LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
Data File : BF130354.D
Acq On : 20 Sep 2022 20:35
Operator : CG\JU
Sample : N4630-06 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
WC-17-4-2

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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130354.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.263 | 537 | 540 | 548 | rVB | 240888 | 255660 | 12.45% | 1.570% |
| 2 | 5.904 | 646 | 649 | 655 | rVB2 | 100859 | 117267 | 5.71% | 0.720% |
| 3 | 6.098 | 675 | 682 | 684 | rBV2 | 66702 | 90881 | 4.43% | 0.558% |
| 4 | 6.187 | 694 | 697 | 700 | rBV3 | 79325 | 79992 | 3.89% | 0.491% |
| 5 | 6.304 | 715 | 717 | 724 | rBV | 240685 | 292944 | 14.26% | 1.799% |
| 6 | 6.398 | 729 | 733 | 737 | rBV4 | 46952 | 75061 | 3.65% | 0.461% |
| 7 | 6.663 | 774 | 778 | 784 | rVB2 | 652394 | 633773 | 30.86% | 3.893% |
| 8 | 6.787 | 796 | 799 | 801 | rBV | 75494 | 75472 | 3.67% | 0.464% |
| 9 | 6.810 | 801 | 803 | 807 | rVB | 99947 | 88951 | 4.33% | 0.546% |
| 10 | 6.940 | 819 | 825 | 829 | rVB3 | 103196 | 149002 | 7.26% | 0.915% |
| 11 | 7.010 | 834 | 837 | 839 | rBV | 89247 | 80496 | 3.92% | 0.494% |
| 12 | 7.057 | 842 | 845 | 848 | rBV3 | 89160 | 81417 | 3.96% | 0.500% |
| 13 | 7.098 | 848 | 852 | 857 | rVB3 | 76641 | 97877 | 4.77% | 0.601% |
| 14 | 7.204 | 862 | 870 | 871 | rBV4 | 74451 | 154125 | 7.50% | 0.947% |
| 15 | 7.222 | 871 | 873 | 875 | rVV | 142419 | 97932 | 4.77% | 0.602% |
| 16 | 7.310 | 883 | 888 | 892 | rBV5 | 77493 | 145321 | 7.08% | 0.893% |
| 17 | 7.416 | 904 | 906 | 909 | rBV | 71102 | 73839 | 3.60% | 0.454% |
| 18 | 7.469 | 913 | 915 | 917 | rVB2 | 100821 | 75205 | 3.66% | 0.462% |
| 19 | 7.581 | 933 | 934 | 939 | rVB4 | 83354 | 74530 | 3.63% | 0.458% |
| 20 | 7.634 | 940 | 943 | 945 | rVV | 77447 | 72076 | 3.51% | 0.443% |
| 21 | 7.692 | 948 | 953 | 956 | rVV | 358627 | 417673 | 20.34% | 2.566% |
| 22 | 7.722 | 956 | 958 | 963 | rVV | 334751 | 310604 | 15.12% | 1.908% |
| 23 | 7.763 | 963 | 965 | 970 | rVB2 | 127599 | 126601 | 6.16% | 0.778% |
| 24 | 7.886 | 983 | 986 | 991 | rBV5 | 81596 | 130023 | 6.33% | 0.799% |
| 25 | 7.945 | 991 | 996 | 1000 | rVV | 746638 | 675897 | 32.91% | 4.152% |
| 26 | 8.010 | 1005 | 1007 | 1010 | rVB | 169405 | 130035 | 6.33% | 0.799% |
| 27 | 8.239 | 1041 | 1046 | 1049 | rBV3 | 118630 | 113004 | 5.50% | 0.694% |
| 28 | 8.298 | 1052 | 1056 | 1059 | rVV3 | 160727 | 238060 | 11.59% | 1.462% |
| 29 | 8.351 | 1063 | 1065 | 1067 | rVV | 88962 | 90672 | 4.41% | 0.557% |
| 30 | 8.375 | 1067 | 1069 | 1070 | rVV | 216043 | 164128 | 7.99% | 1.008% |
| 31 | 8.410 | 1073 | 1075 | 1078 | rVB2 | 140088 | 109670 | 5.34% | 0.674% |
| 32 | 8.445 | 1078 | 1081 | 1084 | rBV | 112062 | 103539 | 5.04% | 0.636% |
| 33 | 8.639 | 1110 | 1114 | 1117 | rVB3 | 84974 | 119319 | 5.81% | 0.733% |
| 34 | 8.728 | 1126 | 1129 | 1131 | rBV4 | 55589 | 73611 | 3.58% | 0.452% |
| 35 | 8.757 | 1131 | 1134 | 1137 | rVB | 194831 | 159397 | 7.76% | 0.979% |
| 36 | 8.822 | 1143 | 1145 | 1148 | rBV | 82590 | 66216 | 3.22% | 0.407% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
Data File : BF130354.D
Acq On : 20 Sep 2022 20:35
Operator : CG\JU
Sample : N4630-06 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
WC-17-4-2

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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 8.857 | 1148 | 1151 | 1155 | rVV3 | 75794 | 74242 | 3.61% | 0.456% |
| 38 | 8.969 | 1167 | 1170 | 1173 | rVV | 257652 | 199613 | 9.72% | 1.226% |
| 39 | 9.022 | 1176 | 1179 | 1182 | rVB | 352753 | 283377 | 13.80% | 1.741% |
| 40 | 9.098 | 1189 | 1192 | 1197 | rBV5 | 89344 | 164229 | 8.00% | 1.009% |
| 41 | 9.404 | 1241 | 1244 | 1246 | rBV2 | 179342 | 177392 | 8.64% | 1.090% |
| 42 | 9.428 | 1246 | 1248 | 1250 | rVB | 391942 | 285076 | 13.88% | 1.751% |
| 43 | 9.557 | 1268 | 1270 | 1274 | rBV3 | 128270 | 162390 | 7.91% | 0.997% |
| 44 | 9.604 | 1276 | 1278 | 1281 | rVB | 292317 | 242731 | 11.82% | 1.491% |
| 45 | 9.645 | 1281 | 1285 | 1287 | rBV3 | 76235 | 109591 | 5.34% | 0.673% |
| 46 | 9.675 | 1287 | 1290 | 1291 | rBV | 197249 | 173725 | 8.46% | 1.067% |
| 47 | 9.698 | 1291 | 1294 | 1297 | rVB2 | 943802 | 872399 | 42.48% | 5.359% |
| 48 | 9.892 | 1325 | 1327 | 1330 | rVB4 | 80129 | 74238 | 3.61% | 0.456% |
| 49 | 9.957 | 1336 | 1338 | 1345 | rBV2 | 192351 | 237012 | 11.54% | 1.456% |
| 50 | 10.016 | 1345 | 1348 | 1349 | rBV2 | 105928 | 88958 | 4.33% | 0.546% |
| 51 | 10.063 | 1353 | 1356 | 1360 | rBV4 | 127910 | 195977 | 9.54% | 1.204% |
| 52 | 10.098 | 1360 | 1362 | 1365 | rBV2 | 220812 | 206937 | 10.08% | 1.271% |
| 53 | 10.233 | 1383 | 1385 | 1387 | rBV2 | 118584 | 138360 | 6.74% | 0.850% |
| 54 | 10.357 | 1402 | 1406 | 1409 | rBV | 689743 | 668292 | 32.54% | 4.105% |
| 55 | 10.486 | 1423 | 1428 | 1430 | rBV4 | 202237 | 340418 | 16.58% | 2.091% |
| 56 | 10.622 | 1446 | 1451 | 1457 | rBV | 1806957 | 2053779 | 100.00% | 12.615% |
| 57 | 11.086 | 1527 | 1530 | 1535 | rVB | 1398255 | 1466609 | 71.41% | 9.009% |
| 58 | 11.180 | 1543 | 1546 | 1548 | rBV | 739029 | 610557 | 29.73% | 3.750% |
| 59 | 11.439 | 1587 | 1590 | 1592 | rBV | 502968 | 429178 | 20.90% | 2.636% |
| 60 | 12.774 | 1814 | 1817 | 1820 | rBV | 1108562 | 1184666 | 57.68% | 7.277% |

Sum of corrected areas: 16280016

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
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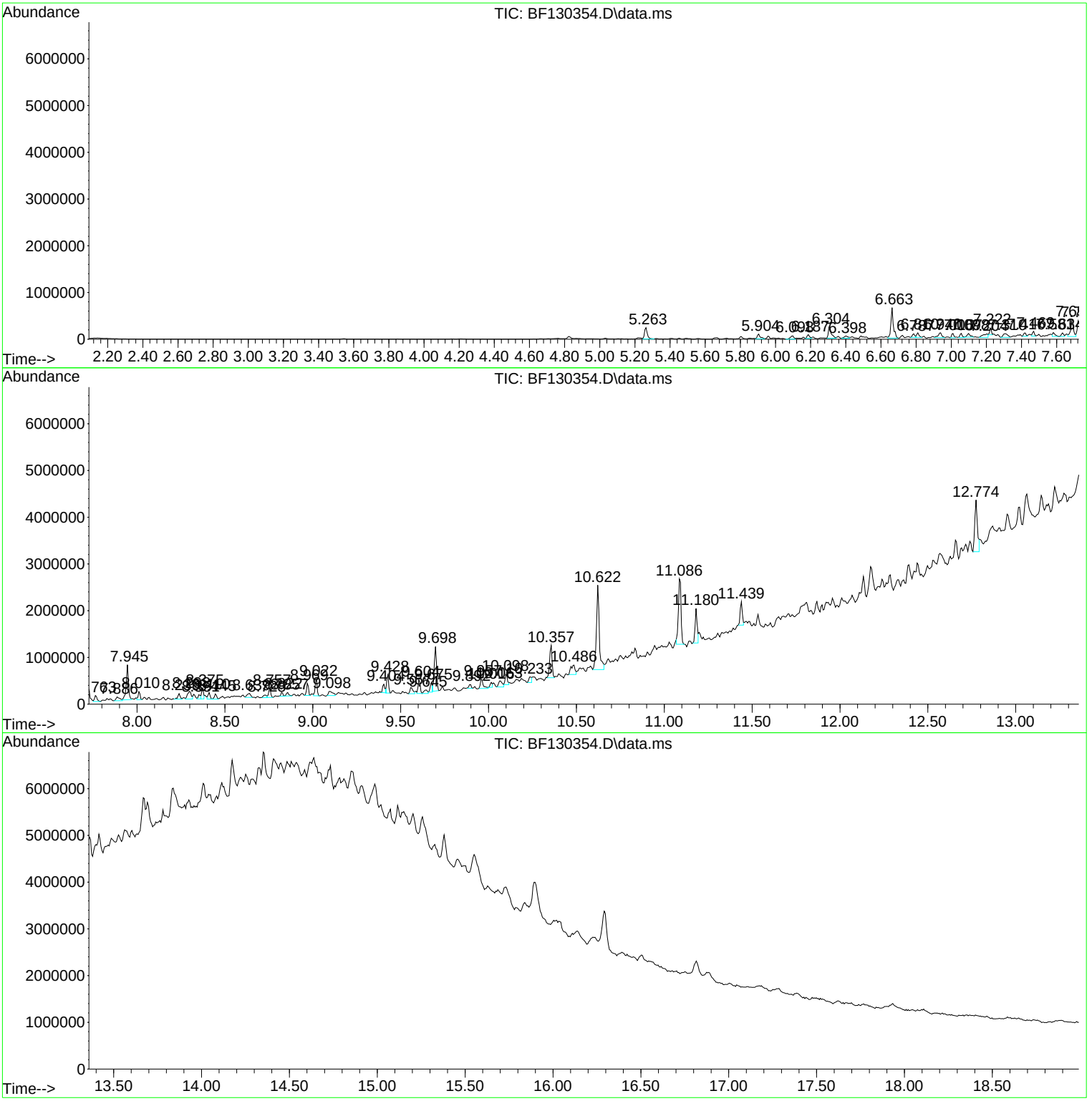
Acq On : 20 Sep 2022 20:35
Operator : CG\JU
Sample : N4630-06 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
WC-17-4-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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\BF092022\
Data File : BF130354.D
Acq On : 20 Sep 2022 20:35
Operator : CG\JU
Sample : N4630-06 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
WC-17-4-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

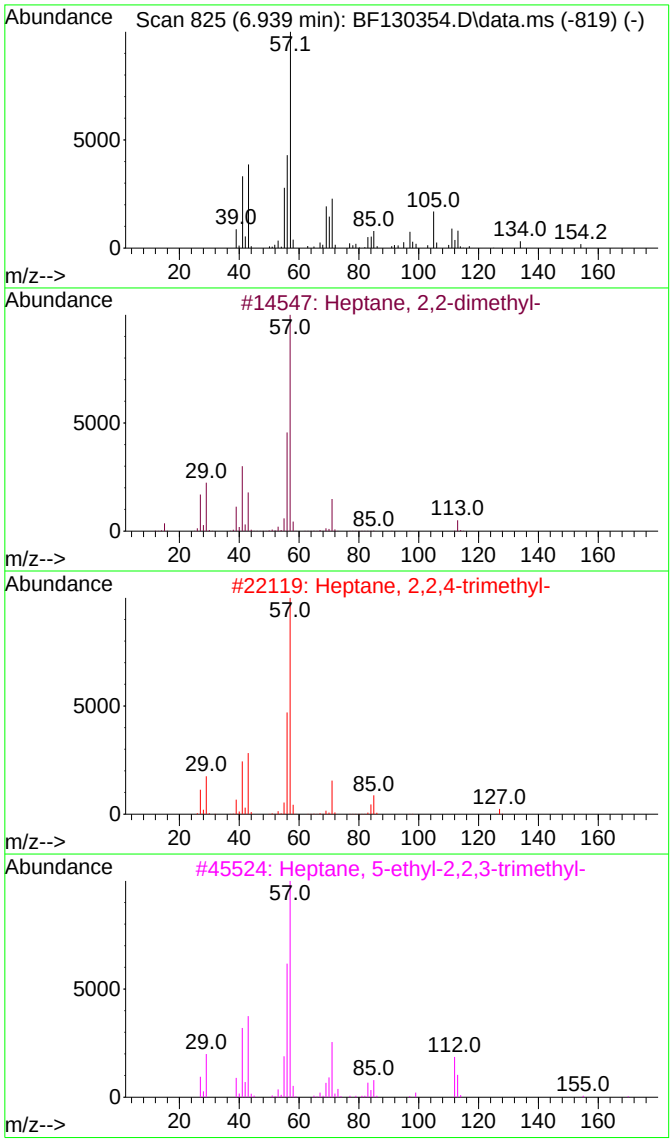
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

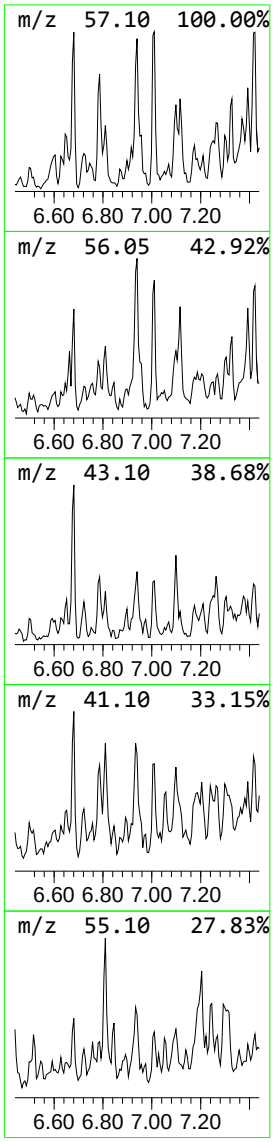
**********

Peak Number 1 Heptane, 2,2-dimethyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.939 | 4.70 ng | 149002 | 1,4-Dichlorobenzene-d4 | 6.663 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptane, 2,2-dimethyl- | 128 | C9H20 | 001071-26-7 | 53 |
| 2 | Heptane, 2,2,4-trimethyl- | 142 | C10H22 | 014720-74-2 | 50 |
| 3 | Heptane, 5-ethyl-2,2,3-trimethyl- | 170 | C12H26 | 062199-06-8 | 45 |
| 4 | 2-Undecene, 6-methyl-, (Z)- | 168 | C12H24 | 074630-43-6 | 43 |
| 5 | Hexane, 2,2,5-trimethyl- | 128 | C9H20 | 003522-94-9 | 42 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
Data File : BF130354.D
Acq On : 20 Sep 2022 20:35
Operator : CG\JU
Sample : N4630-06 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
WC-17-4-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

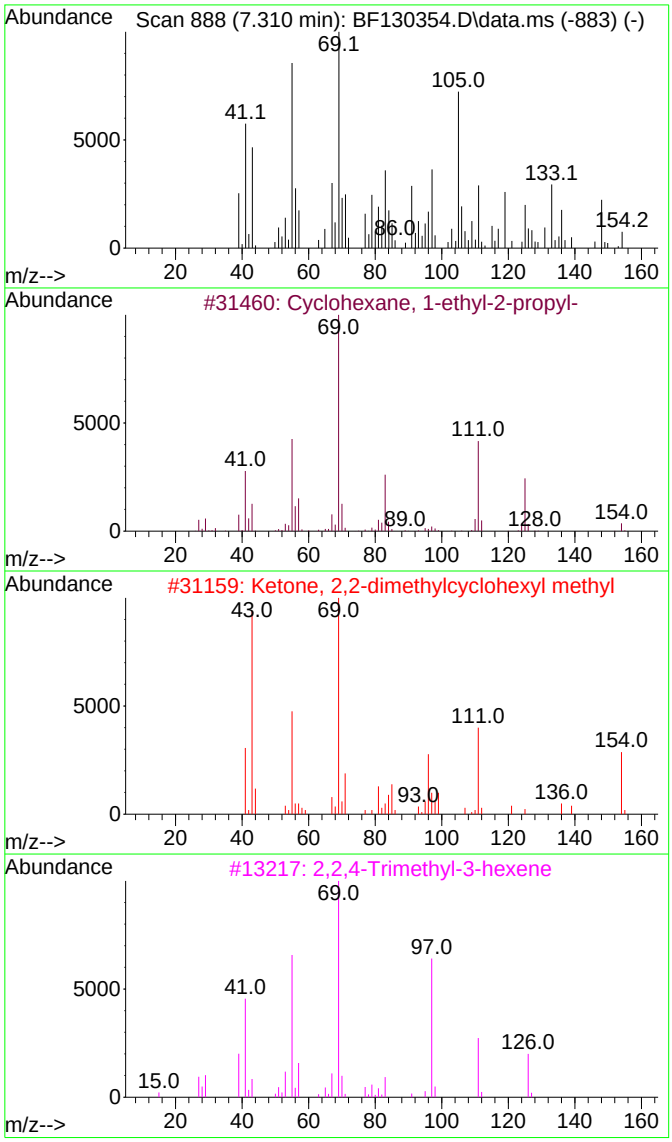
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

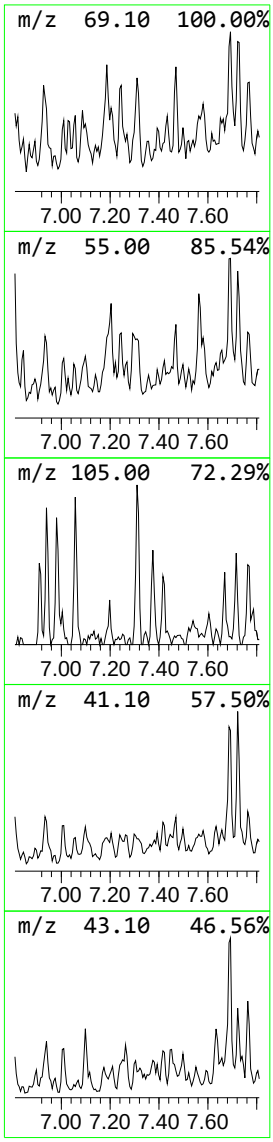
**********

Peak Number 2 unknown7.310 Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.310 | 4.30 ng | 145321 | Naphthalene-d8 | 7.945 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1-ethyl-2-propyl- | 154 | C11H22 | 062238-33-9 | 38 |
| 2 | Ketone, 2,2-dimethylcyclohexyl m... | 154 | C10H18O | 017983-26-5 | 38 |
| 3 | 2,2,4-Trimethyl-3-hexene | 126 | C9H18 | 059643-72-0 | 35 |
| 4 | 4-Decene, 4-methyl-, (E)- | 154 | C11H22 | 060366-66-7 | 35 |
| 5 | Cyclohexane, 1,2-diethyl-3-methyl- | 154 | C11H22 | 061141-80-8 | 30 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
Data File : BF130354.D
Acq On : 20 Sep 2022 20:35
Operator : CG\JU
Sample : N4630-06 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
WC-17-4-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

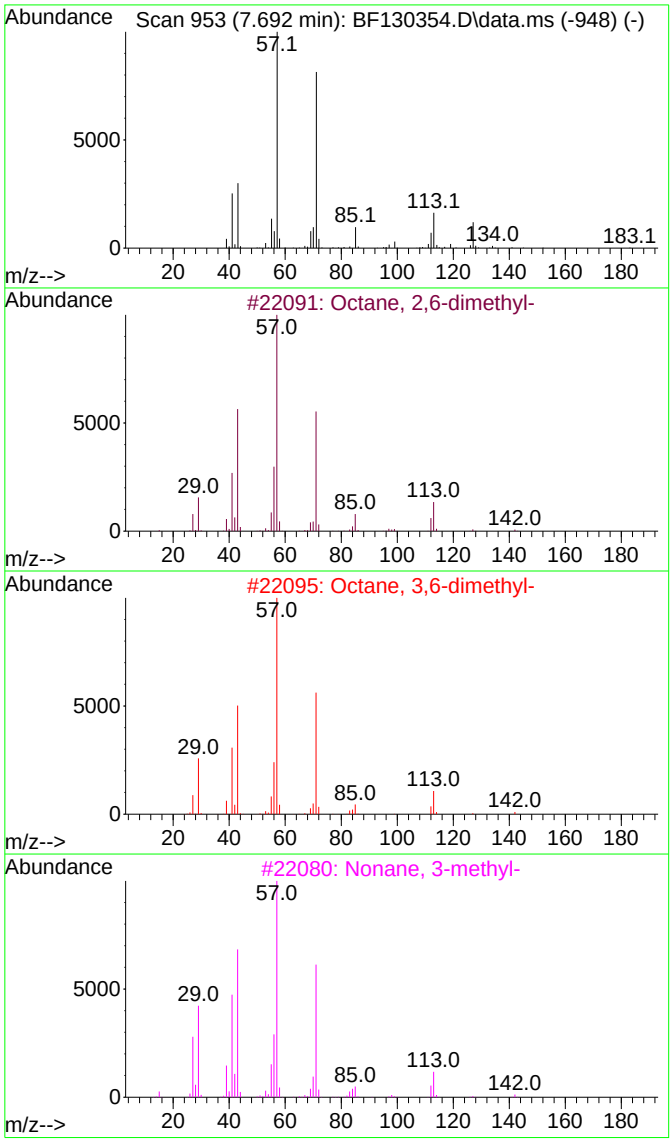
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

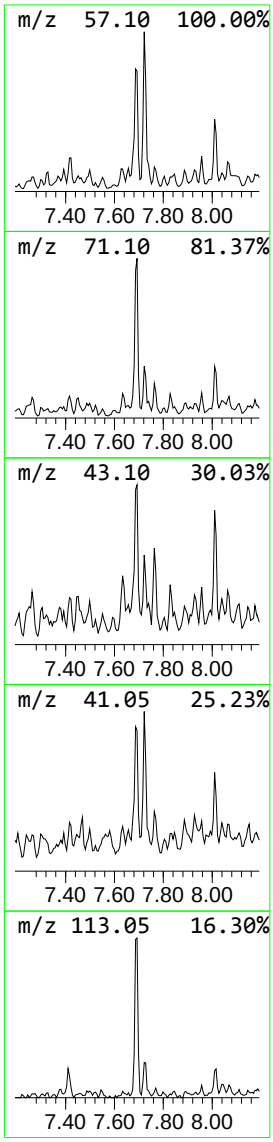
**********

Peak Number 3 Octane, 2,6-dimethyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.692 | 12.36 ng | 417673 | Naphthalene-d8 | 7.945 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octane, 2,6-dimethyl- | 142 | C10H22 | 002051-30-1 | 78 |
| 2 | Octane, 3,6-dimethyl- | 142 | C10H22 | 015869-94-0 | 78 |
| 3 | Nonane, 3-methyl- | 142 | C10H22 | 005911-04-6 | 78 |
| 4 | Sulfurous acid, 2-ethylhexyl hex... | 278 | C14H30O3S | 1000309-20-2 | 72 |
| 5 | Tridecane, 7-methyl- | 198 | C14H30 | 026730-14-3 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
Data File : BF130354.D
Acq On : 20 Sep 2022 20:35
Operator : CG\JU
Sample : N4630-06 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
WC-17-4-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

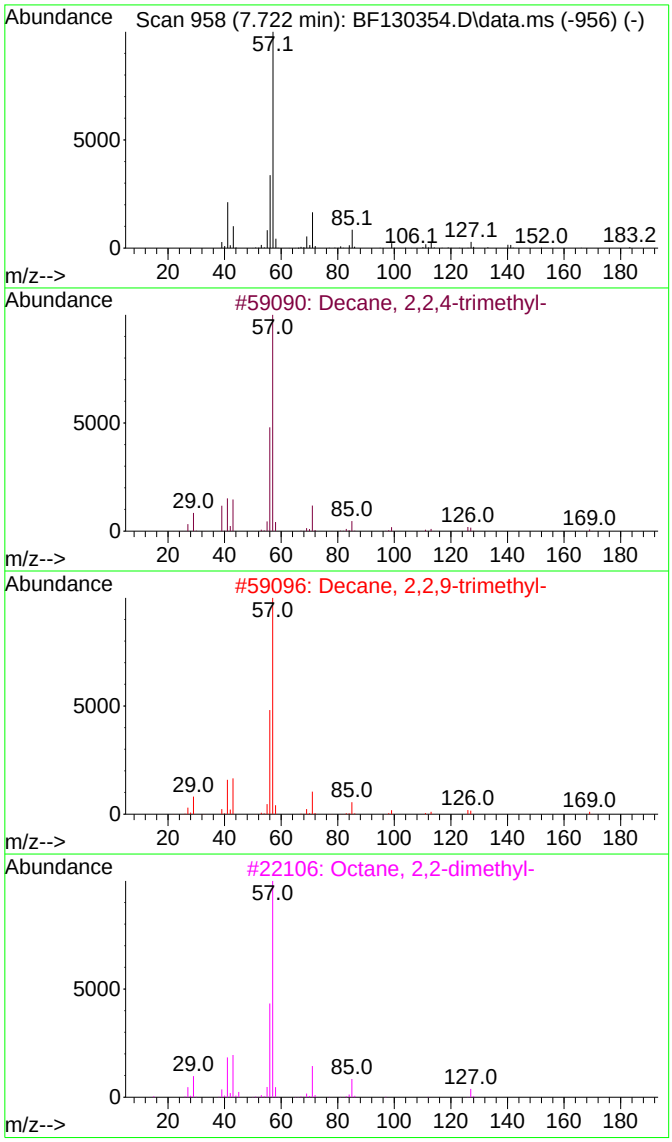
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

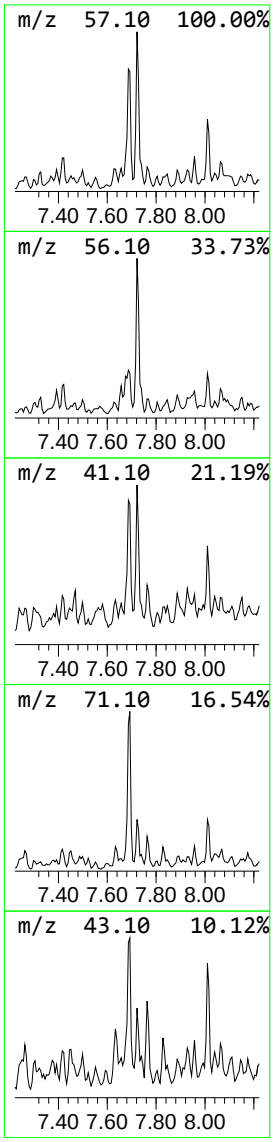
**********

Peak Number 4 Decane, 2,2,4-trimethyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.722 | 9.19 ng | 310604 | Naphthalene-d8 | 7.945 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane, 2,2,4-trimethyl- | 184 | C13H28 | 062237-98-3 | 72 |
| 2 | Decane, 2,2,9-trimethyl- | 184 | C13H28 | 062238-00-0 | 72 |
| 3 | Octane, 2,2-dimethyl- | 142 | C10H22 | 015869-87-1 | 64 |
| 4 | Heptane, 4-ethyl-2,2,6,6-tetrame... | 184 | C13H28 | 062108-31-0 | 64 |
| 5 | Heptane, 2,2,4-trimethyl- | 142 | C10H22 | 014720-74-2 | 64 |



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Data File : BF130354.D
Acq On : 20 Sep 2022 20:35
Operator : CG\JU
Sample : N4630-06 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
WC-17-4-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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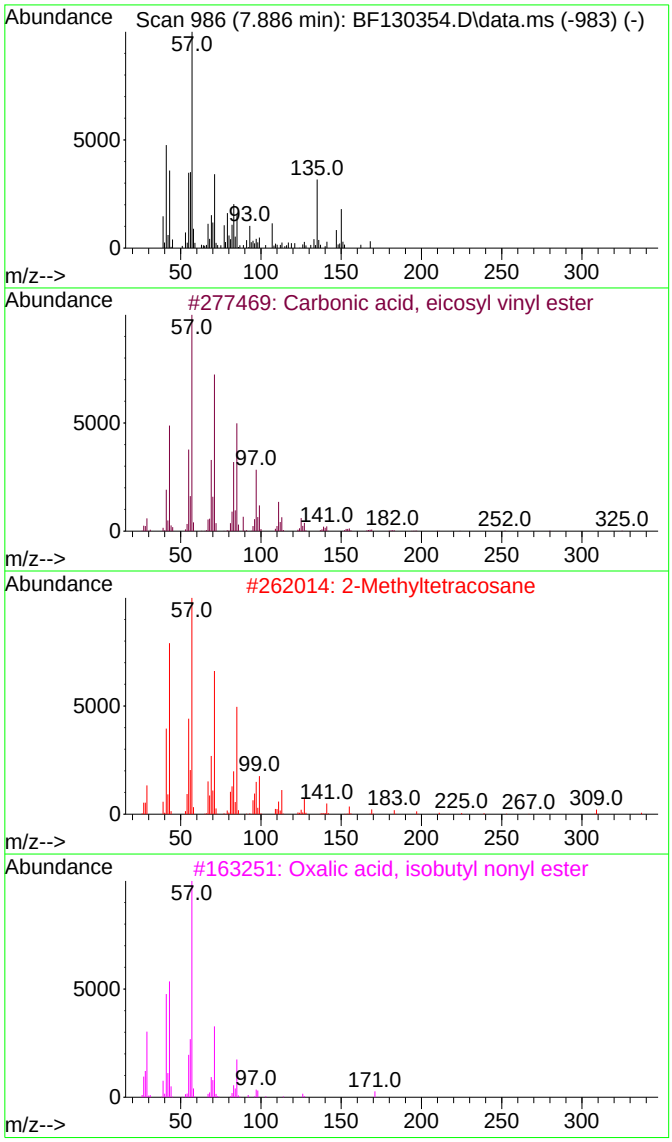
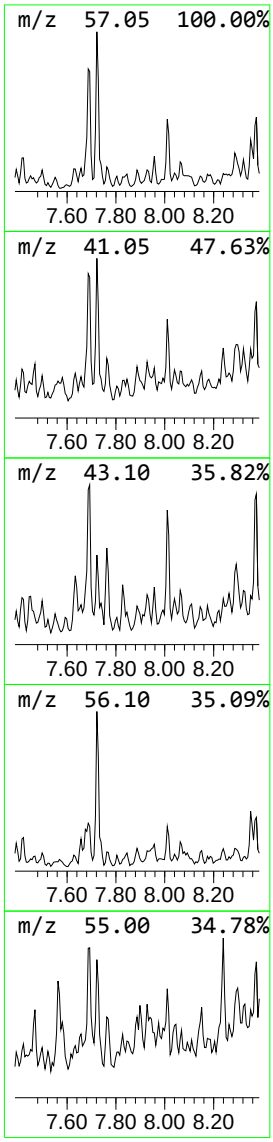
Peak Number 5 unknown7.886 Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.886 | 3.85 ng | 130023 | Naphthalene-d8 | 7.945 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 35 |
| 2 | 2-Methyltetracosane | 352 | C25H52 | 001560-78-7 | 35 |
| 3 | Oxalic acid, isobutyl nonyl ester | 272 | C15H28O4 | 1010309-37-4 | 35 |
| 4 | 1-Pentanol, 2-ethyl-4-methyl- | 130 | C8H18O | 000106-67-2 | 27 |
| 5 | Tetracontane, 3,5,24-trimethyl- | 605 | C43H88 | 055162-61-3 | 27 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
Data File : BF130354.D
Acq On : 20 Sep 2022 20:35
Operator : CG\JU
Sample : N4630-06 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
WC-17-4-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

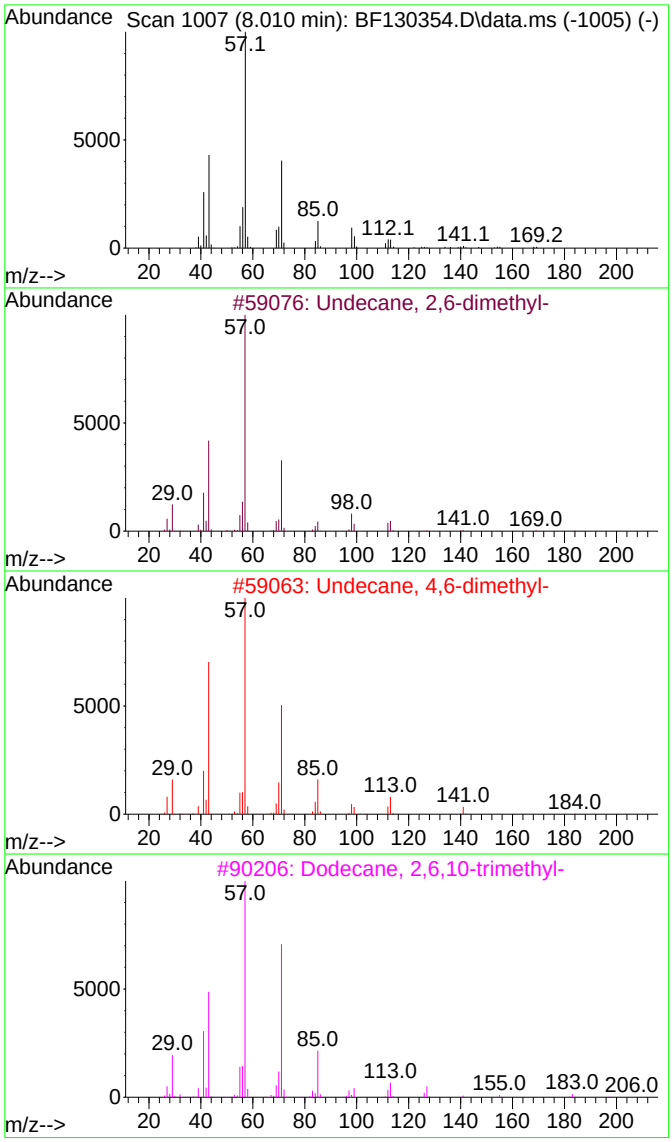
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

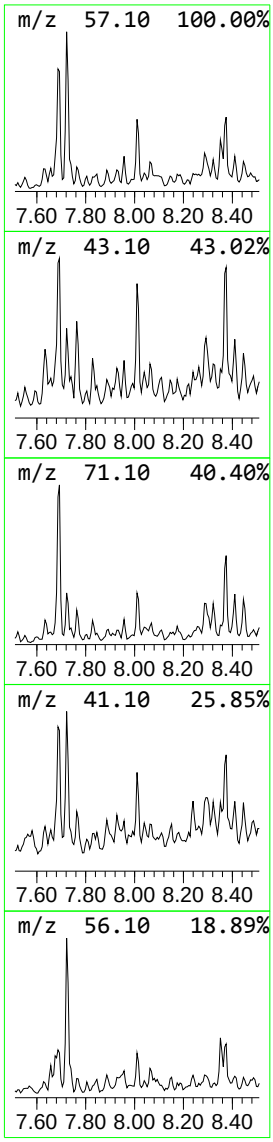
**********

Peak Number 6 Undecane, 2,6-dimethyl- Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.010 | 3.85 ng | 130035 | Naphthalene-d8 | 7.945 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Undecane, 2,6-dimethyl- | 184 | C13H28 | 017301-23-4 | 78 |
| 2 | Undecane, 4,6-dimethyl- | 184 | C13H28 | 017312-82-2 | 64 |
| 3 | Dodecane, 2,6,10-trimethyl- | 212 | C15H32 | 003891-98-3 | 64 |
| 4 | Sulfurous acid, butyl 2-ethylhex... | 250 | C12H26O3S | 1000309-18-8 | 59 |
| 5 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
Data File : BF130354.D
Acq On : 20 Sep 2022 20:35
Operator : CG\JU
Sample : N4630-06 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
WC-17-4-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

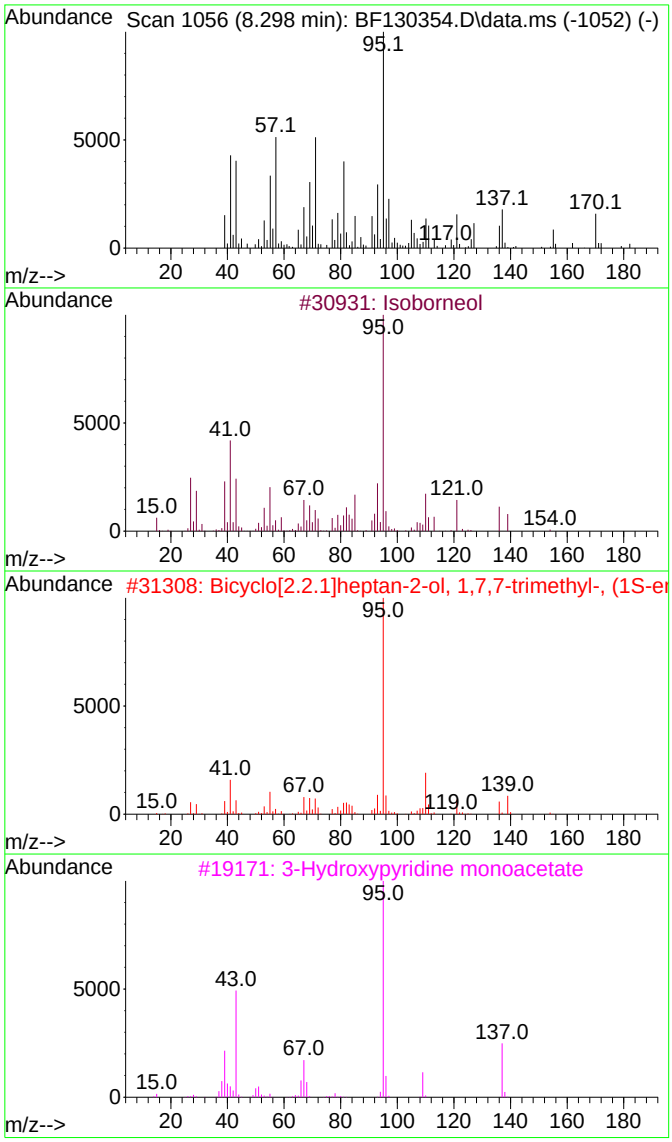
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

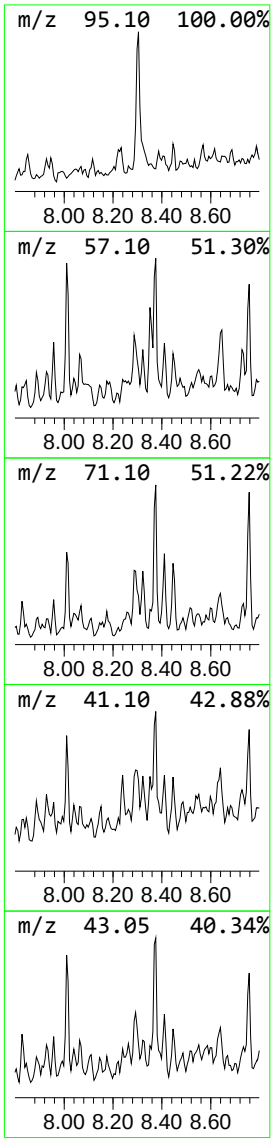
**********

Peak Number 7 Isoborneol Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.298 | 7.04 ng | 238060 | Naphthalene-d8 | 7.945 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Isoborneol | 154 | C10H18O | 000124-76-5 | 55 |
| 2 | Bicyclo[2.2.1]heptan-2-ol, 1,7,7... | 154 | C10H18O | 000464-45-9 | 38 |
| 3 | 3-Hydroxypyridine monoacetate | 137 | C7H7NO2 | 017747-43-2 | 30 |
| 4 | Ketone, 1,5-dimethylbicyclo[2.1.... | 138 | C9H14O | 024081-57-0 | 30 |
| 5 | 2,4-Hexadiene, 2,3-dimethyl- | 110 | C8H14 | 005678-98-8 | 27 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
Data File : BF130354.D
Acq On : 20 Sep 2022 20:35
Operator : CG\JU
Sample : N4630-06 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
WC-17-4-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

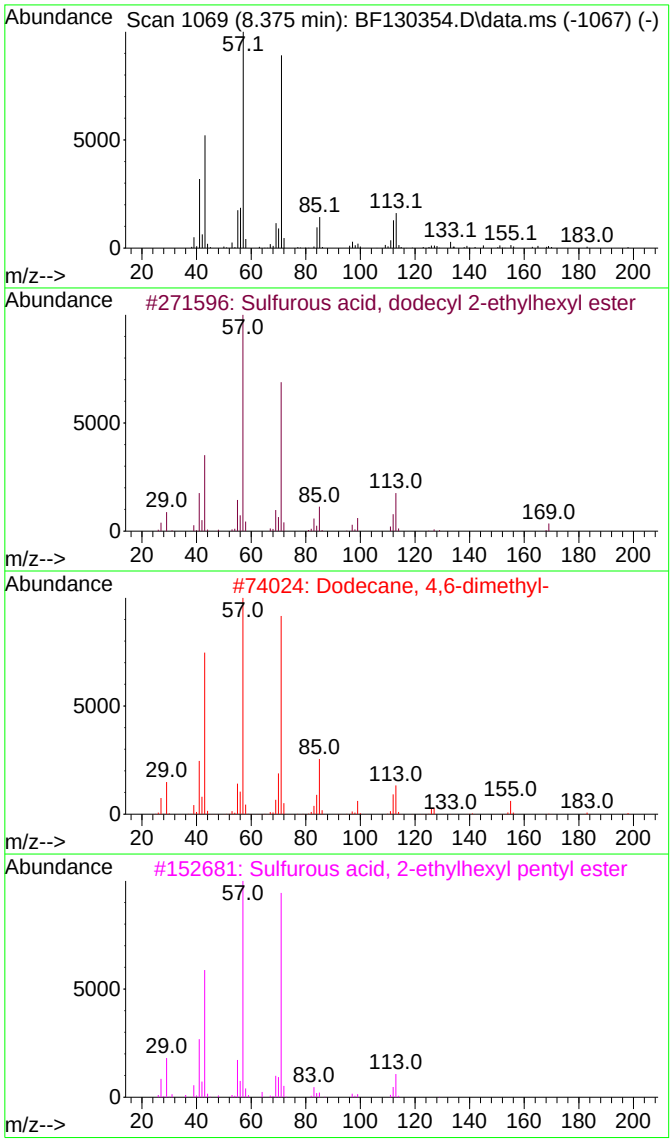
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

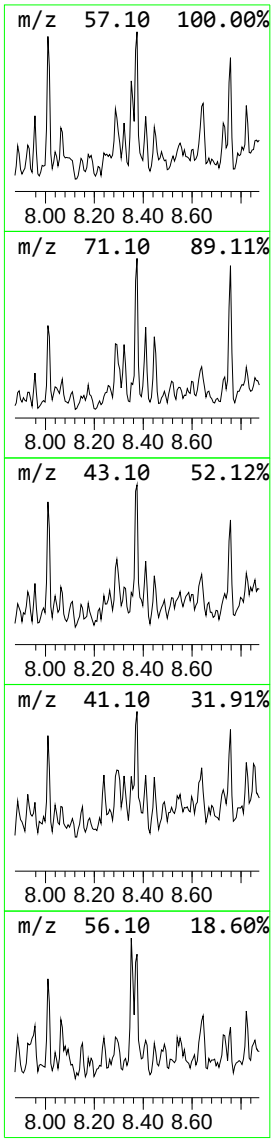
**********

Peak Number 8 Sulfurous acid, dodecyl 2-e... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.375 | 4.86 ng | 164128 | Naphthalene-d8 | 7.945 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Sulfurous acid, dodecyl 2-ethylh... | 362 | C20H42O3S | 1000309-19-5 | 90 |
| 2 | Dodecane, 4,6-dimethyl- | 198 | C14H30 | 061141-72-8 | 80 |
| 3 | Sulfurous acid, 2-ethylhexyl pen... | 264 | C13H28O3S | 1000309-18-9 | 80 |
| 4 | Octane, 2,6-dimethyl- | 142 | C10H22 | 002051-30-1 | 78 |
| 5 | Nonane, 5-propyl- | 170 | C12H26 | 000998-35-6 | 72 |



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Data File : BF130354.D
Acq On : 20 Sep 2022 20:35
Operator : CG\JU
Sample : N4630-06 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
WC-17-4-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

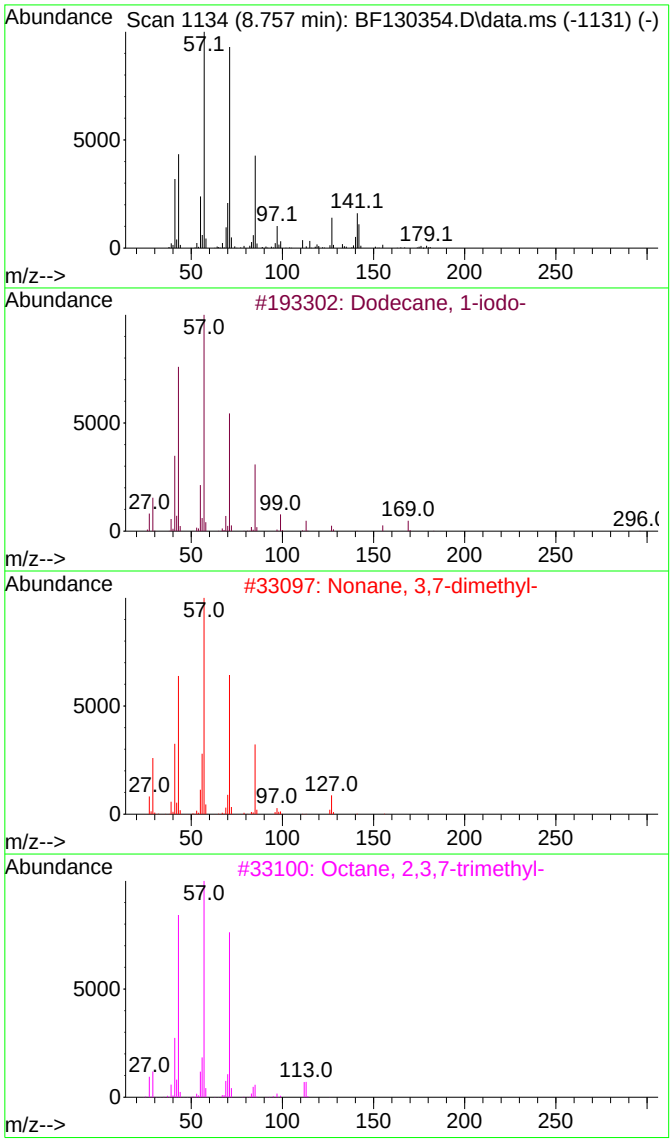
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

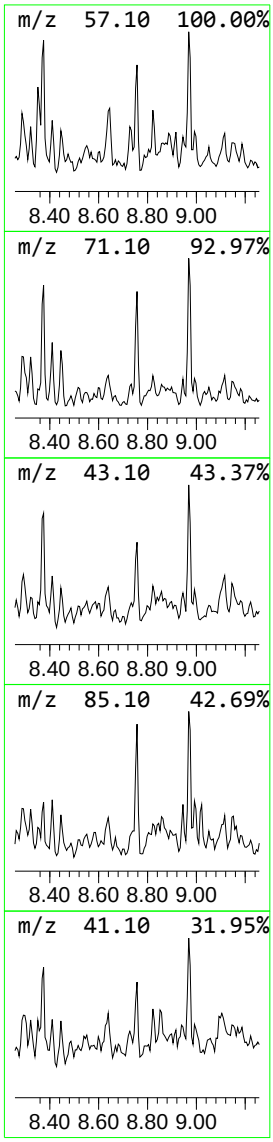
**********

Peak Number 9 Dodecane, 1-iodo- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.757 | 4.72 ng | 159397 | Naphthalene-d8 | 7.945 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane, 1-iodo- | 296 | C12H25I | 004292-19-7 | 53 |
| 2 | Nonane, 3,7-dimethyl- | 156 | C11H24 | 017302-32-8 | 43 |
| 3 | Octane, 2,3,7-trimethyl- | 156 | C11H24 | 062016-34-6 | 43 |
| 4 | Octane, 1,1'-oxybis- | 242 | C16H34O | 000629-82-3 | 43 |
| 5 | Hexadecane | 226 | C16H34 | 000544-76-3 | 42 |



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Data File : BF130354.D
Acq On : 20 Sep 2022 20:35
Operator : CG\JU
Sample : N4630-06 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
WC-17-4-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

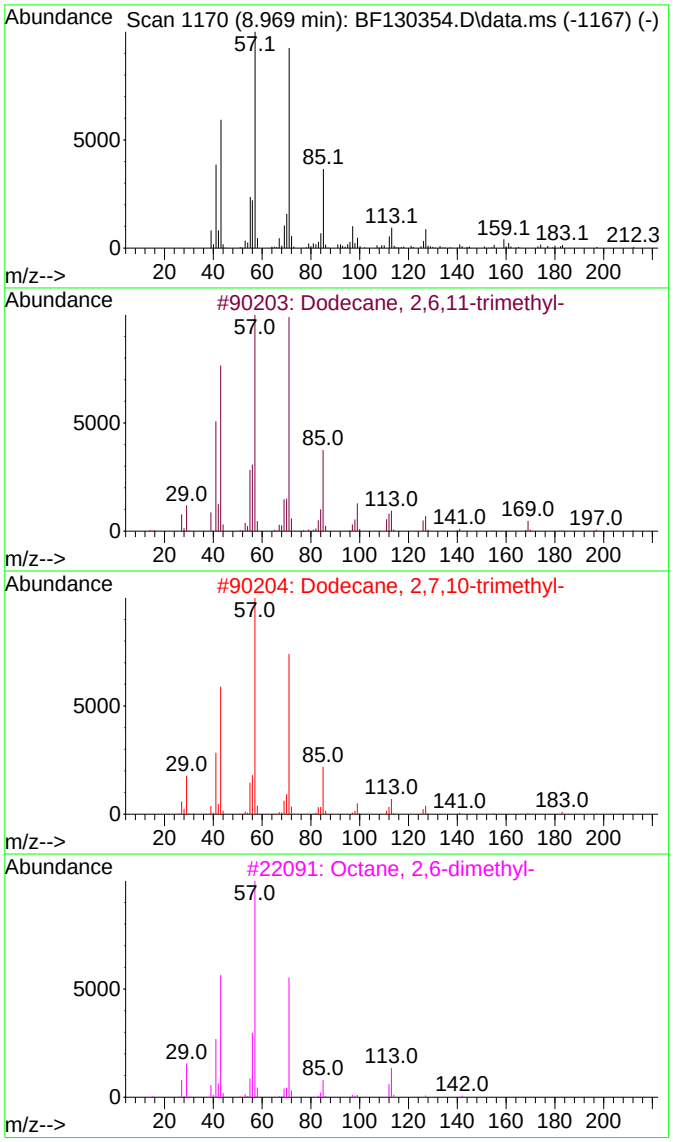
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

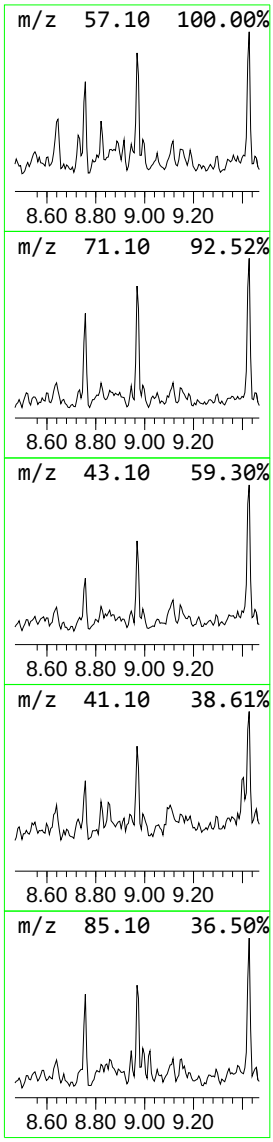
**********

Peak Number 10 Dodecane, 2,6,11-trimethyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.969 | 4.58 ng | 199613 | Acenaphthene-d10 | 9.698 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane, 2,6,11-trimethyl- | 212 | C15H32 | 031295-56-4 | 87 |
| 2 | Dodecane, 2,7,10-trimethyl- | 212 | C15H32 | 074645-98-0 | 86 |
| 3 | Octane, 2,6-dimethyl- | 142 | C10H22 | 002051-30-1 | 80 |
| 4 | Dodecane, 2,6,10-trimethyl- | 212 | C15H32 | 003891-98-3 | 72 |
| 5 | Sulfurous acid, 2-ethylhexyl pen... | 264 | C13H28O3S | 1000309-18-9 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
Data File : BF130354.D
Acq On : 20 Sep 2022 20:35
Operator : CG\JU
Sample : N4630-06 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
WC-17-4-2

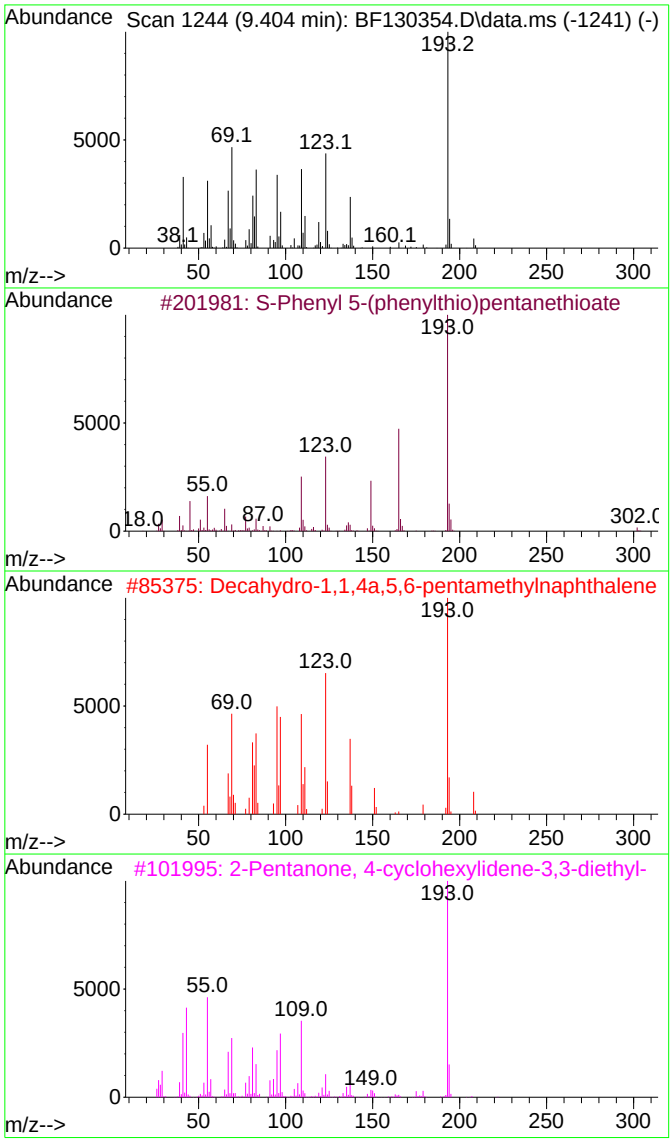
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

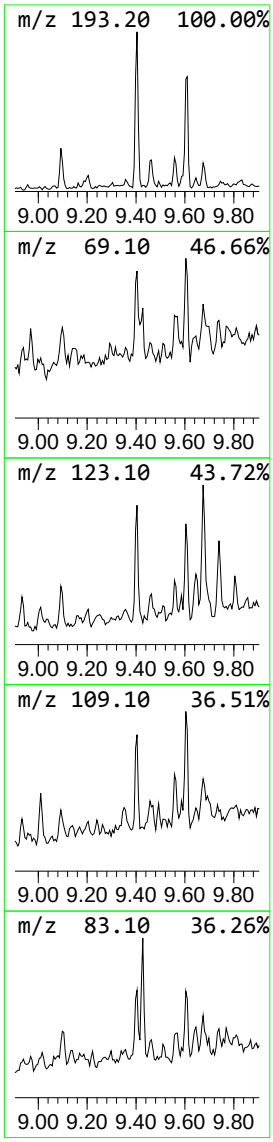
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 S-Phenyl 5-(phenylthio)pent... Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.404 | 4.07 ng | 177392 | Acenaphthene-d10 | 9.698 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | S-Phenyl 5-(phenylthio)pentaneth... | 302 | C17H18OS2 | 1000234-40-7 | 50 |
| 2 | Decahydro-1,1,4a,5,6-pentamethyl... | 208 | C15H28 | 080655-44-3 | 41 |
| 3 | 2-Pentanone, 4-cyclohexylidene-3... | 222 | C15H26O | 313253-65-5 | 40 |
| 4 | 2-Anthracenamine | 193 | C14H11N | 000613-13-8 | 35 |
| 5 | 3-Phenylindole | 193 | C14H11N | 001504-16-1 | 35 |



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Acq On : 20 Sep 2022 20:35
Operator : CG\JU
Sample : N4630-06 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
WC-17-4-2

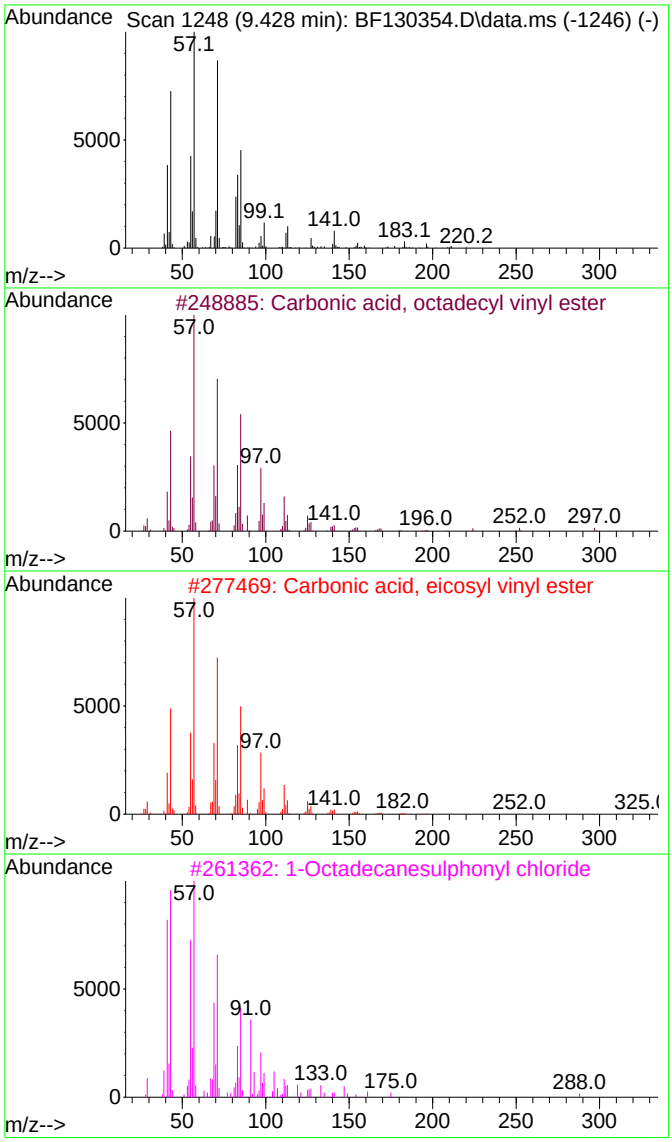
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

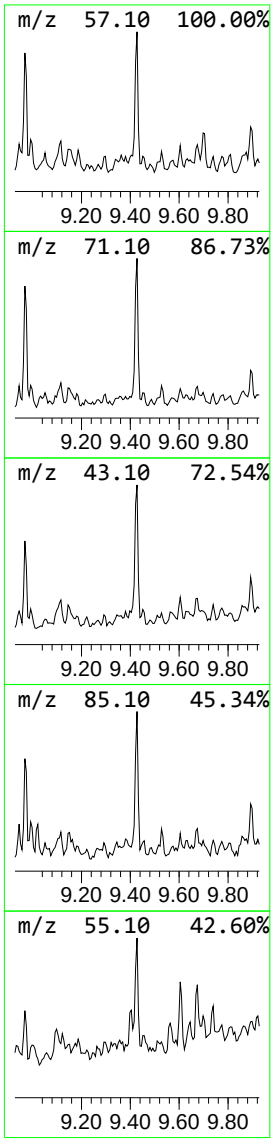
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 Carbonic acid, octadecyl vi... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.428 | 6.54 ng | 285076 | Acenaphthene-d10 | 9.698 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Carbonic acid, octadecyl vinyl e... | 340 | C21H40O3 | 1000382-54-4 | 80 |
| 2 | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 80 |
| 3 | 1-Octadecanesulphonyl chloride | 352 | C18H37ClO2S | 1000342-70-4 | 80 |
| 4 | Decane, 5-propyl- | 184 | C13H28 | 017312-62-8 | 76 |
| 5 | Tetradecane | 198 | C14H30 | 000629-59-4 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
Data File : BF130354.D
Acq On : 20 Sep 2022 20:35
Operator : CG\JU
Sample : N4630-06 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
WC-17-4-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

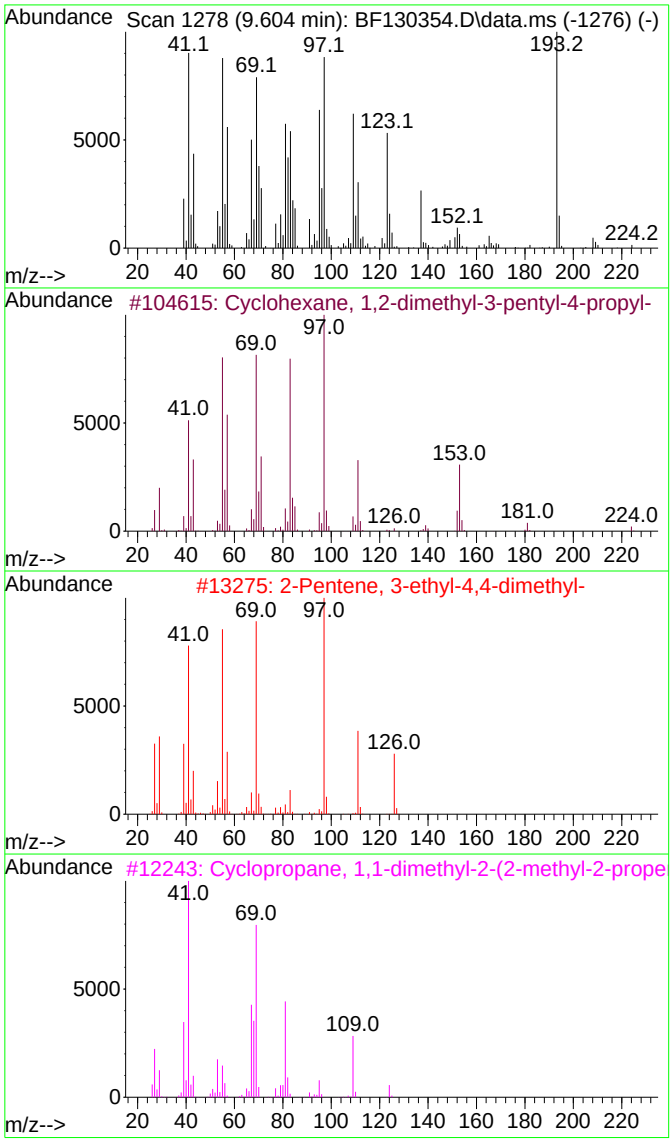
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

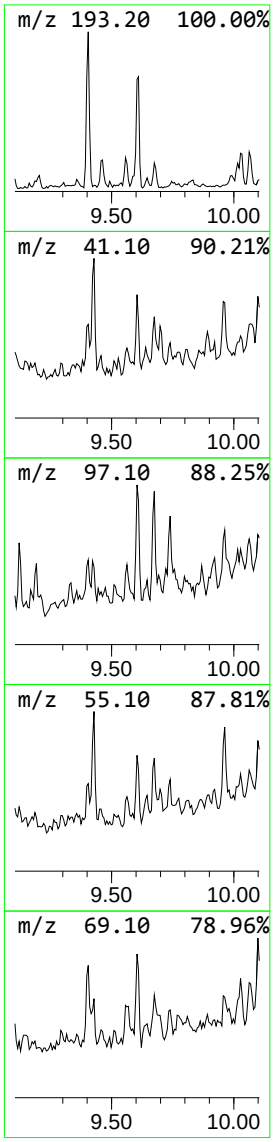
**********

Peak Number 13 unknown9.604 Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.604 | 5.56 ng | 242731 | Acenaphthene-d10 | 9.698 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,2-dimethyl-3-pent... | 224 | C16H32 | 062376-17-4 | 42 |
| 2 | 2-Pentene, 3-ethyl-4,4-dimethyl- | 126 | C9H18 | 053907-59-8 | 27 |
| 3 | Cyclopropane, 1,1-dimethyl-2-(2-... | 124 | C9H16 | 069147-03-1 | 20 |
| 4 | 3-Fluorobenzoic acid, 3-methylbu... | 208 | C12H13FO2 | 154559-38-3 | 18 |
| 5 | 9-Phenanthrenamine | 193 | C14H11N | 000947-73-9 | 18 |



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Data File : BF130354.D
Acq On : 20 Sep 2022 20:35
Operator : CG\JU
Sample : N4630-06 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
WC-17-4-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

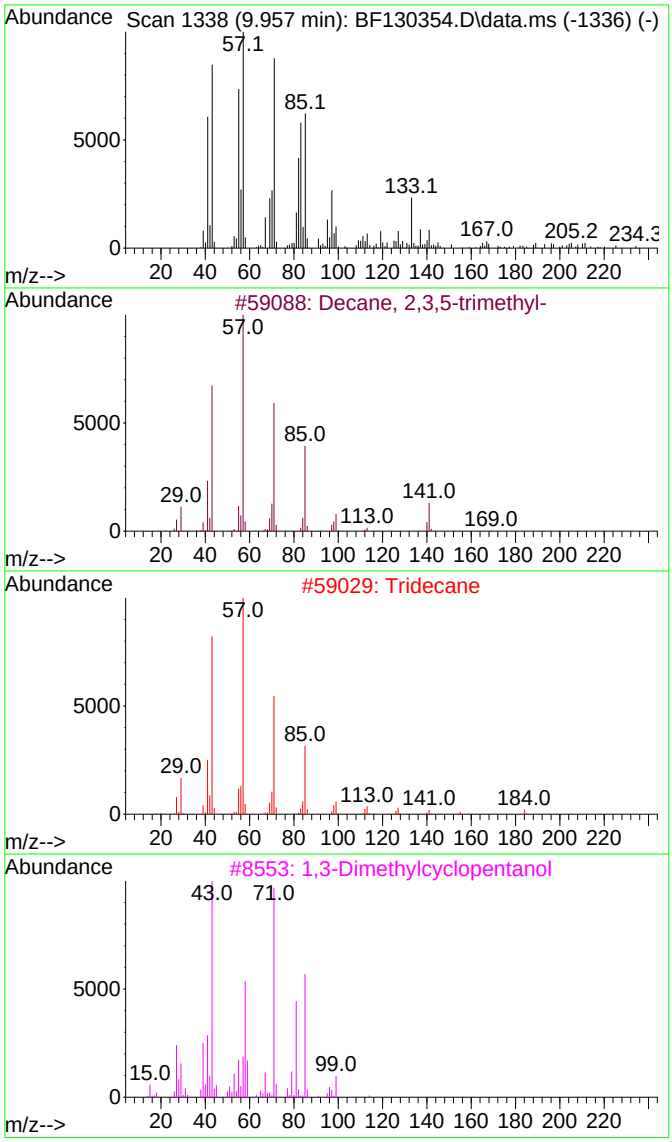
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

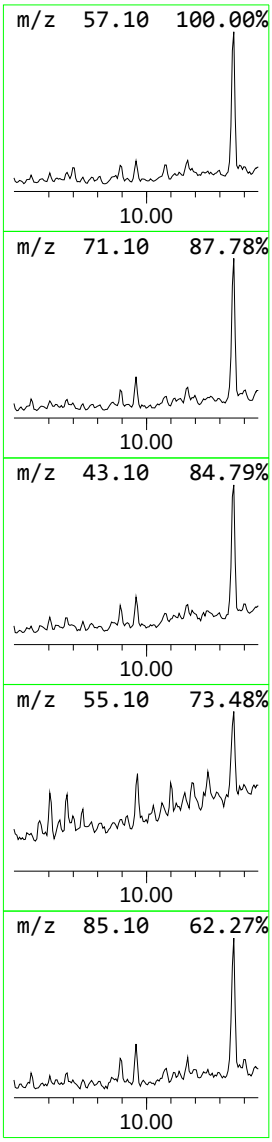
**********

Peak Number 14 unknown9.957 Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.957 | 5.43 ng | 237012 | Acenaphthene-d10 | 9.698 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane, 2,3,5-trimethyl- | 184 | C13H28 | 062238-11-3 | 38 |
| 2 | Tridecane | 184 | C13H28 | 000629-50-5 | 38 |
| 3 | 1,3-Dimethylcyclopentanol | 114 | C7H14O | 019550-46-0 | 38 |
| 4 | Cyclopentane, 1-hexyl-3-methyl- | 168 | C12H24 | 061142-68-5 | 38 |
| 5 | Sulfurous acid, hexyl pentadecyl... | 376 | C21H44O3S | 1000309-13-7 | 22 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
Data File : BF130354.D
Acq On : 20 Sep 2022 20:35
Operator : CG\JU
Sample : N4630-06 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
WC-17-4-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

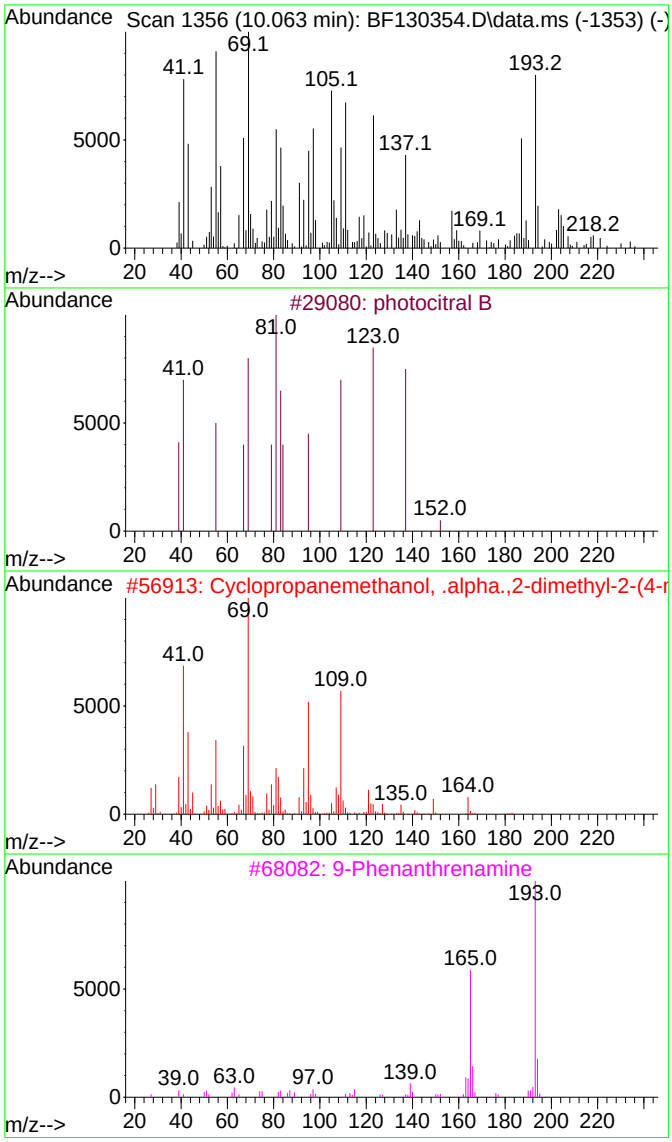
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

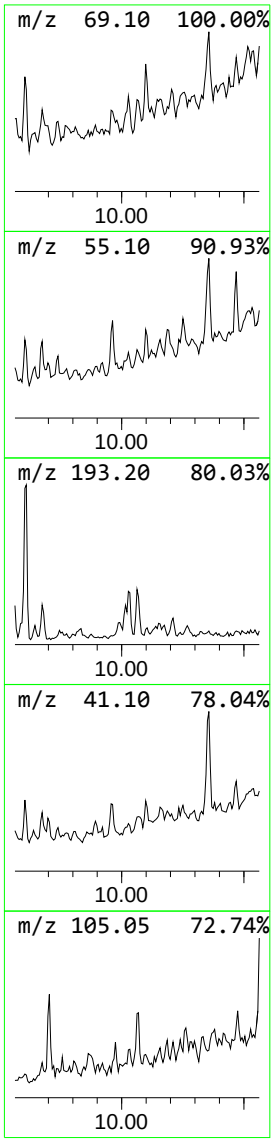
**********

Peak Number 15 unknown10.063 Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.063 | 4.49 ng | 195977 | Acenaphthene-d10 | 9.698 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | photocitral B | 152 | C10H16O | 006040-45-5 | 35 |
| 2 | Cyclopropanemethanol, .alpha.,2-... | 182 | C12H22O | 121959-70-4 | 22 |
| 3 | 9-Phenanthrenamine | 193 | C14H11N | 000947-73-9 | 18 |
| 4 | 5-Methylisoxazol-3-trifluoroacet... | 194 | C6H5F3N2O2 | 211429-86-6 | 18 |
| 5 | .beta.-Bisabolene | 204 | C15H24 | 000495-61-4 | 15 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
Data File : BF130354.D
Acq On : 20 Sep 2022 20:35
Operator : CG\JU
Sample : N4630-06 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
WC-17-4-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

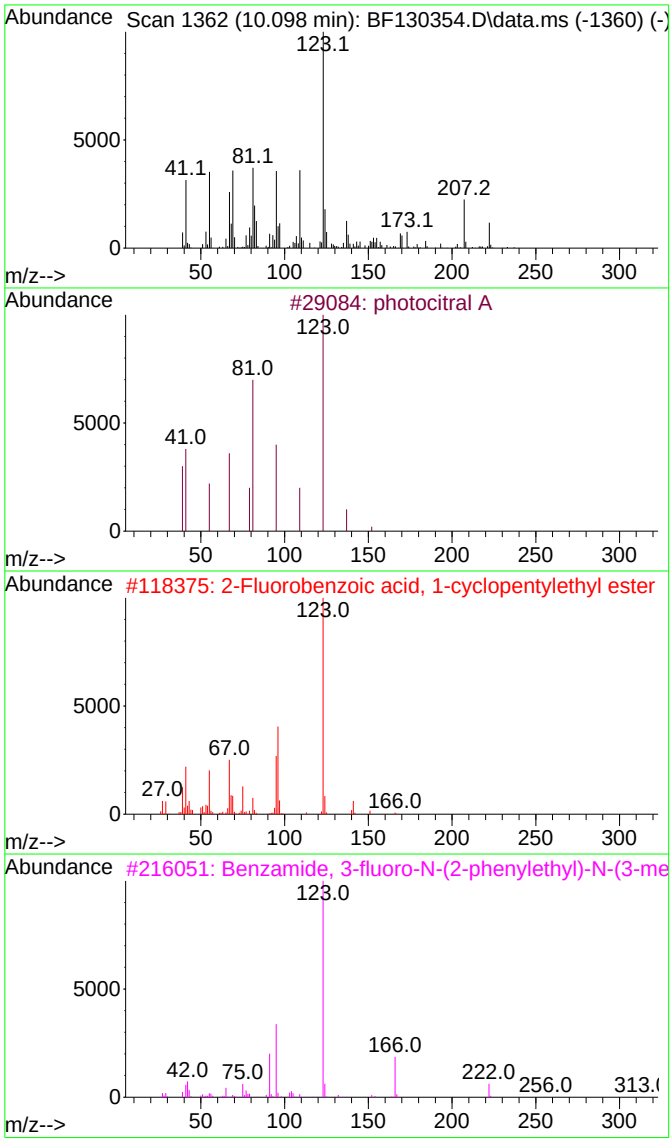
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

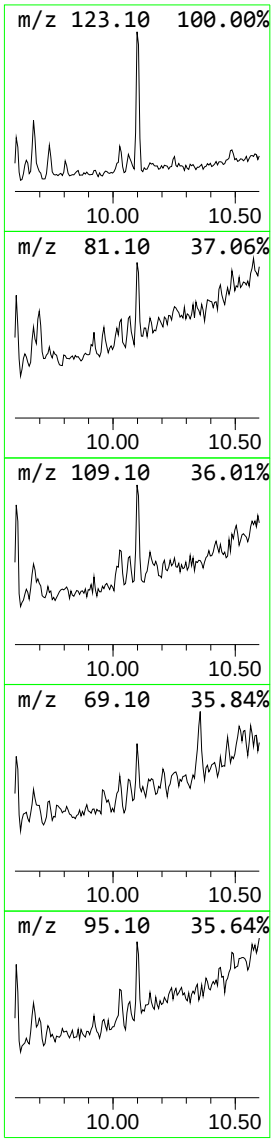
**********

Peak Number 16 unknown10.098 Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.098 | 4.74 ng | 206937 | Acenaphthene-d10 | 9.698 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | photocitral A | 152 | C10H16O | 055253-28-6 | 49 |
| 2 | 2-Fluorobenzoic acid, 1-cyclopen... | 236 | C14H17FO2 | 1000278-98-2 | 47 |
| 3 | Benzamide, 3-fluoro-N-(2-phenyle... | 313 | C20H24FNO | 1000451-30-4 | 47 |
| 4 | 2-Amino-4-acetamino anisole | 180 | C9H12N2O2 | 006375-47-9 | 47 |
| 5 | Ethanone, 1-[3-[2-methyl-2-(5-me... | 222 | C13H18O3 | 080114-28-9 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
Data File : BF130354.D
Acq On : 20 Sep 2022 20:35
Operator : CG\JU
Sample : N4630-06 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
WC-17-4-2

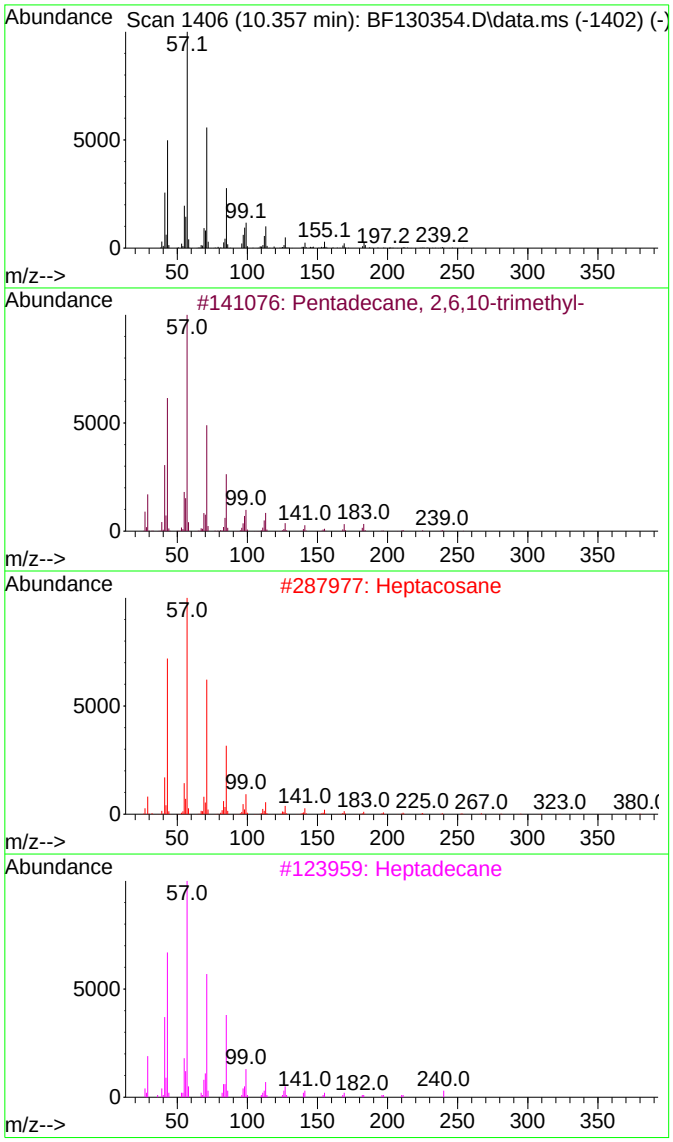
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

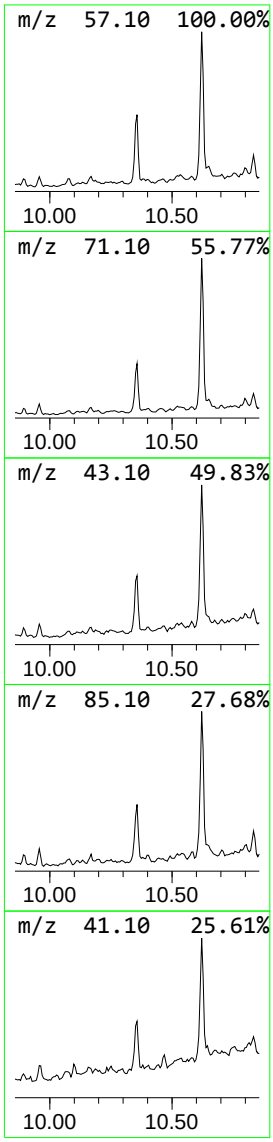
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 Pentadecane, 2,6,10-trimethyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.357 | 15.32 ng | 668292 | Acenaphthene-d10 | 9.698 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentadecane, 2,6,10-trimethyl- | 254 | C18H38 | 003892-00-0 | 94 |
| 2 | Heptacosane | 380 | C27H56 | 000593-49-7 | 87 |
| 3 | Heptadecane | 240 | C17H36 | 000629-78-7 | 86 |
| 4 | Hexadecane, 3-methyl- | 240 | C17H36 | 006418-43-5 | 80 |
| 5 | Heneicosane | 296 | C21H44 | 000629-94-7 | 74 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
Data File : BF130354.D
Acq On : 20 Sep 2022 20:35
Operator : CG\JU
Sample : N4630-06 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
WC-17-4-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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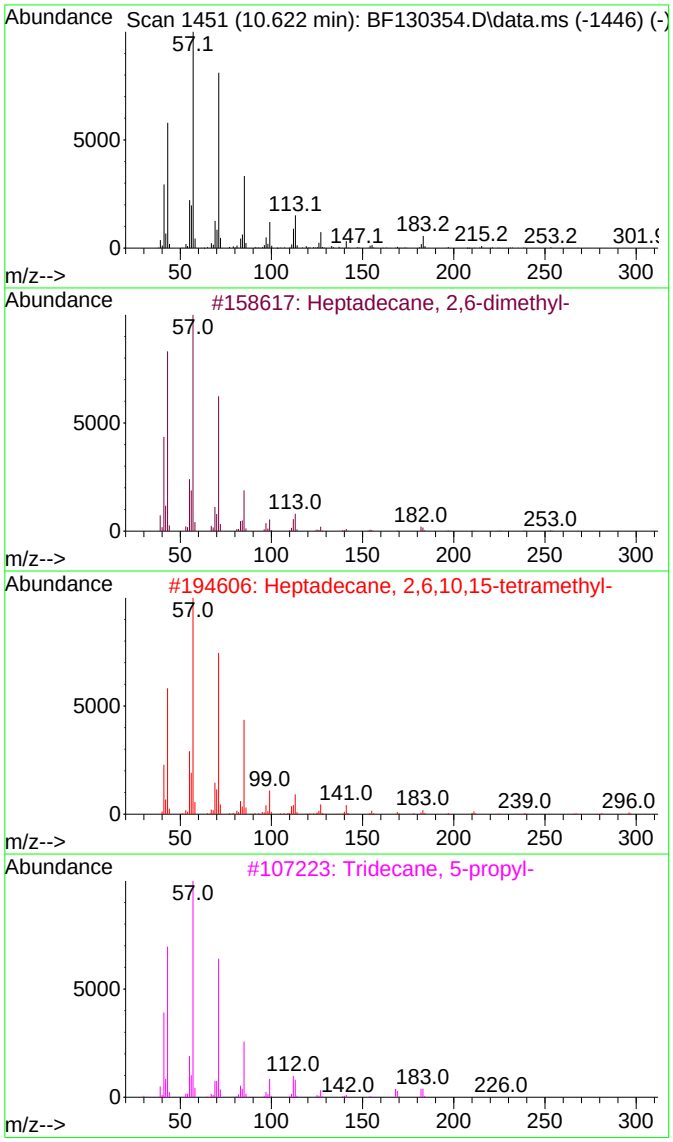
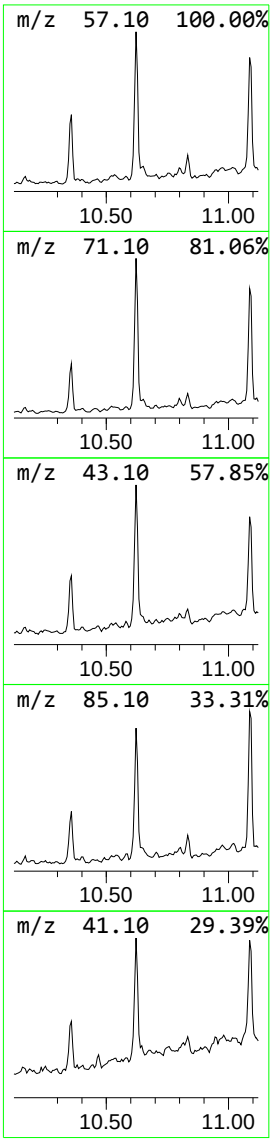
Peak Number 18 Heptadecane, 2,6-dimethyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.622 | 67.28 ng | 2053780 | Phenanthrene-d10 | 11.180 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane, 2,6-dimethyl- | 268 | C19H40 | 054105-67-8 | 87 |
| 2 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 86 |
| 3 | Tridecane, 5-propyl- | 226 | C16H34 | 055045-11-9 | 86 |
| 4 | Undecane, 6-ethyl- | 184 | C13H28 | 017312-60-6 | 83 |
| 5 | Hexadecane, 2,6,10-trimethyl- | 268 | C19H40 | 055000-52-7 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
Data File : BF130354.D
Acq On : 20 Sep 2022 20:35
Operator : CG\JU
Sample : N4630-06 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
WC-17-4-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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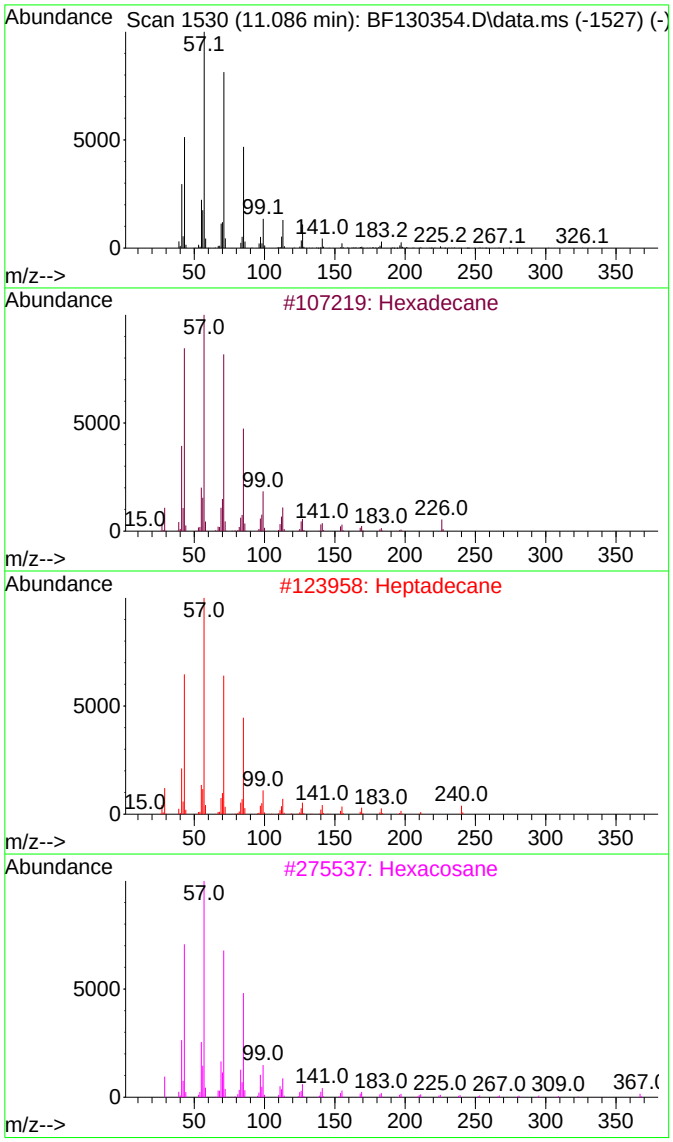
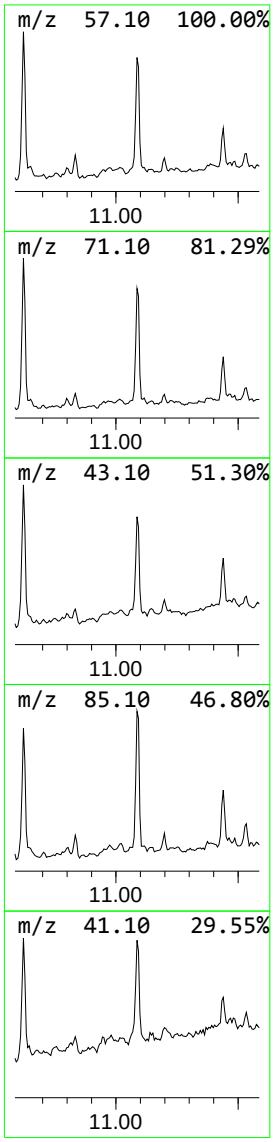
Peak Number 19 Hexadecane Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.086 | 48.04 ng | 1466610 | Phenanthrene-d10 | 11.180 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 91 |
| 2 | Heptadecane | 240 | C17H36 | 000629-78-7 | 90 |
| 3 | Hexacosane | 366 | C26H54 | 000630-01-3 | 90 |
| 4 | Tridecane, 4-methyl- | 198 | C14H30 | 026730-12-1 | 87 |
| 5 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
Data File : BF130354.D
Acq On : 20 Sep 2022 20:35
Operator : CG\JU
Sample : N4630-06 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
WC-17-4-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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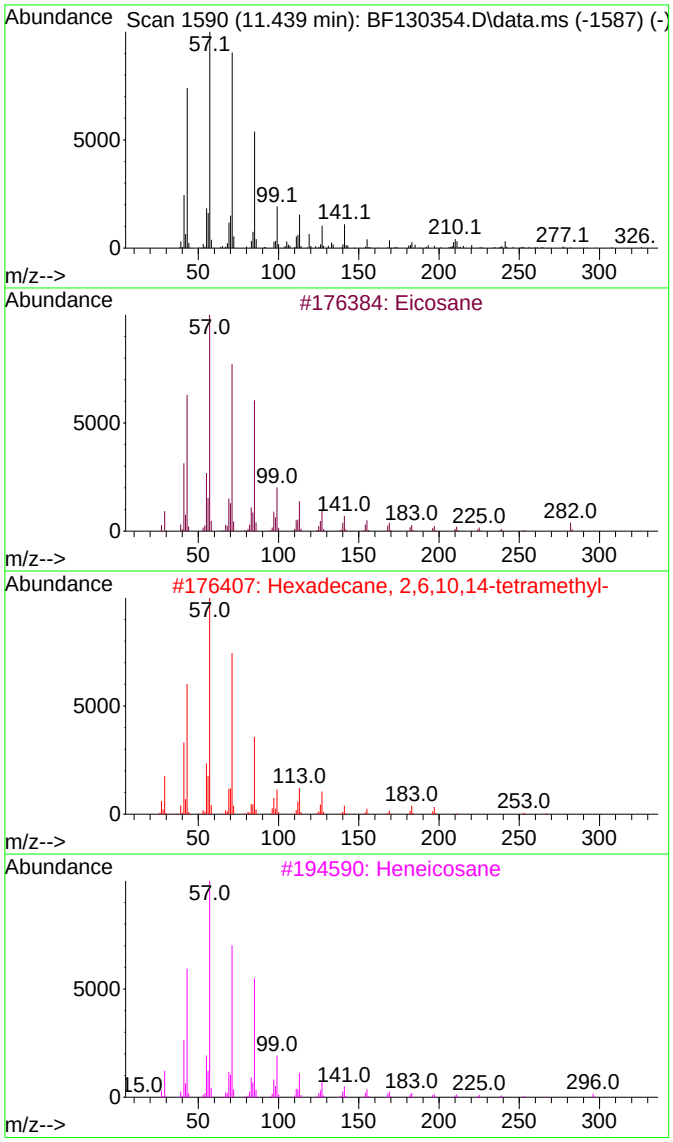
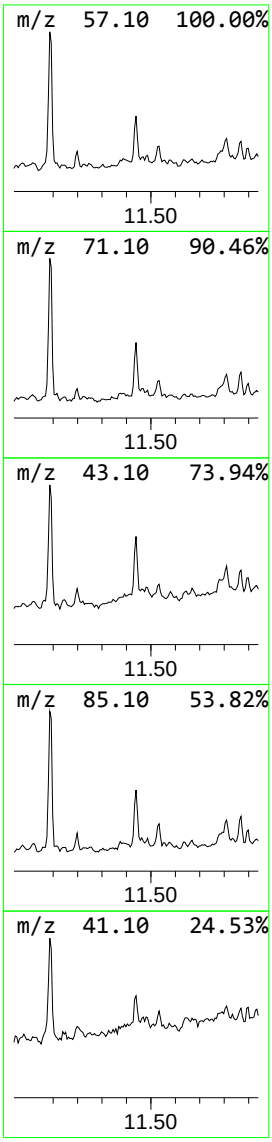
Peak Number 20 Eicosane Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.439 | 14.06 ng | 429178 | Phenanthrene-d10 | 11.180 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane | 282 | C20H42 | 000112-95-8 | 94 |
| 2 | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42 | 000638-36-8 | 89 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 87 |
| 4 | Hexacosane | 366 | C26H54 | 000630-01-3 | 86 |
| 5 | Pentacosane | 352 | C25H52 | 000629-99-2 | 86 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
Data File : BF130354.D
Acq On : 20 Sep 2022 20:35
Operator : CG\JU
Sample : N4630-06 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
WC-17-4-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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 |
| Heptane, 2,2-di... | 6.939 | 4.7 | ng | 149002 | 1 | 6.663 | 633773 | 20.0 |
| unknown7.310 | 7.310 | 4.3 | ng | 145321 | 2 | 7.945 | 675897 | 20.0 |
| Octane, 2,6-dim... | 7.692 | 12.4 | ng | 417673 | 2 | 7.945 | 675897 | 20.0 |
| Decane, 2,2,4-t... | 7.722 | 9.2 | ng | 310604 | 2 | 7.945 | 675897 | 20.0 |
| unknown7.886 | 7.886 | 3.9 | ng | 130023 | 2 | 7.945 | 675897 | 20.0 |
| Undecane, 2,6-d... | 8.010 | 3.9 | ng | 130035 | 2 | 7.945 | 675897 | 20.0 |
| Isoborneol | 8.298 | 7.0 | ng | 238060 | 2 | 7.945 | 675897 | 20.0 |
| Sulfurous acid,... | 8.375 | 4.9 | ng | 164128 | 2 | 7.945 | 675897 | 20.0 |
| Dodecane, 1-iodo- | 8.757 | 4.7 | ng | 159397 | 2 | 7.945 | 675897 | 20.0 |
| Dodecane, 2,6,1... | 8.969 | 4.6 | ng | 199613 | 3 | 9.698 | 872399 | 20.0 |
| S-Phenyl 5-(phe... | 9.404 | 4.1 | ng | 177392 | 3 | 9.698 | 872399 | 20.0 |
| Carbonic acid, ... | 9.428 | 6.5 | ng | 285076 | 3 | 9.698 | 872399 | 20.0 |
| unknown9.604 | 9.604 | 5.6 | ng | 242731 | 3 | 9.698 | 872399 | 20.0 |
| unknown9.957 | 9.957 | 5.4 | ng | 237012 | 3 | 9.698 | 872399 | 20.0 |
| unknown10.063 | 10.063 | 4.5 | ng | 195977 | 3 | 9.698 | 872399 | 20.0 |
| unknown10.098 | 10.098 | 4.7 | ng | 206937 | 3 | 9.698 | 872399 | 20.0 |
| Pentadecane, 2,... | 10.357 | 15.3 | ng | 668292 | 3 | 9.698 | 872399 | 20.0 |
| Heptadecane, 2,... | 10.622 | 67.3 | ng | 2053780 | 4 | 11.180 | 610557 | 20.0 |
| Hexadecane | 11.086 | 48.0 | ng | 1466610 | 4 | 11.180 | 610557 | 20.0 |
| Eicosane | 11.439 | 14.1 | ng | 429178 | 4 | 11.180 | 610557 | 20.0 |