LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111122\
Data File : BF131159.D
Acq On : 11 Nov 2022 18:11
Operator : CG\JU
Sample : N5506-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10

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-BF110922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131159.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.187 | 12 | 17 | 23 | rVB | 498534 | 625028 | 29.07% | 3.520% |
| 2 | 2.299 | 32 | 36 | 42 | rVB | 34772 | 43747 | 2.03% | 0.246% |
| 3 | 4.481 | 403 | 407 | 415 | rBV | 66390 | 76538 | 3.56% | 0.431% |
| 4 | 5.098 | 507 | 512 | 522 | rVB | 465423 | 567150 | 26.38% | 3.194% |
| 5 | 5.492 | 575 | 579 | 583 | rBV | 1978621 | 1925023 | 89.53% | 10.843% |
| 6 | 6.504 | 745 | 751 | 754 | rBV | 1982261 | 2150119 | 100.00% | 12.110% |
| 7 | 6.869 | 809 | 813 | 817 | rBV | 747214 | 576167 | 26.80% | 3.245% |
| 8 | 7.439 | 903 | 910 | 913 | rBV | 1370798 | 1291641 | 60.07% | 7.275% |
| 9 | 8.157 | 1025 | 1032 | 1035 | rBV | 901874 | 839456 | 39.04% | 4.728% |
| 10 | 9.233 | 1209 | 1215 | 1218 | rBV | 2440583 | 2015587 | 93.74% | 11.353% |
| 11 | 9.569 | 1267 | 1272 | 1276 | rBV3 | 19070 | 27378 | 1.27% | 0.154% |
| 12 | 9.775 | 1302 | 1307 | 1309 | rBV2 | 27368 | 26773 | 1.25% | 0.151% |
| 13 | 9.916 | 1325 | 1331 | 1334 | rBV | 867090 | 726583 | 33.79% | 4.092% |
| 14 | 9.945 | 1334 | 1336 | 1339 | rVB | 42282 | 30928 | 1.44% | 0.174% |
| 15 | 10.116 | 1359 | 1365 | 1368 | rBV2 | 30169 | 31094 | 1.45% | 0.175% |
| 16 | 10.463 | 1420 | 1424 | 1429 | rVB | 49372 | 44099 | 2.05% | 0.248% |
| 17 | 10.704 | 1461 | 1465 | 1469 | rBV | 1492574 | 1334982 | 62.09% | 7.519% |
| 18 | 10.822 | 1481 | 1485 | 1492 | rVB5 | 20946 | 35143 | 1.63% | 0.198% |
| 19 | 11.010 | 1511 | 1517 | 1520 | rBV2 | 20171 | 29435 | 1.37% | 0.166% |
| 20 | 11.298 | 1561 | 1566 | 1571 | rVB2 | 26594 | 33208 | 1.54% | 0.187% |
| 21 | 11.404 | 1580 | 1584 | 1587 | rBV | 877068 | 767268 | 35.68% | 4.322% |
| 22 | 11.427 | 1587 | 1588 | 1592 | rVV | 190882 | 117774 | 5.48% | 0.663% |
| 23 | 11.480 | 1593 | 1597 | 1599 | rVB | 45080 | 42826 | 1.99% | 0.241% |
| 24 | 11.786 | 1644 | 1649 | 1652 | rBV | 31462 | 29383 | 1.37% | 0.165% |
| 25 | 11.904 | 1666 | 1669 | 1671 | rBV | 37777 | 36034 | 1.68% | 0.203% |
| 26 | 11.933 | 1671 | 1674 | 1678 | rVB2 | 61120 | 71045 | 3.30% | 0.400% |
| 27 | 12.016 | 1685 | 1688 | 1691 | rBV2 | 60248 | 70089 | 3.26% | 0.395% |
| 28 | 12.039 | 1691 | 1692 | 1699 | rVB | 31417 | 23578 | 1.10% | 0.133% |
| 29 | 12.204 | 1712 | 1720 | 1722 | rBV2 | 35893 | 42320 | 1.97% | 0.238% |
| 30 | 12.457 | 1757 | 1763 | 1765 | rBV | 52719 | 58717 | 2.73% | 0.331% |
| 31 | 12.498 | 1765 | 1770 | 1775 | rVV2 | 106414 | 138030 | 6.42% | 0.777% |
| 32 | 12.539 | 1775 | 1777 | 1782 | rVB5 | 20956 | 26491 | 1.23% | 0.149% |
| 33 | 12.621 | 1787 | 1791 | 1794 | rBV | 224245 | 179518 | 8.35% | 1.011% |
| 34 | 12.851 | 1824 | 1830 | 1837 | rBV | 209236 | 223549 | 10.40% | 1.259% |
| 35 | 12.992 | 1850 | 1854 | 1858 | rVB | 1473743 | 1292757 | 60.12% | 7.281% |
| 36 | 13.063 | 1864 | 1866 | 1871 | rBV4 | 20950 | 24128 | 1.12% | 0.136% |

LSC Area Percent Report

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Operator : CG\JU
Sample : N5506-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10

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-BF110922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 13.180 | 1883 | 1886 | 1890 | rVB | 33922 | 39283 | 1.83% | 0.221% |
| 38 | 13.245 | 1895 | 1897 | 1900 | rBV2 | 28681 | 27953 | 1.30% | 0.157% |
| 39 | 13.286 | 1901 | 1904 | 1906 | rVB | 33005 | 29260 | 1.36% | 0.165% |
| 40 | 13.374 | 1916 | 1919 | 1922 | rBV | 24886 | 24077 | 1.12% | 0.136% |
| 41 | 13.945 | 2011 | 2016 | 2027 | rBV4 | 63905 | 183939 | 8.55% | 1.036% |
| 42 | 14.051 | 2029 | 2034 | 2037 | rVV2 | 475357 | 487618 | 22.68% | 2.746% |
| 43 | 14.074 | 2037 | 2038 | 2043 | rVB | 85990 | 61030 | 2.84% | 0.344% |
| 44 | 14.145 | 2045 | 2050 | 2055 | rBV | 142323 | 163778 | 7.62% | 0.922% |
| 45 | 14.198 | 2055 | 2059 | 2063 | rVV5 | 34632 | 52936 | 2.46% | 0.298% |
| 46 | 14.510 | 2109 | 2112 | 2114 | rBV | 35538 | 33647 | 1.56% | 0.190% |
| 47 | 14.562 | 2119 | 2121 | 2123 | rBV3 | 30469 | 28152 | 1.31% | 0.159% |
| 48 | 14.739 | 2149 | 2151 | 2156 | rBV5 | 20256 | 27968 | 1.30% | 0.158% |
| 49 | 14.898 | 2175 | 2178 | 2183 | rVB | 73638 | 75514 | 3.51% | 0.425% |
| 50 | 14.939 | 2183 | 2185 | 2188 | rBV3 | 27068 | 29691 | 1.38% | 0.167% |
| 51 | 15.104 | 2209 | 2213 | 2216 | rBV | 69187 | 98389 | 4.58% | 0.554% |
| 52 | 15.157 | 2220 | 2222 | 2229 | rVB4 | 38480 | 54261 | 2.52% | 0.306% |
| 53 | 15.239 | 2233 | 2236 | 2241 | rVB7 | 33057 | 47762 | 2.22% | 0.269% |
| 54 | 15.415 | 2263 | 2266 | 2271 | rVB | 62109 | 69659 | 3.24% | 0.392% |
| 55 | 15.474 | 2273 | 2276 | 2279 | rBV | 78739 | 82555 | 3.84% | 0.465% |
| 56 | 15.545 | 2283 | 2288 | 2292 | rBV | 299627 | 380856 | 17.71% | 2.145% |
| 57 | 16.133 | 2386 | 2388 | 2393 | rBV6 | 16130 | 25090 | 1.17% | 0.141% |
| 58 | 16.586 | 2463 | 2465 | 2468 | rBV4 | 17149 | 26170 | 1.22% | 0.147% |
| 59 | 16.809 | 2500 | 2503 | 2511 | rBV10 | 16144 | 29567 | 1.38% | 0.167% |
| 60 | 17.045 | 2541 | 2543 | 2549 | rVB2 | 39280 | 47451 | 2.21% | 0.267% |
| 61 | 17.356 | 2590 | 2596 | 2597 | rBV6 | 27650 | 54121 | 2.52% | 0.305% |

Sum of corrected areas: 17754313

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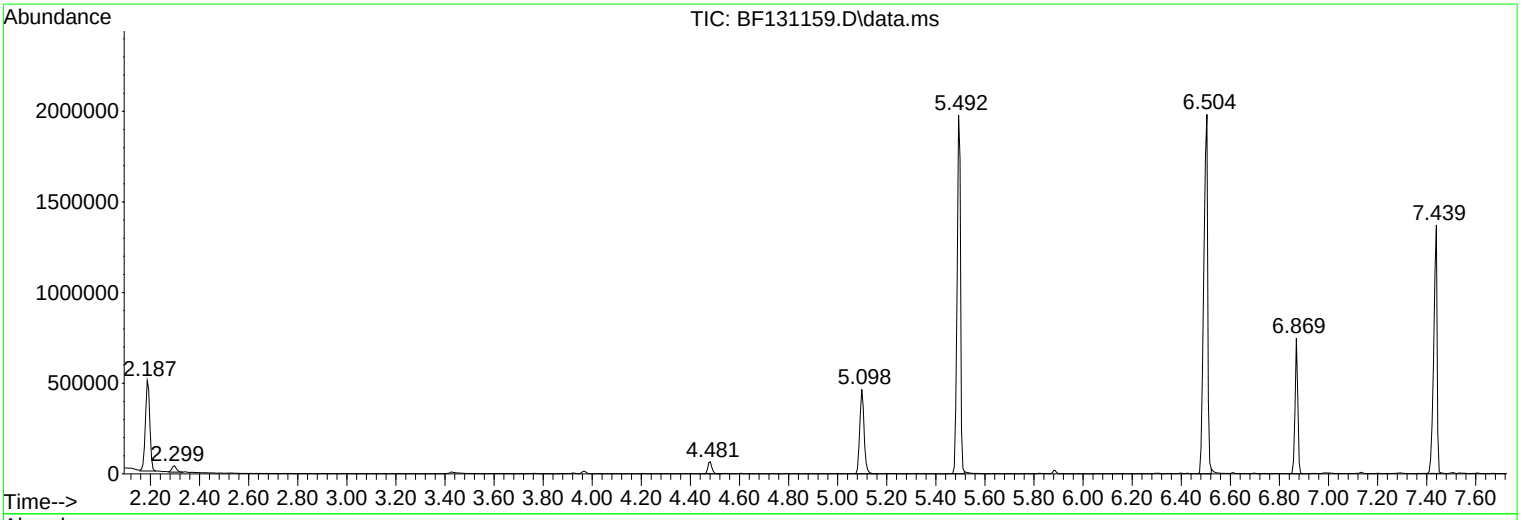
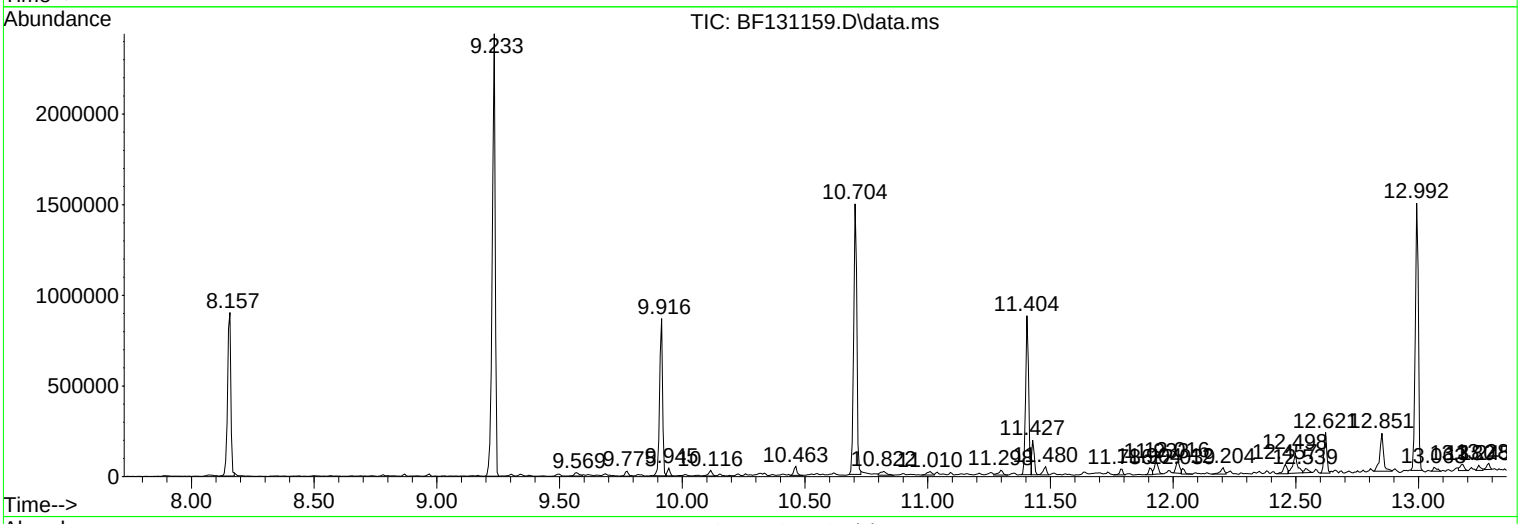
Misc :
ALS Vial : 4 Sample Multiplier: 1

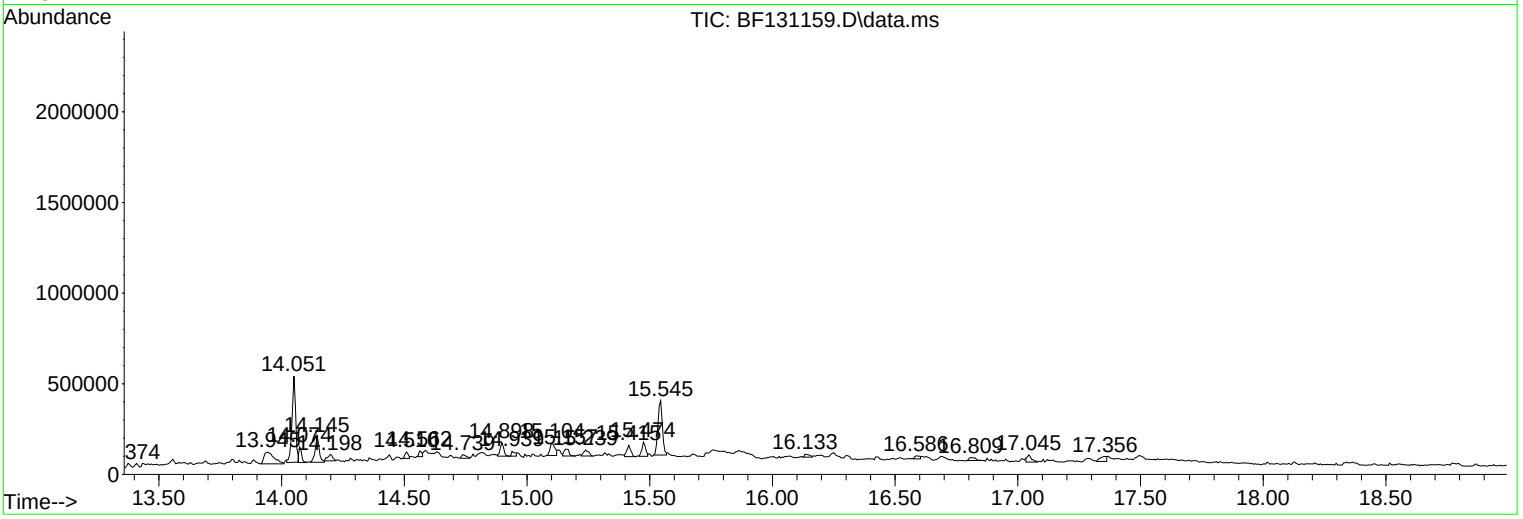
**Instrument :**
BNA_F
**ClientSampleId :**
TP-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.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\BF111122\
Data File : BF131159.D
Acq On : 11 Nov 2022 18:11
Operator : CG\JU
Sample : N5506-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

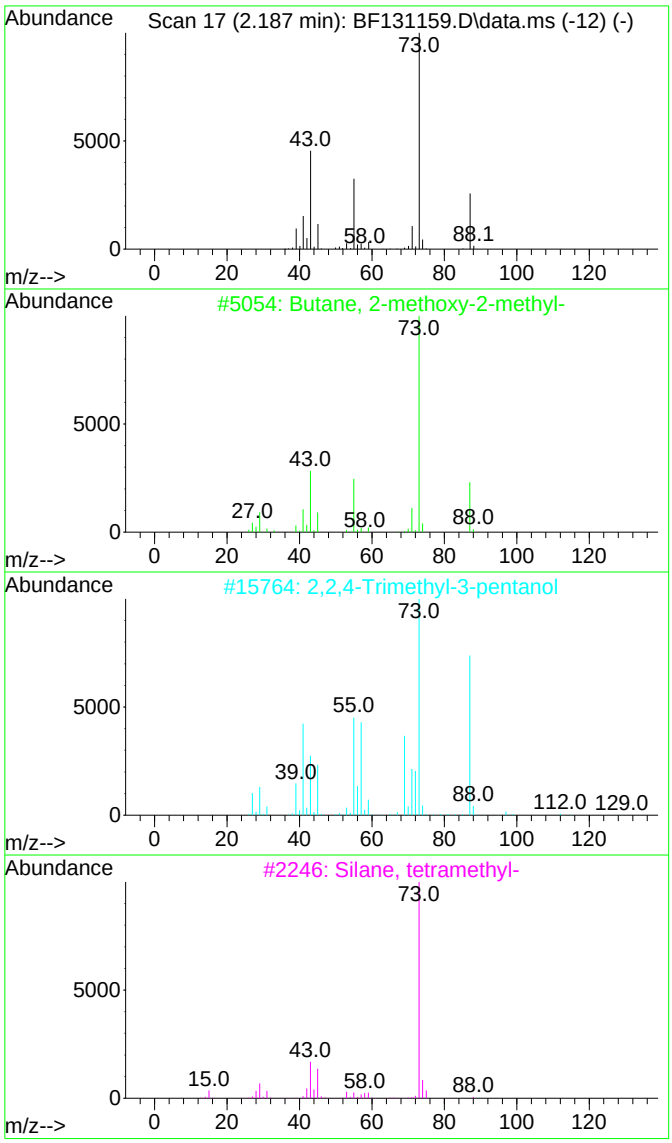
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

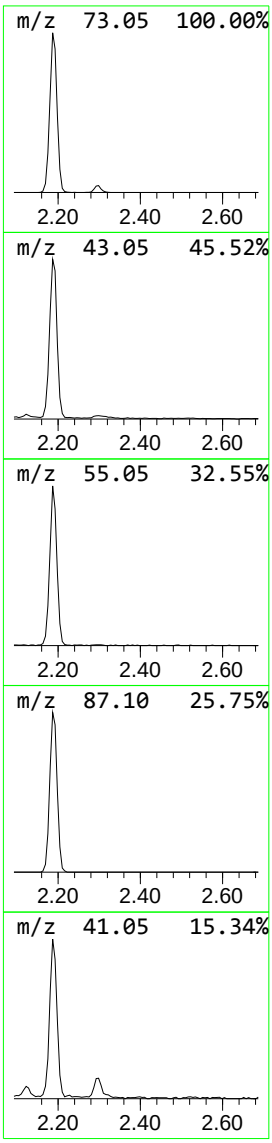
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.187 | 21.70 ng | 625028 | 1,4-Dichlorobenzene-d4 | 6.869 |

| 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 | 40 |
| 3 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 17 |
| 4 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 12 |
| 5 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111122\
Data File : BF131159.D
Acq On : 11 Nov 2022 18:11
Operator : CG\JU
Sample : N5506-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

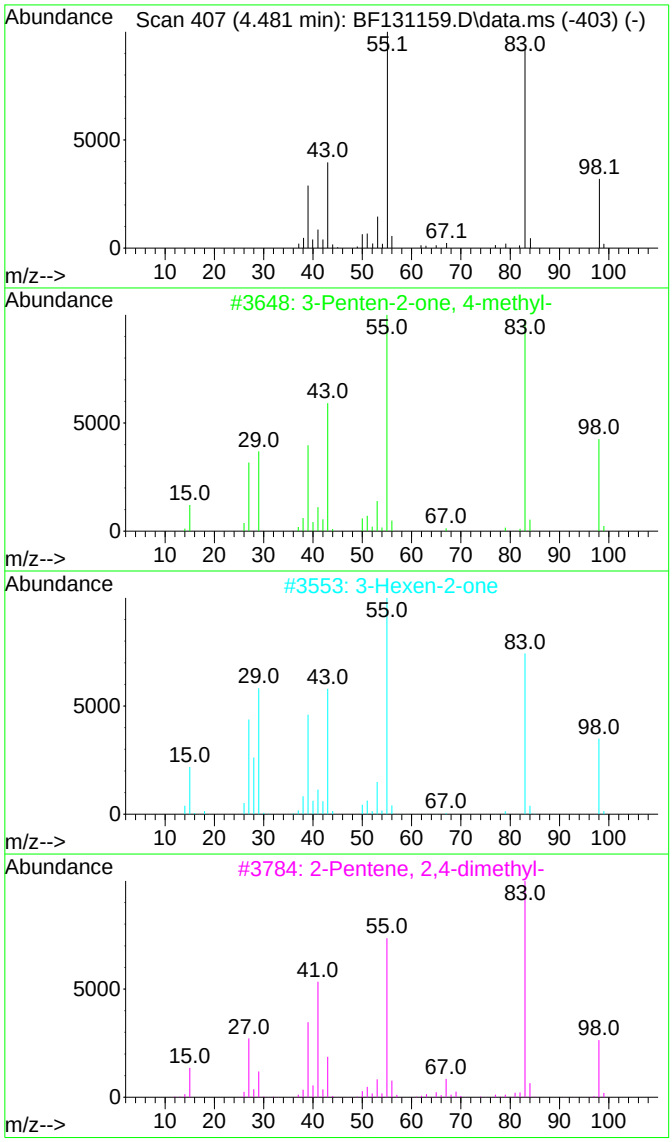
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

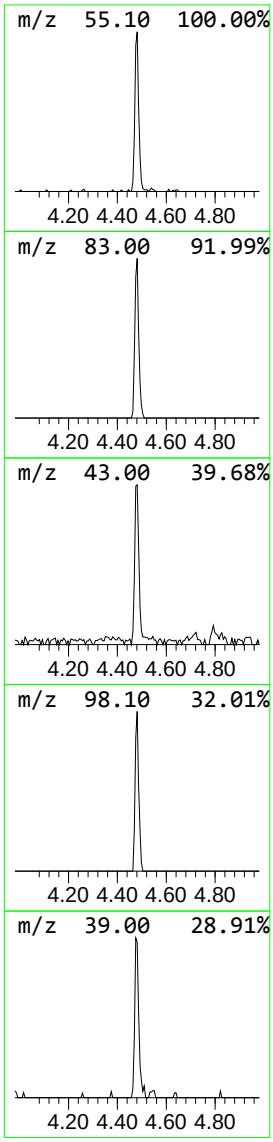
**********

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.481 | 2.66 ng | 76538 | 1,4-Dichlorobenzene-d4 | 6.869 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Penten-2-one, 4-methyl- | 98 | C6H10O | 000141-79-7 | 91 |
| 2 | 3-Hexen-2-one | 98 | C6H10O | 000763-93-9 | 91 |
| 3 | 2-Pentene, 2,4-dimethyl- | 98 | C7H14 | 000625-65-0 | 80 |
| 4 | 2-Pentene, 4,4-dimethyl-, (E)- | 98 | C7H14 | 000690-08-4 | 72 |
| 5 | 2-Pentene, 4,4-dimethyl-, (Z)- | 98 | C7H14 | 000762-63-0 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111122\
Data File : BF131159.D
Acq On : 11 Nov 2022 18:11
Operator : CG\JU
Sample : N5506-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
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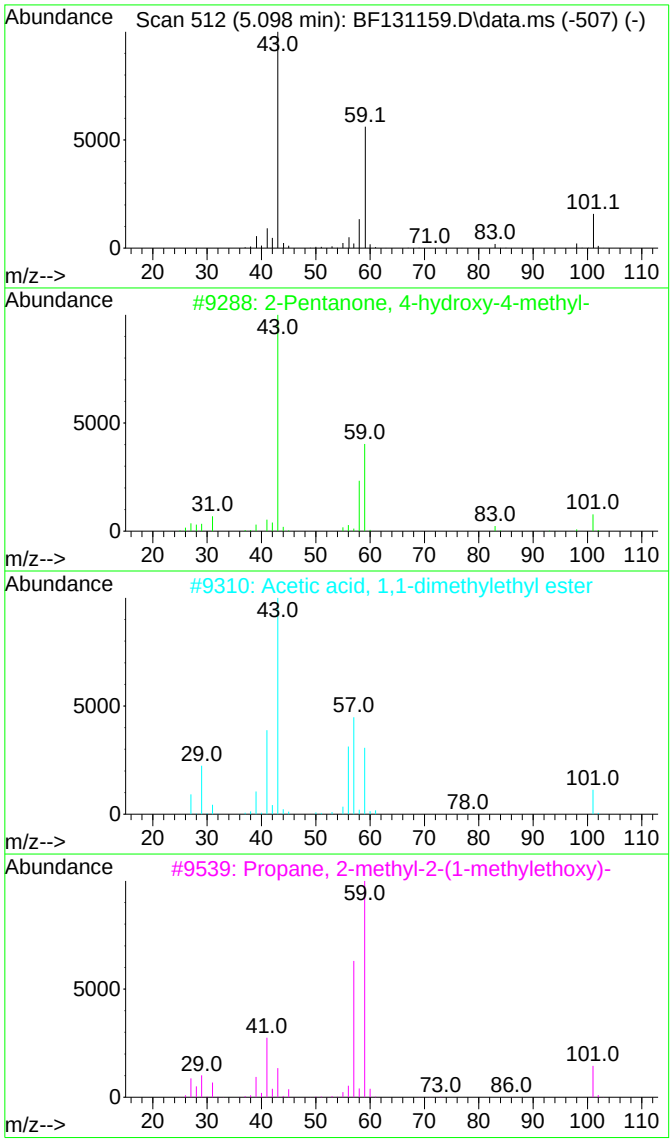
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

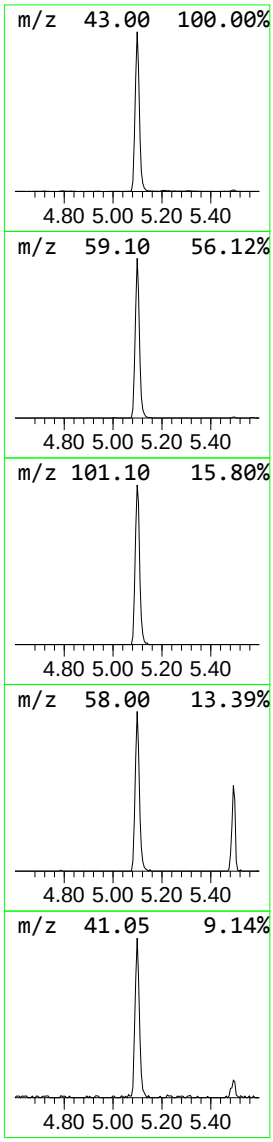
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.098 | 19.69 ng | 567150 | 1,4-Dichlorobenzene-d4 | 6.869 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 64 |
| 2 | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 38 |
| 3 | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O | 017348-59-3 | 36 |
| 4 | 2-Hexanol, 2-methyl- | 116 | C7H16O | 000625-23-0 | 33 |
| 5 | 3-Hexanol, 4-methyl- | 116 | C7H16O | 000615-29-2 | 33 |



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Data File : BF131159.D
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Misc :
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BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

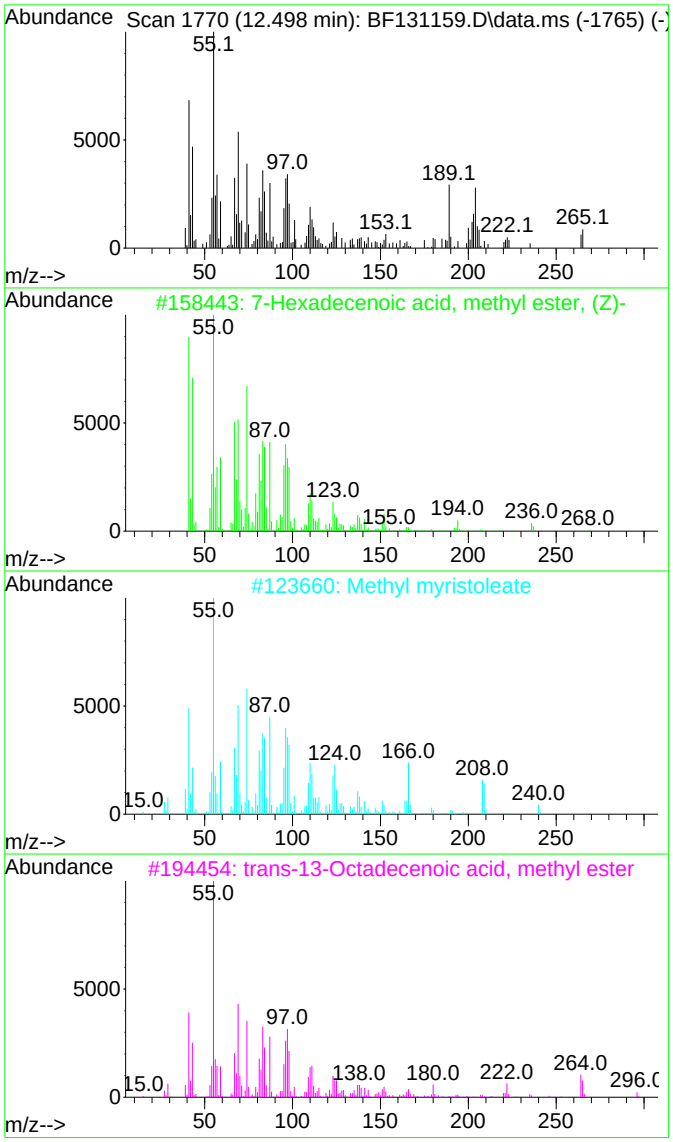
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

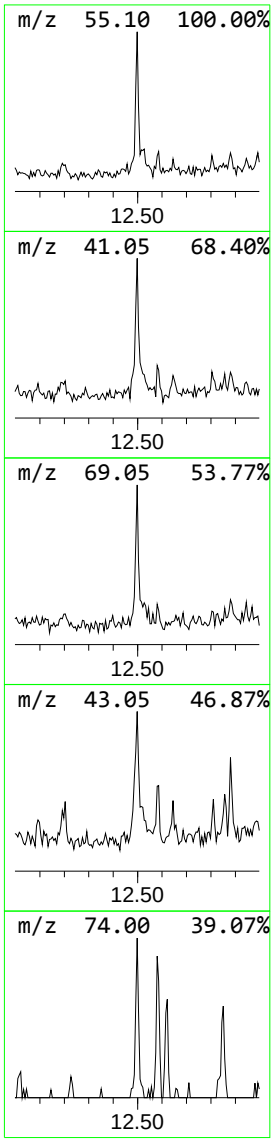
**********

Peak Number 4 7-Hexadecenoic acid, methyl... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.498 | 3.60 ng | 138030 | Phenanthrene-d10 | 11.404 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 7-Hexadecenoic acid, methyl este... | 268 | C17H32O2 | 056875-67-3 | 76 |
| 2 | Methyl myristoleate | 240 | C15H28O2 | 056219-06-8 | 74 |
| 3 | trans-13-Octadecenoic acid, meth... | 296 | C19H36O2 | 1000333-61-3 | 62 |
| 4 | 9-Octadecenoic acid (Z)-, methyl... | 296 | C19H36O2 | 000112-62-9 | 62 |
| 5 | 9-Hexadecenoic acid, methyl este... | 268 | C17H32O2 | 001120-25-8 | 59 |



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Sample : N5506-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

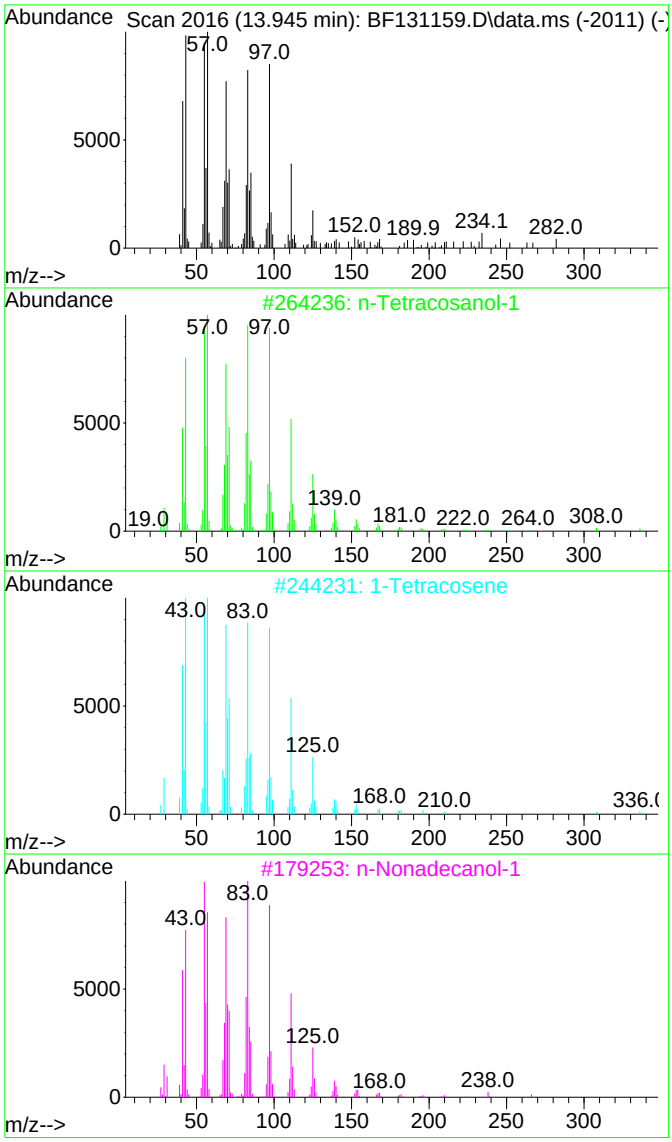
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

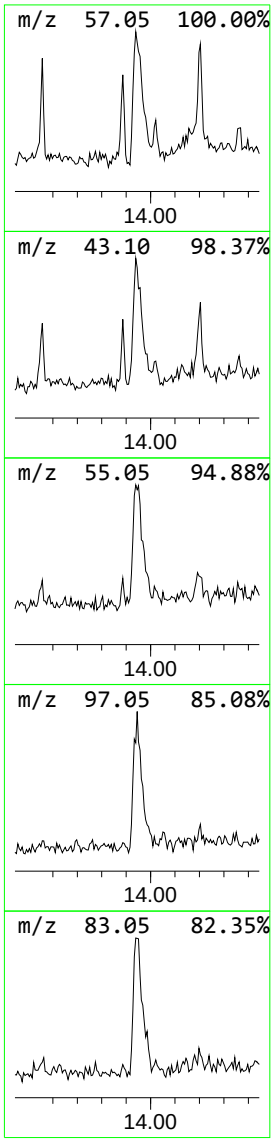
**********

Peak Number 5 n-Tetracosanol-1 Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.945 | 7.54 ng | 183939 | Chrysene-d12 | 14.051 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 90 |
| 2 | 1-Tetracosene | 336 | C24H48 | 010192-32-2 | 83 |
| 3 | n-Nonadecanol-1 | 284 | C19H40O | 001454-84-8 | 81 |
| 4 | n-Heptadecanol-1 | 256 | C17H36O | 001454-85-9 | 81 |
| 5 | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2 | 959092-08-1 | 74 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111122\
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Sample : N5506-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

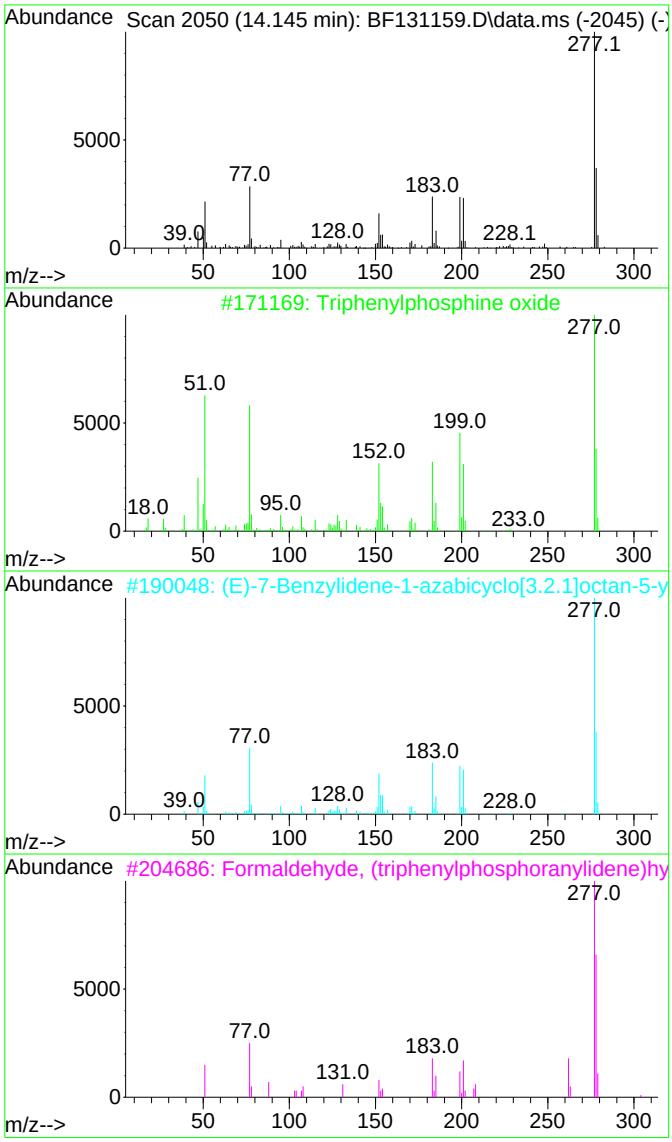
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

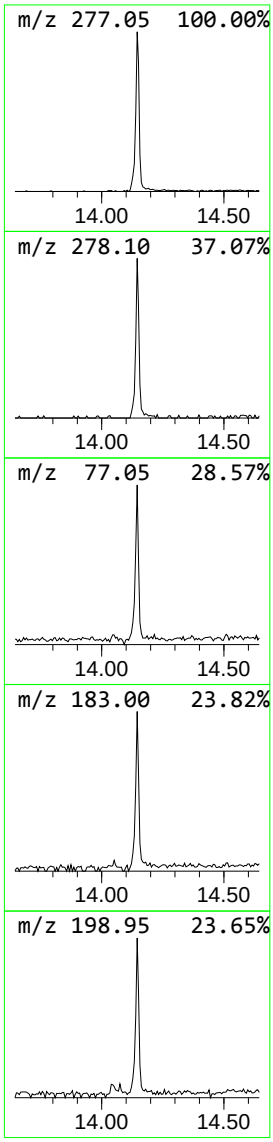
**********

Peak Number 6 Triphenylphosphine oxide Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.145 | 6.72 ng | 163778 | Chrysene-d12 | 14.051 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Triphenylphosphine oxide | 278 | C18H15OP | 000791-28-6 | 98 |
| 2 | (E)-7-Benzylidene-1-azabicyclo[3... | 293 | C15H19NO3S | 1000483-83-4 | 81 |
| 3 | Formaldehyde, (triphenylphosphor... | 304 | C19H17N2P | 015990-54-2 | 39 |
| 4 | 1H-Indole-3-acetic acid, 5-[(tri... | 277 | C14H19NO3Si | 072101-35-0 | 27 |
| 5 | [1,2,4]Triazolo[1,5-a]pyrimidine... | 278 | C15H14N6 | 1000350-69-0 | 25 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111122\
Data File : BF131159.D
Acq On : 11 Nov 2022 18:11
Operator : CG\JU
Sample : N5506-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

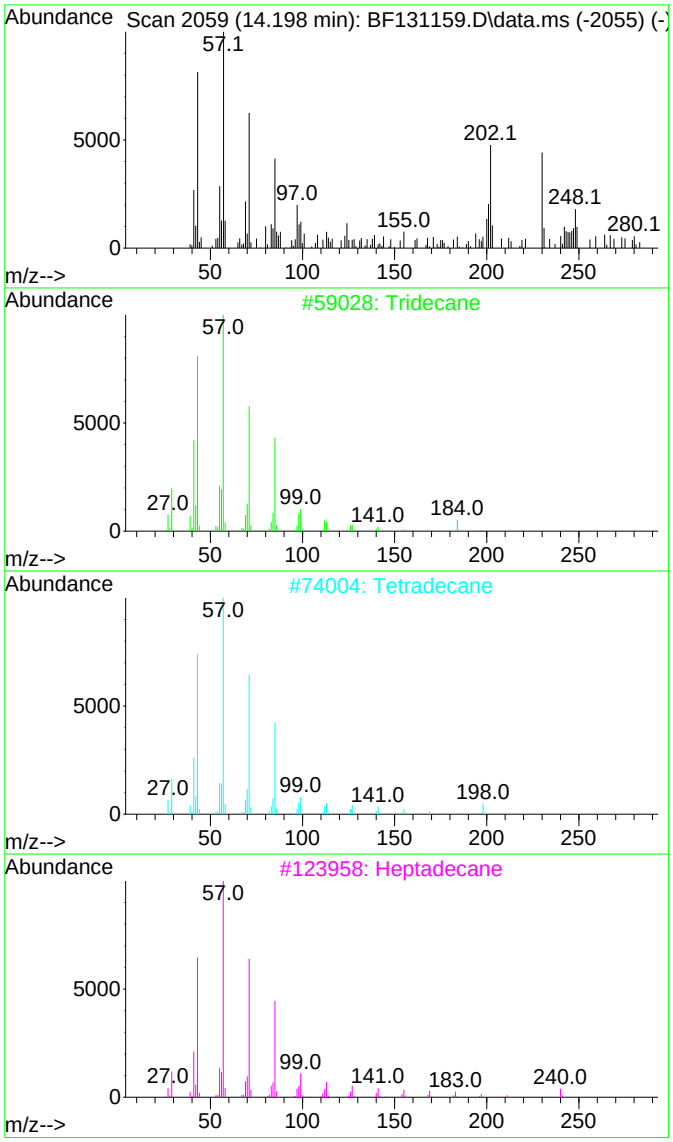
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

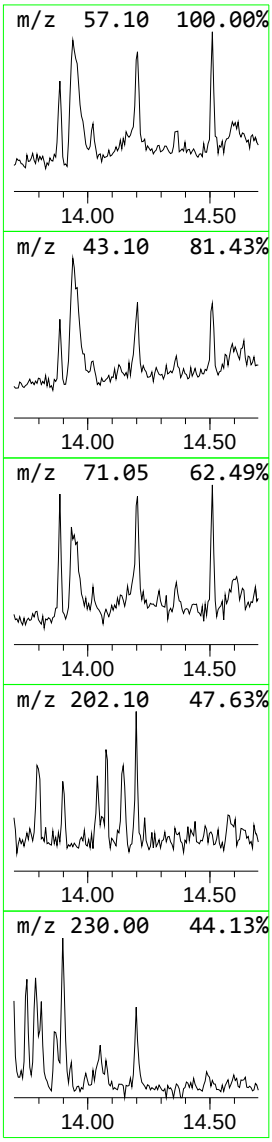
**********

Peak Number 7 Tridecane Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.198 | 2.17 ng | 52936 | Chrysene-d12 | 14.051 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 51 |
| 2 | Tetradecane | 198 | C14H30 | 000629-59-4 | 38 |
| 3 | Heptadecane | 240 | C17H36 | 000629-78-7 | 38 |
| 4 | Pentadecane | 212 | C15H32 | 000629-62-9 | 38 |
| 5 | Carbonic acid, octadecyl vinyl e... | 340 | C21H40O3 | 1000382-54-4 | 27 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111122\
Data File : BF131159.D
Acq On : 11 Nov 2022 18:11
Operator : CG\JU
Sample : N5506-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.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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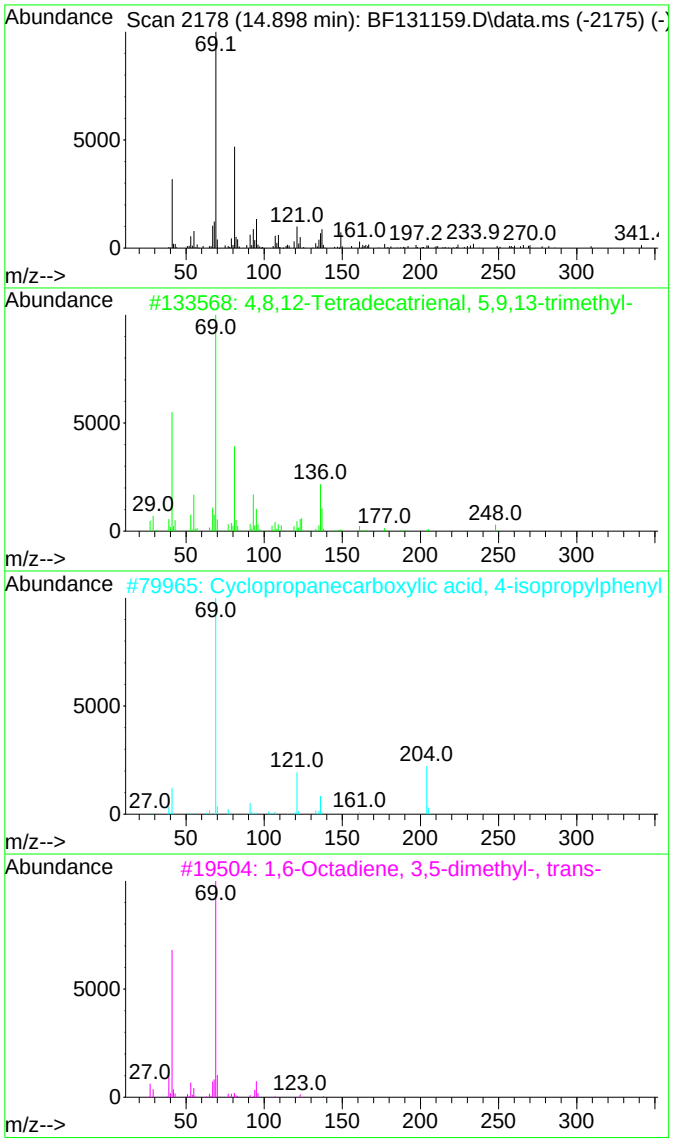
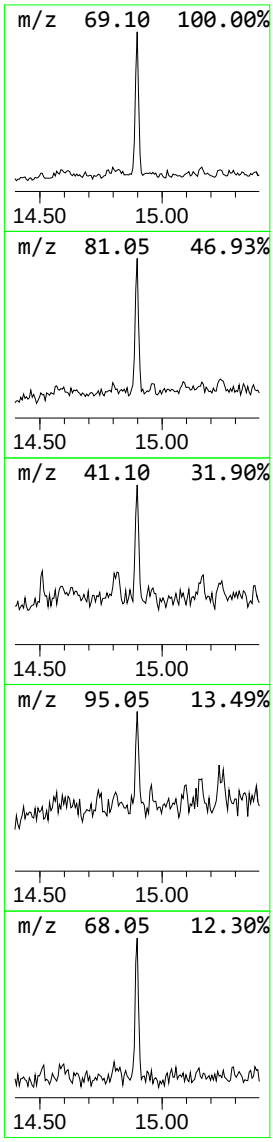
Peak Number 8 4,8,12-Tetradecatrienal, 5,... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.898 | 3.97 ng | 75514 | Perylene-d12 | 15.545 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4,8,12-Tetradecatrienal, 5,9,13-... | 248 | C17H28O | 066408-55-7 | 64 |
| 2 | Cyclopropanecarboxylic acid, 4-i... | 204 | C13H16O2 | 1000331-01-9 | 59 |
| 3 | 1,6-Octadiene, 3,5-dimethyl-, tr... | 138 | C10H18 | 074630-87-8 | 59 |
| 4 | 1,6,10,14-Hexadecatetraen-3-ol, ... | 290 | C20H34O | 001113-21-9 | 59 |
| 5 | 2,6-Octadiene, 2,6-dimethyl- | 138 | C10H18 | 002792-39-4 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111122\
Data File : BF131159.D
Acq On : 11 Nov 2022 18:11
Operator : CG\JU
Sample : N5506-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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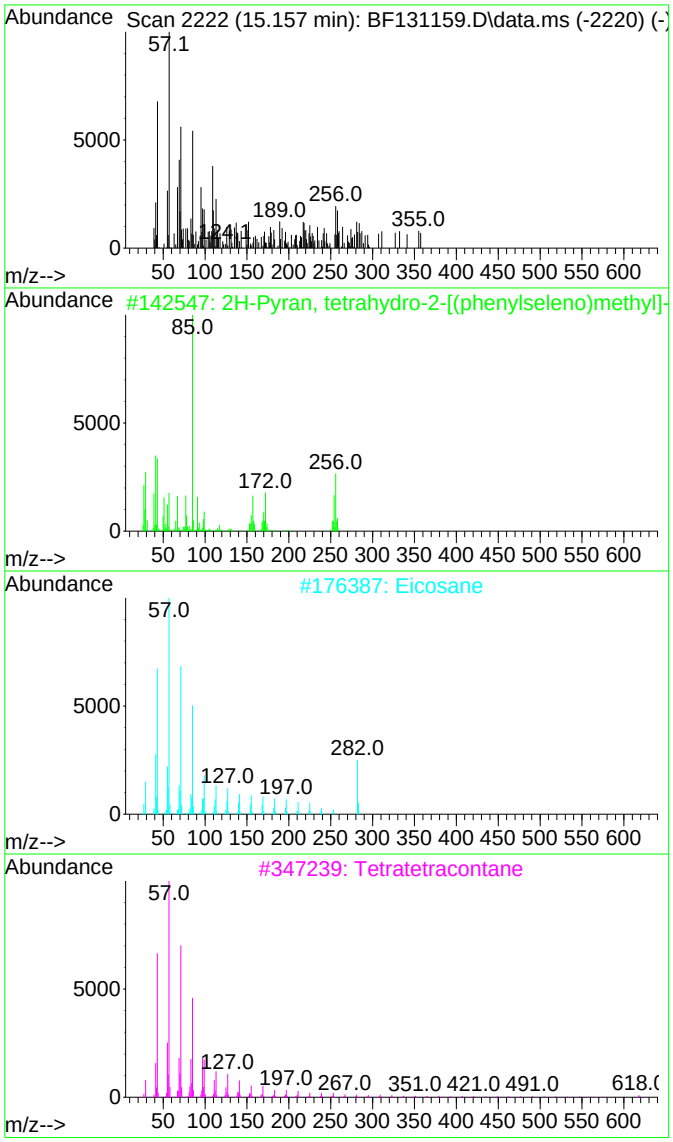
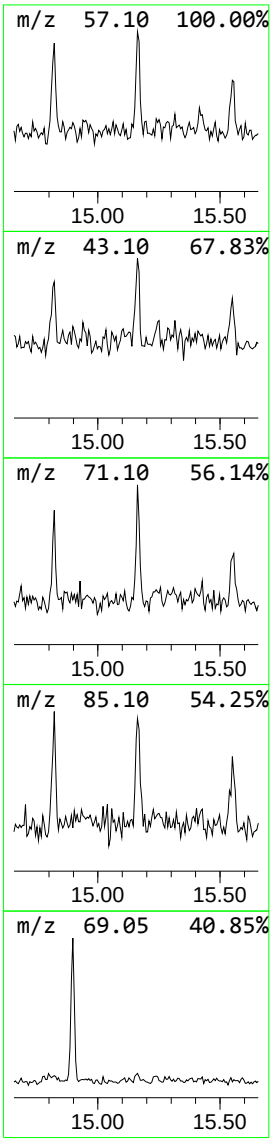
Peak Number 9 unknown15.157 Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.157 | 2.85 ng | 54261 | Perylene-d12 | 15.545 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2H-Pyran, tetrahydro-2-[(phenyls... | 256 | C12H16OSe | 075526-73-7 | 27 |
| 2 | Eicosane | 282 | C20H42 | 000112-95-8 | 14 |
| 3 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 14 |
| 4 | Pyran, tetrahydro-2-[4-(1H-inden... | 272 | C18H24O2 | 1000158-94-4 | 11 |
| 5 | 6-Bromo-3-hydroxyquinoline, trim... | 307 | C14H14BrNO2 | 1000463-49-7 | 11 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111122\
Data File : BF131159.D
Acq On : 11 Nov 2022 18:11
Operator : CG\JU
Sample : N5506-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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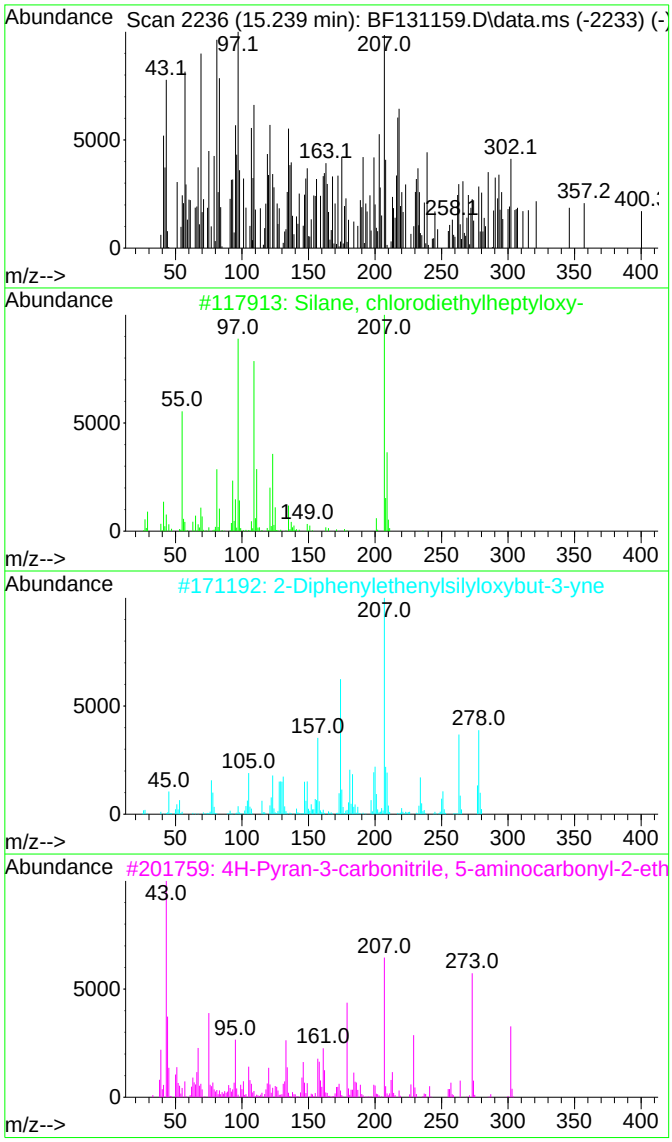
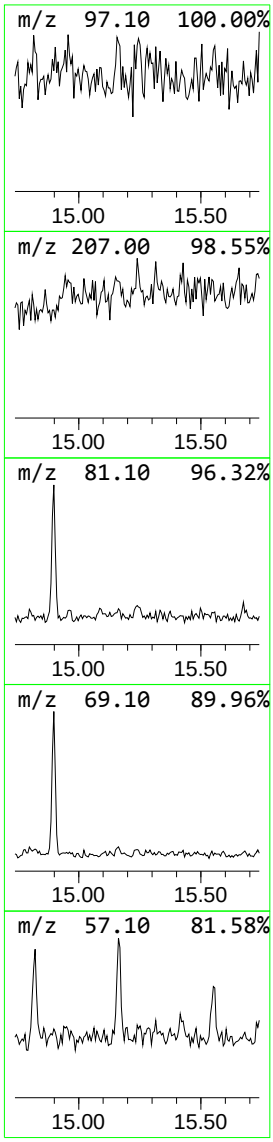
Peak Number 10 unknown15.239 Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.239 | 2.51 ng | 47762 | Perylene-d12 | 15.545 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Silane, chlorodiethylheptyloxy- | 236 | C11H25ClOSi | 1010363-96-1 | 30 |
| 2 | 2-Diphenylethenylsilyloxybut-3-yne | 278 | C18H18OSi | 1000299-55-9 | 25 |
| 3 | 4H-Pyran-3-carbonitrile, 5-amino... | 302 | C16H15FN2O3 | 1000258-94-1 | 18 |
| 4 | 4,4,6-Trimethyl-2-(N-methyl-p-me... | 278 | C15H22N2OS | 053004-51-6 | 15 |
| 5 | 9-(1-Methyl-2-oxobutyl)acridine | 263 | C18H17NO | 015539-59-0 | 15 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111122\
Data File : BF131159.D
Acq On : 11 Nov 2022 18:11
Operator : CG\JU
Sample : N5506-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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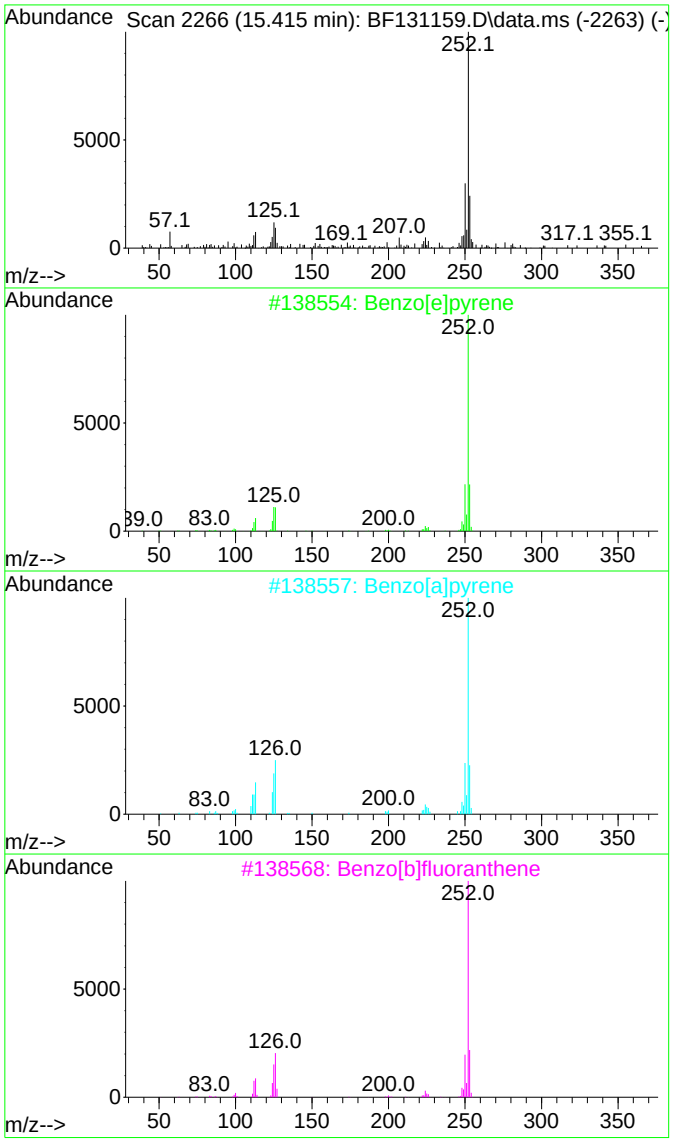
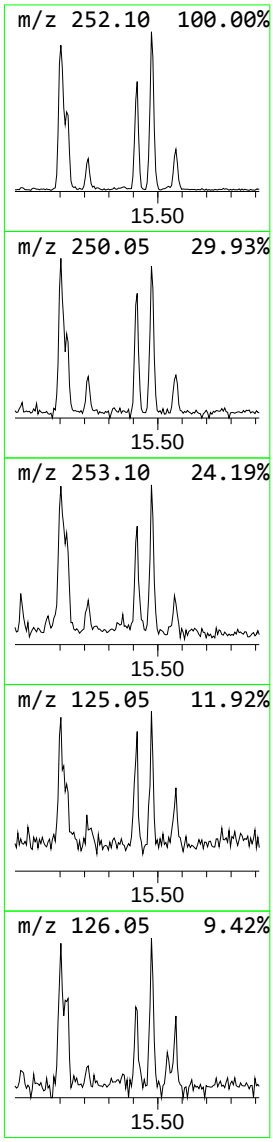
Peak Number 11 Benzo[e]pyrene Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.415 | 3.66 ng | 69659 | Perylene-d12 | 15.545 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 94 |
| 2 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 91 |
| 3 | Benzo[b]fluoranthene | 252 | C20H12 | 000205-99-2 | 90 |
| 4 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 89 |
| 5 | Perylene | 252 | C20H12 | 000198-55-0 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111122\
Data File : BF131159.D
Acq On : 11 Nov 2022 18:11
Operator : CG\JU
Sample : N5506-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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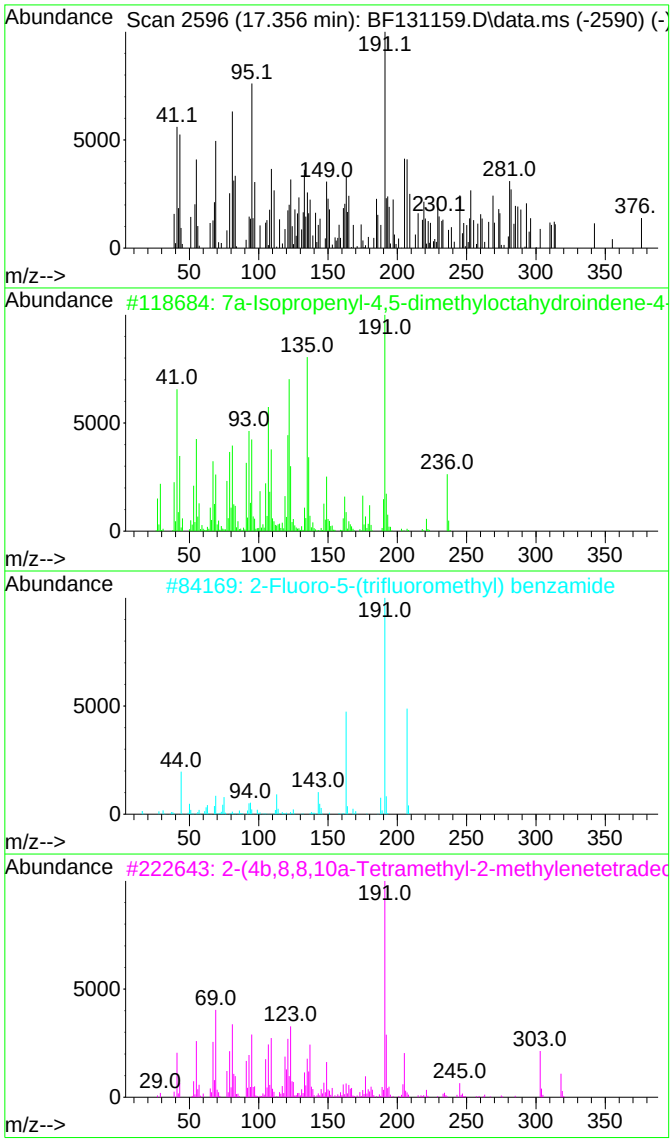
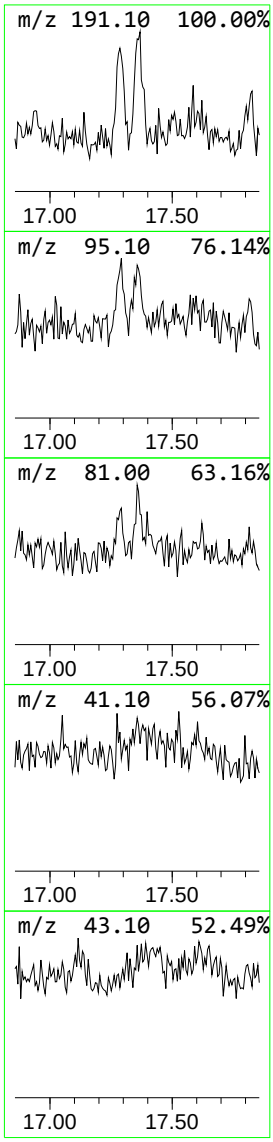
Peak Number 12 unknown17.356 Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.356 | 2.84 ng | 54121 | Perylene-d12 | 15.545 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 7a-Isopropenyl-4,5-dimethyloctah... | 236 | C15H24O2 | 1000192-14-7 | 22 |
| 2 | 2-Fluoro-5-(trifluoromethyl) ben... | 207 | C8H5F4NO | 207919-05-9 | 22 |
| 3 | 2-(4b,8,8,10a-Tetramethyl-2-meth... | 318 | C21H34O2 | 1010488-99-2 | 14 |
| 4 | 3-Hydroxypyridine monoacetate | 137 | C7H7NO2 | 017747-43-2 | 11 |
| 5 | Benzamide, 2-fluoro-5-trifluorom... | 263 | C12H13F4NO | 1000420-16-7 | 11 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111122\
Data File : BF131159.D
Acq On : 11 Nov 2022 18:11
Operator : CG\JU
Sample : N5506-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Butane, 2-metho... | 2.187 | 21.7 | ng | 625028 | 1 | 6.869 | 576167 | 20.0 |
| 3-Penten-2-one,... | 4.481 | 2.7 | ng | 76538 | 1 | 6.869 | 576167 | 20.0 |
| 2-Pentanone, 4-... | 5.098 | 19.7 | ng | 567150 | 1 | 6.869 | 576167 | 20.0 |
| 7-Hexadecenoic ... | 12.498 | 3.6 | ng | 138030 | 4 | 11.404 | 767268 | 20.0 |
| n-Tetracosanol-1 | 13.945 | 7.5 | ng | 183939 | 5 | 14.051 | 487618 | 20.0 |
| Triphenylphosph... | 14.145 | 6.7 | ng | 163778 | 5 | 14.051 | 487618 | 20.0 |
| Tridecane | 14.198 | 2.2 | ng | 52936 | 5 | 14.051 | 487618 | 20.0 |
| 4,8,12-Tetradec... | 14.898 | 4.0 | ng | 75514 | 6 | 15.545 | 380856 | 20.0 |
| unknown15.157 | 15.157 | 2.9 | ng | 54261 | 6 | 15.545 | 380856 | 20.0 |
| unknown15.239 | 15.239 | 2.5 | ng | 47762 | 6 | 15.545 | 380856 | 20.0 |
| Benzo[e]pyrene | 15.415 | 3.7 | ng | 69659 | 6 | 15.545 | 380856 | 20.0 |
| unknown17.356 | 17.356 | 2.8 | ng | 54121 | 6 | 15.545 | 380856 | 20.0 |