LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
Data File : BF143396.D
Acq On : 14 Aug 2025 22:26
Operator : RC/JU
Sample : Q2814-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
FB

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-BF081225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143396.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.293 | 7 | 17 | 34 | rVB | 2484114 | 4414596 | 78.63% | 12.298% |
| 2 | 5.169 | 498 | 506 | 526 | rBV | 294716 | 447797 | 7.98% | 1.247% |
| 3 | 5.569 | 569 | 574 | 596 | rBV | 2136864 | 2932130 | 52.22% | 8.168% |
| 4 | 6.563 | 737 | 743 | 767 | rBV | 1700708 | 2275571 | 40.53% | 6.339% |
| 5 | 6.934 | 801 | 806 | 813 | rBV | 734721 | 910914 | 16.22% | 2.538% |
| 6 | 7.493 | 894 | 901 | 906 | rBV | 2384989 | 3460169 | 61.63% | 9.639% |
| 7 | 7.634 | 911 | 925 | 956 | rVB | 431553 | 1309549 | 23.32% | 3.648% |
| 8 | 8.210 | 1015 | 1023 | 1038 | rBV | 891285 | 1223456 | 21.79% | 3.408% |
| 9 | 8.351 | 1039 | 1047 | 1052 | rBV2 | 39959 | 88239 | 1.57% | 0.246% |
| 10 | 8.434 | 1057 | 1061 | 1062 | rVV | 128773 | 169139 | 3.01% | 0.471% |
| 11 | 8.457 | 1062 | 1065 | 1076 | rVB | 198632 | 333290 | 5.94% | 0.928% |
| 12 | 8.581 | 1077 | 1086 | 1093 | rBV4 | 116082 | 288744 | 5.14% | 0.804% |
| 13 | 8.945 | 1137 | 1148 | 1157 | rVB3 | 28464 | 63710 | 1.13% | 0.177% |
| 14 | 9.063 | 1157 | 1168 | 1183 | rVB2 | 34995 | 95058 | 1.69% | 0.265% |
| 15 | 9.287 | 1200 | 1206 | 1221 | rBV | 4072181 | 5614626 | 100.00% | 15.641% |
| 16 | 9.404 | 1221 | 1226 | 1235 | rVB | 42937 | 60041 | 1.07% | 0.167% |
| 17 | 9.969 | 1316 | 1322 | 1335 | rBV | 1056140 | 1348745 | 24.02% | 3.757% |
| 18 | 10.757 | 1450 | 1456 | 1472 | rBV | 2410050 | 3272332 | 58.28% | 9.116% |
| 19 | 11.451 | 1569 | 1574 | 1589 | rBV | 885613 | 1204721 | 21.46% | 3.356% |
| 20 | 13.039 | 1838 | 1844 | 1849 | rBV | 3471051 | 4554715 | 81.12% | 12.688% |
| 21 | 14.098 | 2018 | 2024 | 2035 | rBV | 516252 | 726608 | 12.94% | 2.024% |
| 22 | 15.592 | 2272 | 2278 | 2285 | rBV | 538979 | 895139 | 15.94% | 2.494% |
| 23 | 15.680 | 2288 | 2293 | 2311 | rVB4 | 64151 | 208388 | 3.71% | 0.581% |

Sum of corrected areas: 35897677

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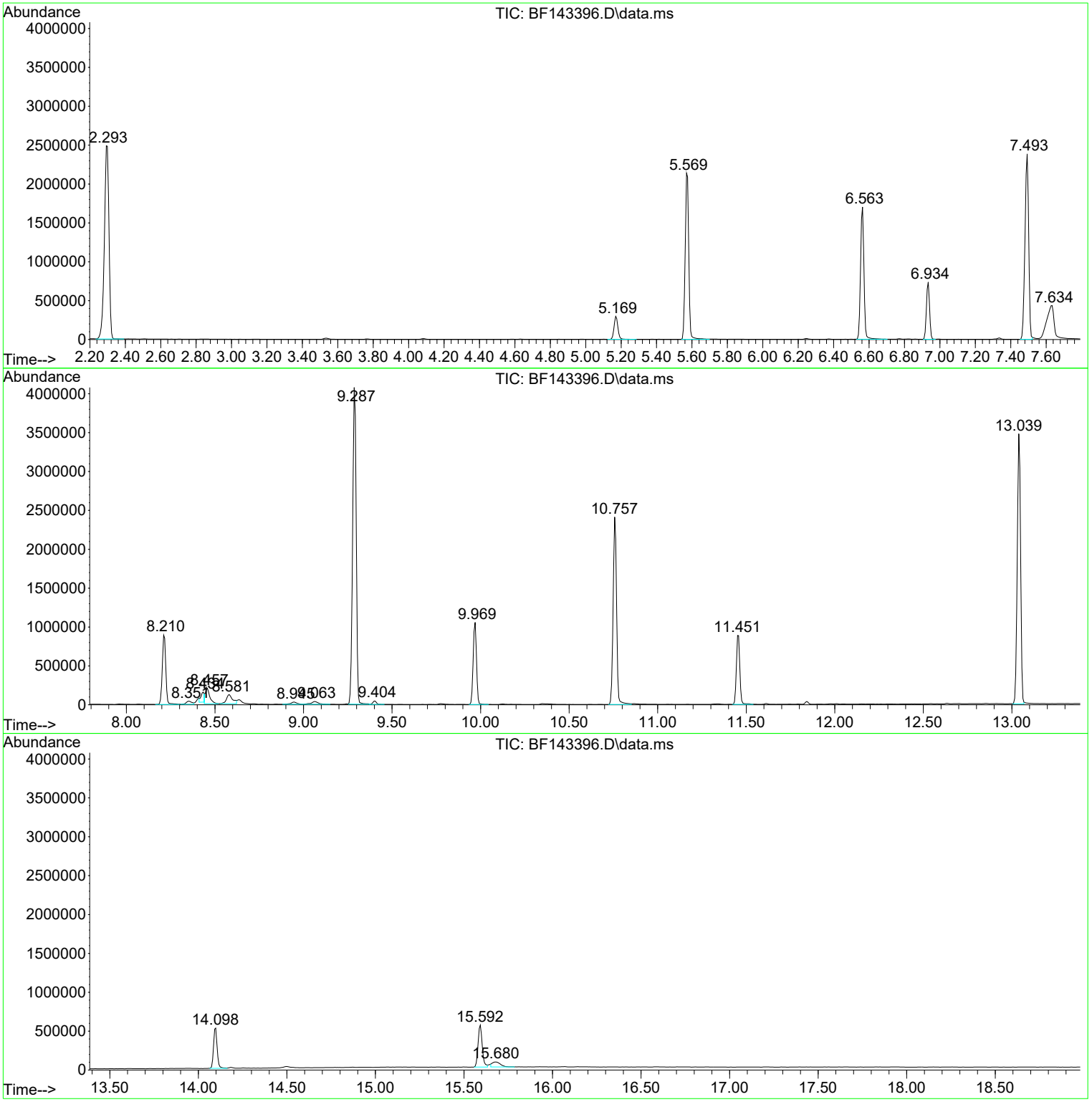
**Instrument :**
BNA_F
**ClientSampleId :**
FB

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.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\BF081425\
Data File : BF143396.D
Acq On : 14 Aug 2025 22:26
Operator : RC/JU
Sample : Q2814-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
FB

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

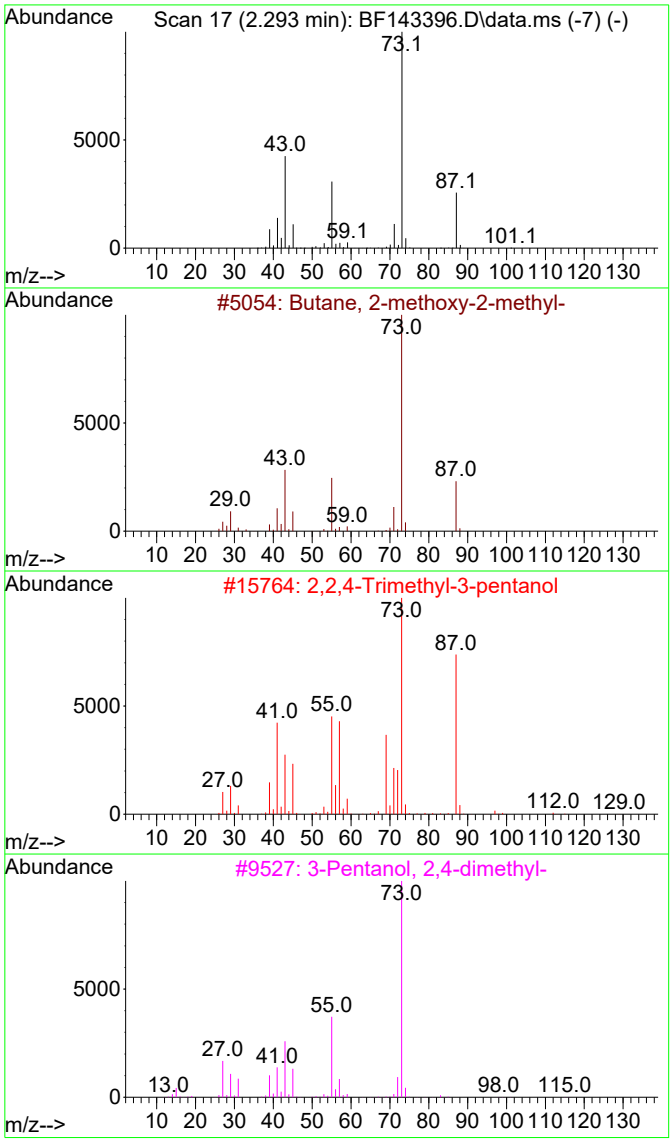
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

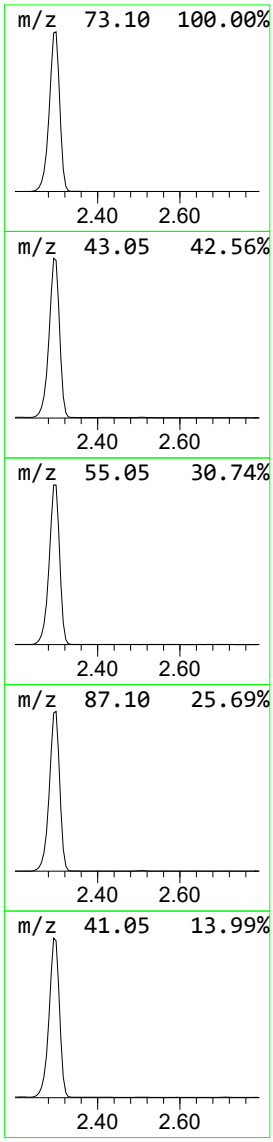
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.293 | 96.93 ng | 4414600 | 1,4-Dichlorobenzene-d4 | 6.934 |

| 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, 2,4-dimethyl- | 116 | C7H16O | 000600-36-2 | 37 |
| 4 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 25 |
| 5 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 12 |



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Data File : BF143396.D
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Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
FB

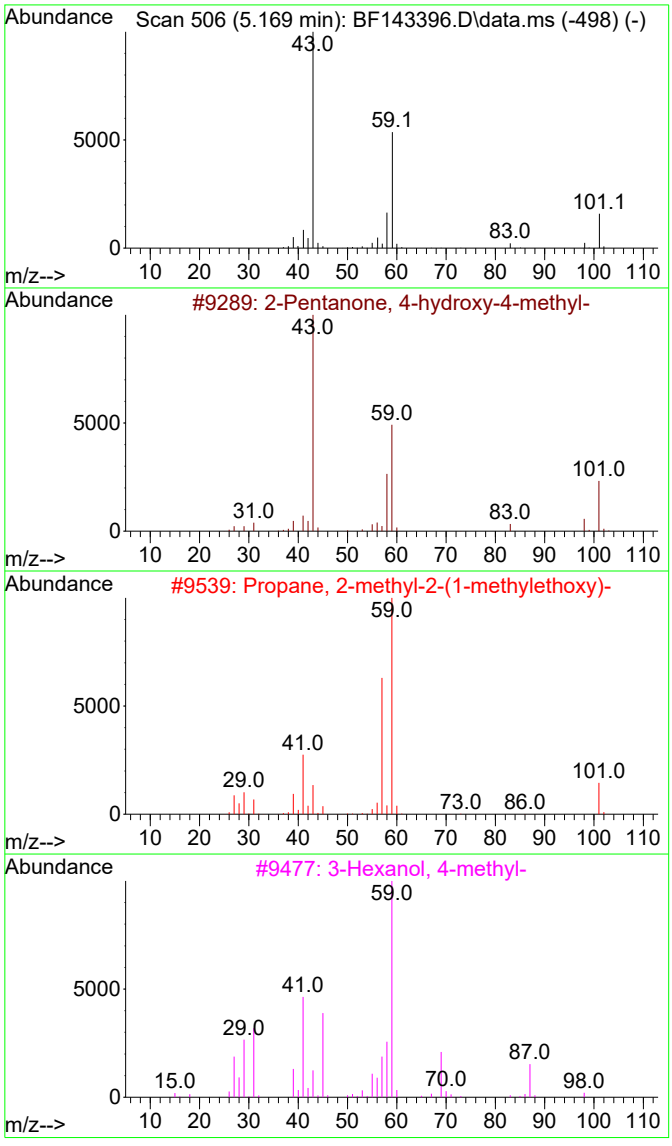
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

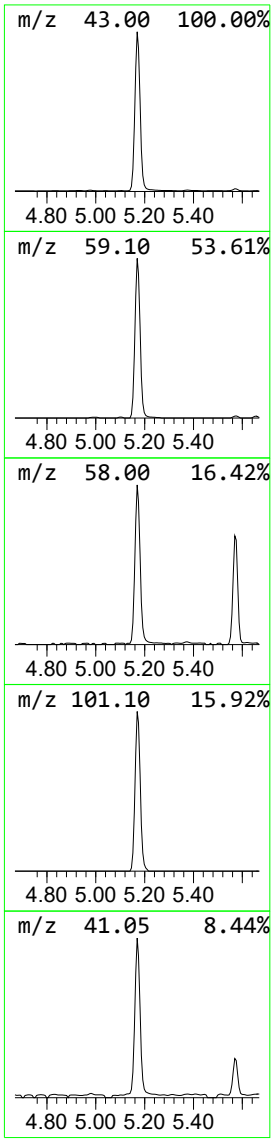
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.169 | 9.83 ng | 447797 | 1,4-Dichlorobenzene-d4 | 6.934 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 59 |
| 2 | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O | 017348-59-3 | 36 |
| 3 | 3-Hexanol, 4-methyl- | 116 | C7H16O | 000615-29-2 | 33 |
| 4 | 2-Hexanol, 2-methyl- | 116 | C7H16O | 000625-23-0 | 33 |
| 5 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 25 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
Data File : BF143396.D
Acq On : 14 Aug 2025 22:26
Operator : RC/JU
Sample : Q2814-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
FB

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

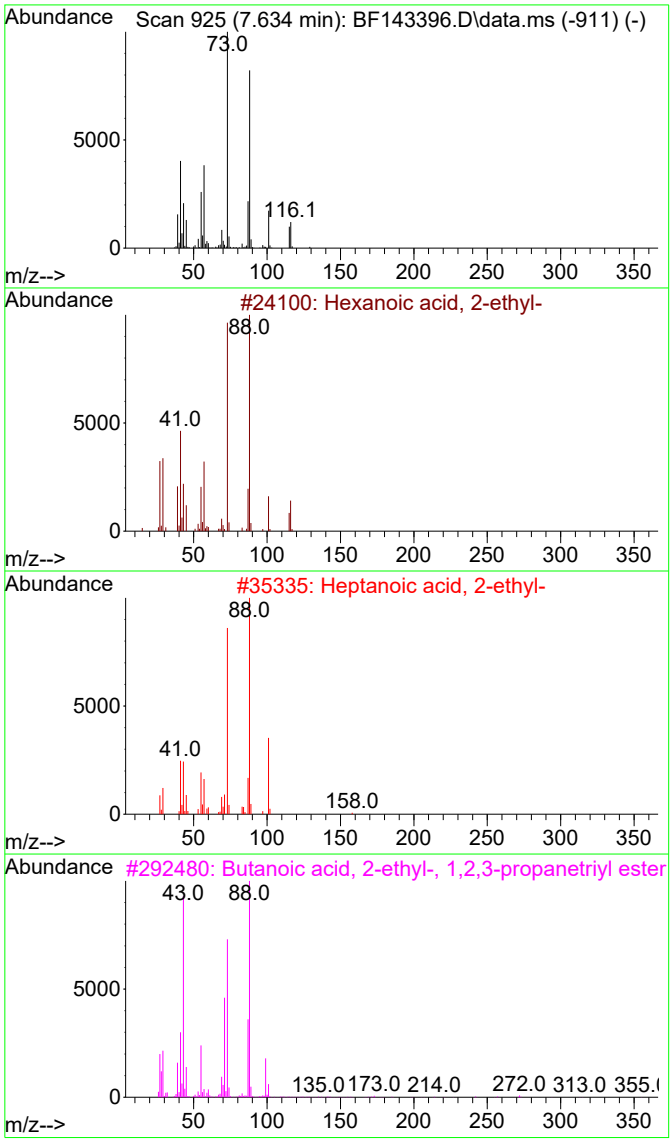
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

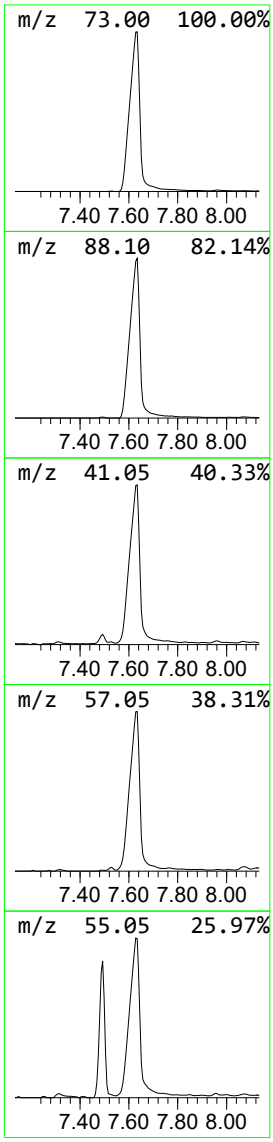
**********

Peak Number 3 Hexanoic acid, 2-ethyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.634 | 21.41 ng | 1309550 | Naphthalene-d8 | 8.210 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 90 |
| 2 | Heptanoic acid, 2-ethyl- | 158 | C9H18O2 | 003274-29-1 | 59 |
| 3 | Butanoic acid, 2-ethyl-, 1,2,3-p... | 386 | C21H38O6 | 056554-54-2 | 53 |
| 4 | 2-Ethyl-4-methylpentanoic acid | 144 | C8H16O2 | 000108-81-6 | 50 |
| 5 | 1,4-Dioxane | 88 | C4H8O2 | 000123-91-1 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
Data File : BF143396.D
Acq On : 14 Aug 2025 22:26
Operator : RC/JU
Sample : Q2814-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
FB

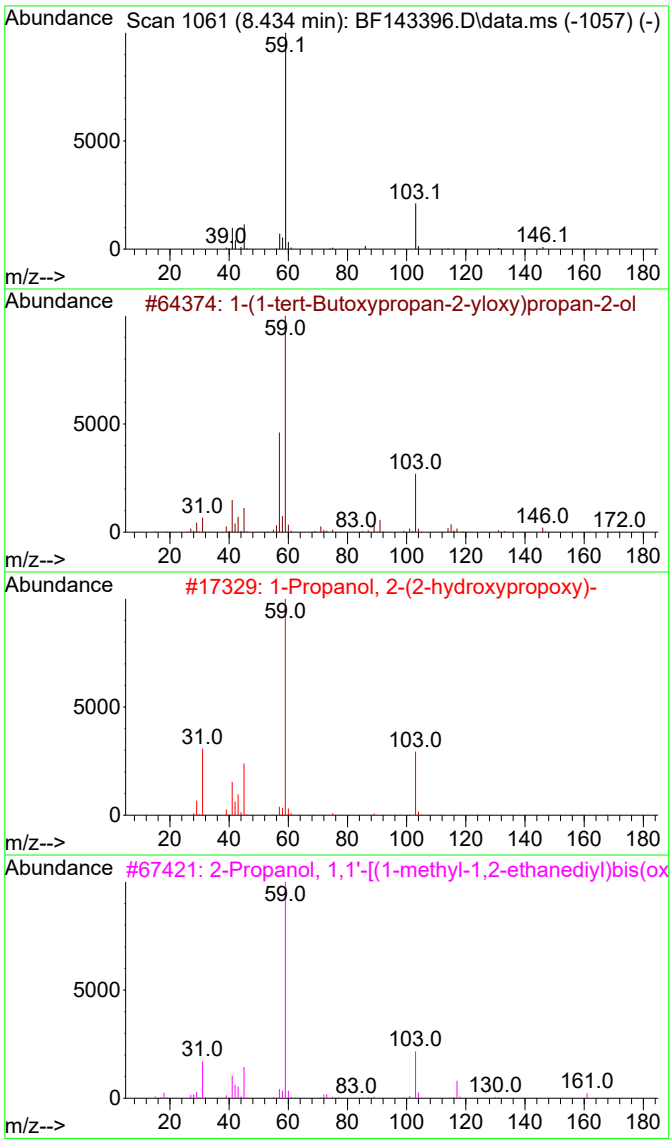
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

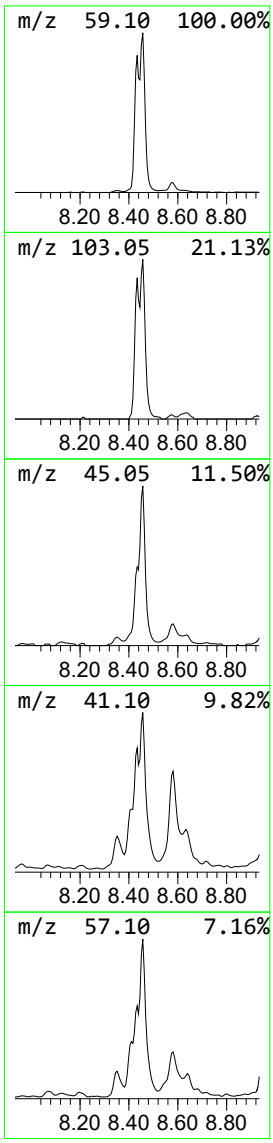
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 1-(1-tert-Butoxypropan-2-yl... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.434 | 2.76 ng | 169139 | Naphthalene-d8 | 8.210 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-(1-tert-Butoxypropan-2-yloxy)p... | 190 | C10H22O3 | 132739-31-2 | 78 |
| 2 | 1-Propanol, 2-(2-hydroxypropoxy)- | 134 | C6H14O3 | 000106-62-7 | 78 |
| 3 | 2-Propanol, 1,1'-[(1-methyl-1,2-... | 192 | C9H20O4 | 001638-16-0 | 78 |
| 4 | 1-Propanol, 2,2'-oxybis- | 134 | C6H14O3 | 000108-61-2 | 74 |
| 5 | 1,4,7-Trimethyl-3,6-dioxaoctane-... | 192 | C9H20O4 | 1000423-63-2 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
Data File : BF143396.D
Acq On : 14 Aug 2025 22:26
Operator : RC/JU
Sample : Q2814-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
FB

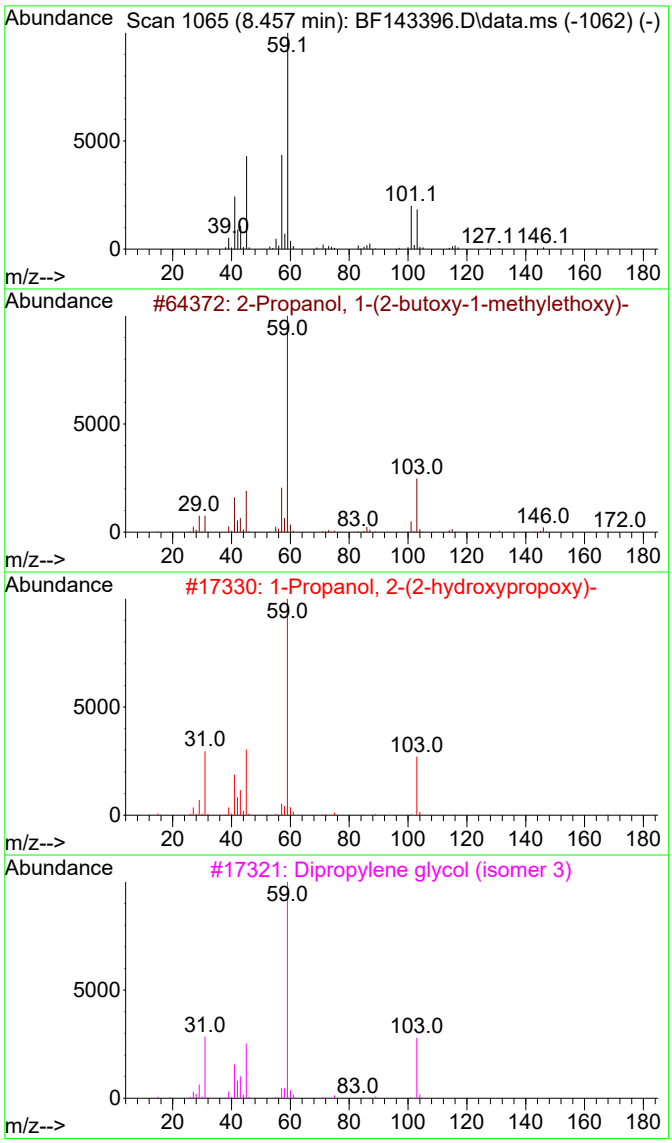
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

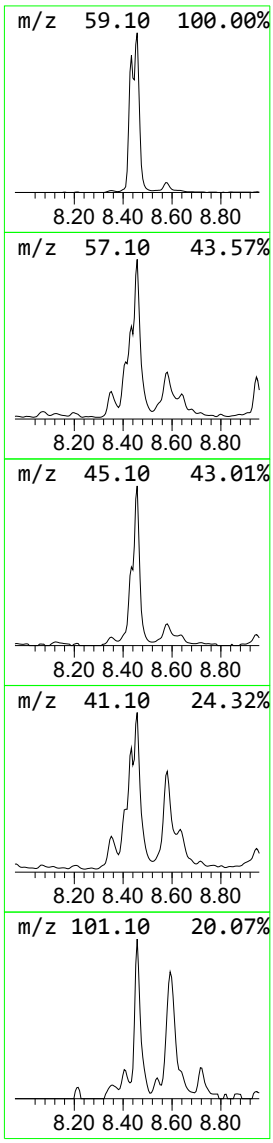
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 2-Propanol, 1-(2-butoxy-1-m... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.457 | 5.45 ng | 333290 | Naphthalene-d8 | 8.210 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Propanol, 1-(2-butoxy-1-methyl... | 190 | C10H22O3 | 029911-28-2 | 53 |
| 2 | 1-Propanol, 2-(2-hydroxypropoxy)- | 134 | C6H14O3 | 000106-62-7 | 53 |
| 3 | Dipropylene glycol (isomer 3) | 134 | C6H14O3 | 1000506-25-5 | 50 |
| 4 | Propane, 1,2-dimethoxy- | 104 | C5H12O2 | 007778-85-0 | 50 |
| 5 | 1-Propanol, 2,2'-oxybis- | 134 | C6H14O3 | 000108-61-2 | 50 |



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Misc :
ALS Vial : 21 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
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TIC Library : C:\Database\NIST20.L
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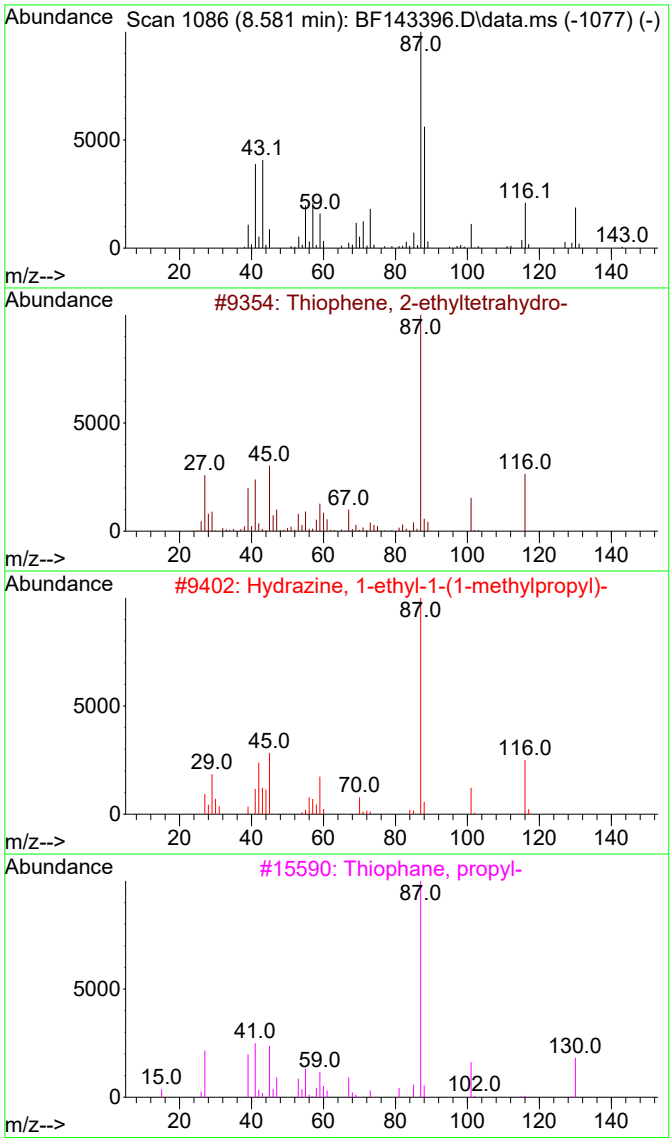
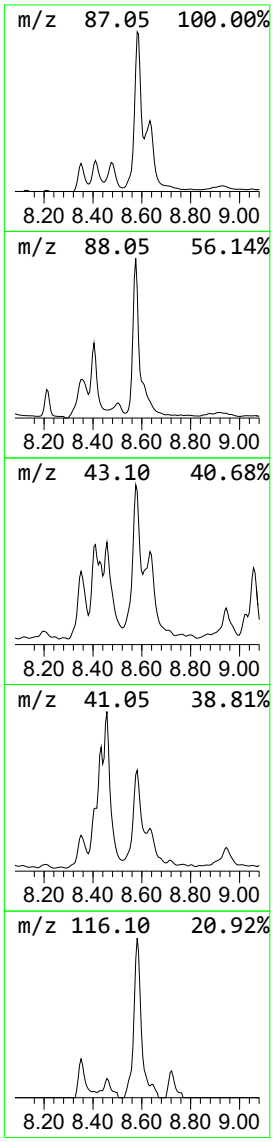
**********

Peak Number 6 unknown8.581 Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.581 | 4.72 ng | 288744 | Naphthalene-d8 | 8.210 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Thiophene, 2-ethyltetrahydro- | 116 | C6H12S | 001551-32-2 | 49 |
| 2 | Hydrazine, 1-ethyl-1-(1-methylpr... | 116 | C6H16N2 | 020325-97-7 | 47 |
| 3 | Thiophane, propyl- | 130 | C7H14S | 001551-34-4 | 38 |
| 4 | Neodecanoic acid | 172 | C10H20O2 | 026896-20-8 | 37 |
| 5 | Hydrazine, 1,1-dipropyl- | 116 | C6H16N2 | 004986-50-9 | 32 |



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ALS Vial : 21 Sample Multiplier: 1

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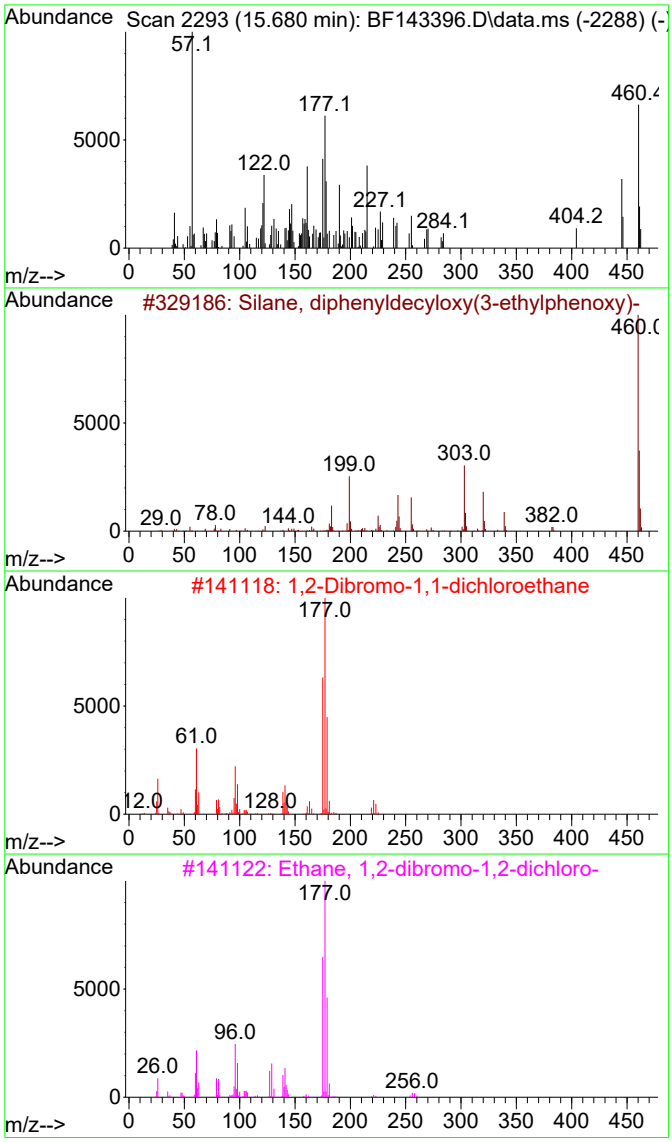
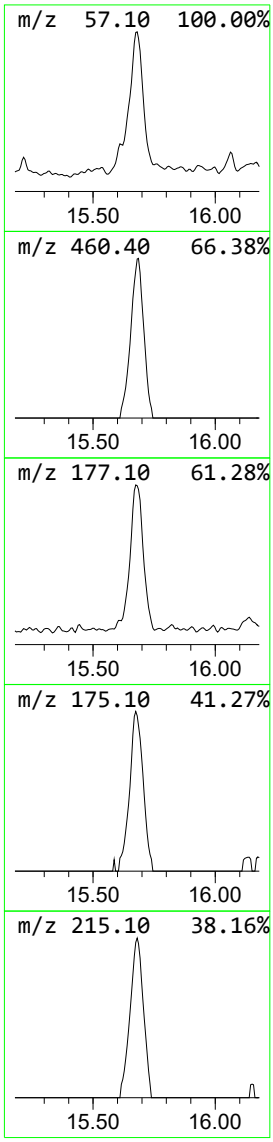
**********

Peak Number 7 unknown15.680 Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.680 | 4.66 ng | 208388 | Perylene-d12 | 15.592 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Silane, diphenyldecyloxy(3-ethyl... | 460 | C30H40O2Si | 1000367-46-2 | 10 |
| 2 | 1,2-Dibromo-1,1-dichloroethane | 254 | C2H2Br2Cl2 | 000075-81-0 | 10 |
| 3 | Ethane, 1,2-dibromo-1,2-dichloro- | 254 | C2H2Br2Cl2 | 000683-68-1 | 10 |
| 4 | Benzene, 1,4-bis(3-phenylindol-2... | 460 | C34H24N2 | 164936-88-3 | 9 |
| 5 | Diethylstilbestrol, bis(trifluor... | 460 | C22H18F6O4 | 1000364-77-0 | 9 |



Tentatively Identified Compound (LSC) summary

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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... | 2.293 | 96.9 | ng | 4414600 | 1 | 6.934 | 910914 | 20.0 |
| 2-Pentanone, 4-... | 5.169 | 9.8 | ng | 447797 | 1 | 6.934 | 910914 | 20.0 |
| Hexanoic acid, ... | 7.634 | 21.4 | ng | 1309550 | 2 | 8.210 | 1223460 | 20.0 |
| 1-(1-tert-Butox... | 8.434 | 2.8 | ng | 169139 | 2 | 8.210 | 1223460 | 20.0 |
| 2-Propanol, 1-(... | 8.457 | 5.5 | ng | 333290 | 2 | 8.210 | 1223460 | 20.0 |
| unknown8.581 | 8.581 | 4.7 | ng | 288744 | 2 | 8.210 | 1223460 | 20.0 |
| unknown15.680 | 15.680 | 4.7 | ng | 208388 | 6 | 15.592 | 895139 | 20.0 |