LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025549.D
Acq On : 22 Aug 2025 14:54
Operator : CG/JU
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-18A-081925

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-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025549.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.031 | 11 | 16 | 34 | rVB | 1962496 | 2455469 | 47.28% | 5.609% |
| 2 | 4.713 | 295 | 302 | 311 | rBV | 79153 | 137003 | 2.64% | 0.313% |
| 3 | 4.937 | 334 | 340 | 347 | rVB2 | 72040 | 104673 | 2.02% | 0.239% |
| 4 | 5.331 | 402 | 407 | 412 | rBV | 45740 | 60309 | 1.16% | 0.138% |
| 5 | 5.396 | 412 | 418 | 425 | rBV | 689304 | 1024213 | 19.72% | 2.339% |
| 6 | 5.461 | 425 | 429 | 432 | rBV | 32384 | 53698 | 1.03% | 0.123% |
| 7 | 5.825 | 479 | 491 | 498 | rBV3 | 61434 | 127121 | 2.45% | 0.290% |
| 8 | 6.960 | 675 | 684 | 691 | rBV2 | 414599 | 793773 | 15.29% | 1.813% |
| 9 | 7.437 | 752 | 765 | 775 | rBV2 | 141751 | 256543 | 4.94% | 0.586% |
| 10 | 7.778 | 816 | 823 | 829 | rBV | 551743 | 859324 | 16.55% | 1.963% |
| 11 | 7.896 | 838 | 843 | 850 | rVB3 | 39146 | 63814 | 1.23% | 0.146% |
| 12 | 8.149 | 881 | 886 | 892 | rBV2 | 69075 | 108200 | 2.08% | 0.247% |
| 13 | 8.307 | 908 | 913 | 919 | rBV | 76705 | 121278 | 2.34% | 0.277% |
| 14 | 8.919 | 1010 | 1017 | 1027 | rVB | 843881 | 1478197 | 28.47% | 3.376% |
| 15 | 9.007 | 1027 | 1032 | 1036 | rVV | 66585 | 97043 | 1.87% | 0.222% |
| 16 | 9.060 | 1036 | 1041 | 1047 | rVB | 65837 | 104382 | 2.01% | 0.238% |
| 17 | 9.966 | 1187 | 1195 | 1203 | rBV3 | 204442 | 406994 | 7.84% | 0.930% |
| 18 | 10.331 | 1251 | 1257 | 1263 | rBV | 48152 | 95252 | 1.83% | 0.218% |
| 19 | 10.548 | 1286 | 1294 | 1297 | rBV | 689886 | 1180963 | 22.74% | 2.698% |
| 20 | 10.596 | 1297 | 1302 | 1310 | rVB | 1794568 | 3025670 | 58.26% | 6.911% |
| 21 | 10.719 | 1317 | 1323 | 1331 | rVB | 61075 | 112841 | 2.17% | 0.258% |
| 22 | 11.343 | 1421 | 1429 | 1434 | rBV7 | 29393 | 93563 | 1.80% | 0.214% |
| 23 | 11.654 | 1475 | 1482 | 1489 | rVB10 | 21455 | 56394 | 1.09% | 0.129% |
| 24 | 12.201 | 1563 | 1575 | 1584 | rBV | 215694 | 406606 | 7.83% | 0.929% |
| 25 | 12.331 | 1590 | 1597 | 1603 | rVB4 | 31102 | 66792 | 1.29% | 0.153% |
| 26 | 12.425 | 1605 | 1613 | 1621 | rBV | 257496 | 452721 | 8.72% | 1.034% |
| 27 | 13.007 | 1701 | 1712 | 1718 | rVB | 2165084 | 3199112 | 61.60% | 7.307% |
| 28 | 13.219 | 1744 | 1748 | 1757 | rVB4 | 39944 | 74965 | 1.44% | 0.171% |
| 29 | 13.713 | 1824 | 1832 | 1838 | rBV4 | 44576 | 104483 | 2.01% | 0.239% |
| 30 | 14.389 | 1940 | 1947 | 1954 | rBV | 1061770 | 1573014 | 30.29% | 3.593% |
| 31 | 14.460 | 1954 | 1959 | 1964 | rVB | 109674 | 192482 | 3.71% | 0.440% |
| 32 | 14.525 | 1967 | 1970 | 1975 | rBV2 | 46632 | 71056 | 1.37% | 0.162% |
| 33 | 14.672 | 1991 | 1995 | 2004 | rVB9 | 31055 | 59142 | 1.14% | 0.135% |
| 34 | 14.801 | 2012 | 2017 | 2023 | rVB | 59875 | 107626 | 2.07% | 0.246% |
| 35 | 14.995 | 2048 | 2050 | 2063 | rVB | 30916 | 90117 | 1.74% | 0.206% |
| 36 | 15.354 | 2109 | 2111 | 2120 | rVB7 | 46116 | 73973 | 1.42% | 0.169% |

LSC Area Percent Report

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Operator : CG/JU
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-18A-081925

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-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 15.454 | 2124 | 2128 | 2134 | rVB2 | 94057 | 153460 | 2.96% | 0.351% |
| 38 | 15.766 | 2177 | 2181 | 2186 | rBV | 58775 | 90037 | 1.73% | 0.206% |
| 39 | 15.907 | 2199 | 2205 | 2213 | rVB | 1661823 | 2675971 | 51.53% | 6.112% |
| 40 | 16.266 | 2263 | 2266 | 2271 | rBV | 38595 | 67620 | 1.30% | 0.154% |
| 41 | 17.189 | 2417 | 2423 | 2428 | rBV2 | 1304580 | 1991328 | 38.35% | 4.549% |
| 42 | 17.230 | 2428 | 2430 | 2434 | rVB | 85328 | 98073 | 1.89% | 0.224% |
| 43 | 17.389 | 2454 | 2457 | 2462 | rVB2 | 91547 | 113815 | 2.19% | 0.260% |
| 44 | 17.601 | 2489 | 2493 | 2499 | rVB | 186798 | 284384 | 5.48% | 0.650% |
| 45 | 18.130 | 2579 | 2583 | 2593 | rBV2 | 413632 | 672289 | 12.95% | 1.536% |
| 46 | 19.336 | 2784 | 2788 | 2799 | rVB2 | 253982 | 457276 | 8.81% | 1.044% |
| 47 | 19.454 | 2805 | 2808 | 2815 | rVB3 | 178195 | 270798 | 5.21% | 0.619% |
| 48 | 19.719 | 2849 | 2853 | 2862 | rVB | 730786 | 898607 | 17.30% | 2.053% |
| 49 | 19.907 | 2880 | 2885 | 2891 | rBV | 4324146 | 5192968 | 100.00% | 11.862% |
| 50 | 20.277 | 2945 | 2948 | 2951 | rBV2 | 141669 | 169689 | 3.27% | 0.388% |
| 51 | 20.307 | 2951 | 2953 | 2960 | rVB3 | 127382 | 169268 | 3.26% | 0.387% |
| 52 | 20.566 | 2995 | 2997 | 3006 | rVB8 | 170385 | 263150 | 5.07% | 0.601% |
| 53 | 20.689 | 3015 | 3018 | 3024 | rVB5 | 169390 | 210980 | 4.06% | 0.482% |
| 54 | 20.766 | 3028 | 3031 | 3038 | rBV3 | 234827 | 402200 | 7.75% | 0.919% |
| 55 | 21.071 | 3078 | 3083 | 3088 | rBV3 | 349500 | 702553 | 13.53% | 1.605% |
| 56 | 21.118 | 3088 | 3091 | 3099 | rVB5 | 229571 | 356443 | 6.86% | 0.814% |
| 57 | 21.266 | 3111 | 3116 | 3137 | rVB | 2279439 | 4065602 | 78.29% | 9.286% |
| 58 | 21.648 | 3175 | 3181 | 3189 | rVB | 1425469 | 2291638 | 44.13% | 5.234% |
| 59 | 21.736 | 3192 | 3196 | 3202 | rVV | 257490 | 446293 | 8.59% | 1.019% |
| 60 | 25.007 | 3745 | 3752 | 3764 | rVB | 911560 | 2446503 | 47.11% | 5.588% |

Sum of corrected areas: 43779751

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
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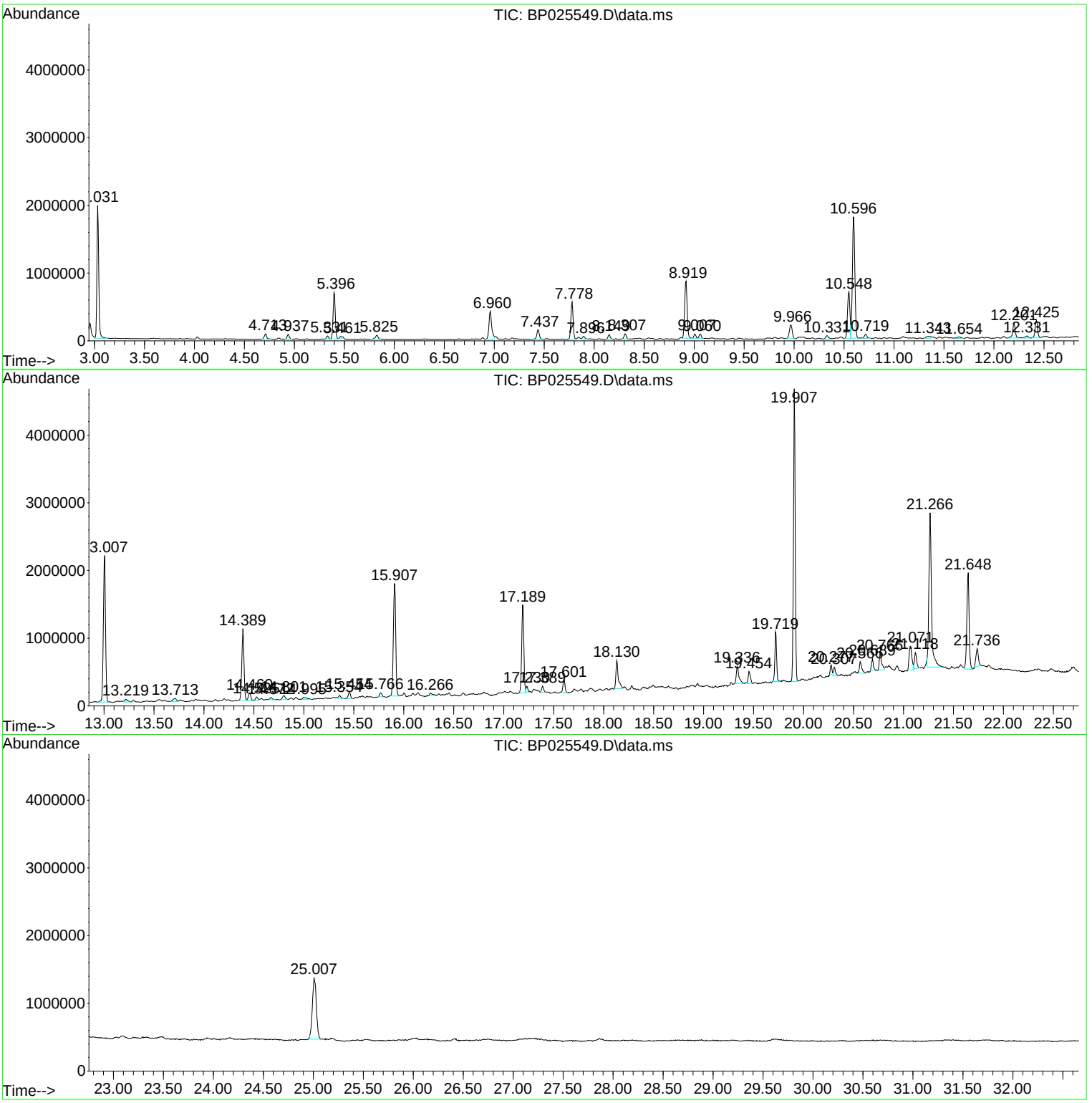
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-18A-081925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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\BP082225\
Data File : BP025549.D
Acq On : 22 Aug 2025 14:54
Operator : CG/JU
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-18A-081925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

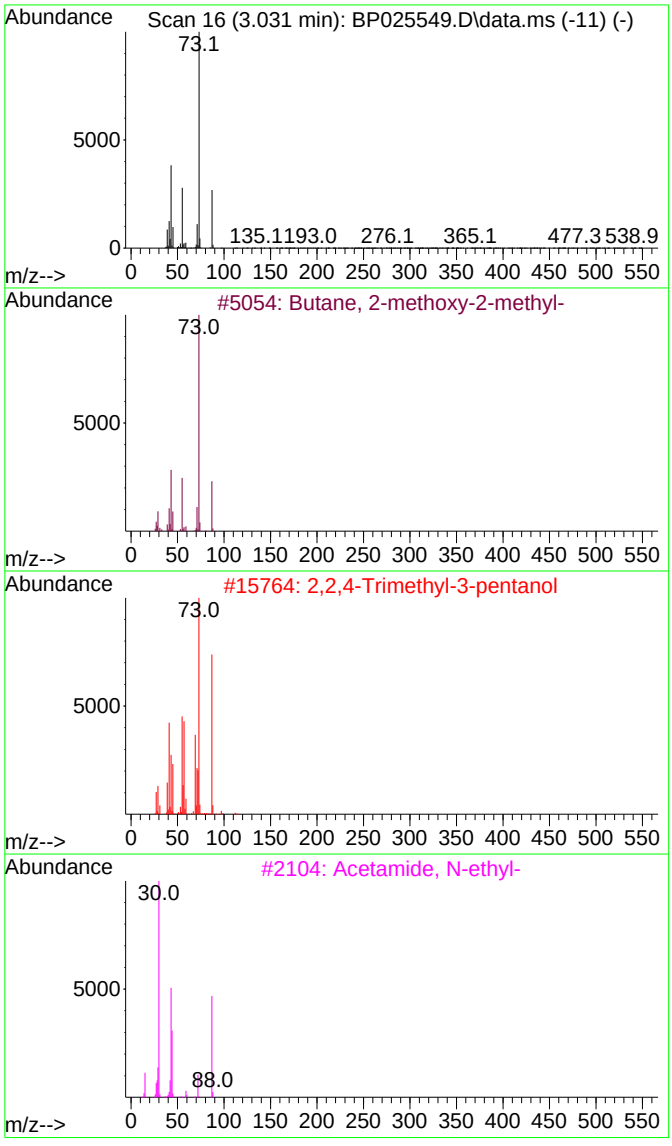
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

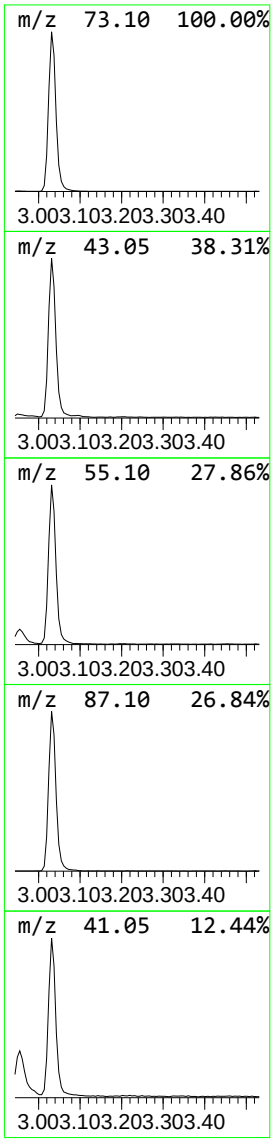
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.031 | 57.15 ng | 2455470 | 1,4-Dichlorobenzene-d4 | 7.778 |

| 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 | Acetamide, N-ethyl- | 87 | C4H9NO | 000625-50-3 | 27 |
| 4 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 25 |
| 5 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 12 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025549.D
Acq On : 22 Aug 2025 14:54
Operator : CG/JU
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-18A-081925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

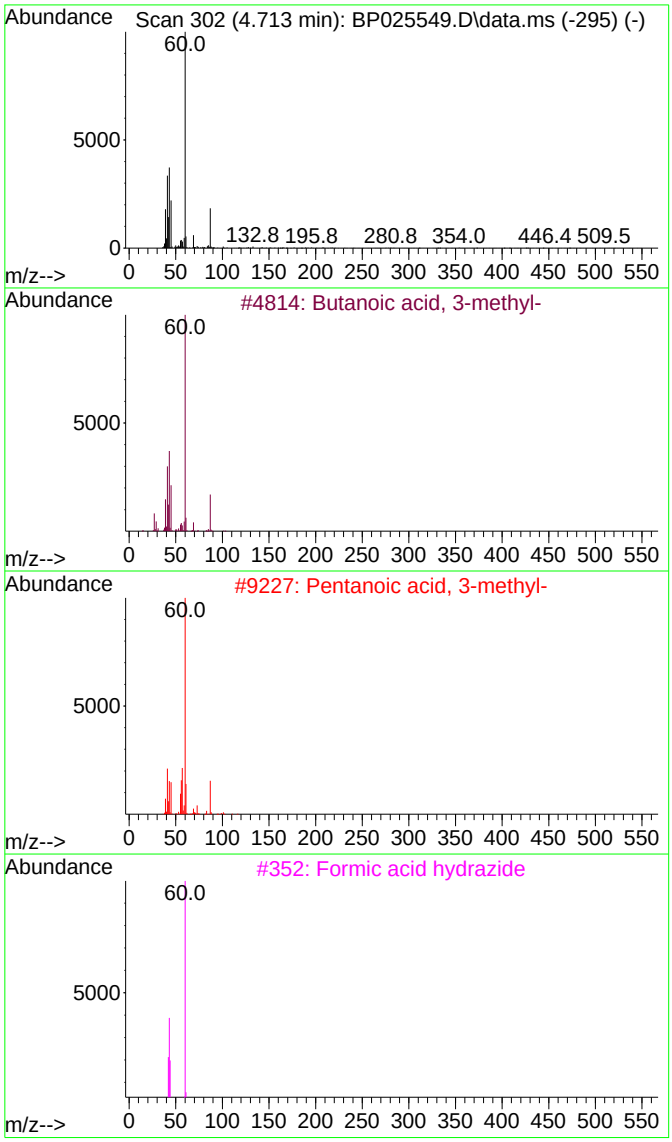
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

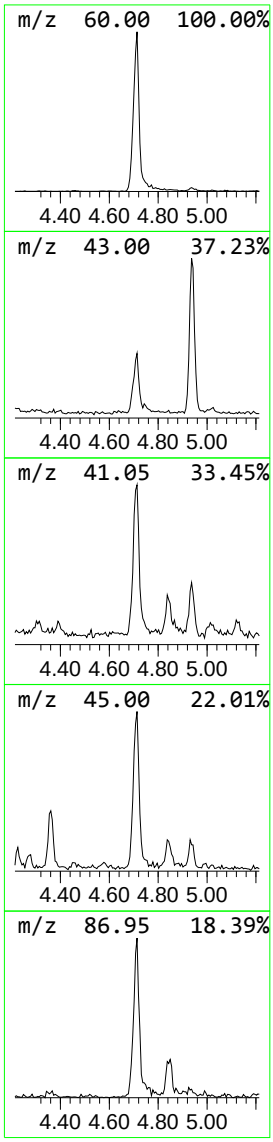
**********

Peak Number 2 Butanoic acid, 3-methyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.713 | 3.19 ng | 137003 | 1,4-Dichlorobenzene-d4 | 7.778 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butanoic acid, 3-methyl- | 102 | C5H10O2 | 000503-74-2 | 90 |
| 2 | Pentanoic acid, 3-methyl- | 116 | C6H12O2 | 000105-43-1 | 56 |
| 3 | Formic acid hydrazide | 60 | CH4N2O | 000624-84-0 | 50 |
| 4 | Octanoic acid | 144 | C8H16O2 | 000124-07-2 | 40 |
| 5 | N-Carbomethoxy-N-methoxymethylamine | 119 | C4H9NO3 | 153654-07-0 | 39 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025549.D
Acq On : 22 Aug 2025 14:54
Operator : CG/JU
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-18A-081925

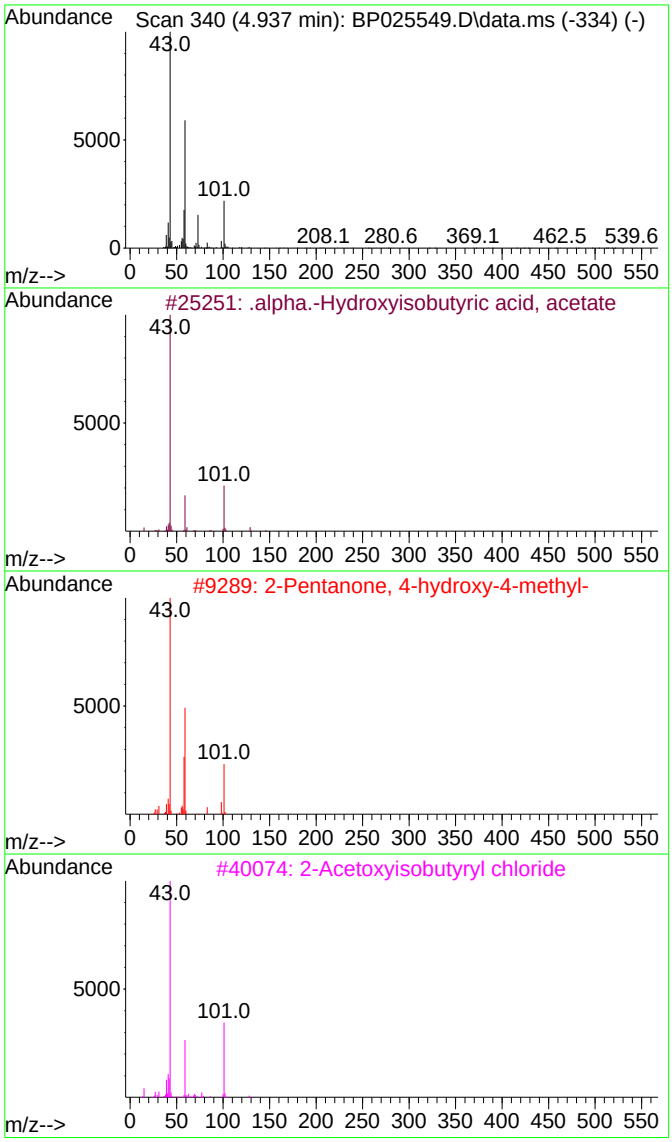
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

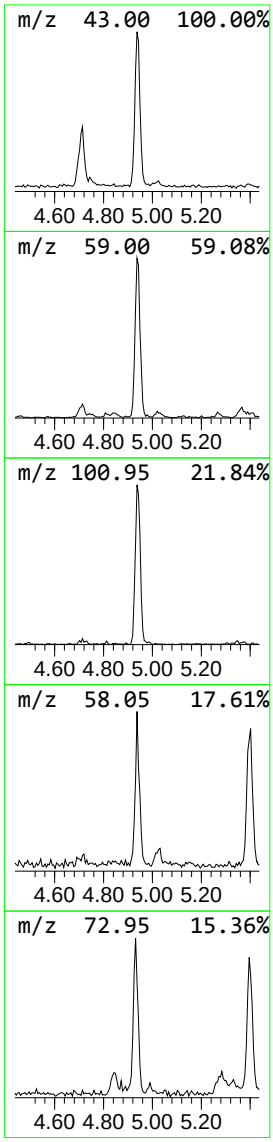
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 .alpha.-Hydroxyisobutyric a... Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.937 | 2.44 ng | 104673 | 1,4-Dichlorobenzene-d4 | 7.778 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | .alpha.-Hydroxyisobutyric acid, ... | 146 | C6H10O4 | 1000374-31-3 | 53 |
| 2 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 45 |
| 3 | 2-Acetoxyisobutyryl chloride | 164 | C6H9ClO3 | 040635-66-3 | 42 |
| 4 | Hydrazine, 1,1-bis(1-methylethyl)- | 116 | C6H16N2 | 000921-14-2 | 33 |
| 5 | 2-Propanone, 1-(1-methylethoxy)- | 116 | C6H12O2 | 042781-12-4 | 27 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025549.D
Acq On : 22 Aug 2025 14:54
Operator : CG/JU
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-18A-081925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

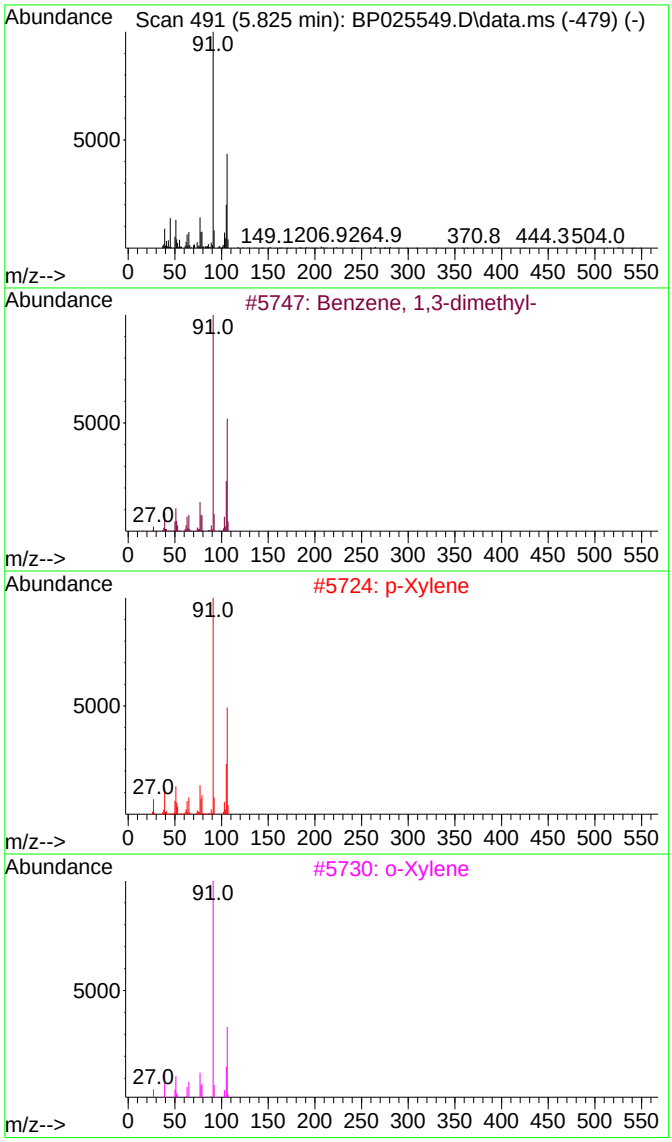
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

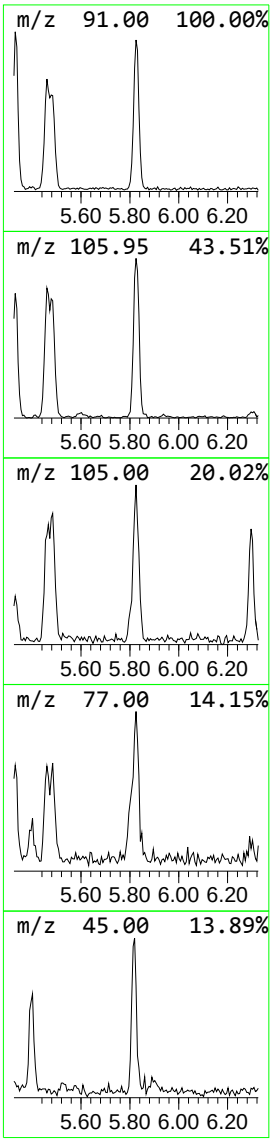
**********

Peak Number 4 Benzene, 1,3-dimethyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.825 | 2.96 ng | 127121 | 1,4-Dichlorobenzene-d4 | 7.778 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 94 |
| 2 | p-Xylene | 106 | C8H10 | 000106-42-3 | 94 |
| 3 | o-Xylene | 106 | C8H10 | 000095-47-6 | 93 |
| 4 | 1,3-Cyclopentadiene, 5-(1-methyl... | 106 | C8H10 | 002175-91-9 | 80 |
| 5 | Ethylbenzene | 106 | C8H10 | 000100-41-4 | 76 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025549.D
Acq On : 22 Aug 2025 14:54
Operator : CG/JU
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-18A-081925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

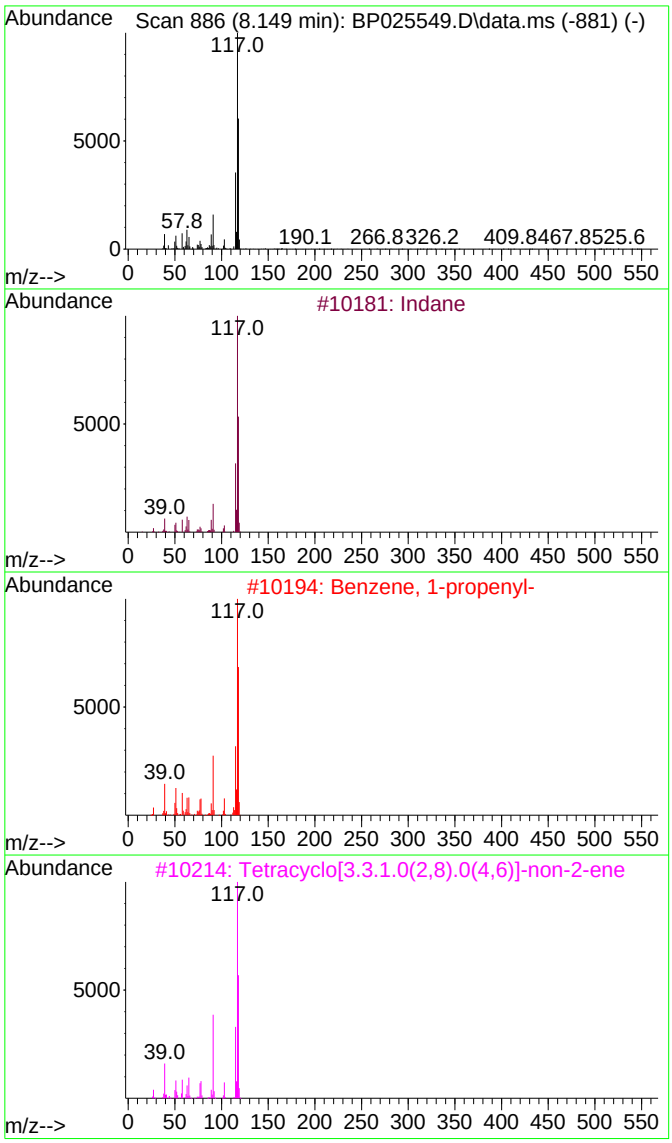
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

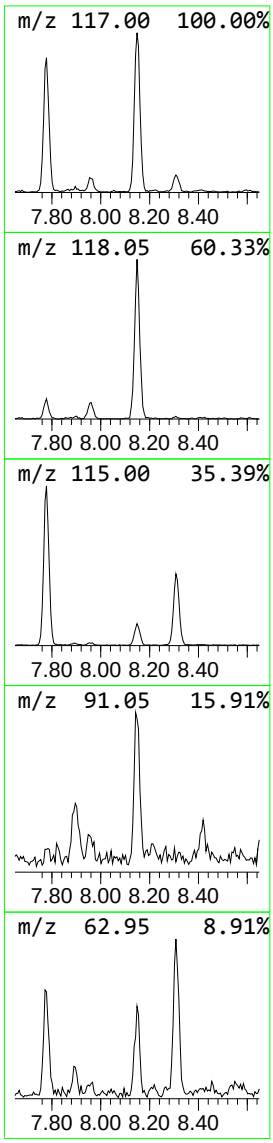
**********

Peak Number 6 Benzene, 1-propenyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.149 | 2.52 ng | 108200 | 1,4-Dichlorobenzene-d4 | 7.778 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 93 |
| 2 | Benzene, 1-propenyl- | 118 | C9H10 | 000637-50-3 | 81 |
| 3 | Tetracyclo[3.3.1.0(2,8).0(4,6)]-... | 118 | C9H10 | 1000191-13-7 | 72 |
| 4 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 68 |
| 5 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 60 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025549.D
Acq On : 22 Aug 2025 14:54
Operator : CG/JU
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-18A-081925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

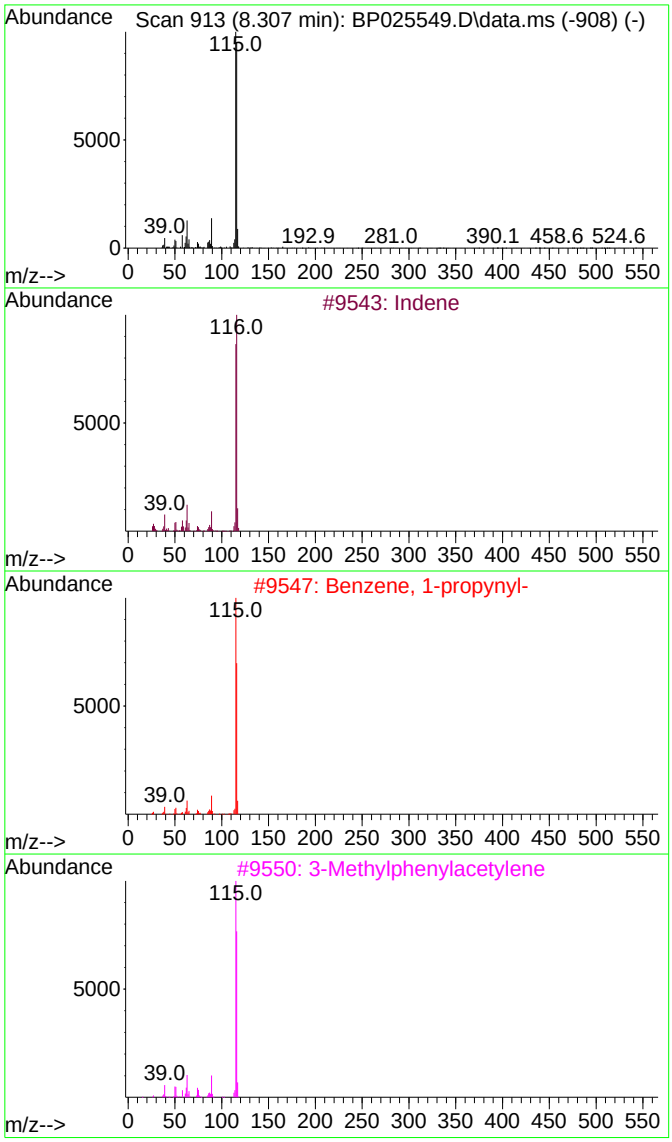
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

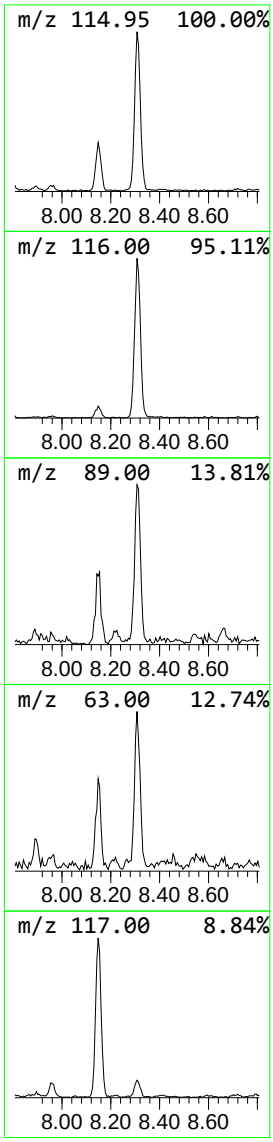
**********

Peak Number 7 3-Methylphenylacetylene Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.307 | 2.82 ng | 121278 | 1,4-Dichlorobenzene-d4 | 7.778 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indene | 116 | C9H8 | 000095-13-6 | 95 |
| 2 | Benzene, 1-propynyl- | 116 | C9H8 | 000673-32-5 | 94 |
| 3 | 3-Methylphenylacetylene | 116 | C9H8 | 000766-82-5 | 91 |
| 4 | Benzene, 1-ethynyl-4-methyl- | 116 | C9H8 | 000766-97-2 | 91 |
| 5 | Benzene, 1,2-propadienyl- | 116 | C9H8 | 002327-99-3 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025549.D
Acq On : 22 Aug 2025 14:54
Operator : CG/JU
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-18A-081925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

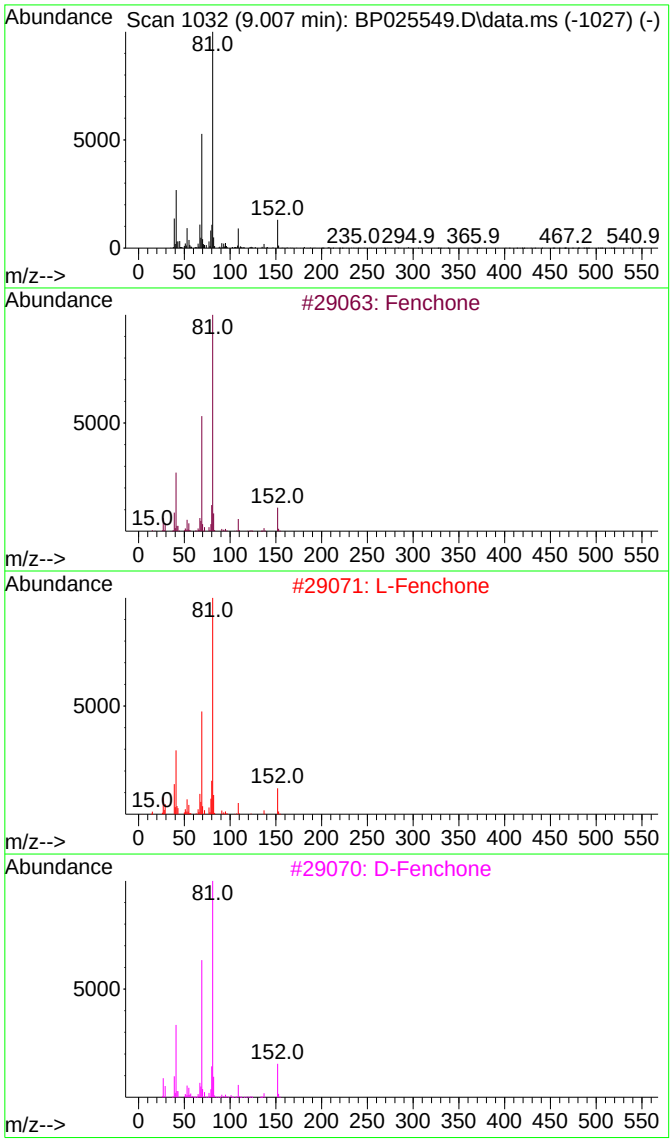
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

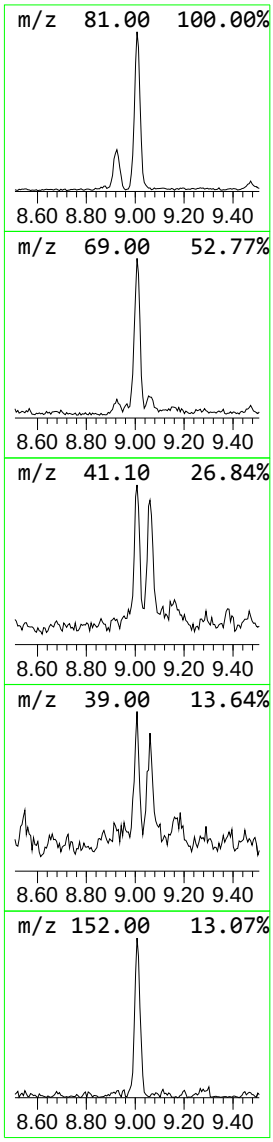
**********

Peak Number 8 Fenchone Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.007 | 2.26 ng | 97043 | 1,4-Dichlorobenzene-d4 | 7.778 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Fenchone | 152 | C10H16O | 001195-79-5 | 91 |
| 2 | L-Fenchone | 152 | C10H16O | 007787-20-4 | 74 |
| 3 | D-Fenchone | 152 | C10H16O | 004695-62-9 | 64 |
| 4 | 2,4-Decadienal, (E,E)- | 152 | C10H16O | 025152-84-5 | 53 |
| 5 | Cyclohexane, 1,3-dichloro-, cis- | 152 | C6H10Cl2 | 024955-63-3 | 53 |



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Data File : BP025549.D
Acq On : 22 Aug 2025 14:54
Operator : CG/JU
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-18A-081925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

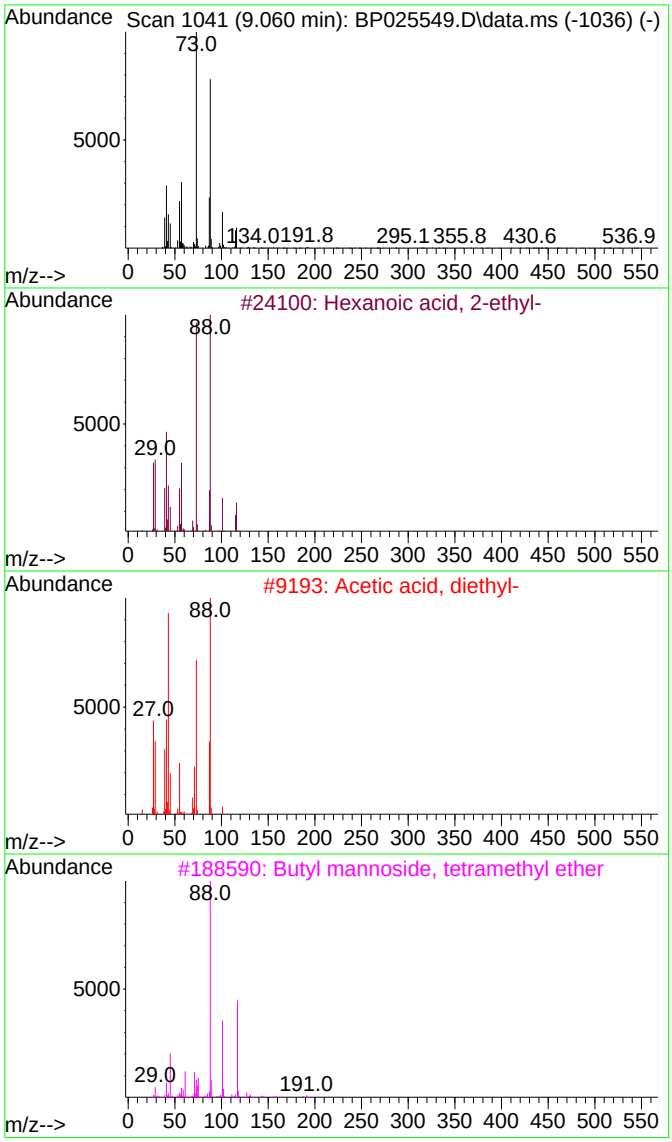
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

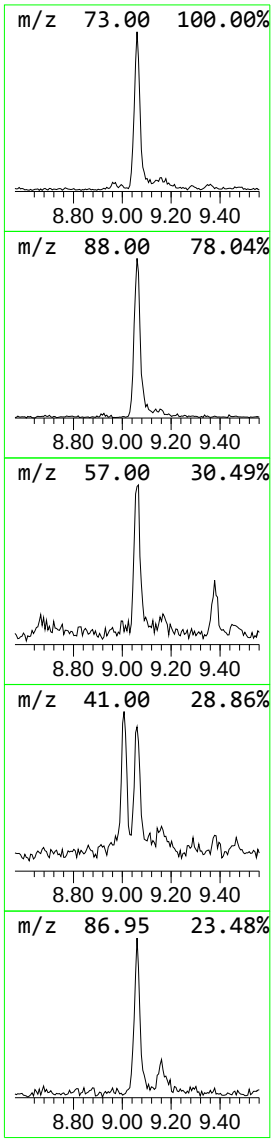
**********

Peak Number 9 Hexanoic acid, 2-ethyl- Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.060 | 2.43 ng | 104382 | 1,4-Dichlorobenzene-d4 | 7.778 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 72 |
| 2 | Acetic acid, diethyl- | 116 | C6H12O2 | 000088-09-5 | 59 |
| 3 | Butyl mannoside, tetramethyl ether | 292 | C14H28O6 | 1000501-84-1 | 50 |
| 4 | Pentanoic acid, 2-methyl-, methy... | 130 | C7H14O2 | 002177-77-7 | 47 |
| 5 | Methyl-4-deoxy-2,3-di-O-methyl.b... | 218 | C9H14O6 | 1000312-09-9 | 47 |



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Data File : BP025549.D
Acq On : 22 Aug 2025 14:54
Operator : CG/JU
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-18A-081925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

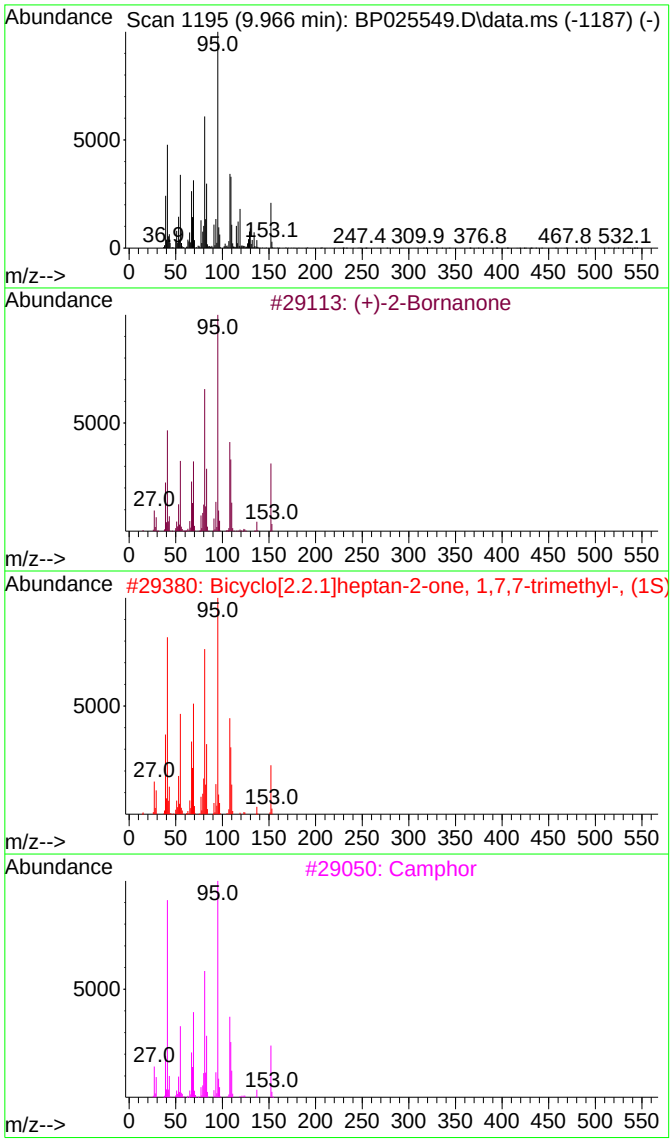
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

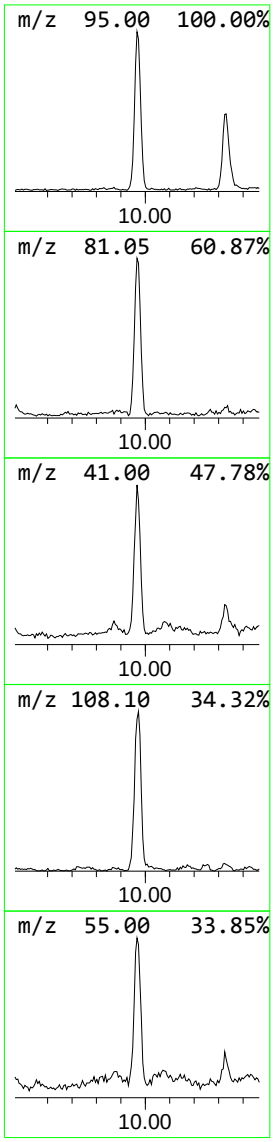
**********

Peak Number 10 (+)-2-Bornanone Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.966 | 6.89 ng | 406994 | Naphthalene-d8 | 10.549 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | (+)-2-Bornanone | 152 | C10H16O | 000464-49-3 | 97 |
| 2 | Bicyclo[2.2.1]heptan-2-one, 1,7,... | 152 | C10H16O | 000464-48-2 | 96 |
| 3 | Camphor | 152 | C10H16O | 000076-22-2 | 96 |
| 4 | 2-Butanone, 4-(5-methyl-2-furanyl)- | 152 | C9H12O2 | 013679-56-6 | 49 |
| 5 | 1-Adamantanol | 152 | C10H16O | 000768-95-6 | 43 |



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Data File : BP025549.D
Acq On : 22 Aug 2025 14:54
Operator : CG/JU
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-18A-081925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

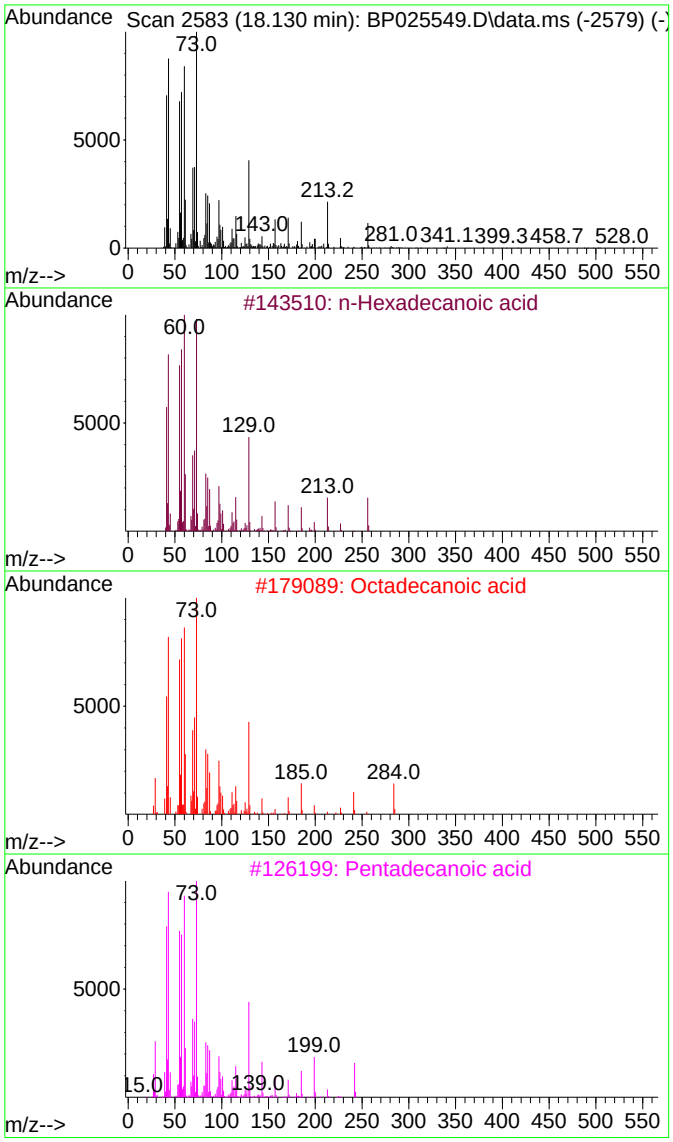
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

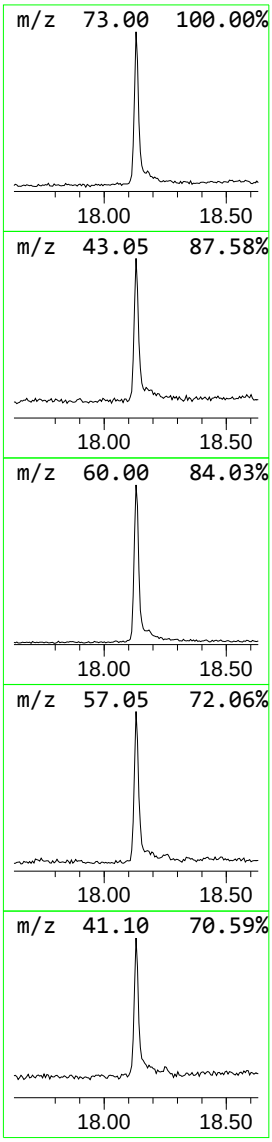
**********

Peak Number 11 n-Hexadecanoic acid Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.130 | 6.75 ng | 672289 | Phenanthrene-d10 | 17.189 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 93 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 91 |
| 4 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 76 |
| 5 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 70 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025549.D
Acq On : 22 Aug 2025 14:54
Operator : CG/JU
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-18A-081925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

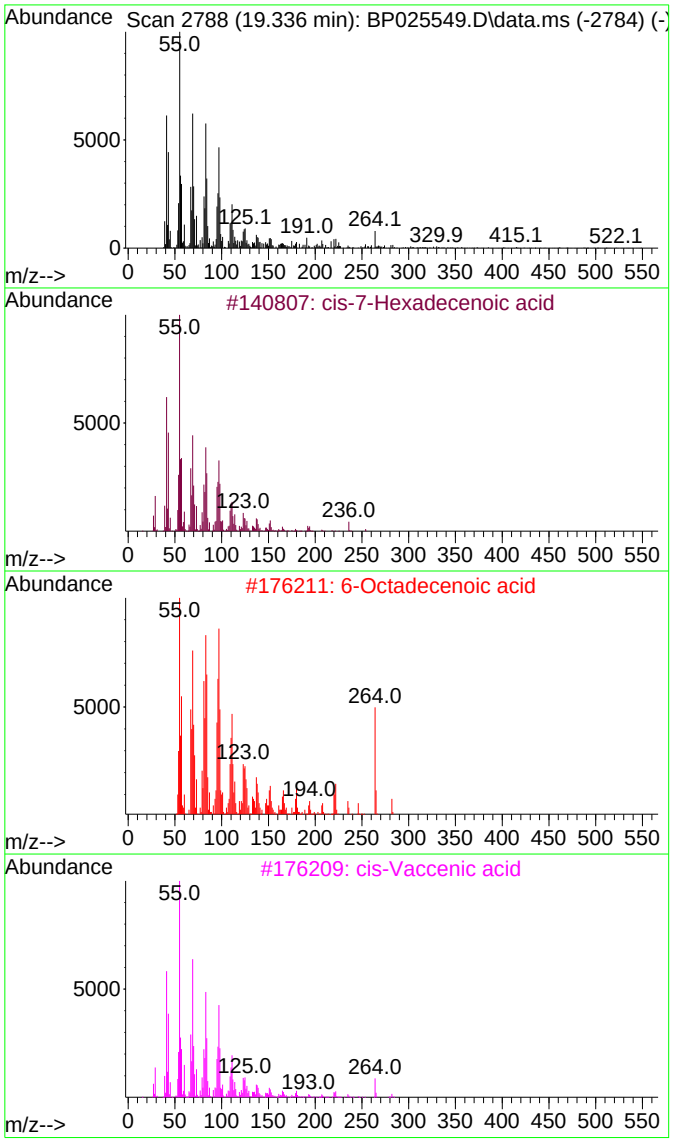
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

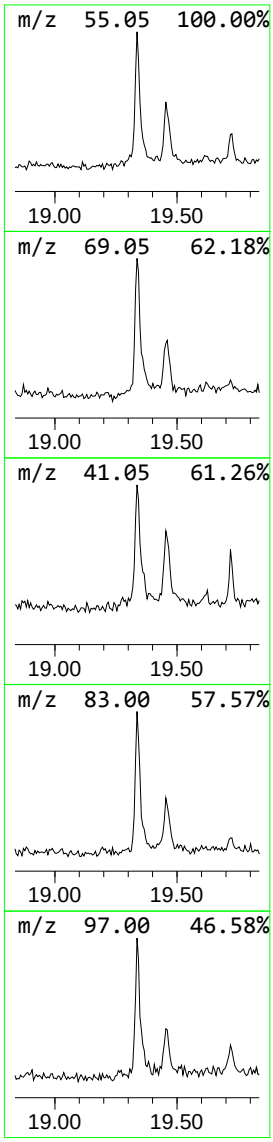
**********

Peak Number 12 cis-7-Hexadecenoic acid Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.336 | 4.59 ng | 457276 | Phenanthrene-d10 | 17.189 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | cis-7-Hexadecenoic acid | 254 | C16H30O2 | 002416-19-5 | 91 |
| 2 | 6-Octadecenoic acid | 282 | C18H34O2 | 1000336-66-8 | 91 |
| 3 | cis-Vaccenic acid | 282 | C18H34O2 | 000506-17-2 | 91 |
| 4 | cis-13-Octadecenoic acid | 282 | C18H34O2 | 013126-39-1 | 91 |
| 5 | 6-Octadecenoic acid, (Z)- | 282 | C18H34O2 | 000593-39-5 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025549.D
Acq On : 22 Aug 2025 14:54
Operator : CG/JU
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-18A-081925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

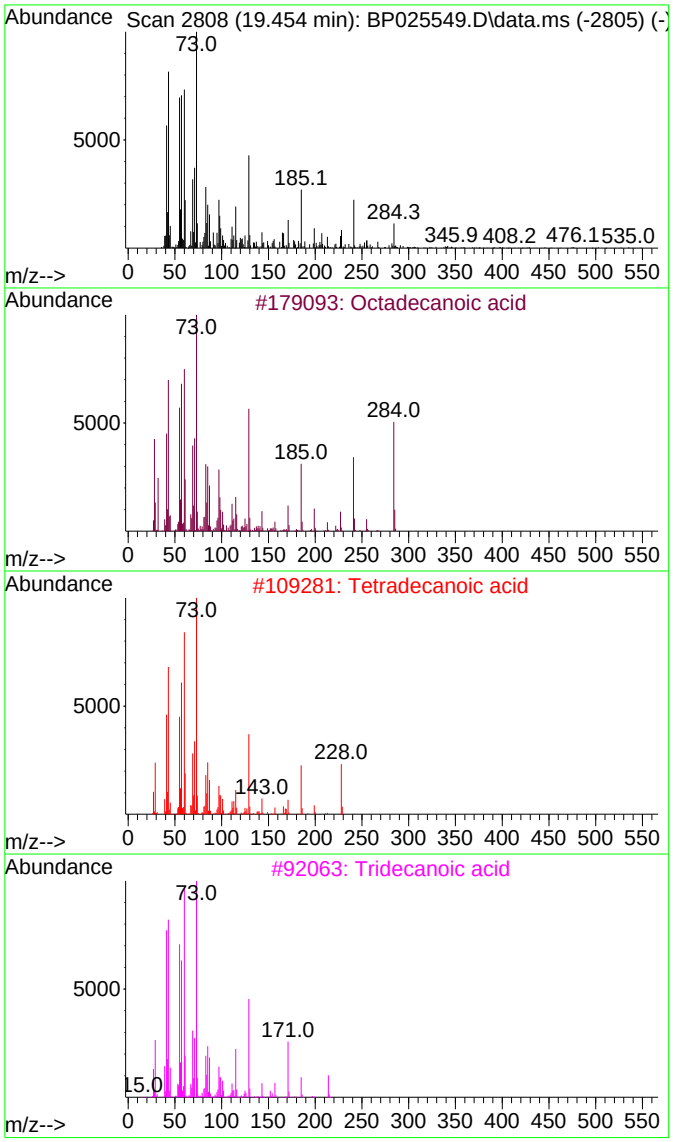
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

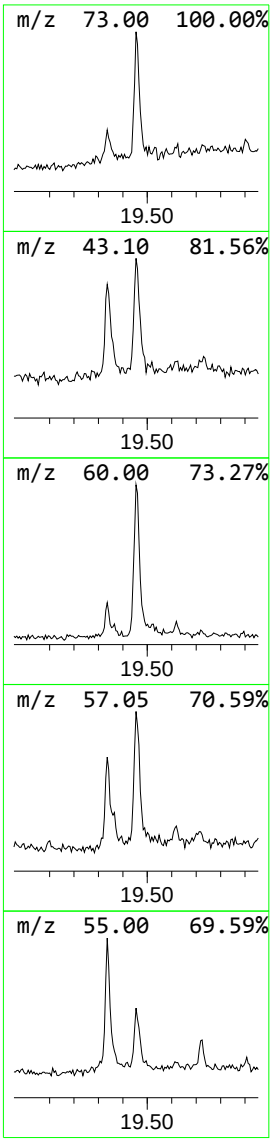
**********

Peak Number 13 Octadecanoic acid Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.454 | 2.36 ng | 270798 | Chrysene-d12 | 21.648 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 98 |
| 2 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 76 |
| 3 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 70 |
| 4 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 62 |
| 5 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 49 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025549.D
Acq On : 22 Aug 2025 14:54
Operator : CG/JU
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-18A-081925

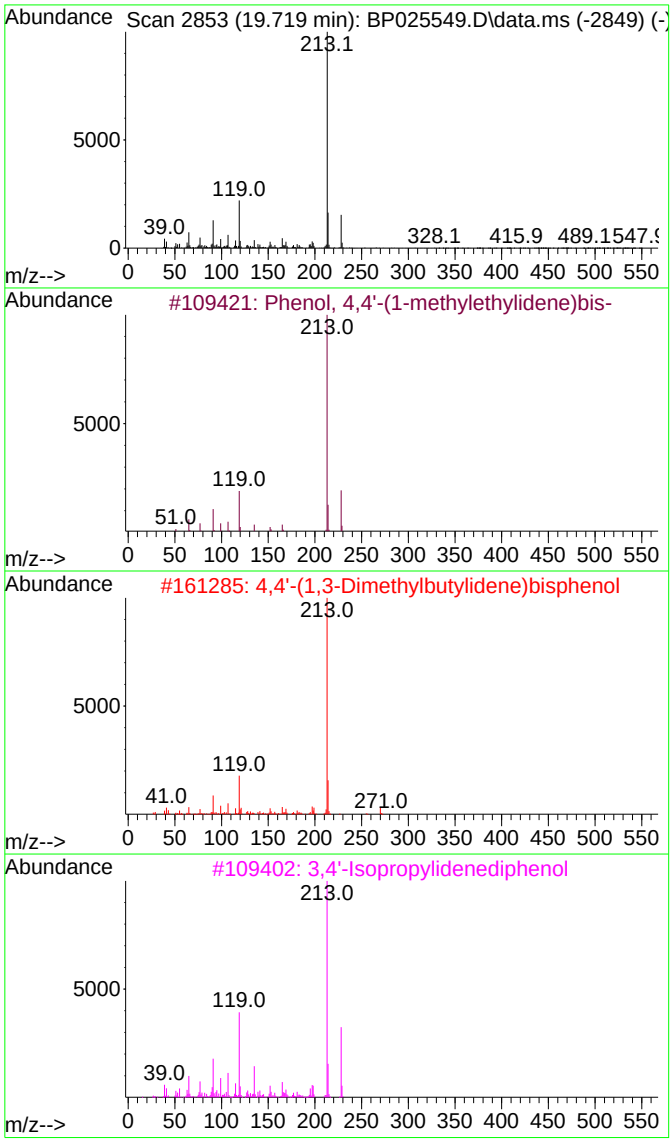
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

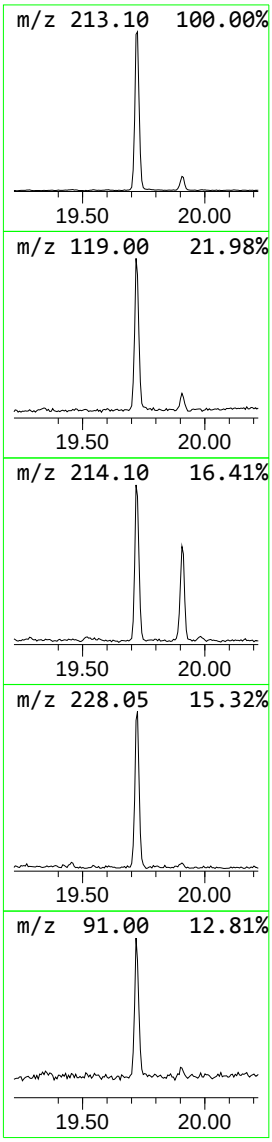
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Phenol, 4,4'-(1-methylethyl... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.719 | 7.84 ng | 898607 | Chrysene-d12 | 21.648 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 4,4'-(1-methylethylidene... | 228 | C15H16O2 | 000080-05-7 | 97 |
| 2 | 4,4'-(1,3-Dimethylbutylidene)bis... | 270 | C18H22O2 | 006807-17-6 | 74 |
| 3 | 3,4'-Isopropylidenediphenol | 228 | C15H16O2 | 046765-25-7 | 60 |
| 4 | 2-(4-Fluorophenyl)imidazo[1,2-a]... | 213 | C12H8FN3 | 000397-53-5 | 50 |
| 5 | 1-Methyl-1-n-octyloxy-1-silacycl... | 228 | C13H28OSi | 1010216-91-0 | 42 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025549.D
Acq On : 22 Aug 2025 14:54
Operator : CG/JU
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-18A-081925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

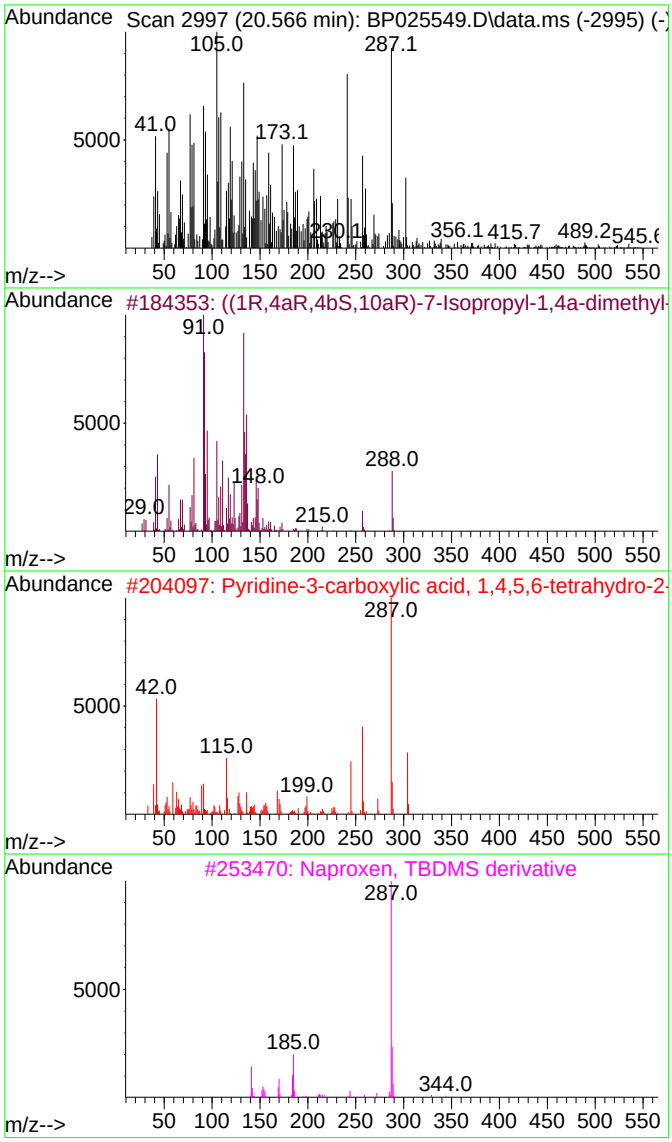
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

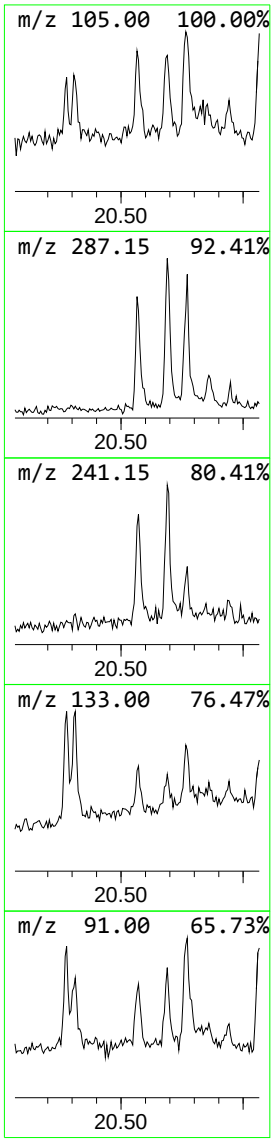
**********

Peak Number 15 unknown20.566 Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.566 | 2.30 ng | 263150 | Chrysene-d12 | 21.648 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | ((1R,4aR,4bS,10aR)-7-Isopropyl-1... | 288 | C20H32O | 097640-46-5 | 15 |
| 2 | Pyridine-3-carboxylic acid, 1,4,... | 304 | C15H16N2O5 | 299919-40-7 | 14 |
| 3 | Naproxen, TBDMS derivative | 344 | C20H28O3Si | 1000378-39-3 | 14 |
| 4 | 1,2-Benzisothiazol-3(2H)-one, 4-... | 287 | C13H9N3O3S | 1000277-42-1 | 14 |
| 5 | Silane, trimethyl([1,1':3',1''-t... | 302 | C21H22Si | 128388-53-4 | 11 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025549.D
Acq On : 22 Aug 2025 14:54
Operator : CG/JU
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-18A-081925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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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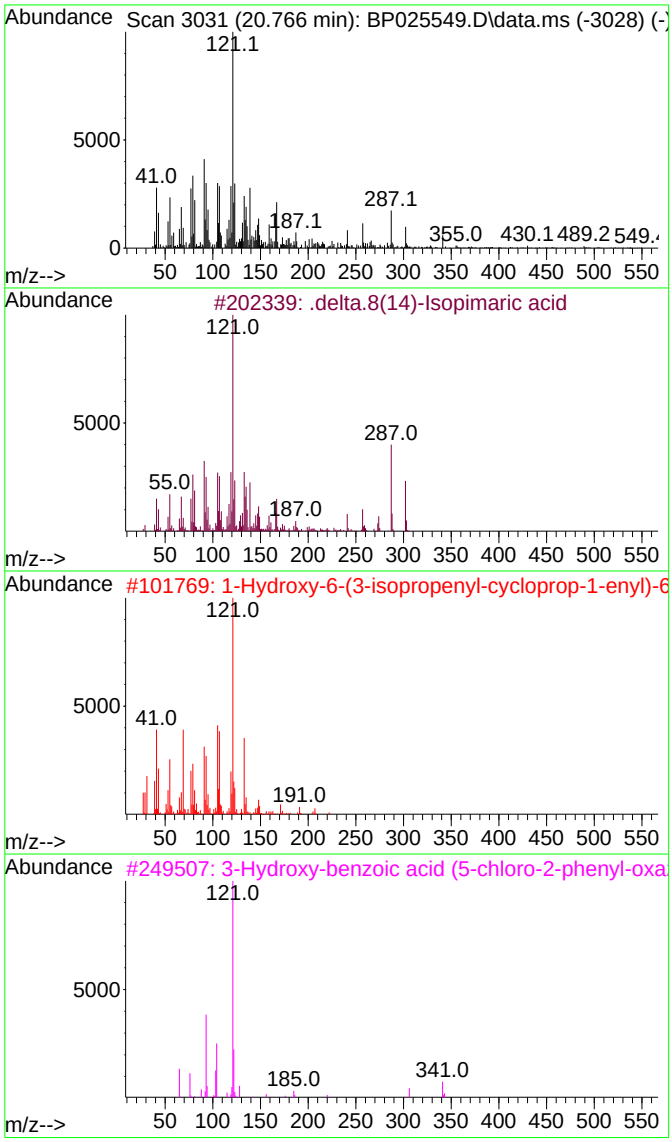
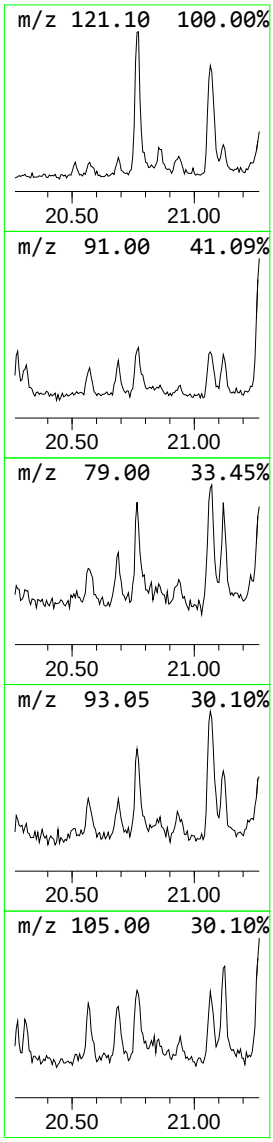
Peak Number 16 .delta.8(14)-Isopimaric acid Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.766 | 3.51 ng | 402200 | Chrysene-d12 | 21.648 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | .delta.8(14)-Isopimaric acid | 302 | C20H30O2 | 000471-74-9 | 93 |
| 2 | 1-Hydroxy-6-(3-isopropenyl-cyclo... | 222 | C14H22O2 | 1010189-14-9 | 43 |
| 3 | 3-Hydroxy-benzoic acid (5-chloro... | 341 | C17H12ClN3O3 | 1000296-00-2 | 42 |
| 4 | Cyclohexene, 4-ethenyl-4-methyl-... | 204 | C15H24 | 020307-84-0 | 30 |
| 5 | 3-(7-Methoxy-2H-1,3-benzodioxol-... | 341 | C19H19NO5 | 1000388-35-2 | 30 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025549.D
Acq On : 22 Aug 2025 14:54
Operator : CG/JU
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-18A-081925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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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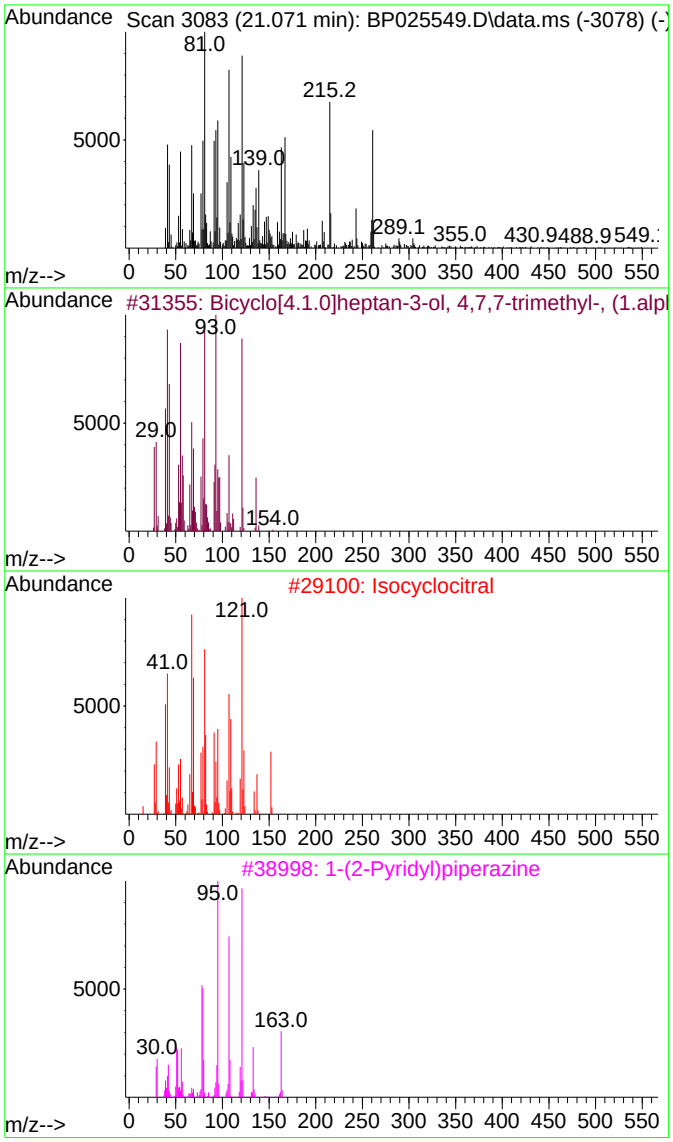
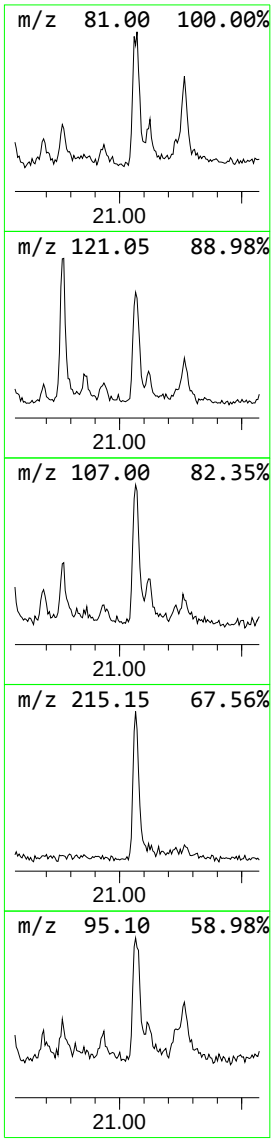
Peak Number 17 unknown21.071 Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.071 | 6.13 ng | 702553 | Chrysene-d12 | 21.648 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Bicyclo[4.1.0]heptan-3-ol, 4,7,7... | 154 | C10H18O | 054750-09-3 | 30 |
| 2 | Isocyclocitral | 152 | C10H16O | 001335-66-6 | 27 |
| 3 | 1-(2-Pyridyl)piperazine | 163 | C9H13N3 | 034803-66-2 | 25 |
| 4 | 2,6,6-Trimethylcyclohexa-1,4-die... | 150 | C10H14O | 162376-82-1 | 25 |
| 5 | N-(4-Methoxybenzyl)-2-pyrimidina... | 215 | C12H13N3O | 006957-21-7 | 11 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025549.D
Acq On : 22 Aug 2025 14:54
Operator : CG/JU
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-18A-081925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

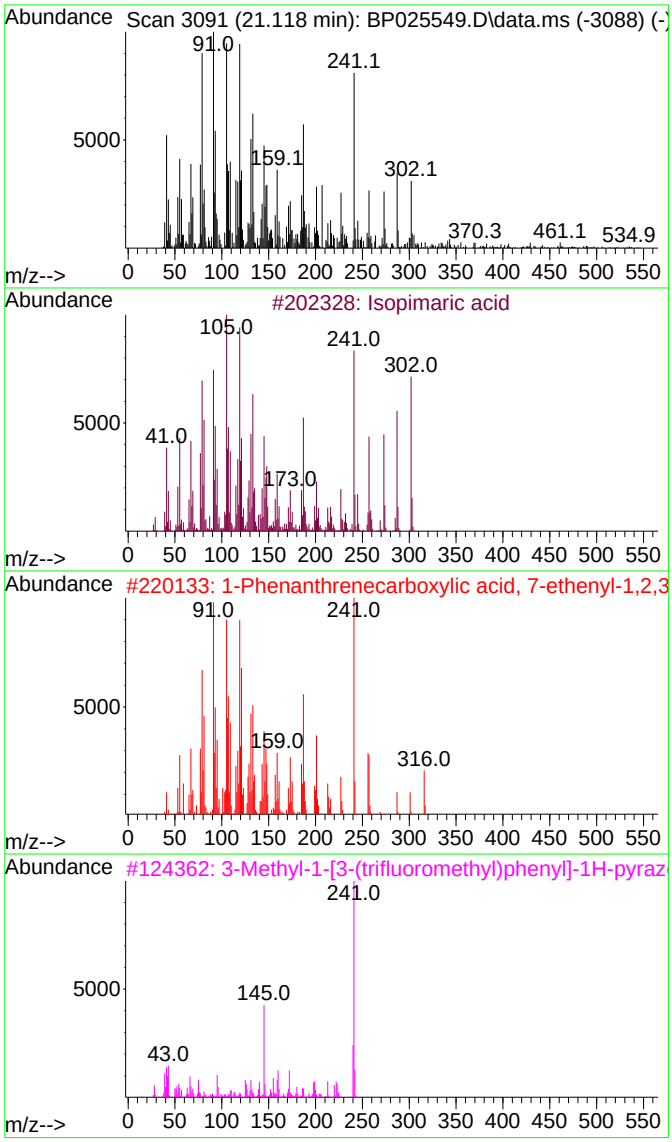
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

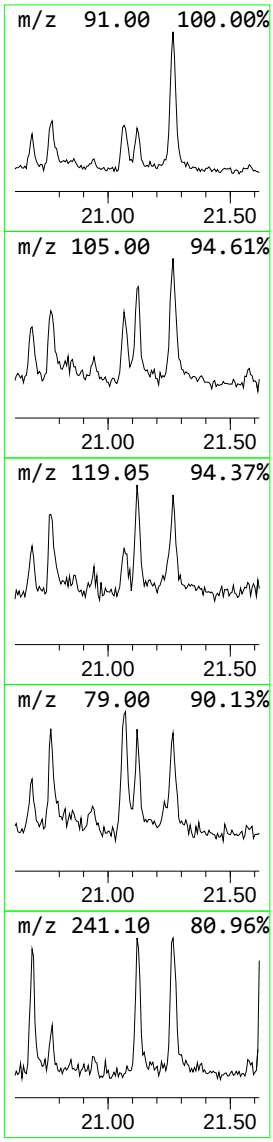
**********

Peak Number 18 Isopimaric acid Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.119 | 3.11 ng | 356443 | Chrysene-d12 | 21.648 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Isopimaric acid | 302 | C20H30O2 | 005835-26-7 | 99 |
| 2 | 1-Phenanthrenecarboxylic acid, 7... | 316 | C21H32O2 | 001686-62-0 | 46 |
| 3 | 3-Methyl-1-[3-(trifluoromethyl)p... | 241 | C11H10F3N3 | 000345-07-3 | 18 |
| 4 | [1,2,4]Triazolo[1,5-a]pyrimidin-... | 241 | C12H11N5O | 1000351-09-2 | 15 |
| 5 | 1,2,4-Triazole-3,5-dione, 1-(1-i... | 257 | C14H15N3O2 | 1000154-45-7 | 15 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025549.D
Acq On : 22 Aug 2025 14:54
Operator : CG/JU
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-18A-081925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

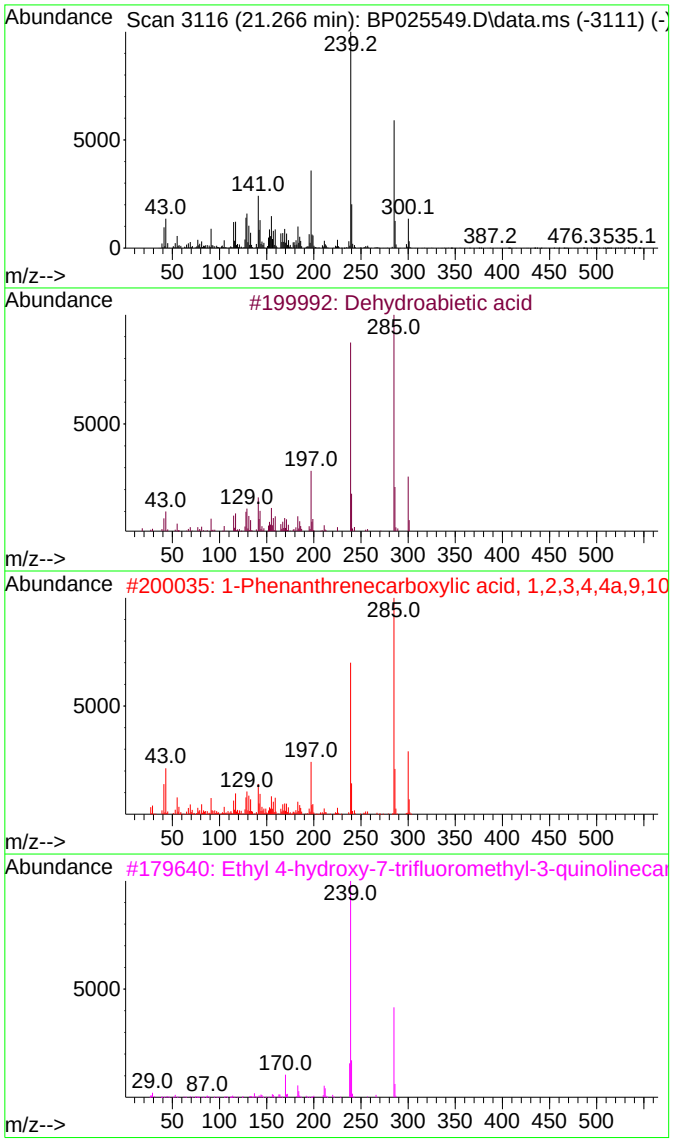
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

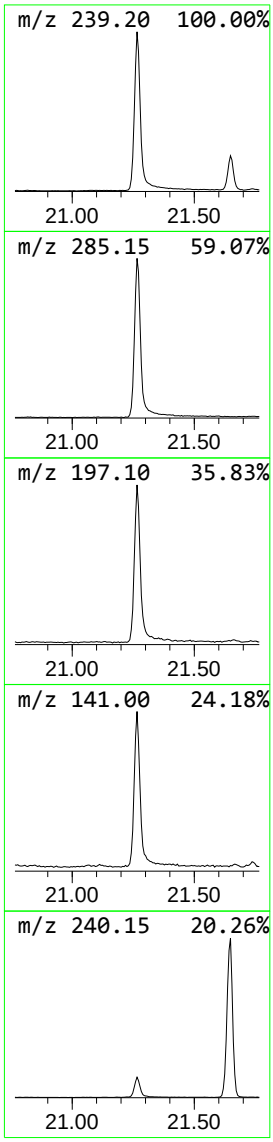
**********

Peak Number 19 Dehydroabietic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.265 | 35.48 ng | 4065600 | Chrysene-d12 | 21.648 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dehydroabietic acid | 300 | C20H28O2 | 001740-19-8 | 99 |
| 2 | 1-Phenanthrenecarboxylic acid, 1... | 300 | C20H28O2 | 005155-70-4 | 94 |
| 3 | Ethyl 4-hydroxy-7-trifluoromethy... | 285 | C13H10F3NO3 | 000391-02-6 | 58 |
| 4 | 2-Ethylidene-hydrazono-3-methyl-... | 239 | C10H10ClN3S | 1000148-08-4 | 43 |
| 5 | trans-1,2-Bis(methyldichlorosily... | 252 | C4H8Cl4Si2 | 065899-10-7 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025549.D
Acq On : 22 Aug 2025 14:54
Operator : CG/JU
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-18A-081925

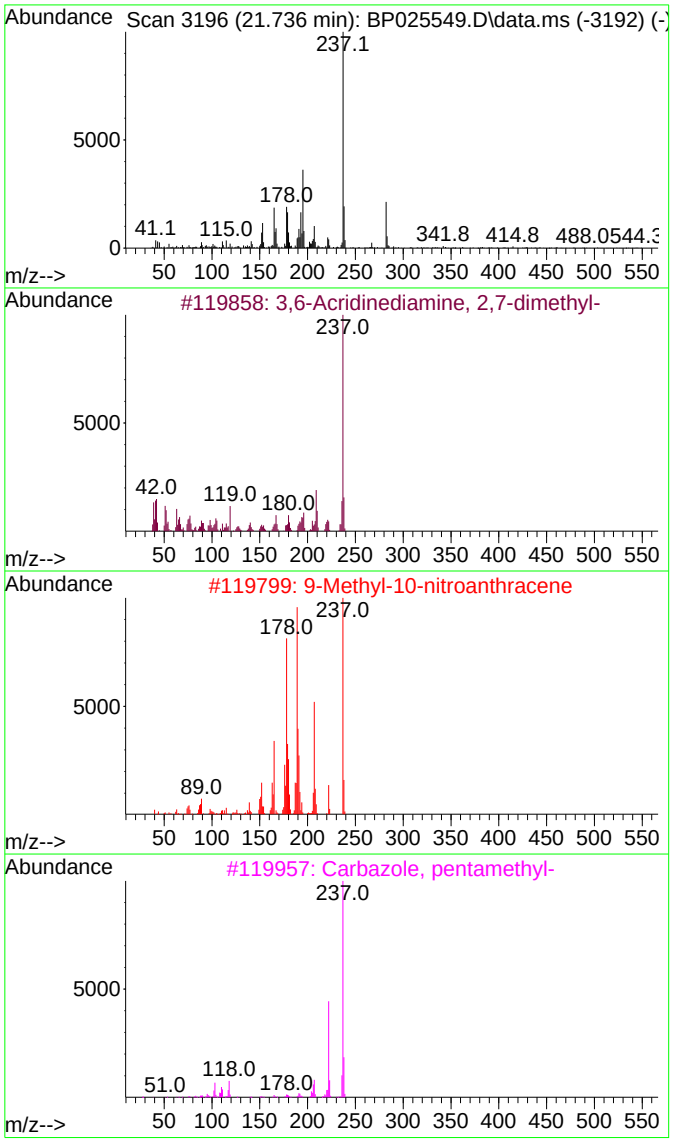
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

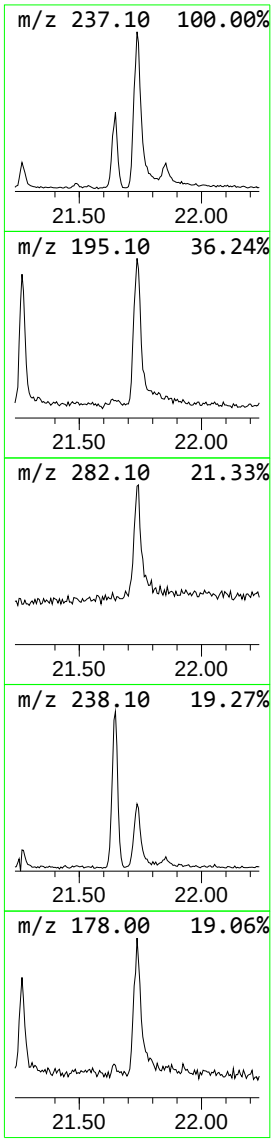
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 20 3,6-Acridinediamine, 2,7-di... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.736 | 3.89 ng | 446293 | Chrysene-d12 | 21.648 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3,6-Acridinediamine, 2,7-dimethyl- | 237 | C15H15N3 | 000092-26-2 | 58 |
| 2 | 9-Methyl-10-nitroanthracene | 237 | C15H11NO2 | 084457-22-7 | 53 |
| 3 | Carbazole, pentamethyl- | 237 | C17H19N | 121091-20-1 | 49 |
| 4 | 2-Benzo[1,3]dioxol-5-yl-indolizine | 237 | C15H11NO2 | 1000301-42-4 | 47 |
| 5 | 2-Chloro-6-methoxyquinoline-4-ca... | 237 | C11H8ClNO3 | 020335-34-6 | 47 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025549.D
Acq On : 22 Aug 2025 14:54
Operator : CG/JU
Sample : Q2903-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-18A-081925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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... | 3.031 | 57.1 | ng | 2455470 | 1 | 7.778 | 859324 | 20.0 |
| Butanoic acid, ... | 4.713 | 3.2 | ng | 137003 | 1 | 7.778 | 859324 | 20.0 |
| .alpha.-Hydroxy... | 4.937 | 2.4 | ng | 104673 | 1 | 7.778 | 859324 | 20.0 |
| Benzene, 1,3-di... | 5.825 | 3.0 | ng | 127121 | 1 | 7.778 | 859324 | 20.0 |
| Benzene, 1-prop... | 8.149 | 2.5 | ng | 108200 | 1 | 7.778 | 859324 | 20.0 |
| 3-Methylphenyla... | 8.307 | 2.8 | ng | 121278 | 1 | 7.778 | 859324 | 20.0 |
| Fenchone | 9.007 | 2.3 | ng | 97043 | 1 | 7.778 | 859324 | 20.0 |
| Hexanoic acid, ... | 9.060 | 2.4 | ng | 104382 | 1 | 7.778 | 859324 | 20.0 |
| (+)-2-Bornanone | 9.966 | 6.9 | ng | 406994 | 2 | 10.549 | 1180960 | 20.0 |
| n-Hexadecanoic ... | 18.130 | 6.8 | ng | 672289 | 4 | 17.189 | 1991330 | 20.0 |
| cis-7-Hexadecen... | 19.336 | 4.6 | ng | 457276 | 4 | 17.189 | 1991330 | 20.0 |
| Octadecanoic acid | 19.454 | 2.4 | ng | 270798 | 5 | 21.648 | 2291640 | 20.0 |
| Phenol, 4,4'-(1... | 19.719 | 7.8 | ng | 898607 | 5 | 21.648 | 2291640 | 20.0 |
| unknown20.566 | 20.566 | 2.3 | ng | 263150 | 5 | 21.648 | 2291640 | 20.0 |
| .delta.8(14)-Is... | 20.766 | 3.5 | ng | 402200 | 5 | 21.648 | 2291640 | 20.0 |
| unknown21.071 | 21.071 | 6.1 | ng | 702553 | 5 | 21.648 | 2291640 | 20.0 |
| Isopimaric acid | 21.119 | 3.1 | ng | 356443 | 5 | 21.648 | 2291640 | 20.0 |
| Dehydroabietic ... | 21.265 | 35.5 | ng | 4065600 | 5 | 21.648 | 2291640 | 20.0 |
| 3,6-Acridinedia... | 21.736 | 3.9 | ng | 446293 | 5 | 21.648 | 2291640 | 20.0 |