LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128241.D
Acq On : 13 May 2022 16:14
Operator : CG\JU
Sample : N2823-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SC-11

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-BF050922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128241.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.587 | 385 | 391 | 394 | rBV | 552277 | 703319 | 32.45% | 3.946% |
| 2 | 5.092 | 474 | 477 | 487 | rVB | 44298 | 47501 | 2.19% | 0.266% |
| 3 | 5.504 | 543 | 547 | 563 | rBV | 949431 | 1123307 | 51.83% | 6.302% |
| 4 | 5.851 | 599 | 606 | 609 | rBV | 1537809 | 2167489 | 100.00% | 12.160% |
| 5 | 6.510 | 715 | 718 | 720 | rBV | 310643 | 284935 | 13.15% | 1.598% |
| 6 | 6.534 | 720 | 722 | 730 | rVB | 162194 | 313549 | 14.47% | 1.759% |
| 7 | 6.628 | 735 | 738 | 746 | rVV2 | 172555 | 248092 | 11.45% | 1.392% |
| 8 | 6.886 | 778 | 782 | 785 | rBV | 420732 | 378843 | 17.48% | 2.125% |
| 9 | 7.063 | 805 | 812 | 815 | rBV | 1089025 | 1478868 | 68.23% | 8.296% |
| 10 | 7.145 | 823 | 826 | 834 | rVB | 116037 | 93215 | 4.30% | 0.523% |
| 11 | 7.357 | 859 | 862 | 866 | rBV | 231065 | 198569 | 9.16% | 1.114% |
| 12 | 7.451 | 873 | 878 | 881 | rBV | 941394 | 797390 | 36.79% | 4.473% |
| 13 | 8.133 | 990 | 994 | 996 | rBV | 32113 | 26780 | 1.24% | 0.150% |
| 14 | 8.169 | 996 | 1000 | 1003 | rVV | 620454 | 487533 | 22.49% | 2.735% |
| 15 | 8.745 | 1095 | 1098 | 1102 | rVB | 72944 | 55057 | 2.54% | 0.309% |
| 16 | 8.939 | 1127 | 1131 | 1139 | rBV | 77808 | 75407 | 3.48% | 0.423% |
| 17 | 9.239 | 1177 | 1182 | 1186 | rBV | 1576455 | 1442667 | 66.56% | 8.093% |
| 18 | 9.310 | 1191 | 1194 | 1197 | rBV | 60962 | 45471 | 2.10% | 0.255% |
| 19 | 9.351 | 1197 | 1201 | 1205 | rBV | 336836 | 290894 | 13.42% | 1.632% |
| 20 | 9.716 | 1260 | 1263 | 1270 | rBV | 158752 | 185834 | 8.57% | 1.043% |
| 21 | 9.839 | 1281 | 1284 | 1288 | rVB | 39868 | 31972 | 1.48% | 0.179% |
| 22 | 9.922 | 1295 | 1298 | 1302 | rVB | 639835 | 573334 | 26.45% | 3.216% |
| 23 | 10.274 | 1356 | 1358 | 1362 | rBV | 38446 | 39638 | 1.83% | 0.222% |
| 24 | 10.339 | 1367 | 1369 | 1372 | rVV | 56801 | 41132 | 1.90% | 0.231% |
| 25 | 10.469 | 1387 | 1391 | 1394 | rBV | 284023 | 248691 | 11.47% | 1.395% |
| 26 | 10.716 | 1429 | 1433 | 1443 | rBV | 1039270 | 940667 | 43.40% | 5.277% |
| 27 | 10.816 | 1447 | 1450 | 1454 | rVV2 | 47702 | 56353 | 2.60% | 0.316% |
| 28 | 10.857 | 1454 | 1457 | 1460 | rVB2 | 30066 | 29497 | 1.36% | 0.165% |
| 29 | 11.180 | 1509 | 1512 | 1516 | rBV | 75004 | 64131 | 2.96% | 0.360% |
| 30 | 11.216 | 1516 | 1518 | 1523 | rVB2 | 35776 | 33134 | 1.53% | 0.186% |
| 31 | 11.263 | 1523 | 1526 | 1528 | rBV | 57113 | 45254 | 2.09% | 0.254% |
| 32 | 11.292 | 1528 | 1531 | 1537 | rVB2 | 41232 | 49164 | 2.27% | 0.276% |
| 33 | 11.416 | 1548 | 1552 | 1555 | rBV | 722017 | 587761 | 27.12% | 3.297% |
| 34 | 11.457 | 1555 | 1559 | 1561 | rVB2 | 16758 | 25110 | 1.16% | 0.141% |
| 35 | 11.580 | 1576 | 1580 | 1584 | rBV5 | 14833 | 29194 | 1.35% | 0.164% |
| 36 | 11.639 | 1584 | 1590 | 1596 | rVB4 | 26713 | 52063 | 2.40% | 0.292% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128241.D
Acq On : 13 May 2022 16:14
Operator : CG\JU
Sample : N2823-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SC-11

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-BF050922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 11.692 | 1596 | 1599 | 1601 | rBV | 94774 | 73624 | 3.40% | 0.413% |
| 38 | 11.857 | 1621 | 1627 | 1629 | rBV7 | 14644 | 23717 | 1.09% | 0.133% |
| 39 | 12.098 | 1665 | 1668 | 1671 | rBV | 177115 | 137736 | 6.35% | 0.773% |
| 40 | 12.251 | 1691 | 1694 | 1697 | rBV5 | 19299 | 22376 | 1.03% | 0.126% |
| 41 | 12.368 | 1708 | 1714 | 1715 | rBV | 53826 | 67536 | 3.12% | 0.379% |
| 42 | 12.451 | 1725 | 1728 | 1731 | rBV3 | 22016 | 28625 | 1.32% | 0.161% |
| 43 | 12.486 | 1731 | 1734 | 1738 | rVB | 233680 | 194333 | 8.97% | 1.090% |
| 44 | 12.592 | 1749 | 1752 | 1756 | rVV2 | 29032 | 33716 | 1.56% | 0.189% |
| 45 | 12.627 | 1756 | 1758 | 1764 | rVB2 | 36338 | 44523 | 2.05% | 0.250% |
| 46 | 12.698 | 1768 | 1770 | 1773 | rBV4 | 25186 | 30087 | 1.39% | 0.169% |
| 47 | 12.768 | 1779 | 1782 | 1786 | rVV3 | 19742 | 27583 | 1.27% | 0.155% |
| 48 | 12.863 | 1792 | 1798 | 1800 | rBV | 198657 | 192896 | 8.90% | 1.082% |
| 49 | 12.904 | 1800 | 1805 | 1810 | rVV | 468985 | 450826 | 20.80% | 2.529% |
| 50 | 12.998 | 1817 | 1821 | 1825 | rVB | 1254056 | 1200534 | 55.39% | 6.735% |
| 51 | 13.215 | 1855 | 1858 | 1861 | rBV | 170619 | 133321 | 6.15% | 0.748% |
| 52 | 13.286 | 1867 | 1870 | 1876 | rVV6 | 23855 | 26188 | 1.21% | 0.147% |
| 53 | 13.339 | 1876 | 1879 | 1883 | rVB3 | 31366 | 36137 | 1.67% | 0.203% |
| 54 | 13.415 | 1889 | 1892 | 1893 | rBV2 | 21776 | 22051 | 1.02% | 0.124% |
| 55 | 13.468 | 1898 | 1901 | 1904 | rVB | 64072 | 59817 | 2.76% | 0.336% |
| 56 | 13.551 | 1912 | 1915 | 1922 | rVB2 | 257079 | 283009 | 13.06% | 1.588% |
| 57 | 13.710 | 1940 | 1942 | 1945 | rVB | 40365 | 36164 | 1.67% | 0.203% |
| 58 | 13.886 | 1969 | 1972 | 1976 | rBV | 118755 | 100635 | 4.64% | 0.565% |
| 59 | 14.021 | 1992 | 1995 | 1998 | rBV | 197729 | 173942 | 8.03% | 0.976% |
| 60 | 14.062 | 1998 | 2002 | 2005 | rVB | 417052 | 358829 | 16.56% | 2.013% |
| 61 | 14.151 | 2014 | 2017 | 2022 | rVV | 69996 | 67678 | 3.12% | 0.380% |
| 62 | 14.204 | 2023 | 2026 | 2029 | rVB | 77020 | 63889 | 2.95% | 0.358% |
| 63 | 14.304 | 2040 | 2043 | 2047 | rBV6 | 20875 | 23407 | 1.08% | 0.131% |
| 64 | 14.509 | 2074 | 2078 | 2081 | rBV | 65778 | 64634 | 2.98% | 0.363% |
| 65 | 14.815 | 2127 | 2130 | 2136 | rVB | 47608 | 53446 | 2.47% | 0.300% |
| 66 | 15.162 | 2185 | 2189 | 2192 | rVB | 40745 | 45012 | 2.08% | 0.253% |
| 67 | 15.551 | 2250 | 2255 | 2262 | rVB | 331730 | 421916 | 19.47% | 2.367% |
| 68 | 15.992 | 2327 | 2330 | 2335 | rVB3 | 23083 | 35331 | 1.63% | 0.198% |

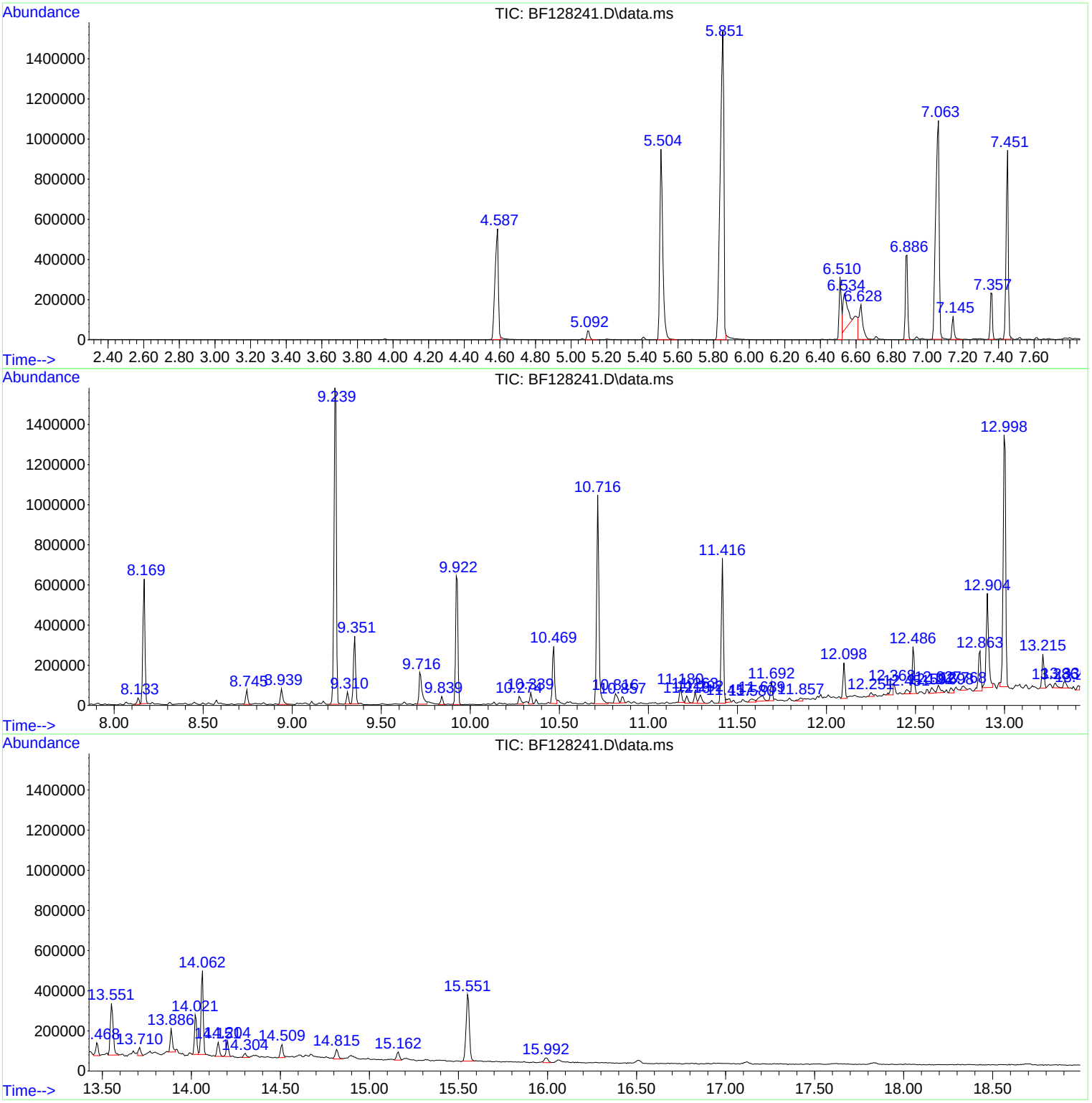
Sum of corrected areas: 17825333

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128241.D
Acq On : 13 May 2022 16:14
Operator : CG\JU
Sample : N2823-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SC-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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\BF051322\
Data File : BF128241.D
Acq On : 13 May 2022 16:14
Operator : CG\JU
Sample : N2823-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SC-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

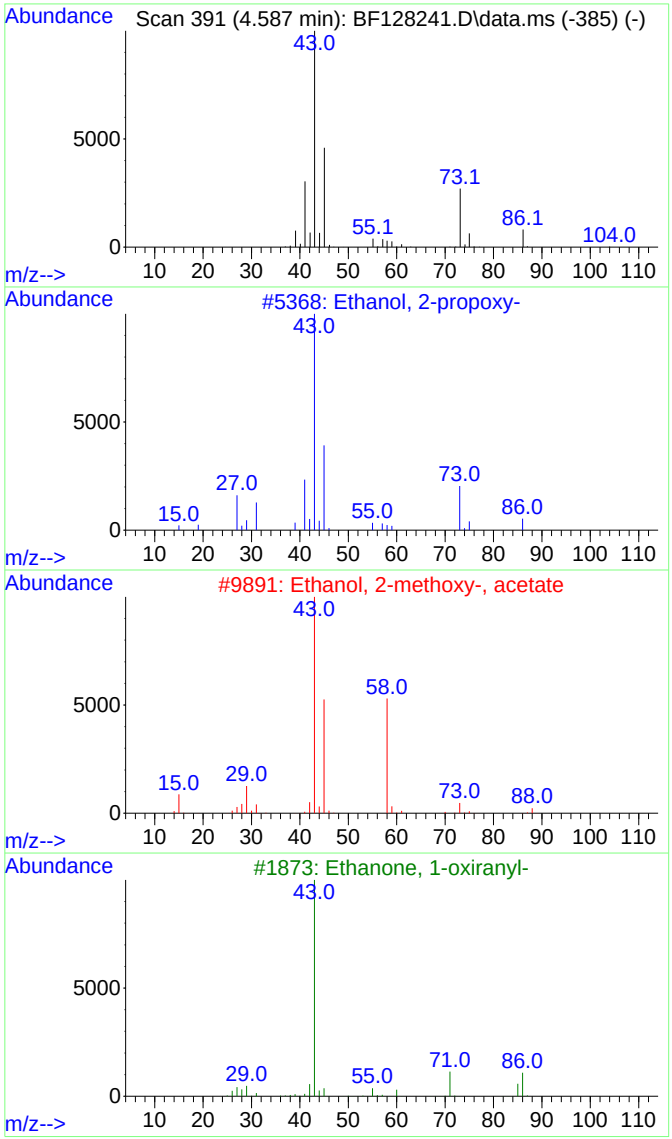
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

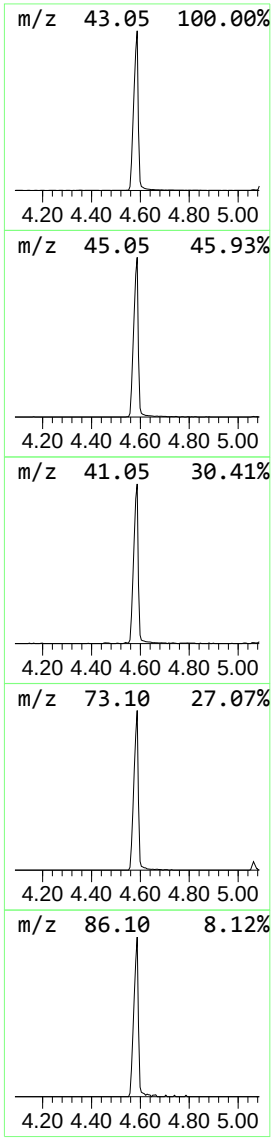
**********

Peak Number 1 Ethanol, 2-propoxy- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.587 | 37.13 ng | 703319 | 1,4-Dichlorobenzene-d4 | 6.886 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2-propoxy- | 104 | C5H12O2 | 002807-30-9 | 83 |
| 2 | Ethanol, 2-methoxy-, acetate | 118 | C5H10O3 | 000110-49-6 | 33 |
| 3 | Ethanone, 1-oxiranyl- | 86 | C4H6O2 | 004401-11-0 | 10 |
| 4 | Acetic acid ethenyl ester | 86 | C4H6O2 | 000108-05-4 | 9 |
| 5 | Isobutane | 58 | C4H10 | 000075-28-5 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128241.D
Acq On : 13 May 2022 16:14
Operator : CG\JU
Sample : N2823-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SC-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

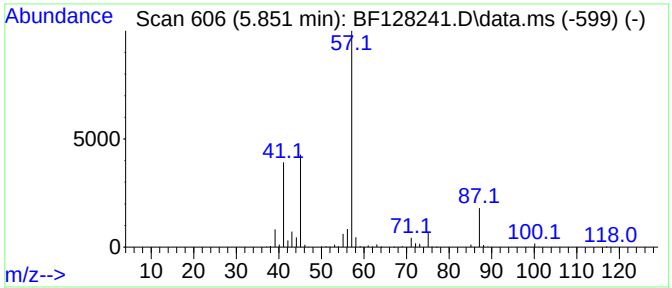
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

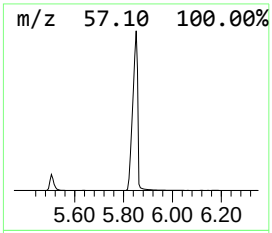
**********

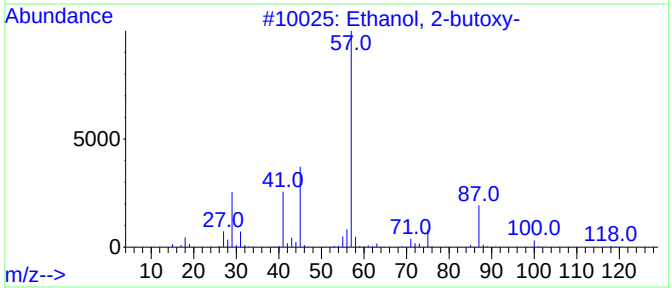
Peak Number 2 Ethanol, 2-butoxy- Concentration Rank 1

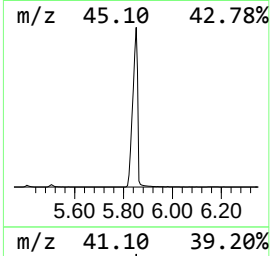
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.851 | 114.43 ng | 2167490 | 1,4-Dichlorobenzene-d4 | 6.886 |

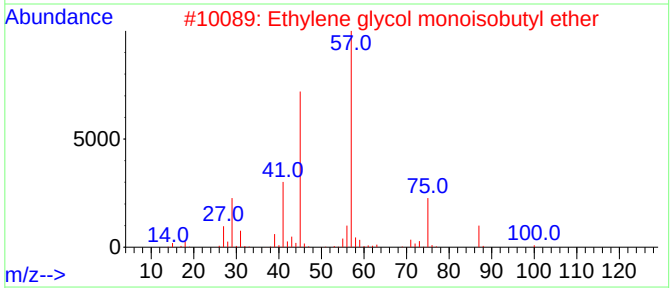
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2-butoxy- | 118 | C6H14O2 | 000111-76-2 | 91 |
| 2 | Ethylene glycol monoisobutyl ether | 118 | C6H14O2 | 004439-24-1 | 64 |
| 3 | 3,3-Dimethylbutane-2-ol | 102 | C6H14O | 000464-07-3 | 40 |
| 4 | Propanoic acid, 2-methylpropyl e... | 130 | C7H14O2 | 000540-42-1 | 25 |
| 5 | 1-Butene, 4-butoxy- | 128 | C8H16O | 034061-76-2 | 12 |

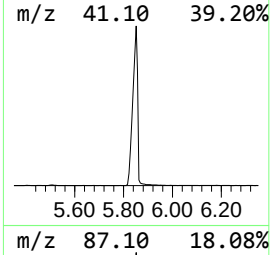


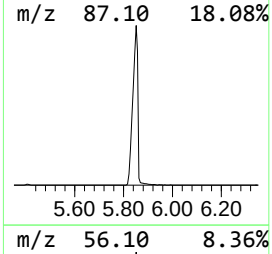



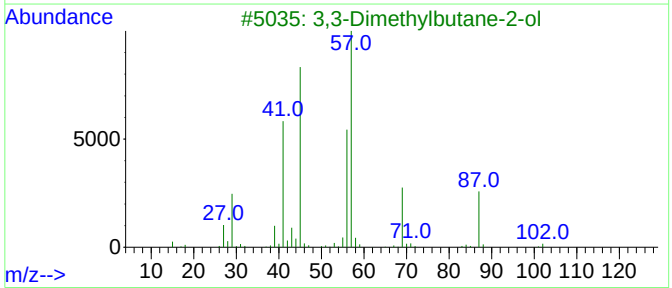



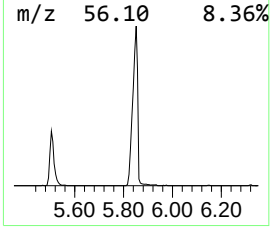



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128241.D
Acq On : 13 May 2022 16:14
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Sample : N2823-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SC-11

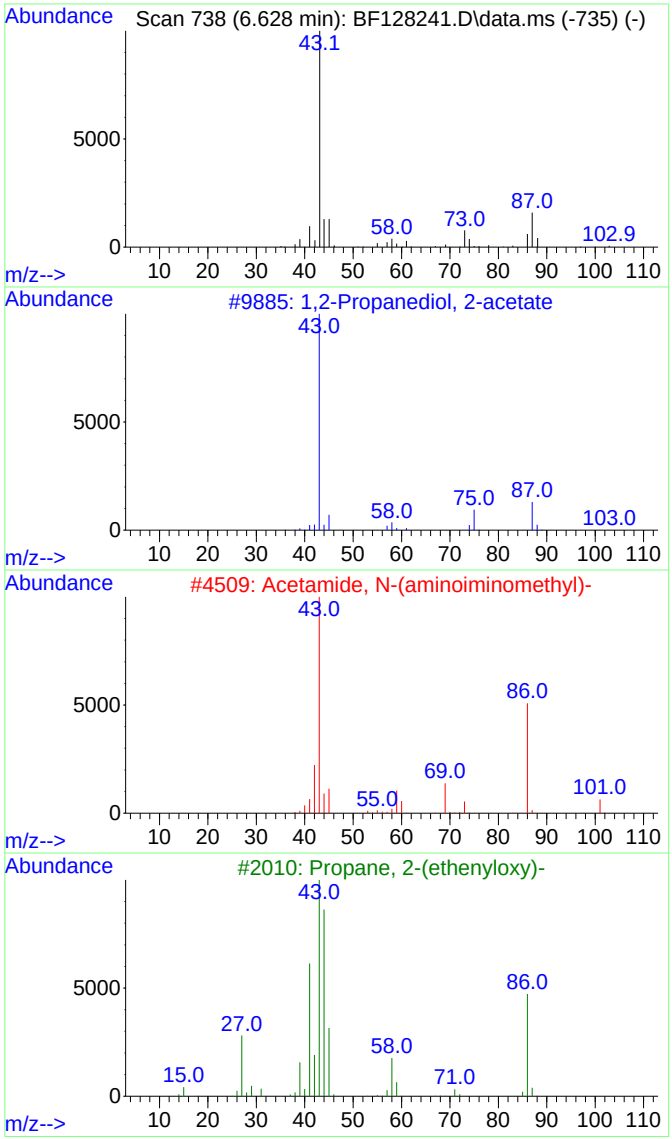
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

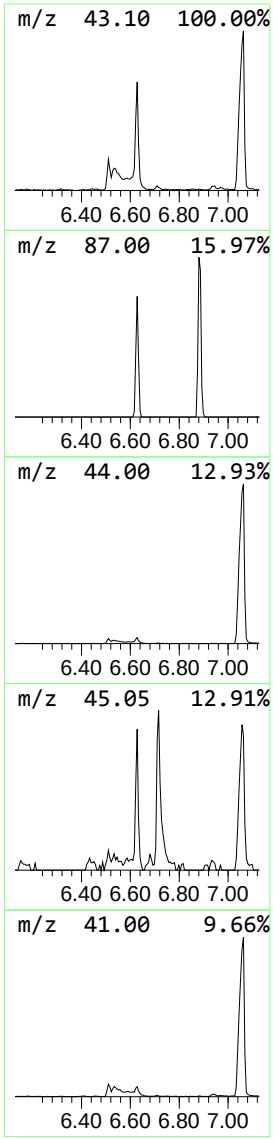
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 1,2-Propanediol, 2-acetate Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.628 | 13.10 ng | 248092 | 1,4-Dichlorobenzene-d4 | 6.886 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,2-Propanediol, 2-acetate | 118 | C5H10O3 | 006214-01-3 | 53 |
| 2 | Acetamide, N-(aminoiminomethyl)- | 101 | C3H7N3O | 005699-40-1 | 30 |
| 3 | Propane, 2-(ethenyloxy)- | 86 | C5H10O | 000926-65-8 | 10 |
| 4 | Allyl acetate | 100 | C5H8O2 | 000591-87-7 | 9 |
| 5 | 2-OXOPROPIONAMIDE | 87 | C3H5NO2 | 000631-66-3 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128241.D
Acq On : 13 May 2022 16:14
Operator : CG\JU
Sample : N2823-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SC-11

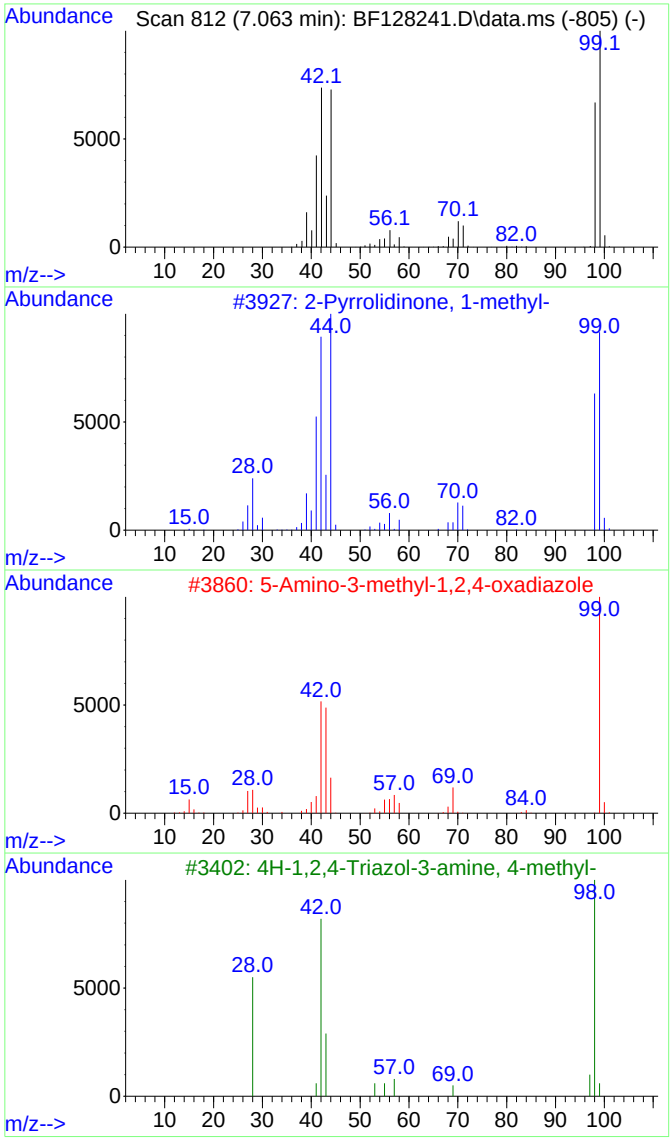
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

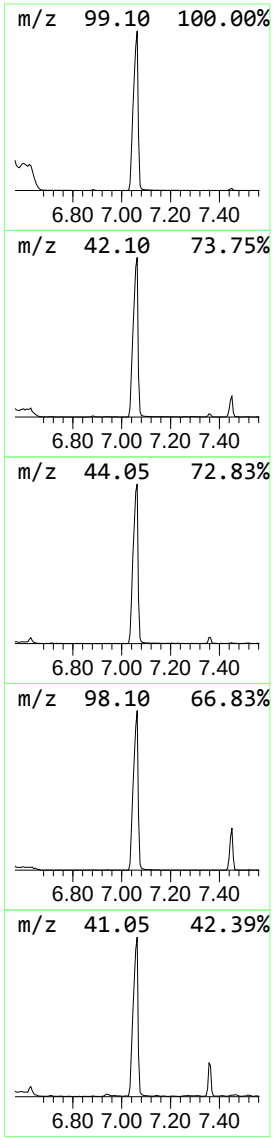
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 2-Pyrrolidinone, 1-methyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.063 | 78.07 ng | 1478870 | 1,4-Dichlorobenzene-d4 | 6.886 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pyrrolidinone, 1-methyl- | 99 | C5H9NO | 000872-50-4 | 97 |
| 2 | 5-Amino-3-methyl-1,2,4-oxadiazole | 99 | C3H5N3O | 003663-39-6 | 50 |
| 3 | 4H-1,2,4-Triazol-3-amine, 4-methyl- | 98 | C3H6N4 | 016681-76-8 | 35 |
| 4 | Methyl[(3-methyl-1,2,4-oxadiazol... | 127 | C5H9N3O | 1000443-97-6 | 28 |
| 5 | 2-Piperidinone | 99 | C5H9NO | 000675-20-7 | 25 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128241.D
Acq On : 13 May 2022 16:14
Operator : CG\JU
Sample : N2823-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SC-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

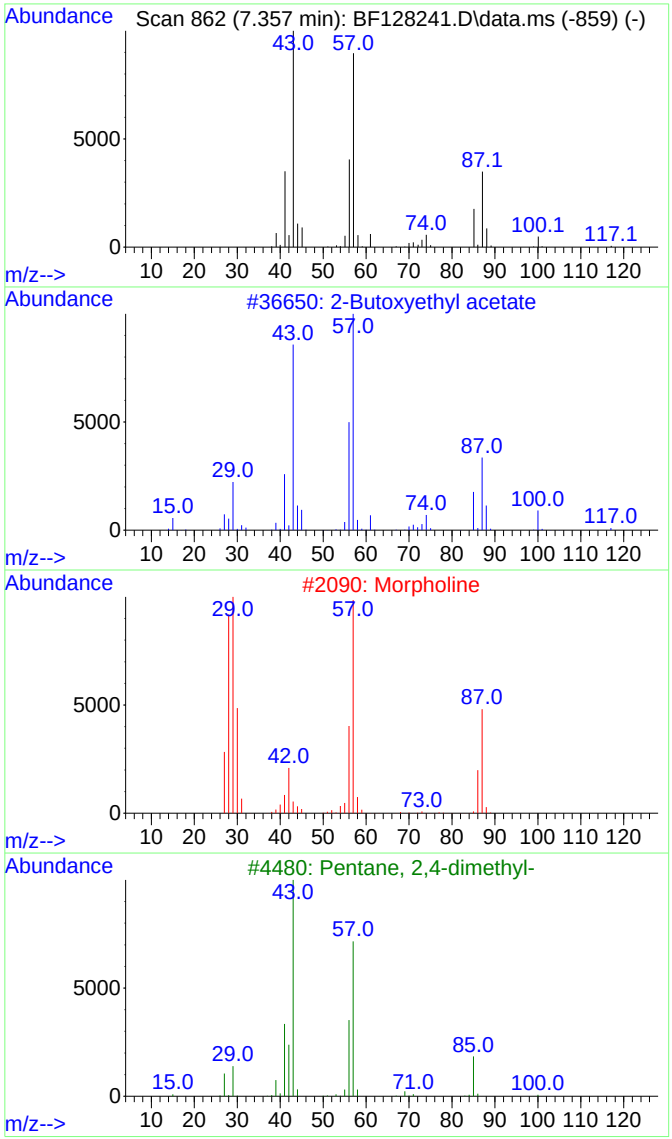
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

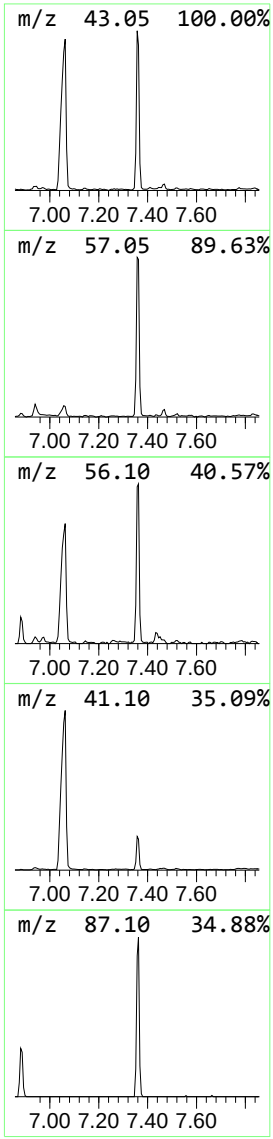
**********

Peak Number 5 2-Butoxyethyl acetate Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.357 | 10.48 ng | 198569 | 1,4-Dichlorobenzene-d4 | 6.886 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Butoxyethyl acetate | 160 | C8H16O3 | 000112-07-2 | 83 |
| 2 | Morpholine | 87 | C4H9NO | 000110-91-8 | 47 |
| 3 | Pentane, 2,4-dimethyl- | 100 | C7H16 | 000108-08-7 | 37 |
| 4 | 2-Isobutoxyethyl acetate | 160 | C8H16O3 | 039220-44-5 | 25 |
| 5 | Hexane, 2,2,4-trimethyl- | 128 | C9H20 | 016747-26-5 | 17 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128241.D
Acq On : 13 May 2022 16:14
Operator : CG\JU
Sample : N2823-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SC-11

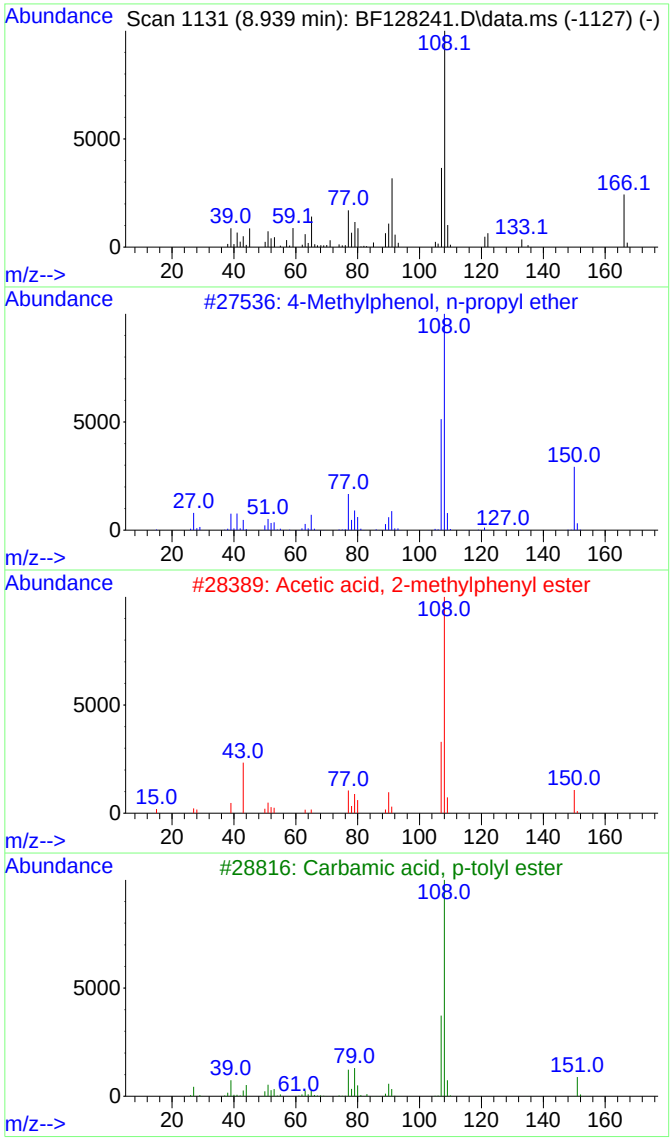
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

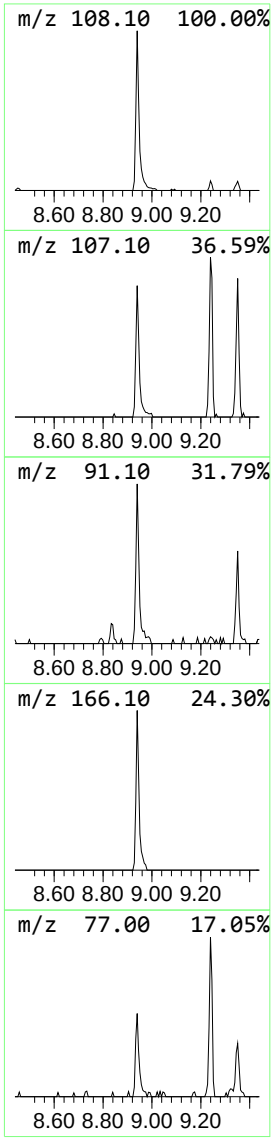
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 4-Methylphenol, n-propyl ether Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.939 | 3.09 ng | 75407 | Naphthalene-d8 | 8.169 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Methylphenol, n-propyl ether | 150 | C10H14O | 1000395-16-2 | 59 |
| 2 | Acetic acid, 2-methylphenyl ester | 150 | C9H10O2 | 000533-18-6 | 59 |
| 3 | Carbamic acid, p-tolyl ester | 151 | C8H9NO2 | 001850-13-1 | 59 |
| 4 | Carbamic acid, methyl-, 3-methyl... | 165 | C9H11NO2 | 001129-41-5 | 59 |
| 5 | m-Cresyl acetate | 150 | C9H10O2 | 000122-46-3 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128241.D
Acq On : 13 May 2022 16:14
Operator : CG\JU
Sample : N2823-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SC-11

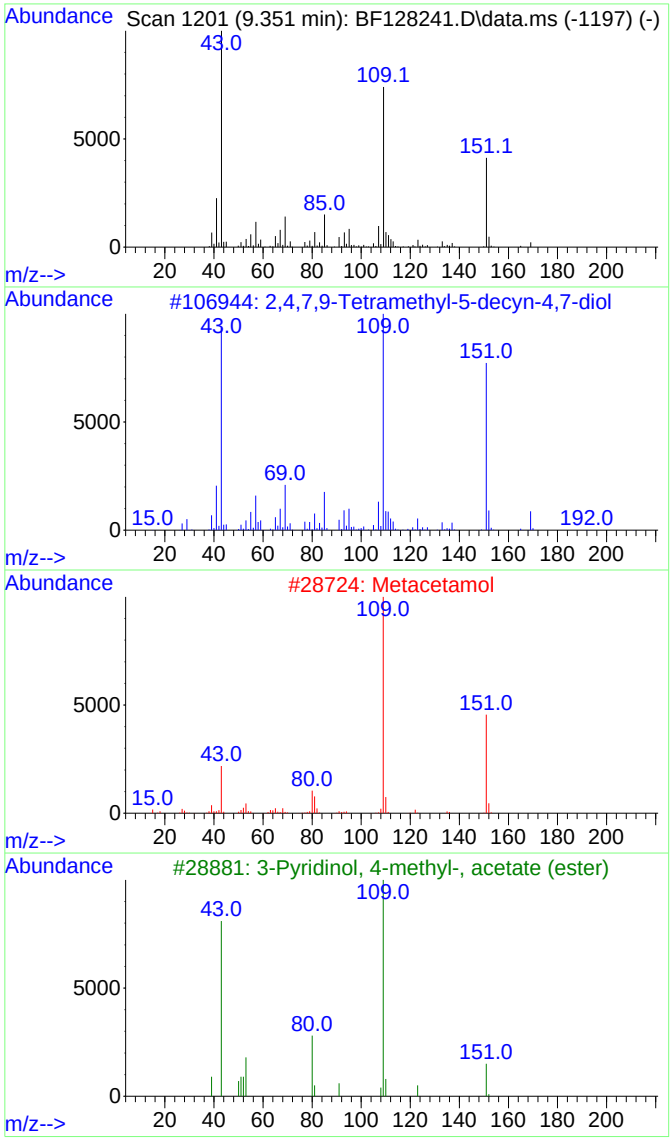
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

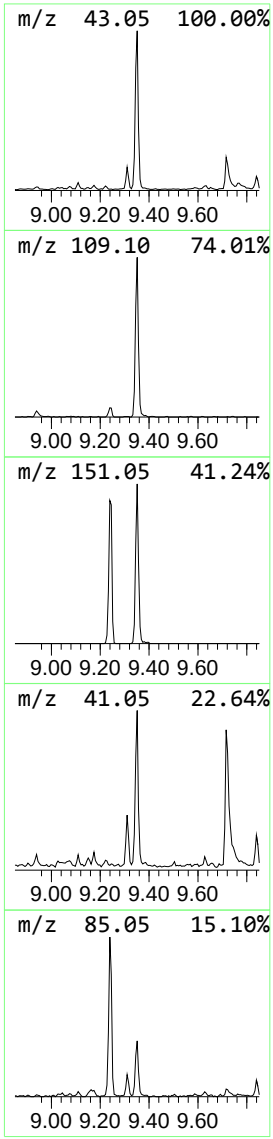
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.351 | 10.15 ng | 290894 | Acenaphthene-d10 | 9.927 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,4,7,9-Tetramethyl-5-decyn-4,7-... | 226 | C14H26O2 | 000126-86-3 | 91 |
| 2 | Metacetamol | 151 | C8H9NO2 | 000621-42-1 | 59 |
| 3 | 3-Pyridinol, 4-methyl-, acetate ... | 151 | C8H9NO2 | 001006-96-8 | 59 |
| 4 | Cyclopentanol, 1-(methylenecyclo... | 138 | C9H14O | 086951-58-8 | 55 |
| 5 | Pyridine, 2-butyl-, 1-oxide | 151 | C9H13NO | 031396-32-4 | 45 |



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Data File : BF128241.D
Acq On : 13 May 2022 16:14
Operator : CG\JU
Sample : N2823-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SC-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

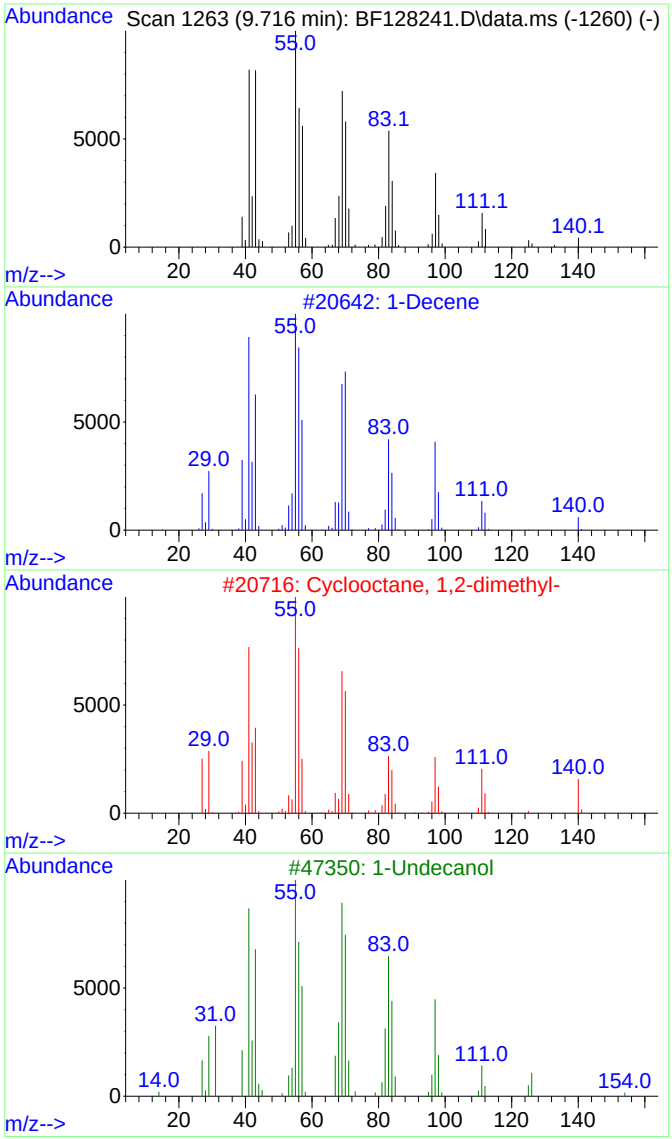
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

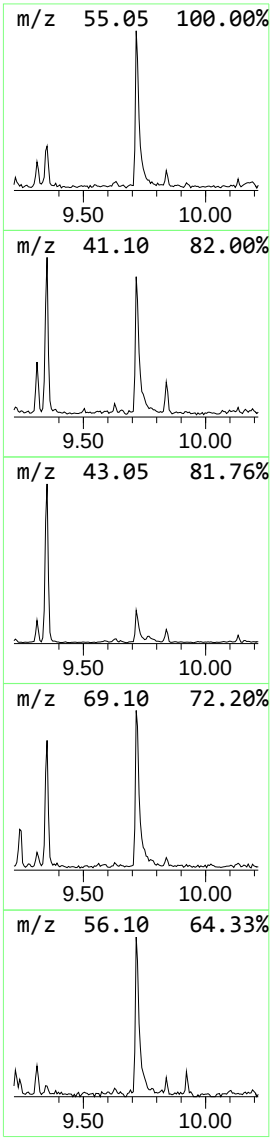
**********

Peak Number 8 1-Decene Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.716 | 6.48 ng | 185834 | Acenaphthene-d10 | 9.927 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Decene | 140 | C10H20 | 000872-05-9 | 93 |
| 2 | Cyclooctane, 1,2-dimethyl- | 140 | C10H20 | 013151-94-5 | 93 |
| 3 | 1-Undecanol | 172 | C11H24O | 000112-42-5 | 91 |
| 4 | 4-Heptafluorobutyryloxyhexadecane | 438 | C20H33F7O2 | 1010282-97-2 | 90 |
| 5 | E-11,13-Tetradecadien-1-ol | 210 | C14H26O | 1000131-00-3 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128241.D
Acq On : 13 May 2022 16:14
Operator : CG\JU
Sample : N2823-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SC-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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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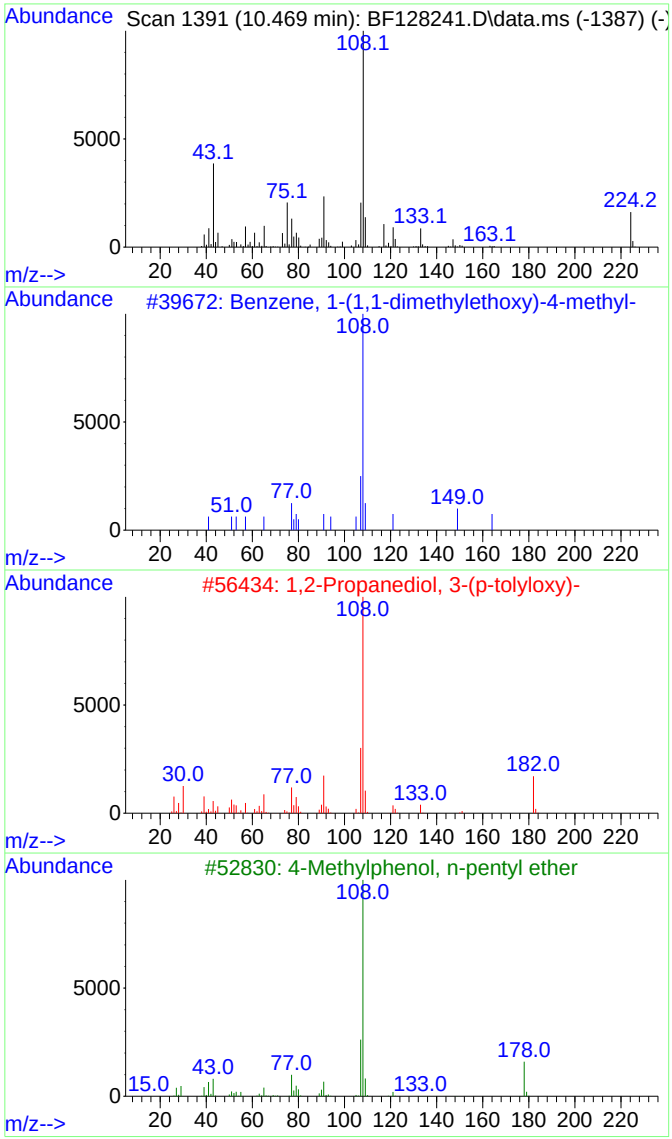
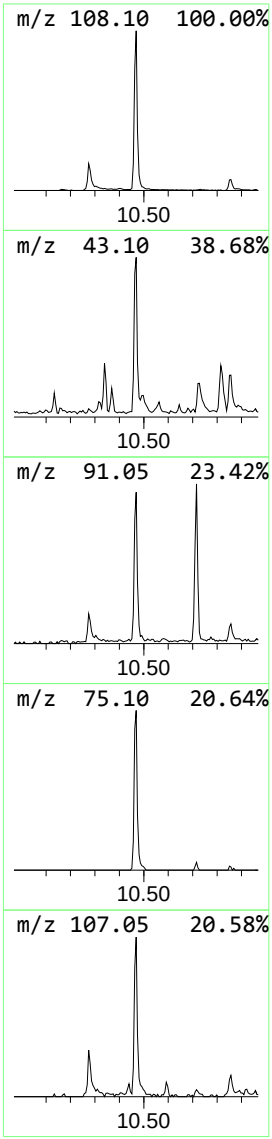
Peak Number 9 Benzene, 1-(1,1-dimethyleth... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.469 | 8.68 ng | 248691 | Acenaphthene-d10 | 9.927 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-(1,1-dimethylethoxy)-... | 164 | C11H16O | 015359-98-5 | 50 |
| 2 | 1,2-Propanediol, 3-(p-tolyloxy)- | 182 | C10H14O3 | 017131-24-7 | 50 |
| 3 | 4-Methylphenol, n-pentyl ether | 178 | C12H18O | 1000395-15-8 | 50 |
| 4 | 1,2-Benzenediamine | 108 | C6H8N2 | 000095-54-5 | 49 |
| 5 | p-Tolyl isobutyrate | 178 | C11H14O2 | 000103-93-5 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
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Acq On : 13 May 2022 16:14
Operator : CG\JU
Sample : N2823-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SC-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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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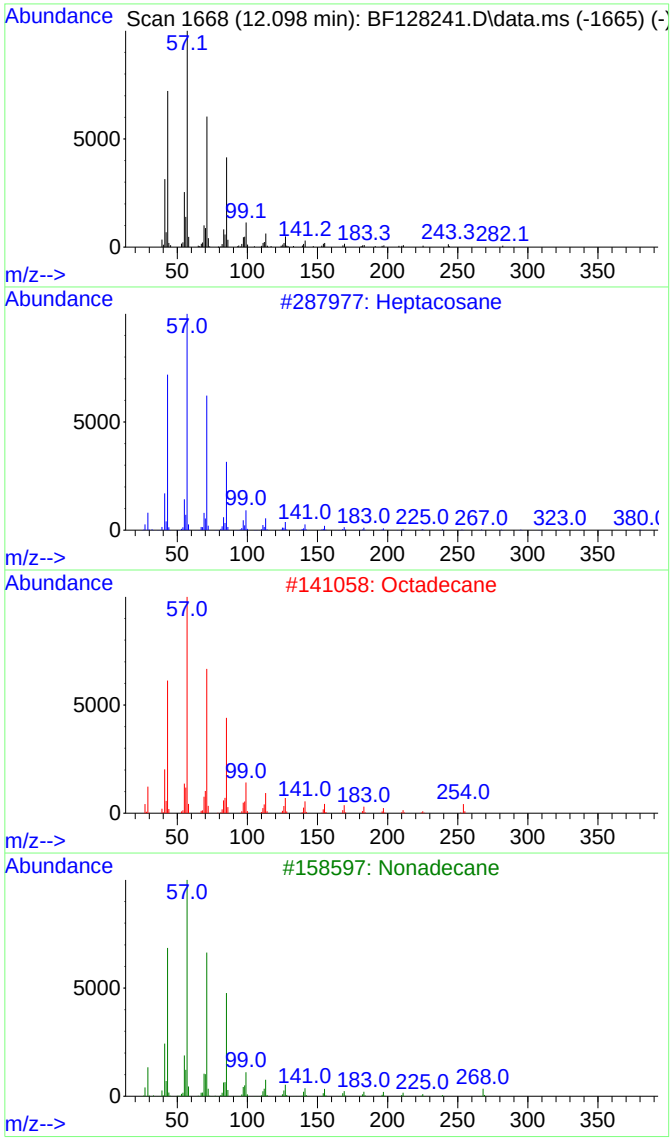
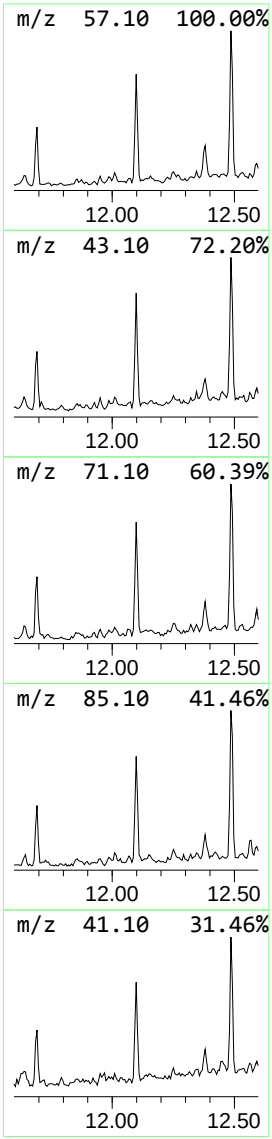
Peak Number 10 Heptacosane Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.098 | 4.69 ng | 137736 | Phenanthrene-d10 | 11.416 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptacosane | 380 | C27H56 | 000593-49-7 | 91 |
| 2 | Octadecane | 254 | C18H38 | 000593-45-3 | 91 |
| 3 | Nonadecane | 268 | C19H40 | 000629-92-5 | 91 |
| 4 | Heptadecane | 240 | C17H36 | 000629-78-7 | 90 |
| 5 | Tetracosane | 338 | C24H50 | 000646-31-1 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128241.D
Acq On : 13 May 2022 16:14
Operator : CG\JU
Sample : N2823-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SC-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

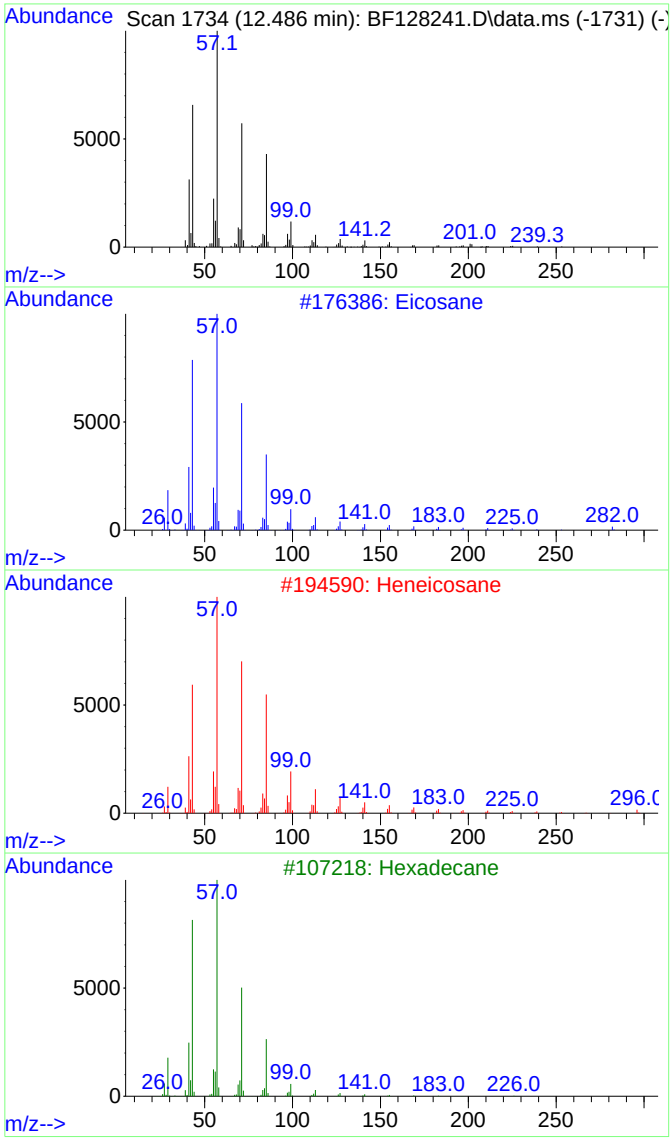
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

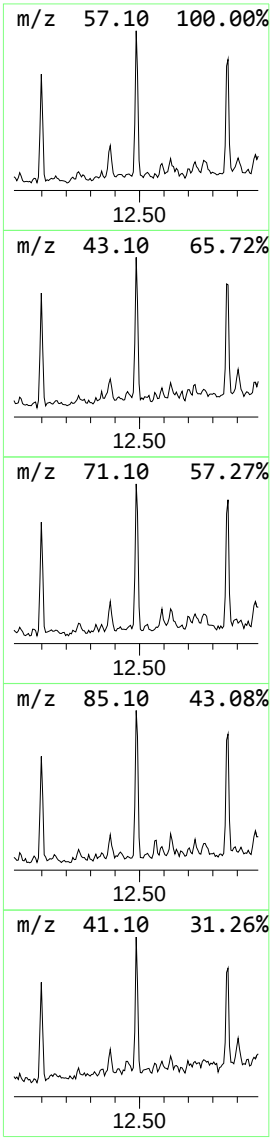
**********

Peak Number 11 Eicosane Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.486 | 6.61 ng | 194333 | Phenanthrene-d10 | 11.416 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane | 282 | C20H42 | 000112-95-8 | 91 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 90 |
| 4 | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 86 |
| 5 | Heptadecane, 8-methyl- | 254 | C18H38 | 013287-23-5 | 86 |



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Data File : BF128241.D
Acq On : 13 May 2022 16:14
Operator : CG\JU
Sample : N2823-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SC-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

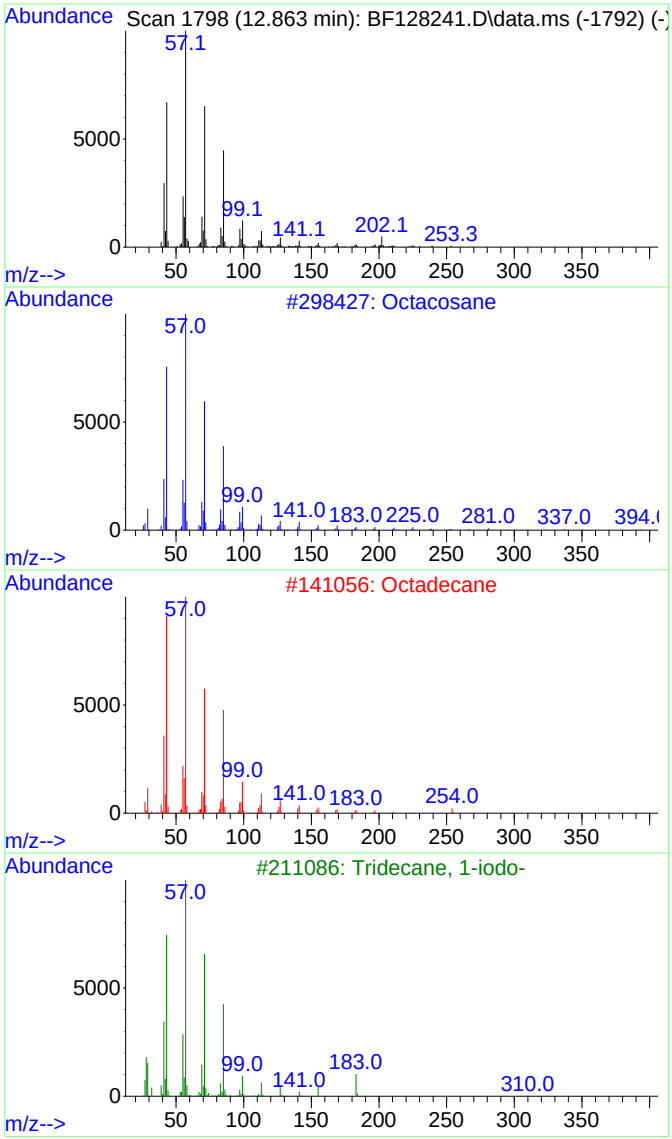
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

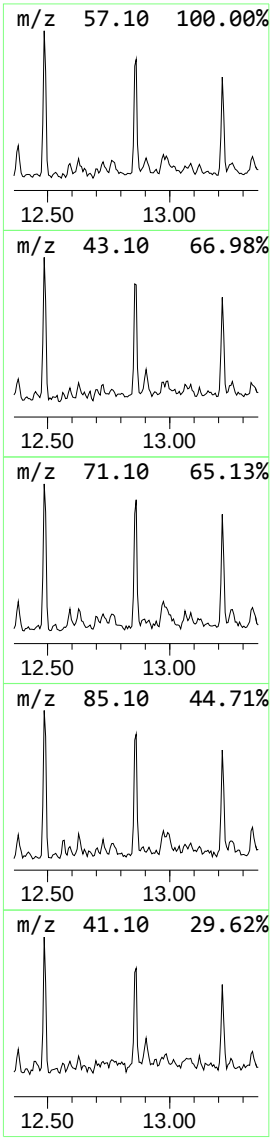
**********

Peak Number 12 Octacosane Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.863 | 10.75 ng | 192896 | Chrysene-d12 | 14.062 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octacosane | 394 | C28H58 | 000630-02-4 | 91 |
| 2 | Octadecane | 254 | C18H38 | 000593-45-3 | 91 |
| 3 | Tridecane, 1-iodo- | 310 | C13H27I | 035599-77-0 | 86 |
| 4 | 2-Bromo dodecane | 248 | C12H25Br | 013187-99-0 | 86 |
| 5 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 86 |



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Data File : BF128241.D
Acq On : 13 May 2022 16:14
Operator : CG\JU
Sample : N2823-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SC-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

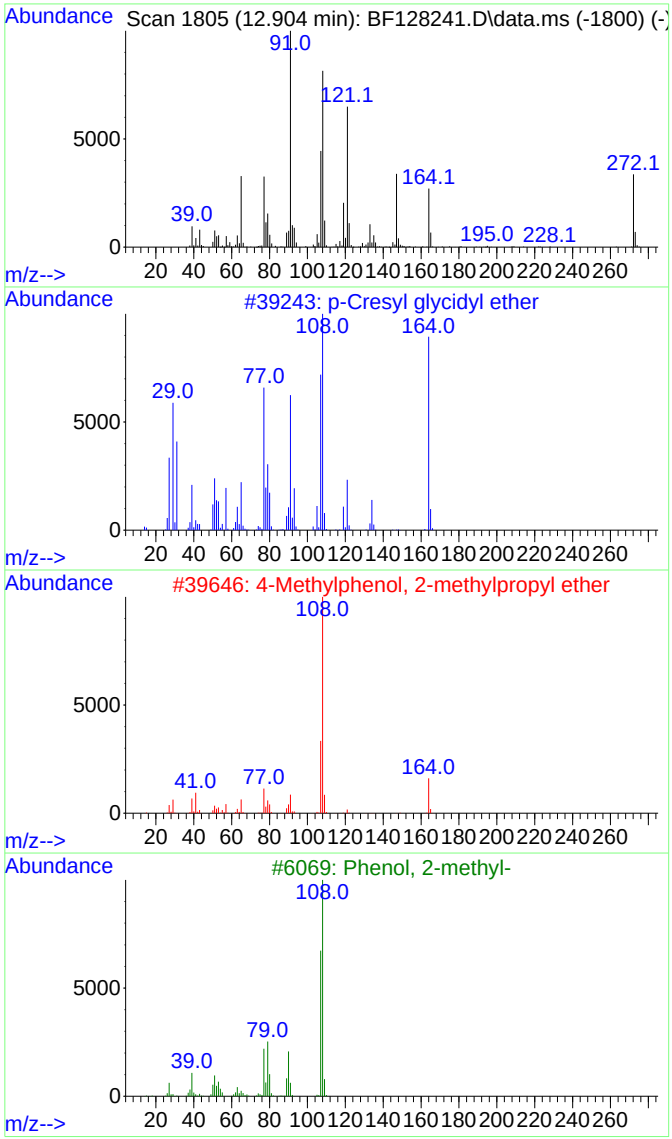
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

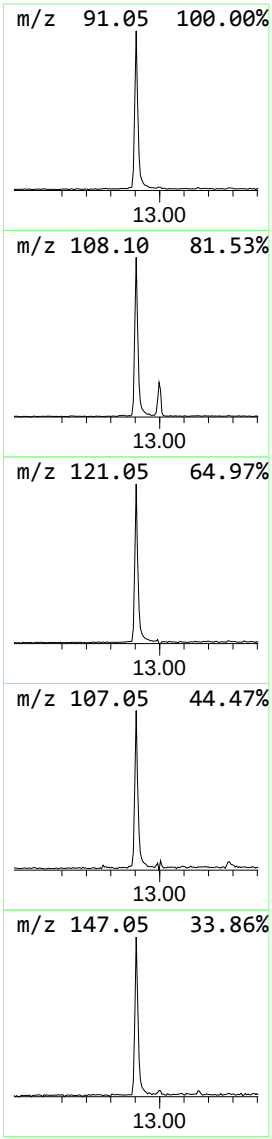
**********

Peak Number 13 unknown12.904 Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.904 | 25.13 ng | 450826 | Chrysene-d12 | 14.062 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | p-Cresyl glycidyl ether | 164 | C10H12O2 | 002186-24-5 | 49 |
| 2 | 4-Methylphenol, 2-methylpropyl e... | 164 | C11H16O | 1010395-16-3 | 43 |
| 3 | Phenol, 2-methyl- | 108 | C7H8O | 000095-48-7 | 43 |
| 4 | Propionic acid 2-phenylhydrazide | 164 | C9H12N2O | 020730-02-3 | 43 |
| 5 | Propanoic acid, phenylmethyl ester | 164 | C10H12O2 | 000122-63-4 | 41 |



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Data File : BF128241.D
Acq On : 13 May 2022 16:14
Operator : CG\JU
Sample : N2823-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SC-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

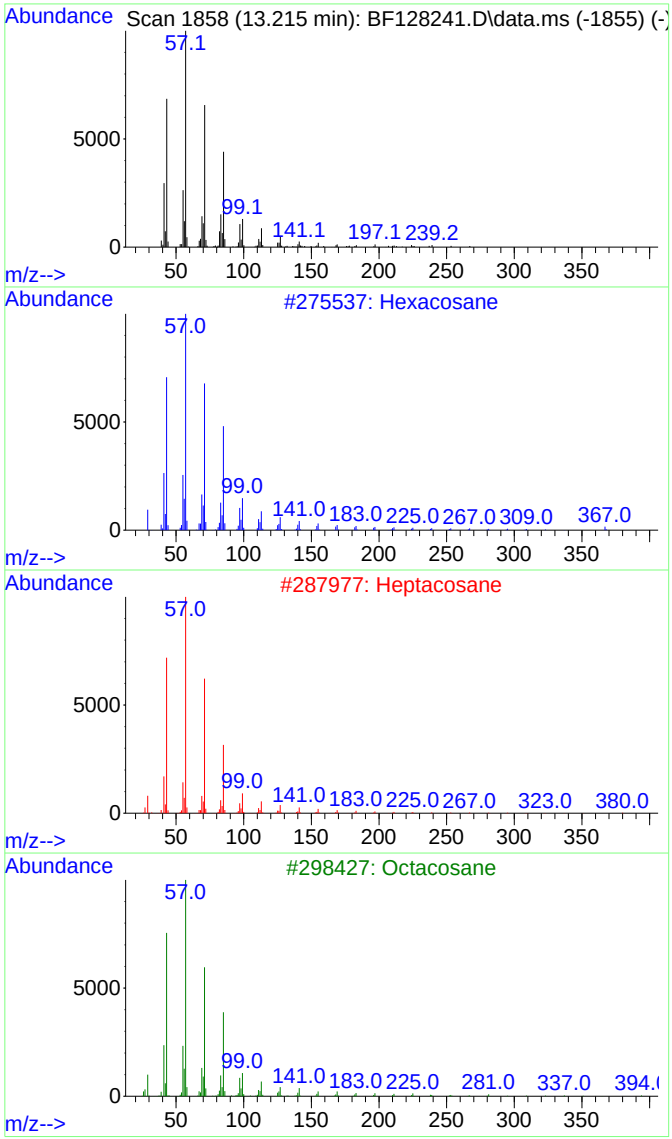
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

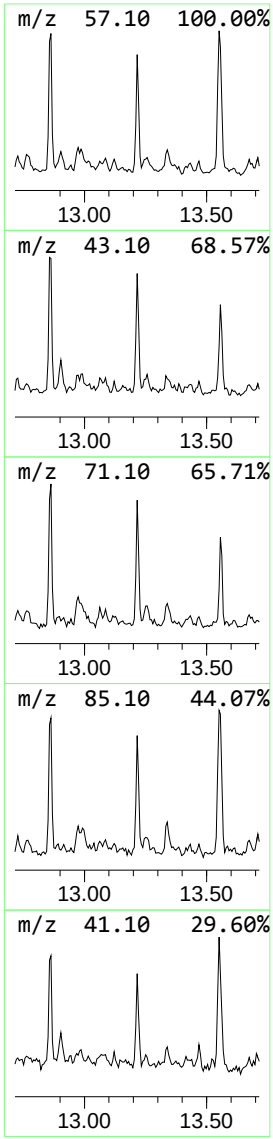
**********

Peak Number 14 Hexacosane Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.215 | 7.43 ng | 133321 | Chrysene-d12 | 14.062 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexacosane | 366 | C26H54 | 000630-01-3 | 91 |
| 2 | Heptacosane | 380 | C27H56 | 000593-49-7 | 90 |
| 3 | Octacosane | 394 | C28H58 | 000630-02-4 | 86 |
| 4 | Tridecane, 1-iodo- | 310 | C13H27I | 035599-77-0 | 86 |
| 5 | Pentadecane | 212 | C15H32 | 000629-62-9 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128241.D
Acq On : 13 May 2022 16:14
Operator : CG\JU
Sample : N2823-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SC-11

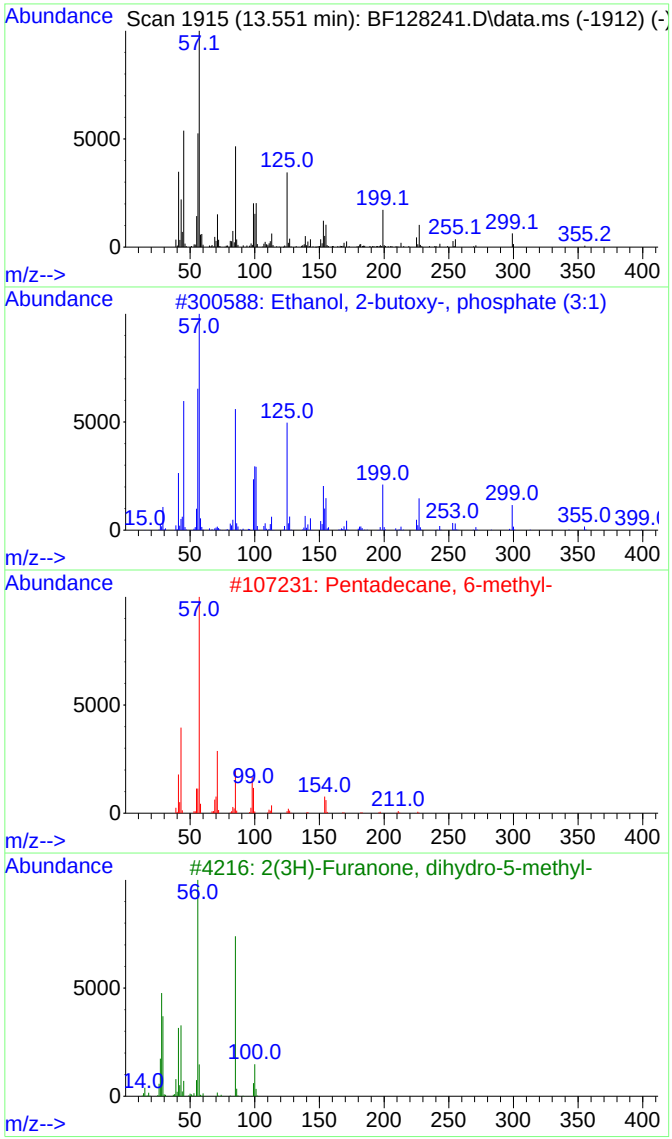
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

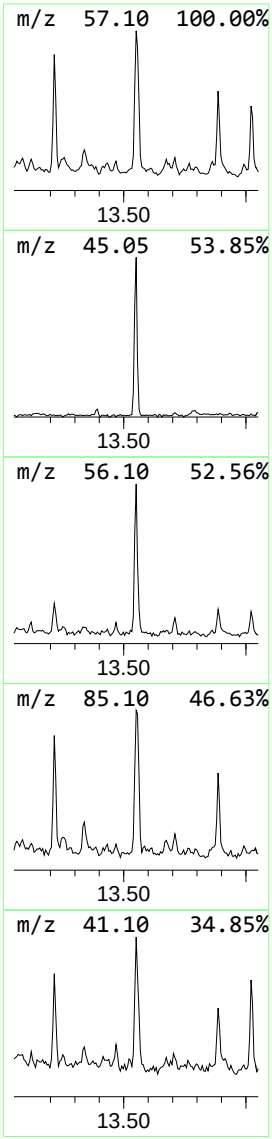
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 Ethanol, 2-butoxy-, phospha... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.551 | 15.77 ng | 283009 | Chrysene-d12 | 14.062 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2-butoxy-, phosphate (3:1) | 398 | C18H39O7P | 000078-51-3 | 83 |
| 2 | Pentadecane, 6-methyl- | 226 | C16H34 | 010105-38-1 | 30 |
| 3 | 2(3H)-Furanone, dihydro-5-methyl- | 100 | C5H8O2 | 000108-29-2 | 27 |
| 4 | Pentane, 2,2-dimethyl- | 100 | C7H16 | 000590-35-2 | 22 |
| 5 | Tridecane, 2-methyl- | 198 | C14H30 | 001560-96-9 | 18 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128241.D
Acq On : 13 May 2022 16:14
Operator : CG\JU
Sample : N2823-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SC-11

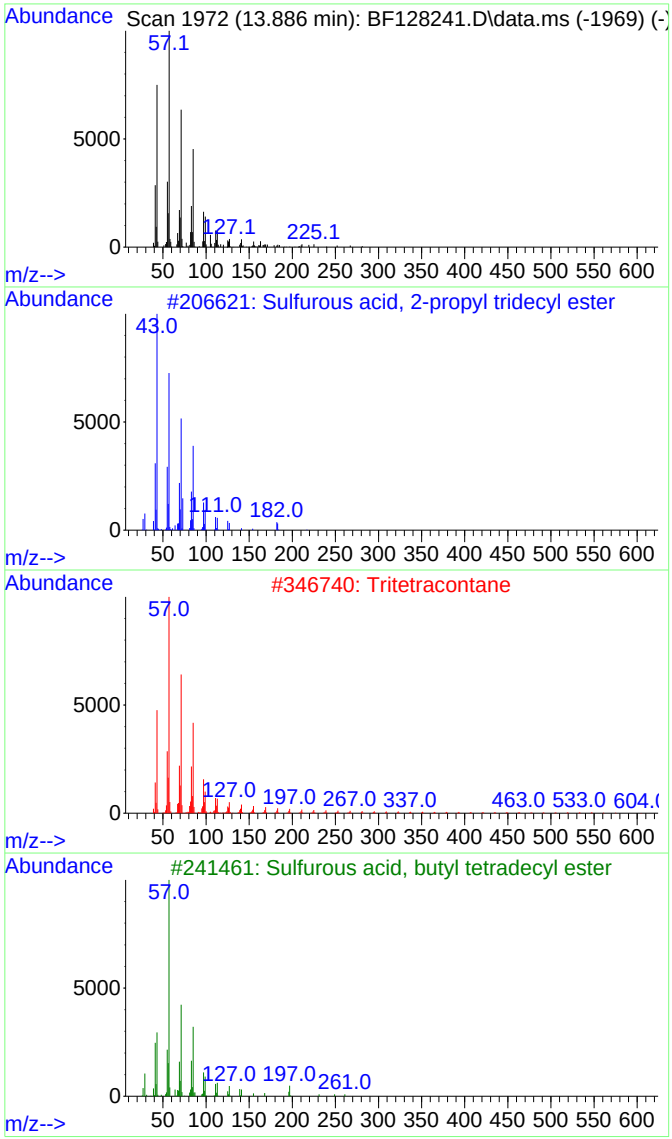
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

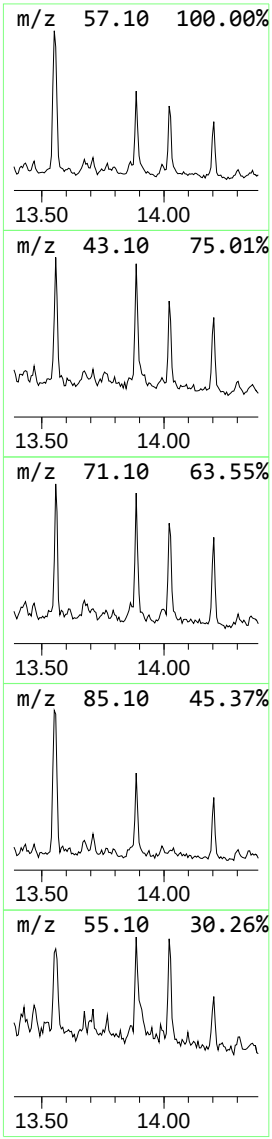
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 Sulfurous acid, 2-propyl tr... Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.886 | 5.61 ng | 100635 | Chrysene-d12 | 14.062 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Sulfurous acid, 2-propyl tridecy... | 306 | C16H34O3S | 1000309-12-4 | 90 |
| 2 | Tritetracontane | 605 | C43H88 | 007098-21-7 | 90 |
| 3 | Sulfurous acid, butyl tetradecyl... | 334 | C18H38O3S | 1010309-18-1 | 90 |
| 4 | Sulfurous acid, 2-propyl tetrade... | 320 | C17H36O3S | 1010309-12-5 | 87 |
| 5 | Sulfurous acid, butyl dodecyl ester | 306 | C16H34O3S | 1000309-17-9 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128241.D
Acq On : 13 May 2022 16:14
Operator : CG\JU
Sample : N2823-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SC-11

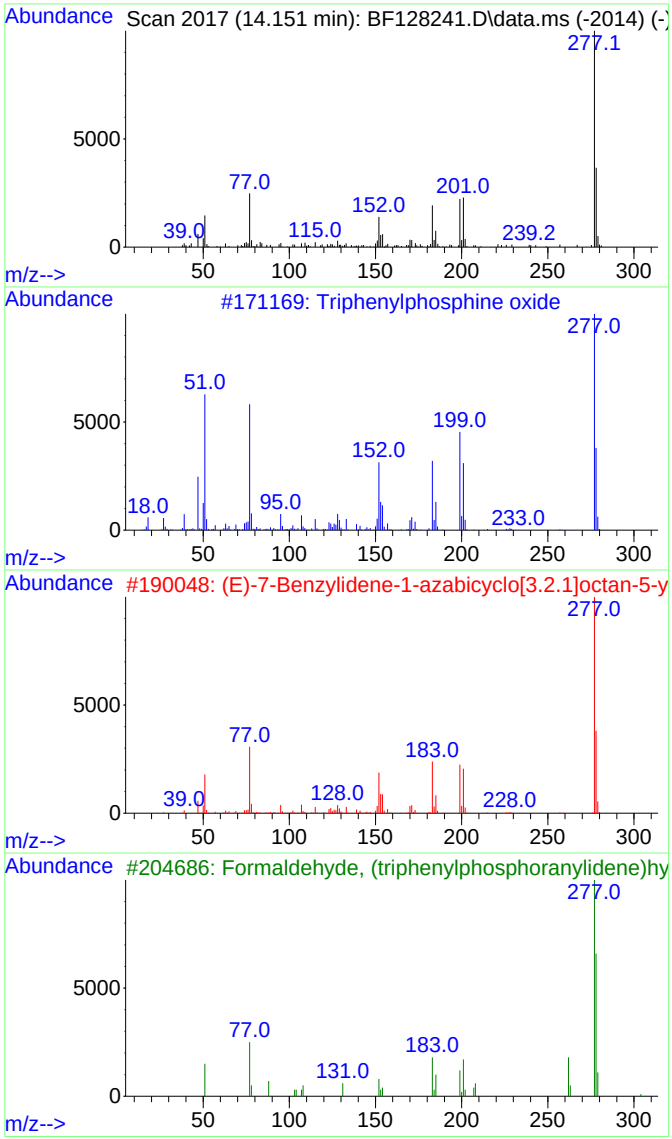
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

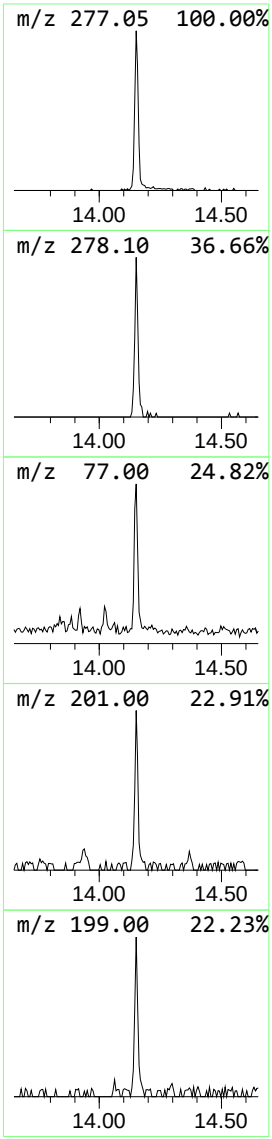
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 18 Triphenylphosphine oxide Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.151 | 3.77 ng | 67678 | Chrysene-d12 | 14.062 |

| 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 | 90 |
| 3 | Formaldehyde, (triphenylphosphor... | 304 | C19H17N2P | 015990-54-2 | 50 |
| 4 | Furo[3,2-c]quinoline, 8-bromo-2,... | 277 | C13H12BrNO | 1000310-92-7 | 38 |
| 5 | [1,2,4]Triazolo[1,5-a]pyrimidine... | 278 | C15H14N6 | 1000350-69-0 | 16 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128241.D
Acq On : 13 May 2022 16:14
Operator : CG\JU
Sample : N2823-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SC-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

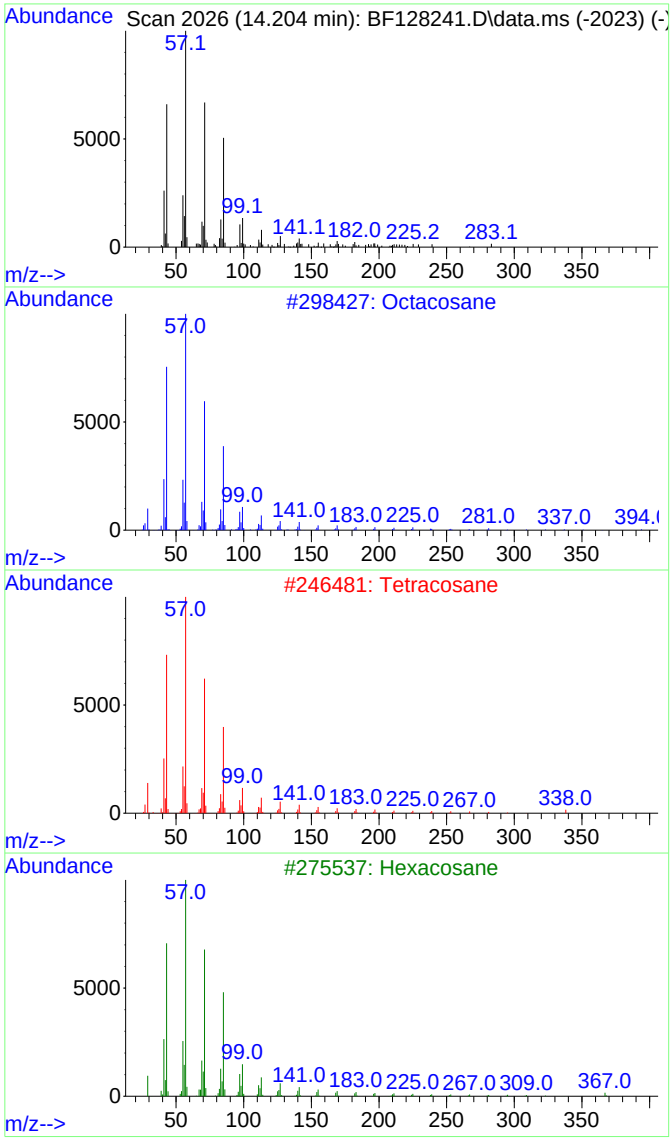
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

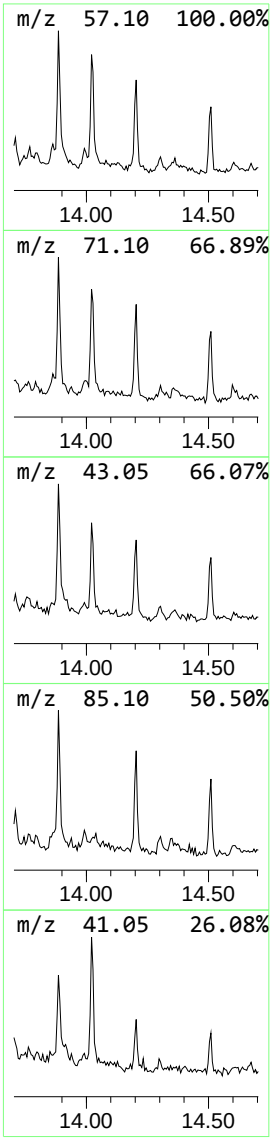
**********

Peak Number 19 Tetracosane Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.204 | 3.56 ng | 63889 | Chrysene-d12 | 14.062 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octacosane | 394 | C28H58 | 000630-02-4 | 90 |
| 2 | Tetracosane | 338 | C24H50 | 000646-31-1 | 87 |
| 3 | Hexacosane | 366 | C26H54 | 000630-01-3 | 87 |
| 4 | Heneicosane | 296 | C21H44 | 000629-94-7 | 86 |
| 5 | Octacosane, 2-methyl- | 408 | C29H60 | 001560-98-1 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128241.D
Acq On : 13 May 2022 16:14
Operator : CG\JU
Sample : N2823-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SC-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

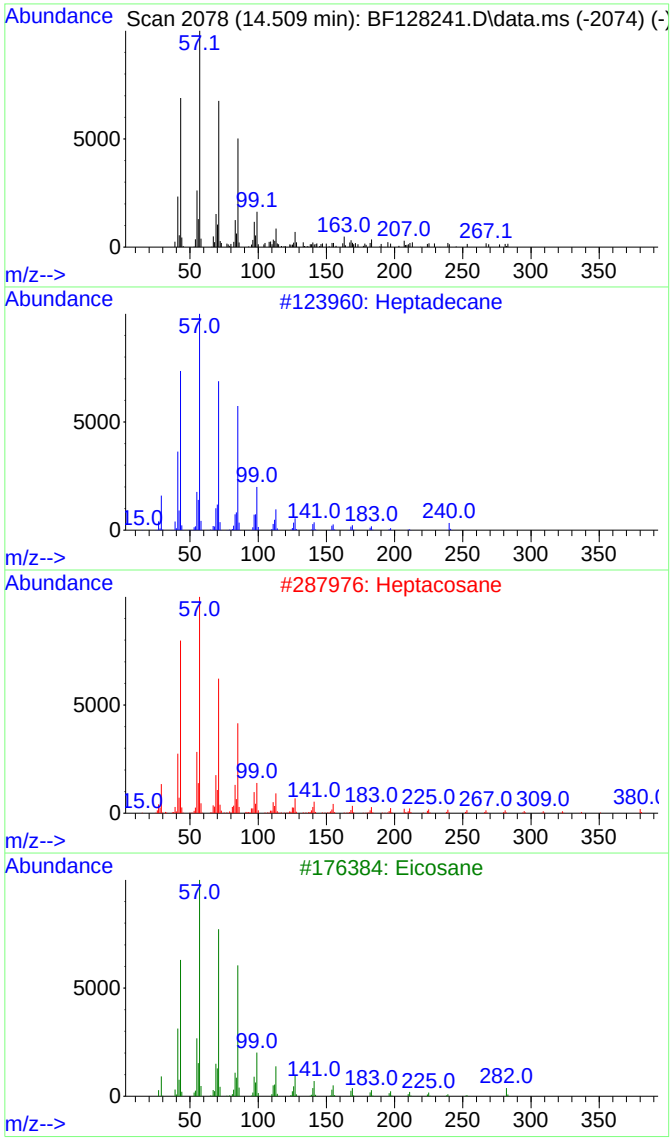
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

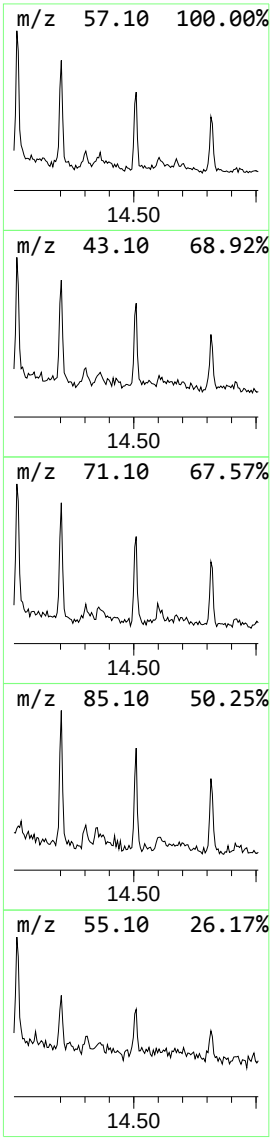
**********

Peak Number 20 Heptadecane Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.509 | 3.60 ng | 64634 | Chrysene-d12 | 14.062 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane | 240 | C17H36 | 000629-78-7 | 91 |
| 2 | Heptacosane | 380 | C27H56 | 000593-49-7 | 91 |
| 3 | Eicosane | 282 | C20H42 | 000112-95-8 | 90 |
| 4 | Eicosane, 10-methyl- | 296 | C21H44 | 054833-23-7 | 87 |
| 5 | Heneicosane | 296 | C21H44 | 000629-94-7 | 87 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128241.D
Acq On : 13 May 2022 16:14
Operator : CG\JU
Sample : N2823-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SC-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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 |
| Ethanol, 2-prop... | 4.587 | 37.1 | ng | 703319 | 1 | 6.886 | 378843 | 20.0 |
| Ethanol, 2-butoxy- | 5.851 | 114.4 | ng | 2167490 | 1 | 6.886 | 378843 | 20.0 |
| 1,2-Propanediol... | 6.628 | 13.1 | ng | 248092 | 1 | 6.886 | 378843 | 20.0 |
| 2-Pyrrolidinone... | 7.063 | 78.1 | ng | 1478870 | 1 | 6.886 | 378843 | 20.0 |
| 2-Butoxyethyl a... | 7.357 | 10.5 | ng | 198569 | 1 | 6.886 | 378843 | 20.0 |
| 4-Methylphenol,... | 8.939 | 3.1 | ng | 75407 | 2 | 8.169 | 487533 | 20.0 |
| 2,4,7,9-Tetrame... | 9.351 | 10.2 | ng | 290894 | 3 | 9.927 | 573334 | 20.0 |
| 1-Decene | 9.716 | 6.5 | ng | 185834 | 3 | 9.927 | 573334 | 20.0 |
| Benzene, 1-(1,1... | 10.469 | 8.7 | ng | 248691 | 3 | 9.927 | 573334 | 20.0 |
| Heptacosane | 12.098 | 4.7 | ng | 137736 | 4 | 11.416 | 587761 | 20.0 |
| Eicosane | 12.486 | 6.6 | ng | 194333 | 4 | 11.416 | 587761 | 20.0 |
| Octacosane | 12.863 | 10.8 | ng | 192896 | 5 | 14.062 | 358829 | 20.0 |
| unknown12.904 | 12.904 | 25.1 | ng | 450826 | 5 | 14.062 | 358829 | 20.0 |
| Hexacosane | 13.215 | 7.4 | ng | 133321 | 5 | 14.062 | 358829 | 20.0 |
| Ethanol, 2-buto... | 13.551 | 15.8 | ng | 283009 | 5 | 14.062 | 358829 | 20.0 |
| Sulfurous acid,... | 13.886 | 5.6 | ng | 100635 | 5 | 14.062 | 358829 | 20.0 |
| Triphenylphosph... | 14.151 | 3.8 | ng | 67678 | 5 | 14.062 | 358829 | 20.0 |
| Tetracosane | 14.204 | 3.6 | ng | 63889 | 5 | 14.062 | 358829 | 20.0 |
| Heptadecane | 14.509 | 3.6 | ng | 64634 | 5 | 14.062 | 358829 | 20.0 |