASSHUNTER\Org\Data\SV5975.I\sh122321\1 e8270d bna SIMDec2324.D |

| Level name | Injection Time | Calibration Files |
|---|---|---|
| 7 | 12/20/2021 4:06:47 PM | \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2002.D |
| 6 | 12/20/2021 4:39:23 PM | \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2003.D |
| 5 | 12/20/2021 5:12:01 PM | \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2004.D |
| 4 | 12/20/2021 5:44:45 PM | \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2005.D |
| 3 | 12/20/2021 6:17:20 PM | \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2006.D |
| 2 | 12/20/2021 6:50:00 PM | \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2007.D |
| 1 | 12/20/2021 7:22:32 PM | \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\Dec2008.D |
| CCV | 12/23/2021 10:51:31 PM | \\MASSHUNTER\Org\Data\SV5975.I\Old Data\2021 Data\sh122321\1 e8270d bna SIM\Dec2324.D <====== |

| ISTD Compound: | Avg Resp | Mid Resp | CC Resp | Area% | A/M |
|---|---|---|---|---|---|
| 1,4-Dichlorobenzene-d4 | 390123 | 398641 | 400829 | 100.55 | M |
| Naphthalene-d8 | 758376 | 774684 | 703062 | 90.75 | M |
| Acenaphthene-d10 | 465605 | 459222 | 423833 | 92.29 | M |
| Chrysene-d12 | 657596 | 665532 | 629911 | 94.65 | M |

| Target Compound | AvgRF/R2 | CC RF | Exp. Conc | Calc. Conc | %Dev | Area% | Curve Fit |
|---|---|---|---|---|---|---|---|
| 1,4-Dichlorobenzene-d4 | ----------ISTD---------- | | | | | | |
| Nitrobenzene-d5 | 0.9992 | 0.5826 | 2.00 | 2.13 | -6.29 | 112.08 | Quadratic |
| Naphthalene-d8 | ----------ISTD---------- | | | | | | |
| Naphthalene | 0.9990 | 1.2996 | 2.00 | 2.42 | -20.92 # | 107.82 | Quadratic |
| 2-Methylnaphthalene | 0.9985 | 0.7832 | 2.00 | 2.40 | -20.02 # | 108.61 | Quadratic |
| 1-Methylnaphthalene | 0.9994 | 0.7948 | 2.00 | 2.50 | -25.08 # | 113.88 | Quadratic |
| Acenaphthene-d10 | ----------ISTD---------- | | | | | | |
| 2-Fluorobiphenyl | 0.9995 | 2.0333 | 2.00 | 2.56 | -28.11 # | 113.14 | Quadratic |
| Chrysene-d12 | ----------ISTD---------- | | | | | | |
| Terphenyl-d14 | 0.7435 | 0.7404 | 2.00 | 1.99 | -0.42 | 101.12 | Avg RF |

**A -- against Average; M -- against Mid Point; P -- against Previous CC in the Method;**

**Batch name and path:** \\MASSHUNTER\Org\Data\SV5975.I\Old Data\2021 Data\sh122321\1 e8270d bna SIM\QuantResults\122321 bna SIM 1.batch.bin
**Quant batch version:** 10.0
**Quant reporting version:** 10.0

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdNewBatchTable | BL2000\jheine | 12/23/2021 11:09:55 AM | Create new batch \\MASSHUNTER\Org\Data\SV5975.I\sh122321\1 e8270d bna SIM\122321 bna SIM 1.batch.bin | | | ✓ | |
| CmdImportSamplesFromWorklist | BL2000\jheine | 12/23/2021 11:10:00 AM | Add samples from worklist: \\MASSHUNTER\Org\Data\SV5975.I\sh122321\1 e8270d bna SIM\Dec2301.D | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/23/2021 11:10:06 AM | Set SampleType = TuneCheck for sample Dec2301.D; previous value = Sample | | | ✓ | |
| CmdSaveBatchTable | BL2000\jheine | 12/23/2021 11:10:54 AM | Save batch \\MASSHUNTER\Org\Data\SV5975.I\sh122321\1 e8270d bna SIM\QuantResults\122321 bna SIM 1.batch.bin | | | ✓ | |
| CmdImportSamplesFromWorklist | BL2000\jheine | 12/23/2021 11:13:23 AM | Add samples from worklist: \\MASSHUNTER\Org\Data\SV5975.I\sh122321\1 e8270d bna SIM\Dec2302.D | | | ✓ | |
| CmdStartMethodEditing | BL2000\jheine | 12/23/2021 11:13:50 AM | Start method editing | | | ✓ | |
| CmdImportMethodFromBatch | BL2000\jheine | 12/23/2021 11:13:51 AM | Import method from batch \\MASSHUNTER\Org\Data\SV5975.I\sh122021\1 e8270d bna SIM\122021 bna SIM 1.batch.bin | | | ✓ | |
| CmdApplyMethodToAllSamples | BL2000\jheine | 12/23/2021 11:13:56 AM | Apply method to all samples | | | ✓ | |
| CmdMethodClear | BL2000\jheine | 12/23/2021 11:13:56 AM | Clear method | | | ✓ | |
| CmdEndMethodEditing | BL2000\jheine | 12/23/2021 11:13:56 AM | End method editing | | | ✓ | |
| CmdQuantitate | BL2000\jheine | 12/23/2021 11:13:58 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/23/2021 11:14:04 AM | Set SampleType = CC for sample Dec2302.D; previous value = Sample | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/23/2021 11:14:06 AM | Set LevelName = CCV for sample Dec2302.D; previous value = | | | ✓ | |
| CmdQuantitate | BL2000\jheine | 12/23/2021 11:14:08 AM | Quantitate all compounds in sample Dec2302.D | | | ✓ | |
| CmdManuallyIntegrateSplit | BL2000\jheine | 12/23/2021 11:14:30 AM | Split peak for compound 2-Methylnaphthalene in sample Dec2302.D and keep left peak, new integration is from x, y = 6.740, 241.251893939394 to 6.902, 241.251893939394 and new response = 29509, previous integration is from x, y = 6.740, 241 to 7.002, 241 and previous response = 57707. | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/23/2021 11:14:32 AM | Set UserAnnotation = CO for compound 2-Methylnaphthalene in sample Dec2302.D; previous value = | | | ✓ | |
| CmdManuallyIntegrateSplit | BL2000\jheine | 12/23/2021 11:14:38 AM | Split peak for compound 1-Methylnaphthalene in sample Dec2302.D and keep right peak, new integration is from x, y = 6.902, 241.251893939394 to 7.002, 241.251893939394 and new response = 28198, previous integration is from x, y = 6.740, 241 to 7.002, 241 and previous response = 57707. | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/23/2021 11:14:40 AM | Set UserAnnotation = CO for compound 1-Methylnaphthalene in sample Dec2302.D; previous value = | | | ✓ | |
| CmdSelectPeak | BL2000\jheine | 12/23/2021 11:15:26 AM | Select peak for compound Benzo(k)fluoranthene in sample Dec2302.D | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\jheine | 12/23/2021 11:15:41 AM | Manually integrate qualifier 277.0 of compound Benzo(g,h,i)perylene in sample Dec2302.D, from x, y = 20.563, 485 to 20.760, 789, result = 2028; previous integration is from x, y = 20.567, 397 to 20.748, 327 and previous response = 5215. | | | ✓ | |
| CmdManuallyIntegrateSnapBaseline | BL2000\jheine | 12/23/2021 11:15:43 AM | Snap baseline for qualifier 277.0 of compound Benzo(g,h,i)perylene in sample Dec2302.D from x = 20.563 to x = 20.760, new integration is from x, y = 20.563, 204 to 20.760, 332 and new response = 6403; previous integration is from x, y = 20.563, 485 to 20.760, 789 and previous response = 2028. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/23/2021 11:15:44 AM | Drop baseline for qualifier 277.0 of compound Benzo(g,h,i)perylene in sample Dec2302.D to y = 204, new integration is from x, y = 20.563, 204 to 20.760, 204 and new response = 7162; previous integration is from x, y = 20.563, 204 to 20.760, 332 and previous response = 6403. | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdUpdateRetentionTimes | BL2000\jheine | 12/23/2021 11:15:51 AM | Update retention time for compound Perylene-d12; Chrysene-d12; Phenanthrene-d10; Acenaphthene-d10; Naphthalene-d8; 1,4-Dichlorobenzene-d4; o-Terphenyl; Terphenyl-d14; 2-Fluorobiphenyl; Nitrobenzene-d5; Dibenzo(a,h)anthracene; Indeno(1,2,3-cd)pyrene; Benzo(a)pyrene; Benzo(k)fluoranthene; Benzo(b)fluoranthene; Chrysene; Benzo(a)Anthracene; Pyrene; Fluoranthene; Anthracene; Phenanthrene; Fluorene; Acenaphthene; Acenaphthylene; 1-Methylnaphthalene; 2-Methylnaphthalene; Naphthalene; Benzo(g,h,i)perylene; | | | ✓ | |
| CmdQuantitate | BL2000\jheine | 12/23/2021 11:15:57 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSaveBatchTable | BL2000\jheine | 12/23/2021 11:16:01 AM | Save batch \\MASSHUNTER\Org\Data\SV5975.I\sh 122321\1 e8270d bna SIM\QuantResults\122321 bna SIM 1.batch.bin | | | ✓ | |
| CmdSaveBatchTable | BL2000\jheine | 12/23/2021 11:16:16 AM | Save batch \\MASSHUNTER\Org\Data\SV5975.I\sh 122321\1 e8270d bna SIM\QuantResults\122321 bna SIM 1.batch.bin | | | ✓ | |
| CmdOpenBatchTable | BL2000\jheine | 12/27/2021 8:24:46 AM | Open batch \\MASSHUNTER\Org\Data\SV5975.I\sh 122321\1 e8270d bna SIM\122321 bna SIM 1.batch.bin | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdImportSamplesFromWorklist | BL2000\jheine | 12/27/2021 8:25:55 AM | Add samples from worklist: \\MASSHUNTER\Org\Data\SV5975.I\sh 122321\1 e8270d bna SIM\Dec2324.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122321\1 e8270d bna SIM\Dec2323.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122321\1 e8270d bna SIM\Dec2322.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122321\1 e8270d bna SIM\Dec2321.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122321\1 e8270d bna SIM\Dec2320.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122321\1 e8270d bna SIM\Dec2319.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122321\1 e8270d bna SIM\Dec2318.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122321\1 e8270d bna SIM\Dec2317.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122321\1 e8270d bna SIM\Dec2316.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122321\1 e8270d bna SIM\Dec2315.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122321\1 e8270d bna SIM\Dec2314.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122321\1 e8270d bna SIM\Dec2313.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122321\1 e8270d bna SIM\Dec2312.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122321\1 e8270d bna SIM\Dec2311.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122321\1 e8270d bna SIM\Dec2310.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122321\1 e8270d bna SIM\Dec2309.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122321\1 e8270d bna SIM\Dec2308.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122321\1 e8270d bna SIM\Dec2307.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122321\1 e8270d bna SIM\Dec2306.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122321\1 e8270d bna SIM\Dec2305.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122321\1 e8270d bna SIM\Dec2304.D, \\MASSHUNTER\Org\Data\SV5975.I\sh 122321\1 e8270d bna SIM\Dec2303.D | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/27/2021 8:26:04 AM | Set SampleType = Blank for sample Dec2304.D; previous value = Sample | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/27/2021 8:26:07 AM | Set SampleType = Blank for sample Dec2305.D; previous value = Sample | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/27/2021 8:26:15 AM | Set SampleType = CC for sample Dec2324.D; previous value = Sample | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 12/27/2021 8:26:19 AM | Set LevelName = CCV for sample Dec2324.D; previous value = | | | ✓ | |
| CmdQuantitate | BL2000\jheine | 12/27/2021 8:26:39 AM | Quantitate all compounds in all samples | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdManuallyIntegratePeak | BL2000\jheine | 12/27/2021 8:27:01 AM | Manually integrate compound Benzo(a)pyrene in sample Dec2303.D, from x, y = 18.401, 95 to 18.450, 114, result = 153; previous integration is from x, y = 18.487, 77 to 18.660, 80 and previous response = 2756. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:27:02 AM | Drop baseline for compound Benzo(a)pyrene in sample Dec2303.D to y = 95, new integration is from x, y = 18.401, 95 to 18.450, 95 and new response = 181; previous integration is from x, y = 18.401, 95 to 18.450, 114 and previous response = 153. | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:27:04 AM | Zero out primary peak of compound Benzo(a)pyrene in sample Dec2303.D | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/27/2021 8:27:10 AM | Manually integrate compound Acenaphthene in sample Dec2303.D, from x, y = 8.063, 238 to 8.125, 107, result = 168; previous integration is from x, y = 8.001, 107 to 8.125, 107 and previous response = 2638. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:27:11 AM | Drop baseline for compound Acenaphthene in sample Dec2303.D to y = 107, new integration is from x, y = 8.063, 107 to 8.125, 107 and new response = 413; previous integration is from x, y = 8.063, 238 to 8.125, 107 and previous response = 168. | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:27:12 AM | Zero out primary peak of compound Acenaphthene in sample Dec2303.D | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/27/2021 8:27:18 AM | Manually integrate compound Chrysene in sample Dec2303.D, from x, y = 14.838, 386 to 15.000, 300, result = -1183; previous integration is from x, y = 14.702, 72 to 14.838, 77 and previous response = 3409. | | | ✓ | |
| CmdManuallyIntegrateSnapBaseline | BL2000\jheine | 12/27/2021 8:27:19 AM | Snap baseline for compound Chrysene in sample Dec2303.D, from x = 14.838 to x = 15.000, new integration is from x, y = 14.838, 288 to 15.000, 107 and new response = 231; previous integration is from x, y = 14.838, 386 to 15.000, 300 and previous response = -1183. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:27:19 AM | Drop baseline for compound Chrysene in sample Dec2303.D to y = 107, new integration is from x, y = 14.838, 107 to 15.000, 107 and new response = 1109; previous integration is from x, y = 14.838, 288 to 15.000, 107 and previous response = 231. | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:27:22 AM | Zero out primary peak of compound Chrysene in sample Dec2303.D | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdManuallyIntegratePeak | BL2000\jheine | 12/27/2021 8:27:46 AM | Manually integrate compound Terphenyl-d14 in sample Dec2303.D, from x, y = 12.300, 83 to 12.411, 84, result = 678; previous integration is from x, y = 12.263, 65 to 12.461, 67 and previous response = 906. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:27:48 AM | Drop baseline for compound Terphenyl-d14 in sample Dec2303.D to y = 83, new integration is from x, y = 12.300, 83 to 12.411, 83 and new response = 683; previous integration is from x, y = 12.300, 83 to 12.411, 84 and previous response = 678. | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/27/2021 8:27:49 AM | Set UserAnnotation = BA for compound Terphenyl-d14 in sample Dec2303.D; previous value = | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/27/2021 8:27:52 AM | Manually integrate compound Terphenyl-d14 in sample Dec2303.D, from x, y = 12.559, 252 to 12.559, 258, result = 0; previous integration is from x, y = 12.300, 83 to 12.411, 83 and previous response = 683. | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:27:52 AM | Zero out primary peak of compound Terphenyl-d14 in sample Dec2303.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:27:55 AM | Zero out primary peak of compound Indeno(1,2,3-cd)pyrene in sample Dec2303.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:27:56 AM | Zero out primary peak of compound Anthracene in sample Dec2303.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:27:58 AM | Zero out primary peak of compound Benzo(a)Anthracene in sample Dec2303.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:28:06 AM | Zero out primary peak of compound Fluorene in sample Dec2304.D | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/27/2021 8:28:12 AM | Manually integrate compound Benzo(a)pyrene in sample Dec2304.D, from x, y = 18.400, 112 to 18.462, 138, result = -111; previous integration is from x, y = 18.499, 83 to 18.660, 84 and previous response = 2797. | | | ✓ | |
| CmdManuallyIntegrateSnapBaseline | BL2000\jheine | 12/27/2021 8:28:13 AM | Snap baseline for compound Benzo(a)pyrene in sample Dec2304.D, from x = 18.400 to x = 18.462, new integration is from x, y = 18.400, 85 to 18.462, 80 and new response = 47; previous integration is from x, y = 18.400, 112 to 18.462, 138 and previous response = -111. | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:28:14 AM | Drop baseline for compound Benzo(a)pyrene in sample Dec2304.D to y = 80, new integration is from x, y = 18.400, 80 to 18.462, 80 and new response = 57; previous integration is from x, y = 18.400, 85 to 18.462, 80 and previous response = 47. | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:28:15 AM | Zero out primary peak of compound Benzo(a)pyrene in sample Dec2304.D | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/27/2021 8:28:22 AM | Manually integrate compound Acenaphthene in sample Dec2304.D, from x, y = 8.063, 364 to 8.100, 110, result = -166; previous integration is from x, y = 8.013, 110 to 8.100, 110 and previous response = 2556. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:28:23 AM | Drop baseline for compound Acenaphthene in sample Dec2304.D to y = 110, new integration is from x, y = 8.063, 110 to 8.100, 110 and new response = 119; previous integration is from x, y = 8.063, 364 to 8.100, 110 and previous response = -166. | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:28:25 AM | Zero out primary peak of compound Acenaphthene in sample Dec2304.D | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/27/2021 8:28:31 AM | Manually integrate compound Chrysene in sample Dec2304.D, from x, y = 14.838, 142 to 14.963, 71, result = 558; previous integration is from x, y = 14.714, 71 to 14.963, 71 and previous response = 3914. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:28:32 AM | Drop baseline for compound Chrysene in sample Dec2304.D to y = 71, new integration is from x, y = 14.838, 71 to 14.963, 71 and new response = 825; previous integration is from x, y = 14.838, 142 to 14.963, 71 and previous response = 558. | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:28:34 AM | Zero out primary peak of compound Chrysene in sample Dec2304.D | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/27/2021 8:28:39 AM | Manually integrate compound Benzo(a)Anthracene in sample Dec2304.D, from x, y = 14.714, 71 to 14.826, 157, result = 2666; previous integration is from x, y = 14.714, 71 to 14.963, 71 and previous response = 3914. | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/27/2021 8:28:43 AM | Manually integrate compound Benzo(a)Anthracene in sample Dec2304.D, from x, y = 14.714, 71 to 14.838, 141, result = 2826; previous integration is from x, y = 14.714, 71 to 14.826, 157 and previous response = 2666. | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdManuallyIntegrate DropBaseline | BL2000\jheine | 12/27/2021 8:28:44 AM | Drop baseline for compound Benzo(a)Anthracene in sample Dec2304.D to y = 71, new integration is from x, y = 14.714, 71 to 14.838, 71 and new response = 3089; previous integration is from x, y = 14.714, 71 to 14.838, 141 and previous response = 2826. | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:28:45 AM | Zero out primary peak of compound Benzo(a)Anthracene in sample Dec2304.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:29:01 AM | Zero out primary peak of compound Benzo(a)pyrene in sample Dec2305.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:29:03 AM | Zero out primary peak of compound Acenaphthene in sample Dec2305.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:29:04 AM | Zero out primary peak of compound Chrysene in sample Dec2305.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:29:05 AM | Zero out primary peak of compound Anthracene in sample Dec2305.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:29:06 AM | Zero out primary peak of compound Indeno(1,2,3-cd)pyrene in sample Dec2305.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:29:07 AM | Zero out primary peak of compound Benzo(a)Anthracene in sample Dec2305.D | | | ✓ | |
| CmdManuallyIntegrate QualifierPeak | BL2000\jheine | 12/27/2021 8:29:27 AM | Manually integrate qualifier 142.0 of compound 2-Methylnaphthalene in sample Dec2306.D, from x, y = 6.790, 3973 to 6.902, 104, result = 39966; previous integration is from x, y = 6.752, 104 to 6.902, 104 and previous response = 66232. | | | ✓ | |
| CmdManuallyIntegrate DropBaseline | BL2000\jheine | 12/27/2021 8:29:29 AM | Drop baseline for qualifier 142.0 of compound 2-Methylnaphthalene in sample Dec2306.D to y = 104, new integration is from x, y = 6.790, 104 to 6.902, 104 and new response = 53014; previous integration is from x, y = 6.790, 3973 to 6.902, 104 and previous response = 39966. | | | ✓ | |
| CmdSelectPeak | BL2000\jheine | 12/27/2021 8:30:05 AM | Select peak for compound Dibenzo(a,h)anthracene in sample Dec2306.D | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/27/2021 8:30:08 AM | Set UserAnnotation = NI for compound Dibenzo(a,h)anthracene in sample Dec2306.D; previous value = | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/27/2021 8:30:14 AM | Set UserAnnotation = RT for compound Dibenzo(a,h)anthracene in sample Dec2306.D; previous value = NI | | | ✓ | |
| CmdSelectPeak | BL2000\jheine | 12/27/2021 8:30:33 AM | Select peak for compound Dibenzo(a,h)anthracene in sample Dec2302.D | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdUpdateRetentionTimes | BL2000\jheine | 12/27/2021 8:30:46 AM | Update retention time for compound Perylene-d12; Chrysene-d12; Phenanthrene-d10; Acenaphthene-d10; Naphthalene-d8; 1,4-Dichlorobenzene-d4; o-Terphenyl; Terphenyl-d14; 2-Fluorobiphenyl; Nitrobenzene-d5; Benzo(g,h,i)perylene; Indeno(1,2,3-cd)pyrene; Benzo(a)pyrene; Benzo(k)fluoranthene; Benzo(b)fluoranthene; Chrysene; Benzo(a)Anthracene; Pyrene; Fluoranthene; Anthracene; Phenanthrene; Fluorene; Acenaphthene; Acenaphthylene; 1-Methylnaphthalene; 2-Methylnaphthalene; Naphthalene; Dibenzo(a,h)anthracene; | | | ✓ | |
| CmdQuantitate | BL2000\jheine | 12/27/2021 8:30:59 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdClearManualIntegration | BL2000\jheine | 12/27/2021 8:31:29 AM | Clear manual integration of target signal for compound Dibenzo(a,h)anthracene in sample Dec2306.D | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/27/2021 8:31:29 AM | Set UserAnnotation =  for compound Dibenzo(a,h)anthracene in sample Dec2306.D; previous value = RT | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\jheine | 12/27/2021 8:31:49 AM | Manually integrate qualifier129.0 of compound Naphthalene in sample Dec2307.D from x, y = 5.928, 466 to 6.053, 1649; result = 682 | | | ✓ | |
| CmdManuallyIntegrateSnapBaseline | BL2000\jheine | 12/27/2021 8:31:51 AM | Snap baseline for qualifier 129.0 of compound Naphthalene in sample Dec2307.D from x = 5.928 to x = 6.053, new integration is from x, y = 5.928, 174 to 6.053, 202 and new response = 7199; previous integration is from x, y = 5.928, 466 to 6.053, 1649 and previous response = 682. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:31:52 AM | Drop baseline for qualifier 129.0 of compound Naphthalene in sample Dec2307.D to y = 174, new integration is from x, y = 5.928, 174 to 6.053, 174 and new response = 7304; previous integration is from x, y = 5.928, 174 to 6.053, 202 and previous response = 7199. | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/27/2021 8:32:02 AM | Manually integrate compound 2-Methylnaphthalene in sample Dec2307.D, from x, y = 6.790, 4928 to 6.890, 5071, result = 10544;  previous integration is from x, y = 6.727, 144 to 7.002, 144 and previous response = 80641. | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdManuallyIntegrateSnapBaseline | BL2000\jheine | 12/27/2021 8:32:04 AM | Snap baseline for compound 2-Methylnaphthalene in sample Dec2307.D, from x = 6.790 to x = 6.890, new integration is from x, y = 6.790, 783 to 6.890, 521 and new response = 36606; previous integration is from x, y = 6.790, 4928 to 6.890, 5071 and previous response = 10544. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:32:05 AM | Drop baseline for compound 2-Methylnaphthalene in sample Dec2307.D to y = 521, new integration is from x, y = 6.790, 521 to 6.890, 521 and new response = 37391; previous integration is from x, y = 6.790, 783 to 6.890, 521 and previous response = 36606. | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/27/2021 8:32:09 AM | Set UserAnnotation = CO for compound 2-Methylnaphthalene in sample Dec2307.D; previous value = | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\jheine | 12/27/2021 8:32:12 AM | Manually integrate qualifier 142.0 of compound 2-Methylnaphthalene in sample Dec2307.D, from x, y = 6.790, 3257 to 6.902, 106, result = 45336; previous integration is from x, y = 6.752, 106 to 6.902, 106 and previous response = 70545. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:32:13 AM | Drop baseline for qualifier 142.0 of compound 2-Methylnaphthalene in sample Dec2307.D to y = 106, new integration is from x, y = 6.790, 106 to 6.902, 106 and new response = 55962; previous integration is from x, y = 6.790, 3257 to 6.902, 106 and previous response = 45336. | | | ✓ | |
| CmdManuallyIntegrateSplit | BL2000\jheine | 12/27/2021 8:32:20 AM | Split peak for compound 1-Methylnaphthalene in sample Dec2307.D and keep right peak, new integration is from x, y = 6.902, 143.8 to 7.002, 143.8 and new response = 39005, previous integration is from x, y = 6.727, 144 to 7.002, 144 and previous response = 80641. | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/27/2021 8:32:21 AM | Set UserAnnotation = CO for compound 1-Methylnaphthalene in sample Dec2307.D; previous value = | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:33:05 AM | Zero out primary peak of compound Fluorene in sample Dec2308.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:33:08 AM | Zero out primary peak of compound Benzo(a)pyrene in sample Dec2308.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:33:10 AM | Zero out primary peak of compound Acenaphthene in sample Dec2308.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:33:12 AM | Zero out primary peak of compound Chrysene in sample Dec2308.D | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:33:14 AM | Zero out primary peak of compound Benzo(a)Anthracene in sample Dec2308.D | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/27/2021 8:33:30 AM | Manually integrate compound Benzo(a)pyrene in sample Dec2309.D, from x, y = 18.413, 204 to 18.499, 491, result = -1049; previous integration is from x, y = 18.512, 85 to 18.635, 87 and previous response = 3060. | | | ✓ | |
| CmdManuallyIntegrateSnapBaseline | BL2000\jheine | 12/27/2021 8:33:31 AM | Snap baseline for compound Benzo(a)pyrene in sample Dec2309.D, from x = 18.413 to x = 18.499, new integration is from x, y = 18.413, 88 to 18.499, 99 and new response = 267; previous integration is from x, y = 18.413, 204 to 18.499, 491 and previous response = -1049. | | | ✓ | |
| CmdManuallyIntegrate DropBaseline | BL2000\jheine | 12/27/2021 8:33:31 AM | Drop baseline for compound Benzo(a)pyrene in sample Dec2309.D to y = 88, new integration is from x, y = 18.413, 88 to 18.499, 88 and new response = 295; previous integration is from x, y = 18.413, 88 to 18.499, 99 and previous response = 267. | | | ✓ | |
| CmdManuallyIntegrate QualifierPeak | BL2000\jheine | 12/27/2021 8:33:34 AM | Manually integrate qualifier253.0 of compound Benzo(a)pyrene in sample Dec2309.D from x, y = 18.413, 133 to 18.499, 232; result = -419 | | | ✓ | |
| CmdManuallyIntegrateSnapBaseline | BL2000\jheine | 12/27/2021 8:33:35 AM | Snap baseline for qualifier 253.0 of compound Benzo(a)pyrene in sample Dec2309.D from x = 18.413 to x = 18.499, new integration is from x, y = 18.413, 85 to 18.499, 90 and new response = 76; previous integration is from x, y = 18.413, 133 to 18.499, 232 and previous response = -419. | | | ✓ | |
| CmdManuallyIntegrate DropBaseline | BL2000\jheine | 12/27/2021 8:33:36 AM | Drop baseline for qualifier 253.0 of compound Benzo(a)pyrene in sample Dec2309.D to y = 85, new integration is from x, y = 18.413, 85 to 18.499, 85 and new response = 89; previous integration is from x, y = 18.413, 85 to 18.499, 90 and previous response = 76. | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:33:41 AM | Zero out primary peak of compound Benzo(a)pyrene in sample Dec2309.D | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/27/2021 8:33:46 AM | Manually integrate compound Acenaphthene in sample Dec2309.D, from x, y = 8.063, 635 to 8.125, 109, result = -510; previous integration is from x, y = 8.013, 109 to 8.125, 109 and previous response = 2728. | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdManuallyIntegrate DropBaseline | BL2000\jheine | 12/27/2021 8:33:47 AM | Drop baseline for compound Acenaphthene in sample Dec2309.D to y = 109, new integration is from x, y = 8.063, 109 to 8.125, 109 and new response = 473; previous integration is from x, y = 8.063, 635 to 8.125, 109 and previous response = -510. | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:33:49 AM | Zero out primary peak of compound Acenaphthene in sample Dec2309.D | | | ✓ | |
| CmdManuallyIntegrateP eak | BL2000\jheine | 12/27/2021 8:33:55 AM | Manually integrate compound Chrysene in sample Dec2309.D, from x, y = 14.851, 320 to 14.975, 343, result = -978; previous integration is from x, y = 14.733, 72 to 14.851, 74 and previous response = 3285. | | | ✓ | |
| CmdManuallyIntegrateS napBaseline | BL2000\jheine | 12/27/2021 8:33:56 AM | Snap baseline for compound Chrysene in sample Dec2309.D, from x = 14.851 to x = 14.975, new integration is from x, y = 14.851, 214 to 14.975, 99 and new response = 332; previous integration is from x, y = 14.851, 320 to 14.975, 343 and previous response = -978. | | | ✓ | |
| CmdManuallyIntegrate DropBaseline | BL2000\jheine | 12/27/2021 8:33:57 AM | Drop baseline for compound Chrysene in sample Dec2309.D to y = 99, new integration is from x, y = 14.851, 99 to 14.975, 99 and new response = 761; previous integration is from x, y = 14.851, 214 to 14.975, 99 and previous response = 332. | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:33:58 AM | Zero out primary peak of compound Chrysene in sample Dec2309.D | | | ✓ | |
| CmdManuallyIntegrateP eak | BL2000\jheine | 12/27/2021 8:34:05 AM | Manually integrate compound Anthracene in sample Dec2309.D, from x, y = 9.879, 218 to 9.953, 267, result = 200; previous integration is from x, y = 9.760, 129 to 9.928, 129 and previous response = 1977. | | | ✓ | |
| CmdManuallyIntegrateS napBaseline | BL2000\jheine | 12/27/2021 8:34:07 AM | Snap baseline for compound Anthracene in sample Dec2309.D, from x = 9.879 to x = 9.953, new integration is from x, y = 9.879, 174 to 9.953, 150 and new response = 558; previous integration is from x, y = 9.879, 218 to 9.953, 267 and previous response = 200. | | | ✓ | |
| CmdManuallyIntegrate DropBaseline | BL2000\jheine | 12/27/2021 8:34:07 AM | Drop baseline for compound Anthracene in sample Dec2309.D to y = 150, new integration is from x, y = 9.879, 150 to 9.953, 150 and new response = 611; previous integration is from x, y = 9.879, 174 to 9.953, 150 and previous response = 558. | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:34:08 AM | Zero out primary peak of compound Anthracene in sample Dec2309.D | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:34:12 AM | Zero out primary peak of compound Indeno(1,2,3-cd)pyrene in sample Dec2309.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:34:13 AM | Zero out primary peak of compound Phenanthrene in sample Dec2309.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:34:14 AM | Zero out primary peak of compound Benzo(a)Anthracene in sample Dec2309.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:34:26 AM | Zero out primary peak of compound Benzo(a)pyrene in sample Dec2310.D | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/27/2021 8:34:34 AM | Manually integrate compound Acenaphthene in sample Dec2310.D, from x, y = 8.063, 171 to 8.125, 142, result = 119; previous integration is from x, y = 8.015, 142 to 8.125, 142 and previous response = 2466. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:34:35 AM | Drop baseline for compound Acenaphthene in sample Dec2310.D to y = 142, new integration is from x, y = 8.063, 142 to 8.125, 142 and new response = 173; previous integration is from x, y = 8.063, 171 to 8.125, 142 and previous response = 119. | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:34:36 AM | Zero out primary peak of compound Acenaphthene in sample Dec2310.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:34:39 AM | Zero out primary peak of compound Chrysene in sample Dec2310.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:34:40 AM | Zero out primary peak of compound Benzo(a)Anthracene in sample Dec2310.D | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/27/2021 8:34:56 AM | Manually integrate compound Benzo(a)pyrene in sample Dec2311.D, from x, y = 18.400, 199 to 18.499, 324, result = -813; previous integration is from x, y = 18.512, 81 to 18.648, 83 and previous response = 2760. | | | ✓ | |
| CmdManuallyIntegrateSnapBaseline | BL2000\jheine | 12/27/2021 8:34:58 AM | Snap baseline for compound Benzo(a)pyrene in sample Dec2311.D, from x = 18.400 to x = 18.499, new integration is from x, y = 18.400, 71 to 18.499, 92 and new response = 252; previous integration is from x, y = 18.400, 199 to 18.499, 324 and previous response = -813. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:34:58 AM | Drop baseline for compound Benzo(a)pyrene in sample Dec2311.D to y = 71, new integration is from x, y = 18.400, 71 to 18.499, 71 and new response = 315; previous integration is from x, y = 18.400, 71 to 18.499, 92 and previous response = 252. | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:35:00 AM | Zero out primary peak of compound Benzo(a)pyrene in sample Dec2311.D | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdManuallyIntegratePeak | BL2000\jheine | 12/27/2021 8:35:05 AM | Manually integrate compound Acenaphthene in sample Dec2311.D, from x, y = 8.063, 147 to 8.125, 98, result = 362; previous integration is from x, y = 8.011, 98 to 8.125, 98 and previous response = 2657. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:35:06 AM | Drop baseline for compound Acenaphthene in sample Dec2311.D to y = 98, new integration is from x, y = 8.063, 98 to 8.125, 98 and new response = 454; previous integration is from x, y = 8.063, 147 to 8.125, 98 and previous response = 362. | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:35:08 AM | Zero out primary peak of compound Acenaphthene in sample Dec2311.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:35:13 AM | Zero out primary peak of compound Chrysene in sample Dec2311.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:35:16 AM | Zero out primary peak of compound Indeno(1,2,3-cd)pyrene in sample Dec2311.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:35:17 AM | Zero out primary peak of compound Anthracene in sample Dec2311.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:35:19 AM | Zero out primary peak of compound Dibenzo(a,h)anthracene in sample Dec2311.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:35:20 AM | Zero out primary peak of compound Benzo(g,h,i)perylene in sample Dec2311.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:35:21 AM | Zero out primary peak of compound Phenanthrene in sample Dec2311.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:35:22 AM | Zero out primary peak of compound Benzo(a)Anthracene in sample Dec2311.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:35:35 AM | Zero out primary peak of compound Benzo(a)pyrene in sample Dec2312.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:35:37 AM | Zero out primary peak of compound Acenaphthene in sample Dec2312.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:35:40 AM | Zero out primary peak of compound Chrysene in sample Dec2312.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:35:42 AM | Zero out primary peak of compound 1-Methylnaphthalene in sample Dec2312.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:35:43 AM | Zero out primary peak of compound 2-Methylnaphthalene in sample Dec2312.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:35:44 AM | Zero out primary peak of compound Benzo(a)Anthracene in sample Dec2312.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:35:55 AM | Zero out primary peak of compound Benzo(a)pyrene in sample Dec2313.D | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:35:56 AM | Zero out primary peak of compound Acenaphthene in sample Dec2313.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:35:57 AM | Zero out primary peak of compound Acenaphthene in sample Dec2313.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:35:58 AM | Zero out primary peak of compound Chrysene in sample Dec2313.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:35:58 AM | Zero out primary peak of compound Chrysene in sample Dec2313.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:35:59 AM | Zero out primary peak of compound Benzo(a)Anthracene in sample Dec2313.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:36:12 AM | Zero out primary peak of compound Benzo(a)pyrene in sample Dec2314.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:36:14 AM | Zero out primary peak of compound Acenaphthene in sample Dec2314.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:36:16 AM | Zero out primary peak of compound Chrysene in sample Dec2314.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:36:17 AM | Zero out primary peak of compound 1-Methylnaphthalene in sample Dec2314.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:36:18 AM | Zero out primary peak of compound Acenaphthylene in sample Dec2314.D | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/27/2021 8:36:25 AM | Manually integrate compound 1-Methylnaphthalene in sample Dec2314.D, from x, y = 6.902, 269 to 6.952, 305, result = 873; previous integration is from x, y = 6.815, 0 to 6.815, 0 and previous response = 0. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:36:26 AM | Drop baseline for compound 1-Methylnaphthalene in sample Dec2314.D to y = 269, new integration is from x, y = 6.902, 269 to 6.952, 269 and new response = 927; previous integration is from x, y = 6.902, 269 to 6.952, 305 and previous response = 873. | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:36:27 AM | Zero out primary peak of compound 1-Methylnaphthalene in sample Dec2314.D | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\jheine | 12/27/2021 8:36:34 AM | Manually integrate qualifier 115.0 of compound 2-Methylnaphthalene in sample Dec2314.D, from x, y = 6.802, 1026 to 6.840, 821, result = 209; previous integration is from x, y = 6.765, 821 to 6.840, 821 and previous response = 597. | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:36:36 AM | Drop baseline for qualifier 115.0 of compound 2-Methylnaphthalene in sample Dec2314.D to y = 821, new integration is from x, y = 6.802, 821 to 6.840, 821 and new response = 440; previous integration is from x, y = 6.802, 1026 to 6.840, 821 and previous response = 209. | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/27/2021 8:36:46 AM | Manually integrate compound Benzo(a)Anthracene in sample Dec2314.D, from x, y = 14.751, 74 to 14.863, 163, result = 2797; previous integration is from x, y = 14.751, 74 to 14.975, 74 and previous response = 3539. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:36:47 AM | Drop baseline for compound Benzo(a)Anthracene in sample Dec2314.D to y = 74, new integration is from x, y = 14.751, 74 to 14.863, 74 and new response = 3097; previous integration is from x, y = 14.751, 74 to 14.863, 163 and previous response = 2797. | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:36:49 AM | Zero out primary peak of compound Benzo(a)Anthracene in sample Dec2314.D | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/27/2021 8:37:07 AM | Manually integrate compound Benzo(a)pyrene in sample Dec2315.D, from x, y = 18.413, 211 to 18.487, 417, result = -646; previous integration is from x, y = 18.512, 89 to 18.709, 90 and previous response = 3460. | | | ✓ | |
| CmdManuallyIntegrateSnapBaseline | BL2000\jheine | 12/27/2021 8:37:09 AM | Snap baseline for compound Benzo(a)pyrene in sample Dec2315.D, from x = 18.413 to x = 18.487, new integration is from x, y = 18.413, 98 to 18.487, 108 and new response = 291; previous integration is from x, y = 18.413, 211 to 18.487, 417 and previous response = -646. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:37:09 AM | Drop baseline for compound Benzo(a)pyrene in sample Dec2315.D to y = 98, new integration is from x, y = 18.413, 98 to 18.487, 98 and new response = 313; previous integration is from x, y = 18.413, 98 to 18.487, 108 and previous response = 291. | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:37:11 AM | Zero out primary peak of compound Benzo(a)pyrene in sample Dec2315.D | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdManuallyIntegratePeak | BL2000\jheine | 12/27/2021 8:37:15 AM | Manually integrate compound Acenaphthene in sample Dec2315.D, from x, y = 8.063, 604 to 8.125, 105, result = -476; previous integration is from x, y = 7.993, 105 to 8.125, 105 and previous response = 2643. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:37:16 AM | Drop baseline for compound Acenaphthene in sample Dec2315.D to y = 105, new integration is from x, y = 8.063, 105 to 8.125, 105 and new response = 456; previous integration is from x, y = 8.063, 604 to 8.125, 105 and previous response = -476. | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:37:18 AM | Zero out primary peak of compound Acenaphthene in sample Dec2315.D | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/27/2021 8:37:23 AM | Manually integrate compound Chrysene in sample Dec2315.D, from x, y = 14.863, 283 to 14.963, 397, result = -914; previous integration is from x, y = 14.739, 67 to 14.863, 77 and previous response = 3350. | | | ✓ | |
| CmdManuallyIntegrateSnapBaseline | BL2000\jheine | 12/27/2021 8:37:24 AM | Snap baseline for compound Chrysene in sample Dec2315.D, from x = 14.863 to x = 14.963, new integration is from x, y = 14.863, 198 to 14.963, 92 and new response = 252; previous integration is from x, y = 14.863, 283 to 14.963, 397 and previous response = -914. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:37:25 AM | Drop baseline for compound Chrysene in sample Dec2315.D to y = 92, new integration is from x, y = 14.863, 92 to 14.963, 92 and new response = 569; previous integration is from x, y = 14.863, 198 to 14.963, 92 and previous response = 252. | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:37:26 AM | Zero out primary peak of compound Chrysene in sample Dec2315.D | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/27/2021 8:37:33 AM | Manually integrate compound Indeno(1,2,3-cd)pyrene in sample Dec2315.D, from x, y = 20.254, 70 to 20.340, 85, result = 262; previous integration is from x, y = 20.254, 70 to 20.464, 72 and previous response = 433. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:37:34 AM | Drop baseline for compound Indeno(1,2,3-cd)pyrene in sample Dec2315.D to y = 70, new integration is from x, y = 20.254, 70 to 20.340, 70 and new response = 301; previous integration is from x, y = 20.254, 70 to 20.340, 85 and previous response = 262. | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:37:35 AM | Zero out primary peak of compound Indeno(1,2,3-cd)pyrene in sample Dec2315.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:37:38 AM | Zero out primary peak of compound Benzo(a)Anthracene in sample Dec2315.D | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/27/2021 8:38:52 AM | Manually integrate compound Nitrobenzene-d5 in sample Dec2316.D, from x, y = 5.118, 4309 to 5.156, 4090, result = 21158; previous integration is from x, y = 5.044, 2284 to 5.230, 2284 and previous response = 50332. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:38:53 AM | Drop baseline for compound Nitrobenzene-d5 in sample Dec2316.D to y = 4090, new integration is from x, y = 5.118, 4090 to 5.156, 4090 and new response = 21403; previous integration is from x, y = 5.118, 4309 to 5.156, 4090 and previous response = 21158. | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\jheine | 12/27/2021 8:38:58 AM | Manually integrate qualifier 54.0 of compound Nitrobenzene-d5 in sample Dec2316.D, from x, y = 5.118, 844 to 5.156, 2615, result = 5729; previous integration is from x, y = 5.118, 844 to 5.226, 1076 and previous response = 9108. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:38:59 AM | Drop baseline for qualifier 54.0 of compound Nitrobenzene-d5 in sample Dec2316.D to y = 844, new integration is from x, y = 5.118, 844 to 5.156, 844 and new response = 7710; previous integration is from x, y = 5.118, 844 to 5.156, 2615 and previous response = 5729. | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/27/2021 8:39:17 AM | Set UserAnnotation = BA for compound Nitrobenzene-d5 in sample Dec2316.D; previous value = | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/27/2021 8:39:31 AM | Manually integrate compound 1-Methylnaphthalene in sample Dec2316.D, from x, y = 6.915, 947 to 6.940, 916, result = 1533; previous integration is from x, y = 6.787, 1110 to 6.863, 1169 and previous response = 3913. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:39:34 AM | Drop baseline for compound 1-Methylnaphthalene in sample Dec2316.D to y = 916, new integration is from x, y = 6.915, 916 to 6.940, 916 and new response = 1557; previous integration is from x, y = 6.915, 947 to 6.940, 916 and previous response = 1533. | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdManuallyIntegrate QualifierPeak | BL2000\jheine | 12/27/2021 8:39:38 AM | Manually integrate qualifier 142.0 of compound 1-Methylnaphthalene in sample Dec2316.D, from x, y = 6.915, 424 to 6.952, 449, result = 1155; previous integration is from x, y = 6.865, 222 to 7.102, 222 and previous response = 7095. | | | ✓ | |
| CmdManuallyIntegrate DropBaseline | BL2000\jheine | 12/27/2021 8:39:39 AM | Drop baseline for qualifier 142.0 of compound 1-Methylnaphthalene in sample Dec2316.D to y = 424, new integration is from x, y = 6.915, 424 to 6.952, 424 and new response = 1182; previous integration is from x, y = 6.915, 424 to 6.952, 449 and previous response = 1155. | | | ✓ | |
| CmdManuallyIntegrate QualifierPeak | BL2000\jheine | 12/27/2021 8:39:46 AM | Manually integrate qualifier 115.0 of compound 1-Methylnaphthalene in sample Dec2316.D, from x, y = 6.915, 1040 to 6.940, 3627, result = 6752; previous integration is from x, y = 6.915, 1040 to 6.990, 1052 and previous response = 49027. | | | ✓ | |
| CmdManuallyIntegrate DropBaseline | BL2000\jheine | 12/27/2021 8:39:48 AM | Drop baseline for qualifier 115.0 of compound 1-Methylnaphthalene in sample Dec2316.D to y = 1040, new integration is from x, y = 6.915, 1040 to 6.940, 1040 and new response = 8691; previous integration is from x, y = 6.915, 1040 to 6.940, 3627 and previous response = 6752. | | | ✓ | |
| CmdManuallyIntegrate QualifierPeak | BL2000\jheine | 12/27/2021 8:40:00 AM | Manually integrate qualifier 115.0 of compound 1-Methylnaphthalene in sample Dec2316.D, from x, y = 6.852, 3739 to 6.940, 5461, result = 34027; previous integration is from x, y = 6.915, 1040 to 6.940, 1040 and previous response = 8691. | | | ✓ | |
| CmdManuallyIntegrate DropBaseline | BL2000\jheine | 12/27/2021 8:40:02 AM | Drop baseline for qualifier 115.0 of compound 1-Methylnaphthalene in sample Dec2316.D to y = 3739, new integration is from x, y = 6.852, 3739 to 6.940, 3739 and new response = 38542; previous integration is from x, y = 6.852, 3739 to 6.940, 5461 and previous response = 34027. | | | ✓ | |
| CmdManuallyIntegrate QualifierPeak | BL2000\jheine | 12/27/2021 8:40:05 AM | Manually integrate qualifier 115.0 of compound 1-Methylnaphthalene in sample Dec2316.D, from x, y = 6.915, 4998 to 6.940, 3739, result = 3702; previous integration is from x, y = 6.852, 3739 to 6.940, 3739 and previous response = 38542. | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdManuallyIntegrate DropBaseline | BL2000\jheine | 12/27/2021 8:40:07 AM | Drop baseline for qualifier 115.0 of compound 1-Methylnaphthalene in sample Dec2316.D to y = 3739, new integration is from x, y = 6.915, 3739 to 6.940, 3739 and new response = 4645; previous integration is from x, y = 6.915, 4998 to 6.940, 3739 and previous response = 3702. | | | ✓ | |
| CmdManuallyIntegrateP eak | BL2000\jheine | 12/27/2021 8:40:45 AM | Manually integrate compound 2-Methylnaphthalene in sample Dec2316.D, from x, y = 6.778, 751 to 6.828, 1052, result = 4206; previous integration is from x, y = 6.787, 1110 to 6.863, 1169 and previous response = 3913. | | | ✓ | |
| CmdManuallyIntegrate DropBaseline | BL2000\jheine | 12/27/2021 8:40:46 AM | Drop baseline for compound 2-Methylnaphthalene in sample Dec2316.D to y = 751, new integration is from x, y = 6.778, 751 to 6.828, 751 and new response = 4657; previous integration is from x, y = 6.778, 751 to 6.828, 1052 and previous response = 4206. | | | ✓ | |
| CmdManuallyIntegrate QualifierPeak | BL2000\jheine | 12/27/2021 8:40:54 AM | Manually integrate qualifier 142.0 of compound 2-Methylnaphthalene in sample Dec2316.D, from x, y = 6.790, 399 to 6.828, 340, result = 2086; previous integration is from x, y = 6.740, 222 to 6.865, 222 and previous response = 4568. | | | ✓ | |
| CmdManuallyIntegrate QualifierPeak | BL2000\jheine | 12/27/2021 8:40:59 AM | Manually integrate qualifier 142.0 of compound 2-Methylnaphthalene in sample Dec2316.D, from x, y = 6.803, 347 to 6.828, 340, result = 1620; previous integration is from x, y = 6.790, 399 to 6.828, 340 and previous response = 2086. | | | ✓ | |
| CmdManuallyIntegrate DropBaseline | BL2000\jheine | 12/27/2021 8:41:01 AM | Drop baseline for qualifier 142.0 of compound 2-Methylnaphthalene in sample Dec2316.D to y = 340, new integration is from x, y = 6.803, 340 to 6.828, 340 and new response = 1625; previous integration is from x, y = 6.803, 347 to 6.828, 340 and previous response = 1620. | | | ✓ | |
| CmdManuallyIntegrate QualifierPeak | BL2000\jheine | 12/27/2021 8:41:09 AM | Manually integrate qualifier 115.0 of compound 2-Methylnaphthalene in sample Dec2316.D, from x, y = 6.803, 3482 to 6.828, 3324, result = 2496; previous integration is from x, y = 6.852, 1030 to 6.915, 1040 and previous response = 44030. | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:41:17 AM | Zero out primary peak of compound 1-Methylnaphthalene in sample Dec2316.D | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:41:29 AM | Zero out primary peak of compound 2-Methylnaphthalene in sample Dec2316.D | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/27/2021 8:41:35 AM | Manually integrate compound Benzo(b)fluoranthene in sample Dec2316.D, from x, y = 17.760, 89 to 17.845, 235, result = 1657; previous integration is from x, y = 17.760, 89 to 17.980, 96 and previous response = 3182. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:41:36 AM | Drop baseline for compound Benzo(b)fluoranthene in sample Dec2316.D to y = 89, new integration is from x, y = 17.760, 89 to 17.845, 89 and new response = 2028; previous integration is from x, y = 17.760, 89 to 17.845, 235 and previous response = 1657. | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\jheine | 12/27/2021 8:41:43 AM | Manually integrate qualifier 253.0 of compound Benzo(b)fluoranthene in sample Dec2316.D, from x, y = 17.770, 104 to 17.845, 132, result = 425; previous integration is from x, y = 17.770, 104 to 17.966, 109 and previous response = 761. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:41:44 AM | Drop baseline for qualifier 253.0 of compound Benzo(b)fluoranthene in sample Dec2316.D to y = 104, new integration is from x, y = 17.770, 104 to 17.845, 104 and new response = 487; previous integration is from x, y = 17.770, 104 to 17.845, 132 and previous response = 425. | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/27/2021 8:41:50 AM | Manually integrate compound Benzo(k)fluoranthene in sample Dec2316.D, from x, y = 17.845, 195 to 17.980, 96, result = 745; previous integration is from x, y = 17.760, 89 to 17.980, 96 and previous response = 3182. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:41:51 AM | Drop baseline for compound Benzo(k)fluoranthene in sample Dec2316.D to y = 96, new integration is from x, y = 17.845, 96 to 17.980, 96 and new response = 1149; previous integration is from x, y = 17.845, 195 to 17.980, 96 and previous response = 745. | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\jheine | 12/27/2021 8:41:54 AM | Manually integrate qualifier 253.0 of compound Benzo(k)fluoranthene in sample Dec2316.D, from x, y = 17.845, 131 to 17.966, 109, result = 191; previous integration is from x, y = 17.770, 104 to 17.966, 109 and previous response = 761. | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:41:56 AM | Drop baseline for qualifier 253.0 of compound Benzo(k)fluoranthene in sample Dec2316.D to y = 109, new integration is from x, y = 17.845, 109 to 17.966, 109 and new response = 270; previous integration is from x, y = 17.845, 131 to 17.966, 109 and previous response = 191. | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:42:09 AM | Zero out primary peak of compound Benzo(k)fluoranthene in sample Dec2316.D | | | ✓ | |
| CmdSelectPeak | BL2000\jheine | 12/27/2021 8:42:16 AM | Select peak for compound Chrysene in sample Dec2316.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:42:18 AM | Zero out primary peak of compound Chrysene in sample Dec2316.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:42:24 AM | Zero out primary peak of compound Acenaphthylene in sample Dec2316.D | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/27/2021 8:42:31 AM | Manually integrate compound Indeno(1,2,3-cd)pyrene in sample Dec2316.D, from x, y = 20.242, 85 to 20.340, 279, result = 523; previous integration is from x, y = 20.242, 85 to 20.439, 87 and previous response = 1354. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:42:32 AM | Drop baseline for compound Indeno(1,2,3-cd)pyrene in sample Dec2316.D to y = 85, new integration is from x, y = 20.242, 85 to 20.340, 85 and new response = 1100; previous integration is from x, y = 20.242, 85 to 20.340, 279 and previous response = 523. | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:42:34 AM | Zero out primary peak of compound Indeno(1,2,3-cd)pyrene in sample Dec2316.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:42:36 AM | Zero out primary peak of compound Benzo(g,h,i)perylene in sample Dec2316.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:42:36 AM | Zero out primary peak of compound Benzo(a)pyrene in sample Dec2316.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:42:37 AM | Zero out primary peak of compound Dibenzo(a,h)anthracene in sample Dec2316.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:42:37 AM | Zero out primary peak of compound Acenaphthene in sample Dec2316.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:42:38 AM | Zero out primary peak of compound Anthracene in sample Dec2316.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:42:38 AM | Zero out primary peak of compound Naphthalene in sample Dec2316.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:42:39 AM | Zero out primary peak of compound Benzo(a)Anthracene in sample Dec2316.D | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:42:41 AM | Zero out primary peak of compound Fluoranthene in sample Dec2316.D | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/27/2021 8:43:01 AM | Manually integrate compound Benzo(a)pyrene in sample Dec2317.D, from x, y = 18.413, 80 to 18.474, 105, result = 196; previous integration is from x, y = 18.524, 93 to 18.722, 92 and previous response = 2769. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:43:03 AM | Drop baseline for compound Benzo(a)pyrene in sample Dec2317.D to y = 80, new integration is from x, y = 18.413, 80 to 18.474, 80 and new response = 242; previous integration is from x, y = 18.413, 80 to 18.474, 105 and previous response = 196. | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:43:04 AM | Zero out primary peak of compound Benzo(a)pyrene in sample Dec2317.D | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/27/2021 8:43:17 AM | Manually integrate compound Nitrobenzene-d5 in sample Dec2317.D, from x, y = 5.120, 1735 to 5.156, 2039, result = 288; previous integration is from x, y = 5.120, 1735 to 5.221, 1721 and previous response = 883. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:43:18 AM | Drop baseline for compound Nitrobenzene-d5 in sample Dec2317.D to y = 1735, new integration is from x, y = 5.120, 1735 to 5.156, 1735 and new response = 608; previous integration is from x, y = 5.120, 1735 to 5.156, 2039 and previous response = 288. | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\jheine | 12/27/2021 8:43:21 AM | Manually integrate qualifier 54.0 of compound Nitrobenzene-d5 in sample Dec2317.D, from x, y = 5.110, 199 to 5.156, 240, result = 208; previous integration is from x, y = 5.110, 199 to 5.218, 199 and previous response = 411. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:43:23 AM | Drop baseline for qualifier 54.0 of compound Nitrobenzene-d5 in sample Dec2317.D to y = 199, new integration is from x, y = 5.110, 199 to 5.156, 199 and new response = 266; previous integration is from x, y = 5.110, 199 to 5.156, 240 and previous response = 208. | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\jheine | 12/27/2021 8:44:24 AM | Manually integrate qualifier 128.0 of compound Nitrobenzene-d5 in sample Dec2317.D, from x, y = 5.114, 267 to 5.180, 272, result = 268; previous integration is from x, y = 5.114, 267 to 5.218, 262 and previous response = 338. | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:44:25 AM | Drop baseline for qualifier 128.0 of compound Nitrobenzene-d5 in sample Dec2317.D to y = 267, new integration is from x, y = 5.114, 267 to 5.180, 267 and new response = 280; previous integration is from x, y = 5.114, 267 to 5.180, 272 and previous response = 268. | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/27/2021 8:44:37 AM | Manually integrate compound Acenaphthene in sample Dec2317.D, from x, y = 8.063, 731 to 8.125, 115, result = -719; previous integration is from x, y = 8.014, 115 to 8.125, 115 and previous response = 2471. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:44:38 AM | Drop baseline for compound Acenaphthene in sample Dec2317.D to y = 115, new integration is from x, y = 8.063, 115 to 8.125, 115 and new response = 432; previous integration is from x, y = 8.063, 731 to 8.125, 115 and previous response = -719. | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:44:41 AM | Zero out primary peak of compound Acenaphthene in sample Dec2317.D | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/27/2021 8:44:48 AM | Manually integrate compound Chrysene in sample Dec2317.D, from x, y = 14.851, 313 to 14.938, 333, result = -586; previous integration is from x, y = 14.751, 67 to 14.851, 71 and previous response = 3048. | | | ✓ | |
| CmdManuallyIntegrateSnapBaseline | BL2000\jheine | 12/27/2021 8:44:50 AM | Snap baseline for compound Chrysene in sample Dec2317.D, from x = 14.851 to x = 14.938, new integration is from x, y = 14.851, 192 to 14.938, 97 and new response = 347; previous integration is from x, y = 14.851, 313 to 14.938, 333 and previous response = -586. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:44:50 AM | Drop baseline for compound Chrysene in sample Dec2317.D to y = 97, new integration is from x, y = 14.851, 97 to 14.938, 97 and new response = 596; previous integration is from x, y = 14.851, 192 to 14.938, 97 and previous response = 347. | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:44:52 AM | Zero out primary peak of compound Chrysene in sample Dec2317.D | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/27/2021 8:44:59 AM | Manually integrate compound Anthracene in sample Dec2317.D, from x, y = 9.879, 220 to 9.941, 288, result = 163; previous integration is from x, y = 9.787, 136 to 9.879, 136 and previous response = 1277. | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdManuallyIntegrateSnapBaseline | BL2000\jheine | 12/27/2021 8:45:00 AM | Snap baseline for compound Anthracene in sample Dec2317.D, from x = 9.879 to x = 9.941, new integration is from x, y = 9.879, 162 to 9.941, 160 and new response = 508; previous integration is from x, y = 9.879, 220 to 9.941, 288 and previous response = 163. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:45:01 AM | Drop baseline for compound Anthracene in sample Dec2317.D to y = 160, new integration is from x, y = 9.879, 160 to 9.941, 160 and new response = 512; previous integration is from x, y = 9.879, 162 to 9.941, 160 and previous response = 508. | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:45:02 AM | Zero out primary peak of compound Anthracene in sample Dec2317.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:45:04 AM | Zero out primary peak of compound Indeno(1,2,3-cd)pyrene in sample Dec2317.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:45:05 AM | Zero out primary peak of compound Benzo(a)Anthracene in sample Dec2317.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:45:21 AM | Zero out primary peak of compound Benzo(a)pyrene in sample Dec2318.D | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/27/2021 8:45:28 AM | Manually integrate compound Acenaphthene in sample Dec2318.D, from x, y = 8.063, 146 to 8.125, 115, result = 91; previous integration is from x, y = 8.013, 115 to 8.125, 115 and previous response = 2324. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:45:29 AM | Drop baseline for compound Acenaphthene in sample Dec2318.D to y = 115, new integration is from x, y = 8.063, 115 to 8.125, 115 and new response = 149; previous integration is from x, y = 8.063, 146 to 8.125, 115 and previous response = 91. | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:45:31 AM | Zero out primary peak of compound Acenaphthene in sample Dec2318.D | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/27/2021 8:45:36 AM | Manually integrate compound Chrysene in sample Dec2318.D, from x, y = 14.863, 165 to 14.975, 81, result = 101; previous integration is from x, y = 14.751, 81 to 14.975, 81 and previous response = 3364. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:45:37 AM | Drop baseline for compound Chrysene in sample Dec2318.D to y = 81, new integration is from x, y = 14.863, 81 to 14.975, 81 and new response = 384; previous integration is from x, y = 14.863, 165 to 14.975, 81 and previous response = 101. | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:45:38 AM | Zero out primary peak of compound Chrysene in sample Dec2318.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:45:40 AM | Zero out primary peak of compound Benzo(a)Anthracene in sample Dec2318.D | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/27/2021 8:45:54 AM | Manually integrate compound Benzo(a)pyrene in sample Dec2319.D, from x, y = 18.413, 138 to 18.487, 413, result = -649; previous integration is from x, y = 18.512, 76 to 18.709, 79 and previous response = 3049. | | | ✓ | |
| CmdManuallyIntegrateSnapBaseline | BL2000\jheine | 12/27/2021 8:45:55 AM | Snap baseline for compound Benzo(a)pyrene in sample Dec2319.D, from x = 18.413 to x = 18.487, new integration is from x, y = 18.413, 73 to 18.487, 92 and new response = 210; previous integration is from x, y = 18.413, 138 to 18.487, 413 and previous response = -649. | | | ✓ | |
| CmdManuallyIntegrate DropBaseline | BL2000\jheine | 12/27/2021 8:45:56 AM | Drop baseline for compound Benzo(a)pyrene in sample Dec2319.D to y = 73, new integration is from x, y = 18.413, 73 to 18.487, 73 and new response = 252; previous integration is from x, y = 18.413, 73 to 18.487, 92 and previous response = 210. | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:45:57 AM | Zero out primary peak of compound Benzo(a)pyrene in sample Dec2319.D | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/27/2021 8:46:01 AM | Manually integrate compound Acenaphthene in sample Dec2319.D, from x, y = 8.063, 141 to 8.125, 99, result = 333; previous integration is from x, y = 8.014, 99 to 8.125, 99 and previous response = 2417. | | | ✓ | |
| CmdManuallyIntegrate DropBaseline | BL2000\jheine | 12/27/2021 8:46:03 AM | Drop baseline for compound Acenaphthene in sample Dec2319.D to y = 99, new integration is from x, y = 8.063, 99 to 8.125, 99 and new response = 413; previous integration is from x, y = 8.063, 141 to 8.125, 99 and previous response = 333. | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:46:03 AM | Zero out primary peak of compound Acenaphthene in sample Dec2319.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:46:06 AM | Zero out primary peak of compound Chrysene in sample Dec2319.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:46:07 AM | Zero out primary peak of compound Anthracene in sample Dec2319.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:46:08 AM | Zero out primary peak of compound Benzo(a)Anthracene in sample Dec2319.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:46:21 AM | Zero out primary peak of compound Benzo(a)pyrene in sample Dec2320.D | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:46:24 AM | Zero out primary peak of compound Acenaphthene in sample Dec2320.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:46:26 AM | Zero out primary peak of compound Chrysene in sample Dec2320.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:46:27 AM | Zero out primary peak of compound Benzo(a)Anthracene in sample Dec2320.D | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/27/2021 8:46:38 AM | Manually integrate compound Benzo(a)pyrene in sample Dec2321.D, from x, y = 18.413, 118 to 18.487, 412, result = -648; previous integration is from x, y = 18.524, 75 to 18.660, 76 and previous response = 2624. | | | ✓ | |
| CmdManuallyIntegrateSnapBaseline | BL2000\jheine | 12/27/2021 8:46:39 AM | Snap baseline for compound Benzo(a)pyrene in sample Dec2321.D, from x = 18.413 to x = 18.487, new integration is from x, y = 18.413, 72 to 18.487, 86 and new response = 179; previous integration is from x, y = 18.413, 118 to 18.487, 412 and previous response = -648. | | | ✓ | |
| CmdManuallyIntegrate DropBaseline | BL2000\jheine | 12/27/2021 8:46:40 AM | Drop baseline for compound Benzo(a)pyrene in sample Dec2321.D to y = 72, new integration is from x, y = 18.413, 72 to 18.487, 72 and new response = 210; previous integration is from x, y = 18.413, 72 to 18.487, 86 and previous response = 179. | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:46:41 AM | Zero out primary peak of compound Benzo(a)pyrene in sample Dec2321.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:46:47 AM | Zero out primary peak of compound Acenaphthene in sample Dec2321.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:46:51 AM | Zero out primary peak of compound Chrysene in sample Dec2321.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:46:52 AM | Zero out primary peak of compound Indeno(1,2,3-cd)pyrene in sample Dec2321.D | | | ✓ | |
| CmdZeroOutPeak | BL2000\jheine | 12/27/2021 8:46:53 AM | Zero out primary peak of compound Benzo(a)Anthracene in sample Dec2321.D | | | ✓ | |
| CmdManuallyIntegrate QualifierPeak | BL2000\jheine | 12/27/2021 8:47:20 AM | Manually integrate qualifier 138.0 of compound Indeno(1,2,3-cd)pyrene in sample Dec2322.D, from x, y = 20.241, 720 to 20.328, 4212, result = 797; previous integration is from x, y = 20.255, 555 to 20.328, 831 and previous response = 9620. | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdManuallyIntegrateSnapBaseline | BL2000\jheine | 12/27/2021 8:47:22 AM | Snap baseline for qualifier 138.0 of compound Indeno(1,2,3-cd)pyrene in sample Dec2322.D from x = 20.241 to x = 20.328, new integration is from x, y = 20.241, 169 to 20.328, 831 and new response = 10998; previous integration is from x, y = 20.241, 720 to 20.328, 4212 and previous response = 797. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:47:22 AM | Drop baseline for qualifier 138.0 of compound Indeno(1,2,3-cd)pyrene in sample Dec2322.D to y = 169, new integration is from x, y = 20.241, 169 to 20.328, 169 and new response = 12715; previous integration is from x, y = 20.241, 169 to 20.328, 831 and previous response = 10998. | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\jheine | 12/27/2021 8:47:29 AM | Manually integrate qualifier 102.0 of compound Naphthalene in sample Dec2322.D, from x, y = 5.966, 1271 to 6.065, 142, result = 6126; previous integration is from x, y = 5.928, 125 to 6.065, 142 and previous response = 16443. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:47:30 AM | Drop baseline for qualifier 102.0 of compound Naphthalene in sample Dec2322.D to y = 142, new integration is from x, y = 5.966, 142 to 6.065, 142 and new response = 9509; previous integration is from x, y = 5.966, 1271 to 6.065, 142 and previous response = 6126. | | | ✓ | |
| CmdManuallyIntegratePeak | BL2000\jheine | 12/27/2021 8:47:39 AM | Manually integrate compound 1-Methylnaphthalene in sample Dec2322.D, from x, y = 6.902, 4900 to 7.002, 5287, result = 14892; previous integration is from x, y = 6.777, 142 to 6.902, 142 and previous response = 46941. | | | ✓ | |
| CmdManuallyIntegrateSnapBaseline | BL2000\jheine | 12/27/2021 8:47:41 AM | Snap baseline for compound 1-Methylnaphthalene in sample Dec2322.D, from x = 6.902 to x = 7.002, new integration is from x, y = 6.902, 464 to 7.002, 506 and new response = 42516; previous integration is from x, y = 6.902, 4900 to 7.002, 5287 and previous response = 14892. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:47:41 AM | Drop baseline for compound 1-Methylnaphthalene in sample Dec2322.D to y = 464, new integration is from x, y = 6.902, 464 to 7.002, 464 and new response = 42642; previous integration is from x, y = 6.902, 464 to 7.002, 506 and previous response = 42516. | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:47:42 AM | Drop baseline for compound 1-Methylnaphthalene in sample Dec2322.D to y = 464, new integration is from x, y = 6.902, 464 to 7.002, 464 and new response = 42642; previous integration is from x, y = 6.902, 464 to 7.002, 464 and previous response = 42642. | | | ✓ | |
| CmdSetTargetCompoundAttribute | BL2000\jheine | 12/27/2021 8:47:44 AM | Set UserAnnotation = NI for compound 1-Methylnaphthalene in sample Dec2322.D; previous value = | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\jheine | 12/27/2021 8:48:26 AM | Manually integrate qualifier129.0 of compound Naphthalene in sample Dec2323.D from x, y = 5.941, 193 to 6.053, 2516; result = 190 | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:48:27 AM | Drop baseline for qualifier 129.0 of compound Naphthalene in sample Dec2323.D to y = 193, new integration is from x, y = 5.941, 193 to 6.053, 193 and new response = 8021; previous integration is from x, y = 5.941, 193 to 6.053, 2516 and previous response = 190. | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\jheine | 12/27/2021 8:48:30 AM | Manually integrate qualifier 102.0 of compound Naphthalene in sample Dec2323.D, from x, y = 5.966, 1299 to 6.066, 138, result = 5567; previous integration is from x, y = 5.928, 138 to 6.066, 138 and previous response = 15780. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:48:31 AM | Drop baseline for qualifier 102.0 of compound Naphthalene in sample Dec2323.D to y = 138, new integration is from x, y = 5.966, 138 to 6.066, 138 and new response = 9048; previous integration is from x, y = 5.966, 1299 to 6.066, 138 and previous response = 5567. | | | ✓ | |
| CmdManuallyIntegrateQualifierPeak | BL2000\jheine | 12/27/2021 8:50:08 AM | Manually integrate qualifier 102.0 of compound Naphthalene in sample Dec2324.D, from x, y = 5.966, 786 to 6.078, 108, result = 4092; previous integration is from x, y = 5.928, 108 to 6.078, 108 and previous response = 12004. | | | ✓ | |
| CmdManuallyIntegrateDropBaseline | BL2000\jheine | 12/27/2021 8:50:09 AM | Drop baseline for qualifier 102.0 of compound Naphthalene in sample Dec2324.D to y = 108, new integration is from x, y = 5.966, 108 to 6.078, 108 and new response = 6381; previous integration is from x, y = 5.966, 786 to 6.078, 108 and previous response = 4092. | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdManuallyIntegrate QualifierPeak | BL2000\jheine | 12/27/2021 8:50:25 AM | Manually integrate qualifier167.0 of compound Fluorene in sample Dec2324.D from x, y = 8.675, 108 to 8.748, 1418; result = 2067 | | | ✓ | |
| CmdManuallyIntegrate DropBaseline | BL2000\jheine | 12/27/2021 8:50:26 AM | Drop baseline for qualifier 167.0 of compound Fluorene in sample Dec2324.D to y = 108, new integration is from x, y = 8.675, 108 to 8.748, 108 and new response = 4928; previous integration is from x, y = 8.675, 108 to 8.748, 1418 and previous response = 2067. | | | ✓ | |
| CmdSaveBatchTable | BL2000\jheine | 12/27/2021 8:51:15 AM | Save batch \\MASSHUNTER\Org\Data\SV5975.I\sh 122321\1 e8270d bna SIM\QuantResults\122321 bna SIM 1.batch.bin | | | ✓ | |
| CmdSaveBatchTable | BL2000\jheine | 12/27/2021 8:51:46 AM | Save batch \\MASSHUNTER\Org\Data\SV5975.I\sh 122321\1 e8270d bna SIM\QuantResults\122321 bna SIM 1.batch.bin | | | ✓ | |
| CmdSaveBatchTable | BL2000\jheine | 12/27/2021 8:51:54 AM | Save batch \\MASSHUNTER\Org\Data\SV5975.I\sh 122321\1 e8270d bna SIM\QuantResults\122321 bna SIM 1.batch.bin | | | ✓ | |
| CmdOpenBatchTable | BL2000\jheine | 1/6/2022 11:39:17 AM | Open batch \\MASSHUNTER\Org\Data\SV5975.I\Old Data\2021 Data\sh122321\1 e8270d bna SIM\122321 bna SIM 1.batch.bin | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 1/6/2022 11:39:52 AM | Set SampleApproved = True for sample Dec2301.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 1/6/2022 11:39:53 AM | Set SampleApproved = True for sample Dec2302.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 1/6/2022 11:39:54 AM | Set SampleApproved = True for sample Dec2303.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 1/6/2022 11:39:55 AM | Set SampleApproved = False for sample Dec2303.D; previous value = True | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 1/6/2022 11:39:56 AM | Set SampleApproved = True for sample Dec2304.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 1/6/2022 11:39:57 AM | Set SampleApproved = True for sample Dec2305.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 1/6/2022 11:39:59 AM | Set SampleApproved = True for sample Dec2306.D; previous value = False | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdSetSampleAttribute | BL2000\jheine | 1/6/2022 11:40:01 AM | Set SampleApproved = True for sample Dec2303.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 1/6/2022 11:40:03 AM | Set SampleApproved = True for sample Dec2307.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 1/6/2022 11:40:17 AM | Set SampleName = B21121402-001A for sample Dec2308.D; previous value = B21121402-001Arex | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 1/6/2022 11:40:22 AM | Set SampleName = B21121402-001A for sample Dec2309.D; previous value = B21121402-001Arex | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 1/6/2022 11:40:23 AM | Set SampleApproved = True for sample Dec2308.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 1/6/2022 11:40:24 AM | Set SampleApproved = True for sample Dec2309.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 1/6/2022 11:40:25 AM | Set SampleApproved = True for sample Dec2310.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 1/6/2022 11:40:26 AM | Set SampleApproved = True for sample Dec2311.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 1/6/2022 11:40:28 AM | Set SampleApproved = True for sample Dec2312.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 1/6/2022 11:40:29 AM | Set SampleApproved = True for sample Dec2313.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 1/6/2022 11:40:30 AM | Set SampleApproved = True for sample Dec2314.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 1/6/2022 11:40:32 AM | Set SampleApproved = True for sample Dec2315.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 1/6/2022 11:40:33 AM | Set SampleApproved = True for sample Dec2316.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 1/6/2022 11:40:34 AM | Set SampleApproved = True for sample Dec2317.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 1/6/2022 11:40:36 AM | Set SampleApproved = True for sample Dec2318.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 1/6/2022 11:40:41 AM | Set SampleApproved = True for sample Dec2319.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 1/6/2022 11:40:42 AM | Set SampleApproved = True for sample Dec2320.D; previous value = False | | | ✓ | |

| Name | User | Time | Action | Reason | Comment | Succeed | Exception |
|---|---|---|---|---|---|---|---|
| CmdSetSampleAttribute | BL2000\jheine | 1/6/2022 11:40:44 AM | Set SampleApproved = True for sample Dec2321.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 1/6/2022 11:40:46 AM | Set SampleApproved = True for sample Dec2322.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 1/6/2022 11:40:49 AM | Set SampleApproved = True for sample Dec2323.D; previous value = False | | | ✓ | |
| CmdSetSampleAttribute | BL2000\jheine | 1/6/2022 11:40:50 AM | Set SampleApproved = True for sample Dec2324.D; previous value = False | | | ✓ | |
| CmdQuantitate | BL2000\jheine | 1/6/2022 11:46:34 AM | Quantitate all compounds in all samples | | | ✓ | |
| CmdSaveBatchTable | BL2000\jheine | 1/6/2022 11:46:39 AM | Save batch \\MASSHUNTER\Org\Data\SV5975.I\Old Data\2021 Data\sh122321\1 e8270d bna SIM\QuantResults\122321 bna SIM 1.batch.bin | | | ✓ | |
| GenerateReport | BL2000\jheine | 1/6/2022 11:53:58 AM | Generates report - Method: D:\Org\reports\GCMSSEMI Report Templates\Tests_for_LevelIV\Env_QuantResults_wGraphics+Chromatogram.m, Output Path: \\MASSHUNTER\Org\Data\SV5975.I\Old Data\2021 Data\sh122321\1 e8270d bna SIM\QuantReports\ | | | ✓ | |
| GenerateReport | BL2000\jheine | 1/6/2022 11:58:05 AM | Generates report - Method: D:\Org\reports\GCMSSEMI Report Templates\Tests_for_LevelIV\Env_QuantResults_wGraphics+Chromatogram.m, Output Path: \\MASSHUNTER\Org\Data\SV5975.I\Old Data\2021 Data\sh122321\1 e8270d bna SIM\QuantReports\ | | | ✓ | |

# Energy Laboratories Inc

# Spike LOG

Standard ID: SV100506
Standard Name BNA low 50 ug/mL
Date Prepared 6/2/2021
Date Expires: 3/31/2022
Department GCMSSEMI
Vendor:
Lot Number:
Balance ID:

Type: Secondary
BY: John P. Heine
Status: New

Comments:

| Chemical / Solvent Used | BottleNo | Amt | Units | Exp |
|---|---|---|---|---|
| Dichloromethane EA342 | 13510 | 0.6 | mL | 11/17 |

**Final Volume:** 0.8 mL

| Stock Source | | Base Units | Amount Added |
|---|---|---|---|
| sv100418 | BNA mix 200 ug/mL | ug/mL | 0.2 mL |

| | Analytes | CAS | Conc: | ug/mL |
|---|---|---|---|---|
| A | 1-Methylnaphthalene | 90-12-0 | | 0 |
| A | 2,4,6-Trichlorophenol | 88-06-2 | | 0 |
| A | 2,4-Dichlorophenol | 120-83-2 | | 0 |
| A | 2,4-Dimethylphenol | 105-67-9 | | 0 |
| A | 2,4-Dinitrophenol | 51-28-5 | | 0 |
| A | 2-Chlorophenol | 95-57-8 | | 0 |
| A | 2-Nitrophenol | 88-75-5 | | 0 |
| A | 3,3´-Dichlorobenzidine | 91-94-1 | | 0 |
| A | 4,6-Dinitro-2-methylphenol | 534-52-1 | | 0 |
| A | 4-Chloro-2-methylphenol | 1570-64-5 | | 0 |
| A | 4-Chloro-3-methylphenol | 59-50-7 | | 0 |
| A | 4-Chlorophenol | 106-48-9 | | 0 |
| A | 4-Nitrophenol | 100-02-7 | | 0 |
| A | Acenaphthene | 83-32-9 | | 0 |
| A | Acenaphthylene | 208-96-8 | | 0 |
| A | Anthracene | 120-12-7 | | 0 |
| A | Benzidine | 92-87-5 | | 0 |
| A | Benzo(a)anthracene | 56-55-3 | | 0 |
| A | Benzo(a)pyrene | 50-32-8 | | 0 |
| A | Benzo(b)fluoranthene | 205-99-2 | | 0 |
| X | Benzo(e)pyrene | 192-97-2 | | 0 |
| A | Benzo(g,h,i)perylene | 191-24-2 | | 0 |
| A | Benzo(k)fluoranthene | 207-08-9 | | 0 |
| A | Chrysene | 218-01-9 | | 0 |
| A | Dibenzo(a,h)anthracene | 53-70-3 | | 0 |
| A | Flash Point (Ignitability) | | | 0 |
| A | Fluoranthene | 206-44-0 | | 0 |
| A | Fluorene | 86-73-7 | | 0 |
| A | Indeno(1,2,3-cd)pyrene | 193-39-5 | | 0 |
| A | Naphthalene | 91-20-3 | | 0 |
| A | o-Terphenyl | 84-15-1 | | 0 |

# Energy Laboratories Inc

# Spike LOG

| | | | |
|---|---|---|---|
| Standard ID: | SV100506 | | |
| Standard Name | BNA low 50 ug/mL | Type: | Secondary |
| Date Prepared | 6/2/2021 | BY: | John P. Heine |
| Date Expires: | 3/31/2022 | | |
| Department | GCMSSEMI | Status: | New |
| Vendor: | | | |
| Lot Number: | | | |
| Balance ID: | | | |

Comments:

| | | | |
|---|---|---|---|
| A | Pentachlorophenol | 87-86-5 | 0 |
| A | Phenanthrene | 85-01-8 | 0 |
| A | Phenol | 108-95-2 | 0 |
| A | Pyrene | 129-00-0 | 0 |
| A | Pyridine | 110-86-1 | 0 |
| A | Triallate | 2303-17-5 | 0 |

# Energy Laboratories Inc

# Standard LOG

Standard ID: SV100418
Standard Name BNA mix 200 ug/mL
Date Prepared 6/2/2021
Date Expires: 3/31/2022
Department GCMSSEMI
Vendor:
Lot Number:
Balance ID:

Type: Secondary
BY: John P. Heine
Status: New

Comments:

| Chemical / Solvent Used | BottleNo | Amt | Units | Exp |
|---|---|---|---|---|
| Dichloromethane EA342 | 13510 | 0.51 | mL | 11/17 |

**Final Volume:** 1.5 mL

| Stock Source | | Base Units | Amount Added |
|---|---|---|---|
| sv82908 | AE surr | ug/mL | 0.03 mL |
| sv83407 | BN Surr 5000 ug/mL | ug/mL | 0.06 mL |
| sv82917 | BNA Custom for Cal | ug/mL | 0.15 mL |
| sv83301 | PAH Mix | ug/mL | 0.15 mL |
| sv83120 | BN mix | ug/mL | 0.15 mL |
| sv83410 | H.S. Mix | ug/mL | 0.15 mL |
| sv83201 | Phenols mix | ug/mL | 0.15 mL |
| sv83419 | Benzidines CAL 2000ug/mL | ug/mL | 0.15 mL |

| | Analytes | CAS | Conc: | ug/mL |
|---|---|---|---|---|
| A | 1-Methylnaphthalene | 90-12-0 | | 200 |
| A | 2,4,6-Trichlorophenol | 88-06-2 | | 200 |
| A | 2,4-Dichlorophenol | 120-83-2 | | 200 |
| A | 2,4-Dimethylphenol | 105-67-9 | | 200 |
| A | 2,4-Dinitrophenol | 51-28-5 | | 200 |
| A | 2-Chlorophenol | 95-57-8 | | 200 |
| A | 2-Nitrophenol | 88-75-5 | | 200 |
| A | 3,3´-Dichlorobenzidine | 91-94-1 | | 200 |
| A | 4,6-Dinitro-2-methylphenol | 534-52-1 | | 200 |
| A | 4-Chloro-2-methylphenol | 1570-64-5 | | 200 |
| A | 4-Chloro-3-methylphenol | 59-50-7 | | 200 |
| A | 4-Chlorophenol | 106-48-9 | | 200 |
| A | 4-Nitrophenol | 100-02-7 | | 200 |
| A | Acenaphthene | 83-32-9 | | 200 |
| A | Acenaphthylene | 208-96-8 | | 0 |
| A | Anthracene | 120-12-7 | | 0 |
| A | Benzidine | 92-87-5 | | 0 |
| A | Benzo(a)anthracene | 56-55-3 | | 0 |
| A | Benzo(a)pyrene | 50-32-8 | | 0 |
| A | Benzo(b)fluoranthene | 205-99-2 | | 0 |
| X | Benzo(e)pyrene | 192-97-2 | | 0 |
| A | Benzo(g,h,i)perylene | 191-24-2 | | 0 |
| A | Benzo(k)fluoranthene | 207-08-9 | | 0 |
| A | Chrysene | 218-01-9 | | 0 |

# Energy Laboratories Inc

# Standard LOG

| | | | |
|---|---|---|---|
| Standard ID: | SV100418 | | |
| Standard Name | BNA mix 200 ug/mL | Type: | Secondary |
| Date Prepared | 6/2/2021 | BY: | John P. Heine |
| Date Expires: | 3/31/2022 | | |
| Department | GCMSSEMI | Status: | New |
| Vendor: | | | |
| Lot Number: | | | |
| Balance ID: | | | |

Comments:

| | | | |
|---|---|---|---|
| A | Dibenzo(a,h)anthracene | 53-70-3 | 0 |
| A | Flash Point (Ignitability) | | 0 |
| A | Fluoranthene | 206-44-0 | 0 |
| A | Fluorene | 86-73-7 | 0 |
| A | Indeno(1,2,3-cd)pyrene | 193-39-5 | 0 |
| A | Naphthalene | 91-20-3 | 0 |
| A | o-Terphenyl | 84-15-1 | 0 |
| A | Pentachlorophenol | 87-86-5 | 200 |
| A | Phenanthrene | 85-01-8 | 0 |
| A | Phenol | 108-95-2 | 200 |
| A | Pyrene | 129-00-0 | 0 |
| A | Pyridine | 110-86-1 | 0 |
| A | Triallate | 2303-17-5 | 0 |

# Energy Laboratories Inc

# Spike LOG

Standard ID: DCMSVOC13
Standard Name DCM
Date Prepared 2/1/2021
Date Expires: 11/17/2022
Department
Vendor:
Lot Number:
Balance ID:

Type: Neat
BY: John P. Heine
Status: New

Comments:

| Chemical / Solvent Used | BottleNo | Amt | Units | Exp |
|---|---|---|---|---|
| Dichloromethane EA342 | 13510 | | mL | 11/17 |

**Final Volume:** mL

**Stock Source** **Base Units** **Amount Added**

**Analytes** **CAS** Conc: **ug/mL**

ID #: 13510
Opened:
Dichloromethane EA342
Expires: 11/17/2022
Rec'd: 1/26/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

Honeywell

CERTIFICATE OF ANALYSIS

**Honeywell Burdick & Jackson®**
1953 South Harvey Street
Muskegon, MI 49442
Phone: (800) 368-0050
Fax: (231) 728-8226
lab.honeywell.com

| | |
|---|---|
| **Brand:** | Research Chemicals - B&J |
| **Product:** | CS299AA-200 |
| **Lot No.:** | EA342 |
| **Production Date:** | 17-Nov-2020 |
| **Best Before:** | 17-Nov-2022 |

Dichloromethane, Custom, Contains Amylene Preservative, >99.9%
for pesticide residue analysis

| Parameter | Specification Min. | Max. | Result | Units |
|---|---|---|---|---|
| Water by Karl Fischer Titration | | 0.010 | 0.0016 | % |
| UV Cutoff | | 233 | 230 | nm |
| Refractive Index (20°C) | 1.4236 | 1.4246 | 1.4241 | |
| Residue | | 1 | <0.5 | mg/L |
| GC Analysis | 99.9 | | >99.99 | % |
| Acidity (as HCl) | | 1 | <1 | mg/L |
| Chloride | | 10 | <10 | mg/L |
| Electron Capture GC | | 10 | <10 | ng/L |
| Flame Ionization GC | | 5 | <5 | ppb |
| UV Absorbance @ 240 nm | | 0.100 | 0.0920 | AU |
| UV Absorbance @ 250 nm | | 0.010 | 0.0099 | AU |
| UV Absorbance @ 300 nm | | 0.005 | 0.0008 | AU |
| UV Absorbance @ 400 nm | | 0.005 | 0.0028 | AU |

**Honeywell**
**Quality Control Approval**

Janna Dickinson

Muskegon 11/17/2020 LIMS Sample No.: AL03611

# Energy Laboratories Inc

# Standard LOG

| | | | |
|---|---|---|---|
| Standard ID: | SV83407 | | |
| Standard Name | BN Surr 5000 ug/mL | Type: | Primary |
| Date Prepared | 12/14/2020 | BY: | John P. Heine |
| Date Expires: | 10/31/2026 | | |
| Department | GCMSSEMI | Status: | New |
| Vendor: | Restek | | |
| Lot Number: | A0166081 | | |
| Balance ID: | | | |

Comments:

| Chemical / Solvent Used | BottleNo | Amt | Units | Exp |
|---|---|---|---|---|
| B/N Surrogate Mix (4/89 SOW) | 13328 | 1 | mL | 10/31 |

**Final Volume:** 5 mL

**Stock Source** **Base Units** **Amount Added**

| | **Analytes** | **CAS** | Conc: | **ug/mL** |
|---|---|---|---|---|
| S | 2-Fluorobiphenyl | 321-60-8 | | 5000 |
| S | Nitrobenzene-d5 | 4165-60-0 | | 5000 |
| S | Terphenyl-d14 | 1718-51-0 | | 5000 |

RESTEK®
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

# CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 31086 **Lot No.:** A0166081

**Description :** B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

**Container Size :** 5 mL **Pkg Amt:** > 5 mL

**Expiration Date :** October 31, 2026 **Storage:** 10°C or colder

**Handling:** Sonicate prior to use. **Ship:** Ambient

**ID #: 13328**
Opened:
B/N Surrogate Mix (4/89 SOW)
**Expires: 10/31/2026**
Rec'd: 12/14/2020
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

## CERTIFIED VALUES

| Elution Order | Compound | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | |
|---|---|---|---|---|
| 1 | Nitrobenzene-d5<br>**CAS #** 4165-60-0 (Lot PR-29940B)<br>**Purity** 99% | 5,017.7 µg/mL | +/- 29.1731 µg/mL<br>+/- 225.9987 µg/mL<br>+/- 250.7735 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 2 | 2-Fluorobiphenyl<br>**CAS #** 321-60-8 (Lot 00019169)<br>**Purity** 99% | 5,049.7 µg/mL | +/- 29.3592 µg/mL<br>+/- 227.4400 µg/mL<br>+/- 252.3728 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 3 | p-Terphenyl-d14<br>**CAS #** 1718-51-0 (Lot PR-27278)<br>**Purity** 99% | 5,029.9 µg/mL | +/- 29.2444 µg/mL<br>+/- 226.5505 µg/mL<br>+/- 251.3857 µg/mL | Gravimetric<br>Unstressed<br>Stressed |

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

**Tech Tips:**
Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

**Column:**
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

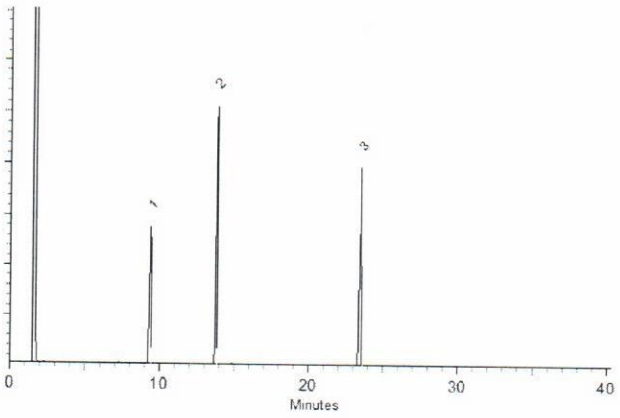
**Carrier Gas:**
hydrogen-constant pressure 10 psi.

**Temp. Program:**
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

**Inj. Temp:**
250°C

**Det. Temp:**
330°C

**Det. Type:**
FID




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Dalton Stover - Operations Technician I

**Date Mixed:** 04-Nov-2020 **Balance:** 1128353505

Justine Albertson - Operations Tech-ARM QC

**Date Passed:** 06-Nov-2020

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

**General Certified Reference Material Notes**

**Expiration Notes:**

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

**Purity Notes:**

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

**Certified Uncertainty Value Notes:**

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified combined stressed uncertainty value ( includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

  $k$ is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

| Label Conditions | Standard Conditions | Non-Standard Conditions |
|---|---|---|
| 25°C Nominal (Room Temperature) | < 60°C | ≥ 60°C up to 7 days |
| 10°C or colder (Refrigerate) | < 40°C | ≥ 40°C up to 7 days |
| 0°C or colder (Freezer)<br>-20°C or colder (Deep Freezer) | < 25°C | ≥ 25°C up to 7 days |

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

**Manufacturing Notes:**

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

**Handling Notes:**

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampules. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.

# Energy Laboratories Inc

# Spike LOG

Standard ID: SV83301
Standard Name PAH Mix
Date Prepared 7/13/2020
Date Expires: 9/30/2022
Department GCMSSEMI
Vendor: Sigma-Aldrich
Lot Number: LRAC3877
Balance ID:

Type: Primary
BY: John P. Heine

Status: New

Comments: 4 x 1mlL

| Chemical / Solvent Used | BottleNo | Amt | Units | Exp |
|---|---|---|---|---|
| TCL PAH Mix | 12846 | 6 | mL | 9/30/ |

**Final Volume:** 6 mL

| Stock Source | Analytes | | Base Units CAS | Amount Added Conc: | ug/mL |
|---|---|---|---|---|---|
| A | Acenaphthene | | 83-32-9 | | 2000 |
| A | Acenaphthylene | | 208-96-8 | | 2000 |
| A | Anthracene | | 120-12-7 | | 2000 |
| A | Benzo(a)anthracene | | 56-55-3 | | 2000 |
| A | Benzo(a)pyrene | | 50-32-8 | | 2000 |
| A | Benzo(b)fluoranthene | | 205-99-2 | | 2000 |
| X | Benzo(e)pyrene | | 192-97-2 | | 2000 |
| A | Benzo(g,h,i)perylene | | 191-24-2 | | 2000 |
| A | Benzo(k)fluoranthene | | 207-08-9 | | 2000 |
| A | Chrysene | | 218-01-9 | | 2000 |
| A | Dibenzo(a,h)anthracene | | 53-70-3 | | 2000 |
| A | Fluoranthene | | 206-44-0 | | 2000 |
| A | Fluorene | | 86-73-7 | | 2000 |
| A | Indeno(1,2,3-cd)pyrene | | 193-39-5 | | 2000 |
| A | Naphthalene | | 91-20-3 | | 2000 |
| A | Phenanthrene | | 85-01-8 | | 2000 |
| A | Pyrene | | 129-00-0 | | 2000 |

# Certificate of Analysis

## TCL PAH
## MIX,1X1ML,2000UG/ML,BENZENE:DICHLOROMETHANE

*Certified Reference Material*

### Description

**Product ID** CRM48905
**Lot** **LRAC3877**
**Expiration Date** September 2022
**Manufacturing Date** September 2019
**Storage Conditions** Refrigerate
**Solvent/Matrix** methylene chloride: benzene (1:1)

### Certified Values

| *Analyte* | *Certified Value* [1,4] | *Units* | *Raw Material Purity,%* | *Analytical Value* [6] | *Elution order* | *Raw Material Lot* | *CAS* |
|---|---|---|---|---|---|---|---|
| NAPHTHALENE | 2000 ± 32 | µg/mL | 100.0 | 2022 | 01 | 01112017-5 | 91-20- |
| ACENAPHTHYLENE | 2000 ± 66 | µg/mL | 99.8 | 2005 | 02 | LC21494 | 208-96- |
| ACENAPHTHENE | 2000 ± 63 | µg/mL | 99.9 | 2031 | 03 | MKCC8329 | 83-32- |
| FLUORENE | 2000 ± 90 | µg/mL | 99.4 | 2009 | 04 | LC19126 | 86-73- |
| PHENANTHRENE | 2000 ± 56 | µg/mL | 99.6 | 2043 | 05 | MKCD3760 | 85-01- |
| ANTHRACENE | 2000 ± 39 | µg/mL | 99.9 | 2005 | 06 | LC14310 | 120-12- |
| FLUORANTHENE | 2000 ± 69 | µg/mL | 98.5 | 2031 | 07 | LB99099 | 206-44- |
| PYRENE | 2000 ± 68 | µg/mL | 91.6 | 2078 | 08 | LB70761 | 129-00- |
| BENZO (A) ANTHRACENE | 2000 ± 63 | µg/mL | 99.9 | 2002 | 09 | LC19271 | 56-55- |
| CHRYSENE | 2000 ± 59 | µg/mL | 99.0 | 2026 | 10 | 21L74 | 218-01- |
| BENZO (B) FLUORANTHENE | 2000 ± 62 | µg/mL | 99.5 | 1998 | 11 | LB95773 | 205-99- |
| BENZO (K) FLUORANTHENE | 2000 ± 62 | µg/mL | 99.9 | 2043 | 12 | 0000029501 | 207-08- |
| BENZO(A)PYRENE | 2002 ± 64 | µg/mL | 99.6 | 2037 | 13 | LB73826 | 50-32- |
| DIBENZ (A,H) ANTHRACENE | 2000 ± 64 | µg/mL | 99.0 | 2050 | 14 | 0012014 | 53-70- |
| BENZO (G,H,I) PERYLENE | 2000 ± 67 | µg/mL | 98.5 | 2059 | 15 | LC19498 | 191-24- |
| INDENO (1,2,3-CD) PYRENE | 2000 ± 64 | µg/mL | 99.5 | 1995 | 16 | ER082107-02 | 193-39- |

ID #: 12846
Opened:
TCL PAH
**Expires: 9/30/2022**
Rec'd: 7/13/2020
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

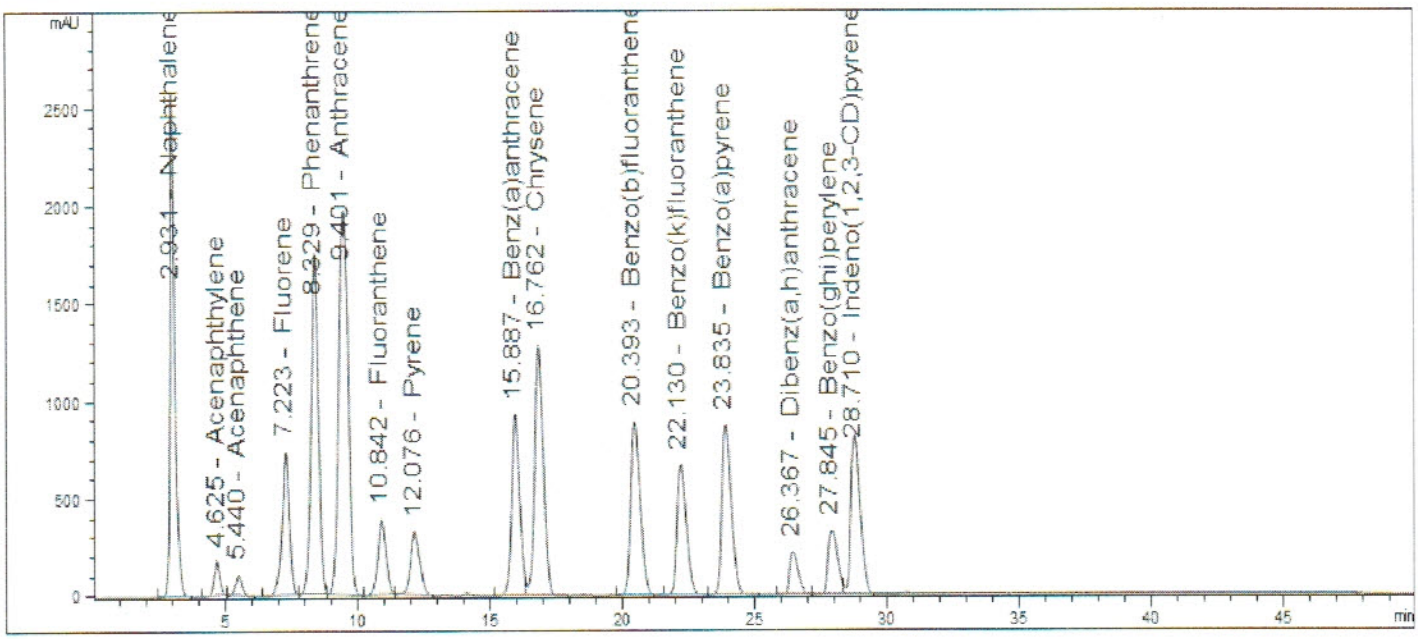
ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER
ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY

SIGMA-ALDRICH
2931 Soldier Springs Rd. Laramie, Wyoming 82070 USA
307-742-5452
rtctechgroup@sial.com
www.sigma-aldrich.com

## Description

| | |
|---|---|
| **Lot** | **LRAC3877** |
| **Expiration Date** | September 2022 |
| **Manufacturing Date** | September 2019 |
| **Storage Conditions** | Refrigerate |
| **Solvent/Matrix** | methylene chloride: benzene (1:1) |

## Informational Values




***Additional Information***:

Analytical Method Parameters:
Column: Supelco LC-PAH, 250 mm x 4.6mm, 5µm particle size
Mobile Phase A: Water
Mobile Phase B: Acetonitrile
Detector: UV/DAD/VWD, Wavelength: 254 nm
Flow Rate: 1.7 mL/min
Column Temperature: 30 °C
Injection Volume: 2 µL

Gradient

| TIME (min) | A% | B% |
|---|---|---|
| 0 | 40 | 60 |
| 5 | 40 | 60 |
| 30 | 0 | 100 |
| 45 | 0 | 100 |
| 50 | 40 | 60 |

# Certificate of Analysis

## TCL PAH
## MIX,1X1ML,2000UG/ML,BENZENE:DICHLOROMETHANE

*Certified Reference Material*

### Description

| | |
|---|---|
| **Product ID** | CRM48905 |
| **Lot** | **LRAC3877** |
| **Expiration Date** | September 2022 |
| **Manufacturing Date** | September 2019 |
| **Storage Conditions** | Refrigerate |
| **Solvent/Matrix** | methylene chloride: benzene (1:1) |

1 **Metrological traceability:** Traceable to the SI and higher order standards from NIST through an unbroken chain of comparisons. The balance used to weigh raw materials is accurate to +/-0.0001 g and calibrated regularly using mass standards traceable to NIST. All dilutions were performed gravimetrically. Additionally, individual analytes are traceable to NIST SRMs where available and specified above.
4 Ucrm - Uncertainty values in this document are expressed as Expanded Uncertainty (Ucrm) corresponding to the 95% confidence interval. Ucrm is derived from the combined standard uncertainty multiplied by the coverage factor k, which is obtained from a *t*-distribution and degrees of freedom. The components of combined standard uncertainty include the uncertainties due to characterization, homogeneity, long term stability, and short term stability (transport). The components due to stability are generally considered to be negligible unless otherwise indicated by stability studies. The mathematical representation of the Ucrm calculation is as follows:

$$u_{CRM} = \sqrt{u_{char}^2 + u_{homogeneity}^2 + u_{stability}^2}$$

***k***: Coverage factor derived from a t-distribution table, based on the degrees of freedom of the data set. Assume 2.0 for a **Confidence interval** = 95%

6 Analytical Value- For QC verification of the certified value only- not to be used in calculations. Represents the analytical data obtained by comparison to a standard as analyzed by the method described in the CoA or another acceptable method. The result may differ from the certified value and UCRM based on method uncertainty as well as the uncertainty associated with the standard used for comparison.

Traceability: The standard was manufactured under an ISO/IEC 17025:2017 certified quality system. The balance used to weigh raw materials is accurate to +/- 0.0001g and calibrated regularly using mass standards traceable to NIST. All dilutions were preformed gravimetrically. Additionally, individual analytes are traceable to NIST SRMs where available and specified above.

Homogeneity: Homogeneity was assessed in accordance with ISO 17034:2016. Completed units were sampled using a random stratified sampling protocol. The results of chemical analysis were then compared using a one-way analysis of variance approach as described by TNI EL-V3-2009 Appendix A.2. See Instructions for minimum sub-sample size.

Expiration is at end of month given on certificate and label.

THIS PRODUCT WAS DESIGNED, PRODUCED AND VERIFIED FOR ACCURACY AND STABILITY IN ACCORDANCE WITH **ISO/IEC 17025:2017 (ANAB Cert AT-1467)** and **ISO 17034:2016 (ANAB Cert AR-1470).**

MSDS reports for components comprising greater than 1.0% of the solution or 0.1% for components known to be carcinogens are available upon request.

Andy Ommen - QC Manager

Mark Pooler - QA Supervisor

| | |
|---|---|
| **Certification Date** | October 17, 2019 |
| **Version** | 0-10172019 |

ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY

SIGMA-ALDRICH
2931 Soldier Springs Rd. Laramie, Wyoming 82070 USA
307-742-5452
rtctechgroup@sial.com www.sigma-aldrich.com

# Energy Laboratories Inc

# Spike LOG

Standard ID: SV100210
Standard Name BNA 2nd source 200ug/mL
Date Prepared 3/22/2021
Date Expires: 1/15/2022
Department GCMSSEMI
Vendor:
Lot Number:
Balance ID:

Type: Secondary
BY: John P. Heine
Status: New

Comments:

| Chemical / Solvent Used | BottleNo | Amt | Units | Exp |
|---|---|---|---|---|
| Dichloromethane EA342 | 13510 | 540 | uL | 11/17 |

**Final Volume:** 1 mL

| Stock Source | | Base Units | Amount Added |
|---|---|---|---|
| sv82908 | AE surr | ug/mL | 0.02 mL |
| sv83407 | BN Surr 5000 ug/mL | ug/mL | 0.04 mL |
| sv83408 | 625 LCS Spk | ug/mL | 0.2 mL |
| sv83409 | Additionals | ug/mL | 0.1 mL |
| sv83008 | Benzidines | ug/mL | 0.1 mL |

| | Analytes | CAS | Conc: | ug/mL |
|---|---|---|---|---|
| A | 1,2,4-Trichlorobenzene | 120-82-1 | | 0 |
| A | 1,2-Dichlorobenzene | 95-50-1 | | 0 |
| A | 1,3-Dichlorobenzene | 541-73-1 | | 0 |
| A | 1,4-Dichlorobenzene | 106-46-7 | | 0 |
| A | 2,4,5-Trichlorophenol | 95-95-4 | | 0 |
| A | 2,4,6-Trichlorophenol | 88-06-2 | | 0 |
| A | 2,4-Dichlorophenol | 120-83-2 | | 0 |
| A | 2,4-Dimethylphenol | 105-67-9 | | 0 |
| A | 2,4-Dinitrophenol | 51-28-5 | | 0 |
| A | 2,4-Dinitrotoluene | 121-14-2 | | 0 |
| A | 2,6-Dinitrotoluene | 606-20-2 | | 0 |
| A | 2-Chloronaphthalene | 91-58-7 | | 0 |
| A | 2-Chlorophenol | 95-57-8 | | 0 |
| A | 2-Methylnaphthalene | 91-57-6 | | 0 |
| A | 2-Nitroaniline | 88-74-4 | | 0 |
| A | 2-Nitrophenol | 88-75-5 | | 0 |
| A | 3-Nitroaniline | 99-09-2 | | 0 |
| A | 4,6-Dinitro-2-methylphenol | 534-52-1 | | 0 |
| A | 4-Bromophenyl phenyl ether | 101-55-3 | | 0 |
| A | 4-Chloro-3-methylphenol | 59-50-7 | | 0 |
| A | 4-Chlorophenyl phenyl ether | 7005-72-3 | | 0 |
| A | 4-Nitroaniline | 100-01-6 | | 0 |
| A | 4-Nitrophenol | 100-02-7 | | 0 |
| A | Acenaphthene | 83-32-9 | | 0 |
| A | Acenaphthylene | 208-96-8 | | 0 |
| A | Anthracene | 120-12-7 | | 0 |
| A | Azobenzene | 103-33-3 | | 0 |

# Energy Laboratories Inc

# Spike LOG

Standard ID: SV100210
Standard Name BNA 2nd source 200ug/mL
Date Prepared 3/22/2021
Date Expires: 1/15/2022
Department GCMSSEMI
Vendor:
Lot Number:
Balance ID:

Type: Secondary
BY: John P. Heine
Status: New

Comments:

| | | | |
|---|---|---|---|
| A | Benzo(a)anthracene | 56-55-3 | 0 |
| A | Benzo(a)pyrene | 50-32-8 | 0 |
| A | Benzo(b)fluoranthene | 205-99-2 | 0 |
| A | Benzo(g,h,i)perylene | 191-24-2 | 0 |
| A | Benzo(k)fluoranthene | 207-08-9 | 0 |
| A | bis(-2-chloroethoxy)Methane | 111-91-1 | 0 |
| A | bis(-2-chloroethyl)Ether | 111-44-4 | 0 |
| A | bis(2-chloroisopropyl)Ether | 108-60-1 | 0 |
| A | bis(2-ethylhexyl)Phthalate | 117-81-7 | 0 |
| A | Butylbenzylphthalate | 85-68-7 | 0 |
| A | Carbazole | 86-74-8 | 0 |
| A | Chrysene | 218-01-9 | 0 |
| A | Di-n-butyl phthalate | 84-74-2 | 0 |
| A | Di-n-octyl phthalate | 117-84-0 | 0 |
| A | Dibenzo(a,h)anthracene | 53-70-3 | 0 |
| A | Dibenzofuran | 132-64-9 | 0 |
| A | Diethyl phthalate | 84-66-2 | 0 |
| A | Dimethyl phthalate | 131-11-3 | 0 |
| A | Fluoranthene | 206-44-0 | 0 |
| A | Fluorene | 86-73-7 | 0 |
| A | Hexachlorobenzene | 118-74-1 | 0 |
| A | Hexachlorobutadiene | 87-68-3 | 0 |
| A | Hexachlorocyclopentadiene | 77-47-4 | 0 |
| A | Hexachloroethane | 67-72-1 | 0 |
| A | Indeno(1,2,3-cd)pyrene | 193-39-5 | 0 |
| A | Isophorone | 78-59-1 | 0 |
| A | m+p-Cresols | 108-39-4/106-44-5 | 0 |
| A | n-Nitroso-di-n-propylamine | 621-64-7 | 0 |
| A | n-Nitrosodimethylamine | 62-75-9 | 0 |
| A | Naphthalene | 91-20-3 | 0 |
| A | Nitrobenzene | 98-95-3 | 0 |
| A | o-Cresol | 95-48-7 | 0 |
| A | p-Chloroaniline | 106-47-8 | 0 |
| A | Pentachlorophenol | 87-86-5 | 0 |
| A | Phenanthrene | 85-01-8 | 0 |
| A | Phenol | 108-95-2 | 0 |
| A | Pyrene | 129-00-0 | 0 |

# Energy Laboratories Inc

# Spike LOG

Standard ID: SV83408
Standard Name 625 LCS Spk
Date Prepared 2/9/2021
Date Expires: 2/2/2026
Department GCMSPR
Vendor: Absolute Standard
Lot Number: 050120
Balance ID:

Type: Primary
BY: Ryan F. Benge
Status: Open

Comments: 12x1mL ampules

| Chemical / Solvent Used | BottleNo | Amt | Units | Exp |
|---|---|---|---|---|
| CLP Semi-Volatiel Calibration Standar | 13539 | 1 | mL | 2/2/2 |

**Final Volume:** 1 mL

**Stock Source** **Base Units** **Amount Added**

| | **Analytes** | **CAS** | Conc: | **ug/mL** |
|---|---|---|---|---|
| A | 1,2,4-Trichlorobenzene | 120-82-1 | | 1000 |
| A | 1,2-Dichlorobenzene | 95-50-1 | | 1000 |
| A | 1,3-Dichlorobenzene | 541-73-1 | | 1000 |
| A | 1,4-Dichlorobenzene | 106-46-7 | | 1000 |
| A | 2,4,5-Trichlorophenol | 95-95-4 | | 1000 |
| A | 2,4,6-Trichlorophenol | 88-06-2 | | 1000 |
| A | 2,4-Dichlorophenol | 120-83-2 | | 1000 |
| A | 2,4-Dimethylphenol | 105-67-9 | | 1000 |
| A | 2,4-Dinitrophenol | 51-28-5 | | 1000 |
| A | 2,4-Dinitrotoluene | 121-14-2 | | 1000 |
| A | 2,6-Dinitrotoluene | 606-20-2 | | 1000 |
| A | 2-Chloronaphthalene | 91-58-7 | | 1000 |
| A | 2-Chlorophenol | 95-57-8 | | 1000 |
| A | 2-Methylnaphthalene | 91-57-6 | | 1000 |
| A | 2-Nitroaniline | 88-74-4 | | 1000 |
| A | 2-Nitrophenol | 88-75-5 | | 1000 |
| A | 3-Nitroaniline | 99-09-2 | | 1000 |
| A | 4,6-Dinitro-2-methylphenol | 534-52-1 | | 1000 |
| A | 4-Bromophenyl phenyl ether | 101-55-3 | | 1000 |
| A | 4-Chloro-3-methylphenol | 59-50-7 | | 1000 |
| A | 4-Chlorophenyl phenyl ether | 7005-72-3 | | 1000 |
| A | 4-Nitroaniline | 100-01-6 | | 1000 |
| A | 4-Nitrophenol | 100-02-7 | | 1000 |
| A | Acenaphthene | 83-32-9 | | 1000 |
| A | Acenaphthylene | 208-96-8 | | 1000 |
| A | Anthracene | 120-12-7 | | 1000 |
| A | Azobenzene | 103-33-3 | | 1000 |
| A | Benzo(a)anthracene | 56-55-3 | | 1000 |
| A | Benzo(a)pyrene | 50-32-8 | | 1000 |
| A | Benzo(b)fluoranthene | 205-99-2 | | 1000 |
| A | Benzo(g,h,i)perylene | 191-24-2 | | 1000 |
| A | Benzo(k)fluoranthene | 207-08-9 | | 1000 |

# Energy Laboratories Inc

# Spike LOG

| | | | |
|---|---|---|---|
| Standard ID: | SV83408 | | |
| Standard Name | 625 LCS Spk | Type: | Primary |
| Date Prepared | 2/9/2021 | BY: | Ryan F. Benge |
| Date Expires: | 2/2/2026 | | |
| Department | GCMSPR | Status: | Open |
| Vendor: | Absolute Standard | | |
| Lot Number: | 050120 | | |
| Balance ID: | | | |
| Comments: | 12x1mL ampules | | |

| | | | |
|---|---|---|---|
| A | bis(-2-chloroethoxy)Methane | 111-91-1 | 1000 |
| A | bis(-2-chloroethyl)Ether | 111-44-4 | 1000 |
| A | bis(2-chloroisopropyl)Ether | 108-60-1 | 1000 |
| A | bis(2-ethylhexyl)Phthalate | 117-81-7 | 1000 |
| A | Butylbenzylphthalate | 85-68-7 | 1000 |
| A | Carbazole | 86-74-8 | 1000 |
| A | Chrysene | 218-01-9 | 1000 |
| A | Di-n-butyl phthalate | 84-74-2 | 1000 |
| A | Di-n-octyl phthalate | 117-84-0 | 1000 |
| A | Dibenzo(a,h)anthracene | 53-70-3 | 1000 |
| A | Dibenzofuran | 132-64-9 | 1000 |
| A | Diethyl phthalate | 84-66-2 | 1000 |
| A | Dimethyl phthalate | 131-11-3 | 1000 |
| A | Fluoranthene | 206-44-0 | 1000 |
| A | Fluorene | 86-73-7 | 1000 |
| A | Hexachlorobenzene | 118-74-1 | 1000 |
| A | Hexachlorobutadiene | 87-68-3 | 1000 |
| A | Hexachlorocyclopentadiene | 77-47-4 | 1000 |
| A | Hexachloroethane | 67-72-1 | 1000 |
| A | Indeno(1,2,3-cd)pyrene | 193-39-5 | 1000 |
| A | Isophorone | 78-59-1 | 1000 |
| A | m+p-Cresols | 108-39-4/106-44-5 | 1000 |
| A | n-Nitroso-di-n-propylamine | 621-64-7 | 1000 |
| A | n-Nitrosodimethylamine | 62-75-9 | 1000 |
| A | Naphthalene | 91-20-3 | 1000 |
| A | Nitrobenzene | 98-95-3 | 1000 |
| A | o-Cresol | 95-48-7 | 1000 |
| A | p-Chloroaniline | 106-47-8 | 1000 |
| A | Pentachlorophenol | 87-86-5 | 1000 |
| A | Phenanthrene | 85-01-8 | 1000 |
| A | Phenol | 108-95-2 | 1000 |
| A | Pyrene | 129-00-0 | 1000 |

CERTIFIED WEIGHT REPORT

**Part Number:** 92180
**Lot Number:** 020221
**Description:** CLP Semi-Volatile Calibration Standard
64 components
**Expiration Date:** 020226
**Recommended Storage:** Freezer (0 °C)
**Nominal Concentration (µg/mL):** 1000
**NIST Test ID#:** 23060

**Solvent:** Methylene chloride **Lot#** 104929

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 100.0 0.003 Flask Uncertainty

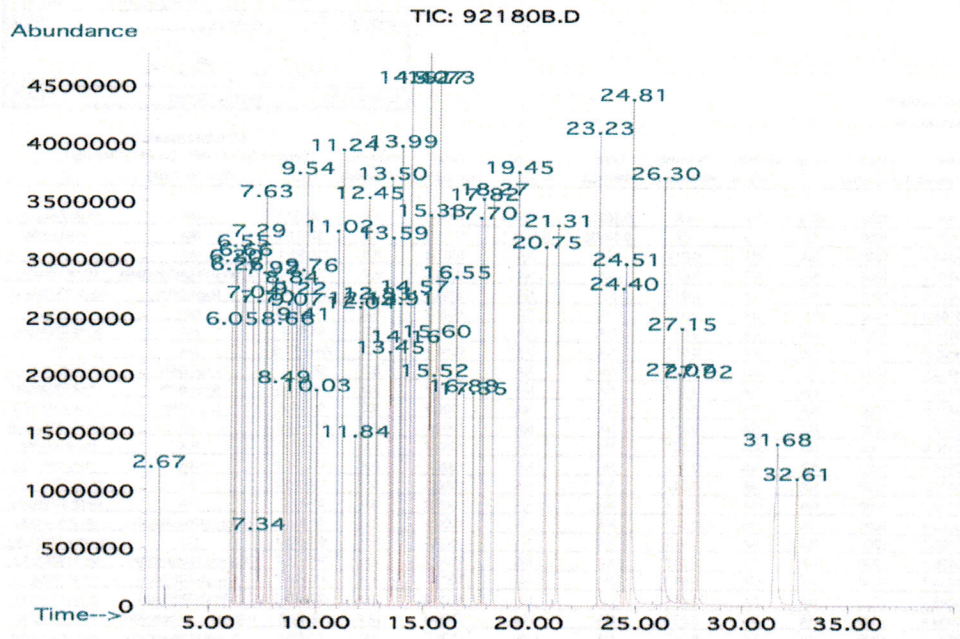
| | | |
|---|---|---|
| Formulated By: | Eli Aliaga | 020221 DATE |
| Reviewed By: | Pedro L. Rentas | 020221 DATE |

| | Compound | (RM#) Part Number | Lot Number | Dil. Factor | Initial Vol. (mL) | Initial Conc.(ug/mL) | Nominal Conc (µg/mL) | Purity (%) | Uncertainty Purity (%) | Uncertainty Pipette (mL) | Target Weight(g) | Actual Weight(g) | Actual Conc (µg/mL) | Expanded Uncertainty (+/-) (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | 2,2'-Oxybis(1-chloropropane) | (0078) | 012016AR | NA | NA | NA | 1000 | 98.9 | 0.2 | NA | 0.10112 | 0.10135 | 1002.3 | 4.2 | 108-60-1 | N/A | orl-rat 240mg/kg |
| 2. | Hexachlorobenzene | (0195) | 051697 | NA | NA | NA | 1000 | 99 | 0.2 | NA | 0.10102 | 0.10121 | 1001.9 | 4.2 | 118-74-1 | N/A | orl-rat 10g/kg |
| 3. | bis(2-Chloroethoxy) methane | 10111 | 011214 | 0.05 | 5.00 | 20018.4 | 1000 | NA | NA | 0.017 | NA | NA | 1000.8 | 8.0 | 111-91-1 | N/A | N/A |
| 4. | bis(2-Chloroethyl) ether | 10111 | 011214 | 0.05 | 5.00 | 20012.4 | 1000 | NA | NA | 0.017 | NA | NA | 1000.5 | 8.0 | 111-44-4 | 15 ppm (90mg/m3/8H)(skin) | orl-rat 75mg/kg |
| 5. | bis(2-Ethylhexyl) phthalate | 10111 | 011214 | 0.05 | 5.00 | 20014.3 | 1000 | NA | NA | 0.017 | NA | NA | 1000.6 | 8.0 | 117-81-7 | 5mg/m3/8H | orl-rat 30600mg/kg |
| 6. | 4-Bromophenyl phenyl ether | 10111 | 011214 | 0.05 | 5.00 | 20008.8 | 1000 | NA | NA | 0.017 | NA | NA | 1000.3 | 8.0 | 101-55-3 | N/A | N/A |
| 7. | Benzyl butyl phthalate | 10111 | 011214 | 0.05 | 5.00 | 20011.3 | 1000 | NA | NA | 0.017 | NA | NA | 1000.5 | 8.0 | 85-68-7 | N/A | orl-rat 2330mg/kg |
| 8. | 4-Chlorophenyl phenyl ether | 10111 | 011214 | 0.05 | 5.00 | 20009.5 | 1000 | NA | NA | 0.017 | NA | NA | 1000.4 | 8.0 | 7005-72-3 | N/A | N/A |
| 9. | Diethyl phthalate | 10111 | 011214 | 0.05 | 5.00 | 20013.6 | 1000 | NA | NA | 0.017 | NA | NA | 1000.6 | 8.0 | 84-66-2 | 5mg/m3/8H | orl-rat 8600mg/kg |
| 10. | Dimethyl phthalate | 10111 | 011214 | 0.05 | 5.00 | 20015.7 | 1000 | NA | NA | 0.017 | NA | NA | 1000.7 | 8.0 | 131-11-3 | 5mg/m3/8H | orl-rat 6800mg/kg |
| 11. | Di-n-butyl phthalate | 10111 | 011214 | 0.05 | 5.00 | 20011.6 | 1000 | NA | NA | 0.017 | NA | NA | 1000.5 | 8.0 | 84-74-2 | 5mg/m3/8H | orl-rat 8000mg/kg |
| 12. | Di-n-octyl phthalate | 10111 | 011214 | 0.05 | 5.00 | 20012.2 | 1000 | NA | NA | 0.017 | NA | NA | 1000.5 | 8.0 | 117-84-0 | N/A | orl-rat 47000mg/kg |
| 13. | N-Nitrosodimethylamine | 10111 | 011214 | 0.05 | 5.00 | 20010.0 | 1000 | NA | NA | 0.017 | NA | NA | 1000.4 | 8.0 | 62-75-9 | N/A | orl-rat 58mg/kg |
| 14. | N-Nitrosodi-n-propylamine | 10111 | 011214 | 0.05 | 5.00 | 20010.5 | 1000 | NA | NA | 0.017 | NA | NA | 1000.4 | 8.0 | 621-64-7 | N/A | orl-rat 480mg/kg |
| 15. | 1,2-Diphenylhydrazine (as Azobenzene) | 10112 | 042820 | 0.05 | 5.00 | 20003.9 | 1000 | NA | NA | 0.017 | NA | NA | 1000.1 | 8.1 | 103-33-3 | N/A | orl-rat 1000mg/kg |
| 16. | 2-Chloronaphthalene | 10112 | 042820 | 0.05 | 5.00 | 20002.3 | 1000 | NA | NA | 0.017 | NA | NA | 1000.0 | 8.0 | 91-58-7 | N/A | orl-rat 2078mg/kg |
| 17. | 1,2-Dichlorobenzene | 10112 | 042820 | 0.05 | 5.00 | 20005.4 | 1000 | NA | NA | 0.017 | NA | NA | 1000.2 | 8.0 | 95-50-1 | 50 ppm (300mg/m3) (CL) | orl-rat 500mg/kg |
| 18. | 1,3-Dichlorobenzene | 10112 | 042820 | 0.05 | 5.00 | 20003.7 | 1000 | NA | NA | 0.017 | NA | NA | 1000.1 | 8.0 | 541-73-1 | N/A | ipr-mus 1062mg/kg |
| 19. | 1,4-Dichlorobenzene | 10112 | 042820 | 0.05 | 5.00 | 20005.4 | 1000 | NA | NA | 0.017 | NA | NA | 1000.2 | 8.0 | 106-46-7 | 75 ppm (450mg/m3/8H) | orl-rat 500mg/kg |
| 20. | 2,4-Dinitrotoluene | 10112 | 042820 | 0.05 | 5.00 | 20003.3 | 1000 | NA | NA | 0.017 | NA | NA | 1000.1 | 8.1 | 121-14-2 | 1.5mg/m3/8H (skin) | orl-rat 268mg/kg |
| 21. | 2,6-Dinitrotoluene | 10112 | 042820 | 0.05 | 5.00 | 20002.4 | 1000 | NA | NA | 0.017 | NA | NA | 1000.0 | 8.0 | 606-20-2 | 1.5mg/m3/8H (skin) | orl-rat 177mg/kg |
| 22. | Hexachloro-1,3-butadiene | 10112 | 042820 | 0.05 | 5.00 | 20009.4 | 1000 | NA | NA | 0.017 | NA | NA | 1000.4 | 12.4 | 87-68-3 | 0.02 ppm (0.24mg/m3/8H) | orl-rat 82mg/kg |
| 23. | Hexachlorocyclopentadiene | 10112 | 042820 | 0.05 | 5.00 | 20001.8 | 1000 | NA | NA | 0.017 | NA | NA | 1000.0 | 8.0 | 77-47-4 | 0.01 ppm (0.1mg/m3/8H) | orl-rat 1300mg/kg |
| 24. | Hexachloroethane | 10112 | 042820 | 0.05 | 5.00 | 20002.4 | 1000 | NA | NA | 0.017 | NA | NA | 1000.0 | 8.0 | 67-72-1 | 1 ppm (10mg/m3/8H)(skin) | orl-gpg 4970mg/kg |
| 25. | Isophorone | 10112 | 042820 | 0.05 | 5.00 | 20003.8 | 1000 | NA | NA | 0.017 | NA | NA | 1000.1 | 8.1 | 78-59-1 | 25 ppm | orl-rat 2330mg/kg |
| 26. | Nitrobenzene | 10112 | 042820 | 0.05 | 5.00 | 20004.9 | 1000 | NA | NA | 0.017 | NA | NA | 1000.1 | 8.0 | 98-95-3 | 1 ppm (5mg/m3/8H)(skin) | orl-rat 780mg/kg |
| 27. | 1,2,4-Trichlorobenzene | 10112 | 042820 | 0.05 | 5.00 | 20002.0 | 1000 | NA | NA | 0.017 | NA | NA | 1000.0 | 8.0 | 120-82-1 | 5 ppm (CL) (40mg/m3) | orl-rat 756mg/kg |
| 28. | o-Cresol (2-Methylphenol) | 10114 | 081919 | 0.05 | 5.00 | 20010.2 | 1000 | NA | NA | 0.017 | NA | NA | 1000.4 | 8.0 | 95-48-7 | 5 ppm (22mg/m3/8H)(skin) | orl-rat 121mg/kg |
| 29. | p-Cresol (4-Methylphenol) | 10114 | 081919 | 0.05 | 5.00 | 20061.2 | 1000 | NA | NA | 0.017 | NA | NA | 1003.0 | 8.0 | 106-44-5 | 5 ppm (22mg/m3/8H)(skin) | orl-rat 207mg/kg |
| 30. | 2,4,5-Trichlorophenol | 10114 | 081919 | 0.05 | 5.00 | 20023.2 | 1000 | NA | NA | 0.017 | NA | NA | 1001.1 | 8.0 | 95-95-4 | N/A | orl-rat 820mg/kg |
| 31. | 4-Chloroaniline | 10115 | 060512 | 0.05 | 5.00 | 20009.6 | 1000 | NA | NA | 0.017 | NA | NA | 1000.4 | 8.0 | 106-47-8 | N/A | orl-rat 310mg/kg |
| 32. | Dibenzofuran | 10115 | 060512 | 0.05 | 5.00 | 20020.2 | 1000 | NA | NA | 0.017 | NA | NA | 1000.9 | 8.0 | 132-64-9 | N/A | N/A |
| 33. | 2-Methylnaphthalene | 10115 | 060512 | 0.05 | 5.00 | 20012.9 | 1000 | NA | NA | 0.017 | NA | NA | 1000.5 | 8.1 | 91-57-6 | N/A | orl-rat 1630mg/kg |
| 34. | 2-Nitroaniline | 10115 | 060512 | 0.05 | 5.00 | 20011.8 | 1000 | NA | NA | 0.017 | NA | NA | 1000.5 | 8.0 | 88-74-4 | N/A | orl-rat 1600mg/kg |
| 35. | 3-Nitroaniline | 10115 | 060512 | 0.05 | 5.00 | 20018.6 | 1000 | NA | NA | 0.017 | NA | NA | 1000.8 | 8.0 | 99-09-2 | N/A | orl-rat 535mg/kg |
| 36. | 4-Nitroaniline | 10115 | 060512 | 0.05 | 5.00 | 20014.9 | 1000 | NA | NA | 0.017 | NA | NA | 1000.6 | 8.0 | 100-01-6 | 1 ppm (6mg/m3/8H)(skin) | orl-rat 750mg/kg |
| 37. | 4-Chloro-3-methylphenol | 10118 | 072120 | 0.05 | 5.00 | 20003.9 | 1000 | NA | NA | 0.017 | NA | NA | 1000.1 | 8.0 | 59-50-7 | N/A | orl-rat 1830mg/kg |
| 38. | 2-Chlorophenol | 10118 | 072120 | 0.05 | 5.00 | 20002.9 | 1000 | NA | NA | 0.017 | NA | NA | 1000.0 | 8.0 | 95-57-8 | N/A | orl-rat 670mg/kg |
| 39. | 2,4-Dichlorophenol | 10118 | 072120 | 0.05 | 5.00 | 20003.1 | 1000 | NA | NA | 0.017 | NA | NA | 1000.1 | 8.0 | 120-83-2 | N/A | orl-rat 580mg/kg |
| 40. | 2,4-Dimethylphenol | 10118 | 072120 | 0.05 | 5.00 | 20003.3 | 1000 | NA | NA | 0.017 | NA | NA | 1000.1 | 8.1 | 105-67-9 | N/A | orl-rat 3200mg/kg |
| 41. | 2,4-Dinitrophenol | 10118 | 072120 | 0.05 | 5.00 | 20001.8 | 1000 | NA | NA | 0.017 | NA | NA | 1000.0 | 8.0 | 51-28-5 | N/A | orl-rat 30mg/kg |
| 42. | 4,6-Dinitro-2-methylphenol | 10118 | 072120 | 0.05 | 5.00 | 20002.5 | 1000 | NA | NA | 0.017 | NA | NA | 1000.0 | 8.0 | 534-52-1 | N/A | N/A |
| 43. | 2-Nitrophenol | 10118 | 072120 | 0.05 | 5.00 | 20003.7 | 1000 | NA | NA | 0.017 | NA | NA | 1000.1 | 8.0 | 88-75-5 | N/A | orl-rat 334mg/kg |
| 44. | 4-Nitrophenol | 10118 | 072120 | 0.05 | 5.00 | 20002.0 | 1000 | NA | NA | 0.017 | NA | NA | 1000.0 | 8.0 | 100-02-7 | N/A | orl-rat 250mg/kg |
| 45. | Pentachlorophenol | 10118 | 072120 | 0.05 | 5.00 | 20002.8 | 1000 | NA | NA | 0.017 | NA | NA | 1000.0 | 8.0 | 87-86-5 | 0.5mg/m3/8H (skin) | orl-rat 27mg/kg |
| 46. | Phenol | 10118 | 072120 | 0.05 | 5.00 | 20003.9 | 1000 | NA | NA | 0.017 | NA | NA | 1000.1 | 8.0 | 108-95-2 | 5 ppm (19mg/m3/8H)(skin) | orl-rat 317mg/kg |
| 47. | 2,4,6-Trichlorophenol | 10118 | 072120 | 0.05 | 5.00 | 20004.2 | 1000 | NA | NA | 0.017 | NA | NA | 1000.1 | 8.0 | 88-06-2 | N/A | orl-rat 820mg/kg |
| 48. | Acenaphthene | 10007 | 042420 | 0.50 | 50.00 | 2001.2 | 1000 | NA | NA | 0.018 | NA | NA | 1000.5 | 4.1 | 83-32-9 | N/A | ipr-rat 600mg/kg |
| 49. | Acenaphthylene | 10007 | 042420 | 0.50 | 50.00 | 2000.2 | 1000 | NA | NA | 0.018 | NA | NA | 1000.0 | 4.2 | 208-96-8 | N/A | N/A |
| 50. | Anthracene | 10007 | 042420 | 0.50 | 50.00 | 2000.3 | 1000 | NA | NA | 0.018 | NA | NA | 1000.1 | 4.1 | 120-12-7 | 0.2mg/m3 (8H) | ipr-mus 430mg/kg |
| 51. | Benzo(a)anthracene | 10007 | 042420 | 0.50 | 50.00 | 2001.3 | 1000 | NA | NA | 0.018 | NA | NA | 1000.6 | 4.2 | 56-55-3 | N/A | N/A |
| 52. | Benzo(a)pyrene | 10007 | 042420 | 0.50 | 50.00 | 2000.0 | 1000 | NA | NA | 0.018 | NA | NA | 999.9 | 4.1 | 50-32-8 | 0.2mg/m3 (8H) | scu-rat 50mg/kg |
| 53. | Benzo(b)fluoranthene | 10007 | 042420 | 0.50 | 50.00 | 2000.9 | 1000 | NA | NA | 0.018 | NA | NA | 1000.4 | 4.1 | 205-99-2 | N/A | N/A |
| 54. | Benzo(k)fluoranthene | 10007 | 042420 | 0.50 | 50.00 | 2001.2 | 1000 | NA | NA | 0.018 | NA | NA | 1000.5 | 4.1 | 207-08-9 | N/A | N/A |
| 55. | Benzo(g,h,i)perylene | 10007 | 042420 | 0.50 | 50.00 | 2000.0 | 1000 | NA | NA | 0.018 | NA | NA | 999.9 | 4.1 | 191-24-2 | N/A | N/A |
| 56. | Carbazole | 10007 | 042420 | 0.50 | 50.00 | 2000.3 | 1000 | NA | NA | 0.018 | NA | NA | 1000.0 | 4.2 | 86-74-8 | N/A | ipr-mus 200mg/kg |
| 57. | Chrysene | 10007 | 042420 | 0.50 | 50.00 | 2000.8 | 1000 | NA | NA | 0.018 | NA | NA | 1000.3 | 4.2 | 218-01-9 | 0.2mg/m3 | N/A |
| 58. | Dibenzo(a,h)anthracene | 10007 | 042420 | 0.50 | 50.00 | 2000.8 | 1000 | NA | NA | 0.018 | NA | NA | 1000.3 | 4.2 | 53-70-3 | 0.2mg/m3 | N/A |
| 59. | Fluoranthene | 10007 | 042420 | 0.50 | 50.00 | 2000.3 | 1000 | NA | NA | 0.018 | NA | NA | 1000.1 | 4.2 | 206-44-0 | N/A | orl-rat 2000mg/kg |
| 60. | Fluorene | 10007 | 042420 | 0.50 | 50.00 | 2000.9 | 1000 | NA | NA | 0.018 | NA | NA | 1000.3 | 4.2 | 86-73-7 | N/A | ipr-mus 2 g/kg |
| 61. | Indeno(1,2,3-cd)pyrene | 10007 | 042420 | 0.50 | 50.00 | 2000.1 | 1000 | NA | NA | 0.018 | NA | NA | 1000.0 | 4.1 | 193-39-5 | N/A | N/A |
| 62. | Naphthalene | 10007 | 042420 | 0.50 | 50.00 | 2000.9 | 1000 | NA | NA | 0.018 | NA | NA | 1000.4 | 4.1 | 91-20-3 | 10 ppm (50mg/m3/8H) | orl-rat 490mg/kg |
| 63. | Phenanthrene | 10007 | 042420 | 0.50 | 50.00 | 2000.9 | 1000 | NA | NA | 0.018 | NA | NA | 1000.4 | 4.1 | 85-01-8 | 0.2mg/m3/8H | orl-mus 700mg/kg |
| 64. | Pyrene | 10007 | 042420 | 0.50 | 50.00 | 2001.0 | 1000 | NA | NA | 0.018 | NA | NA | 1000.4 | 4.2 | 129-00-0 | 0.2mg/m3/8H | orl-rat 2700mg/kg |

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

**ID #:** 13539
Opened:_____
CLP Semi-Volatiel Calibration Standard
**Expires:** 2/2/2026
Rec'd: 2/5/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

Method GC8MSD-2.M: Column:SBB-5 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 50°C (1min.), Temp 2 = 300°C (14 min.), Rate = 10°C/min., Injector B= 250°C, Detector B = 290°C, Split Ratio = 100:1, Scan Rate = 2. Analysis performed by Melissa Stonier.




| Peak No | Name | MSD RT (min.) |
|---|---|---|
| 1 | N-nitrosodimethylamine | 2.67 |
| 2 | Phenol | 6.05 |
| 3 | bis(2-Chloroethyl)ether | 6.20 |
| 4 | 2-Chlorophenol | 6.26 |
| 5 | 1,3-Dichlorobenzene | 6.55 |
| 6 | 1,4-Dichlorobenzene | 6.63 |
| 7 | 1,2-Dichlorobenzene | 7.04 |
| 8 | o-Cresol (2-methylphenol) | 7.29 |
| 9 | bis(2-Chloroisopropyl)ether | 7.34 |
| 10 | p-Cresol (4-methylphenol)/N-nitrosodi-n-propylamine | 7.63 |
| 11 | Hexachloroethane | 7.70 |
| 12 | Nitrobenzene | 7.92 |
| 13 | Isophorone | 8.49 |
| 14 | 2-Nitrophenol | 8.66 |
| 15 | 2,4-Dimethylphenol | 8.84 |
| 16 | bis(2-Chloroethoxy)methane | 9.07 |
| 17 | 2,4-Dichlorophenol | 9.22 |
| 18 | 1,2,4-Trichlorobenzene | 9.41 |
| 19 | Naphthalene | 9.54 |
| 20 | 4-Chloroaniline | 9.76 |
| 21 | Hexachloro-1,3-butadiene | 10.03 |
| 22 | 4-Chloro-3-methylphenol | 11.02 |
| 23 | 2-Methylnaphthalene | 11.24 |
| 24 | Hexachlorocyclopentadiene | 11.84 |
| 25 | 2,4,6-Trichlorophenol | 12.04 |
| 26 | 2,4,5-Trichlorophenol | 12.13 |
| 27 | 2-Chloronaphthalene | 12.45 |
| 28 | 2-Nitroaniline | 12.84 |
| 29 | Dimethyl phthalate | 13.45 |
| 30 | Acenaphthylene | 13.50 |
| 31 | 2,6-Dinitrotoluene | 13.59 |
| 32 | 3-Nitroaniline | 13.91 |
| 33 | Acenaphthene | 13.99 |
| 34 | 2,4-Dinitrophenol | 14.16 |
| 35 | Dibenzofuran/4-Nitrophenol | 14.40 |
| 36 | 2,4-Dinitroltoluene | 14.57 |
| 37 | Diethyl phthalate/Fluorene | 15.27 |
| 38 | 4-Chlorophenyl phenyl ether | 15.33 |
| 39 | 4-Nitroaniline | 15.52 |
| 40 | 4,6-Dinitro-2-methylphenol | 15.60 |
| 41 | Azobenzene | 15.73 |
| 42 | 4-Bromophenyl phenyl ether | 16.56 |
| 43 | Hexachlorobenzene | 16.89 |
| 44 | Pentachlorophenol | 13.35 |
| 45 | Phenanthrene | 17.70 |
| 46 | Anthracene | 17.82 |
| 47 | Carbazole | 18.27 |
| 48 | Di-n-butyl phthalate | 19.45 |
| 49 | Fluoranthene | 20.75 |
| 50 | Pyrene | 21.31 |
| 51 | Benzyl butyl phthalate | 23.23 |
| 52 | Benzo(a)anthracene | 24.40 |
| 53 | Chrysene | 24.51 |
| 54 | bis(2-Ehtylhexyl)phthalate | 24.82 |
| 55 | Di-n-octyl phthalate | 26.30 |
| 56 | Benzo(b)fluoranthene | 27.07 |
| 57 | Benzo(k)fluoranthene | 27.15 |
| 58 | Benzo(a)pyrene | 27.92 |
| 59 | Indeno(1,2,3-cd)pyrene/Dibenzo(a,h)anthracene | 31.68 |
| 60 | Benzo(g,h,i)perylene | 32.61 |

# Energy Laboratories Inc

# Standard LOG

| | | | |
|---|---|---|---|
| Standard ID: | SV83407 | | |
| Standard Name | BN Surr 5000 ug/mL | Type: | Primary |
| Date Prepared | 12/14/2020 | BY: | John P. Heine |
| Date Expires: | 10/31/2026 | | |
| Department | GCMSSEMI | Status: | New |
| Vendor: | Restek | | |
| Lot Number: | A0166081 | | |
| Balance ID: | | | |

Comments:

| Chemical / Solvent Used | BottleNo | Amt | Units | Exp |
|---|---|---|---|---|
| B/N Surrogate Mix (4/89 SOW) | 13328 | 1 | mL | 10/31 |

**Final Volume:** 5 mL

| **Stock Source** | **Base Units** | **Amount Added** | |
|---|---|---|---|
| **Analytes** | **CAS** | Conc: | **ug/mL** |
| S 2-Fluorobiphenyl | 321-60-8 | | 5000 |
| S Nitrobenzene-d5 | 4165-60-0 | | 5000 |
| S Terphenyl-d14 | 1718-51-0 | | 5000 |

RESTEK®
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

# CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 31086 **Lot No.:** A0166081

**Description :** B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

**Container Size :** 5 mL **Pkg Amt:** > 5 mL

**Expiration Date :** October 31, 2026 **Storage:** 10°C or colder

**Handling:** Sonicate prior to use. **Ship:** Ambient

**ID #: 13328**
Opened:
B/N Surrogate Mix (4/89 SOW)
**Expires: 10/31/2026**
Rec'd: 12/14/2020
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

## CERTIFIED VALUES

| Elution Order | Compound | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | |
|---|---|---|---|---|
| 1 | Nitrobenzene-d5<br>**CAS #** 4165-60-0 (Lot PR-29940B)<br>**Purity** 99% | 5,017.7 µg/mL | +/- 29.1731 µg/mL<br>+/- 225.9987 µg/mL<br>+/- 250.7735 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 2 | 2-Fluorobiphenyl<br>**CAS #** 321-60-8 (Lot 00019169)<br>**Purity** 99% | 5,049.7 µg/mL | +/- 29.3592 µg/mL<br>+/- 227.4400 µg/mL<br>+/- 252.3728 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 3 | p-Terphenyl-d14<br>**CAS #** 1718-51-0 (Lot PR-27278)<br>**Purity** 99% | 5,029.9 µg/mL | +/- 29.2444 µg/mL<br>+/- 226.5505 µg/mL<br>+/- 251.3857 µg/mL | Gravimetric<br>Unstressed<br>Stressed |

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

**Tech Tips:**
Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

**Column:**
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

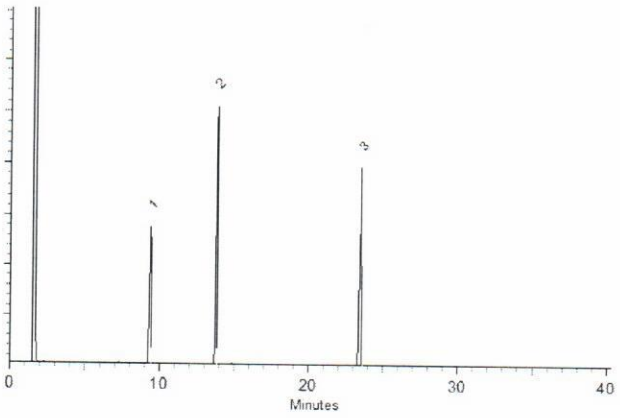
**Carrier Gas:**
hydrogen-constant pressure 10 psi.

**Temp. Program:**
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

**Inj. Temp:**
250°C

**Det. Temp:**
330°C

**Det. Type:**
FID




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Dalton Stover - Operations Technician I

**Date Mixed:** 04-Nov-2020 **Balance:** 1128353505

Justine Albertson - Operations Tech-ARM QC

**Date Passed:** 06-Nov-2020

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

**General Certified Reference Material Notes**

**Expiration Notes:**

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

**Purity Notes:**

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

**Certified Uncertainty Value Notes:**

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified combined stressed uncertainty value ( includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

$k$ is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

| Label Conditions | Standard Conditions | Non-Standard Conditions |
|---|---|---|
| 25°C Nominal (Room Temperature) | < 60°C | ≥ 60°C up to 7 days |
| 10°C or colder (Refrigerate) | < 40°C | ≥ 40°C up to 7 days |
| 0°C or colder (Freezer)<br>-20°C or colder (Deep Freezer) | < 25°C | ≥ 25°C up to 7 days |

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

**Manufacturing Notes:**

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

**Handling Notes:**

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampules. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.

# Energy Laboratories Inc

# Spike LOG

Standard ID: DCMSVOC13
Standard Name DCM
Date Prepared 2/1/2021
Date Expires: 11/17/2022
Department
Vendor:
Lot Number:
Balance ID:

Type: Neat
BY: John P. Heine
Status: New

Comments:

| Chemical / Solvent Used | BottleNo | Amt | Units | Exp |
|---|---|---|---|---|
| Dichloromethane EA342 | 13510 | | mL | 11/17 |

**Final Volume:** mL

**Stock Source** **Base Units** **Amount Added**

**Analytes** **CAS** Conc: **ug/mL**

ID #: 13510
Opened:
Dichloromethane EA342
Expires: 11/17/2022
Rec'd: 1/26/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

Honeywell

CERTIFICATE OF ANALYSIS

**Honeywell Burdick & Jackson®**
1953 South Harvey Street
Muskegon, MI 49442
Phone: (800) 368-0050
Fax: (231) 728-8226
lab.honeywell.com

| | |
|---|---|
| **Brand:** | Research Chemicals - B&J |
| **Product:** | CS299AA-200 |
| **Lot No.:** | EA342 |
| **Production Date:** | 17-Nov-2020 |
| **Best Before:** | 17-Nov-2022 |

Dichloromethane, Custom, Contains Amylene Preservative, >99.9%
for pesticide residue analysis

| Parameter | Specification Min. | Max. | Result | Units |
|---|---|---|---|---|
| Water by Karl Fischer Titration | | 0.010 | 0.0016 | % |
| UV Cutoff | | 233 | 230 | nm |
| Refractive Index (20°C) | 1.4236 | 1.4246 | 1.4241 | |
| Residue | | 1 | <0.5 | mg/L |
| GC Analysis | 99.9 | | >99.99 | % |
| Acidity (as HCl) | | 1 | <1 | mg/L |
| Chloride | | 10 | <10 | mg/L |
| Electron Capture GC | | 10 | <10 | ng/L |
| Flame Ionization GC | | 5 | <5 | ppb |
| UV Absorbance @ 240 nm | | 0.100 | 0.0920 | AU |
| UV Absorbance @ 250 nm | | 0.010 | 0.0099 | AU |
| UV Absorbance @ 300 nm | | 0.005 | 0.0008 | AU |
| UV Absorbance @ 400 nm | | 0.005 | 0.0028 | AU |

**Honeywell**
**Quality Control Approval**

Janna Dickinson

Muskegon 11/17/2020 LIMS Sample No.: AL03611

# Energy Laboratories Inc

# Spike LOG

Standard ID: SV83311
Standard Name DFTPP 1000 ug/mL
Date Prepared 9/28/2020
Date Expires: 10/31/2022
Department GCMSSEMI
Vendor: Agilent
Lot Number: 0006559405
Balance ID:

Type: Primary
BY: John P. Heine
Status: New

Comments:

| Chemical / Solvent Used | BottleNo | Amt | Units | Exp |
|---|---|---|---|---|
| Semi-Volatiles GC/MS Tuning Standar | 13121 | | mL | 10/31 |

**Final Volume:** mL

**Stock Source** **Base Units** **Amount Added**

**Analytes** **CAS** Conc: **ug/mL**

Agilent

# Certificate of Analysis

**Product Name:** Semi-Volatiles GC/MS Tuning Standard

**Product Number:** GCM-150-1 **Lot Issue Date:** 16-Sep-2020

**Lot Number:** 0006559405 **Expiration Date:** 31-Oct-2022

**Description:**
This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

| Analyte | CAS# | Analyte Lot | Concentration ± Uncertainty |
|---|---|---|---|
| decafluorotriphenylphosphine | 005074-71-5 | RM15327 | 1003 ± 5 µg/mL |
| benzidine | 000092-87-5 | RM10200 | 1003 ± 5 µg/mL |
| pentachlorophenol | 000087-86-5 | RM02474 | 1003 ± 5 µg/mL |
| 4,4'-DDT | 000050-29-3 | RM00618 | 1003 ± 5 µg/mL |

**Matrix:** methylene chloride (purified)

**Storage Conditions:** Store Frozen (-25° to -10°C).

**Traceability:**
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

**Homogeneity:**
This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

**Intended Use:**
This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

**Instructions for Use:**
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

**Hazards:**
Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

**ID #: 13121**
Opened:_____
Semi-Volatiles GC/MS Tuning Standard
**Expires: 10/31/2022**
Rec'd: 9/28/2020
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

ANAB ACCREDITED ISO17034 REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026
Page: 1 of 2
www.agilent.com/quality/
CSD-QA-015.1

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY
ISO 17025 Cert No. AT-1937

# Certificate of Analysis

**Product Number:** GCM-150-1 **Lot Number:** 0006559405

**Expiration of Certification:**
The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

**Maintenance of Certification:**
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

**Sample lot approver:**

Monica Bourgeois
QMS Representative

ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER

ISO 17034 Cert
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026
Page: 2 of 2

www.agilent.com/quality/
CSD-QA-015.1

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY

ISO 17025 Cert
No. AT-1937

# Energy Laboratories Inc

# Spike LOG

| | | | |
|---|---|---|---|
| Standard ID: | SV100516 | | |
| Standard Name | BNA Internals 2000 ug/mL | Type: | Secondary |
| Date Prepared | 7/25/2021 | BY: | John P. Heine |
| Date Expires: | 6/30/2023 | | |
| Department | GCMSSEMI | Status: | New |
| Vendor: | Chemservice | | |
| Lot Number: | 8443500 | | |
| Balance ID: | | | |

Comments:

| Chemical / Solvent Used | BottleNo | Amt | Units | Exp |
|---|---|---|---|---|
| Dichloromethane EA342 | 13510 | 1.06 | mL | 11/17 |

**Final Volume:** 2.12 mL

| **Stock Source** | | **Base Units** | **Amount Added** |
|---|---|---|---|
| sv83506 | BNA Internals 4000 ug/mL | ug/mL | 1.06 mL |

| **Analytes** | **CAS** | Conc: | **ug/mL** |
|---|---|---|---|

# Energy Laboratories Inc

# Standard LOG

| | | | |
|---|---|---|---|
| Standard ID: | SV83506 | | |
| Standard Name | BNA Internals 4000 ug/mL | Type: | Secondary |
| Date Prepared | 6/18/2021 | BY: | John P. Heine |
| Date Expires: | 6/30/2023 | | |
| Department | GCMSSEMI | Status: | New |
| Vendor: | Chemservice | | |
| Lot Number: | 8443500 | | |
| Balance ID: | | | |

Comments:

| Chemical / Solvent Used | BottleNo | Amt | Units | Exp |
|---|---|---|---|---|
| Mixture #8-Internal Standards | 13968 | 8 | mL | 6/30/ |

**Final Volume:** 8 mL

| **Stock Source** | **Base Units** | **Amount Added** |
|---|---|---|
| **Analytes** | **CAS** | Conc: **ug/mL** |

John

CHEM SERVICE INC

660 Tower Lane • P.O. Box 599 • West Chester, PA 19381-0599
1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729
info@chemservice.com • www.chemservice.com

# CERTIFICATE OF ANALYSIS

## Mixture #8-Internal Standards

| | |
|---|---|
| CONCENTRATION | 4000ug/ml in Methylene chloride |
| CATALOG NUMBER | M-PPHC8X12-1ML |
| LOT NUMBER | 11925100 |
| DATE CERTIFIED | 06/09/21 |
| EXPIRATION DATE | 06/30/23 |
| STORAGE | Store at room temperature (20 - 25 °C). |
| HANDLING | See Safety Data Sheet |
| INTENDED USE | For laboratoy use only. |
| ISO 17034:2016 CERTIFIED | [X] |

| ID | Analyte | CAS | Weight Analyte (mg) | Lot | Purity | Certified Concentration (ug/mL) |
|---|---|---|---|---|---|---|
| N-11000 | Acenaphthene-d10 | 15067-26-2 | 804.000 | 00026778 | 99.5 | 3999.9 |
| N-11467 | Chrysene-d12 | 1719-03-5 | 809.700 | 00025144 | 99.5 | 4028.3 |
| N-10217 | 1,4-Dichlorobenzene-d4 | 3855-82-1 | 804.000 | 00027328 | 99.5 | 3999.9 |
| N-12645 | Naphthalene-d8 | 1146-65-2 | 807.500 | 00029881 | 99.3 | 4009.2 |
| N-12851 | Perylene-d12 | 1520-96-3 | 805.100 | 00024295 | 99.5 | 4005.4 |
| N-12856 | Phenanthrene-d10 | 1517-22-2 | 808.700 | 00027331 | 99.0 | 4003.1 |

| Analytical Test | Value |
|---|---|
| CONCENTRATION (GC/FID) | VERIFIED |

ID #: 13968
Opened:
Mixture #8-Internal Standards
Expires: 6/30/2023
Rec'd: 6/18/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

COA Form
Revision 3 (3/2015)

PJLA Testing
Accreditation #63529

Print Date: 06/14/21

660 Tower Lane • P.O. Box 599 • West Chester, PA 19381-0599
1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729
info@chemservice.com • www.chemservice.com

Instructions for Use:
Shake mixture prior to use. If particles are present, sonicate for homogeneity. If sample is diluted to lower concentrations, Class A volumetric glassware must be used.
Minimum Sample Size- 0.2 uL for Direct Injection.
Chem Service Inc. guarantees the expanded uncertainty of the above analytes to be +/- 2.0% of the certified concentrations based on gravimetric preparation. The test results published in this report were obtained using equipment capable of producing results that are traceable to NIST and through NIST to the International System of Units (SI). The reported expanded uncertainty of measurement is stated as the combined standard uncertainty of measurement multiplied by the coverage factor k (k=2) such that the coverage probability corresponds to approximately 95%. For certified reference materials, homogeneity and thermal stability testing are available upon request.

Certified By:

Mary Beth O'Donnell

Mary Beth O'Donnell
CSM/TC

PJLA
Testing
Accreditation #63520

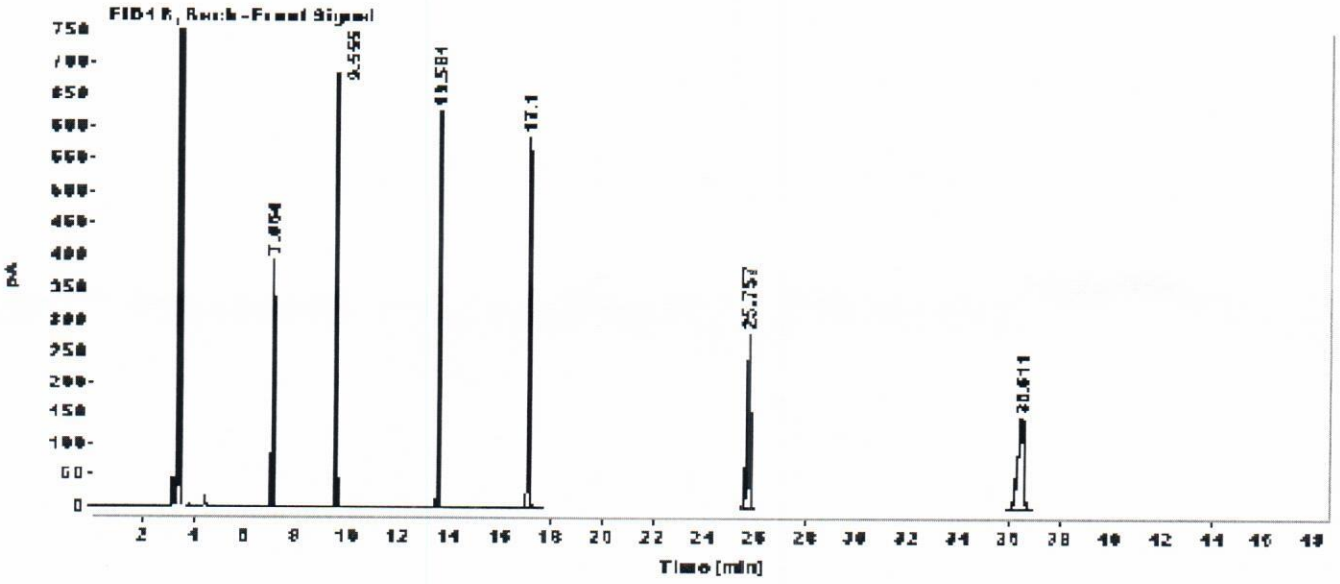
CHEM SERVICE INC

660 Tower Lane • P.O. Box 599 • West Chester, PA 19381-0599
1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729
info@chemservice.com • www.chemservice.com

# CERTIFICATE OF ANALYSIS

Gas Chromatography / Flame Ionization Detector (GC/FID)

| | | | |
|---|---|---|---|
| **Data file:** | C:\CHEM32\1\DATA\2021 DATA\0621\M-PPHC8X12.D | | |
| **Sample name:** | M-PPHC8X12 | | |
| **Acq. method:** | SCREEN-BACK.M | | |
| **Instrument:** | GC3 | **Location:** | 201 |
| **Injection date:** | 6/9/2021 11:56:12 AM | **Injection Vol:** | 1.000 |
| **Column name:** | RTx-5MS (30m x 0.25mm x 0.5µm) | **# Of Injections:** | 1 |




Signal: FID1 B, Back - Front Signal

| RT [min] | Type | Width [min] | Area | Height | Area% |
|---|---|---|---|---|---|
| 7.064 | BB | 0.0442 | 1119.2875 | 393.3396 | 8.4245 |
| 9.555 | BV R | 0.0512 | 2239.5649 | 684.7053 | 16.8565 |
| 13.581 | BB | 0.0598 | 2394.9761 | 624.3607 | 18.0262 |
| 17.100 | BB | 0.0685 | 2531.9221 | 584.9907 | 19.0569 |
| 25.757 | BB | 0.1314 | 2450.2429 | 284.7773 | 18.4422 |
| 36.511 | BB | 0.2375 | 2550.0964 | 149.1623 | 19.1937 |
| | | Sum | 13286.0900 | | |

PJLA Testing

# Energy Laboratories Inc

# Spike LOG

Standard ID: DCMSVOC13
Standard Name DCM
Date Prepared 2/1/2021
Date Expires: 11/17/2022
Department
Vendor:
Lot Number:
Balance ID:

Type: Neat
BY: John P. Heine
Status: New

Comments:

| Chemical / Solvent Used | BottleNo | Amt | Units | Exp |
|---|---|---|---|---|
| Dichloromethane EA342 | 13510 | | mL | 11/17 |

**Final Volume:** mL

**Stock Source** **Base Units** **Amount Added**

**Analytes** **CAS** Conc: **ug/mL**

ID #: 13510
Opened:
Dichloromethane EA342
Expires: 11/17/2022
Rec'd: 1/26/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

Honeywell

CERTIFICATE OF ANALYSIS

**Honeywell Burdick & Jackson®**
1953 South Harvey Street
Muskegon, MI 49442
Phone: (800) 368-0050
Fax: (231) 728-8226
lab.honeywell.com

| | |
|---|---|
| **Brand:** | Research Chemicals - B&J |
| **Product:** | CS299AA-200 |
| **Lot No.:** | EA342 |
| **Production Date:** | 17-Nov-2020 |
| **Best Before:** | 17-Nov-2022 |

Dichloromethane, Custom, Contains Amylene Preservative, >99.9%
for pesticide residue analysis

| Parameter | Specification Min. | Max. | Result | Units |
|---|---|---|---|---|
| Water by Karl Fischer Titration | | 0.010 | 0.0016 | % |
| UV Cutoff | | 233 | 230 | nm |
| Refractive Index (20°C) | 1.4236 | 1.4246 | 1.4241 | |
| Residue | | 1 | <0.5 | mg/L |
| GC Analysis | 99.9 | | >99.99 | % |
| Acidity (as HCl) | | 1 | <1 | mg/L |
| Chloride | | 10 | <10 | mg/L |
| Electron Capture GC | | 10 | <10 | ng/L |
| Flame Ionization GC | | 5 | <5 | ppb |
| UV Absorbance @ 240 nm | | 0.100 | 0.0920 | AU |
| UV Absorbance @ 250 nm | | 0.010 | 0.0099 | AU |
| UV Absorbance @ 300 nm | | 0.005 | 0.0008 | AU |
| UV Absorbance @ 400 nm | | 0.005 | 0.0028 | AU |

**Honeywell**
**Quality Control Approval**

Janna Dickinson

Muskegon 11/17/2020 LIMS Sample No.: AL03611

# Energy Laboratories Inc

# Spike LOG

Standard ID: SV92614
Standard Name LCS/Add Extractions
Date Prepared 11/29/2021
Date Expires: 9/24/2022
Department GCMSPR
Vendor:
Lot Number:
Balance ID:

Type: Secondary
BY: Ryan F. Benge
Status: New

Comments: 100ug/mL. Spike 1mL into water.

| Chemical / Solvent Used | BottleNo | Amt | Units | Exp |
|---|---|---|---|---|
| Acetone DZ963 | 13755 | 21.25 | mL | 9/24/ |

**Final Volume:** 25 mL

| Stock Source | | Base Units | Amount Added |
|---|---|---|---|
| sv83608 | 625 LCS | ug/mL | 2.5 mL |
| sv83514 | Additionals | ug/mL | 1.25 mL |

| | Analytes | CAS | Conc: | ug/mL |
|---|---|---|---|---|
| X | 1,1´-Biphenyl | 92-52-4 | | 0 |
| A | 1,2,4,5-Tetrachlorobenzene | 95-94-3 | | 0 |
| A | 1,2,4-Trichlorobenzene | 120-82-1 | | 0 |
| A | 1,2-Dichlorobenzene | 95-50-1 | | 0 |
| A | 1,2-Dintrobenzene | 528-29-0 | | 0 |
| A | 1,2-Diphenylhydrazine as Azobenzene | 103-33-3 | | 0 |
| A | 1,3,5-Trinitrobenzene | 99-35-4 | | 0 |
| A | 1,3-Dichlorobenzene | 541-73-1 | | 0 |
| A | 1,3-Dinitrobenzene | 99-65-0 | | 0 |
| A | 1,4-Benzenediamine | 106-50-3 | | 0 |
| A | 1,4-Dichlorobenzene | 106-46-7 | | 0 |
| I | 1,4-Dichlorobenzene-d4 | 3855-82-1 | | 0 |
| X | 1,4-Dimethylnaphthalene (DMN) | 571-58-4 | | 0 |
| A | 1,4-Dinitrobenzene | 100-25-4 | | 0 |
| A | 1,4-Naphthoquinoline,1-oxide | 56-57-5 | | 0 |
| A | 1,4-Naphthoquinone | 130-15-4 | | 0 |
| A | 1-Acetyl-2-thiourea | 591-08-2 | | 0 |
| A | 1-Methyl-2-pyrrolidinone | 872-50-4 | | 0 |
| A | 1-Methylnaphthalene | 90-12-0 | | 0 |
| A | 1-Naphthylamine | 134-32-7 | | 0 |
| x | 127, % of mass 198 | | | 0 |
| X | 197, % of mass 198 | | | 0 |
| X | 198, Base Peak | | | 0 |
| X | 199, % of mass 198 | | | 0 |
| X | 2,3,4,5-Tetrachlorophenol | 4901-51-3 | | 0 |
| A | 2,3,4,6-Tetrachlorophenol | 58-90-2 | | 0 |
| X | 2,3,4-Trichlorophenol | 15950-66-0 | | 0 |
| X | 2,3,5,6-Tetrachlorophenol | 935-95-5 | | 0 |
| X | 2,3-Dibromopropylphosphate | 126-72-7 | | 0 |
| X | 2,3-Dichloroaniline | 608-27-5 | | 0 |

# Energy Laboratories Inc

# Spike LOG

| | | | |
|---|---|---|---|
| Standard ID: | SV92614 | | |
| Standard Name | LCS/Add Extractions | Type: | Secondary |
| Date Prepared | 11/29/2021 | BY: | Ryan F. Benge |
| Date Expires: | 9/24/2022 | | |
| Department | GCMSPR | Status: | New |
| Vendor: | | | |
| Lot Number: | | | |
| Balance ID: | | | |

Comments: 100ug/mL. Spike 1mL into water.

| | | | |
|---|---|---|---|
| A | 2,3-Dimethylphenol | 526-75-0 | 0 |
| A | 2,4,5-Trichlorophenol | 95-95-4 | 0 |
| A | 2,4,5-Trimethylaniline | 137-17-7 | 0 |
| S | 2,4,6-Tribromophenol | 118-79-6 | 0 |
| A | 2,4,6-Trichlorophenol | 88-06-2 | 0 |
| A | 2,4-Diaminotoluene | 95-80-7 | 0 |
| X | 2,4-Dichloroanisole | 553-82-2 | 0 |
| A | 2,4-Dichlorophenol | 120-83-2 | 0 |
| X | 2,4-Dichlorophenoxyacetic acid butoxyeth | 1929-73-3 | 0 |
| A | 2,4-Dimethylphenol | 105-67-9 | 0 |
| A | 2,4-Dinitrophenol | 51-28-5 | 0 |
| A | 2,4-Dinitrotoluene | 121-14-2 | 0 |
| A | 2,6-Diaminotoluene | 823-40-5 | 0 |
| A | 2,6-Dichlorophenol | 87-65-0 | 0 |
| X | 2,6-Diisopropylnaphthalene | 24157-81-1 | 0 |
| X | 2,6-Dimethylnaphthalene | 581-42-0 | 0 |
| A | 2,6-Dimethylphenol | 576-26-1 | 0 |
| A | 2,6-Dinitrotoluene | 606-20-2 | 0 |
| A | 2-Acetylaminofluorene | 53-96-3 | 0 |
| A | 2-Aminoanthraquinone | 117-79-3 | 0 |
| A | 2-Chloronaphthalene | 91-58-7 | 0 |
| A | 2-Chlorophenol | 95-57-8 | 0 |
| A | 2-Cyclohexyl-4-6-dinitrophenol | 131-89-5 | 0 |
| A | 2-Ethyl hexanol | 104-76-7 | 0 |
| A | 2-Ethylhexanoic Acid | 149-57-5 | 0 |
| X | 2-Ethylnaphthalene | 939-27-5 | 0 |
| S | 2-Fluorobiphenyl | 321-60-8 | 0 |
| S | 2-Fluorophenol | 367-12-4 | 0 |
| A | 2-Methylnaphthalene | 91-57-6 | 0 |
| A | 2-Naphthylamine | 91-59-8 | 0 |
| A | 2-Nitroaniline | 88-74-4 | 0 |
| A | 2-Nitrophenol | 88-75-5 | 0 |
| A | 2-Picoline | 109-06-8 | 0 |
| A | 2-Secbutyl-4,6-dinitrophenol | 88-85-7 | 0 |
| X | 275, % of mass 198 | | 0 |
| A | 3,3´-Dichlorobenzidine | 91-94-1 | 0 |
| X | 3,3´-Dimethoxybenzidine | 119-90-4 | 0 |

# Energy Laboratories Inc

# Spike LOG

| | | | |
|---|---|---|---|
| Standard ID: | SV92614 | | |
| Standard Name | LCS/Add Extractions | Type: | Secondary |
| Date Prepared | 11/29/2021 | BY: | Ryan F. Benge |
| Date Expires: | 9/24/2022 | | |
| Department | GCMSPR | Status: | New |
| Vendor: | | | |
| Lot Number: | | | |
| Balance ID: | | | |

Comments: 100ug/mL. Spike 1mL into water.

| | | | |
|---|---|---|---|
| A | 3,3´-Dimethylbenzidine | 119-93-7 | 0 |
| A | 3,4-Dimethylphenol | 95-65-8 | 0 |
| A | 3,5-Dimethylphenol | 108-68-9 | 0 |
| A | 3-(Chloromethyl)pyridine hydrochloride | 6959-48-4 | 0 |
| A | 3-Methylcholanthrene | 56-49-5 | 0 |
| A | 3-Methylphenol | 108-39-4 | 0 |
| A | 3-Nitroaniline | 99-09-2 | 0 |
| X | 365, % of mass 198 | | 0 |
| X | 4,4-Dibromooctafluorobiphenyl | 10386-84-2 | 0 |
| A | 4,4´-Methylenebis(2-chloroaniline) | 101-14-4 | 0 |
| A | 4,4´-Oxydianiline | 101-80-4 | 0 |
| A | 4,6-Dinitro-2-methylphenol | 534-52-1 | 0 |
| A | 4-Aminobiphenyl | 92-67-1 | 0 |
| A | 4-Bromophenyl phenyl ether | 101-55-3 | 0 |
| A | 4-Chloro-2-methylphenol | 1570-64-5 | 0 |
| A | 4-Chloro-3-methylphenol | 59-50-7 | 0 |
| X | 4-Chloroaniline | 106-47-8 | 0 |
| A | 4-Chlorophenol | 106-48-9 | 0 |
| A | 4-Chlorophenyl phenyl ether | 7005-72-3 | 0 |
| A | 4-Methylphenol | 106-44-5 | 0 |
| A | 4-Nitroaniline | 100-01-6 | 0 |
| A | 4-Nitrobiphenyl | 92-93-3 | 0 |
| A | 4-Nitrophenol | 100-02-7 | 0 |
| A | 4-Nitroquinoline-n-oxide | 56-57-5 | 0 |
| X | 441, % of mass 443 | | 0 |
| X | 442, % of mass 198 | | 0 |
| X | 443, % of mass 442 | | 0 |
| A | 5,5-Diphenylhydantoin | 57-41-0 | 0 |
| A | 5-Nitro-o-anisidine | 99-59-2 | 0 |
| A | 5-Nitro-o-toluidine | 99-55-8 | 0 |
| A | 5-Nitroacenapthene | 602-87-9 | 0 |
| X | 51, % of mass 198 | | 0 |
| A | 6-methylchrysene | 1705-85-7 | 0 |
| X | 68, % of mass 69 | | 0 |
| X | 69, % Relative Abundance | | 0 |
| A | 7,12-Dimethylbenz(a)anthracene | 57-97-6 | 0 |
| X | 70, % of mass 69 | | 0 |

# Energy Laboratories Inc

# Spike LOG

| | | | |
|---|---|---|---|
| Standard ID: | SV92614 | | |
| Standard Name | LCS/Add Extractions | Type: | Secondary |
| Date Prepared | 11/29/2021 | BY: | Ryan F. Benge |
| Date Expires: | 9/24/2022 | | |
| Department | GCMSPR | Status: | New |
| Vendor: | | | |
| Lot Number: | | | |
| Balance ID: | | | |

Comments: 100ug/mL. Spike 1mL into water.

| | | | |
|---|---|---|---|
| A | a,a-Dimethylphenethylamine | 122-09-8 | 0 |
| A | Acenaphthene | 83-32-9 | 0 |
| I | Acenaphthene-d10 | 15067-26-2 | 0 |
| A | Acenaphthylene | 208-96-8 | 0 |
| A | Acetophenone | 98-86-2 | 0 |
| X | Alachlor | 15972-60-8 | 0 |
| X | Aldrin | 309-00-2 | 0 |
| A | alpha-Pinene | 7785-26-4 | 0 |
| X | alpha-Terpineol | 10482-56-1 | 0 |
| A | Anilazine | 101-05-3 | 0 |
| A | Aniline | 62-53-3 | 0 |
| A | Anthracene | 120-12-7 | 0 |
| A | Aramite | 140-57-8 | 0 |
| X | Aramite 1 | 140-57-8 | 0 |
| X | Aramite 2 | 140-57-8 | 0 |
| X | Atrazine | 1912-24-9 | 0 |
| A | Azinphos methyl | 86-50-0 | 0 |
| A | Azobenzene | 103-33-3 | 0 |
| A | Barban | 101-27-9 | 0 |
| X | Benzaldehyde | 100-52-7 | 0 |
| A | Benzidine | 92-87-5 | 0 |
| A | Benzo(a)anthracene | 56-55-3 | 0 |
| A | Benzo(a)pyrene | 50-32-8 | 0 |
| A | Benzo(b)fluoranthene | 205-99-2 | 0 |
| X | Benzo(e)pyrene | 192-97-2 | 0 |
| A | Benzo(g,h,i)perylene | 191-24-2 | 0 |
| A | Benzo(j)fluoranthene | 205-82-3 | 0 |
| A | Benzo(k)fluoranthene | 207-08-9 | 0 |
| A | Benzoic acid | 65-85-0 | 0 |
| A | Benzyl alcohol | 100-51-6 | 0 |
| A | beta-Pinene | 18172-67-3 | 0 |
| A | Biphenyl | 92-52-4 | 0 |
| A | Biphenyl oxide | 101-84-8 | 0 |
| A | bis(-2-chloroethoxy)Methane | 111-91-1 | 0 |
| A | bis(-2-chloroethyl)Ether | 111-44-4 | 0 |
| A | bis(2-chloroisopropyl)Ether | 108-60-1 | 0 |
| X | bis(2-ethylhexyl)Adipate | 103-23-01 | 0 |

# Energy Laboratories Inc

# Spike LOG

| | | | |
|---|---|---|---|
| Standard ID: | SV92614 | | |
| Standard Name | LCS/Add Extractions | Type: | Secondary |
| Date Prepared | 11/29/2021 | BY: | Ryan F. Benge |
| Date Expires: | 9/24/2022 | | |
| Department | GCMSPR | Status: | New |
| Vendor: | | | |
| Lot Number: | | | |
| Balance ID: | | | |

Comments: 100ug/mL. Spike 1mL into water.

| | | | |
|---|---|---|---|
| A | bis(2-ethylhexyl)Phthalate | 117-81-7 | 0 |
| A | Bromoxynil octanoate | 1689-99-2 | 0 |
| A | Butyl Carbitol | 112-34-5 | 0 |
| A | Butylbenzylphthalate | 85-68-7 | 0 |
| X | Caprolactam | 105-60-2 | 0 |
| A | Captafol | 2425-06-1 | 0 |
| A | Captan | 133-06-2 | 0 |
| A | Carbaryl | 63-25-2 | 0 |
| A | Carbazole | 86-74-8 | 0 |
| A | Carbofuran | 1563-66-2 | 0 |
| A | Carbophenothion | 786-19-6 | 0 |
| A | Chlorfenvinphos | 470-90-6 | 0 |
| A | Chlorobenzilate | 510-15-6 | 0 |
| X | Chlorpropham (CIPC) | 101-21-3 | 0 |
| A | Chrysene | 218-01-9 | 0 |
| I | Chrysene-d12 | 1719-03-5 | 0 |
| A | Coumaphos | 56-72-4 | 0 |
| M | Cresols, Total | 1319-77-3 | 0 |
| A | Crotoxyphos | 7700-17-6 | 0 |
| S | DCAA | 19719-28-9 | 0 |
| X | Decachlorobiphenyl | 2051-24-3 | 0 |
| X | Decyl Alcohol | 112-30-1 | 0 |
| A | Demeton-O | 8065-48-3 | 0 |
| A | Demeton-S | 126-75-0 | 0 |
| A | Di-n-butyl phthalate | 84-74-2 | 0 |
| A | Di-n-octyl phthalate | 117-84-0 | 0 |
| A | Diallate | 2303-16-4 | 0 |
| X | Diallate #1 | 2303-16-4 | 0 |
| X | Diallate #2 | 2303-16-4 | 0 |
| A | Dibenz(a,h)acridine | 226-36-8 | 0 |
| A | Dibenz(a,j)acridine | 224-42-0 | 0 |
| A | Dibenzo(a,e)pyrene | 192-65-4 | 0 |
| A | Dibenzo(a,h)anthracene | 53-70-3 | 0 |
| A | Dibenzofuran | 132-64-9 | 0 |
| A | Dichlone | 117-80-6 | 0 |
| A | Dichlorovos | 62-73-7 | 0 |
| A | Dicrotophos | 141-66-2 | 0 |

# Energy Laboratories Inc

# Spike LOG

| | | | |
|---|---|---|---|
| Standard ID: | SV92614 | | |
| Standard Name | LCS/Add Extractions | Type: | Secondary |
| Date Prepared | 11/29/2021 | BY: | Ryan F. Benge |
| Date Expires: | 9/24/2022 | | |
| Department | GCMSPR | Status: | New |
| Vendor: | | | |
| Lot Number: | | | |
| Balance ID: | | | |

Comments: 100ug/mL. Spike 1mL into water.

| | | | |
|---|---|---|---|
| A | Diethyl phthalate | 84-66-2 | 0 |
| A | Diethyl sulfate | 64-67-5 | 0 |
| A | Diethylstilbestrol | 56-53-1 | 0 |
| A | Dimethoate | 60-51-5 | 0 |
| A | Dimethyl phthalate | 131-11-3 | 0 |
| A | Dinocap | 39300-45-3 | 0 |
| A | Dinoseb | 88-85-7 | 0 |
| A | Diphenylamine | 122-39-4 | 0 |
| A | Diphenylhydrazine | 530-50-7 | 0 |
| A | Disulfoton | 298-04-4 | 0 |
| A | EPN | 2104-64-5 | 0 |
| X | Ethanol | 64-17-5 | 0 |
| A | Ethion | 563-12-2 | 0 |
| A | Ethyl carbamate | 51-79-6 | 0 |
| A | Ethyl methanesulfonate | 62-50-0 | 0 |
| X | Eugenol | 97-53-0 | 0 |
| A | Famphur | 52-85-7 | 0 |
| A | Fensulfothion | 115-90-2 | 0 |
| A | Fenthion | 55-38-9 | 0 |
| A | Fluchloralin | 33245-39-5 | 0 |
| A | Fluoranthene | 206-44-0 | 0 |
| A | Fluorene | 86-73-7 | 0 |
| A | Hexachlorobenzene | 118-74-1 | 0 |
| A | Hexachlorobutadiene | 87-68-3 | 0 |
| A | Hexachlorocyclopentadiene | 77-47-4 | 0 |
| A | Hexachloroethane | 67-72-1 | 0 |
| A | Hexachlorophene | 70-30-4 | 0 |
| A | Hexachloropropene | 1888-71-7 | 0 |
| A | Hexadecanoic Acid | 57-10-3 | 0 |
| A | Hexamethylphosphoramide | 680-31-9 | 0 |
| A | Hydroquinone | 123-31-9 | 0 |
| A | Indene | 95-13-6 | 0 |
| A | Indeno(1,2,3-cd)pyrene | 193-39-5 | 0 |
| A | Isodrin | 465-73-6 | 0 |
| A | Isophorone | 78-59-1 | 0 |
| X | Isopropanol | 67-63-0 | 0 |
| A | Isosafrole | 120-58-1 | 0 |

# Energy Laboratories Inc

# Spike LOG

| | | | |
|---|---|---|---|
| Standard ID: | SV92614 | | |
| Standard Name | LCS/Add Extractions | Type: | Secondary |
| Date Prepared | 11/29/2021 | BY: | Ryan F. Benge |
| Date Expires: | 9/24/2022 | | |
| Department | GCMSPR | Status: | New |
| Vendor: | | | |
| Lot Number: | | | |
| Balance ID: | | | |

Comments: 100ug/mL. Spike 1mL into water.

| | | | |
|---|---|---|---|
| A | Kepone | 143-50-0 | 0 |
| A | Leptophos | 21609-90-5 | 0 |
| A | m+p-Cresols | 108-39-4/106-44-5 | 0 |
| A | Malathion | 121-75-5 | 0 |
| A | Maleic anhydride | 108-31-6 | 0 |
| A | MCPA | 94-74-6 | 0 |
| A | MCPP | 93-65-2 | 0 |
| A | Mestranol | 72-33-3 | 0 |
| A | Methapyrilene | 91-80-5 | 0 |
| A | Methoxychlor | 72-43-5 | 0 |
| A | Methyl methanesulfonate | 66-27-3 | 0 |
| A | Methyl parathion | 298-00-0 | 0 |
| X | Methyl tert-butyl ether (MTBE) | 1634-04-4 | 0 |
| X | Methylene Dithiocyanate | 6317-18-6 | 0 |
| A | Mevinphos | 7768-34-7 | 0 |
| A | Mexacarbate | 315-18-4 | 0 |
| A | Mirex | 2385-85-5 | 0 |
| A | Monocrotophos | 6923-22-4 | 0 |
| A | n-Decane | 124-18-5 | 0 |
| A | n-Nitroso-di-n-butylamine | 924-16-3 | 0 |
| A | n-Nitroso-di-n-propylamine | 621-64-7 | 0 |
| A | n-Nitrosodiethylamine | 55-18-5 | 0 |
| A | n-Nitrosodimethylamine | 62-75-9 | 0 |
| A | n-Nitrosodiphenylamine | 86-30-6 | 0 |
| A | n-Nitrosomethylethylamine | 10595-95-6 | 0 |
| A | n-Nitrosomorpholine | 59-89-2 | 0 |
| A | n-Nitrosopiperidine | 100-75-4 | 0 |
| A | n-Nitrosopyrrolidine | 930-55-2 | 0 |
| A | n-Octadecane | 593-45-3 | 0 |
| A | Naled | 300-76-5 | 0 |
| A | Naphthalene | 91-20-3 | 0 |
| I | Naphthalene-d8 | 1146-65-2 | 0 |
| A | Nicotine | 54-11-5 | 0 |
| A | Nitrobenzene | 98-95-3 | 0 |
| S | Nitrobenzene-d5 | 4165-60-0 | 0 |
| A | Nitrofen | 1836-75-5 | 0 |
| A | o,o,o-Triethyl phosphorothioate | 126-68-1 | 0 |

# Energy Laboratories Inc

# Spike LOG

| | | | |
|---|---|---|---|
| Standard ID: | SV92614 | | |
| Standard Name | LCS/Add Extractions | Type: | Secondary |
| Date Prepared | 11/29/2021 | BY: | Ryan F. Benge |
| Date Expires: | 9/24/2022 | | |
| Department | GCMSPR | Status: | New |
| Vendor: | | | |
| Lot Number: | | | |
| Balance ID: | | | |

Comments: 100ug/mL. Spike 1mL into water.

| | | | |
|---|---|---|---|
| A | o-Anisidine | 90-04-0 | 0 |
| A | o-Cresol | 95-48-7 | 0 |
| A | o-Terphenyl | 84-15-1 | 0 |
| A | o-Toluidine | 95-53-4 | 0 |
| X | Octamethylpyrophosphoramide | 152-16-9 | 0 |
| A | p-(dimethylamino)Azobenzene | 60-11-7 | 0 |
| A | p-Aminoazobenzene | 60-09-3 | 0 |
| A | p-Benzoquinone | 106-51-4 | 0 |
| A | p-Chloroaniline | 106-47-8 | 0 |
| A | p-Cresidine | 120-71-8 | 0 |
| A | p-Phenylenediamine | 106-50-3 | 0 |
| A | p-Toluidine | 106-49-0 | 0 |
| X | PAHs, Total | | 0 |
| A | Parathion | 56-38-2 | 0 |
| A | Pentachlorobenzene | 608-93-5 | 0 |
| A | Pentachloronitrobenzene | 82-68-8 | 0 |
| A | Pentachlorophenol | 87-86-5 | 0 |
| I | Perylene-d12 | 1520-96-3 | 0 |
| A | Phenacetin | 62-44-2 | 0 |
| A | Phenanthrene | 85-01-8 | 0 |
| I | Phenanthrene-d10 | 1517-22-2 | 0 |
| A | Phenobarbital | 50-06-6 | 0 |
| A | Phenol | 108-95-2 | 0 |
| S | Phenol-d5 | 4165-62-2 | 0 |
| M | Phenols, Total | | 0 |
| A | Phorate | 298-02-2 | 0 |
| A | Phosalone | 2310-17-0 | 0 |
| A | Phosmet | 732-11-6 | 0 |
| A | Phosphamidon | 13171-21-6 | 0 |
| A | Phthalic anhydride | 85-44-9 | 0 |
| A | Piperonyl sulfoxide | 120-62-7 | 0 |
| A | Pronamide | 23950-58-5 | 0 |
| A | Propythiouracil | 51-52-5 | 0 |
| A | Pyrene | 129-00-0 | 0 |
| A | Pyridine | 110-86-1 | 0 |
| A | Quinoline | 91-22-5 | 0 |
| A | Resorcinol | 108-46-3 | 0 |

# Energy Laboratories Inc

# Spike LOG

| | | | |
|---|---|---|---|
| Standard ID: | SV92614 | | |
| Standard Name | LCS/Add Extractions | Type: | Secondary |
| Date Prepared | 11/29/2021 | BY: | Ryan F. Benge |
| Date Expires: | 9/24/2022 | | |
| Department | GCMSPR | Status: | New |
| Vendor: | | | |
| Lot Number: | | | |
| Balance ID: | | | |

Comments: 100ug/mL. Spike 1mL into water.

| | | | |
|---|---|---|---|
| A | Safrole | 94-59-7 | 0 |
| A | Strychnine | 57-24-9 | 0 |
| A | Sulfallate | 95-06-7 | 0 |
| A | Sulfotep | 3689-24-5 | 0 |
| A | Sym-Trinitrobenzene | 99-35-4 | 0 |
| A | Terbufos | 13071-79-9 | 0 |
| S | Terphenyl-d14 | 98904-43-9 | 0 |
| A | Tetrachlorvinphos | 22248-79-9 | 0 |
| A | Tetraethyl pyrophosphate | 107-49-3 | 0 |
| A | Tetraethyllead | 78-00-2 | 0 |
| A | Thionazin | 297-97-2 | 0 |
| A | Thiophenol | 108-98-5 | 0 |
| A | Toluene 2,4-diisocyanate | 584-84-9 | 0 |
| A | Tri-p-tolyl phosphate(h) | 78-32-0 | 0 |
| A | Triallate | 2303-17-5 | 0 |
| A | Trifluralin | 1582-09-8 | 0 |
| A | Trimethyl phosphate | 512-56-1 | 0 |

# Energy Laboratories Inc

# Spike LOG

| | | | |
|---|---|---|---|
| Standard ID: | SV83608 | | |
| Standard Name | 625 LCS | Type: | Secondary |
| Date Prepared | 11/29/2021 | BY: | Ryan F. Benge |
| Date Expires: | 9/15/2026 | | |
| Department | GCMSPR | Status: | New |
| Vendor: | | | |
| Lot Number: | | | |
| Balance ID: | | | |
| Comments: | 20x1 mL ampule | | |

| Chemical / Solvent Used | BottleNo | Amt | Units | Exp |
|---|---|---|---|---|
| CLP Semi-volatile calibration standard | 14546 | | mL | 9/15/ |

**Final Volume:** mL

| **Stock Source** | **Base Units** | **Amount Added** |
|---|---|---|
| **Analytes** | **CAS** | Conc: **ug/mL** |

**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

**Certified Reference Material CRM**

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

**Part Number:** 92180
Lot Number: 091521
Description: CLP Semi-Volatile Calibration Standard
64 components
Expiration Date: 091526
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

**Solvent:** Methylene chloride **Lot#** 104929

Formulated By: Prashant Chauhan 091521 DATE

Reviewed By: Pedro L. Rentas 091521 DATE

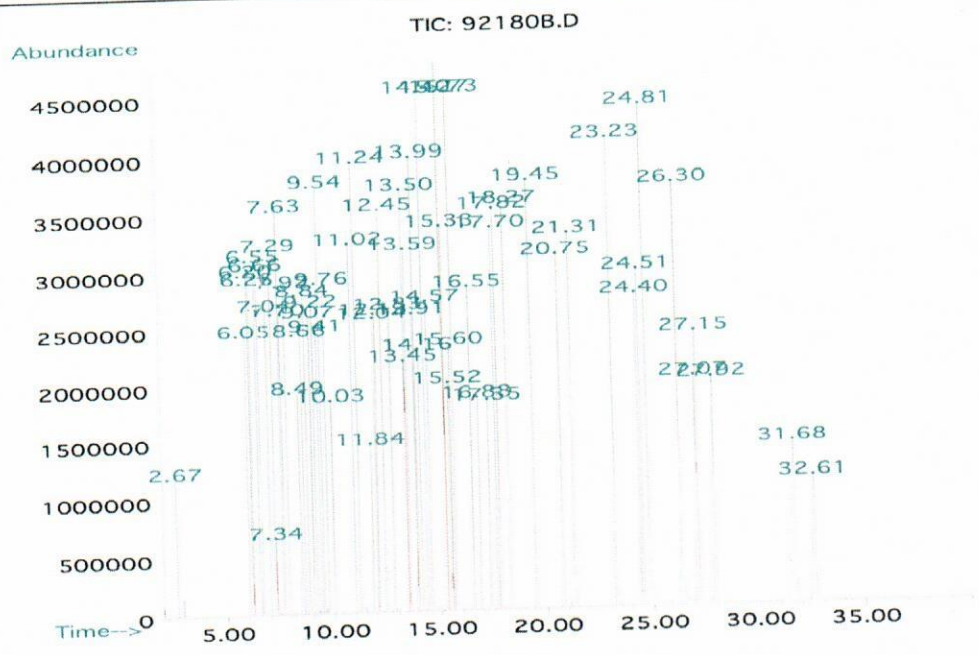
Weight(s) shown below were combined and diluted to (mL): 100.0 | 5E-05 Balance Uncertainty | 0.003 Flask Uncertainty

| Compound | (RM#) Part Number | Lot Number | Dil. Factor | Initial Vol. (mL) | Initial Conc (ug/mL) | Nominal Conc (µg/mL) | Purity (%) | Uncertainty Purity (%) | Uncertainty Pipette (mL) | Target Weight(g) | Actual Weight(g) | Actual Conc (µg/mL) | Expanded Uncertainty (+/-) (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. 2,2'-Oxybis(1-chloropropane) | (0078) | 012016AR | NA | NA | NA | 1000 | 98.9 | 0.2 | NA | 0.10112 | 0.10129 | 1001.7 | 4.2 | 108-60-1 | N/A | orl-rat 240mg/kg |
| 2. Hexachlorobenzene | (0195) | 051697 | NA | NA | NA | 1000 | 99 | 0.2 | NA | 0.10102 | 0.10128 | 1002.6 | 4.2 | 118-74-1 | N/A | orl-rat 10g/kg |
| 3. bis(2-Chloroethoxy) methane | 10111 | 011214 | 0.05 | 5.00 | 20018.4 | 1000 | NA | NA | 0.017 | NA | NA | 1000.8 | 8.0 | 111-91-1 | N/A | N/A |
| 4. bis(2-Chloroethyl) ether | 10111 | 011214 | 0.05 | 5.00 | 20012.4 | 1000 | NA | NA | 0.017 | NA | NA | 1000.5 | 8.0 | 111-44-4 | 15 ppm (90mg/m3/8H)(skin) | orl-rat 75mg/kg |
| 5. bis(2-Ethylhexyl) phthalate | 10111 | 011214 | 0.05 | 5.00 | 20014.3 | 1000 | NA | NA | 0.017 | NA | NA | 1000.6 | 8.0 | 117-81-7 | 5mg/m3/8H | orl-rat 30600mg/kg |
| 6. 4-Bromophenyl phenyl ether | 10111 | 011214 | 0.05 | 5.00 | 20008.8 | 1000 | NA | NA | 0.017 | NA | NA | 1000.3 | 8.0 | 101-55-3 | N/A | N/A |
| 7. Benzyl butyl phthalate | 10111 | 011214 | 0.05 | 5.00 | 20011.3 | 1000 | NA | NA | 0.017 | NA | NA | 1000.5 | 8.0 | 85-68-7 | N/A | orl-rat 2330mg/kg |
| 8. 4-Chlorophenyl phenyl ether | 10111 | 011214 | 0.05 | 5.00 | 20009.5 | 1000 | NA | NA | 0.017 | NA | NA | 1000.4 | 8.0 | 7005-72-3 | N/A | N/A |
| 9. Diethyl phthalate | 10111 | 011214 | 0.05 | 5.00 | 20013.6 | 1000 | NA | NA | 0.017 | NA | NA | 1000.6 | 8.0 | 84-66-2 | 5mg/m3/8H | orl-rat 8600mg/kg |
| 10. Dimethyl phthalate | 10111 | 011214 | 0.05 | 5.00 | 20015.7 | 1000 | NA | NA | 0.017 | NA | NA | 1000.7 | 8.0 | 131-11-3 | 5mg/m3/8H | orl-rat 6800mg/kg |
| 11. Di-n-butyl phthalate | 10111 | 011214 | 0.05 | 5.00 | 20011.6 | 1000 | NA | NA | 0.017 | NA | NA | 1000.5 | 8.0 | 84-74-2 | 5mg/m3/8H | orl-rat 8000mg/kg |
| 12. Di-n-octyl phthalate | 10111 | 011214 | 0.05 | 5.00 | 20012.2 | 1000 | NA | NA | 0.017 | NA | NA | 1000.5 | 8.0 | 117-84-0 | N/A | orl-rat 47000mg/kg |
| 13. N-Nitrosodimethylamine | 10111 | 011214 | 0.05 | 5.00 | 20010.0 | 1000 | NA | NA | 0.017 | NA | NA | 1000.4 | 8.0 | 62-75-9 | N/A | orl-rat 58mg/kg |
| 14. N-Nitrosodi-n-propylamine | 10111 | 011214 | 0.05 | 5.00 | 20010.5 | 1000 | NA | NA | 0.017 | NA | NA | 1000.4 | 8.0 | 621-64-7 | N/A | orl-rat 480mg/kg |
| 15. 1,2-Diphenylhydrazine (as Azobenzene) | 10112 | 042820 | 0.05 | 5.00 | 20003.9 | 1000 | NA | NA | 0.017 | NA | NA | 1000.1 | 8.1 | 103-33-3 | N/A | orl-rat 1000mg/kg |
| 16. 2-Chloronaphthalene | 10112 | 042820 | 0.05 | 5.00 | 20002.3 | 1000 | NA | NA | 0.017 | NA | NA | 1000.0 | 8.0 | 91-58-7 | N/A | orl-rat 2078mg/kg |
| 17. 1,2-Dichlorobenzene | 10112 | 042820 | 0.05 | 5.00 | 20005.4 | 1000 | NA | NA | 0.017 | NA | NA | 1000.2 | 8.0 | 95-50-1 | 50 ppm (300mg/m3) (CL) | orl-rat 500mg/kg |
| 18. 1,3-Dichlorobenzene | 10112 | 042820 | 0.05 | 5.00 | 20003.7 | 1000 | NA | NA | 0.017 | NA | NA | 1000.1 | 8.0 | 541-73-1 | N/A | ipr-mus 1062mg/kg |
| 19. 1,4-Dichlorobenzene | 10112 | 042820 | 0.05 | 5.00 | 20005.4 | 1000 | NA | NA | 0.017 | NA | NA | 1000.2 | 8.0 | 106-46-7 | 75 ppm (450mg/m3/8H) | orl-rat 500mg/kg |
| 20. 2,4-Dinitrotoluene | 10112 | 042820 | 0.05 | 5.00 | 20003.3 | 1000 | NA | NA | 0.017 | NA | NA | 1000.1 | 8.1 | 121-14-2 | 1.5mg/m3/8H (skin) | orl-rat 268mg/kg |
| 21. 2,6-Dinitrotoluene | 10112 | 042820 | 0.05 | 5.00 | 20002.4 | 1000 | NA | NA | 0.017 | NA | NA | 1000.0 | 8.0 | 606-20-2 | 1.5mg/m3/8H (skin) | orl-rat 177mg/kg |
| 22. Hexachloro-1,3-butadiene | 10112 | 042820 | 0.05 | 5.00 | 20009.4 | 1000 | NA | NA | 0.017 | NA | NA | 1000.4 | 12.4 | 87-68-3 | 0.02 ppm (0.24mg/m3/8H) | orl-rat 82mg/kg |
| 23. Hexachlorocyclopentadiene | 10112 | 042820 | 0.05 | 5.00 | 20001.8 | 1000 | NA | NA | 0.017 | NA | NA | 1000.0 | 8.0 | 77-47-4 | 0.01 ppm (0.1mg/m3/8H) | orl-rat 1300mg/kg |
| 24. Hexachloroethane | 10112 | 042820 | 0.05 | 5.00 | 20002.4 | 1000 | NA | NA | 0.017 | NA | NA | 1000.0 | 8.0 | 67-72-1 | 1 ppm (10mg/m3/8H)(skin) | orl-gpg 4970mg/kg |
| 25. Isophorone | 10112 | 042820 | 0.05 | 5.00 | 20003.8 | 1000 | NA | NA | 0.017 | NA | NA | 1000.1 | 8.1 | 78-59-1 | 25 ppm | orl-rat 2330mg/kg |
| 26. Nitrobenzene | 10112 | 042820 | 0.05 | 5.00 | 20004.9 | 1000 | NA | NA | 0.017 | NA | NA | 1000.1 | 8.0 | 98-95-3 | 1 ppm (5mg/m3/8H)(skin) | orl-rat 780mg/kg |
| 27. 1,2,4-Trichlorobenzene | 10112 | 042820 | 0.05 | 5.00 | 20002.0 | 1000 | NA | NA | 0.017 | NA | NA | 1000.0 | 8.0 | 120-82-1 | 5 ppm (CL) (40mg/m3) | orl-rat 756mg/kg |
| 28. o-Cresol (2-Methylphenol) | 10114 | 081919 | 0.05 | 5.00 | 20010.2 | 1000 | NA | NA | 0.017 | NA | NA | 1000.4 | 8.0 | 95-48-7 | 5 ppm (22mg/m3/8H)(skin) | orl-rat 121mg/kg |
| 29. p-Cresol (4-Methylphenol) | 10114 | 081919 | 0.05 | 5.00 | 20061.2 | 1000 | NA | NA | 0.017 | NA | NA | 1003.0 | 8.0 | 106-44-5 | 5 ppm (22mg/m3/8H)(skin) | orl-rat 207mg/kg |
| 30. 2,4,5-Trichlorophenol | 10114 | 081919 | 0.05 | 5.00 | 20023.2 | 1000 | NA | NA | 0.017 | NA | NA | 1001.1 | 8.0 | 95-95-4 | N/A | orl-rat 820mg/kg |
| 31. 4-Chloroaniline | 10115 | 060512 | 0.05 | 5.00 | 20009.6 | 1000 | NA | NA | 0.017 | NA | NA | 1000.4 | 8.0 | 106-47-8 | N/A | orl-rat 310mg/kg |
| 32. Dibenzofuran | 10115 | 060512 | 0.05 | 5.00 | 20020.2 | 1000 | NA | NA | 0.017 | NA | NA | 1000.9 | 8.0 | 132-64-9 | N/A | N/A |
| 33. 2-Methylnaphthalene | 10115 | 060512 | 0.05 | 5.00 | 20012.9 | 1000 | NA | NA | 0.017 | NA | NA | 1000.5 | 8.1 | 91-57-6 | N/A | orl-rat 1630mg/kg |
| 34. 2-Nitroaniline | 10115 | 060512 | 0.05 | 5.00 | 20011.8 | 1000 | NA | NA | 0.017 | NA | NA | 1000.5 | 8.0 | 88-74-4 | N/A | orl-rat 1600mg/kg |
| 35. 3-Nitroaniline | 10115 | 060512 | 0.05 | 5.00 | 20018.6 | 1000 | NA | NA | 0.017 | NA | NA | 1000.8 | 8.0 | 99-09-2 | N/A | orl-rat 535mg/kg |
| 36. 4-Nitroaniline | 10115 | 060512 | 0.05 | 5.00 | 20014.9 | 1000 | NA | NA | 0.017 | NA | NA | 1000.6 | 8.0 | 100-01-6 | 1 ppm (6mg/m3/8H)(skin) | orl-rat 750mg/kg |
| 37. 4-Chloro-3-methylphenol | 10118 | 072120 | 0.05 | 5.00 | 20003.9 | 1000 | NA | NA | 0.017 | NA | NA | 1000.1 | 8.0 | 59-50-7 | N/A | orl-rat 1830mg/kg |
| 38. 2-Chlorophenol | 10118 | 072120 | 0.05 | 5.00 | 20002.9 | 1000 | NA | NA | 0.017 | NA | NA | 1000.0 | 8.0 | 95-57-8 | N/A | orl-rat 670mg/kg |
| 39. 2,4-Dichlorophenol | 10118 | 072120 | 0.05 | 5.00 | 20003.1 | 1000 | NA | NA | 0.017 | NA | NA | 1000.1 | 8.0 | 120-83-2 | N/A | orl-rat 580mg/kg |
| 40. 2,4-Dimethylphenol | 10118 | 072120 | 0.05 | 5.00 | 20003.3 | 1000 | NA | NA | 0.017 | NA | NA | 1000.1 | 8.1 | 105-67-9 | N/A | orl-rat 3200mg/kg |
| 41. 2,4-Dinitrophenol | 10118 | 072120 | 0.05 | 5.00 | 20001.8 | 1000 | NA | NA | 0.017 | NA | NA | 1000.0 | 8.0 | 51-28-5 | N/A | orl-rat 30mg/kg |
| 42. 4,6-Dinitro-2-methylphenol | 10118 | 072120 | 0.05 | 5.00 | 20002.5 | 1000 | NA | NA | 0.017 | NA | NA | 1000.0 | 8.0 | 534-52-1 | N/A | N/A |
| 43. 2-Nitrophenol | 10118 | 072120 | 0.05 | 5.00 | 20003.7 | 1000 | NA | NA | 0.017 | NA | NA | 1000.1 | 8.0 | 88-75-5 | N/A | orl-rat 334mg/kg |
| 44. 4-Nitrophenol | 10118 | 072120 | 0.05 | 5.00 | 20002.0 | 1000 | NA | NA | 0.017 | NA | NA | 1000.0 | 8.0 | 100-02-7 | N/A | orl-rat 250mg/kg |
| 45. Pentachlorophenol | 10118 | 072120 | 0.05 | 5.00 | 20002.8 | 1000 | NA | NA | 0.017 | NA | NA | 1000.0 | 8.0 | 87-86-5 | 0.5mg/m3/8H (skin) | orl-rat 27mg/kg |
| 46. Phenol | 10118 | 072120 | 0.05 | 5.00 | 20003.9 | 1000 | NA | NA | 0.017 | NA | NA | 1000.1 | 8.0 | 108-95-2 | 5 ppm (19mg/m3/8H)(skin) | orl-rat 317mg/kg |
| 47. 2,4,6-Trichlorophenol | 10118 | 072120 | 0.05 | 5.00 | 20004.2 | 1000 | NA | NA | 0.017 | NA | NA | 1000.1 | 8.0 | 88-06-2 | N/A | orl-rat 820mg/kg |
| 48. Acenaphthene | 10007 | 042420 | 0.50 | 50.00 | 2001.2 | 1000 | NA | NA | 0.018 | NA | NA | 1000.5 | 4.1 | 83-32-9 | N/A | ipr-rat 600mg/kg |
| 49. Acenaphthylene | 10007 | 042420 | 0.50 | 50.00 | 2000.2 | 1000 | NA | NA | 0.018 | NA | NA | 1000.0 | 4.2 | 208-96-8 | N/A | N/A |
| 50. Anthracene | 10007 | 042420 | 0.50 | 50.00 | 2000.3 | 1000 | NA | NA | 0.018 | NA | NA | 1000.1 | 4.1 | 120-12-7 | 0.2mg/m3 (8H) | ipr-mus 430mg/kg |
| 51. Benzo(a)anthracene | 10007 | 042420 | 0.50 | 50.00 | 2001.3 | 1000 | NA | NA | 0.018 | NA | NA | 1000.6 | 4.2 | 56-55-3 | N/A | N/A |
| 52. Benzo(a)pyrene | 10007 | 042420 | 0.50 | 50.00 | 2000.0 | 1000 | NA | NA | 0.018 | NA | NA | 999.9 | 4.1 | 50-32-8 | 0.2mg/m3 (8H) | scu-rat 50mg/kg |
| 53. Benzo(b)fluoranthene | 10007 | 042420 | 0.50 | 50.00 | 2000.9 | 1000 | NA | NA | 0.018 | NA | NA | 1000.4 | 4.1 | 205-99-2 | N/A | N/A |
| 54. Benzo(k)fluoranthene | 10007 | 042420 | 0.50 | 50.00 | 2001.2 | 1000 | NA | NA | 0.018 | NA | NA | 1000.5 | 4.1 | 207-08-9 | N/A | N/A |
| 55. Benzo(g,h,i)perylene | 10007 | 042420 | 0.50 | 50.00 | 2000.0 | 1000 | NA | NA | 0.018 | NA | NA | 999.9 | 4.1 | 191-24-2 | N/A | N/A |
| 56. Carbazole | 10007 | 042420 | 0.50 | 50.00 | 2000.3 | 1000 | NA | NA | 0.018 | NA | NA | 1000.0 | 4.2 | 86-74-8 | N/A | ipr-mus 200mg/kg |
| 57. Chrysene | 10007 | 042420 | 0.50 | 50.00 | 2000.8 | 1000 | NA | NA | 0.018 | NA | NA | 1000.3 | 4.2 | 218-01-9 | 0.2mg/m3 | N/A |
| 58. Dibenzo(a,h)anthracene | 10007 | 042420 | 0.50 | 50.00 | 2000.8 | 1000 | NA | NA | 0.018 | NA | NA | 1000.3 | 4.2 | 53-70-3 | 0.2mg/m3 | N/A |
| 59. Fluoranthene | 10007 | 042420 | 0.50 | 50.00 | 2000.3 | 1000 | NA | NA | 0.018 | NA | NA | 1000.1 | 4.2 | 206-44-0 | N/A | orl-rat 2000mg/kg |
| 60. Fluorene | 10007 | 042420 | 0.50 | 50.00 | 2000.9 | 1000 | NA | NA | 0.018 | NA | NA | 1000.3 | 4.2 | 86-73-7 | N/A | ipr-mus 2 g/kg |
| 61. Indeno(1,2,3-cd)pyrene | 10007 | 042420 | 0.50 | 50.00 | 2000.1 | 1000 | NA | NA | 0.018 | NA | NA | 1000.0 | 4.1 | 193-39-5 | N/A | N/A |
| 62. Naphthalene | 10007 | 042420 | 0.50 | 50.00 | 2000.9 | 1000 | NA | NA | 0.018 | NA | NA | 1000.4 | 4.1 | 91-20-3 | 10 ppm (50mg/m3/8H) | orl-rat 490mg/kg |
| 63. Phenanthrene | 10007 | 042420 | 0.50 | 50.00 | 2000.9 | 1000 | NA | NA | 0.018 | NA | NA | 1000.4 | 4.1 | 85-01-8 | 0.2mg/m3/8H | orl-mus 700mg/kg |
| 64. Pyrene | 10007 | 042420 | 0.50 | 50.00 | 2001.0 | 1000 | NA | NA | 0.018 | NA | NA | 1000.4 | 4.2 | 129-00-0 | 0.2mg/m3/8H | orl-rat 2700mg/kg |

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

**ID #: 14546**
Opened:
CLP Semi-volatile calibration standard
**Expires: 9/15/2026**
Rec'd: 11/23/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

Method GC8MSD-2.M: Column:SBB-5 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 50°C (1min.), Temp 2 = 300°C (14 min.), Rate = 10°C/min., Injector B= 250°C, Detector B = 290°C, Split Ratio = 100:1, Scan Rate = 2. Analysis performed by Melissa Stonier.




| Peak No | Name | MSD RT (min.) |
|---|---|---|
| 1 | N-nitrosodimethylamine | 2.67 |
| 2 | Phenol | 6.05 |
| 3 | bis(2-Chloroethyl)ether | 6.20 |
| 4 | 2-Chlorophenol | 6.26 |
| 5 | 1,3-Dichlorobenzene | 6.55 |
| 6 | 1,4-Dichlorobenzene | 6.63 |
| 7 | 1,2-Dichlorobenzene | 7.04 |
| 8 | n-Cresol (2-methylphenol) | 7.29 |
| 9 | bis(2-Chloroisopropyl)ether | 7.34 |
| 10 | p-Cresol (4-methylphenol)/N-nitrosodi-n-propylamine | 7.63 |
| 11 | Hexachloroethane | 7.70 |
| 12 | Nitrobenzene | 7.92 |
| 13 | Isophorone | 8.49 |
| 14 | 2-Nitrophenol | 8.66 |
| 15 | 2,4-Dimethylphenol | 8.84 |
| 16 | bis(2-Chloroethoxy)methane | 9.07 |
| 17 | 2,4-Dichlorophenol | 9.22 |
| 18 | 1,2,4-Trichlorobenzene | 9.41 |
| 19 | Naphthalene | 9.54 |
| 20 | 4-Chloroaniline | 9.76 |
| 21 | Hexachloro-1,3-butadiene | 10.03 |
| 22 | 4-Chloro-3-methylphenol | 11.02 |
| 23 | 2-Methylnaphthalene | 11.24 |
| 24 | Hexachlorocyclopentadiene | 11.84 |
| 25 | 2,4,6-Trichlorophenol | 12.04 |
| 26 | 2,4,5-Trichlorophenol | 12.13 |
| 27 | 2-Chloronaphthalene | 12.45 |
| 28 | 2-Nitroaniline | 12.84 |
| 29 | Dimethyl phthalate | 13.45 |
| 30 | Acenaphthylene | 13.50 |
| 31 | 2,6-Dinitrotoluene | 13.59 |
| 32 | 3-Nitroaniline | 13.91 |
| 33 | Acenaphthene | 13.99 |
| 34 | 2,4-Dinitrophenol | 14.16 |
| 35 | Dibenzofuran/4-Nitrophenol | 14.40 |
| 36 | 2,4-Dinitrotoluene | 14.57 |
| 37 | Diethyl phthalate/Fluorene | 15.27 |
| 38 | 4-Chlorophenyl phenyl ether | 15.33 |
| 39 | 4-Nitroaniline | 15.52 |
| 40 | 4,6-Dinitro-2-methylphenol | 15.60 |
| 41 | Azobenzene | 15.73 |
| 42 | 4-Bromophenyl phenyl ether | 16.56 |
| 43 | Hexachlorobenzene | 16.89 |
| 44 | Pentachlorophenol | 13.35 |
| 45 | Phenanthrene | 17.70 |
| 46 | Anthracene | 17.82 |
| 47 | Carbazole | 18.27 |
| 48 | Di-n-butyl phthalate | 19.45 |
| 49 | Fluoranthene | 20.75 |
| 50 | Pyrene | 21.31 |
| 51 | Benzyl butyl phthalate | 23.23 |
| 52 | Benzo(a)anthracene | 24.40 |
| 53 | Chrysene | 24.51 |
| 54 | bis(2-Ehtylhexyl)phthalate | 24.82 |
| 55 | Di-n-octyl phthalate | 26.30 |
| 56 | Benzo(b)fluoranthene | 27.07 |
| 57 | Benzo(k)fluoranthene | 27.15 |
| 58 | Benzo(a)pyrene | 27.92 |
| 59 | Indeno(1,2,3-cd)pyrene/Dibenzo(a,h)anthracene | 31.68 |
| 60 | Benzo(g,h,i)perylene | 32.61 |

# Energy Laboratories Inc

# Standard LOG

| | | | |
|---|---|---|---|
| Standard ID: | SV92612 | | |
| Standard Name | BNA Surr | Type: | Tertiary |
| Date Prepared | 11/15/2021 | BY: | Ryan F. Benge |
| Date Expires: | 3/31/2022 | | |
| Department | gcmspr | Status: | New |
| Vendor: | | | |
| Lot Number: | | | |
| Balance ID: | | | |
| Comments: | 2000/1000ug/mL | | |

| Chemical / Solvent Used | BottleNo | Amt | Units | Exp |
|---|---|---|---|---|
| Acetone DZ963 | 13755 | 17.5 | mL | 9/24/ |

**Final Volume:** 4 mL

| Stock Source | | Base Units | Amount Added |
|---|---|---|---|
| sv83609 | AE Surrogate | ug/mL | 2.5 mL |
| sv83604 | BN Surr | ug/mL | 5 mL |

| | Analytes | CAS | Conc: ug/mL |
|---|---|---|---|
| S | 2,4,6-Tribromophenol | 118-79-6 | 2000 |
| S | 2-Fluorobiphenyl | 321-60-8 | 1000 |
| S | 2-Fluorophenol | 367-12-4 | 2000 |
| S | Nitrobenzene-d5 | 4165-60-0 | 1000 |
| S | Phenol-d5 | 4165-62-2 | 2000 |
| S | Terphenyl-d14 | 98904-43-9 | 1000 |

# Energy Laboratories Inc

# Spike LOG

| | | | |
|---|---|---|---|
| Standard ID: | SV83604 | | |
| Standard Name | BN Surr | Type: | Primary |
| Date Prepared | 10/25/2021 | BY: | Ryan F. Benge |
| Date Expires: | 7/31/2027 | | |
| Department | GCMSPR | Status: | New |
| Vendor: | Restek | | |
| Lot Number: | A0175748 | | |
| Balance ID: | | | |
| Comments: | 6 ampules | | |

| Chemical / Solvent Used | BottleNo | Amt | Units | Exp |
|---|---|---|---|---|
| B/N Surrogate Mix (4/89 SOW) | 14431 | 5 | mL | 7/31/ |

**Final Volume:** 5 mL

| **Stock Source** | **Base Units** | **Amount Added** |
|---|---|---|
| **Analytes** | **CAS** | Conc: **ug/mL** |

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# CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 31086 **Lot No.:** A0175748

**Description :** B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

**Container Size :** 5 mL **Pkg Amt:** > 5 mL

**Expiration Date :** July 31, 2027 **Storage:** 10°C or colder

**Handling:** Sonicate prior to use. **Ship:** Ambient

ID #: 14431
Opened:
B/N Surrogate Mix (4/89 SOW)
Expires: 7/31/2027
Rec'd: 10/25/2021
Energy Laboratories Inc 1120 So. 27th Street
Billings MT 59107

## CERTIFIED VALUES

| Elution Order | Compound | | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | |
|---|---|---|---|---|---|
| 1 | Nitrobenzene-d5<br>**CAS #** 4165-60-0<br>**Purity** 99% | (Lot PR-29940A) | 5,027.3 µg/mL | +/- 29.2293 µg/mL<br>+/- 226.4341 µg/mL<br>+/- 251.2566 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 2 | 2-Fluorobiphenyl<br>**CAS #** 321-60-8<br>**Purity** 99% | (Lot 00019169) | 5,001.1 µg/mL | +/- 29.0767 µg/mL<br>+/- 225.2518 µg/mL<br>+/- 249.9447 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 3 | p-Terphenyl-d14<br>**CAS #** 1718-51-0<br>**Purity** 99% | (Lot PR-30504) | 5,001.4 µg/mL | +/- 29.0787 µg/mL<br>+/- 225.2668 µg/mL<br>+/- 249.9613 µg/mL | Gravimetric<br>Unstressed<br>Stressed |

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

**Tech Tips:**
Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

**Column:**
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

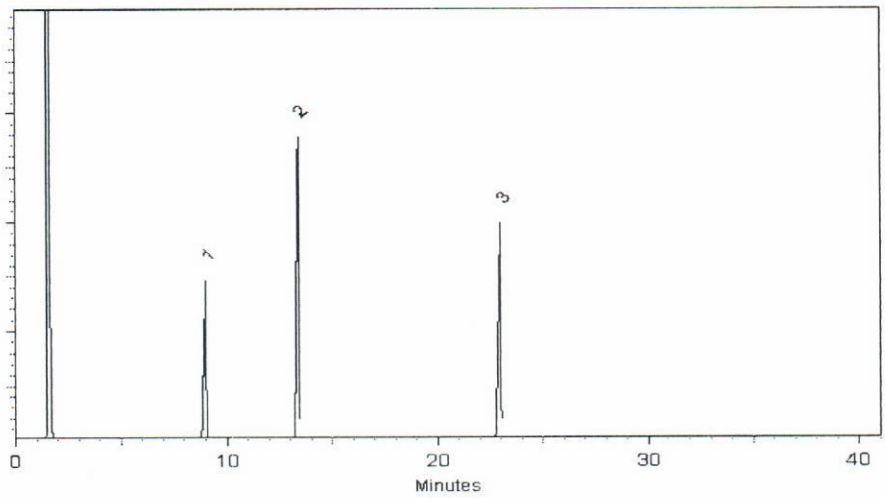
**Carrier Gas:**
hydrogen-constant pressure 10 psi.

**Temp. Program:**
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

**Inj. Temp:**
250°C

**Det. Temp:**
330°C

**Det. Type:**
FID




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler - Operations Tech I

**Date Mixed:** 25-Aug-2021 **Balance:** B345965662

Marline Cowan - Operations Tech I

**Date Passed:** 27-Aug-2021

**Manufactured under Restek's ISO 9001:2015**
**Registered Quality System**
**Certificate #FM 80397**

**General Certified Reference Material Notes**

**Expiration Notes:**

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

**Purity Notes:**

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

**Certified Uncertainty Value Notes:**

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified combined stressed uncertainty value ( includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

  $k$ is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

| Label Conditions | Standard Conditions | Non-Standard Conditions |
|---|---|---|
| 25°C Nominal (Room Temperature) | < 60°C | ≥ 60°C up to 7 days |
| 10°C or colder (Refrigerate) | < 40°C | ≥ 40°C up to 7 days |
| 0°C or colder (Freezer)<br>-20°C or colder (Deep Freezer) | < 25°C | ≥ 25°C up to 7 days |

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

**Manufacturing Notes:**

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

**Handling Notes:**

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampules. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.