LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
Data File : BN002679.D
Acq On : 13 Sep 2018 17:17
Operator : JU/SJ
Sample : J4864-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0D11

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_N\METHODS\SOM-EPA-BN081318MA.M
Title : SVOA CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.205 | 32 | 37 | 40 | rBV | 74251 | 113999 | 2.77% | 0.204% |
| 2 | 3.234 | 40 | 42 | 47 | rVB | 43514 | 53112 | 1.29% | 0.095% |
| 3 | 6.851 | 644 | 657 | 670 | rBV2 | 235258 | 528963 | 12.84% | 0.945% |
| 4 | 7.004 | 676 | 683 | 693 | rBV | 749306 | 1148099 | 27.86% | 2.051% |
| 5 | 7.198 | 710 | 716 | 732 | rVB | 806219 | 1325549 | 32.17% | 2.368% |
| 6 | 7.657 | 788 | 794 | 802 | rBV | 728234 | 1196526 | 29.03% | 2.138% |
| 7 | 7.910 | 829 | 837 | 845 | rBV | 137702 | 271077 | 6.58% | 0.484% |
| 8 | 8.375 | 905 | 916 | 925 | rBV | 650962 | 1097039 | 26.62% | 1.960% |
| 9 | 8.810 | 983 | 990 | 999 | rBV | 938912 | 1566518 | 38.01% | 2.799% |
| 10 | 9.269 | 1064 | 1068 | 1076 | rVB | 31849 | 52045 | 1.26% | 0.093% |
| 11 | 9.522 | 1104 | 1111 | 1123 | rBV | 796436 | 1361844 | 33.05% | 2.433% |
| 12 | 9.628 | 1123 | 1129 | 1137 | rBV3 | 26151 | 64221 | 1.56% | 0.115% |
| 13 | 9.840 | 1161 | 1165 | 1173 | rVB4 | 28407 | 53644 | 1.30% | 0.096% |
| 14 | 10.063 | 1197 | 1203 | 1211 | rBV | 1134044 | 2007108 | 48.70% | 3.586% |
| 15 | 10.428 | 1255 | 1265 | 1271 | rBV | 1115016 | 1918203 | 46.55% | 3.427% |
| 16 | 10.481 | 1271 | 1274 | 1281 | rVB3 | 76957 | 127742 | 3.10% | 0.228% |
| 17 | 10.581 | 1286 | 1291 | 1299 | rVB2 | 75314 | 155481 | 3.77% | 0.278% |
| 18 | 10.892 | 1339 | 1344 | 1353 | rVB3 | 96751 | 176347 | 4.28% | 0.315% |
| 19 | 11.004 | 1356 | 1363 | 1372 | rVV | 77027 | 139616 | 3.39% | 0.249% |
| 20 | 11.334 | 1414 | 1419 | 1425 | rVB5 | 19469 | 44781 | 1.09% | 0.080% |
| 21 | 11.539 | 1449 | 1454 | 1459 | rVB2 | 57950 | 102900 | 2.50% | 0.184% |
| 22 | 11.757 | 1485 | 1491 | 1497 | rBV | 51506 | 87930 | 2.13% | 0.157% |
| 23 | 11.963 | 1522 | 1526 | 1533 | rBV8 | 22923 | 55562 | 1.35% | 0.099% |
| 24 | 12.063 | 1539 | 1543 | 1554 | rVB3 | 40324 | 89000 | 2.16% | 0.159% |
| 25 | 12.228 | 1563 | 1571 | 1579 | rBV | 216821 | 397277 | 9.64% | 0.710% |
| 26 | 12.304 | 1579 | 1584 | 1588 | rBV6 | 40425 | 75175 | 1.82% | 0.134% |
| 27 | 12.357 | 1589 | 1593 | 1597 | rVV2 | 55188 | 84110 | 2.04% | 0.150% |
| 28 | 12.434 | 1603 | 1606 | 1612 | rVB2 | 40327 | 53629 | 1.30% | 0.096% |
| 29 | 12.628 | 1633 | 1639 | 1642 | rBV4 | 31297 | 54763 | 1.33% | 0.098% |
| 30 | 12.669 | 1642 | 1646 | 1650 | rVB | 40027 | 51402 | 1.25% | 0.092% |
| 31 | 12.757 | 1657 | 1661 | 1667 | rVB3 | 20480 | 43397 | 1.05% | 0.078% |
| 32 | 12.828 | 1669 | 1673 | 1677 | rVV3 | 40455 | 69709 | 1.69% | 0.125% |
| 33 | 13.139 | 1720 | 1726 | 1732 | rVB3 | 34039 | 65451 | 1.59% | 0.117% |
| 34 | 13.222 | 1735 | 1740 | 1746 | rVB | 74538 | 128239 | 3.11% | 0.229% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
Data File : BN002679.D
Acq On : 13 Sep 2018 17:17
Operator : JU/SJ
Sample : J4864-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0D11

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_N\METHODS\SOM-EPA-BN081318MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 13.286 | 1746 | 1751 | 1756 | rVB4 | 49155 | 78192 | 1.90% | 0.140% |
| 36 | 13.345 | 1756 | 1761 | 1766 | rVB | 87222 | 125247 | 3.04% | 0.224% |
| 37 | 13.710 | 1817 | 1823 | 1828 | rBV | 1989383 | 2787272 | 67.64% | 4.979% |
| 38 | 13.757 | 1828 | 1831 | 1834 | rVB | 103302 | 120460 | 2.92% | 0.215% |
| 39 | 13.845 | 1842 | 1846 | 1849 | rBV | 98018 | 161183 | 3.91% | 0.288% |
| 40 | 13.880 | 1849 | 1852 | 1857 | rVB | 126506 | 176257 | 4.28% | 0.315% |
| 41 | 13.986 | 1863 | 1870 | 1879 | rBV | 2387754 | 3581177 | 86.90% | 6.398% |
| 42 | 14.292 | 1915 | 1922 | 1929 | rBV2 | 1594611 | 2504103 | 60.76% | 4.474% |
| 43 | 14.357 | 1929 | 1933 | 1936 | rBV | 68261 | 93428 | 2.27% | 0.167% |
| 44 | 14.545 | 1957 | 1965 | 1972 | rBV2 | 107276 | 233560 | 5.67% | 0.417% |
| 45 | 14.828 | 2010 | 2013 | 2021 | rVB9 | 40036 | 78484 | 1.90% | 0.140% |
| 46 | 14.916 | 2022 | 2028 | 2035 | rBV2 | 169011 | 332677 | 8.07% | 0.594% |
| 47 | 15.045 | 2046 | 2050 | 2053 | rBV | 90773 | 149174 | 3.62% | 0.267% |
| 48 | 15.127 | 2060 | 2064 | 2071 | rVB8 | 47191 | 89593 | 2.17% | 0.160% |
| 49 | 15.292 | 2086 | 2092 | 2097 | rVV | 2914092 | 4121014 | 100.00% | 7.362% |
| 50 | 15.339 | 2097 | 2100 | 2105 | rVB3 | 160782 | 247668 | 6.01% | 0.442% |
| 51 | 15.433 | 2111 | 2116 | 2119 | rBV | 520375 | 739839 | 17.95% | 1.322% |
| 52 | 15.469 | 2119 | 2122 | 2126 | rVV | 216400 | 311115 | 7.55% | 0.556% |
| 53 | 15.510 | 2126 | 2129 | 2135 | rVV5 | 68926 | 162948 | 3.95% | 0.291% |
| 54 | 15.563 | 2135 | 2138 | 2142 | rVB | 72796 | 97337 | 2.36% | 0.174% |
| 55 | 15.645 | 2148 | 2152 | 2153 | rBV3 | 46357 | 62732 | 1.52% | 0.112% |
| 56 | 15.857 | 2186 | 2188 | 2200 | rVB8 | 43247 | 109350 | 2.65% | 0.195% |
| 57 | 15.992 | 2208 | 2211 | 2215 | rBV | 73719 | 94467 | 2.29% | 0.169% |
| 58 | 16.163 | 2237 | 2240 | 2243 | rVB | 37488 | 44234 | 1.07% | 0.079% |
| 59 | 16.404 | 2276 | 2281 | 2286 | rBV3 | 138151 | 227535 | 5.52% | 0.406% |
| 60 | 16.557 | 2303 | 2307 | 2310 | rBV4 | 36099 | 61142 | 1.48% | 0.109% |
| 61 | 16.598 | 2311 | 2314 | 2316 | rBV3 | 35256 | 44098 | 1.07% | 0.079% |
| 62 | 16.857 | 2355 | 2358 | 2366 | rVB4 | 74905 | 139428 | 3.38% | 0.249% |
| 63 | 17.045 | 2384 | 2390 | 2396 | rBV | 1658525 | 2382303 | 57.81% | 4.256% |
| 64 | 17.145 | 2400 | 2407 | 2417 | rVB | 2782996 | 3901439 | 94.67% | 6.970% |
| 65 | 17.951 | 2539 | 2544 | 2553 | rBV2 | 284605 | 449243 | 10.90% | 0.803% |
| 66 | 19.239 | 2759 | 2763 | 2773 | rBV2 | 76898 | 139349 | 3.38% | 0.249% |
| 67 | 19.445 | 2792 | 2798 | 2805 | rBV | 2741549 | 3735468 | 90.64% | 6.673% |
| 68 | 19.998 | 2889 | 2892 | 2897 | rVB | 94505 | 109824 | 2.66% | 0.196% |
| 69 | 20.380 | 2954 | 2957 | 2962 | rVB | 76706 | 88198 | 2.14% | 0.158% |
| 70 | 20.498 | 2974 | 2977 | 2983 | rVB | 162116 | 194510 | 4.72% | 0.347% |
| 71 | 20.968 | 3053 | 3057 | 3064 | rBV | 301085 | 438817 | 10.65% | 0.784% |

LSC Area Percent Report

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Acq On : 13 Sep 2018 17:17
Operator : JU/SJ
Sample : J4864-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0D11

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_N\METHODS\SOM-EPA-BN081318MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 21.245 | 3099 | 3104 | 3109 | rBV | 1648653 | 2115053 | 51.32% | 3.779% |
| 73 | 21.404 | 3127 | 3131 | 3136 | rVB | 371064 | 400201 | 9.71% | 0.715% |
| 74 | 21.833 | 3200 | 3204 | 3209 | rVB | 387540 | 443000 | 10.75% | 0.791% |
| 75 | 22.292 | 3277 | 3282 | 3290 | rBV | 789897 | 1108961 | 26.91% | 1.981% |
| 76 | 22.415 | 3299 | 3303 | 3308 | rVB | 418777 | 552468 | 13.41% | 0.987% |
| 77 | 22.792 | 3362 | 3367 | 3376 | rVB | 448032 | 664804 | 16.13% | 1.188% |
| 78 | 23.327 | 3451 | 3458 | 3467 | rVB2 | 1943112 | 4104451 | 99.60% | 7.333% |
| 79 | 23.468 | 3475 | 3482 | 3492 | rVB | 1125010 | 2156526 | 52.33% | 3.853% |
| 80 | 23.974 | 3563 | 3568 | 3576 | rVB | 384690 | 715100 | 17.35% | 1.278% |
| 81 | 24.703 | 3687 | 3692 | 3700 | rVB | 270588 | 541089 | 13.13% | 0.967% |

Sum of corrected areas: 55974976

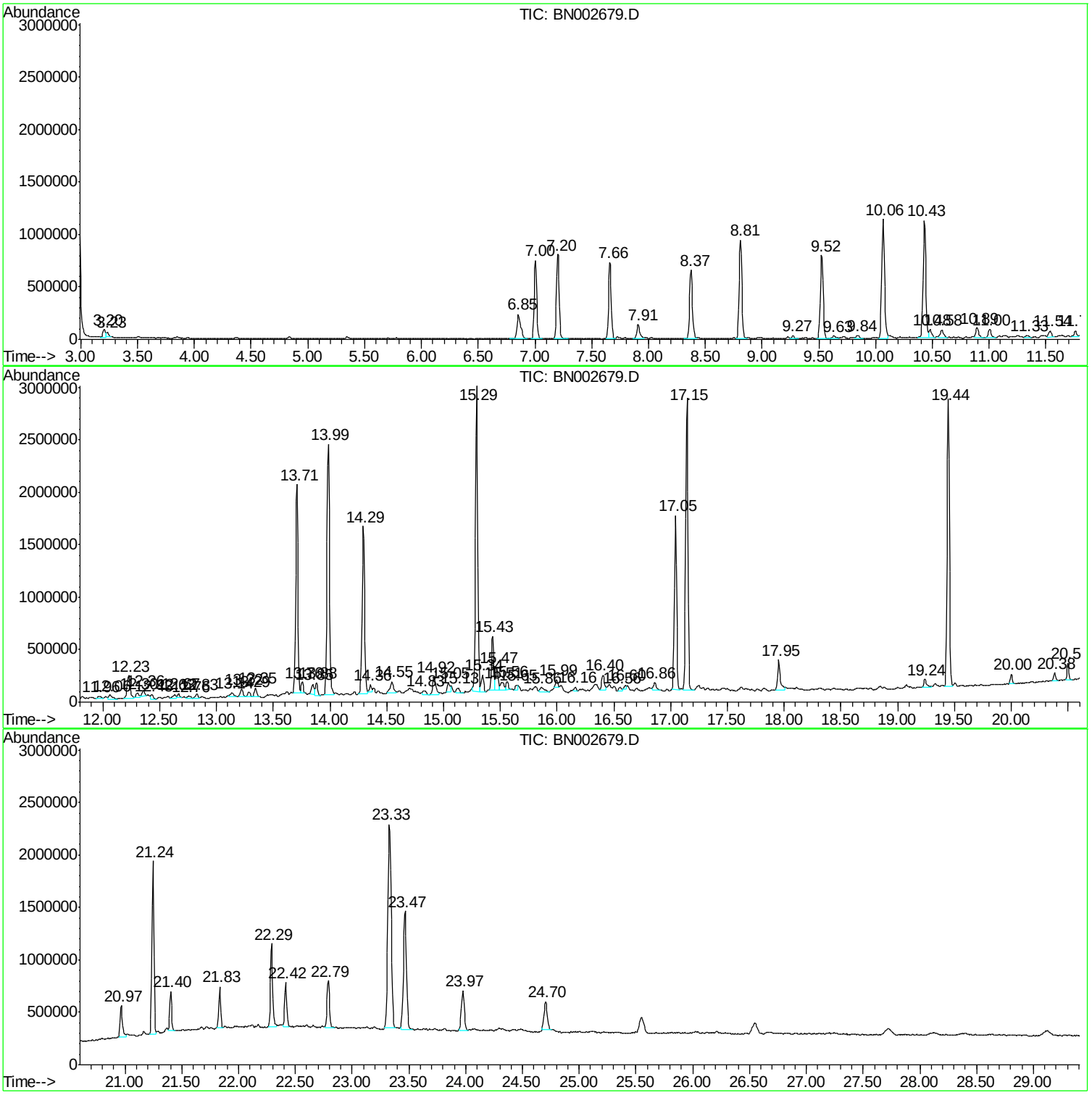
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
Data File : BN002679.D
Acq On : 13 Sep 2018 17:17
Operator : JU/SJ
Sample : J4864-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0D11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
Data File : BN002679.D
Acq On : 13 Sep 2018 17:17
Operator : JU/SJ
Sample : J4864-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0D11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

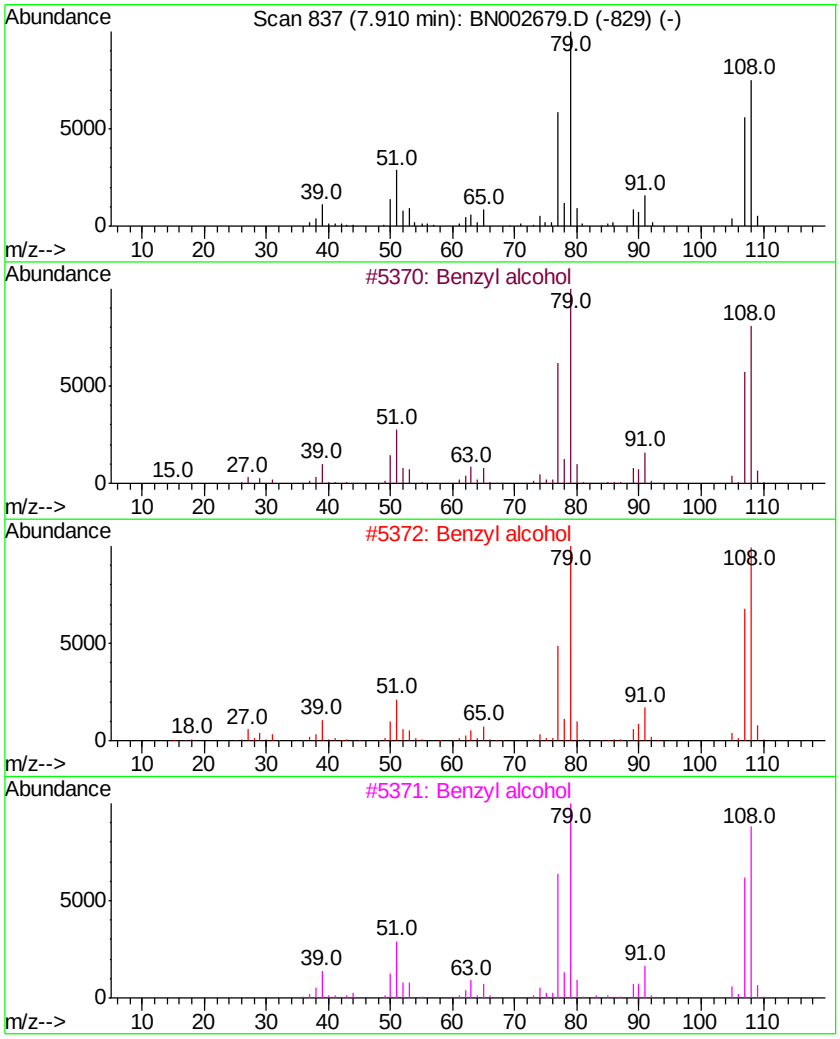
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

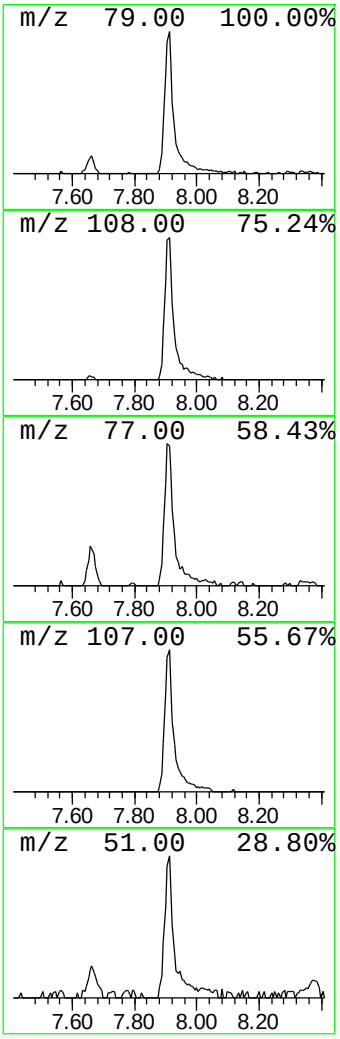
**********

Peak Number 1 Benzyl alcohol Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.91 | 4.53 ng/ul | 271077 | 1,4-Dichlorobenzene-d4 | 7.66 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzyl alcohol | 108 | C7H8O | 000100-51-6 | 95 |
| 2 | Benzyl alcohol | 108 | C7H8O | 000100-51-6 | 94 |
| 3 | Benzyl alcohol | 108 | C7H8O | 000100-51-6 | 94 |
| 4 | Benzyl alcohol | 108 | C7H8O | 000100-51-6 | 94 |
| 5 | N-Cbz-glycylglycine p-nitropheny... | 387 | C18H17N3O7 | 013574-81-7 | 91 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
Data File : BN002679.D
Acq On : 13 Sep 2018 17:17
Operator : JU/SJ
Sample : J4864-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0D11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

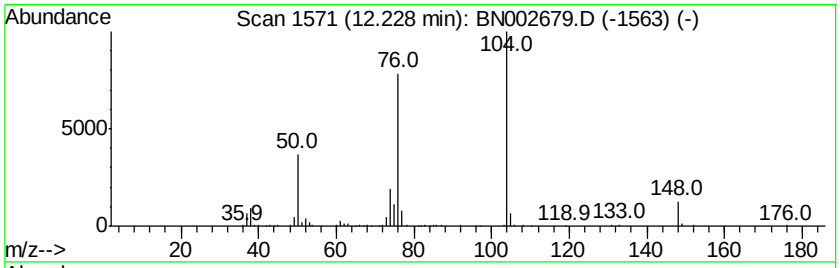
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

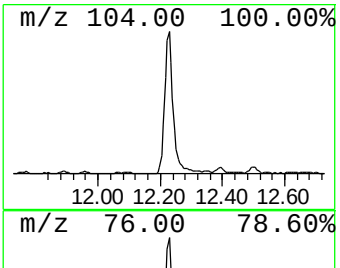
**********

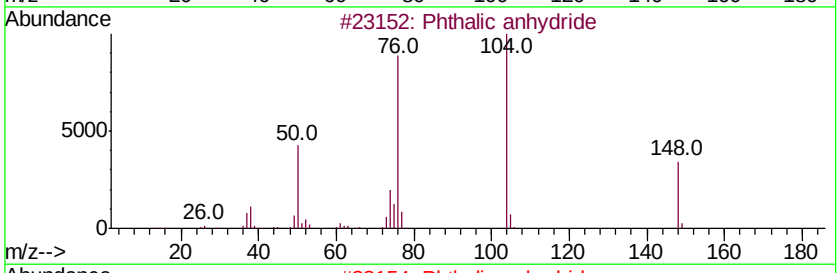
Peak Number 2 Phthalic anhydride Concentration Rank 9

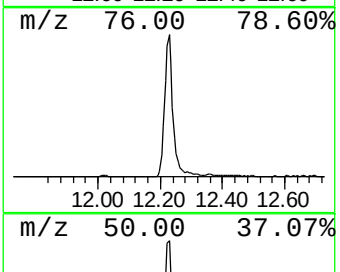
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.23 | 4.14 ng/ul | 397277 | Naphthalene-d8 | 10.43 |

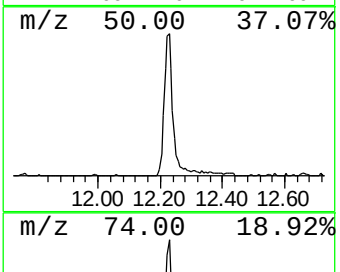
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phthalic anhydride | 148 | C8H4O3 | 000085-44-9 | 95 |
| 2 | Phthalic anhydride | 148 | C8H4O3 | 000085-44-9 | 95 |
| 3 | Phthalic anhydride | 148 | C8H4O3 | 000085-44-9 | 90 |
| 4 | [2,2'-Bi-1H-indene]-1,1'-dione, ... | 358 | C18H14O8 | 005950-69-6 | 90 |
| 5 | Ninhydrin | 178 | C9H6O4 | 000485-47-2 | 90 |

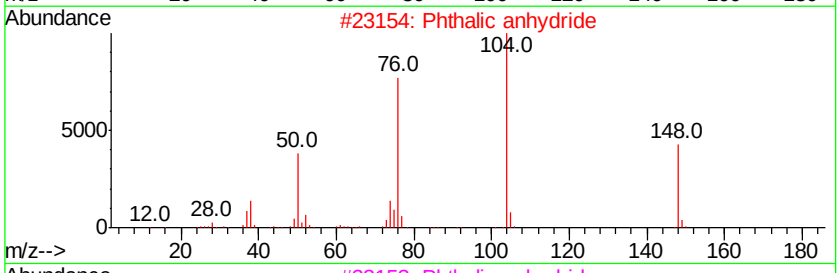


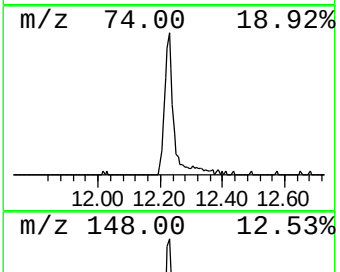



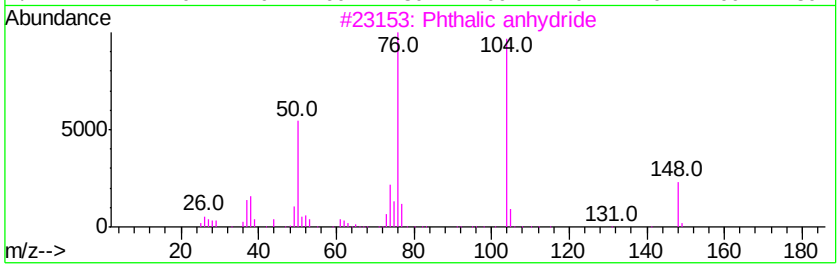



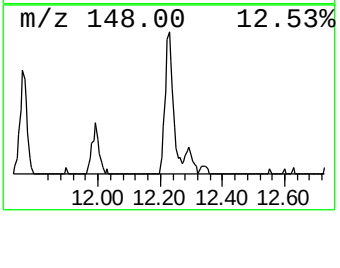



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
Data File : BN002679.D
Acq On : 13 Sep 2018 17:17
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Sample : J4864-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0D11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

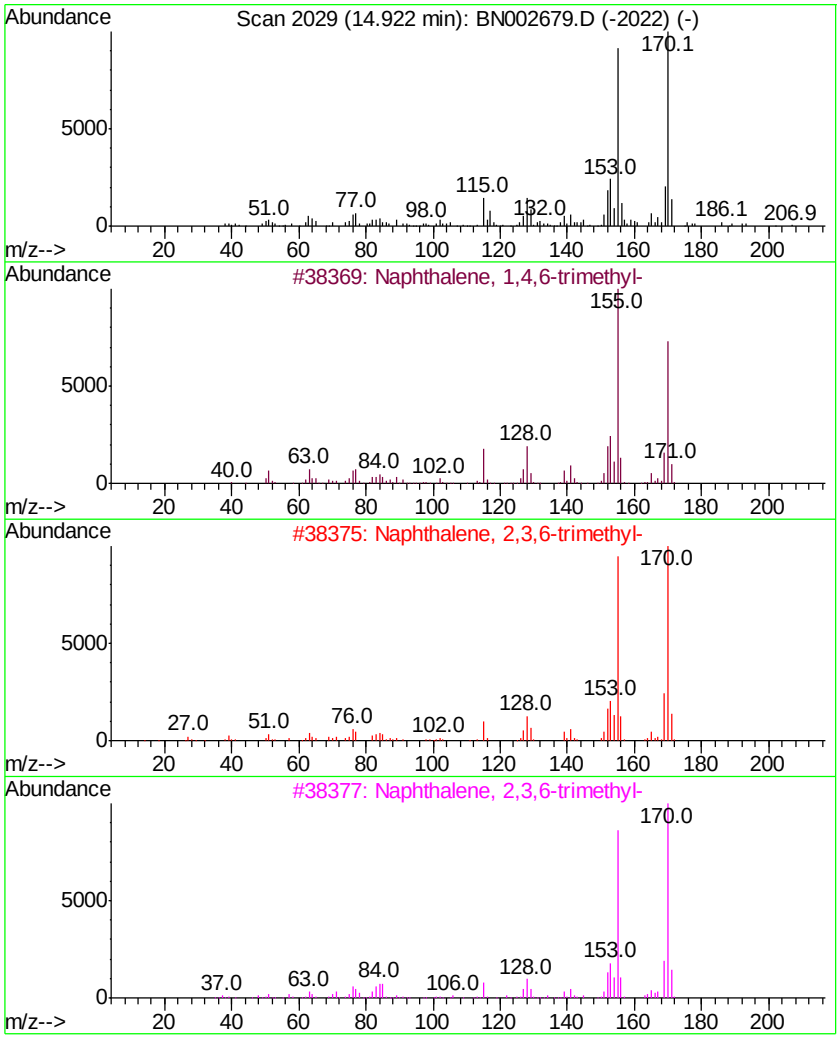
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

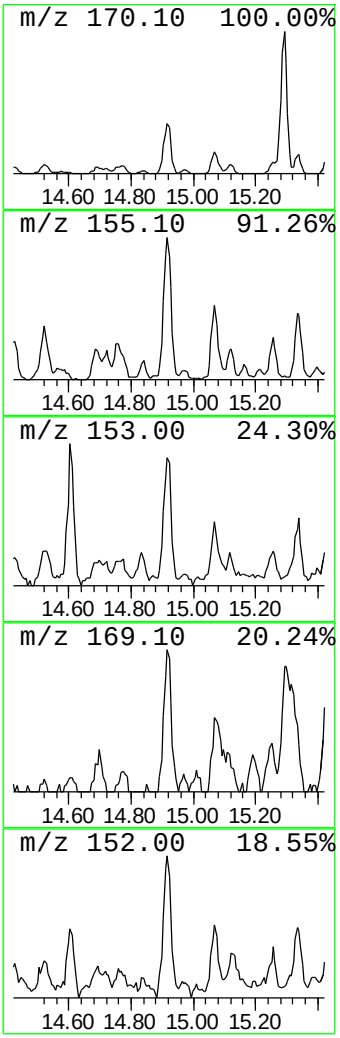
**********

Peak Number 3 Naphthalene, 1,4,6-trimethyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.92 | 2.66 ng/ul | 332677 | Acenaphthene-d10 | 14.29 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 97 |
| 2 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 97 |
| 3 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 97 |
| 4 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 96 |
| 5 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 96 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
Data File : BN002679.D
Acq On : 13 Sep 2018 17:17
Operator : JU/SJ
Sample : J4864-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0D11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

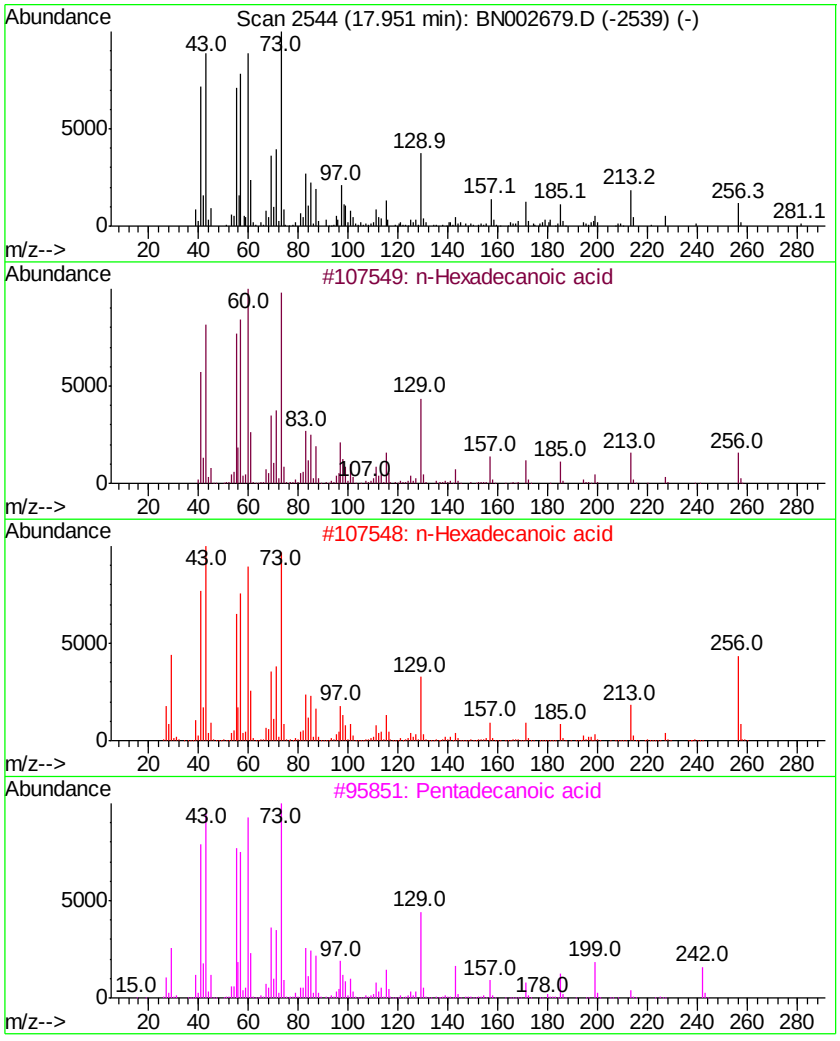
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

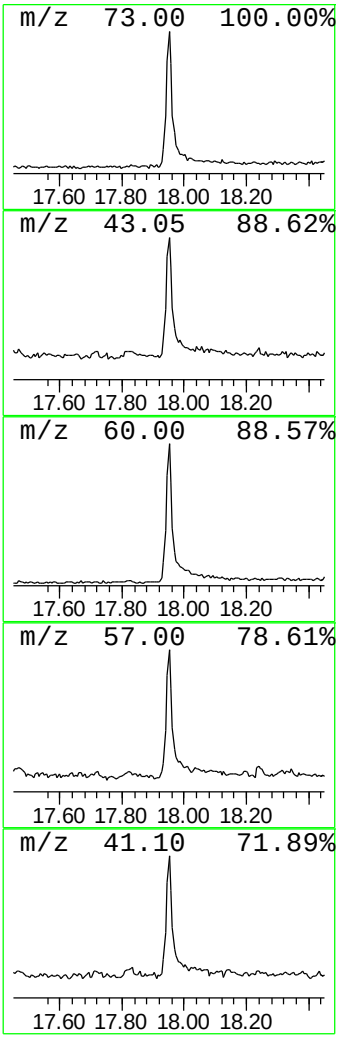
**********

Peak Number 4 n-Hexadecanoic acid Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.95 | 3.77 ng/ul | 449243 | Phenanthrene-d10 | 17.05 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 93 |
| 4 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 81 |
| 5 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 76 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
Data File : BN002679.D
Acq On : 13 Sep 2018 17:17
Operator : JU/SJ
Sample : J4864-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0D11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

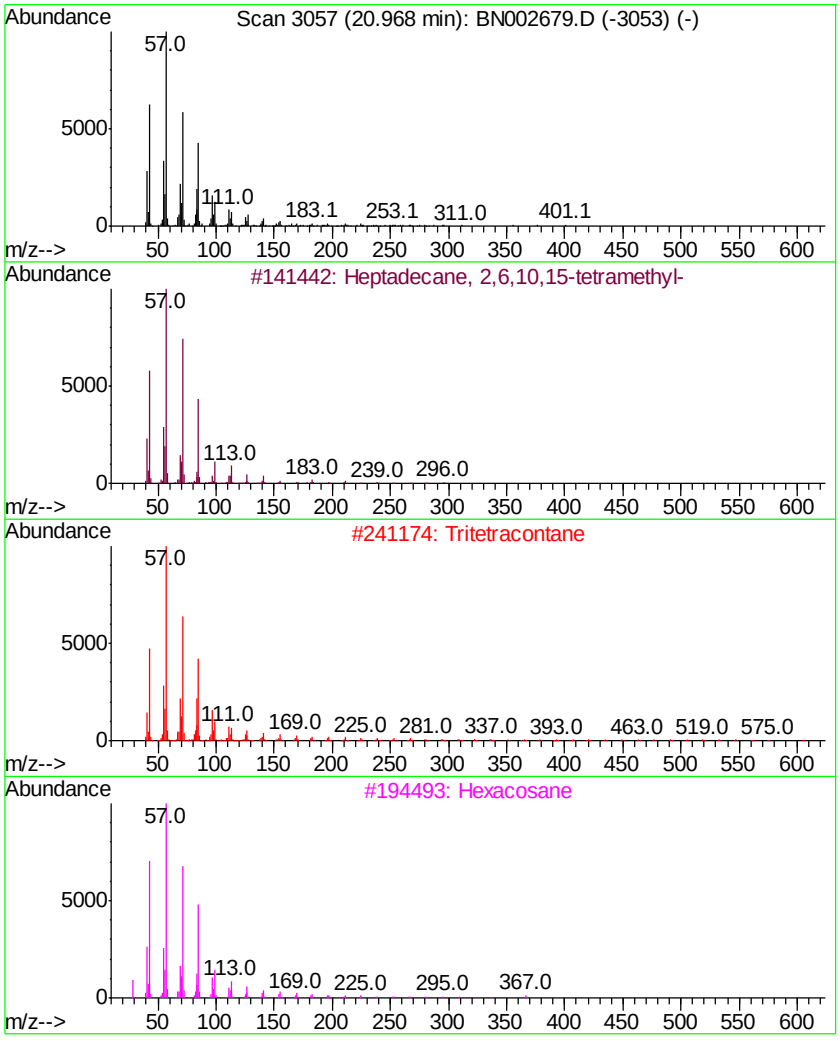
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

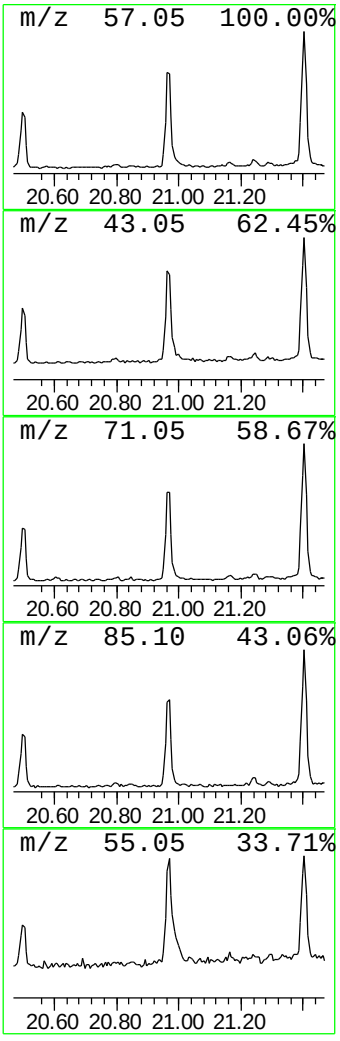
**********

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.97 | 4.15 ng/ul | 438817 | Chrysene-d12 | 21.24 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 96 |
| 2 | Tritetracontane | 605 | C43H88 | 007098-21-7 | 91 |
| 3 | Hexacosane | 366 | C26H54 | 000630-01-3 | 91 |
| 4 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 90 |
| 5 | Heptacosane, 1-chloro- | 414 | C27H55Cl | 062016-79-9 | 90 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
Data File : BN002679.D
Acq On : 13 Sep 2018 17:17
Operator : JU/SJ
Sample : J4864-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0D11

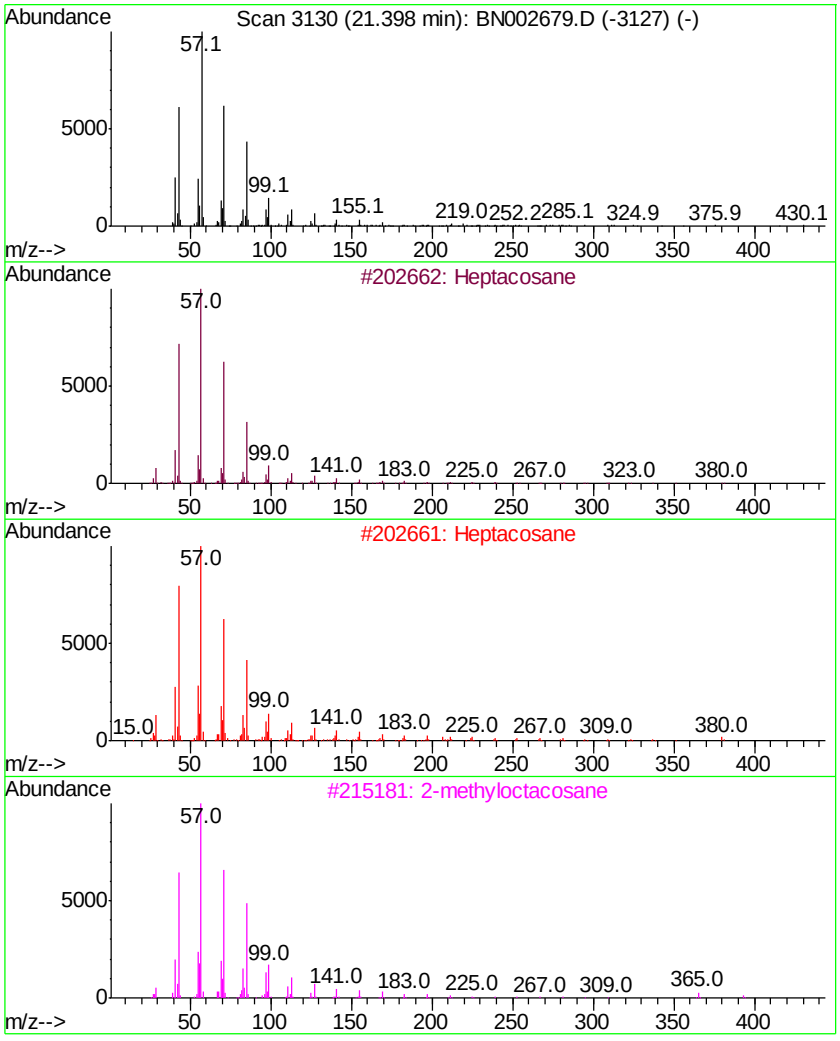
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

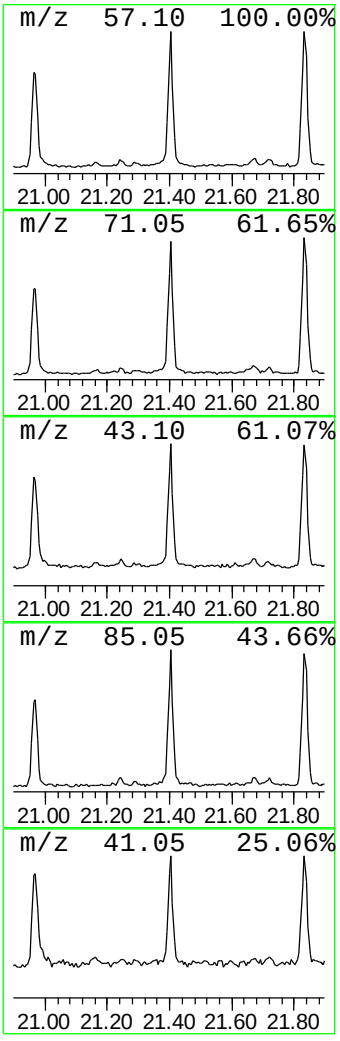
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.40 | 3.78 ng/ul | 400201 | Chrysene-d12 | 21.24 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptacosane | 380 | C27H56 | 000593-49-7 | 91 |
| 2 | Heptacosane | 380 | C27H56 | 000593-49-7 | 91 |
| 3 | 2-methyloctacosane | 408 | C29H60 | 1000376-72-8 | 91 |
| 4 | Tridecane, 1-iodo- | 310 | C13H27I | 035599-77-0 | 91 |
| 5 | Tetracosane | 338 | C24H50 | 000646-31-1 | 91 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
Data File : BN002679.D
Acq On : 13 Sep 2018 17:17
Operator : JU/SJ
Sample : J4864-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0D11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

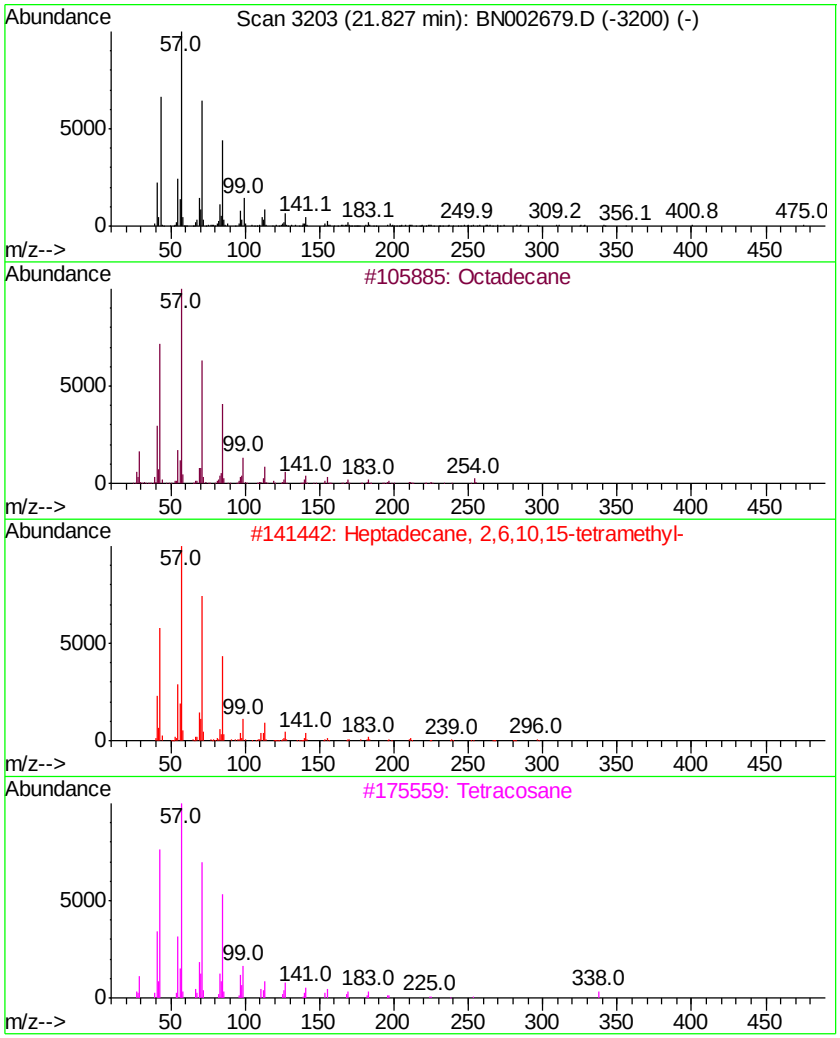
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

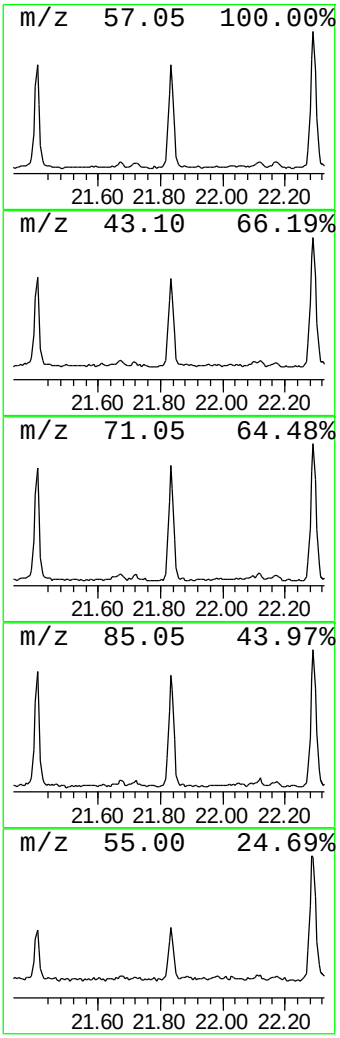
**********

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.83 | 4.19 ng/ul | 443000 | Chrysene-d12 | 21.24 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecane | 254 | C18H38 | 000593-45-3 | 91 |
| 2 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 91 |
| 3 | Tetracosane | 338 | C24H50 | 000646-31-1 | 90 |
| 4 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |
| 5 | Heptacosane | 380 | C27H56 | 000593-49-7 | 90 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
Data File : BN002679.D
Acq On : 13 Sep 2018 17:17
Operator : JU/SJ
Sample : J4864-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0D11

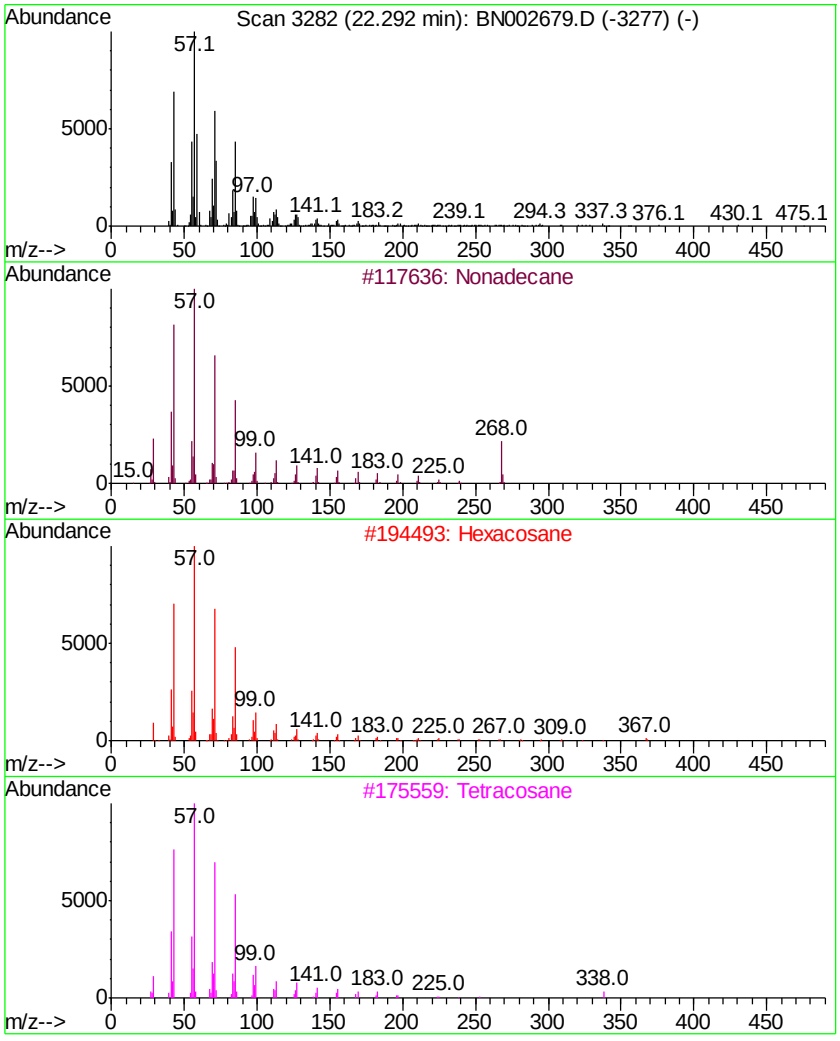
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

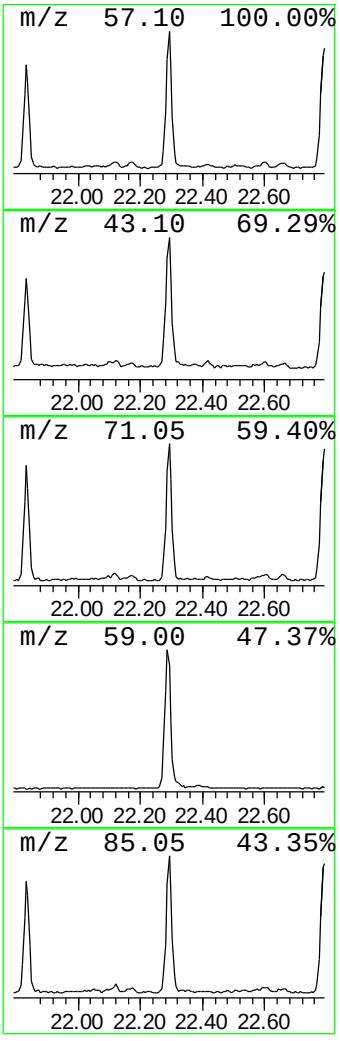
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.29 | 10.49 ng/ul | 1108960 | Chrysene-d12 | 21.24 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonadecane | 268 | C19H40 | 000629-92-5 | 91 |
| 2 | Hexacosane | 366 | C26H54 | 000630-01-3 | 64 |
| 3 | Tetracosane | 338 | C24H50 | 000646-31-1 | 64 |
| 4 | Tritetracontane | 605 | C43H88 | 007098-21-7 | 64 |
| 5 | Octacosane | 394 | C28H58 | 000630-02-4 | 64 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
Data File : BN002679.D
Acq On : 13 Sep 2018 17:17
Operator : JU/SJ
Sample : J4864-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0D11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

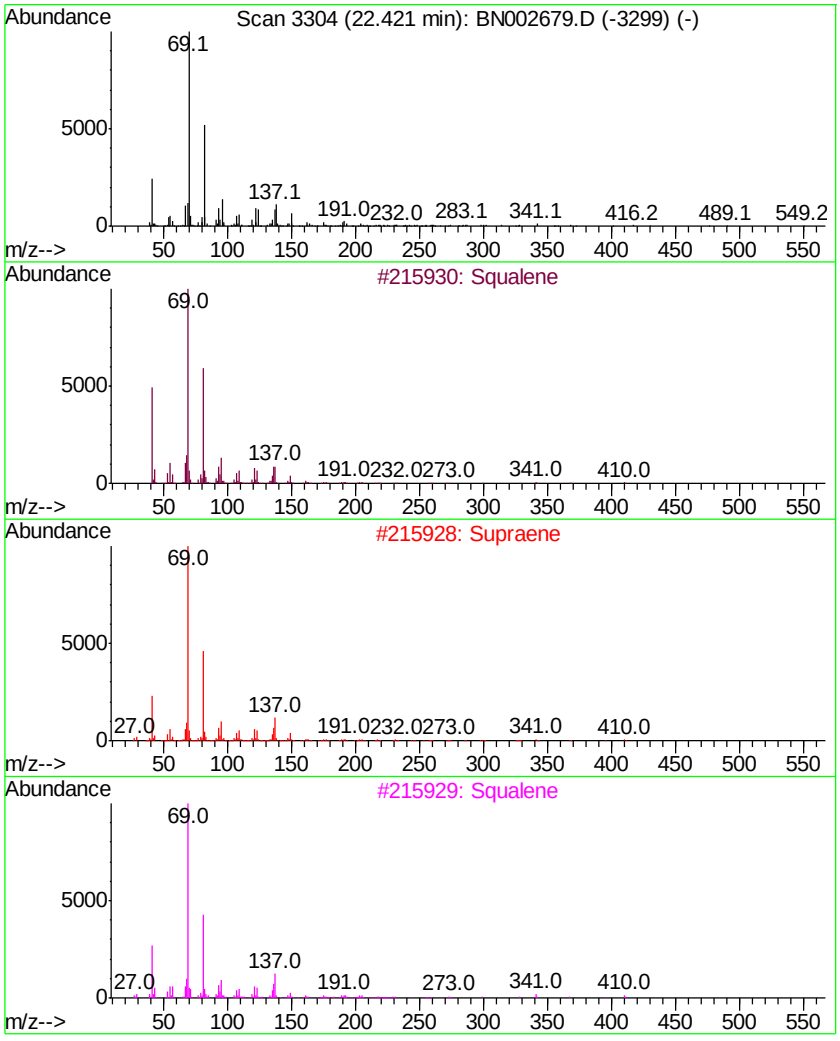
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

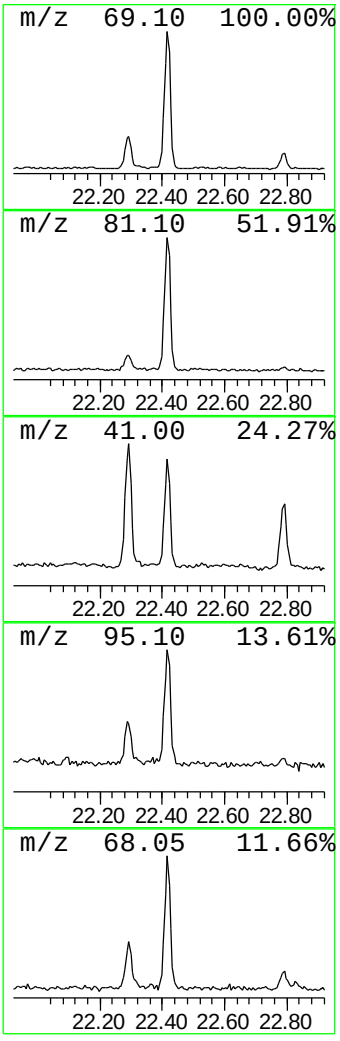
**********

Peak Number 9 Squalene Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.42 | 5.12 ng/ul | 552468 | Perylene-d12 | 23.47 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Squalene | 410 | C30H50 | 000111-02-4 | 87 |
| 2 | Supraene | 410 | C30H50 | 007683-64-9 | 87 |
| 3 | Squalene | 410 | C30H50 | 000111-02-4 | 83 |
| 4 | 7,11-Dimethyldodeca-2,6,10-trien... | 208 | C14H24O | 125529-10-4 | 72 |
| 5 | 4,9,13,17-Tetramethyl-4,8,12,16-... | 316 | C22H36O | 056882-09-8 | 72 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
Data File : BN002679.D
Acq On : 13 Sep 2018 17:17
Operator : JU/SJ
Sample : J4864-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0D11

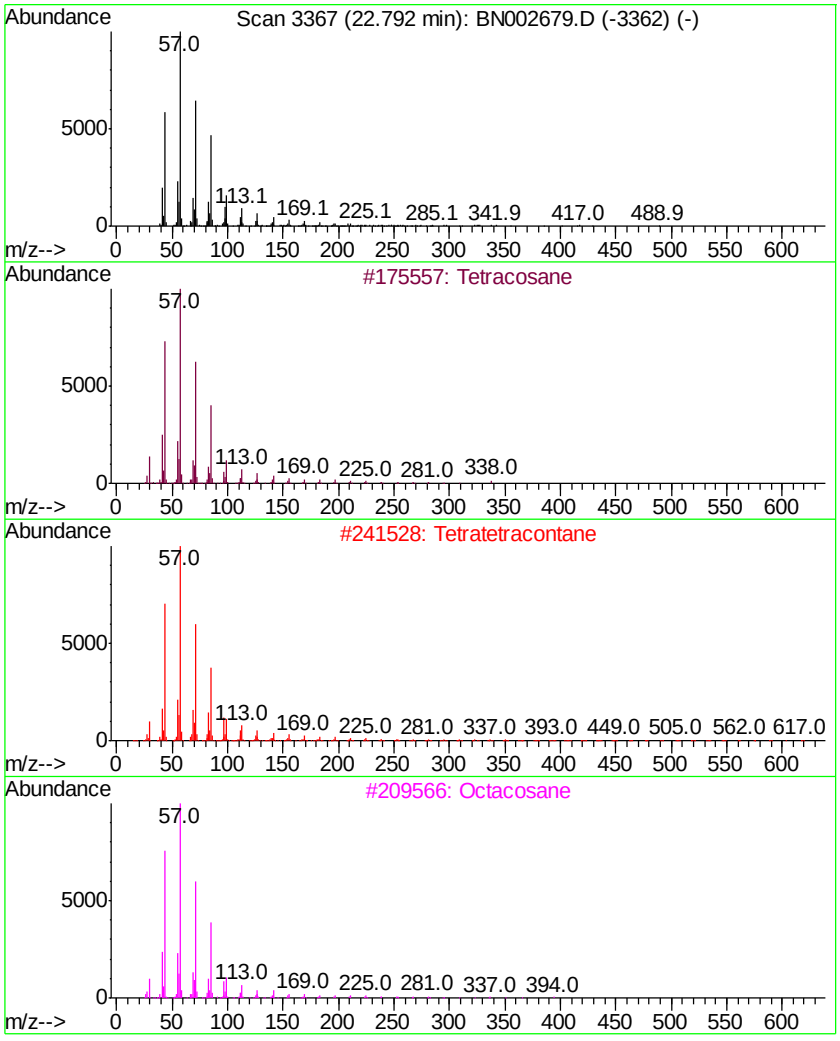
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

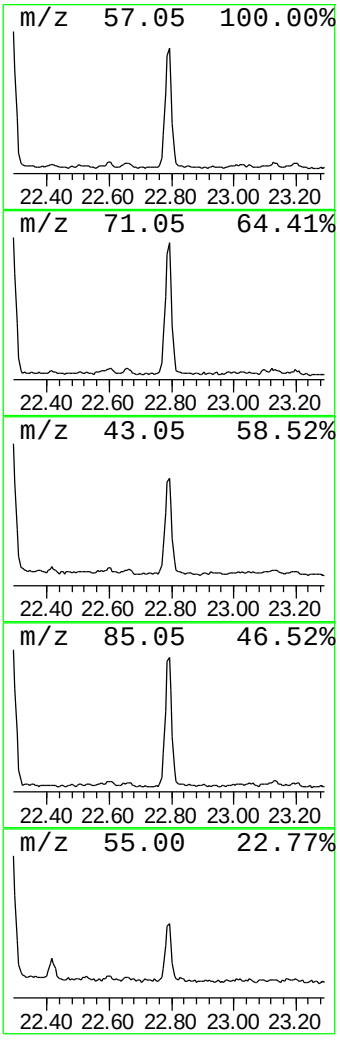
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.79 | 6.17 ng/ul | 664804 | Perylene-d12 | 23.47 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetracosane | 338 | C24H50 | 000646-31-1 | 91 |
| 2 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 91 |
| 3 | Octacosane | 394 | C28H58 | 000630-02-4 | 91 |
| 4 | 2-methyloctacosane | 408 | C29H60 | 1000376-72-8 | 91 |
| 5 | Heptadecane | 240 | C17H36 | 000629-78-7 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
Data File : BN002679.D
Acq On : 13 Sep 2018 17:17
Operator : JU/SJ
Sample : J4864-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0D11

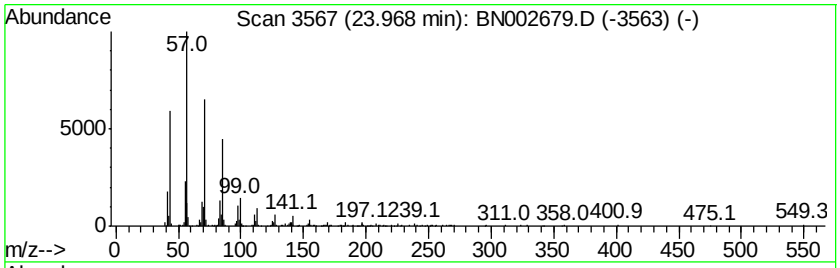
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

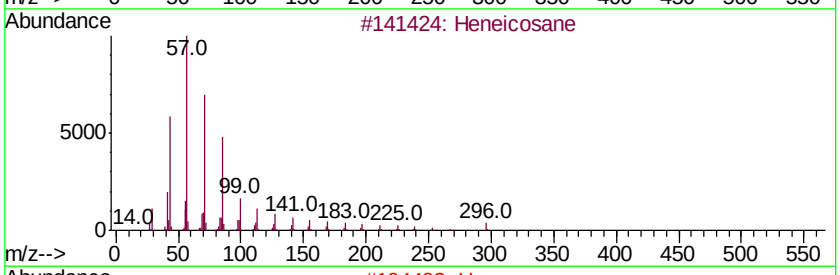
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

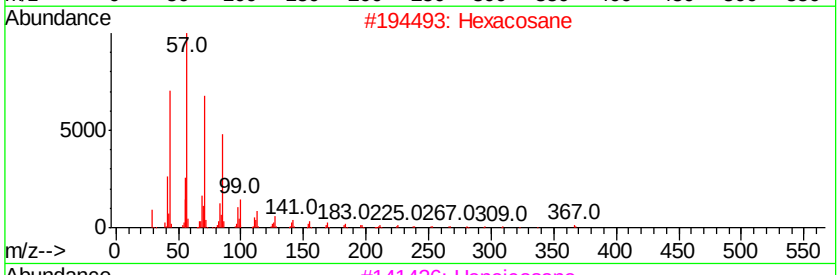
**********
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 2

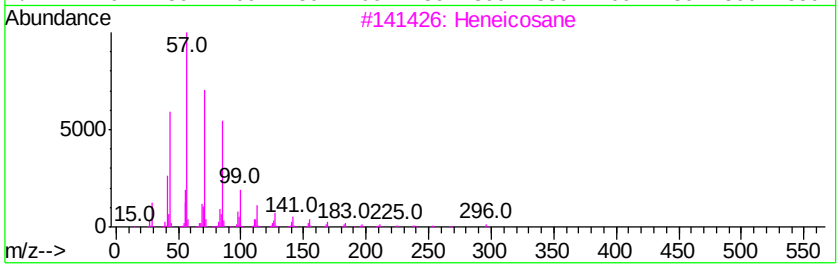
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.97 | 6.63 ng/ul | 715100 | Perylene-d12 | 23.47 |

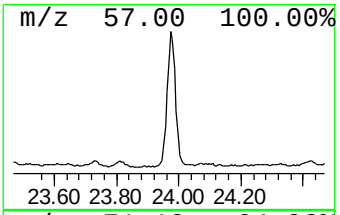
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 93 |
| 2 | Hexacosane | 366 | C26H54 | 000630-01-3 | 90 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |
| 4 | Heneicosane, 11-(1-ethylpropyl)- | 366 | C26H54 | 055282-11-6 | 87 |
| 5 | Heptacosane | 380 | C27H56 | 000593-49-7 | 87 |

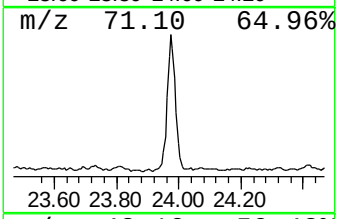


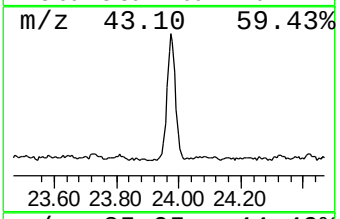



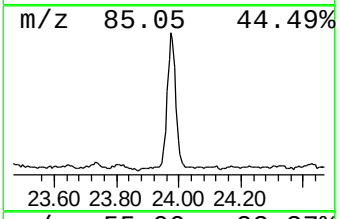



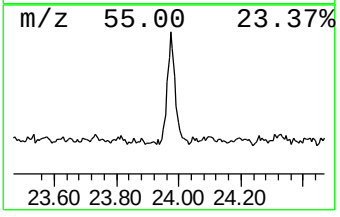



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
Data File : BN002679.D
Acq On : 13 Sep 2018 17:17
Operator : JU/SJ
Sample : J4864-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0D11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

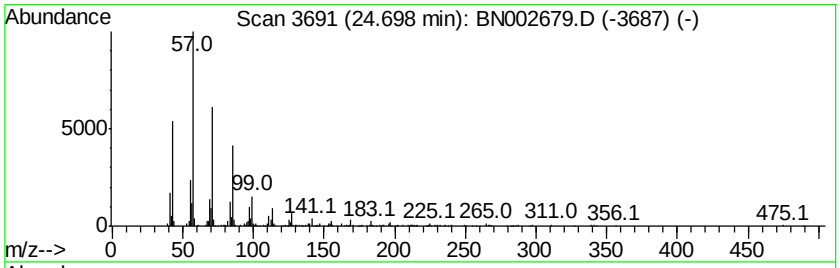
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

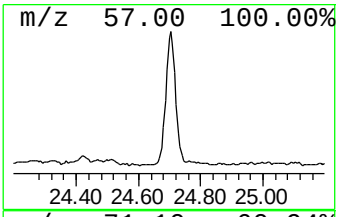
**********

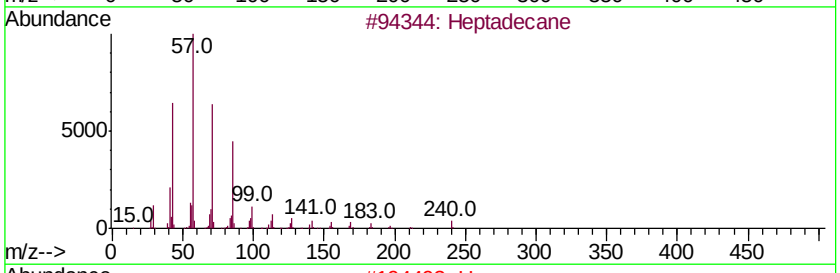
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 5

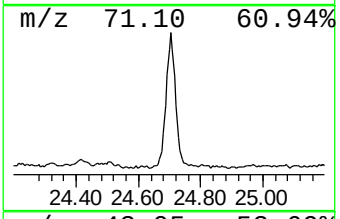
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.70 | 5.02 ng/ul | 541089 | Perylene-d12 | 23.47 |

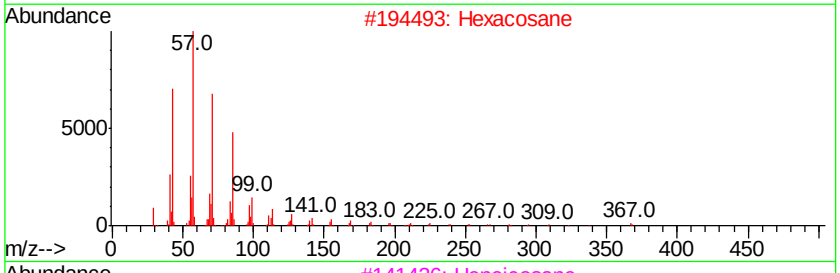
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane | 240 | C17H36 | 000629-78-7 | 94 |
| 2 | Hexacosane | 366 | C26H54 | 000630-01-3 | 93 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 4 | Octacosane | 394 | C28H58 | 000630-02-4 | 91 |
| 5 | Heptacosane | 380 | C27H56 | 000593-49-7 | 87 |

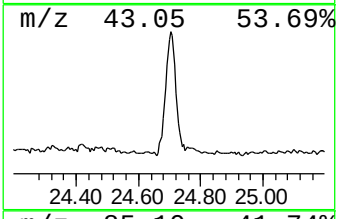


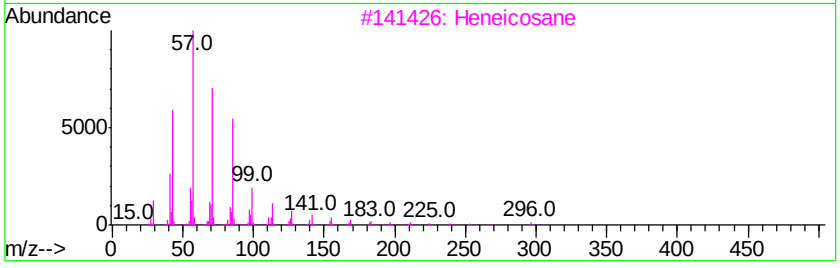



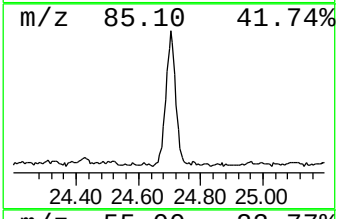



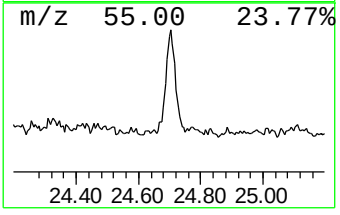



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091318\
Data File : BN002679.D
Acq On : 13 Sep 2018 17:17
Operator : JU/SJ
Sample : J4864-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0D11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Benzyl alcohol | 7.91 | 4.5 | ng/ul | 271077 | 1 | 7.66 | 1196530 | 20.0 |
| Phthalic anhydride | 12.23 | 4.1 | ng/ul | 397277 | 2 | 10.43 | 1918200 | 20.0 |
| Naphthalene, 1,4,... | 14.92 | 2.7 | ng/ul | 332677 | 3 | 14.29 | 2504100 | 20.0 |
| n-Hexadecanoic acid | 17.95 | 3.8 | ng/ul | 449243 | 4 | 17.05 | 2382300 | 20.0 |
| (DEL) Alkane: Str... | 20.97 | 4.2 | ng/ul | 438817 | 5 | 21.24 | 2115050 | 20.0 |
| (DEL) Alkane: Str... | 21.40 | 3.8 | ng/ul | 400201 | 5 | 21.24 | 2115050 | 20.0 |
| (DEL) Alkane: Str... | 21.83 | 4.2 | ng/ul | 443000 | 5 | 21.24 | 2115050 | 20.0 |
| (DEL) Alkane: Str... | 22.29 | 10.5 | ng/ul | 1108960 | 5 | 21.24 | 2115050 | 20.0 |
| Squalene | 22.42 | 5.1 | ng/ul | 552468 | 6 | 23.47 | 2156530 | 20.0 |
| (DEL) Alkane: Str... | 22.79 | 6.2 | ng/ul | 664804 | 6 | 23.47 | 2156530 | 20.0 |
| (DEL) Alkane: Str... | 23.97 | 6.6 | ng/ul | 715100 | 6 | 23.47 | 2156530 | 20.0 |
| (DEL) Alkane: Str... | 24.70 | 5.0 | ng/ul | 541089 | 6 | 23.47 | 2156530 | 20.0 |