LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143582.D
Acq On : 22 Aug 2025 19:50
Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-2B-082025

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143582.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.252 | 3 | 10 | 17 | rBV | 1865232 | 3045920 | 9.64% | 2.387% |
| 2 | 5.440 | 544 | 552 | 557 | rBV | 5088336 | 8154404 | 25.82% | 6.390% |
| 3 | 5.557 | 563 | 572 | 579 | rBV2 | 1323360 | 2507568 | 7.94% | 1.965% |
| 4 | 5.787 | 605 | 611 | 616 | rBV | 627813 | 802606 | 2.54% | 0.629% |
| 5 | 6.104 | 659 | 665 | 670 | rBV | 987835 | 1240375 | 3.93% | 0.972% |
| 6 | 6.387 | 709 | 713 | 720 | rVB | 304352 | 392468 | 1.24% | 0.308% |
| 7 | 6.528 | 733 | 737 | 739 | rBV | 314798 | 375601 | 1.19% | 0.294% |
| 8 | 6.563 | 739 | 743 | 748 | rVV | 851313 | 1217823 | 3.86% | 0.954% |
| 9 | 6.616 | 748 | 752 | 756 | rVB | 514687 | 642457 | 2.03% | 0.503% |
| 10 | 6.751 | 766 | 775 | 783 | rVB | 795168 | 1136128 | 3.60% | 0.890% |
| 11 | 6.928 | 800 | 805 | 809 | rBV | 434967 | 584600 | 1.85% | 0.458% |
| 12 | 6.987 | 809 | 815 | 820 | rVV | 1333733 | 2147064 | 6.80% | 1.682% |
| 13 | 7.034 | 820 | 823 | 829 | rVB2 | 209386 | 396790 | 1.26% | 0.311% |
| 14 | 7.134 | 829 | 840 | 845 | rBV | 8880118 | 21634120 | 68.49% | 16.952% |
| 15 | 7.193 | 845 | 850 | 854 | rVB2 | 674733 | 992119 | 3.14% | 0.777% |
| 16 | 7.493 | 888 | 901 | 910 | rBV3 | 1877585 | 3385447 | 10.72% | 2.653% |
| 17 | 7.722 | 937 | 940 | 944 | rVB | 273379 | 332180 | 1.05% | 0.260% |
| 18 | 7.881 | 960 | 967 | 972 | rVB | 1892993 | 2529269 | 8.01% | 1.982% |
| 19 | 7.951 | 972 | 979 | 983 | rBV3 | 2212379 | 3463267 | 10.96% | 2.714% |
| 20 | 7.998 | 983 | 987 | 992 | rVV | 1144970 | 1981735 | 6.27% | 1.553% |
| 21 | 8.051 | 992 | 996 | 1008 | rVB | 377995 | 531753 | 1.68% | 0.417% |
| 22 | 8.269 | 1017 | 1033 | 1043 | rBV | 9306882 | 31585166 | 100.00% | 24.749% |
| 23 | 8.469 | 1063 | 1067 | 1074 | rVB2 | 311755 | 562692 | 1.78% | 0.441% |
| 24 | 8.675 | 1093 | 1102 | 1105 | rBV4 | 165653 | 440651 | 1.40% | 0.345% |
| 25 | 8.798 | 1113 | 1123 | 1128 | rVV2 | 396014 | 577477 | 1.83% | 0.452% |
| 26 | 8.875 | 1128 | 1136 | 1139 | rVV | 354686 | 509459 | 1.61% | 0.399% |
| 27 | 8.928 | 1139 | 1145 | 1150 | rVV | 3904521 | 5620762 | 17.80% | 4.404% |
| 28 | 9.034 | 1156 | 1163 | 1168 | rVV | 5178518 | 8424282 | 26.67% | 6.601% |
| 29 | 9.281 | 1199 | 1205 | 1210 | rBV | 2709711 | 3513710 | 11.12% | 2.753% |
| 30 | 9.381 | 1216 | 1222 | 1227 | rBV | 534116 | 704372 | 2.23% | 0.552% |
| 31 | 9.475 | 1235 | 1238 | 1244 | rVV2 | 307957 | 525538 | 1.66% | 0.412% |
| 32 | 9.545 | 1244 | 1250 | 1255 | rVV | 599317 | 974129 | 3.08% | 0.763% |
| 33 | 9.622 | 1258 | 1263 | 1266 | rVV | 752509 | 1169606 | 3.70% | 0.916% |
| 34 | 9.645 | 1266 | 1267 | 1272 | rVB2 | 413598 | 370153 | 1.17% | 0.290% |
| 35 | 9.739 | 1278 | 1283 | 1290 | rVV | 361556 | 555003 | 1.76% | 0.435% |
| 36 | 9.963 | 1311 | 1321 | 1324 | rBV | 795048 | 1302769 | 4.12% | 1.021% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143582.D
Acq On : 22 Aug 2025 19:50
Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-2B-082025

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 9.998 | 1324 | 1327 | 1333 | rVV | 2302932 | 2974475 | 9.42% | 2.331% |
| 38 | 10.057 | 1333 | 1337 | 1342 | rVB | 328895 | 444539 | 1.41% | 0.348% |
| 39 | 10.510 | 1410 | 1414 | 1419 | rVB | 457175 | 592878 | 1.88% | 0.465% |
| 40 | 10.586 | 1419 | 1427 | 1431 | rBV3 | 243257 | 553162 | 1.75% | 0.433% |
| 41 | 10.757 | 1447 | 1456 | 1467 | rVB2 | 1757545 | 2582320 | 8.18% | 2.023% |
| 42 | 11.451 | 1569 | 1574 | 1576 | rBV | 689751 | 916636 | 2.90% | 0.718% |
| 43 | 11.475 | 1576 | 1578 | 1582 | rVB | 597211 | 631423 | 2.00% | 0.495% |
| 44 | 11.980 | 1661 | 1664 | 1668 | rBV2 | 230371 | 339194 | 1.07% | 0.266% |
| 45 | 13.039 | 1838 | 1844 | 1849 | rVB | 2460817 | 3194323 | 10.11% | 2.503% |
| 46 | 14.092 | 2018 | 2023 | 2036 | rVB | 423195 | 564759 | 1.79% | 0.443% |
| 47 | 15.592 | 2272 | 2278 | 2292 | rBV | 316305 | 496686 | 1.57% | 0.389% |

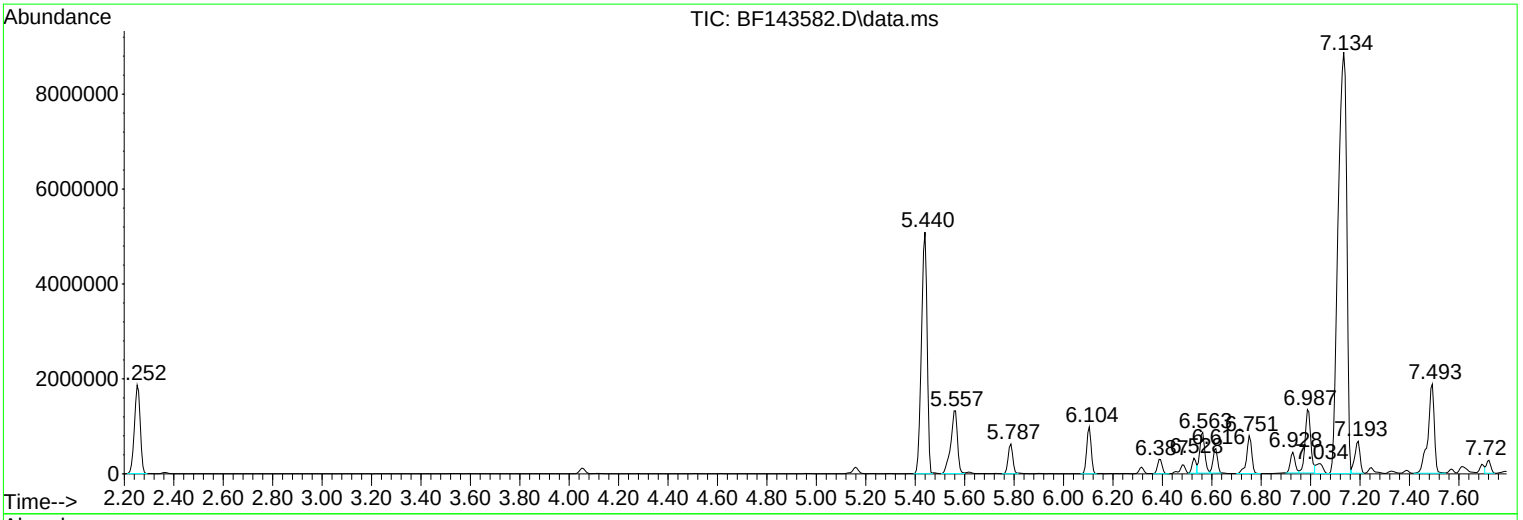
Sum of corrected areas: 127619858

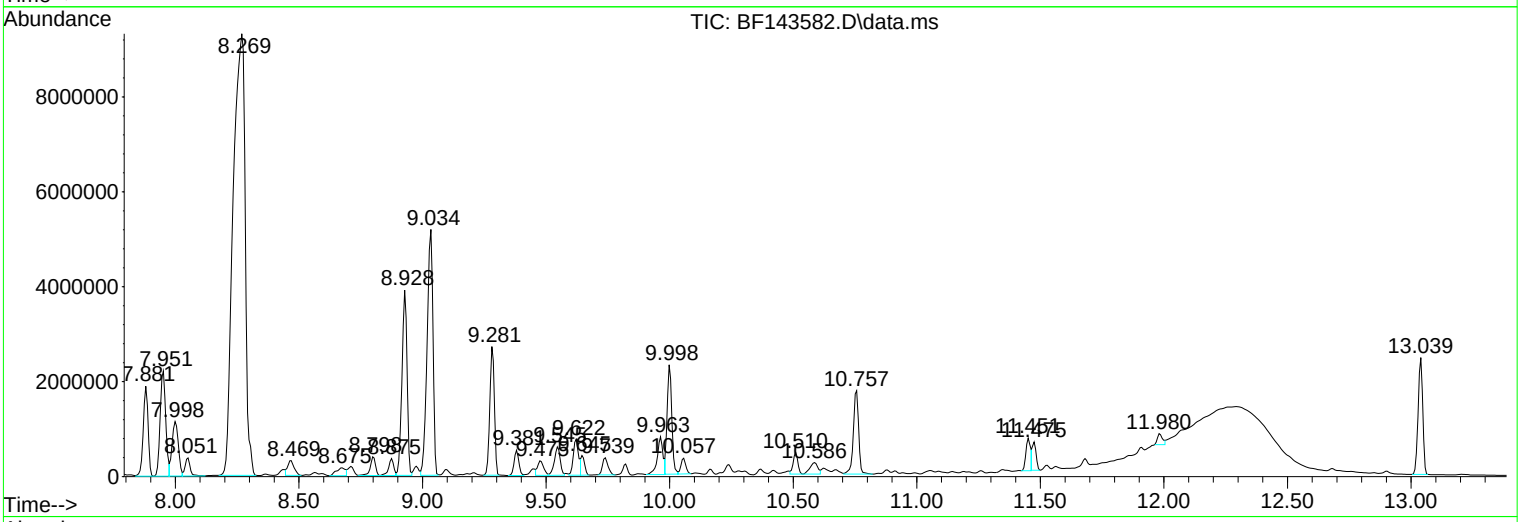
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143582.D
Acq On : 22 Aug 2025 19:50
Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

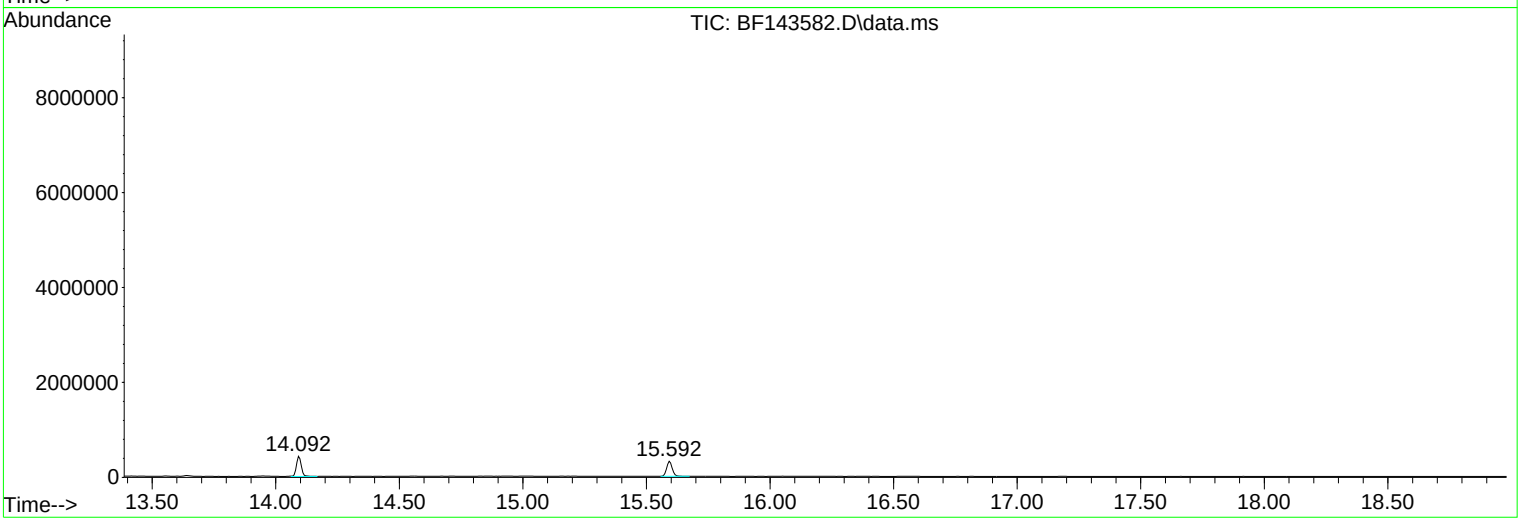
**Instrument :**
BNA_F
**ClientSampleId :**
MW-2B-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143582.D
Acq On : 22 Aug 2025 19:50
Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-2B-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

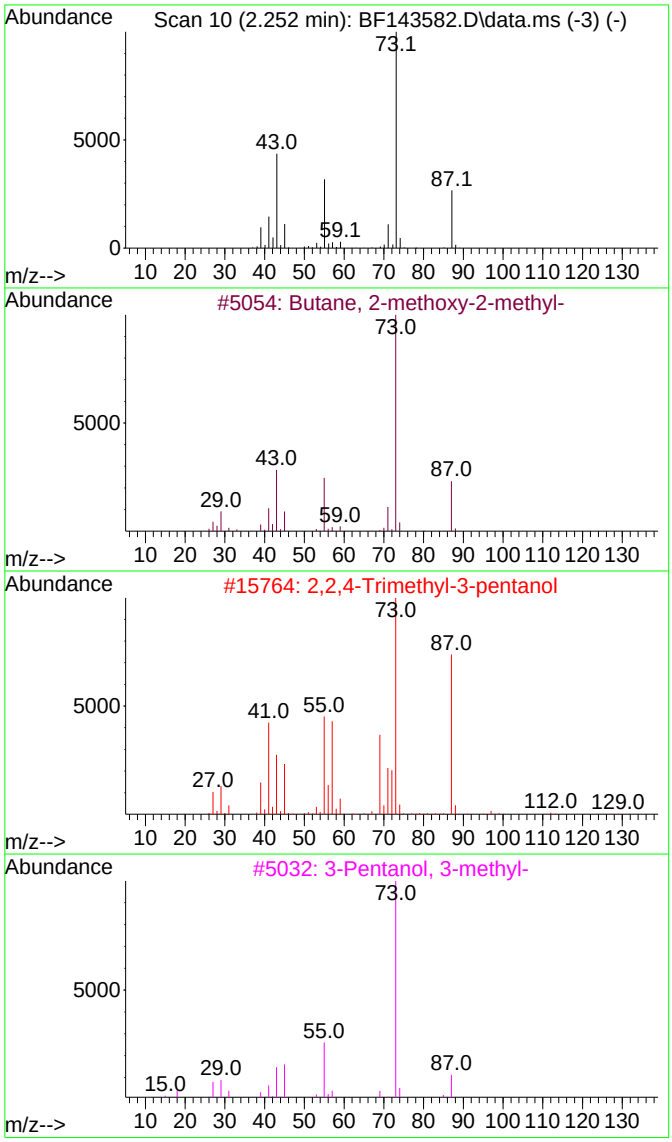
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

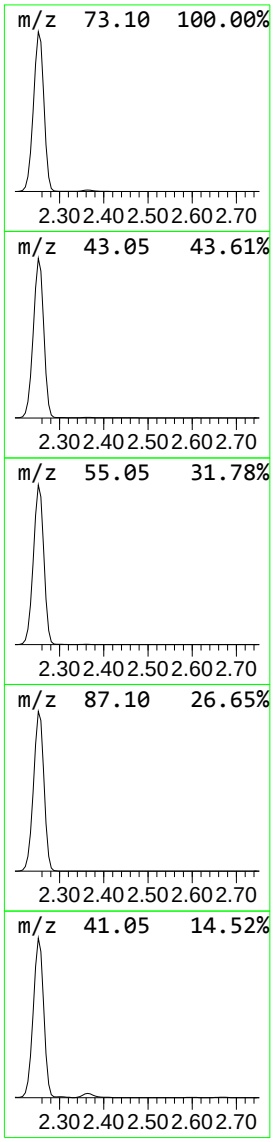
**********

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.252 | 104.21 ng | 3045920 | 1,4-Dichlorobenzene-d4 | 6.928 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 83 |
| 2 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 39 |
| 3 | 3-Pentanol, 3-methyl- | 102 | C6H14O | 000077-74-7 | 17 |
| 4 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 12 |
| 5 | Acetamide, N-ethyl- | 87 | C4H9NO | 000625-50-3 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143582.D
Acq On : 22 Aug 2025 19:50
Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-2B-082025

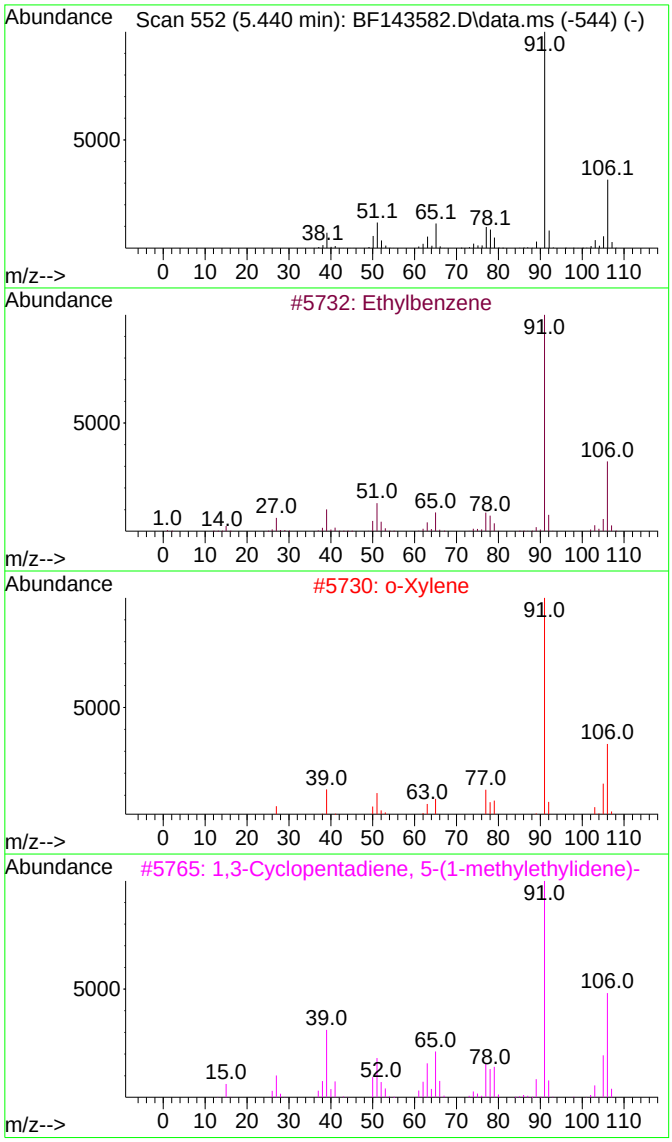
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

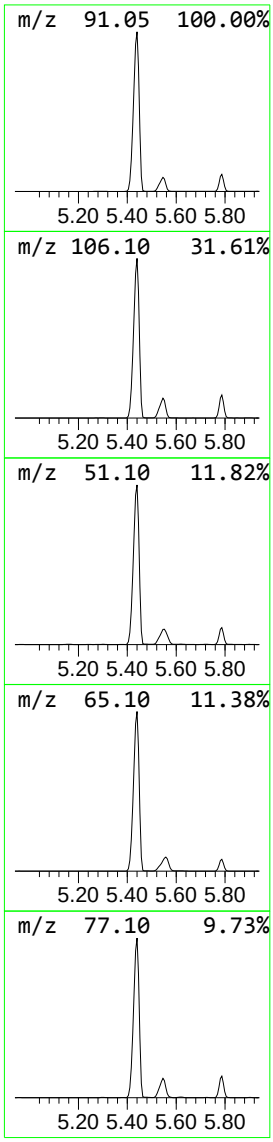
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 1,3-Cyclopentadiene, 5-(1-m... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.440 | 278.97 ng | 8154400 | 1,4-Dichlorobenzene-d4 | 6.928 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethylbenzene | 106 | C8H10 | 000100-41-4 | 94 |
| 2 | o-Xylene | 106 | C8H10 | 000095-47-6 | 81 |
| 3 | 1,3-Cyclopentadiene, 5-(1-methyl... | 106 | C8H10 | 002175-91-9 | 74 |
| 4 | p-Xylene | 106 | C8H10 | 000106-42-3 | 72 |
| 5 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143582.D
Acq On : 22 Aug 2025 19:50
Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-2B-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

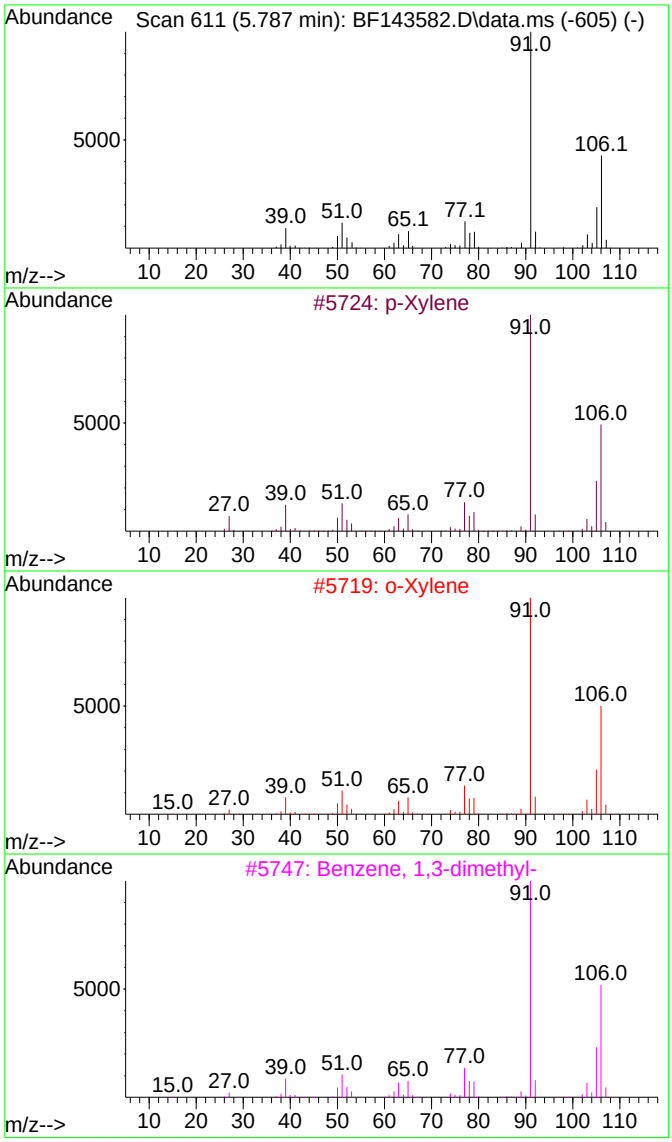
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

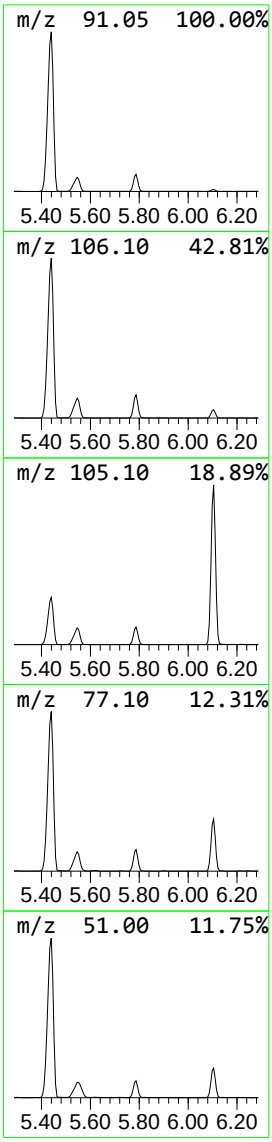
**********

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.787 | 27.46 ng | 802606 | 1,4-Dichlorobenzene-d4 | 6.928 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | p-Xylene | 106 | C8H10 | 000106-42-3 | 97 |
| 2 | o-Xylene | 106 | C8H10 | 000095-47-6 | 97 |
| 3 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 97 |
| 4 | 1,3-Cyclopentadiene, 5-(1-methyl... | 106 | C8H10 | 002175-91-9 | 91 |
| 5 | Ethylbenzene | 106 | C8H10 | 000100-41-4 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143582.D
Acq On : 22 Aug 2025 19:50
Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-2B-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

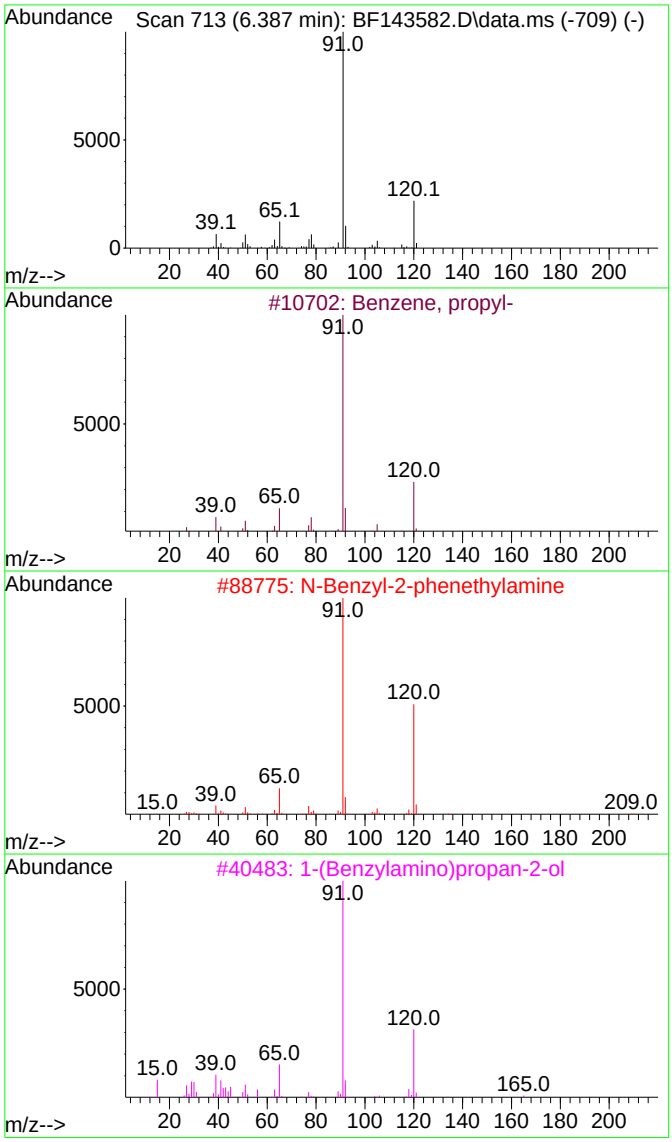
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

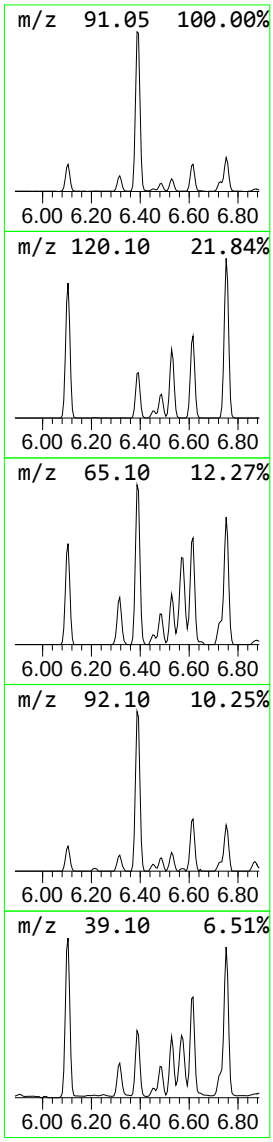
**********

Peak Number 5 unknown6.387 Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.387 | 13.43 ng | 392468 | 1,4-Dichlorobenzene-d4 | 6.928 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 94 |
| 2 | N-Benzyl-2-phenethylamine | 211 | C15H17N | 003647-71-0 | 83 |
| 3 | 1-(Benzylamino)propan-2-ol | 165 | C10H15NO | 1000486-84-7 | 72 |
| 4 | 1,2-Ethanediamine, N,N'-bis(phen... | 240 | C16H20N2 | 000140-28-3 | 72 |
| 5 | Benzeneacetaldehyde | 120 | C8H8O | 000122-78-1 | 62 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143582.D
Acq On : 22 Aug 2025 19:50
Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-2B-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

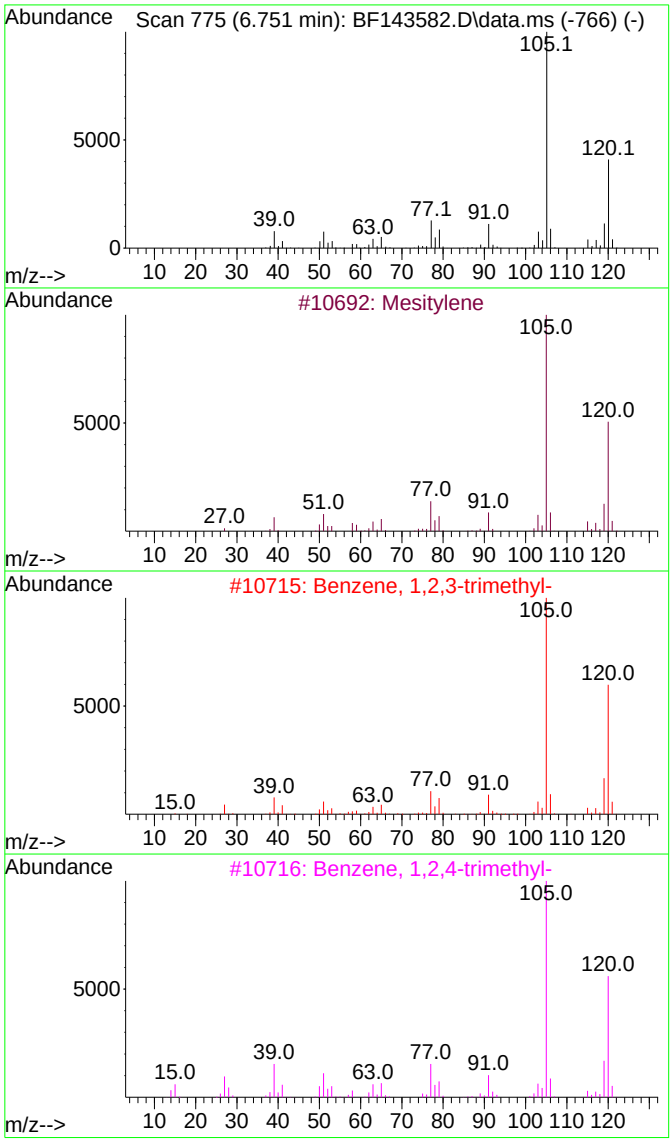
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

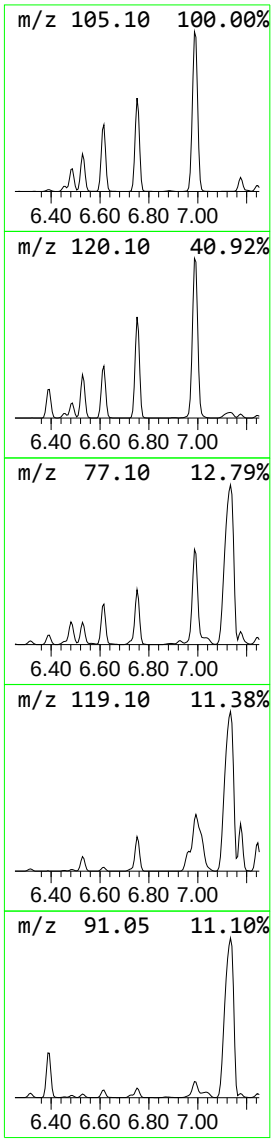
**********

Peak Number 6 unknown6.751 Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.751 | 38.87 ng | 1136130 | 1,4-Dichlorobenzene-d4 | 6.928 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Mesitylene | 120 | C9H12 | 000108-67-8 | 97 |
| 2 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 97 |
| 3 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 95 |
| 4 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 5 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143582.D
Acq On : 22 Aug 2025 19:50
Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-2B-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

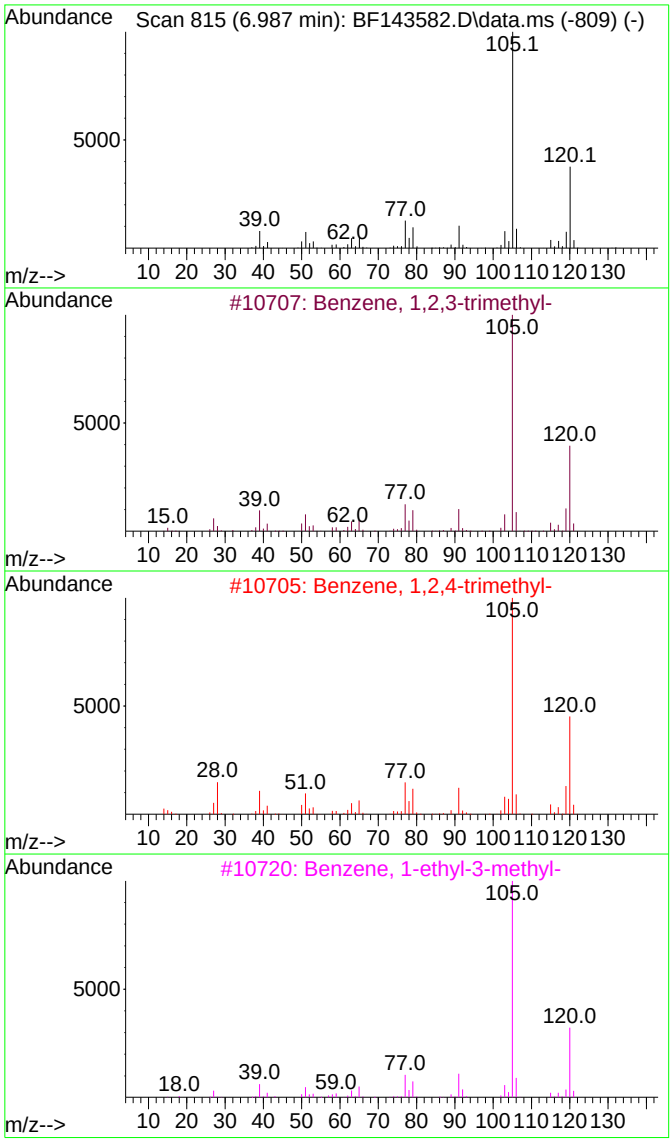
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

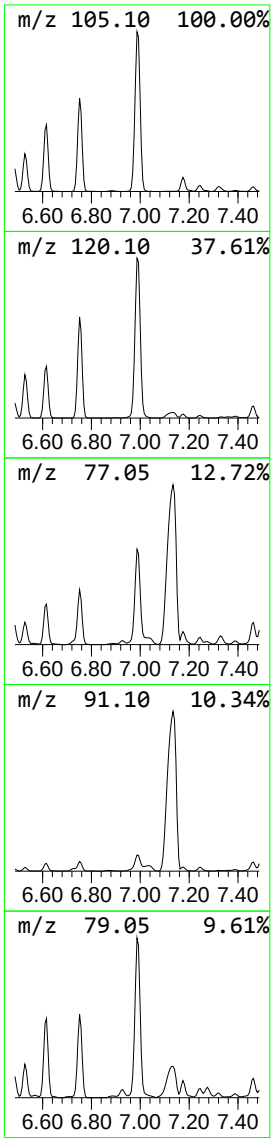
**********

Peak Number 7 unknown6.987 Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.987 | 73.45 ng | 2147060 | 1,4-Dichlorobenzene-d4 | 6.928 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 94 |
| 2 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 94 |
| 3 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 94 |
| 4 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 91 |
| 5 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143582.D
Acq On : 22 Aug 2025 19:50
Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-2B-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

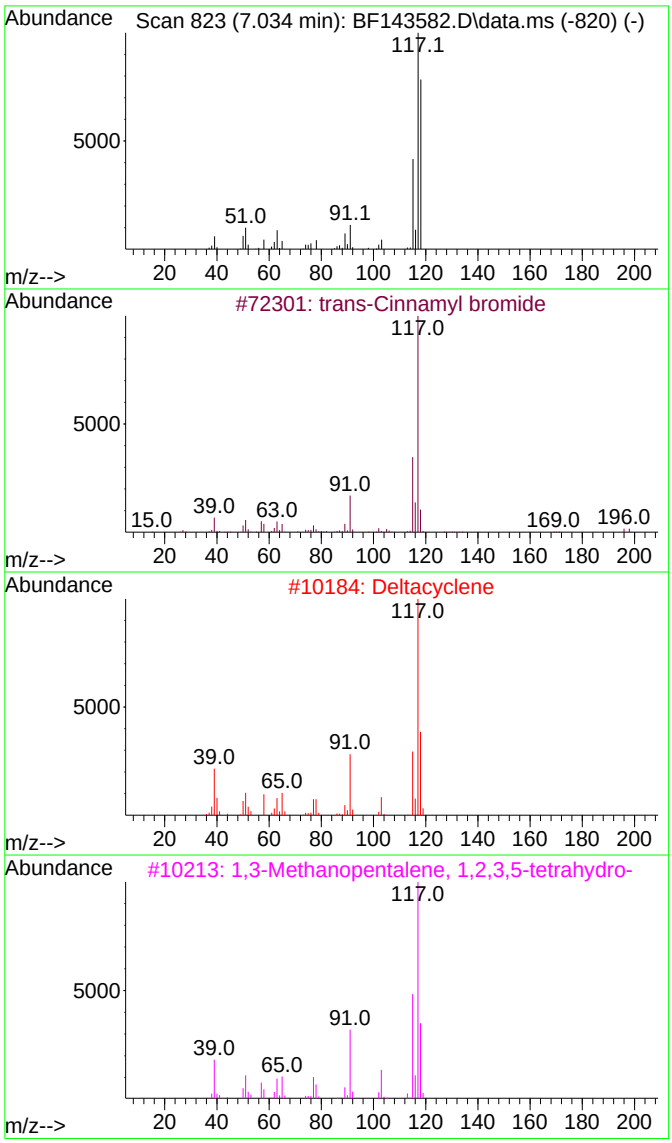
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

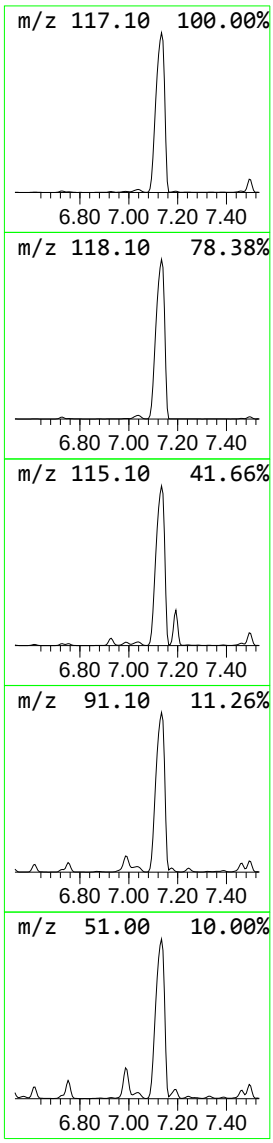
**********

Peak Number 8 unknown7.034 Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.034 | 13.57 ng | 396790 | 1,4-Dichlorobenzene-d4 | 6.928 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | trans-Cinnamyl bromide | 196 | C9H9Br | 026146-77-0 | 47 |
| 2 | Deltacyclene | 118 | C9H10 | 007785-10-6 | 43 |
| 3 | 1,3-Methanopentalene, 1,2,3,5-te... | 118 | C9H10 | 128600-88-4 | 37 |
| 4 | Benzene, 1,1'-(1,5-hexadiene-1,6... | 234 | C18H18 | 004439-45-6 | 32 |
| 5 | Benzene, (2-bromocyclopropyl)- | 196 | C9H9Br | 036617-02-4 | 32 |



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Data File : BF143582.D
Acq On : 22 Aug 2025 19:50
Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-2B-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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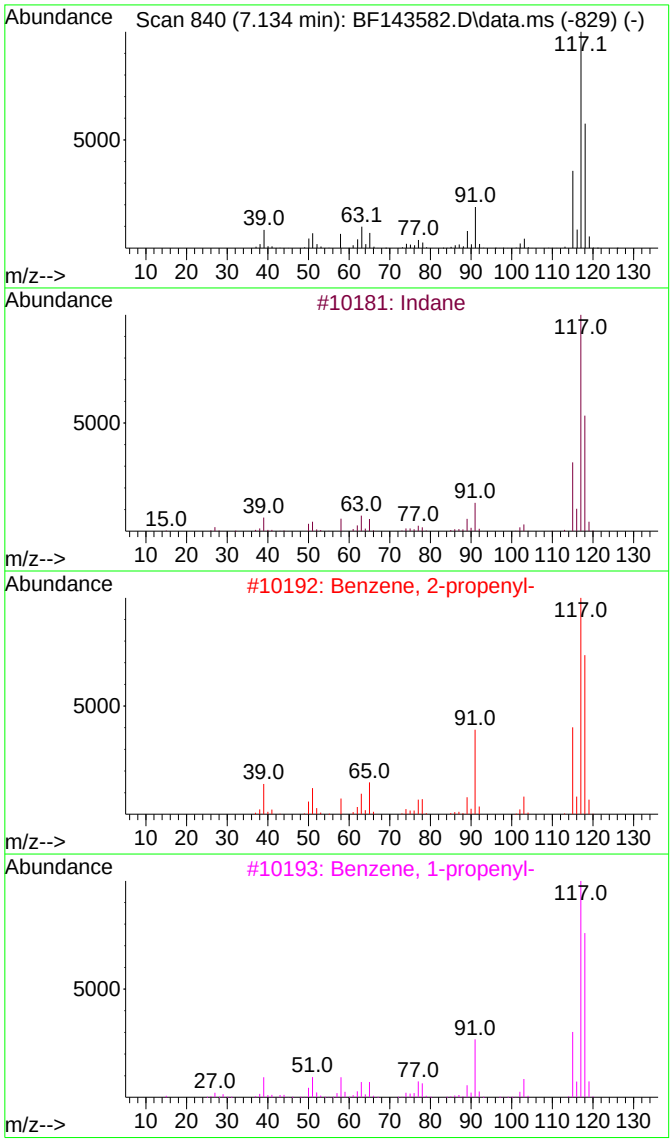
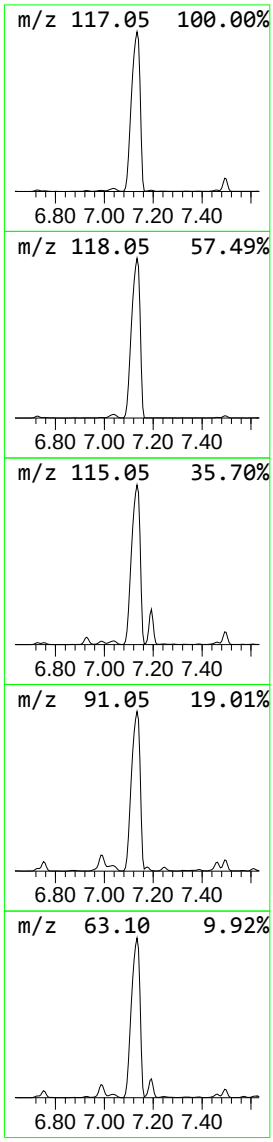
Peak Number 9 unknown7.134 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.134 | 740.13 ng | 21634100 | 1,4-Dichlorobenzene-d4 | 6.928 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 93 |
| 2 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 81 |
| 3 | Benzene, 1-propenyl- | 118 | C9H10 | 000637-50-3 | 76 |
| 4 | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10 | 000611-15-4 | 74 |
| 5 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 74 |



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Data File : BF143582.D
Acq On : 22 Aug 2025 19:50
Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-2B-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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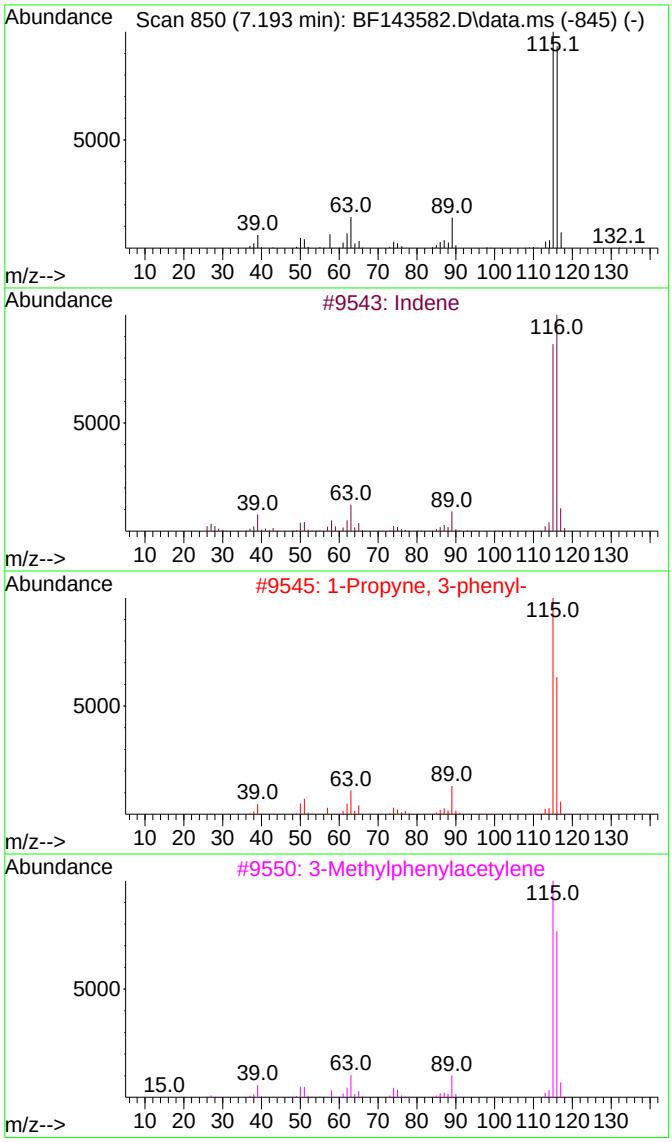
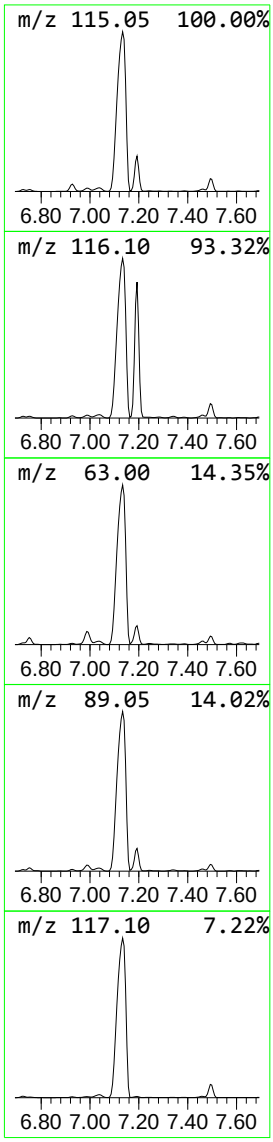
Peak Number 10 unknown7.193 Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.193 | 33.94 ng | 992119 | 1,4-Dichlorobenzene-d4 | 6.928 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indene | 116 | C9H8 | 000095-13-6 | 94 |
| 2 | 1-Propyne, 3-phenyl- | 116 | C9H8 | 010147-11-2 | 94 |
| 3 | 3-Methylphenylacetylene | 116 | C9H8 | 000766-82-5 | 91 |
| 4 | Benzene, 1,2-propadienyl- | 116 | C9H8 | 002327-99-3 | 91 |
| 5 | Benzene, 1-propynyl- | 116 | C9H8 | 000673-32-5 | 91 |



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Data File : BF143582.D
Acq On : 22 Aug 2025 19:50
Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-2B-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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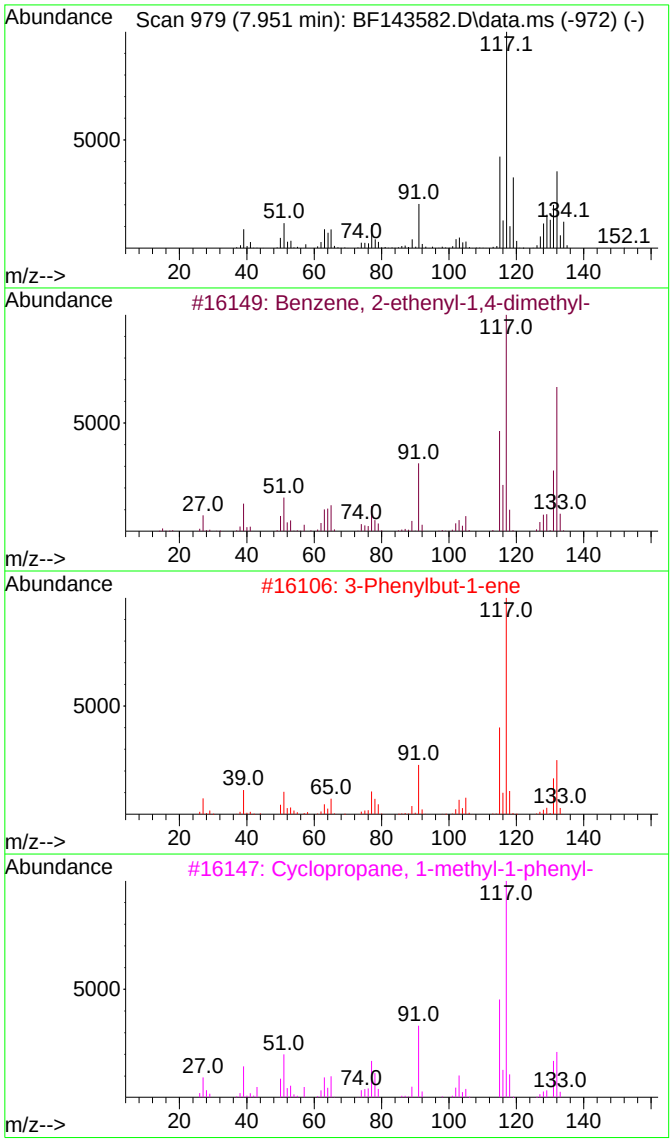
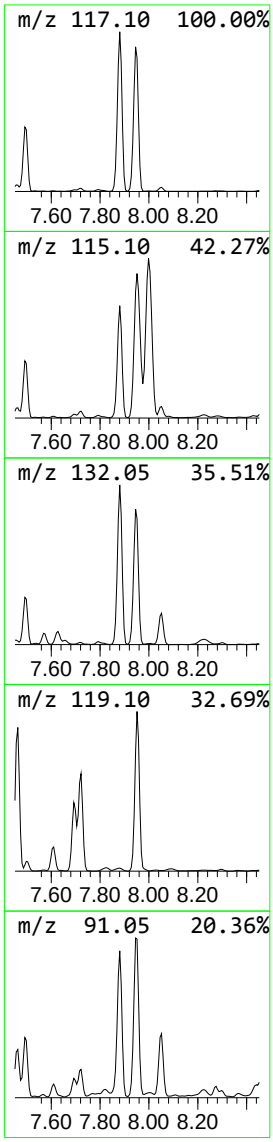
Peak Number 11 unknown7.951 Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.951 | 2.19 ng | 3463270 | Naphthalene-d8 | 8.228 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 86 |
| 2 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 76 |
| 3 | Cyclopropane, 1-methyl-1-phenyl- | 132 | C10H12 | 002214-14-4 | 70 |
| 4 | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12 | 000874-35-1 | 64 |
| 5 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 64 |



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Data File : BF143582.D
Acq On : 22 Aug 2025 19:50
Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-2B-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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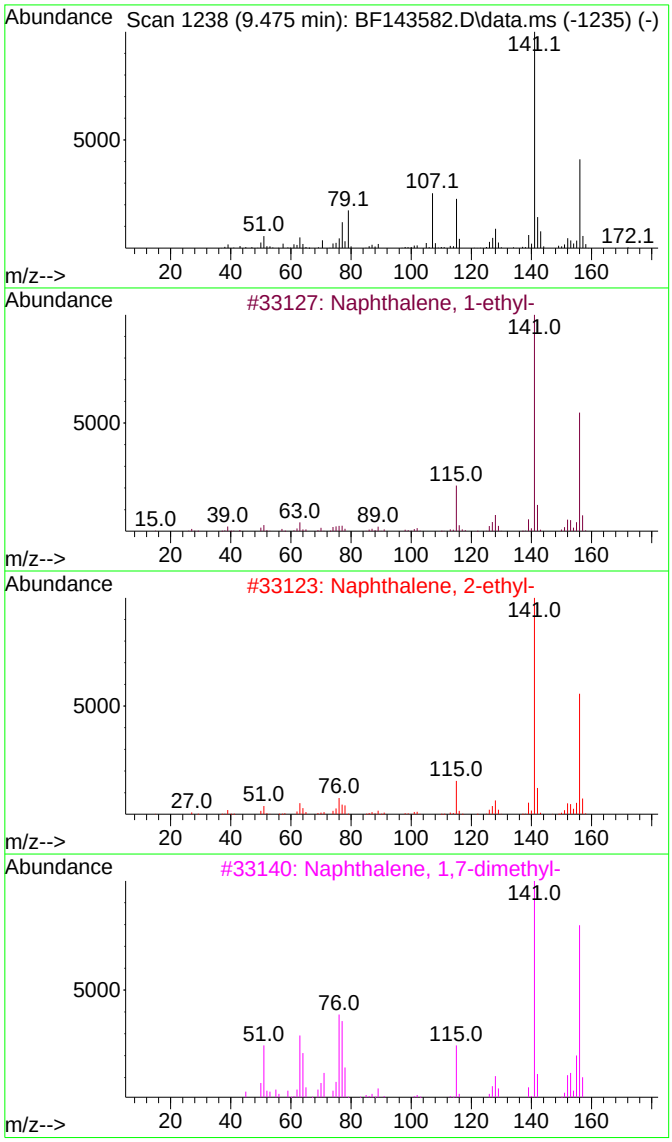
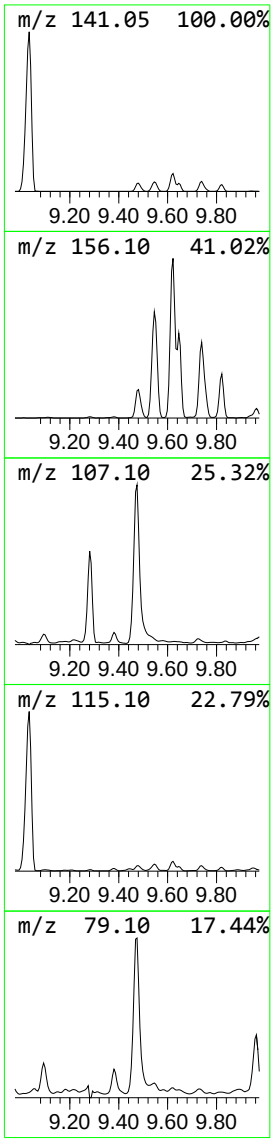
Peak Number 12 Naphthalene, 1-ethyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.475 | 8.07 ng | 525538 | Acenaphthene-d10 | 9.963 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1-ethyl- | 156 | C12H12 | 001127-76-0 | 95 |
| 2 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 95 |
| 3 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 72 |
| 4 | 2-Amino-4-tertbutylthiazole | 156 | C7H12N2S | 074370-93-7 | 53 |
| 5 | 2-Thiophenecarboxylic acid, 5-et... | 156 | C7H8O2S | 023229-72-3 | 53 |



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Acq On : 22 Aug 2025 19:50
Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-2B-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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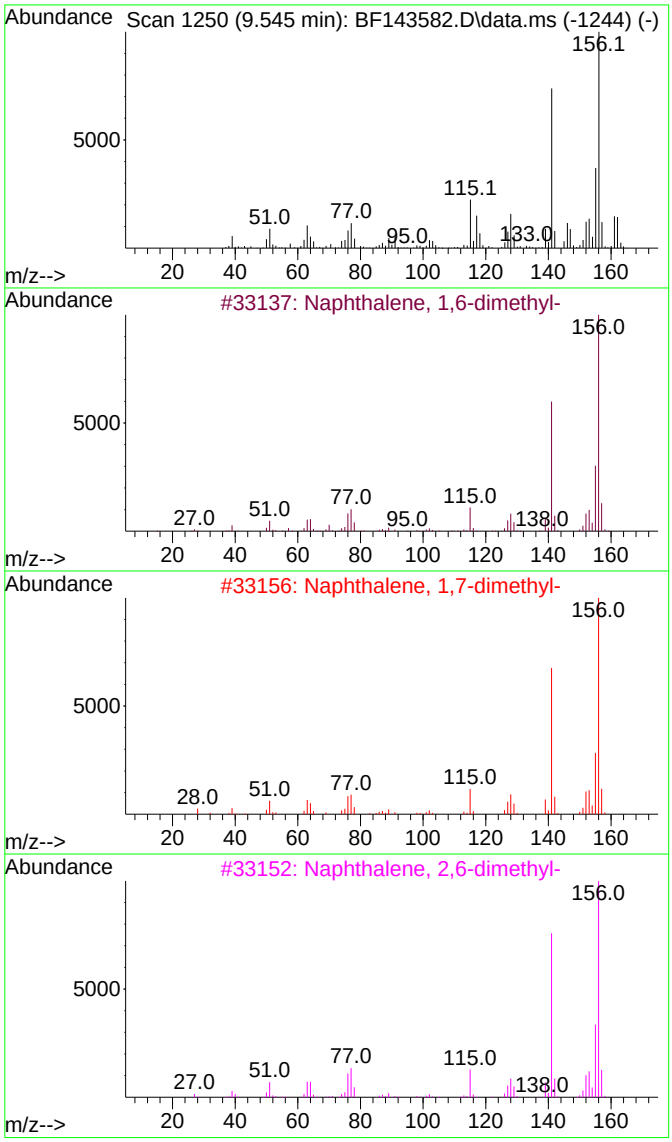
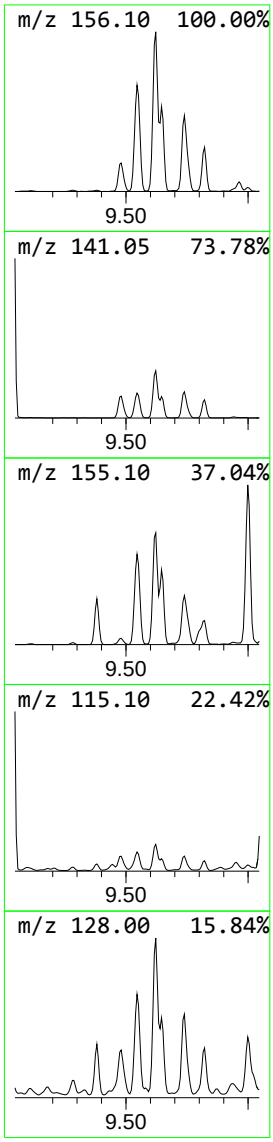
Peak Number 13 Naphthalene, 1,6-dimethyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.545 | 14.95 ng | 974129 | Acenaphthene-d10 | 9.963 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 96 |
| 2 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 96 |
| 3 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 96 |
| 4 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 96 |
| 5 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 94 |



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Acq On : 22 Aug 2025 19:50
Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-2B-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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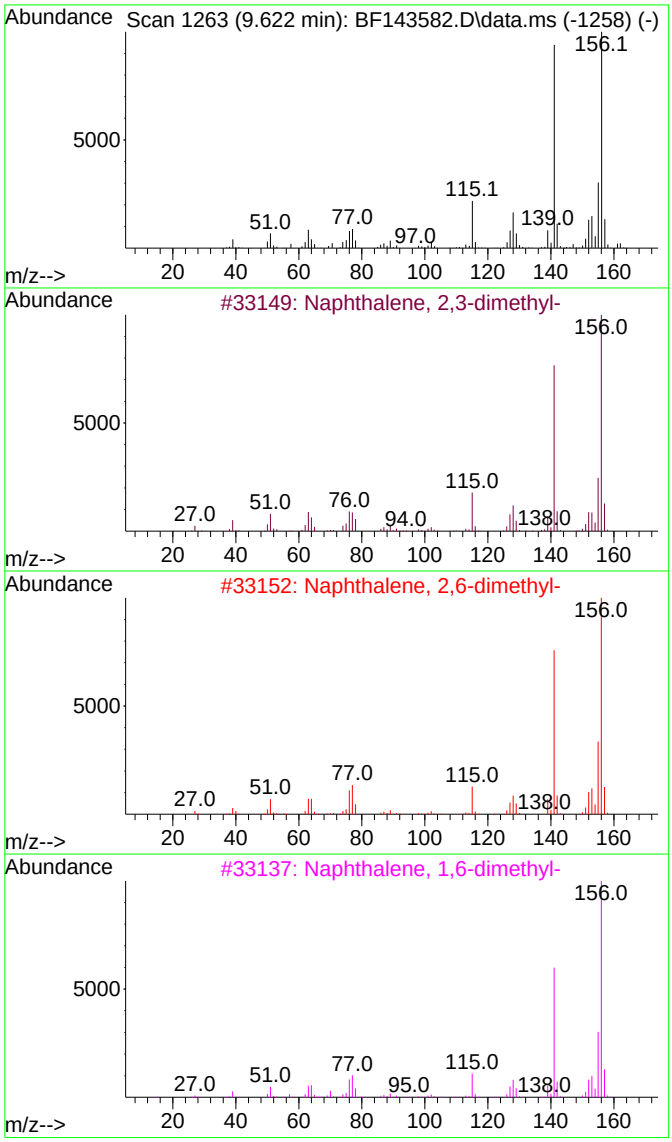
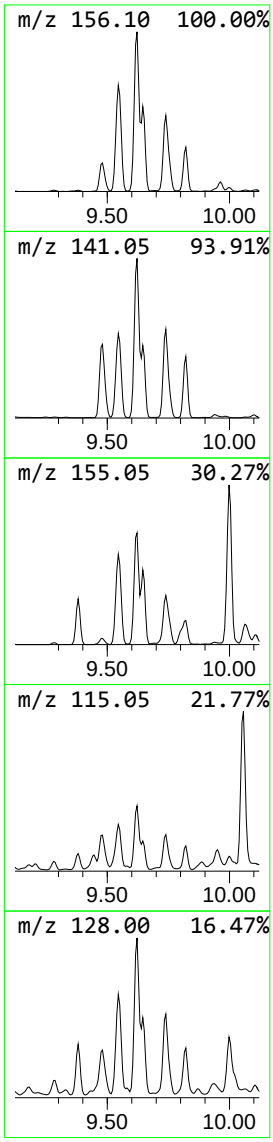
Peak Number 14 Naphthalene, 2,3-dimethyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.622 | 17.96 ng | 1169610 | Acenaphthene-d10 | 9.963 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 2 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 97 |
| 3 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 97 |
| 4 | Naphthalene, 1,5-dimethyl- | 156 | C12H12 | 000571-61-9 | 96 |
| 5 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 96 |



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Data File : BF143582.D
Acq On : 22 Aug 2025 19:50
Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-2B-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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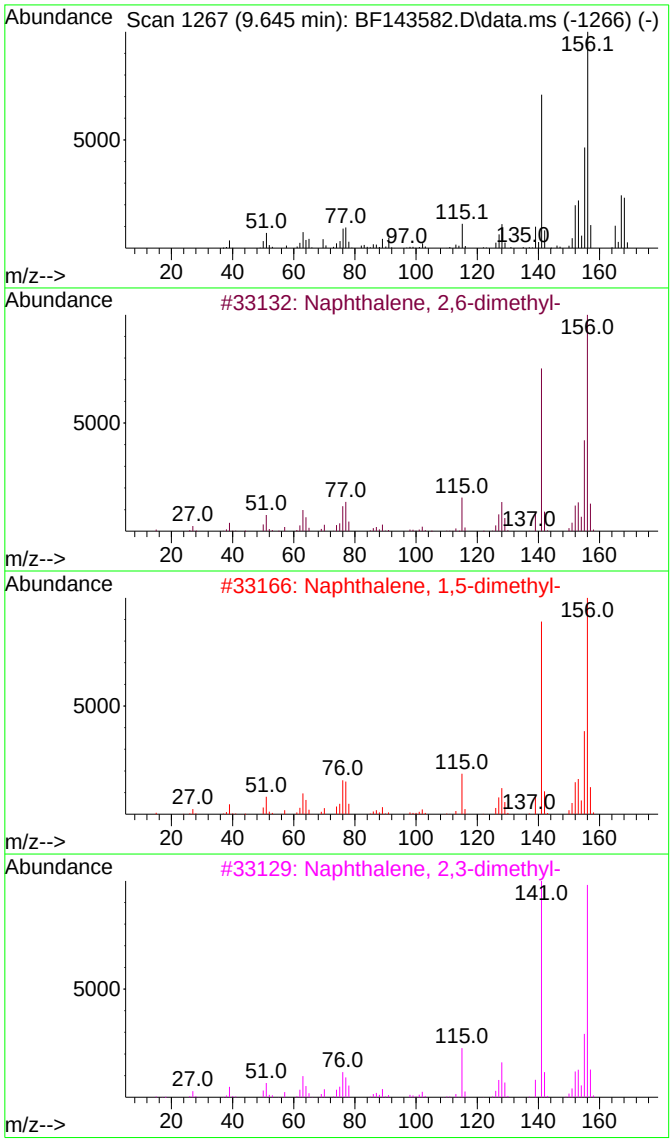
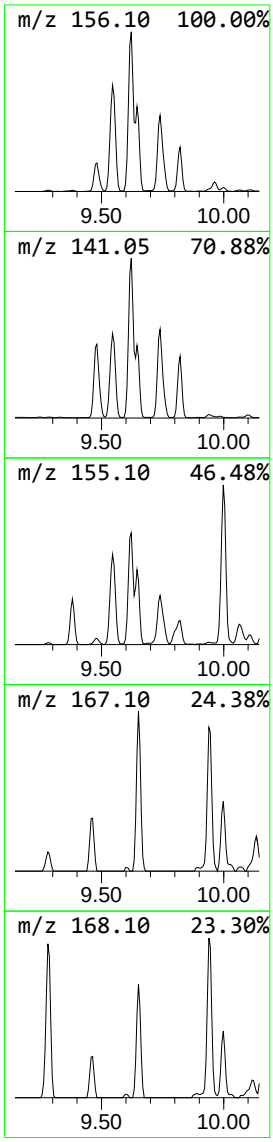
Peak Number 15 Naphthalene, 2,6-dimethyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.645 | 5.68 ng | 370153 | Acenaphthene-d10 | 9.963 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 86 |
| 2 | Naphthalene, 1,5-dimethyl- | 156 | C12H12 | 000571-61-9 | 83 |
| 3 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 78 |
| 4 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 78 |
| 5 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 78 |



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Data File : BF143582.D
Acq On : 22 Aug 2025 19:50
Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-2B-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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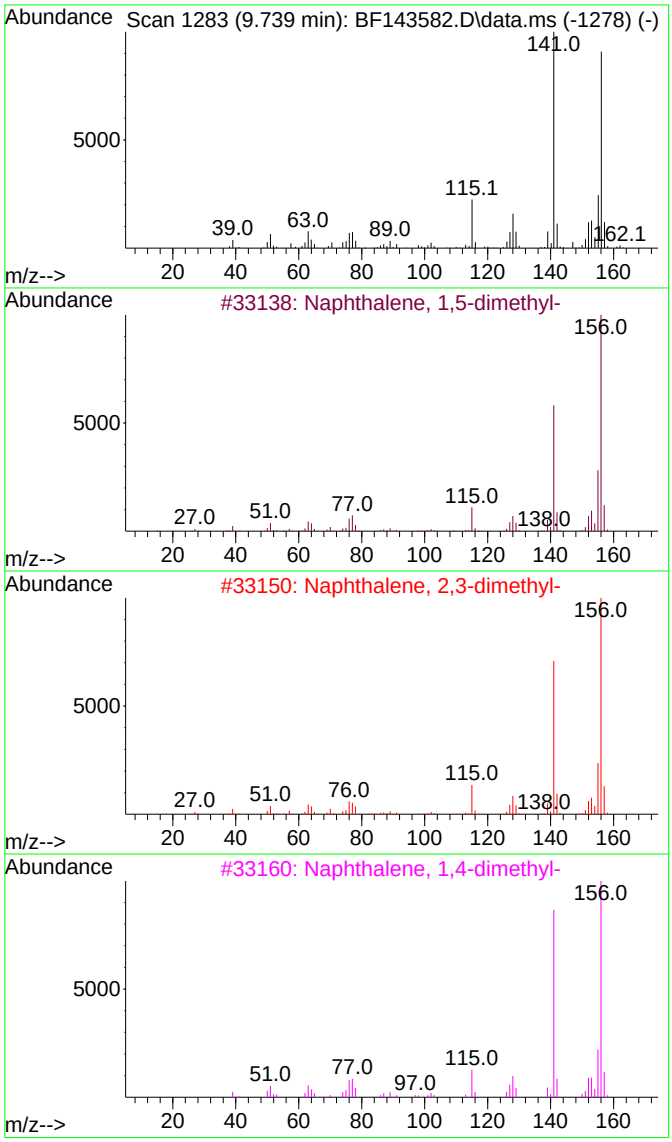
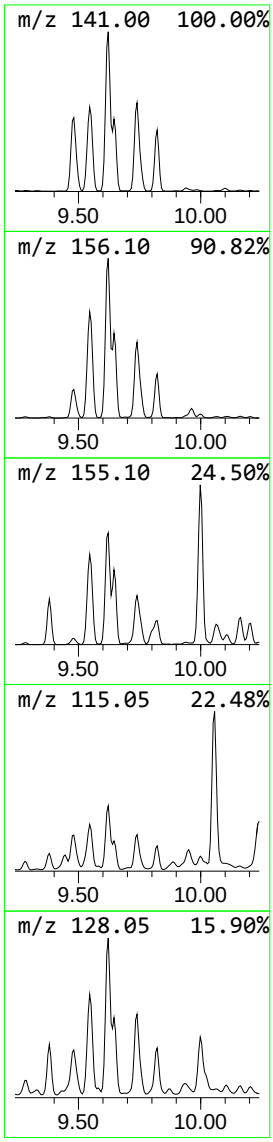
Peak Number 16 Naphthalene, 1,5-dimethyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.739 | 8.52 ng | 555003 | Acenaphthene-d10 | 9.963 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,5-dimethyl- | 156 | C12H12 | 000571-61-9 | 97 |
| 2 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 3 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 96 |
| 4 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 96 |
| 5 | Naphthalene, 1,8-dimethyl- | 156 | C12H12 | 000569-41-5 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143582.D
Acq On : 22 Aug 2025 19:50
Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-2B-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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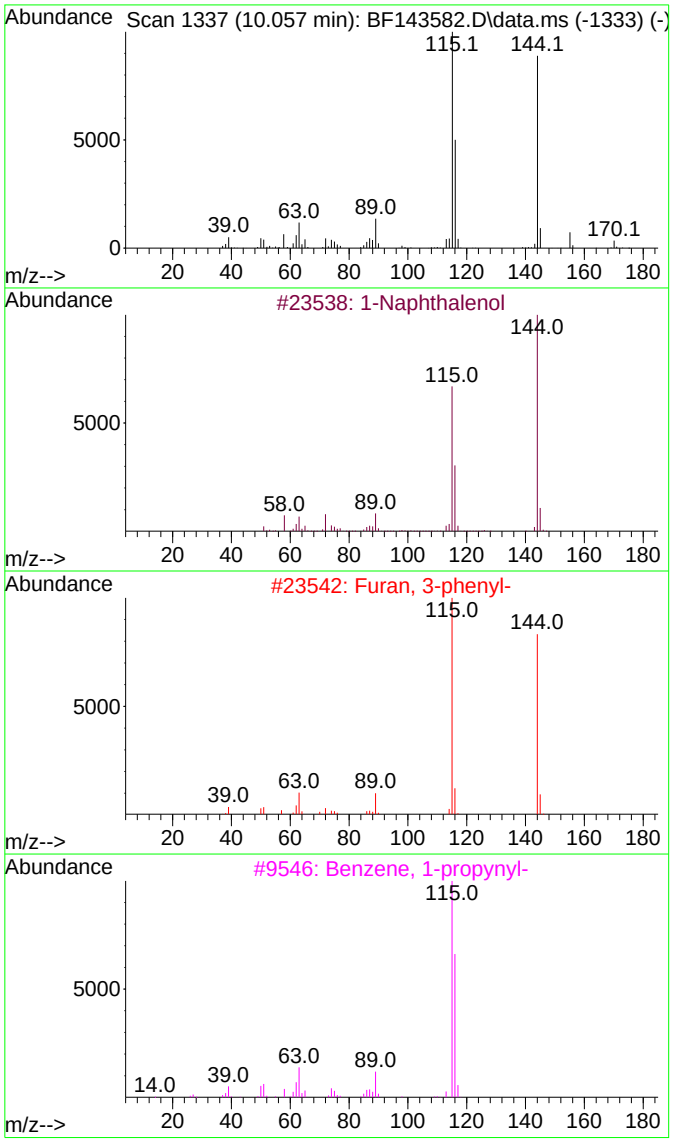
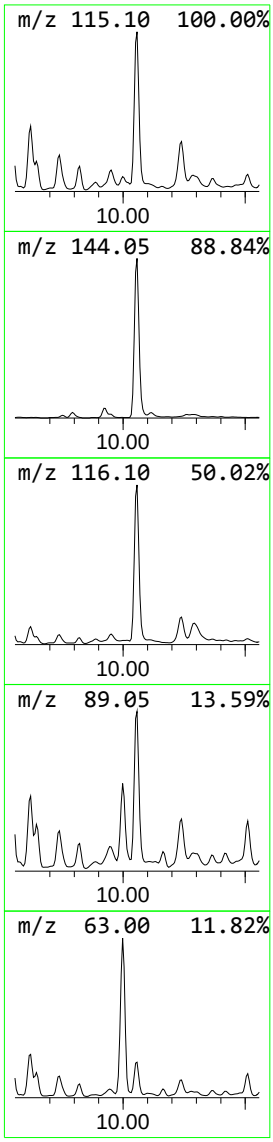
Peak Number 17 1-Naphthalenol Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.057 | 6.82 ng | 444539 | Acenaphthene-d10 | 9.963 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Naphthalenol | 144 | C10H8O | 000090-15-3 | 97 |
| 2 | Furan, 3-phenyl- | 144 | C10H8O | 013679-41-9 | 93 |
| 3 | Benzene, 1-propynyl- | 116 | C9H8 | 000673-32-5 | 91 |
| 4 | 1-Propyne, 3-phenyl- | 116 | C9H8 | 010147-11-2 | 90 |
| 5 | 2-Naphthalenol | 144 | C10H8O | 000135-19-3 | 87 |



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Data File : BF143582.D
Acq On : 22 Aug 2025 19:50
Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-2B-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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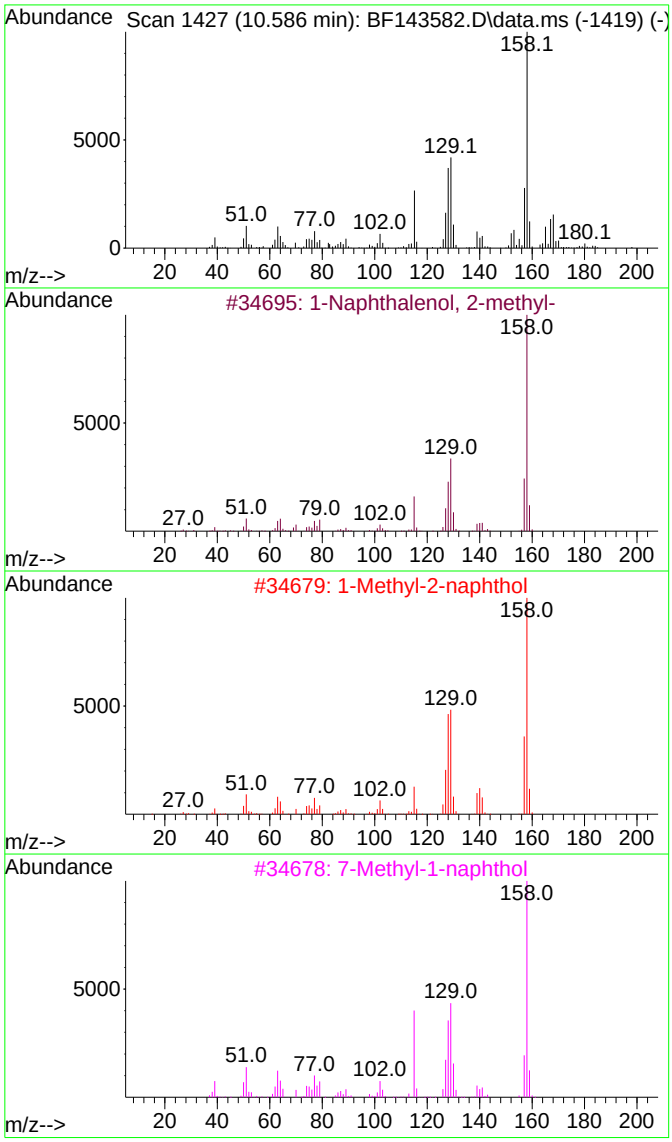
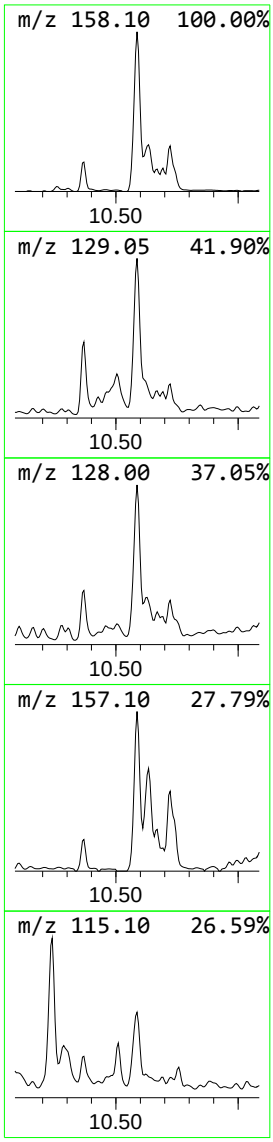
Peak Number 18 1-Naphthalenol, 2-methyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.586 | 8.49 ng | 553162 | Acenaphthene-d10 | 9.963 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Naphthalenol, 2-methyl- | 158 | C11H10O | 007469-77-4 | 94 |
| 2 | 1-Methyl-2-naphthol | 158 | C11H10O | 001076-26-2 | 90 |
| 3 | 7-Methyl-1-naphthol | 158 | C11H10O | 006939-33-9 | 89 |
| 4 | Cinnoline, 3,4-dimethyl- | 158 | C10H10N2 | 003929-83-7 | 68 |
| 5 | 1-Naphthalenol, 4-methyl- | 158 | C11H10O | 010240-08-1 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143582.D
Acq On : 22 Aug 2025 19:50
Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-2B-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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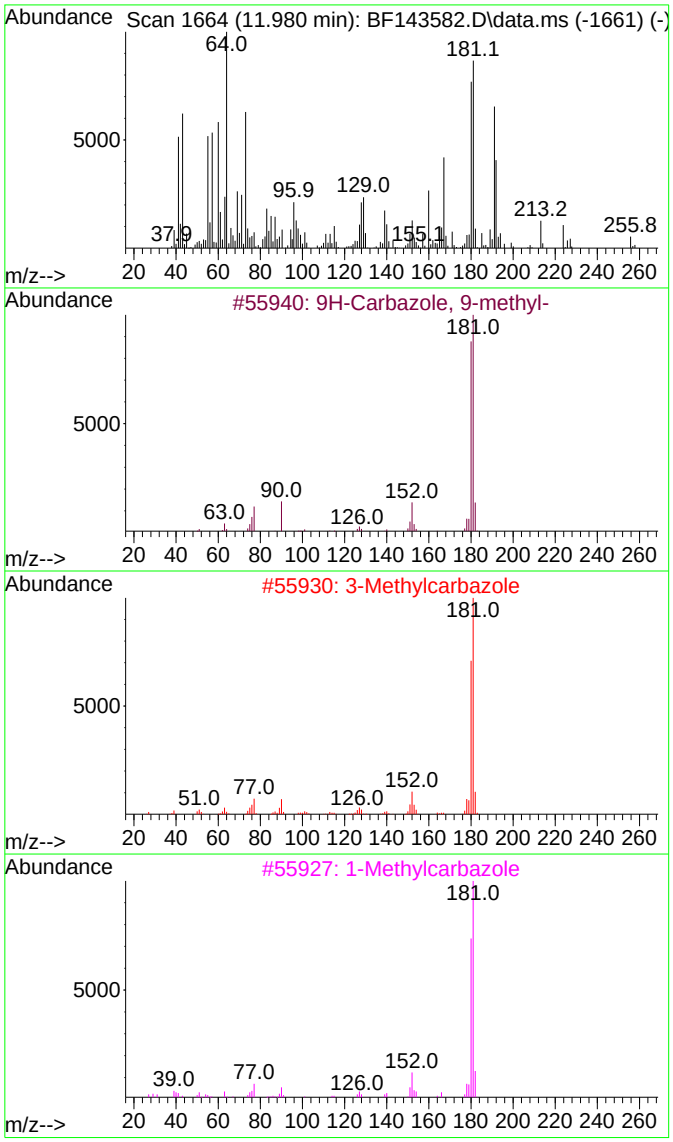
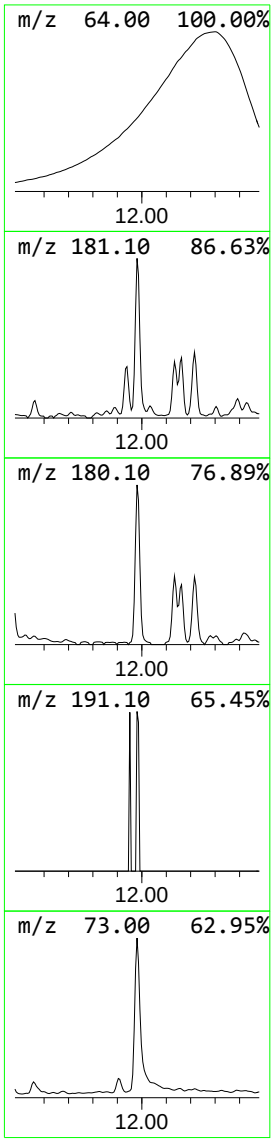
Peak Number 19 9H-Carbazole, 9-methyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.980 | 7.40 ng | 339194 | Phenanthrene-d10 | 11.451 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Carbazole, 9-methyl- | 181 | C13H11N | 001484-12-4 | 56 |
| 2 | 3-Methylcarbazole | 181 | C13H11N | 004630-20-0 | 56 |
| 3 | 1-Methylcarbazole | 181 | C13H11N | 006510-65-2 | 44 |
| 4 | Hexathiane | 192 | S6 | 013798-23-7 | 38 |
| 5 | Cyclic octaatomic sulfur | 256 | S8 | 010544-50-0 | 32 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143582.D
Acq On : 22 Aug 2025 19:50
Operator : RC/JU
Sample : Q2924-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-2B-082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Butane, 2-metho... | 2.252 | 104.2 | ng | 3045920 | 1 | 6.928 | 584600 | 20.0 |
| 1,3-Cyclopentad... | 5.440 | 279.0 | ng | 8154400 | 1 | 6.928 | 584600 | 20.0 |
| Benzene, 1,3-di... | 5.787 | 27.5 | ng | 802606 | 1 | 6.928 | 584600 | 20.0 |
| unknown6.387 | 6.387 | 13.4 | ng | 392468 | 1 | 6.928 | 584600 | 20.0 |
| unknown6.751 | 6.751 | 38.9 | ng | 1136130 | 1 | 6.928 | 584600 | 20.0 |
| unknown6.987 | 6.987 | 73.5 | ng | 2147060 | 1 | 6.928 | 584600 | 20.0 |
| unknown7.034 | 7.034 | 13.6 | ng | 396790 | 1 | 6.928 | 584600 | 20.0 |
| unknown7.134 | 7.134 | 740.1 | ng | 21634100 | 1 | 6.928 | 584600 | 20.0 |
| unknown7.193 | 7.193 | 33.9 | ng | 992119 | 1 | 6.928 | 584600 | 20.0 |
| unknown7.951 | 7.951 | 2.2 | ng | 3463270 | 2 | 8.228 | 31585200 | 20.0 |
| Naphthalene, 1-... | 9.475 | 8.1 | ng | 525538 | 3 | 9.963 | 1302770 | 20.0 |
| Naphthalene, 1,... | 9.545 | 14.9 | ng | 974129 | 3 | 9.963 | 1302770 | 20.0 |
| Naphthalene, 2,... | 9.622 | 18.0 | ng | 1169610 | 3 | 9.963 | 1302770 | 20.0 |
| Naphthalene, 2,... | 9.645 | 5.7 | ng | 370153 | 3 | 9.963 | 1302770 | 20.0 |
| Naphthalene, 1,... | 9.739 | 8.5 | ng | 555003 | 3 | 9.963 | 1302770 | 20.0 |
| 1-Naphthalenol | 10.057 | 6.8 | ng | 444539 | 3 | 9.963 | 1302770 | 20.0 |
| 1-Naphthalenol,... | 10.586 | 8.5 | ng | 553162 | 3 | 9.963 | 1302770 | 20.0 |
| 9H-Carbazole, 9... | 11.980 | 7.4 | ng | 339194 | 4 | 11.451 | 916636 | 20.0 |