LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025132.D
Acq On : 14 Jul 2025 23:18
Operator : CG/JU
Sample : Q2565-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MOO-25-0194-0195

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025132.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.660 | 288 | 293 | 301 | rBV | 457493 | 615108 | 2.55% | 0.509% |
| 2 | 5.102 | 361 | 368 | 377 | rBV | 5056160 | 6946125 | 28.84% | 5.749% |
| 3 | 6.631 | 620 | 628 | 638 | rBV | 4819145 | 7370036 | 30.60% | 6.100% |
| 4 | 7.443 | 759 | 766 | 773 | rBV | 1832328 | 2774705 | 11.52% | 2.297% |
| 5 | 8.566 | 946 | 957 | 967 | rBV | 3243520 | 5055488 | 20.99% | 4.184% |
| 6 | 9.984 | 1190 | 1198 | 1204 | rBV3 | 237569 | 546748 | 2.27% | 0.453% |
| 7 | 10.184 | 1223 | 1232 | 1244 | rVB | 2222649 | 4687417 | 19.46% | 3.880% |
| 8 | 10.878 | 1341 | 1350 | 1359 | rVB8 | 385006 | 1264914 | 5.25% | 1.047% |
| 9 | 10.960 | 1359 | 1364 | 1368 | rBV2 | 418710 | 813929 | 3.38% | 0.674% |
| 10 | 11.248 | 1409 | 1413 | 1428 | rVB6 | 569615 | 1647161 | 6.84% | 1.363% |
| 11 | 11.390 | 1433 | 1437 | 1443 | rVB4 | 448567 | 848697 | 3.52% | 0.702% |
| 12 | 11.666 | 1480 | 1484 | 1492 | rBV5 | 571663 | 1592702 | 6.61% | 1.318% |
| 13 | 11.948 | 1528 | 1532 | 1536 | rBV5 | 562675 | 1089433 | 4.52% | 0.902% |
| 14 | 12.131 | 1559 | 1563 | 1572 | rVB5 | 1367684 | 3189999 | 13.25% | 2.640% |
| 15 | 12.266 | 1583 | 1586 | 1591 | rVB3 | 999408 | 1511629 | 6.28% | 1.251% |
| 16 | 12.507 | 1621 | 1627 | 1631 | rBV4 | 1715369 | 3830196 | 15.90% | 3.170% |
| 17 | 12.689 | 1653 | 1658 | 1663 | rVB | 6648658 | 11745388 | 48.77% | 9.722% |
| 18 | 12.772 | 1670 | 1672 | 1675 | rBV3 | 1033517 | 1110650 | 4.61% | 0.919% |
| 19 | 13.372 | 1770 | 1774 | 1780 | rVB5 | 3879551 | 5424801 | 22.52% | 4.490% |
| 20 | 13.472 | 1786 | 1791 | 1795 | rBV5 | 3682179 | 6783559 | 28.17% | 5.615% |
| 21 | 13.519 | 1796 | 1799 | 1803 | rVV | 5221229 | 6583589 | 27.34% | 5.449% |
| 22 | 13.760 | 1838 | 1840 | 1847 | rVB3 | 2886217 | 4314862 | 17.92% | 3.571% |
| 23 | 13.936 | 1866 | 1870 | 1874 | rVB2 | 8181840 | 11163744 | 46.35% | 9.240% |
| 24 | 22.130 | 3259 | 3263 | 3268 | rVB | 15618672 | 24083608 | 100.00% | 19.934% |
| 25 | 24.465 | 3658 | 3660 | 3668 | rVB | 3380410 | 5821643 | 24.17% | 4.819% |

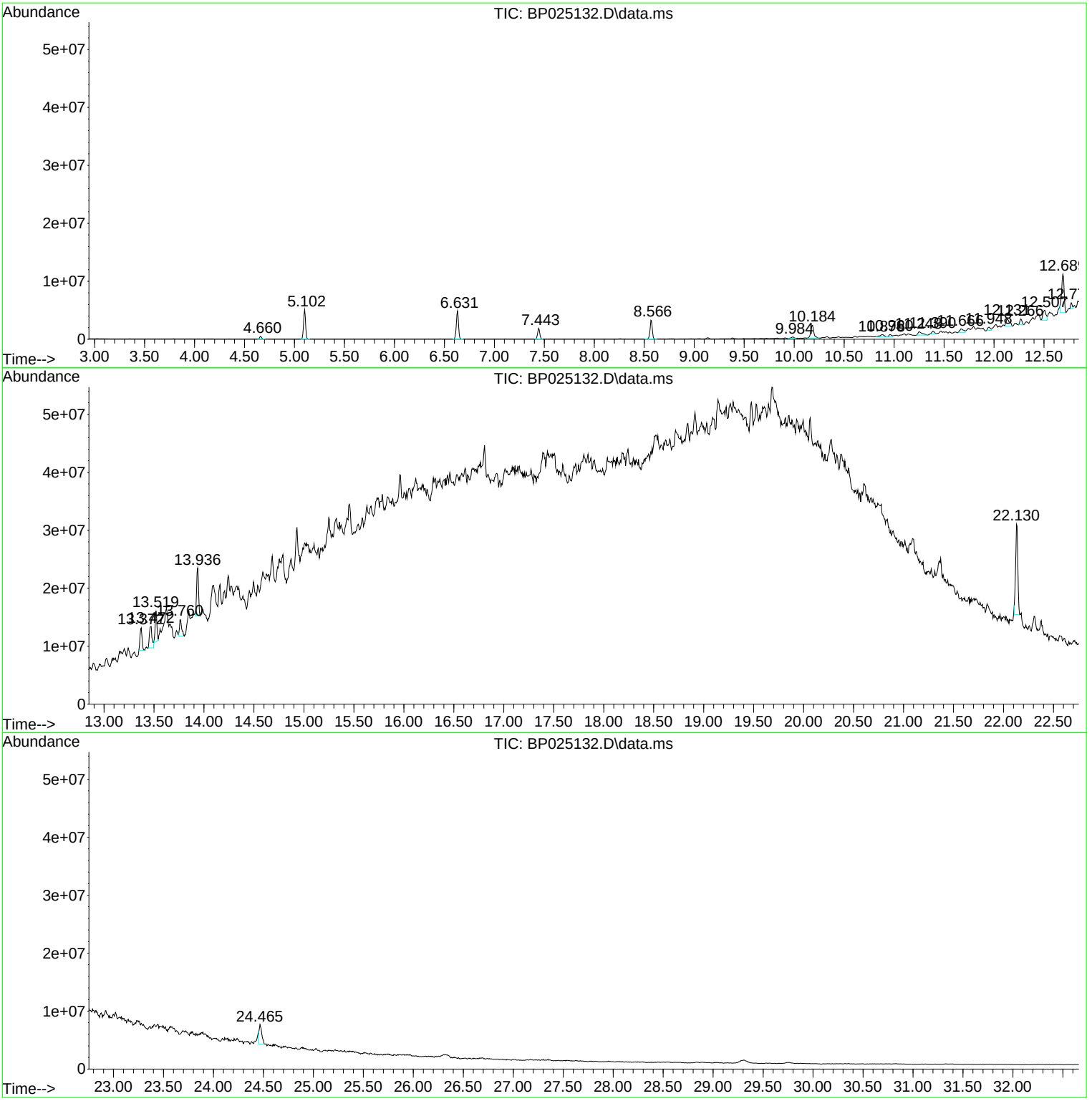
Sum of corrected areas: 120816131

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025132.D
Acq On : 14 Jul 2025 23:18
Operator : CG/JU
Sample : Q2565-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MOO-25-0194-0195

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025132.D
Acq On : 14 Jul 2025 23:18
Operator : CG/JU
Sample : Q2565-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MOO-25-0194-0195

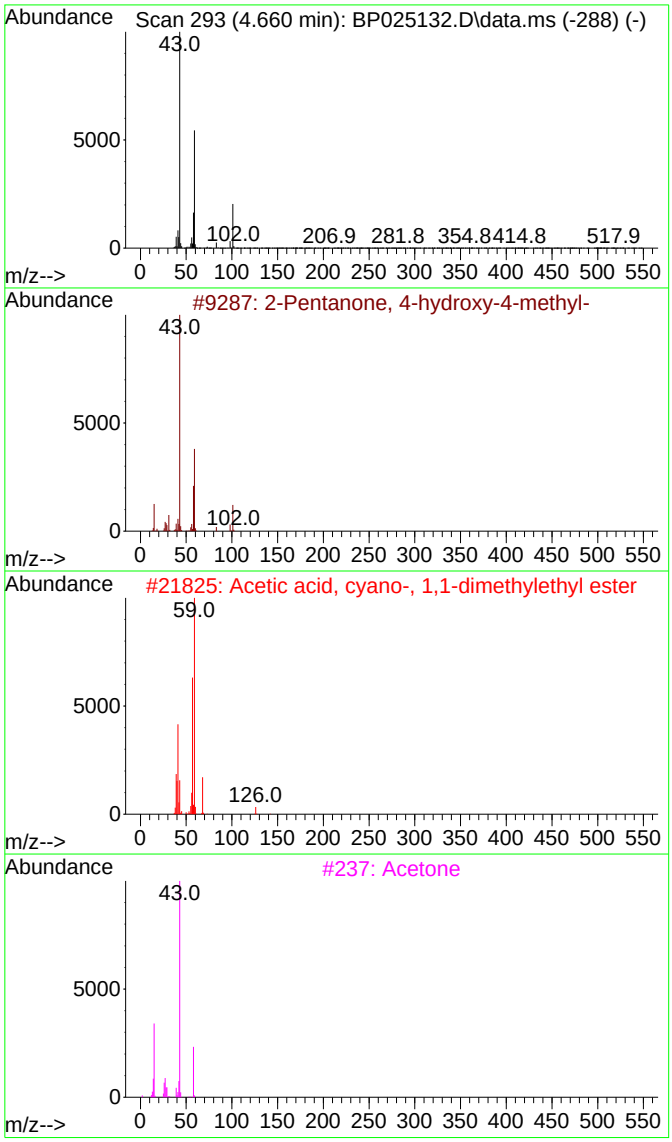
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

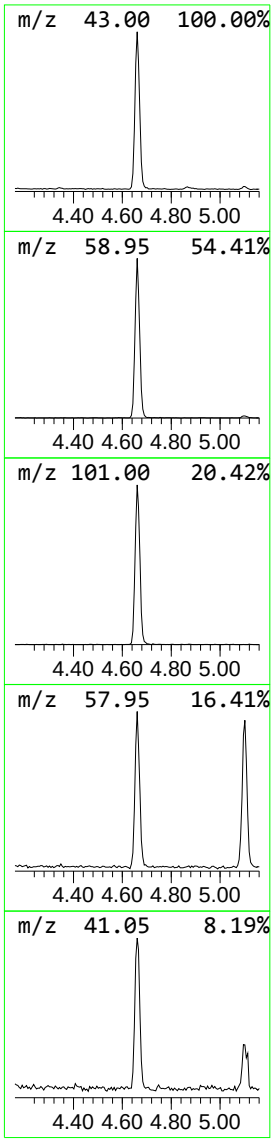
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.660 | 4.43 ng | 615108 | 1,4-Dichlorobenzene-d4 | 7.443 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 50 |
| 2 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 32 |
| 3 | Acetone | 58 | C3H6O | 000067-64-1 | 10 |
| 4 | 1-Propen-2-ol, acetate | 100 | C5H8O2 | 000108-22-5 | 10 |
| 5 | Formamide, N,N-diethyl- | 101 | C5H11NO | 000617-84-5 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025132.D
Acq On : 14 Jul 2025 23:18
Operator : CG/JU
Sample : Q2565-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MOO-25-0194-0195

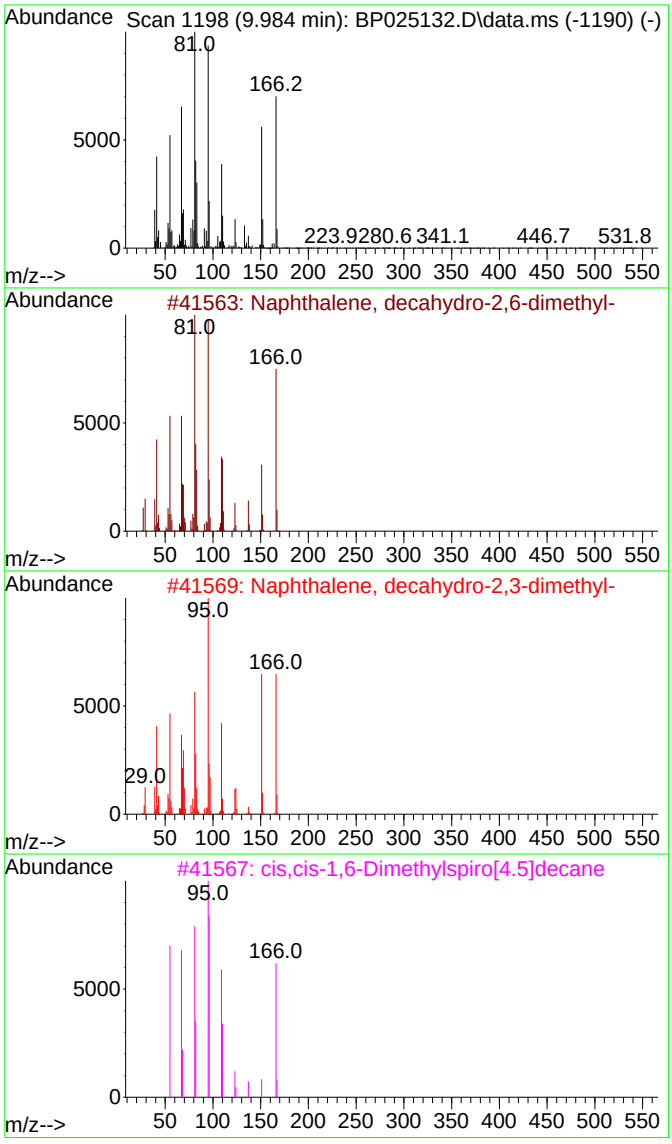
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

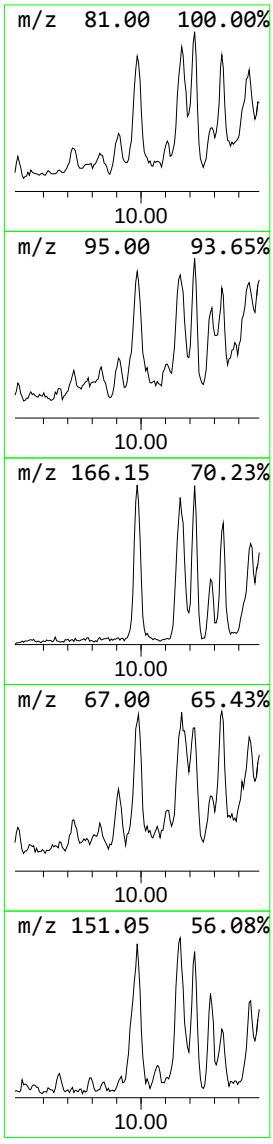
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Naphthalene, decahydro-2,6-... Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.984 | 2.33 ng | 546748 | Naphthalene-d8 | 10.184 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, decahydro-2,6-dimet... | 166 | C12H22 | 001618-22-0 | 93 |
| 2 | Naphthalene, decahydro-2,3-dimet... | 166 | C12H22 | 001008-80-6 | 64 |
| 3 | cis,cis-1,6-Dimethylspiro[4.5]de... | 166 | C12H22 | 1000111-72-4 | 58 |
| 4 | Cyclodecene, 1-methyl- | 152 | C11H20 | 066633-38-3 | 58 |
| 5 | Cyclohexanone, 5-methyl-2-(1-met... | 152 | C10H16O | 015932-80-6 | 55 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025132.D
Acq On : 14 Jul 2025 23:18
Operator : CG/JU
Sample : Q2565-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MOO-25-0194-0195

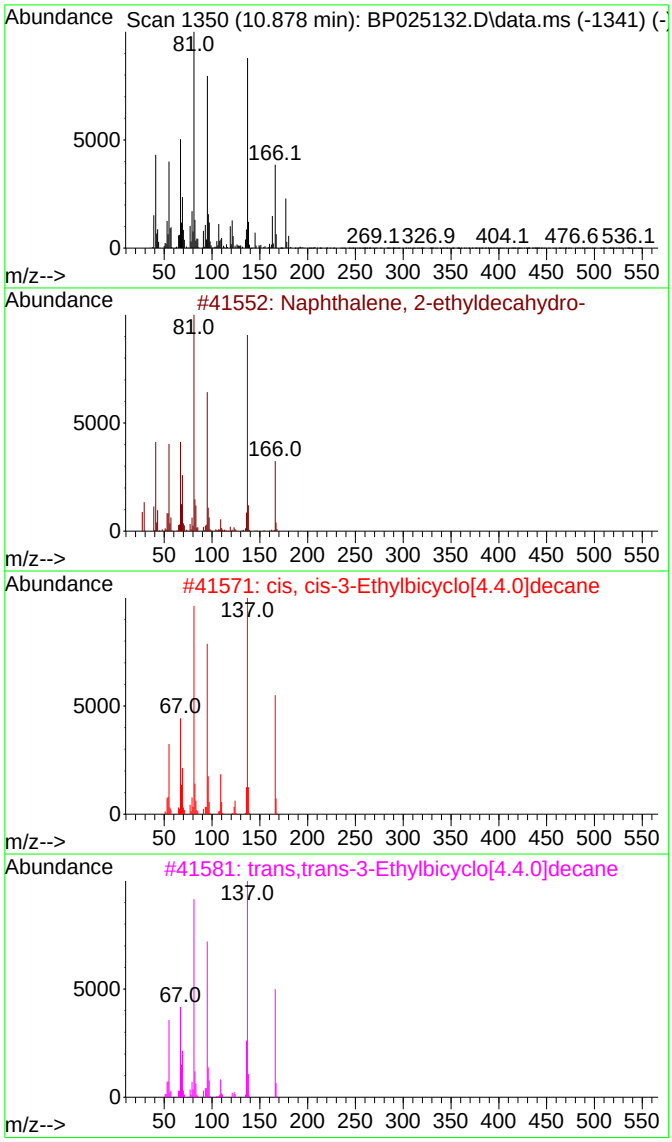
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

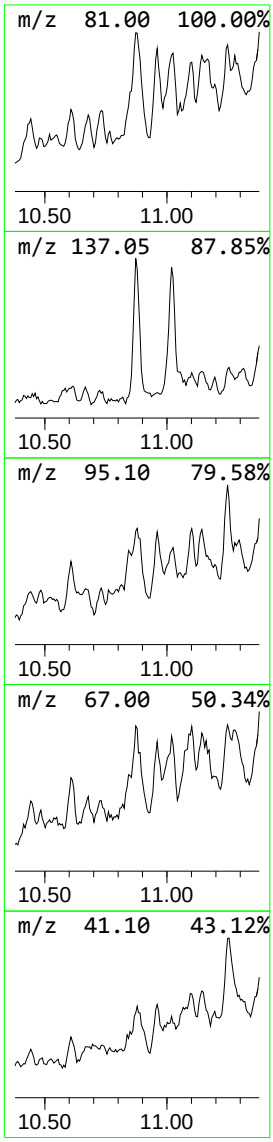
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Naphthalene, 2-ethyldecahydro- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.878 | 5.40 ng | 1264910 | Naphthalene-d8 | 10.184 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-ethyldecahydro- | 166 | C12H22 | 001618-23-1 | 93 |
| 2 | cis, cis-3-Ethylbicyclo[4.4.0]de... | 166 | C12H22 | 066660-42-2 | 91 |
| 3 | trans,trans-3-Ethylbicyclo[4.4.0... | 166 | C12H22 | 058462-32-1 | 90 |
| 4 | cis,trans-3-Ethylbicyclo[4.4.0]d... | 166 | C12H22 | 066660-41-1 | 87 |
| 5 | Trans, trans-2-ethylbicyclo[4.4.... | 166 | C12H22 | 066660-37-5 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025132.D
Acq On : 14 Jul 2025 23:18
Operator : CG/JU
Sample : Q2565-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MOO-25-0194-0195

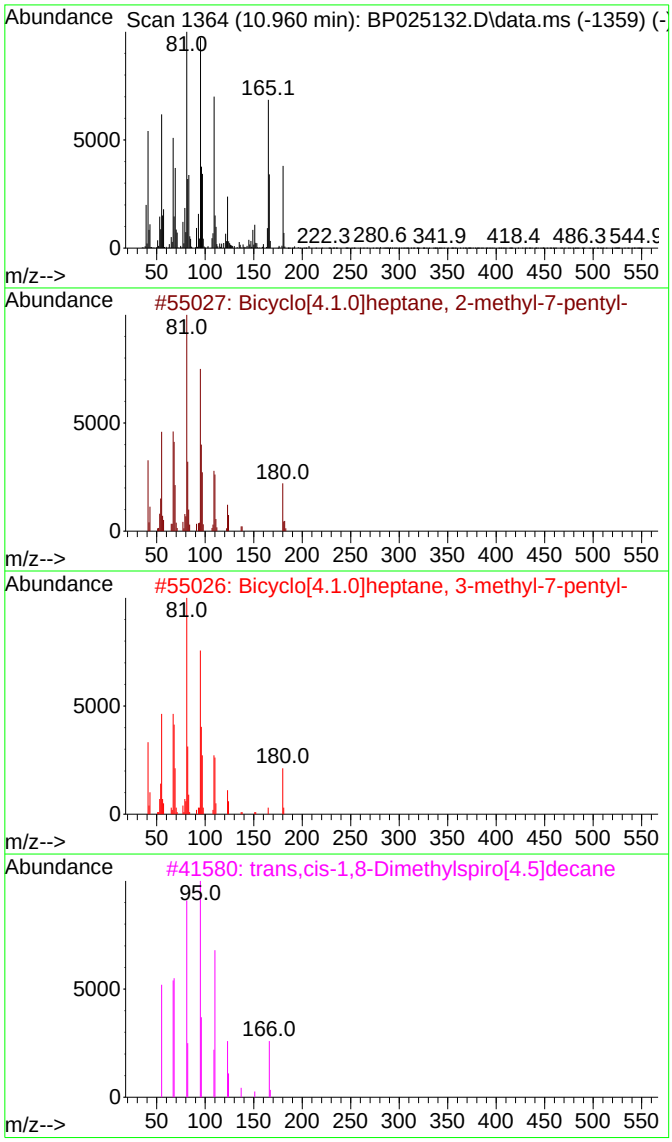
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

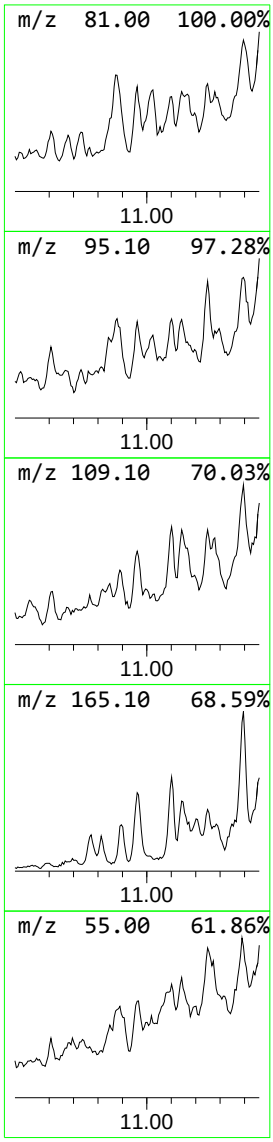
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Bicyclo[4.1.0]heptane, 2-me... Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.960 | 3.47 ng | 813929 | Naphthalene-d8 | 10.184 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Bicyclo[4.1.0]heptane, 2-methyl-... | 180 | C13H24 | 055937-92-3 | 76 |
| 2 | Bicyclo[4.1.0]heptane, 3-methyl-... | 180 | C13H24 | 041977-48-4 | 76 |
| 3 | trans,cis-1,8-Dimethylspiro[4.5]... | 166 | C12H22 | 1000111-72-9 | 58 |
| 4 | trans,trans-1,8-Dimethylspiro[4.... | 166 | C12H22 | 1000111-72-8 | 58 |
| 5 | Cycloundecene, 1-methyl- | 166 | C12H22 | 088828-82-4 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025132.D
Acq On : 14 Jul 2025 23:18
Operator : CG/JU
Sample : Q2565-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MOO-25-0194-0195

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

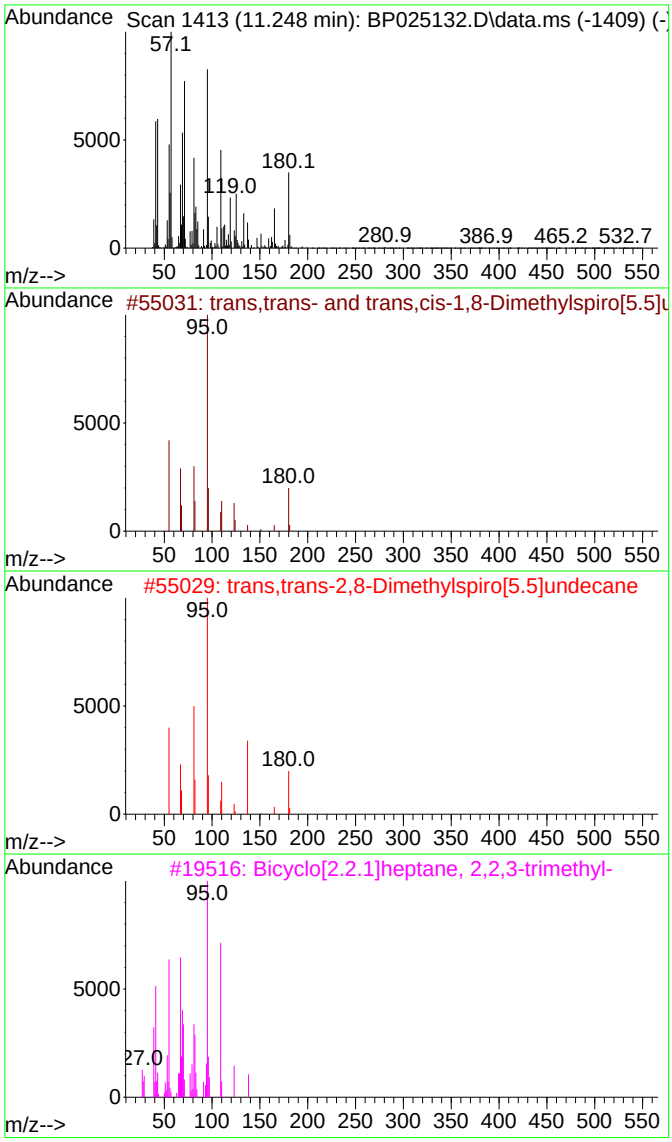
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

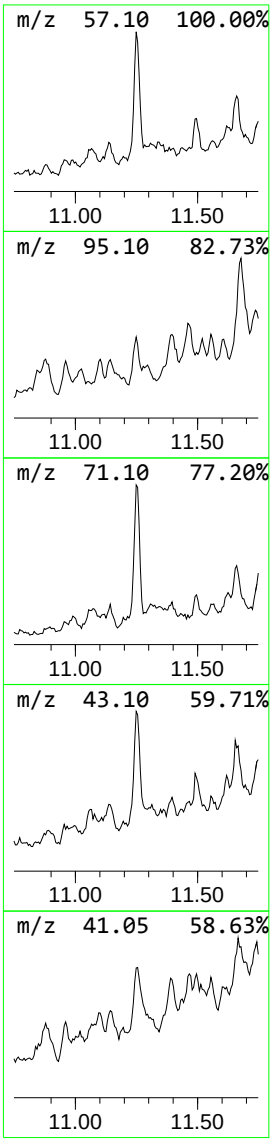
**********

Peak Number 5 unknown11.248 Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.248 | 7.03 ng | 1647160 | Naphthalene-d8 | 10.184 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | trans,trans- and trans,cis-1,8-D... | 180 | C13H24 | 1000111-73-2 | 38 |
| 2 | trans,trans-2,8-Dimethylspiro[5.... | 180 | C13H24 | 095530-76-0 | 38 |
| 3 | Bicyclo[2.2.1]heptane, 2,2,3-tri... | 138 | C10H18 | 000473-19-8 | 38 |
| 4 | cis,trans-1,7-Dimethylspiro[5.5]... | 180 | C13H24 | 1000111-73-1 | 38 |
| 5 | Cyclohexanol, 3,5-dimethyl- | 128 | C8H16O | 005441-52-1 | 27 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025132.D
Acq On : 14 Jul 2025 23:18
Operator : CG/JU
Sample : Q2565-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MOO-25-0194-0195

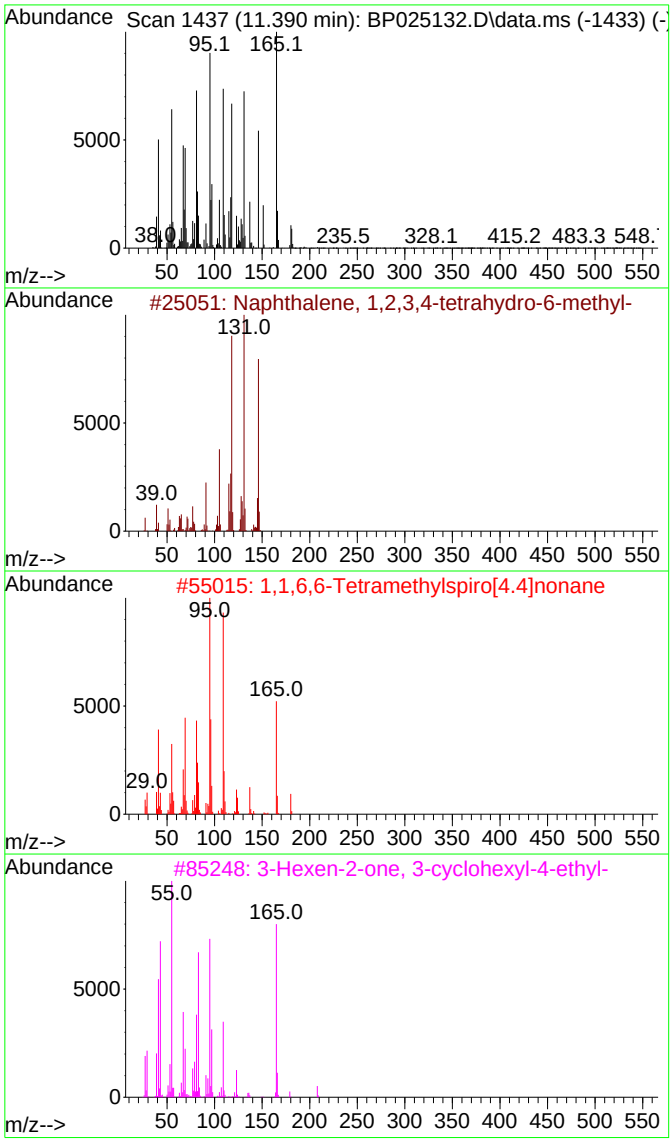
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

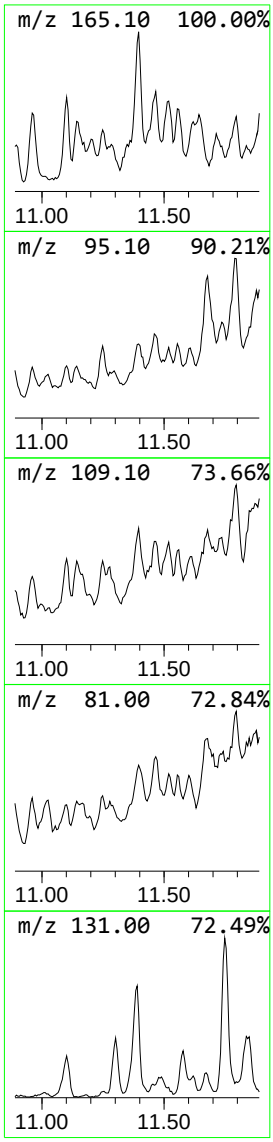
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.390 | 3.62 ng | 848697 | Naphthalene-d8 | 10.184 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001680-51-9 | 64 |
| 2 | 1,1,6,6-Tetramethylspiro[4.4]nonane | 180 | C13H24 | 074054-92-5 | 45 |
| 3 | 3-Hexen-2-one, 3-cyclohexyl-4-et... | 208 | C14H24O | 1000150-19-1 | 35 |
| 4 | Bicyclo[2.2.1]heptane, 2,2,3-tri... | 138 | C10H18 | 020536-41-8 | 25 |
| 5 | Bicyclo[2.2.1]heptane, 2-hexyl- | 180 | C13H24 | 061141-60-4 | 25 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025132.D
Acq On : 14 Jul 2025 23:18
Operator : CG/JU
Sample : Q2565-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MOO-25-0194-0195

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

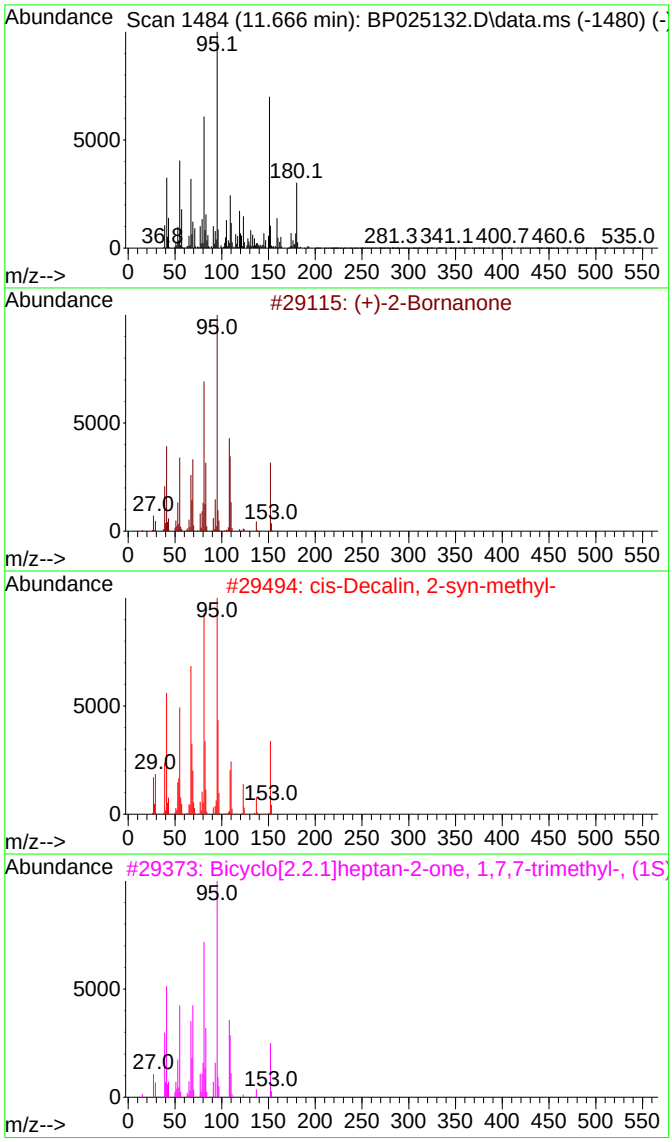
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

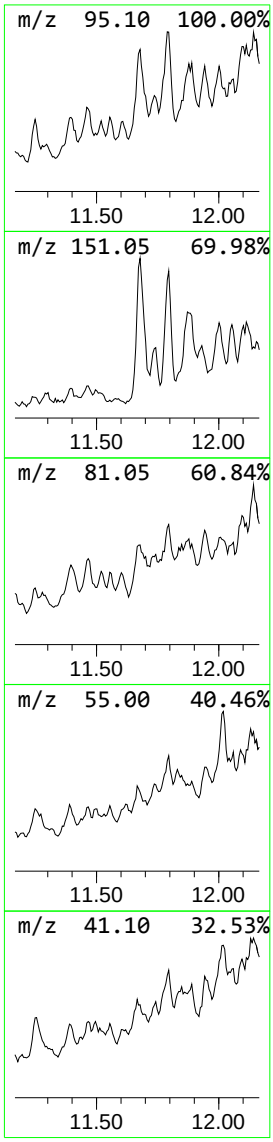
**********

Peak Number 7 unknown11.666 Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.666 | 6.80 ng | 1592700 | Naphthalene-d8 | 10.184 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | (+)-2-Bornanone | 152 | C10H16O | 000464-49-3 | 49 |
| 2 | cis-Decalin, 2-syn-methyl- | 152 | C11H20 | 1000155-85-6 | 49 |
| 3 | Bicyclo[2.2.1]heptan-2-one, 1,7,... | 152 | C10H16O | 000464-48-2 | 47 |
| 4 | 1-(1-Propynyl)cyclohexanol | 138 | C9H14O | 000697-37-0 | 43 |
| 5 | 4-(1H-Imidazol-2-yl)piperidine | 151 | C8H13N3 | 1000459-68-4 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025132.D
Acq On : 14 Jul 2025 23:18
Operator : CG/JU
Sample : Q2565-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MOO-25-0194-0195

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

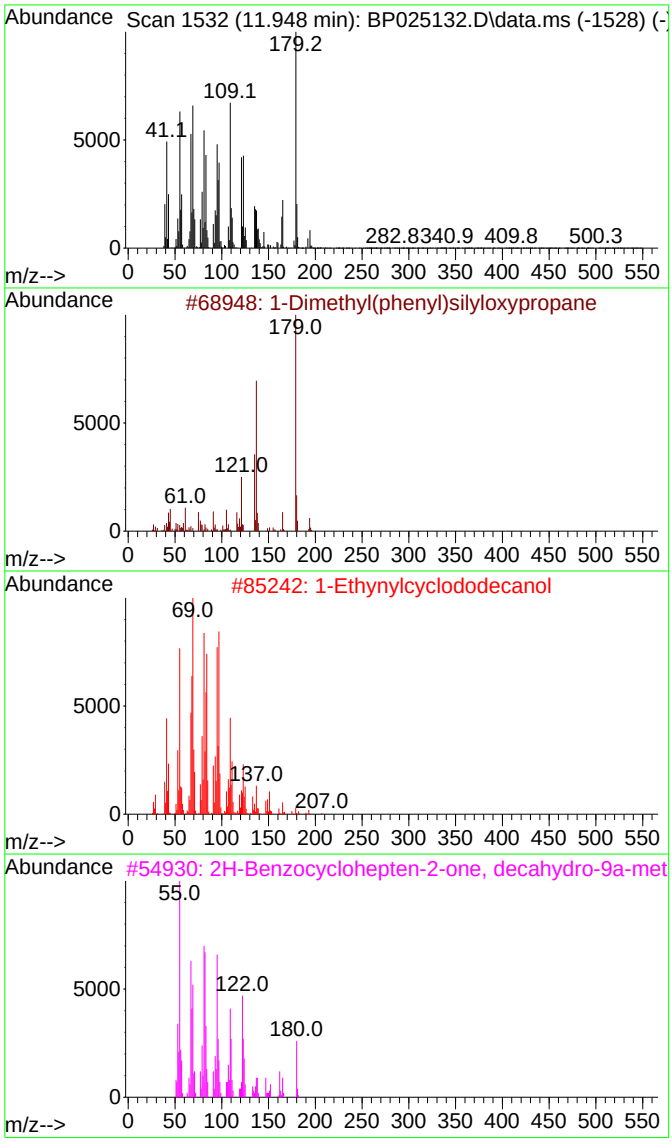
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

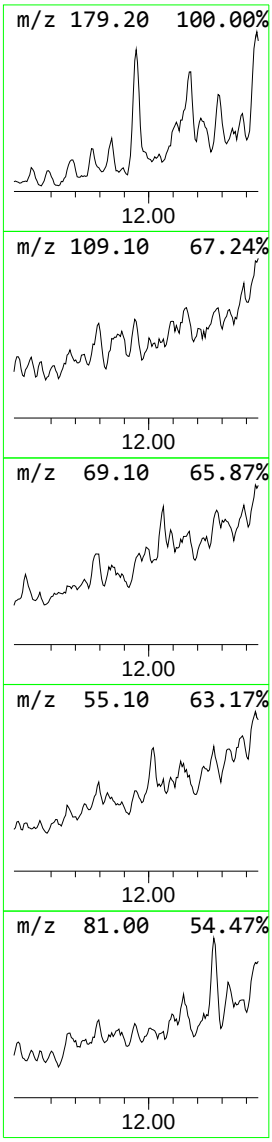
**********

Peak Number 8 unknown11.948 Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.948 | 4.65 ng | 1089430 | Naphthalene-d8 | 10.184 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Dimethyl(phenyl)silyloxypropane | 194 | C11H18OSi | 013360-21-9 | 22 |
| 2 | 1-Ethynylcyclododecanol | 208 | C14H24O | 1000484-40-4 | 22 |
| 3 | 2H-Benzocyclohepten-2-one, decah... | 180 | C12H20O | 055103-67-8 | 14 |
| 4 | (2,4-Dimethylcyclohexyl)methyl a... | 184 | C11H20O2 | 1000497-97-0 | 14 |
| 5 | Benzoic Acid, TMS derivative | 194 | C10H14O2Si | 002078-12-8 | 11 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025132.D
Acq On : 14 Jul 2025 23:18
Operator : CG/JU
Sample : Q2565-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MOO-25-0194-0195

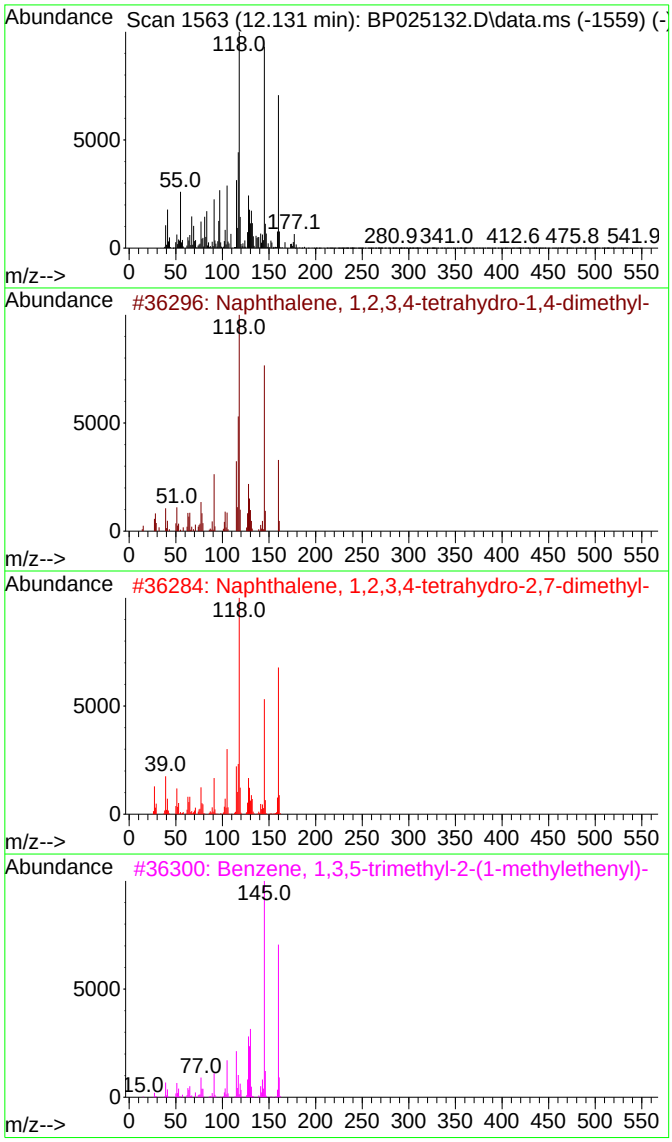
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

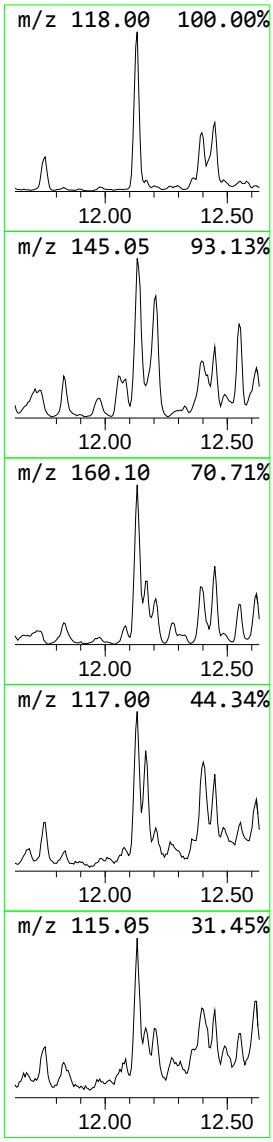
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.131 | 13.61 ng | 3190000 | Naphthalene-d8 | 10.184 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 004175-54-6 | 95 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 013065-07-1 | 95 |
| 3 | Benzene, 1,3,5-trimethyl-2-(1-me... | 160 | C12H16 | 014679-13-1 | 64 |
| 4 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 001076-61-5 | 60 |
| 5 | Benzene, 1-(1-methylethenyl)-3-(... | 160 | C12H16 | 001129-29-9 | 60 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025132.D
Acq On : 14 Jul 2025 23:18
Operator : CG/JU
Sample : Q2565-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MOO-25-0194-0195

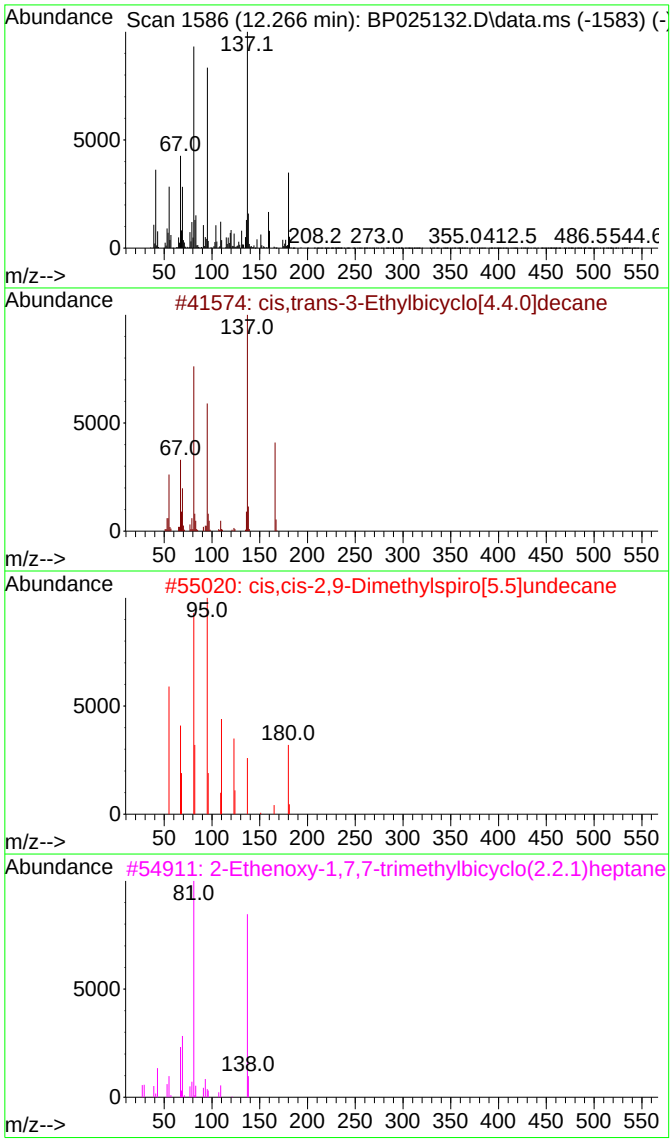
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

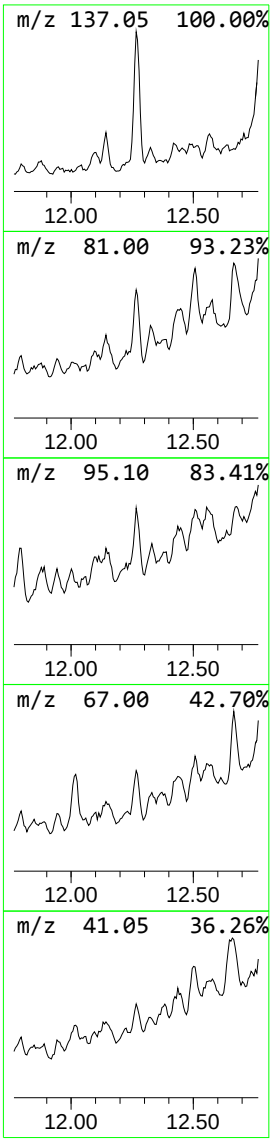
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 cis,trans-3-Ethylbicyclo[4.... Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.266 | 2.71 ng | 1511630 | Acenaphthene-d10 | 14.095 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | cis,trans-3-Ethylbicyclo[4.4.0]d... | 166 | C12H22 | 066660-41-1 | 72 |
| 2 | cis,cis-2,9-Dimethylspiro[5.5]un... | 180 | C13H24 | 095472-51-8 | 53 |
| 3 | 2-Ethenoxy-1,7,7-trimethylbicycl... | 180 | C12H20O | 1000432-15-0 | 43 |
| 4 | 4,6-Heptadien-2-one, 3,6-dimethy... | 180 | C12H20O | 077822-50-5 | 43 |
| 5 | trans,cis-2,8-Dimethylspiro[5.5]... | 180 | C13H24 | 095472-52-9 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025132.D
Acq On : 14 Jul 2025 23:18
Operator : CG/JU
Sample : Q2565-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MOO-25-0194-0195

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

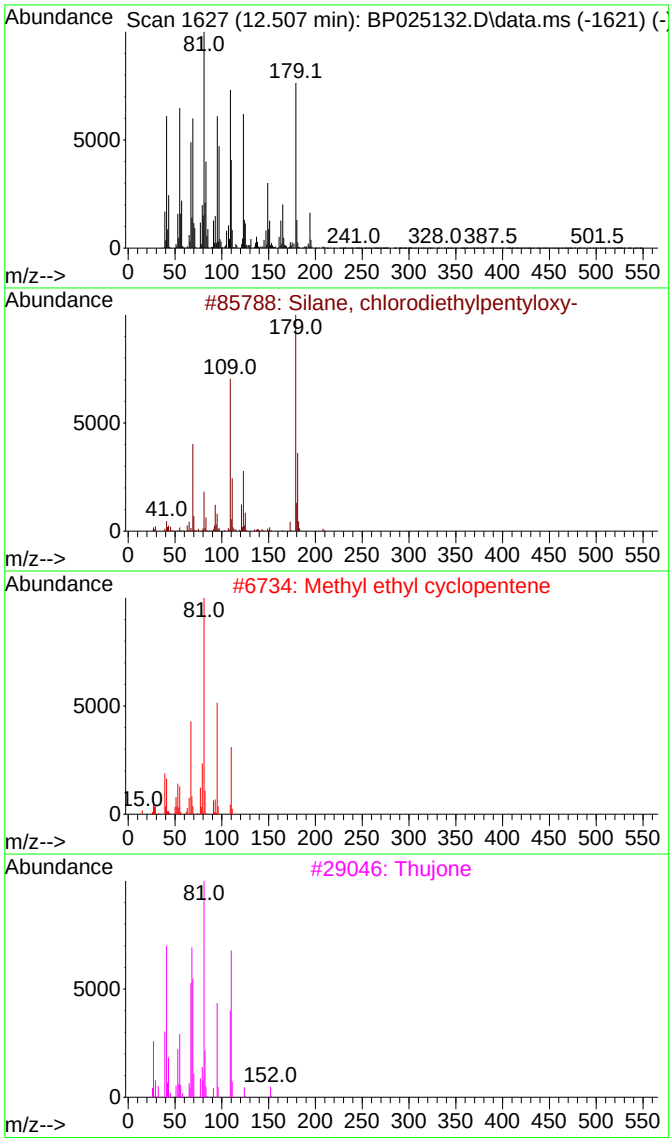
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

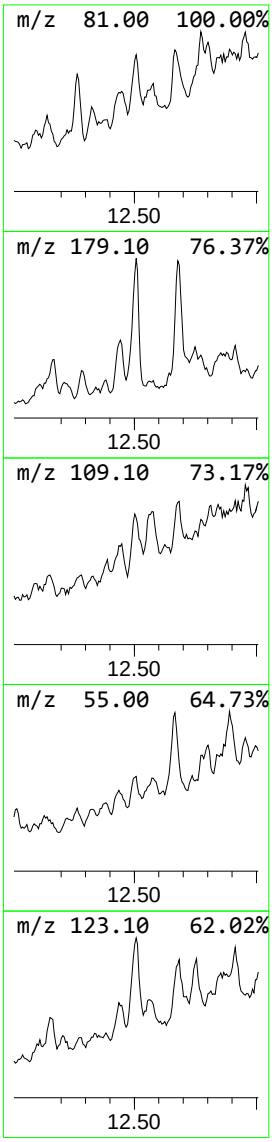
**********

Peak Number 11 unknown12.507 Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.507 | 6.86 ng | 3830200 | Acenaphthene-d10 | 14.095 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Silane, chlorodiethylpentyloxy- | 208 | C9H21ClOSi | 1000363-04-4 | 30 |
| 2 | Methyl ethyl cyclopentene | 110 | C8H14 | 019780-56-4 | 25 |
| 3 | Thujone | 152 | C10H16O | 000546-80-5 | 22 |
| 4 | Cyclopropane, 1,1-dimethyl-2-(2-... | 124 | C9H16 | 069147-03-1 | 22 |
| 5 | 2,3-DI-T-BUTYLCYCLOPROP-2-ENONE | 166 | C11H18O | 019985-79-6 | 18 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025132.D
Acq On : 14 Jul 2025 23:18
Operator : CG/JU
Sample : Q2565-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MOO-25-0194-0195

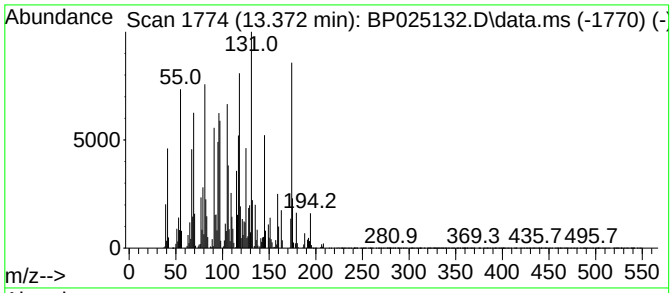
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

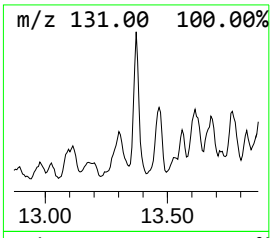
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

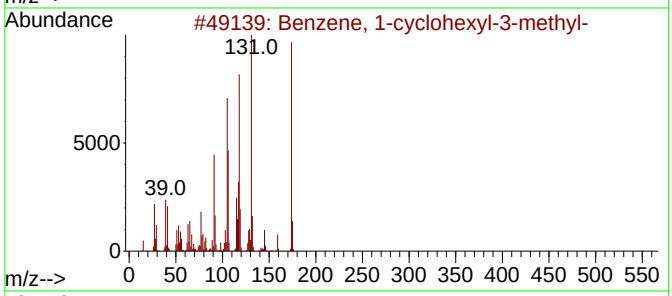
**********
Peak Number 12 Benzene, 1-cyclohexyl-3-met... Concentration Rank 6

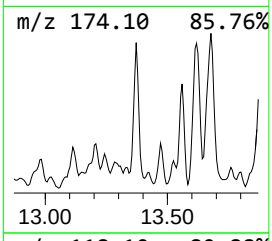
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.372 | 9.72 ng | 5424800 | Acenaphthene-d10 | 14.095 |

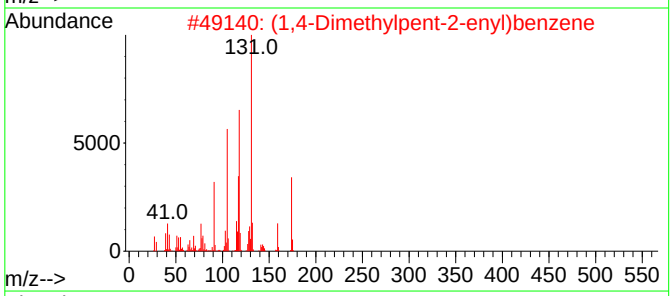
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-cyclohexyl-3-methyl- | 174 | C13H18 | 004575-46-6 | 55 |
| 2 | (1,4-Dimethylpent-2-enyl)benzene | 174 | C13H18 | 1000184-97-9 | 50 |
| 3 | Naphthalene, 1,2,3,4-tetrahydro-... | 174 | C13H18 | 042775-77-9 | 25 |
| 4 | trans-3'-Hydroxycotinine, chloro... | 304 | C12H11ClF2N2O3 | 1000448-24-4 | 22 |
| 5 | 2-Furancarboxylic acid, 3-phenyl... | 230 | C14H14O3 | 1000278-83-9 | 20 |

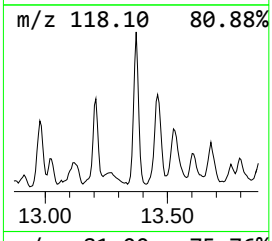


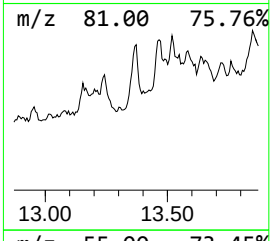



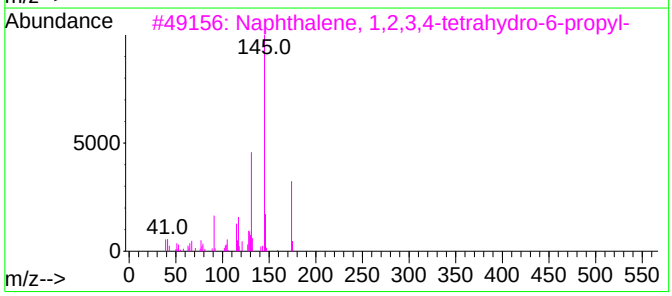



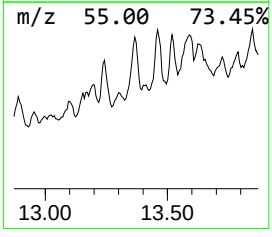



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025132.D
Acq On : 14 Jul 2025 23:18
Operator : CG/JU
Sample : Q2565-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MOO-25-0194-0195

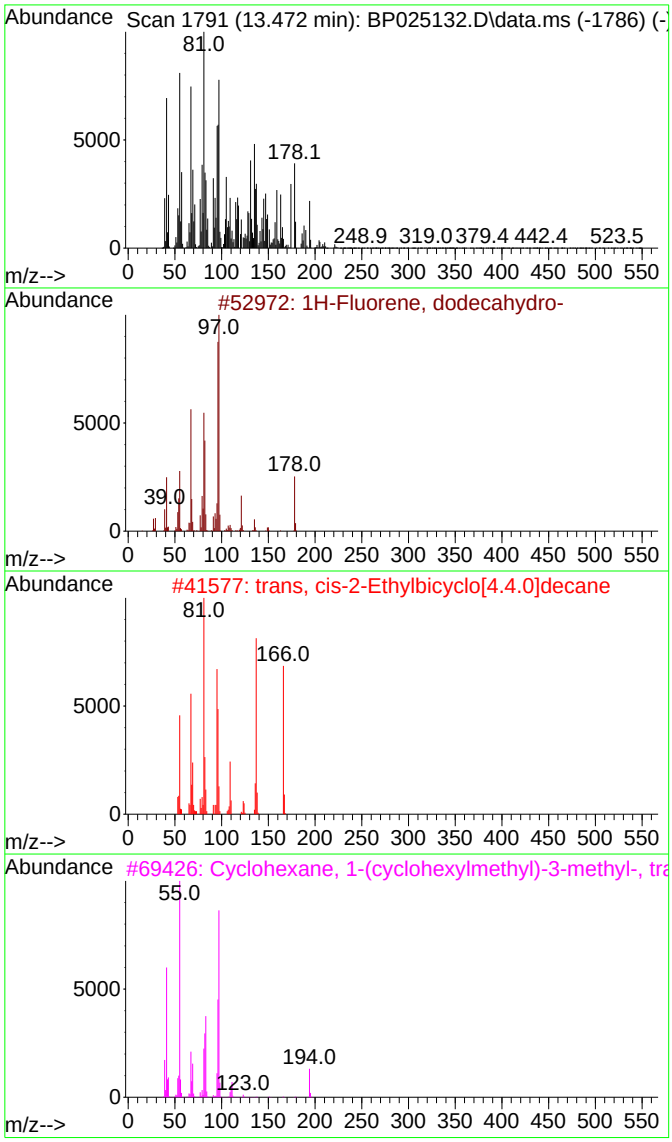
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

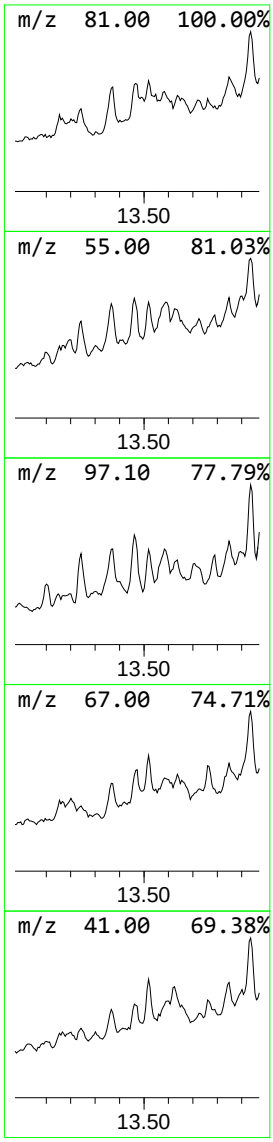
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 1H-Fluorene, dodecahydro- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.472 | 12.15 ng | 6783560 | Acenaphthene-d10 | 14.095 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Fluorene, dodecahydro- | 178 | C13H22 | 005744-03-6 | 55 |
| 2 | trans, cis-2-Ethylbicyclo[4.4.0]... | 166 | C12H22 | 066660-39-7 | 50 |
| 3 | Cyclohexane, 1-(cyclohexylmethyl... | 194 | C14H26 | 054823-95-9 | 47 |
| 4 | 13-Tetradece-11-yn-1-ol | 208 | C14H24O | 1000131-00-4 | 41 |
| 5 | 9-Borabicyclo[3.3.1]nonane, 9-(2... | 178 | C11H19BO | 1000162-57-7 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025132.D
Acq On : 14 Jul 2025 23:18
Operator : CG/JU
Sample : Q2565-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MOO-25-0194-0195

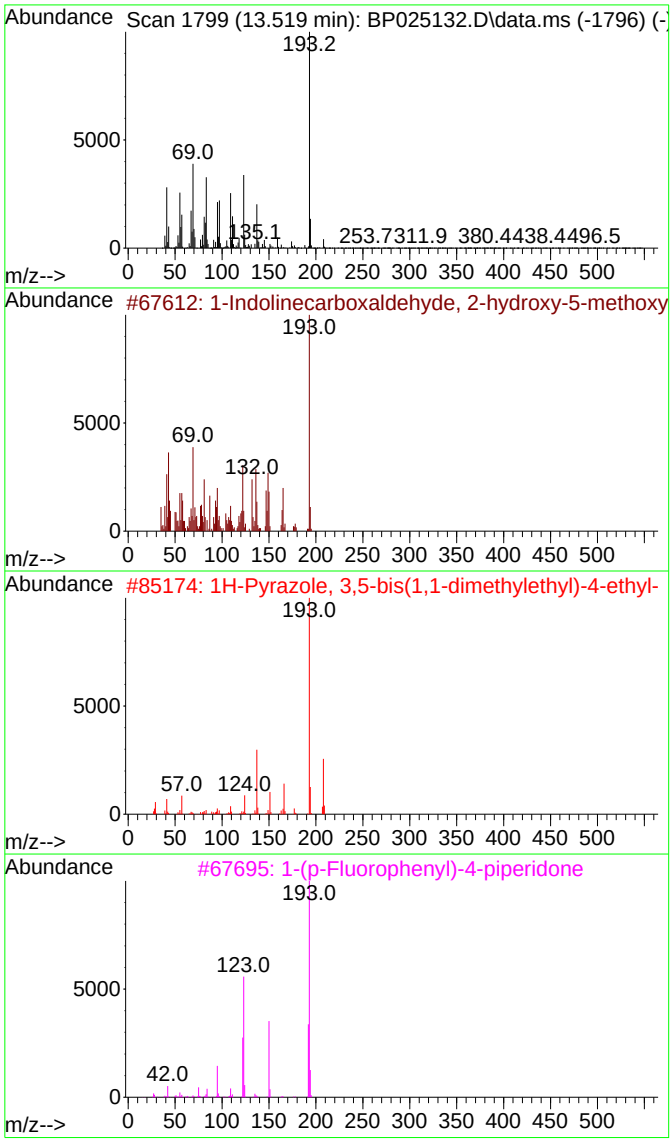
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

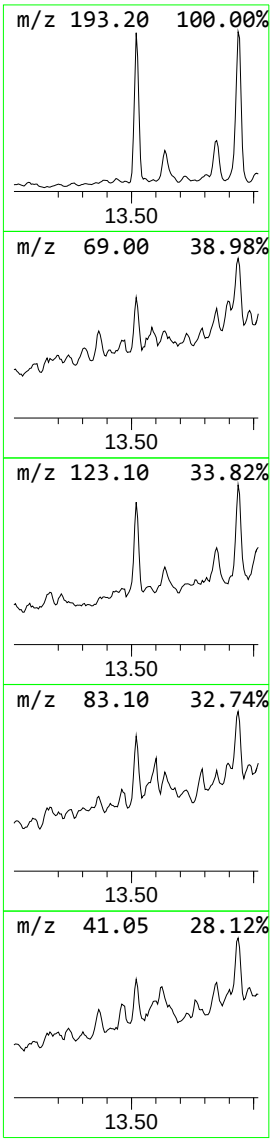
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 1-Indolinecarboxaldehyde, 2... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.519 | 11.79 ng | 6583590 | Acenaphthene-d10 | 14.095 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Indolinecarboxaldehyde, 2-hydr... | 193 | C10H11NO3 | 013303-70-3 | 50 |
| 2 | 1H-Pyrazole, 3,5-bis(1,1-dimethy... | 208 | C13H24N2 | 125281-21-2 | 38 |
| 3 | 1-(p-Fluorophenyl)-4-piperidone | 193 | C11H12FNO | 1000238-56-7 | 38 |
| 4 | 3,4-Diethoxy-N-(4,5,6,7-tetrahyd... | 346 | C18H22N2O3S | 1000311-37-1 | 38 |
| 5 | 2-Anthracenamine | 193 | C14H11N | 000613-13-8 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025132.D
Acq On : 14 Jul 2025 23:18
Operator : CG/JU
Sample : Q2565-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MOO-25-0194-0195

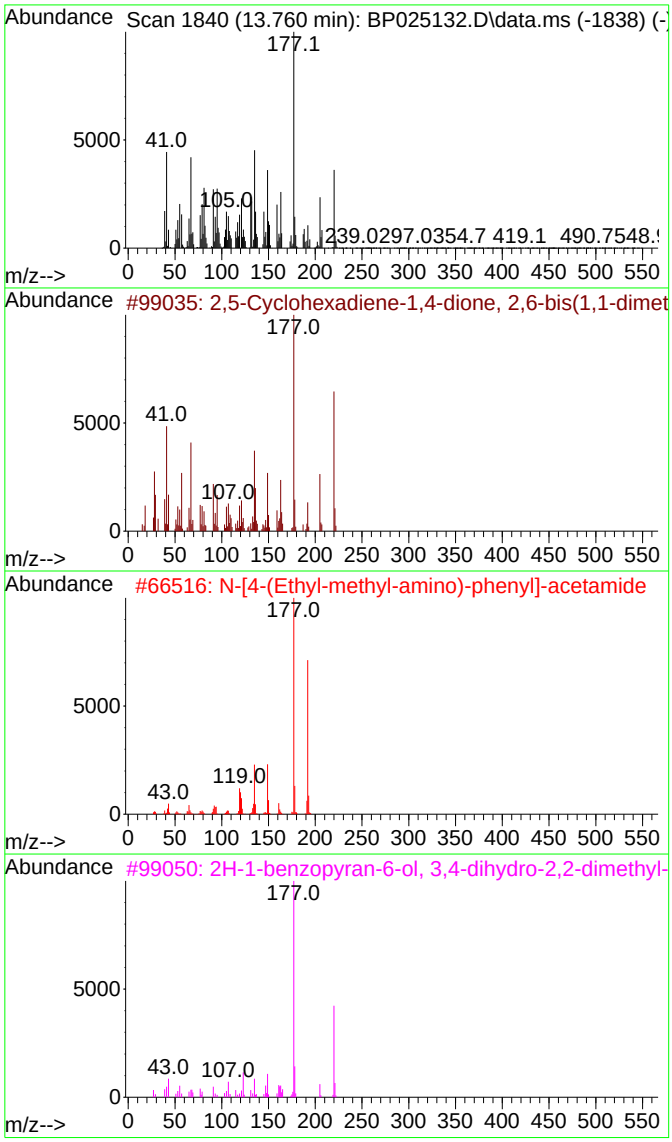
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

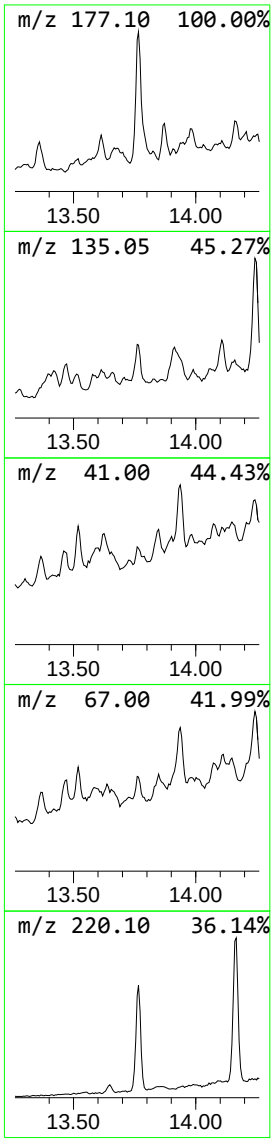
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 2,5-Cyclohexadiene-1,4-dion... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.760 | 7.73 ng | 4314860 | Acenaphthene-d10 | 14.095 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,5-Cyclohexadiene-1,4-dione, 2,... | 220 | C14H20O2 | 000719-22-2 | 93 |
| 2 | N-[4-(Ethyl-methyl-amino)-phenyl... | 192 | C11H16N2O | 099981-45-0 | 55 |
| 3 | 2H-1-benzopyran-6-ol, 3,4-dihydr... | 220 | C14H20O2 | 1000396-25-4 | 46 |
| 4 | Thiocoumarine, 4,4,6,7-tetramethyl- | 220 | C13H16OS | 1000128-90-2 | 45 |
| 5 | Thiazole, 2-amino-4-(pyridin-3-yl)- | 177 | C8H7N3S | 1000317-06-1 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025132.D
Acq On : 14 Jul 2025 23:18
Operator : CG/JU
Sample : Q2565-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MOO-25-0194-0195

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

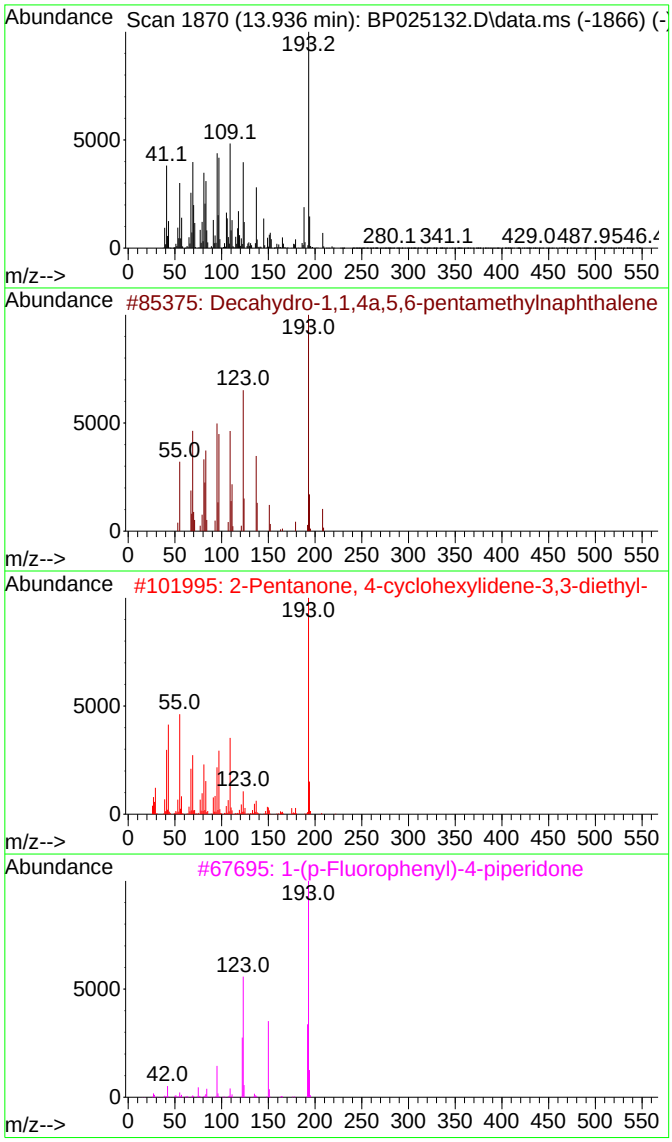
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

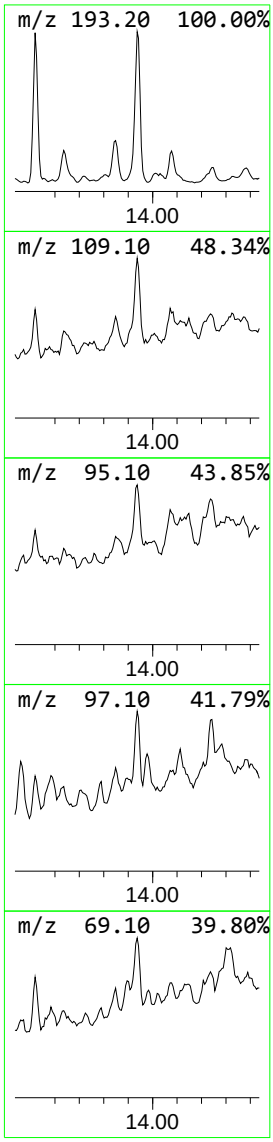
**********

Peak Number 16 unknown13.937 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.937 | 20.00 ng | 11163700 | Acenaphthene-d10 | 14.095 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decahydro-1,1,4a,5,6-pentamethyl... | 208 | C15H28 | 080655-44-3 | 46 |
| 2 | 2-Pentanone, 4-cyclohexylidene-3... | 222 | C15H26O | 313253-65-5 | 42 |
| 3 | 1-(p-Fluorophenyl)-4-piperidone | 193 | C11H12FNO | 1000238-56-7 | 38 |
| 4 | 1H-Indene, octahydro-2,2,4,4,7,7... | 208 | C15H28 | 054832-83-6 | 37 |
| 5 | 1-Anthracenamine | 193 | C14H11N | 000610-49-1 | 35 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025132.D
Acq On : 14 Jul 2025 23:18
Operator : CG/JU
Sample : Q2565-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MOO-25-0194-0195

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

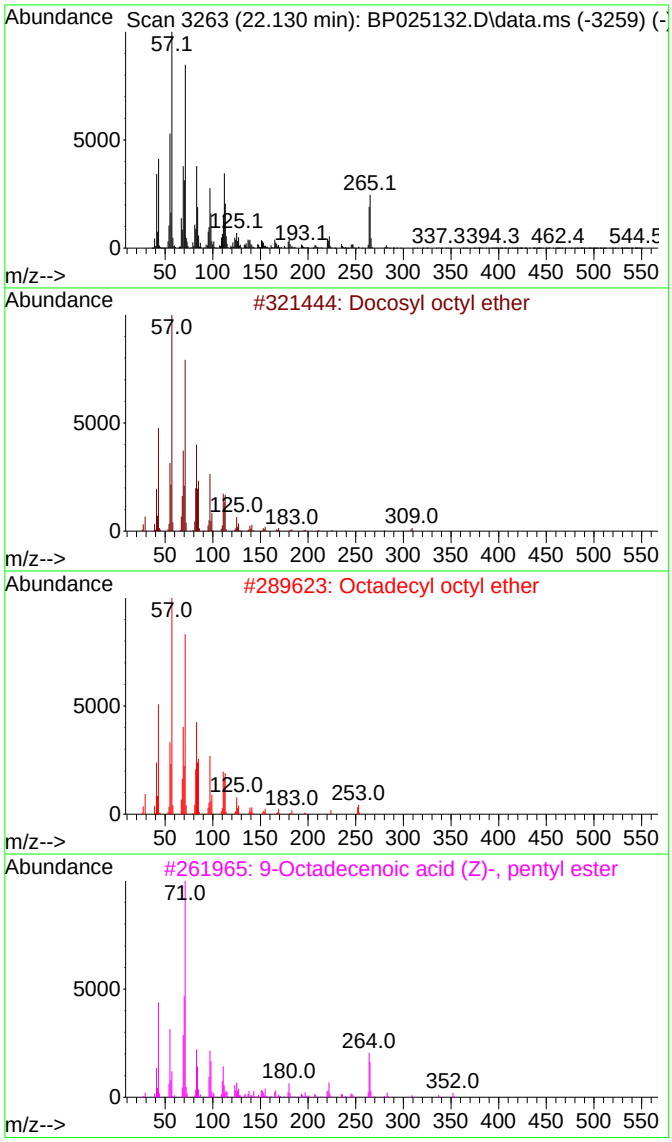
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

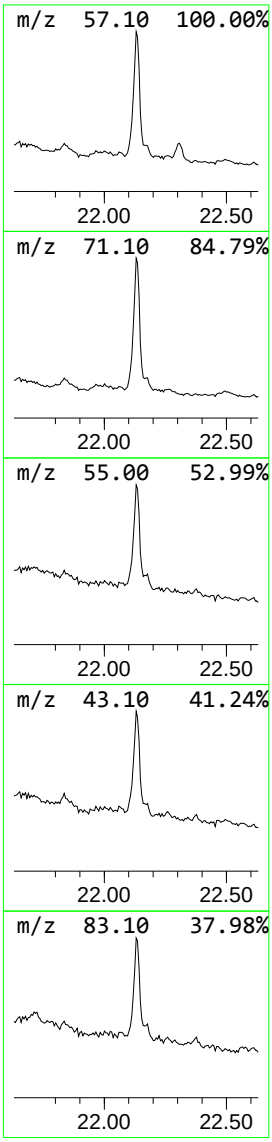
**********

Peak Number 17 Docosyl octyl ether Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.130 | 20.00 ng | 24083600 | Chrysene-d12 | 21.354 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Docosyl octyl ether | 438 | C30H62O | 1000406-38-9 | 52 |
| 2 | Octadecyl octyl ether | 382 | C26H54O | 1000406-38-7 | 49 |
| 3 | 9-Octadecenoic acid (Z)-, pentyl... | 352 | C23H44O2 | 000142-57-4 | 47 |
| 4 | Nonane, 2,3-dimethyl- | 156 | C11H24 | 002884-06-2 | 43 |
| 5 | Sulfurous acid, 2-ethylhexyl pen... | 264 | C13H28O3S | 1000309-18-9 | 38 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025132.D
Acq On : 14 Jul 2025 23:18
Operator : CG/JU
Sample : Q2565-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MOO-25-0194-0195

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| 2-Pentanone, 4-... | 4.660 | 4.4 | ng | 615108 | 1 | 7.443 | 2774710 | 20.0 |
| Naphthalene, de... | 9.984 | 2.3 | ng | 546748 | 2 | 10.184 | 4687420 | 20.0 |
| Naphthalene, 2-... | 10.878 | 5.4 | ng | 1264910 | 2 | 10.184 | 4687420 | 20.0 |
| Bicyclo[4.1.0]h... | 10.960 | 3.5 | ng | 813929 | 2 | 10.184 | 4687420 | 20.0 |
| unknown11.248 | 11.248 | 7.0 | ng | 1647160 | 2 | 10.184 | 4687420 | 20.0 |
| Naphthalene, 1,... | 11.390 | 3.6 | ng | 848697 | 2 | 10.184 | 4687420 | 20.0 |
| unknown11.666 | 11.666 | 6.8 | ng | 1592700 | 2 | 10.184 | 4687420 | 20.0 |
| unknown11.948 | 11.948 | 4.7 | ng | 1089430 | 2 | 10.184 | 4687420 | 20.0 |
| Naphthalene, 1,... | 12.131 | 13.6 | ng | 3190000 | 2 | 10.184 | 4687420 | 20.0 |
| cis,trans-3-Eth... | 12.266 | 2.7 | ng | 1511630 | 3 | 14.095 | 11163700 | 20.0 |
| unknown12.507 | 12.507 | 6.9 | ng | 3830200 | 3 | 14.095 | 11163700 | 20.0 |
| Benzene, 1-cycl... | 13.372 | 9.7 | ng | 5424800 | 3 | 14.095 | 11163700 | 20.0 |
| 1H-Fluorene, do... | 13.472 | 12.2 | ng | 6783560 | 3 | 14.095 | 11163700 | 20.0 |
| 1-Indolinecarbo... | 13.519 | 11.8 | ng | 6583590 | 3 | 14.095 | 11163700 | 20.0 |
| 2,5-Cyclohexadi... | 13.760 | 7.7 | ng | 4314860 | 3 | 14.095 | 11163700 | 20.0 |
| unknown13.937 | 13.937 | 20.0 | ng | 11163700 | 3 | 14.095 | 11163700 | 20.0 |
| Docosyl octyl e... | 22.130 | 20.0 | ng | 24083600 | 5 | 21.354 | 24083600 | 20.0 |