LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051920\
Data File : BM026021.D
Acq On : 19 May 2020 15:25
Operator : MA/SJ
Sample : L2681-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CA3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_M\METHODS\SOM-EPA-BM051320MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM026022.D

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.046 | 21 | 27 | 31 | rBV | 174168 | 331259 | 2.61% | 0.493% |
| 2 | 3.705 | 134 | 139 | 146 | rBV3 | 8019 | 14787 | 0.12% | 0.022% |
| 3 | 3.781 | 147 | 152 | 161 | rVB | 325073 | 505784 | 3.98% | 0.753% |
| 4 | 5.658 | 468 | 471 | 478 | rBV2 | 8866 | 14407 | 0.11% | 0.021% |
| 5 | 6.028 | 529 | 534 | 543 | rVB5 | 7661 | 13181 | 0.10% | 0.020% |
| 6 | 6.193 | 558 | 562 | 570 | rBV | 25508 | 39096 | 0.31% | 0.058% |
| 7 | 6.693 | 637 | 647 | 659 | rBV | 257084 | 421261 | 3.32% | 0.627% |
| 8 | 6.852 | 667 | 674 | 683 | rBV | 797639 | 1189644 | 9.37% | 1.771% |
| 9 | 7.040 | 696 | 706 | 715 | rBV | 866658 | 1299040 | 10.23% | 1.934% |
| 10 | 7.504 | 778 | 785 | 794 | rBV | 664326 | 1034947 | 8.15% | 1.541% |
| 11 | 7.587 | 794 | 799 | 804 | rVB | 63473 | 90674 | 0.71% | 0.135% |
| 12 | 7.957 | 855 | 862 | 867 | rVB7 | 7706 | 14647 | 0.12% | 0.022% |
| 13 | 8.210 | 898 | 905 | 914 | rBV2 | 729285 | 1152690 | 9.08% | 1.716% |
| 14 | 8.334 | 920 | 926 | 931 | rVB7 | 12032 | 28511 | 0.22% | 0.042% |
| 15 | 8.646 | 972 | 979 | 991 | rVB | 965226 | 1528817 | 12.04% | 2.277% |
| 16 | 8.834 | 1006 | 1011 | 1020 | rVB | 68404 | 116940 | 0.92% | 0.174% |
| 17 | 8.910 | 1020 | 1024 | 1026 | rVV4 | 8701 | 13149 | 0.10% | 0.020% |
| 18 | 8.946 | 1027 | 1030 | 1033 | rVB3 | 11145 | 14224 | 0.11% | 0.021% |
| 19 | 9.004 | 1035 | 1040 | 1047 | rBV6 | 19563 | 33730 | 0.27% | 0.050% |
| 20 | 9.122 | 1055 | 1060 | 1068 | rVB2 | 23520 | 39753 | 0.31% | 0.059% |
| 21 | 9.204 | 1068 | 1074 | 1080 | rBV9 | 6462 | 14336 | 0.11% | 0.021% |
| 22 | 9.304 | 1086 | 1091 | 1094 | rBV6 | 11207 | 22590 | 0.18% | 0.034% |
| 23 | 9.357 | 1094 | 1100 | 1109 | rVV | 754126 | 1221937 | 9.62% | 1.820% |
| 24 | 9.575 | 1131 | 1137 | 1142 | rVB4 | 18954 | 31758 | 0.25% | 0.047% |
| 25 | 9.893 | 1185 | 1191 | 1203 | rBV | 1133132 | 1847275 | 14.55% | 2.751% |
| 26 | 10.051 | 1212 | 1218 | 1223 | rBV7 | 10635 | 16028 | 0.13% | 0.024% |
| 27 | 10.128 | 1226 | 1231 | 1236 | rVB7 | 7261 | 16961 | 0.13% | 0.025% |
| 28 | 10.263 | 1247 | 1254 | 1261 | rBV | 907344 | 1454923 | 11.46% | 2.166% |
| 29 | 10.328 | 1261 | 1265 | 1271 | rVV7 | 21223 | 38759 | 0.31% | 0.058% |
| 30 | 10.410 | 1272 | 1279 | 1282 | rVV | 51643 | 104212 | 0.82% | 0.155% |
| 31 | 10.440 | 1282 | 1284 | 1294 | rVB3 | 54743 | 81082 | 0.64% | 0.121% |
| 32 | 10.628 | 1313 | 1316 | 1322 | rBV8 | 10391 | 19259 | 0.15% | 0.029% |
| 33 | 10.840 | 1346 | 1352 | 1357 | rBV5 | 17030 | 29904 | 0.24% | 0.045% |
| 34 | 10.910 | 1357 | 1364 | 1372 | rVB6 | 13110 | 30348 | 0.24% | 0.045% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051920\
Data File : BM026021.D
Acq On : 19 May 2020 15:25
Operator : MA/SJ
Sample : L2681-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CA3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_M\METHODS\SOM-EPA-BM051320MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 11.098 | 1391 | 1396 | 1399 | rBV6 | 9195 | 21086 | 0.17% | 0.031% |
| 36 | 11.169 | 1404 | 1408 | 1416 | rVV10 | 7859 | 14817 | 0.12% | 0.022% |
| 37 | 11.240 | 1416 | 1420 | 1425 | rVB4 | 12261 | 18828 | 0.15% | 0.028% |
| 38 | 11.369 | 1436 | 1442 | 1452 | rVB3 | 22288 | 52011 | 0.41% | 0.077% |
| 39 | 11.504 | 1460 | 1465 | 1470 | rBV7 | 9150 | 17377 | 0.14% | 0.026% |
| 40 | 11.663 | 1486 | 1492 | 1500 | rVB9 | 18367 | 49217 | 0.39% | 0.073% |
| 41 | 11.863 | 1522 | 1526 | 1530 | rVB | 15493 | 21035 | 0.17% | 0.031% |
| 42 | 12.163 | 1574 | 1577 | 1581 | rVB5 | 10211 | 14514 | 0.11% | 0.022% |
| 43 | 12.292 | 1589 | 1599 | 1603 | rBV9 | 15486 | 41695 | 0.33% | 0.062% |
| 44 | 12.498 | 1631 | 1634 | 1639 | rVV4 | 15037 | 24563 | 0.19% | 0.037% |
| 45 | 12.569 | 1642 | 1646 | 1649 | rVV6 | 10870 | 16134 | 0.13% | 0.024% |
| 46 | 12.634 | 1653 | 1657 | 1662 | rVB6 | 24389 | 42824 | 0.34% | 0.064% |
| 47 | 12.763 | 1675 | 1679 | 1683 | rBV2 | 23253 | 39300 | 0.31% | 0.059% |
| 48 | 12.851 | 1692 | 1694 | 1700 | rVB6 | 8658 | 16384 | 0.13% | 0.024% |
| 49 | 13.151 | 1741 | 1745 | 1760 | rVB9 | 27231 | 72745 | 0.57% | 0.108% |
| 50 | 13.292 | 1764 | 1769 | 1773 | rBV7 | 8974 | 21666 | 0.17% | 0.032% |
| 51 | 13.445 | 1792 | 1795 | 1798 | rBV4 | 12580 | 14874 | 0.12% | 0.022% |
| 52 | 13.522 | 1804 | 1808 | 1810 | rVV4 | 11998 | 17556 | 0.14% | 0.026% |
| 53 | 13.569 | 1810 | 1816 | 1820 | rVV | 1922654 | 2636351 | 20.76% | 3.926% |
| 54 | 13.616 | 1820 | 1824 | 1833 | rVV | 372645 | 540138 | 4.25% | 0.804% |
| 55 | 13.704 | 1835 | 1839 | 1844 | rVB7 | 11307 | 16216 | 0.13% | 0.024% |
| 56 | 13.833 | 1854 | 1861 | 1869 | rBV | 2241635 | 3177527 | 25.02% | 4.732% |
| 57 | 13.898 | 1869 | 1872 | 1879 | rVV2 | 22650 | 41486 | 0.33% | 0.062% |
| 58 | 13.963 | 1879 | 1883 | 1888 | rVB5 | 22216 | 40485 | 0.32% | 0.060% |
| 59 | 14.086 | 1900 | 1904 | 1907 | rBV6 | 12274 | 20076 | 0.16% | 0.030% |
| 60 | 14.145 | 1908 | 1914 | 1926 | rVB2 | 1263888 | 1820711 | 14.34% | 2.711% |
| 61 | 14.363 | 1946 | 1951 | 1960 | rVB | 195702 | 287988 | 2.27% | 0.429% |
| 62 | 14.598 | 1988 | 1991 | 1995 | rBV4 | 14862 | 20355 | 0.16% | 0.030% |
| 63 | 14.698 | 2003 | 2008 | 2012 | rBV2 | 105448 | 148224 | 1.17% | 0.221% |
| 64 | 14.739 | 2012 | 2015 | 2018 | rVV4 | 31482 | 47143 | 0.37% | 0.070% |
| 65 | 14.780 | 2018 | 2022 | 2028 | rVB | 256123 | 339995 | 2.68% | 0.506% |
| 66 | 14.904 | 2040 | 2043 | 2047 | rVB2 | 17637 | 23642 | 0.19% | 0.035% |
| 67 | 14.980 | 2052 | 2056 | 2061 | rVB5 | 27627 | 41933 | 0.33% | 0.062% |
| 68 | 15.045 | 2064 | 2067 | 2070 | rBV5 | 13018 | 20989 | 0.17% | 0.031% |
| 69 | 15.145 | 2078 | 2084 | 2090 | rBV | 2794644 | 3733133 | 29.39% | 5.559% |
| 70 | 15.275 | 2100 | 2106 | 2114 | rBV | 1000966 | 1437681 | 11.32% | 2.141% |
| 71 | 15.357 | 2115 | 2120 | 2128 | rVV2 | 112954 | 217876 | 1.72% | 0.324% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051920\
Data File : BM026021.D
Acq On : 19 May 2020 15:25
Operator : MA/SJ
Sample : L2681-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CA3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_M\METHODS\SOM-EPA-BM051320MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 15.422 | 2128 | 2131 | 2134 | rVB | 26430 | 31197 | 0.25% | 0.046% |
| 73 | 15.592 | 2156 | 2160 | 2161 | rBV2 | 21246 | 24841 | 0.20% | 0.037% |
| 74 | 15.663 | 2169 | 2172 | 2179 | rVB6 | 23391 | 34236 | 0.27% | 0.051% |
| 75 | 15.833 | 2197 | 2201 | 2204 | rVB6 | 15829 | 22730 | 0.18% | 0.034% |
| 76 | 15.969 | 2221 | 2224 | 2229 | rVB7 | 16830 | 22555 | 0.18% | 0.034% |
| 77 | 16.557 | 2315 | 2324 | 2342 | rBV | 9147965 | 12700368 | 100.00% | 18.912% |
| 78 | 16.892 | 2376 | 2381 | 2387 | rBV | 1459112 | 2035909 | 16.03% | 3.032% |
| 79 | 16.992 | 2392 | 2398 | 2413 | rBV | 3013500 | 4030356 | 31.73% | 6.001% |
| 80 | 17.116 | 2416 | 2419 | 2428 | rVB7 | 42354 | 77881 | 0.61% | 0.116% |
| 81 | 17.821 | 2535 | 2539 | 2547 | rBV2 | 358591 | 569339 | 4.48% | 0.848% |
| 82 | 18.121 | 2588 | 2590 | 2594 | rVB4 | 30667 | 30771 | 0.24% | 0.046% |
| 83 | 19.116 | 2755 | 2759 | 2766 | rBV | 214041 | 318159 | 2.51% | 0.474% |
| 84 | 19.292 | 2784 | 2789 | 2796 | rVB2 | 3527877 | 4559353 | 35.90% | 6.789% |
| 85 | 20.839 | 3048 | 3052 | 3058 | rBV2 | 319629 | 434439 | 3.42% | 0.647% |
| 86 | 21.092 | 3090 | 3095 | 3101 | rVB | 2012336 | 2386247 | 18.79% | 3.553% |
| 87 | 21.286 | 3124 | 3128 | 3133 | rBV | 273147 | 293797 | 2.31% | 0.437% |
| 88 | 21.704 | 3195 | 3199 | 3207 | rBV | 502168 | 557320 | 4.39% | 0.830% |
| 89 | 22.145 | 3270 | 3274 | 3283 | rVB | 680337 | 807238 | 6.36% | 1.202% |
| 90 | 22.621 | 3351 | 3355 | 3362 | rVB | 670166 | 916968 | 7.22% | 1.365% |
| 91 | 23.086 | 3427 | 3434 | 3440 | rBV | 2713236 | 4649023 | 36.61% | 6.923% |
| 92 | 23.156 | 3441 | 3446 | 3450 | rVV | 614072 | 1005827 | 7.92% | 1.498% |
| 93 | 23.215 | 3450 | 3456 | 3465 | rVB | 1366793 | 2357535 | 18.56% | 3.511% |
| 94 | 23.756 | 3543 | 3548 | 3555 | rVB | 481868 | 778672 | 6.13% | 1.159% |
| 95 | 24.445 | 3660 | 3665 | 3673 | rVB | 279329 | 556923 | 4.39% | 0.829% |

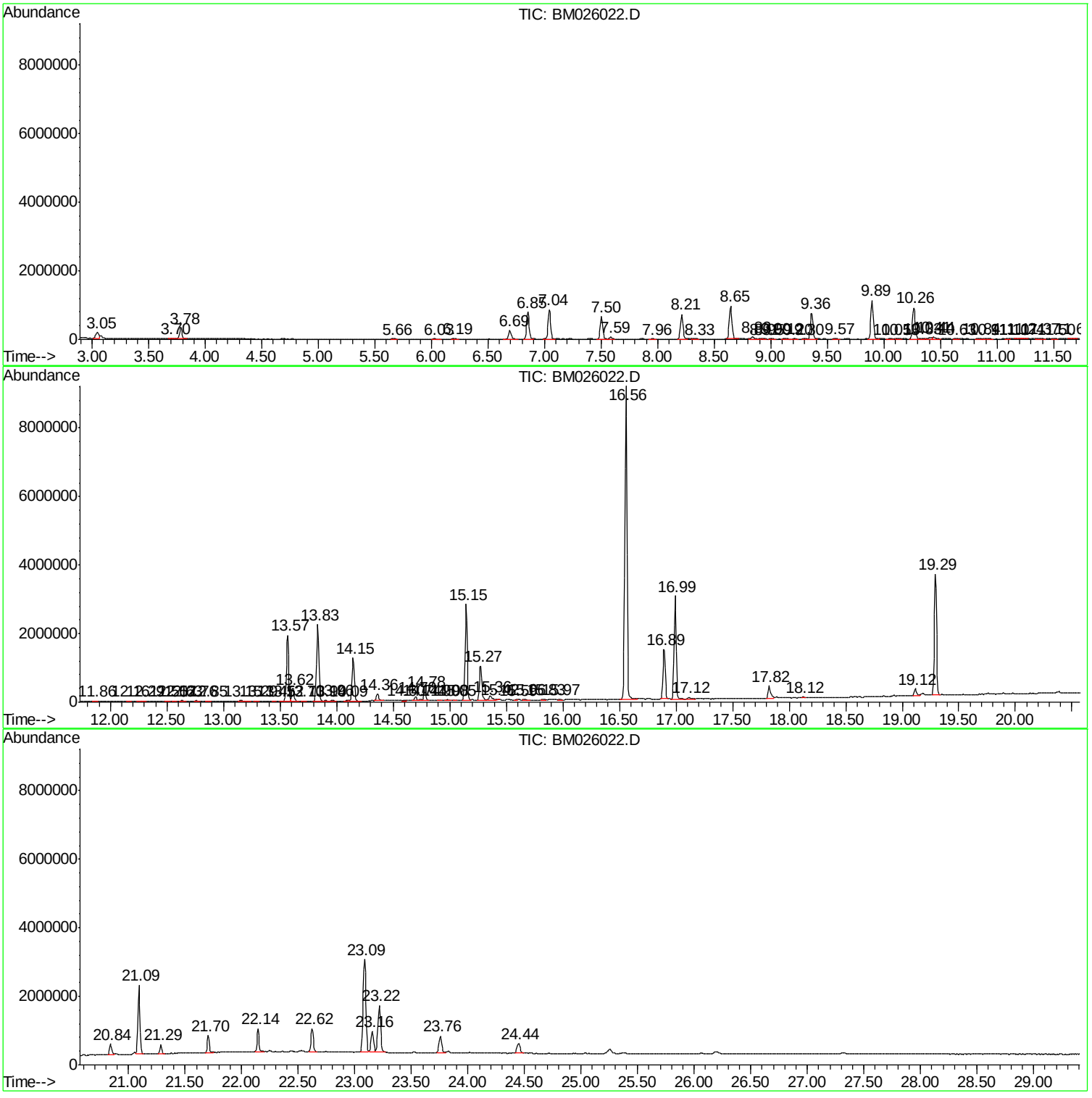
Sum of corrected areas: 67156172

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051920\
Data File : BM026021.D
Acq On : 19 May 2020 15:25
Operator : MA/SJ
Sample : L2681-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CA3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051920\
Data File : BM026021.D
Acq On : 19 May 2020 15:25
Operator : MA/SJ
Sample : L2681-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CA3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

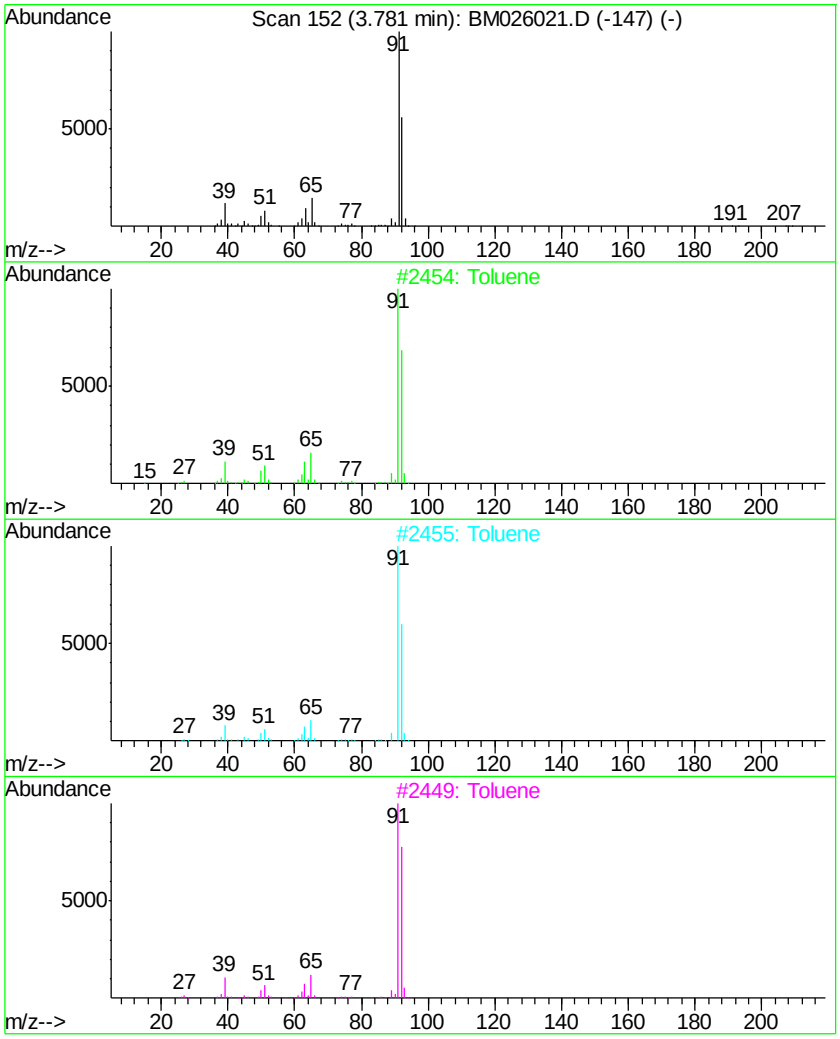
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

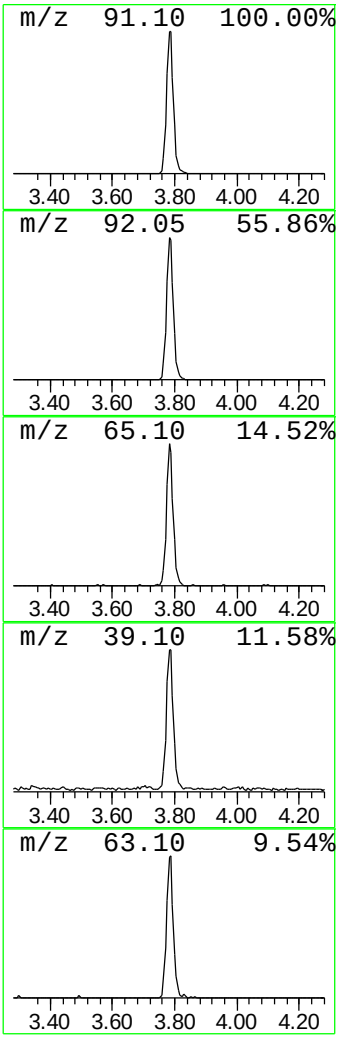
**********

Peak Number 1 Toluene Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.78 | 9.77 ng/ul | 505784 | 1,4-Dichlorobenzene-d4 | 7.50 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Toluene | 92 | C7H8 | 000108-88-3 | 95 |
| 2 | Toluene | 92 | C7H8 | 000108-88-3 | 94 |
| 3 | Toluene | 92 | C7H8 | 000108-88-3 | 91 |
| 4 | Spiro[2,4]hepta-4,6-diene | 92 | C7H8 | 000765-46-8 | 90 |
| 5 | 1,3,5-Cycloheptatriene | 92 | C7H8 | 000544-25-2 | 90 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051920\
Data File : BM026021.D
Acq On : 19 May 2020 15:25
Operator : MA/SJ
Sample : L2681-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CA3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

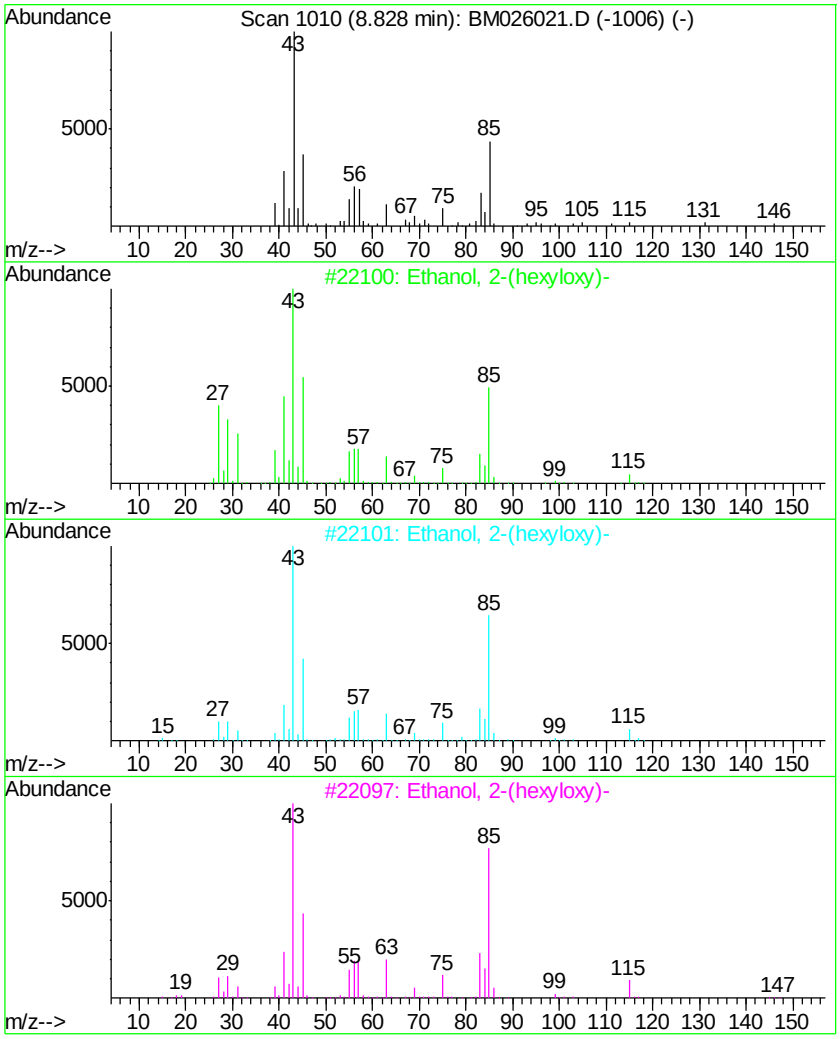
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

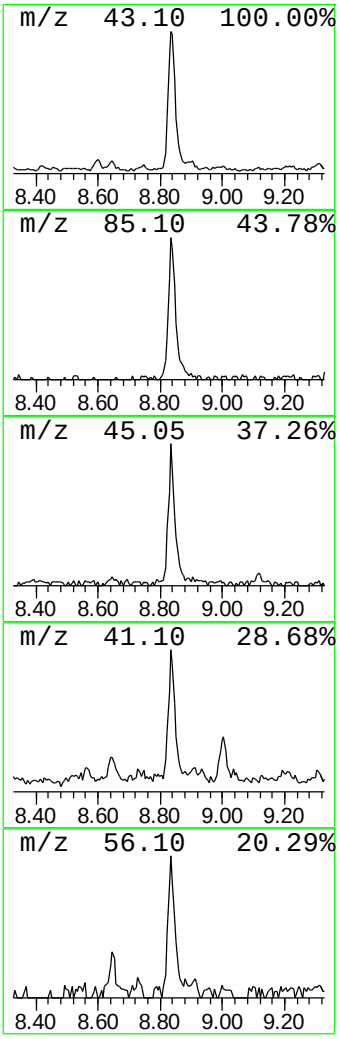
**********

Peak Number 2 Ethanol, 2-(hexyloxy)- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.83 | 2.26 ng/ul | 116940 | 1,4-Dichlorobenzene-d4 | 7.50 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2-(hexyloxy)- | 146 | C8H18O2 | 000112-25-4 | 64 |
| 2 | Ethanol, 2-(hexyloxy)- | 146 | C8H18O2 | 000112-25-4 | 53 |
| 3 | Ethanol, 2-(hexyloxy)- | 146 | C8H18O2 | 000112-25-4 | 42 |
| 4 | 4-Methylpentan-2-yl propyl carbo... | 188 | C10H20O3 | 1000372-81-8 | 40 |
| 5 | Hexane, 1-propoxy- | 144 | C9H20O | 053685-78-2 | 38 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051920\
Data File : BM026021.D
Acq On : 19 May 2020 15:25
Operator : MA/SJ
Sample : L2681-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CA3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

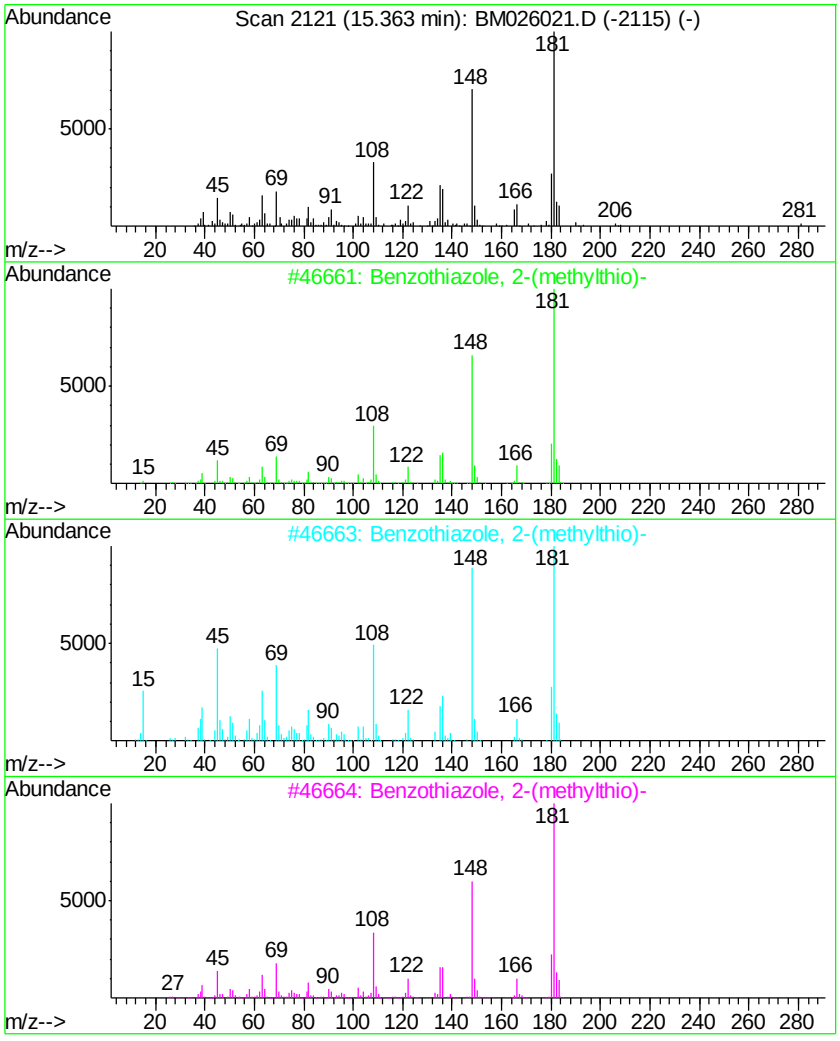
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

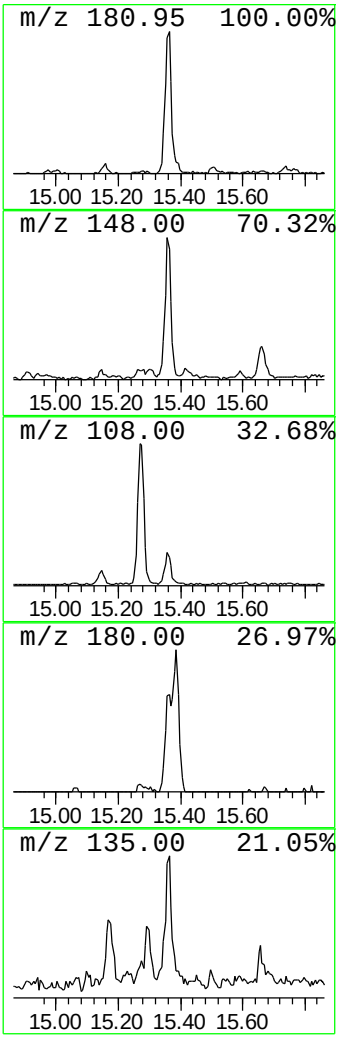
**********

Peak Number 3 Benzothiazole, 2-(methylthio)- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.36 | 2.39 ng/ul | 217876 | Acenaphthene-d10 | 14.15 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzothiazole, 2-(methylthio)- | 181 | C8H7NS2 | 000615-22-5 | 96 |
| 2 | Benzothiazole, 2-(methylthio)- | 181 | C8H7NS2 | 000615-22-5 | 96 |
| 3 | Benzothiazole, 2-(methylthio)- | 181 | C8H7NS2 | 000615-22-5 | 96 |
| 4 | Benzothiazole, 2-(methylthio)- | 181 | C8H7NS2 | 000615-22-5 | 95 |
| 5 | 2-(Methylthio)phenyl isothiocyanate | 181 | C8H7NS2 | 051333-75-6 | 74 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051920\
Data File : BM026021.D
Acq On : 19 May 2020 15:25
Operator : MA/SJ
Sample : L2681-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CA3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

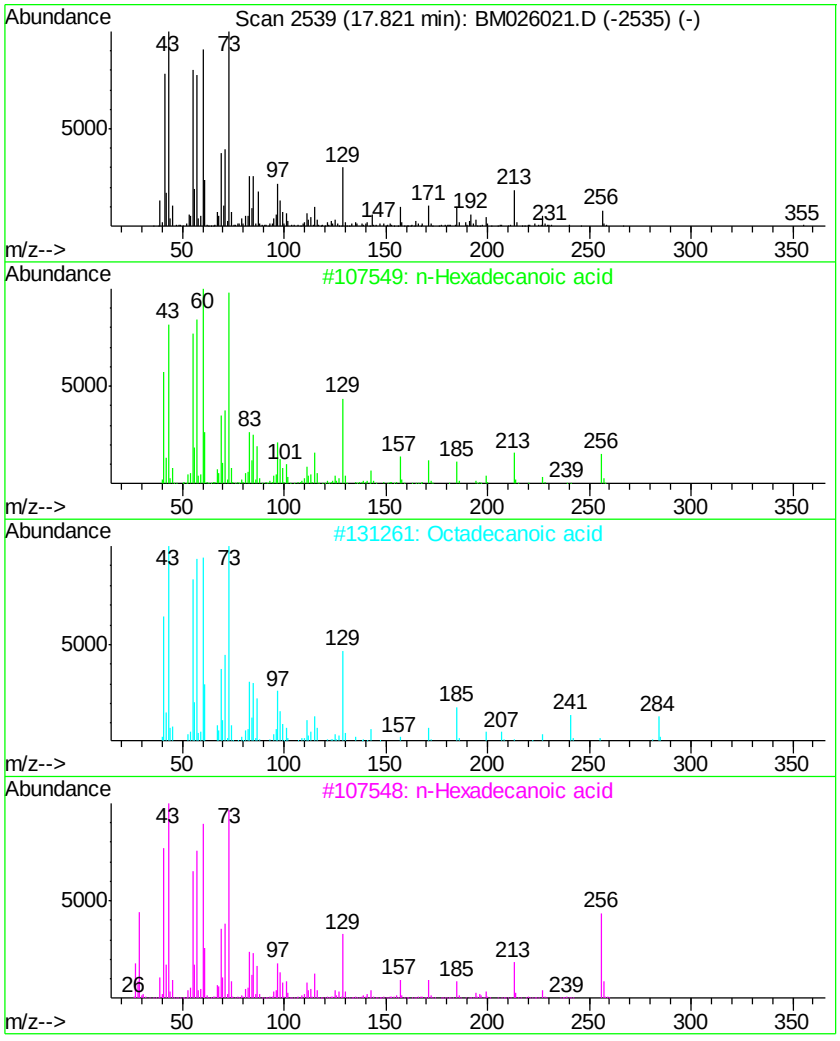
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

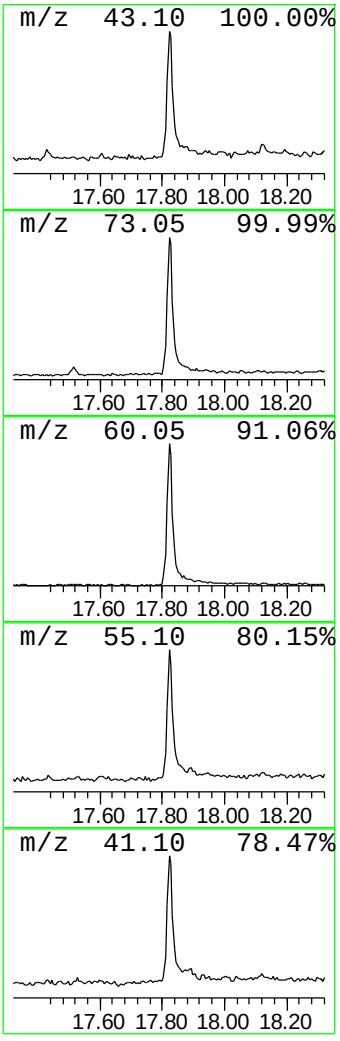
**********

Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.82 | 5.59 ng/ul | 569339 | Phenanthrene-d10 | 16.89 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 90 |
| 3 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 90 |
| 4 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 87 |
| 5 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 83 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051920\
Data File : BM026021.D
Acq On : 19 May 2020 15:25
Operator : MA/SJ
Sample : L2681-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CA3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

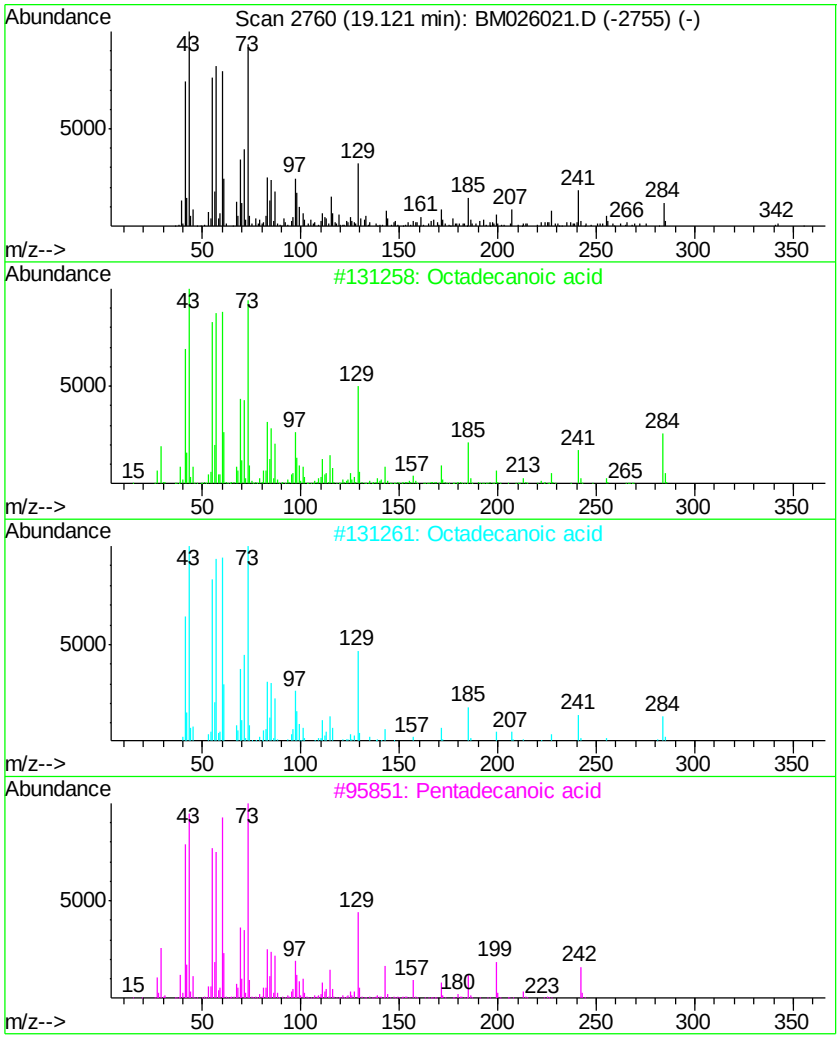
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

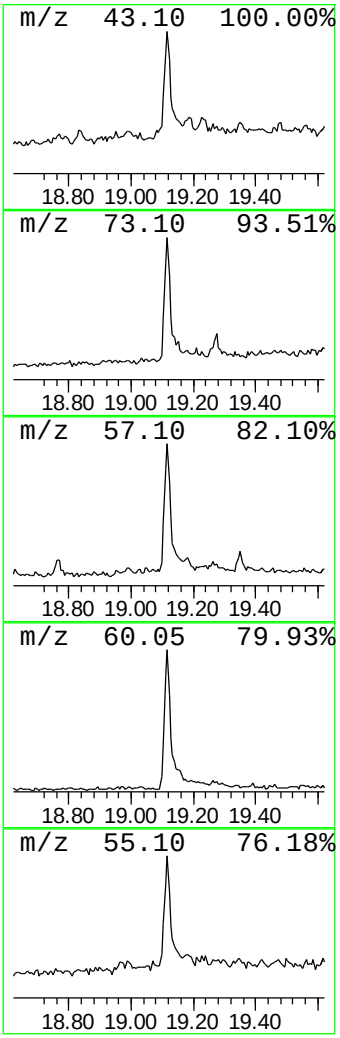
**********

Peak Number 5 Octadecanoic acid Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.12 | 2.67 ng/ul | 318159 | Chrysene-d12 | 21.09 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 2 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 95 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 91 |
| 4 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 91 |
| 5 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 87 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051920\
Data File : BM026021.D
Acq On : 19 May 2020 15:25
Operator : MA/SJ
Sample : L2681-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CA3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

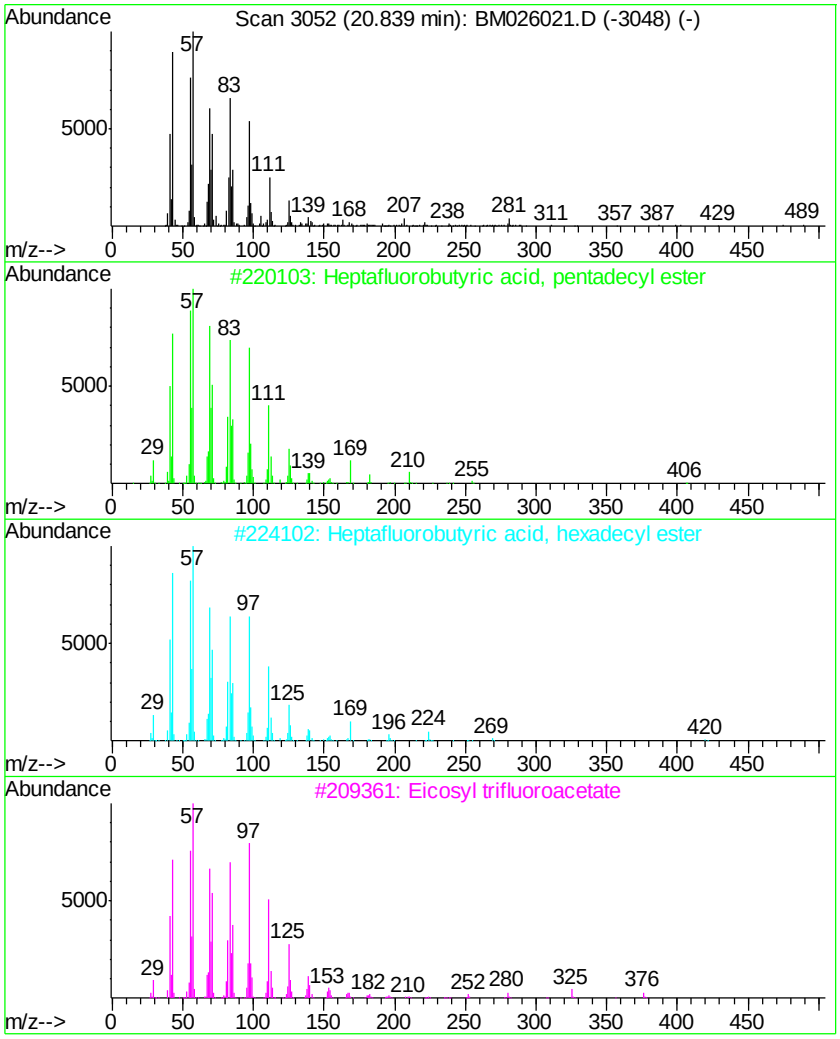
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

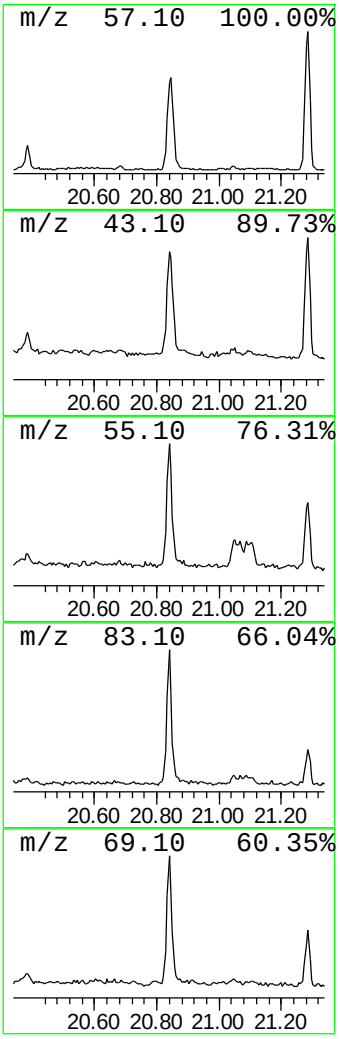
**********

Peak Number 6 Heptafluorobutyric acid, pe... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.84 | 3.64 ng/ul | 434439 | Chrysene-d12 | 21.09 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 94 |
| 2 | Heptafluorobutyric acid, hexadec... | 438 | C20H33F7O2 | 006385-15-5 | 91 |
| 3 | Eicosyl trifluoroacetate | 394 | C22H41F3O2 | 1000351-75-2 | 91 |
| 4 | Heptafluorobutyric acid, n-octad... | 466 | C22H37F7O2 | 000400-57-7 | 91 |
| 5 | Pentafluoropropionic acid, octad... | 416 | C21H37F5O2 | 959261-25-7 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051920\
Data File : BM026021.D
Acq On : 19 May 2020 15:25
Operator : MA/SJ
Sample : L2681-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CA3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

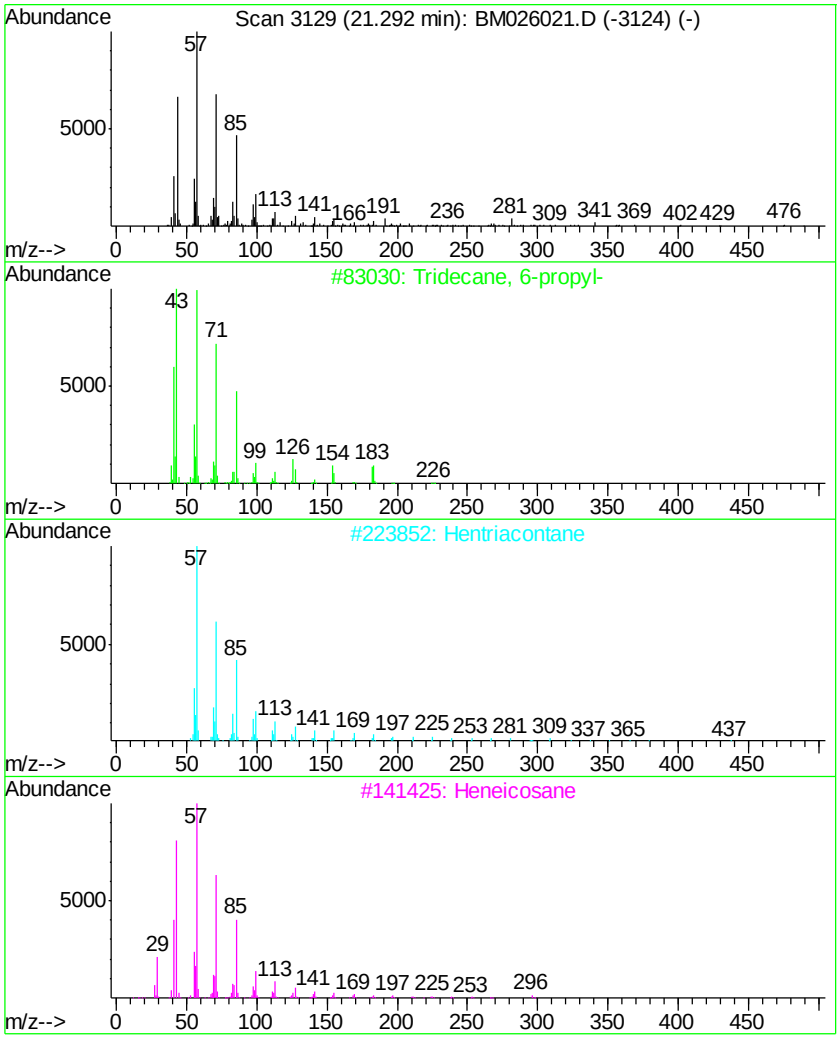
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

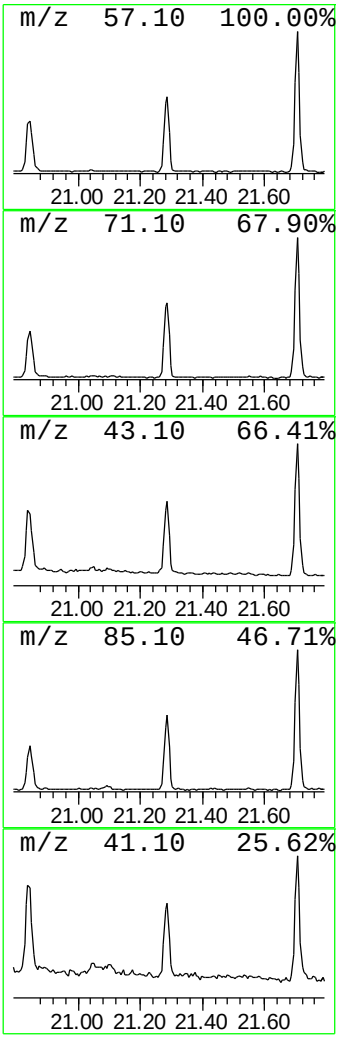
**********

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.29 | 2.46 ng/ul | 293797 | Chrysene-d12 | 21.09 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane, 6-propyl- | 226 | C16H34 | 055045-10-8 | 87 |
| 2 | Hentriacontane | 437 | C31H64 | 000630-04-6 | 87 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 87 |
| 4 | Octacosane | 394 | C28H58 | 000630-02-4 | 87 |
| 5 | Tetracosane | 338 | C24H50 | 000646-31-1 | 86 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051920\
Data File : BM026021.D
Acq On : 19 May 2020 15:25
Operator : MA/SJ
Sample : L2681-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CA3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

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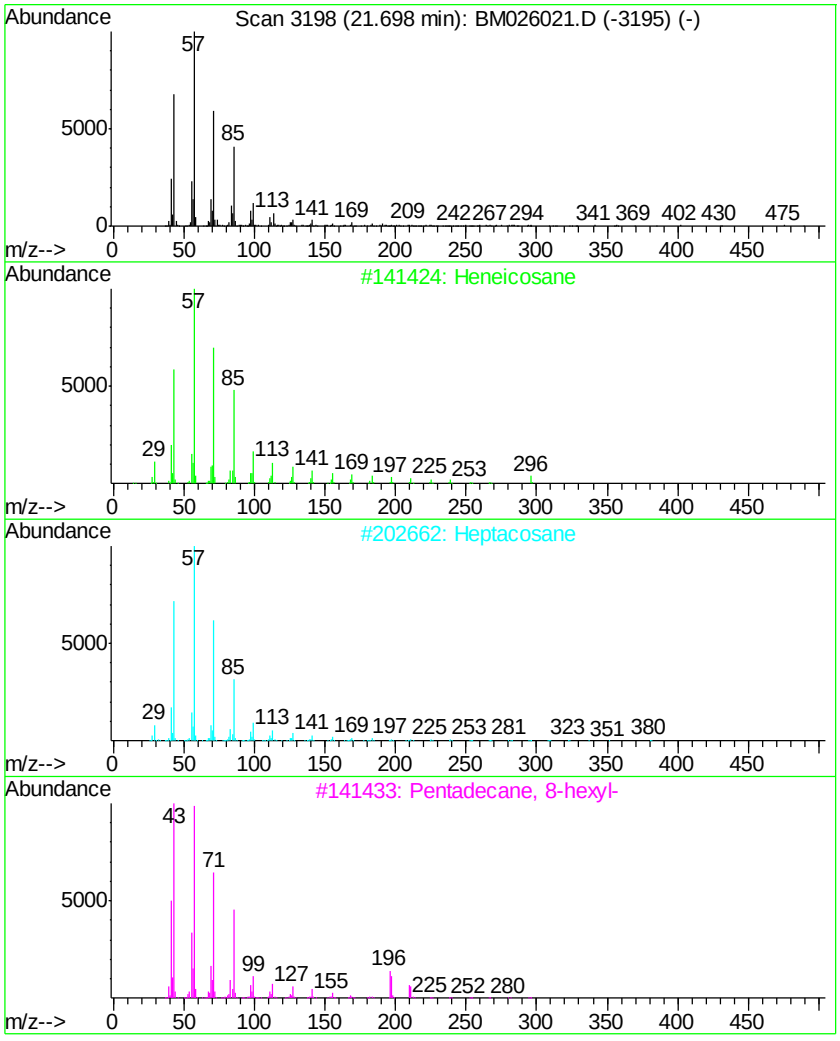
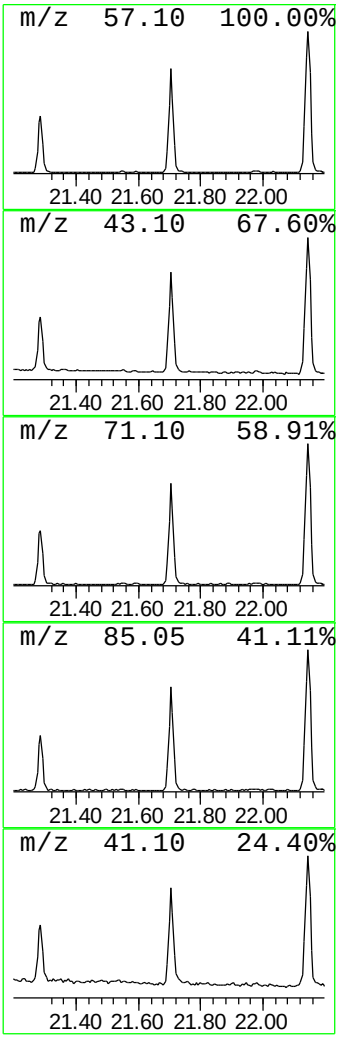
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.70 | 4.67 ng/ul | 557320 | Chrysene-d12 | 21.09 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 97 |
| 2 | Heptacosane | 380 | C27H56 | 000593-49-7 | 96 |
| 3 | Pentadecane, 8-hexyl- | 296 | C21H44 | 013475-75-7 | 94 |
| 4 | Octadecane | 254 | C18H38 | 000593-45-3 | 94 |
| 5 | Tricosane | 324 | C23H48 | 000638-67-5 | 93 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051920\
Data File : BM026021.D
Acq On : 19 May 2020 15:25
Operator : MA/SJ
Sample : L2681-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CA3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

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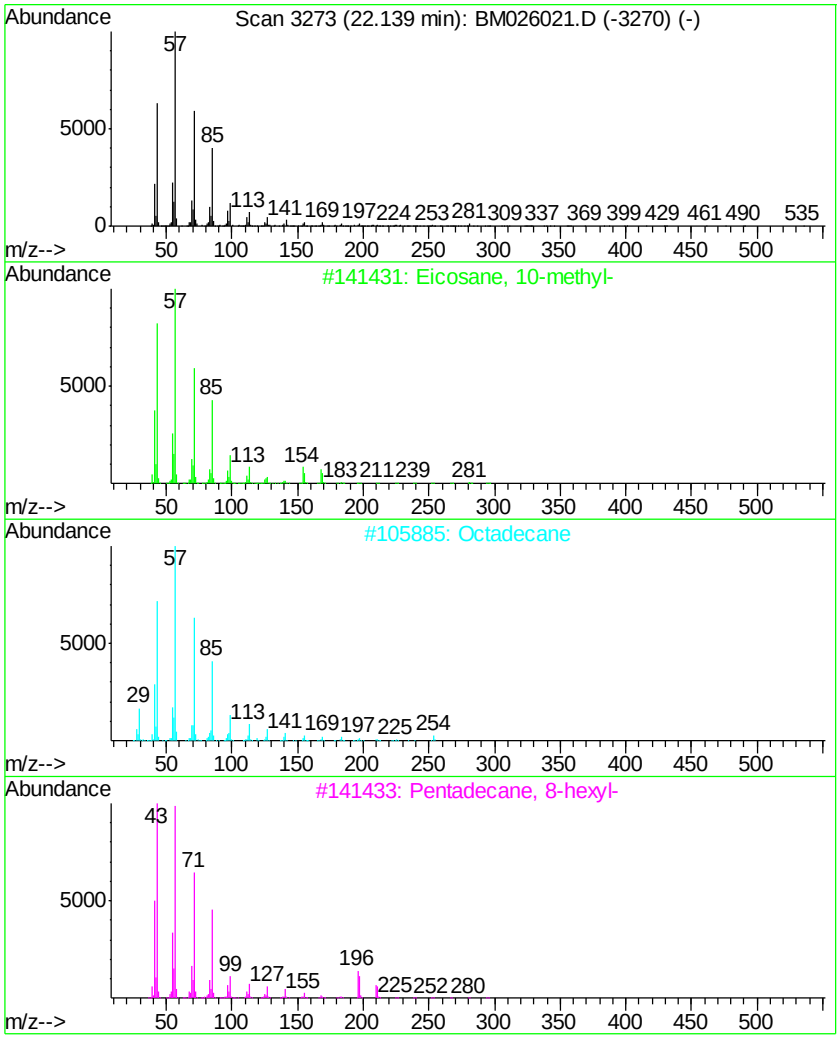
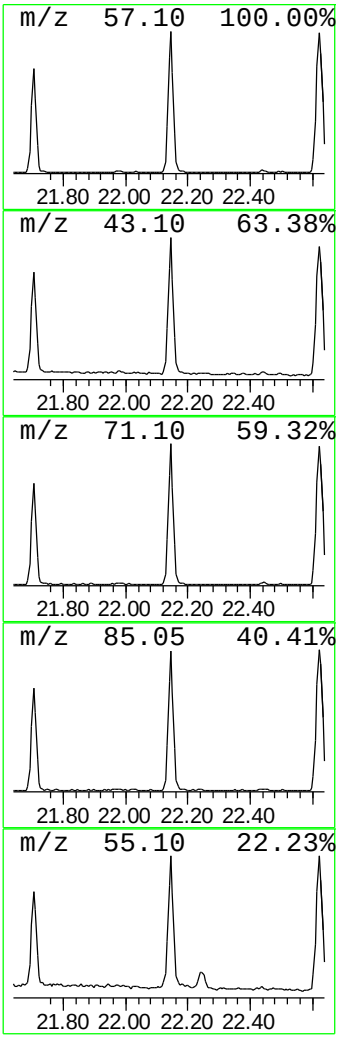
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.14 | 6.77 ng/ul | 807238 | Chrysene-d12 | 21.09 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane, 10-methyl- | 296 | C21H44 | 054833-23-7 | 94 |
| 2 | Octadecane | 254 | C18H38 | 000593-45-3 | 93 |
| 3 | Pentadecane, 8-hexyl- | 296 | C21H44 | 013475-75-7 | 93 |
| 4 | Octacosane | 394 | C28H58 | 000630-02-4 | 91 |
| 5 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051920\
Data File : BM026021.D
Acq On : 19 May 2020 15:25
Operator : MA/SJ
Sample : L2681-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CA3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

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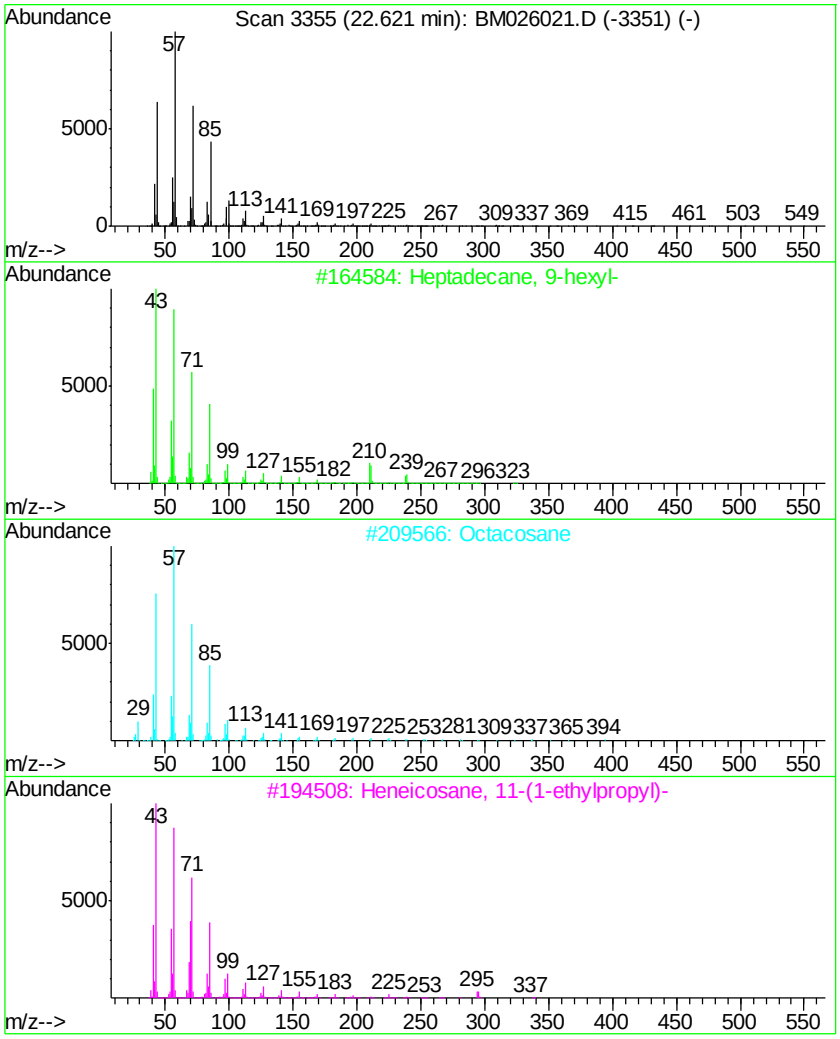
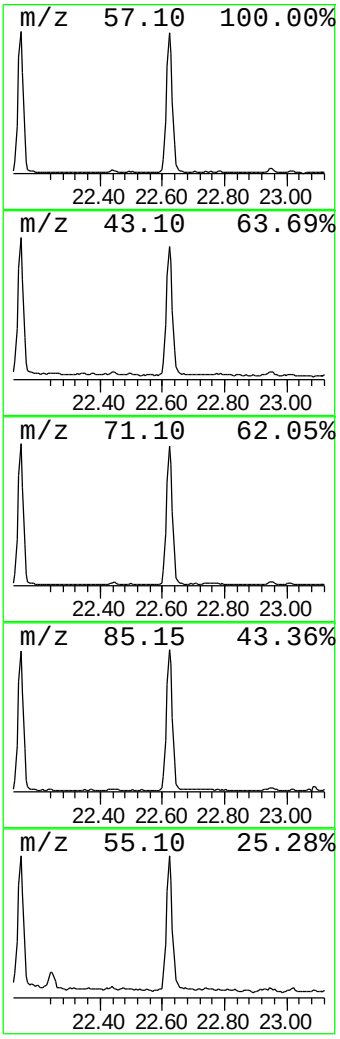
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.62 | 7.78 ng/ul | 916968 | Perylene-d12 | 23.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane, 9-hexyl- | 324 | C23H48 | 055124-79-3 | 94 |
| 2 | Octacosane | 394 | C28H58 | 000630-02-4 | 91 |
| 3 | Heneicosane, 11-(1-ethylpropyl)- | 366 | C26H54 | 055282-11-6 | 91 |
| 4 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 5 | Heptacosane | 380 | C27H56 | 000593-49-7 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051920\
Data File : BM026021.D
Acq On : 19 May 2020 15:25
Operator : MA/SJ
Sample : L2681-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CA3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

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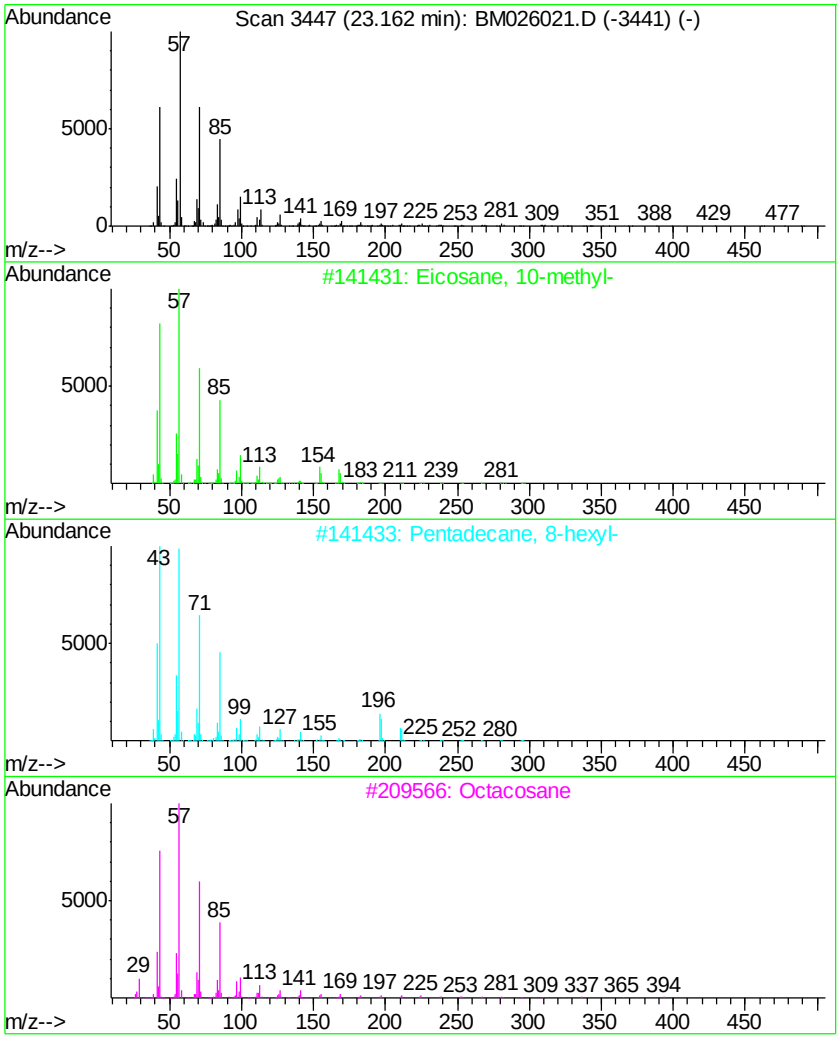
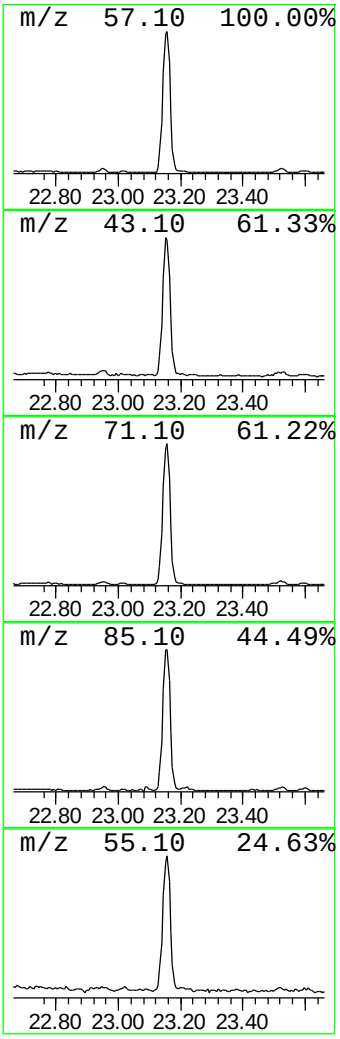
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.16 | 8.53 ng/ul | 1005830 | Perylene-d12 | 23.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane, 10-methyl- | 296 | C21H44 | 054833-23-7 | 94 |
| 2 | Pentadecane, 8-hexyl- | 296 | C21H44 | 013475-75-7 | 93 |
| 3 | Octacosane | 394 | C28H58 | 000630-02-4 | 91 |
| 4 | Hexacosane | 366 | C26H54 | 000630-01-3 | 90 |
| 5 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051920\
Data File : BM026021.D
Acq On : 19 May 2020 15:25
Operator : MA/SJ
Sample : L2681-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CA3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

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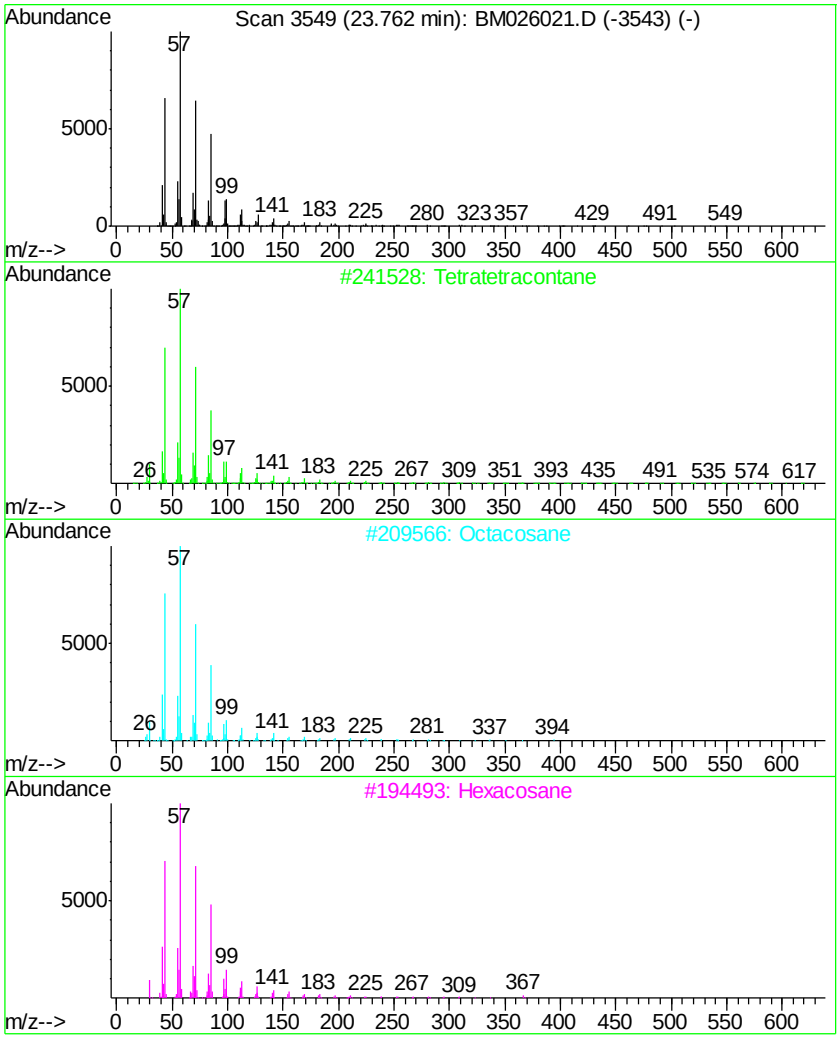
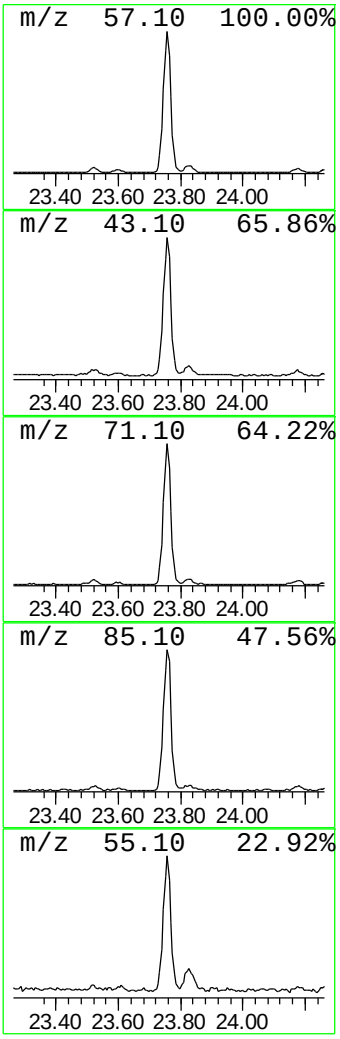
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.76 | 6.61 ng/ul | 778672 | Perylene-d12 | 23.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 91 |
| 2 | Octacosane | 394 | C28H58 | 000630-02-4 | 91 |
| 3 | Hexacosane | 366 | C26H54 | 000630-01-3 | 91 |
| 4 | Hexatriacontane | 507 | C36H74 | 000630-06-8 | 91 |
| 5 | Octacosane | 394 | C28H58 | 000630-02-4 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051920\
Data File : BM026021.D
Acq On : 19 May 2020 15:25
Operator : MA/SJ
Sample : L2681-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CA3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

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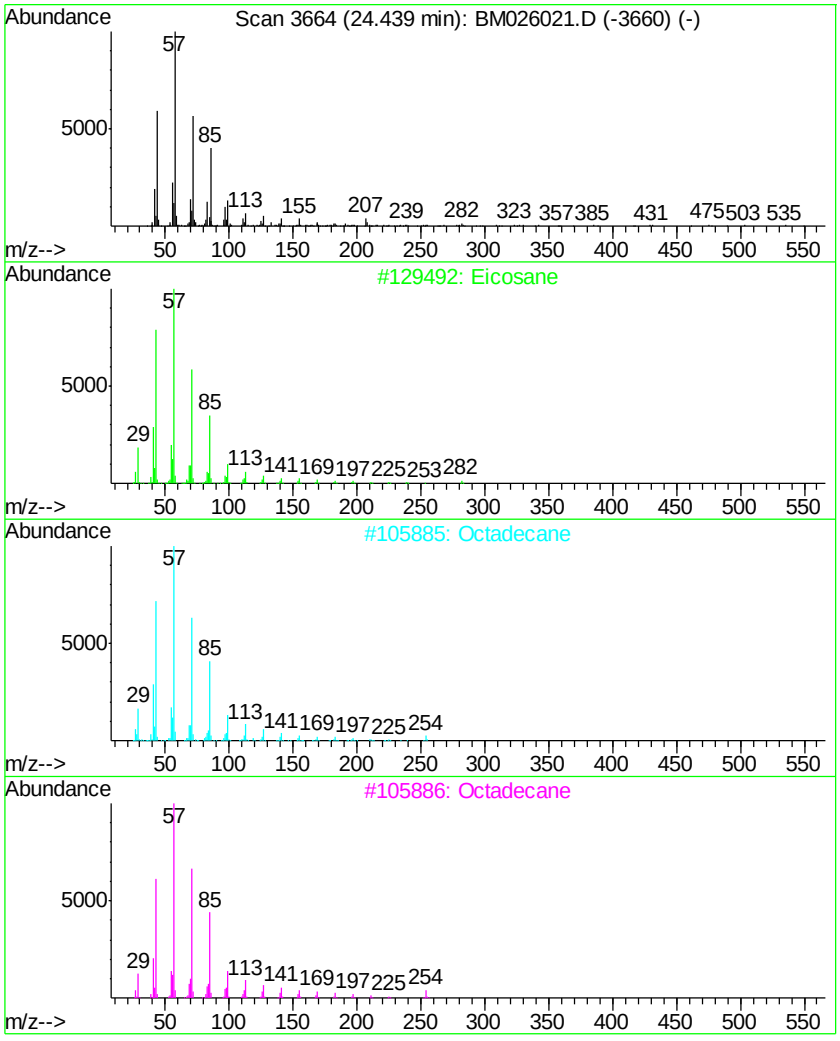
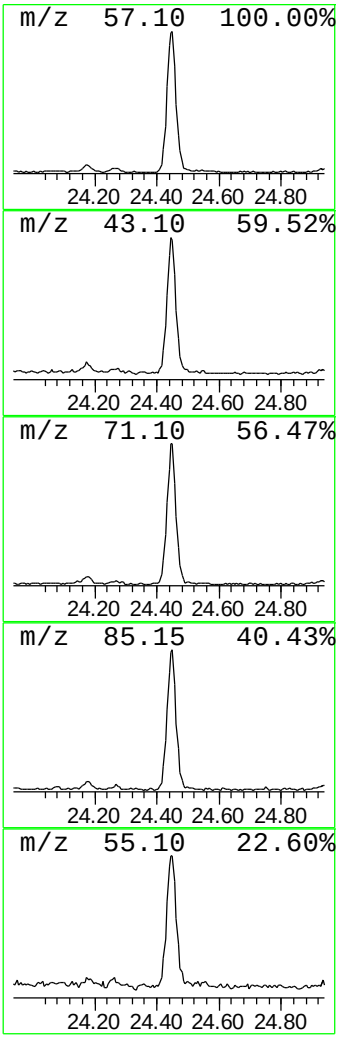
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.44 | 4.72 ng/ul | 556923 | Perylene-d12 | 23.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane | 282 | C20H42 | 000112-95-8 | 97 |
| 2 | Octadecane | 254 | C18H38 | 000593-45-3 | 94 |
| 3 | Octadecane | 254 | C18H38 | 000593-45-3 | 91 |
| 4 | Hexacosane | 366 | C26H54 | 000630-01-3 | 90 |
| 5 | Octadecane, 2-methyl- | 268 | C19H40 | 001560-88-9 | 87 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051920\
Data File : BM026021.D
Acq On : 19 May 2020 15:25
Operator : MA/SJ
Sample : L2681-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CA3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.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 |
| Toluene | 3.78 | 9.8 | ng/ul | 505784 | 1 | 7.50 | 1034950 | 20.0 |
| Ethanol, 2-(hexyl... | 8.83 | 2.3 | ng/ul | 116940 | 1 | 7.50 | 1034950 | 20.0 |
| Benzothiazole, 2-... | 15.36 | 2.4 | ng/ul | 217876 | 3 | 14.15 | 1820710 | 20.0 |
| n-Hexadecanoic acid | 17.82 | 5.6 | ng/ul | 569339 | 4 | 16.89 | 2035910 | 20.0 |
| Octadecanoic acid | 19.12 | 2.7 | ng/ul | 318159 | 5 | 21.09 | 2386250 | 20.0 |
| Heptafluorobutyri... | 20.84 | 3.6 | ng/ul | 434439 | 5 | 21.09 | 2386250 | 20.0 |
| (DEL) Alkane: Str... | 21.29 | 2.5 | ng/ul | 293797 | 5 | 21.09 | 2386250 | 20.0 |
| (DEL) Alkane: Str... | 21.70 | 4.7 | ng/ul | 557320 | 5 | 21.09 | 2386250 | 20.0 |
| (DEL) Alkane: Str... | 22.14 | 6.8 | ng/ul | 807238 | 5 | 21.09 | 2386250 | 20.0 |
| (DEL) Alkane: Str... | 22.62 | 7.8 | ng/ul | 916968 | 6 | 23.22 | 2357540 | 20.0 |
| (DEL) Alkane: Str... | 23.16 | 8.5 | ng/ul | 1005830 | 6 | 23.22 | 2357540 | 20.0 |
| (DEL) Alkane: Str... | 23.76 | 6.6 | ng/ul | 778672 | 6 | 23.22 | 2357540 | 20.0 |
| (DEL) Alkane: Str... | 24.44 | 4.7 | ng/ul | 556923 | 6 | 23.22 | 2357540 | 20.0 |