LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

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_P\Methods\SFAM-EPA-BP010824.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP019311.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.640 | 90 | 94 | 108 | rBV | 258985 | 400495 | 0.65% | 0.108% |
| 2 | 6.969 | 654 | 660 | 672 | rVB | 619484 | 1008774 | 1.64% | 0.271% |
| 3 | 7.122 | 680 | 686 | 697 | rBV | 490033 | 746861 | 1.21% | 0.201% |
| 4 | 7.316 | 711 | 719 | 729 | rBV | 615231 | 963912 | 1.57% | 0.259% |
| 5 | 7.781 | 788 | 798 | 805 | rBV | 701997 | 1084537 | 1.76% | 0.291% |
| 6 | 7.852 | 805 | 810 | 826 | rVB | 123690 | 213935 | 0.35% | 0.057% |
| 7 | 8.511 | 915 | 922 | 932 | rBV | 721130 | 1163895 | 1.89% | 0.312% |
| 8 | 8.946 | 989 | 996 | 1003 | rBV | 582403 | 976767 | 1.59% | 0.262% |
| 9 | 9.669 | 1111 | 1119 | 1129 | rBV | 528029 | 895722 | 1.46% | 0.240% |
| 10 | 10.210 | 1204 | 1211 | 1219 | rBV | 821440 | 1374438 | 2.24% | 0.369% |
| 11 | 10.575 | 1262 | 1273 | 1283 | rBV | 910634 | 1718135 | 2.79% | 0.461% |
| 12 | 10.693 | 1288 | 1293 | 1295 | rVV2 | 72891 | 126543 | 0.21% | 0.034% |
| 13 | 10.728 | 1295 | 1299 | 1307 | rVV | 445914 | 785369 | 1.28% | 0.211% |
| 14 | 10.799 | 1307 | 1311 | 1317 | rVV3 | 44949 | 83755 | 0.14% | 0.022% |
| 15 | 11.087 | 1356 | 1360 | 1366 | rVB | 183541 | 268589 | 0.44% | 0.072% |
| 16 | 11.404 | 1408 | 1414 | 1420 | rBV6 | 45623 | 116736 | 0.19% | 0.031% |
| 17 | 11.487 | 1424 | 1428 | 1436 | rVB3 | 75515 | 146631 | 0.24% | 0.039% |
| 18 | 11.599 | 1441 | 1447 | 1450 | rBV2 | 162422 | 295122 | 0.48% | 0.079% |
| 19 | 11.840 | 1483 | 1488 | 1495 | rVB5 | 112045 | 199399 | 0.32% | 0.054% |
| 20 | 11.999 | 1505 | 1515 | 1519 | rBV3 | 324867 | 728768 | 1.19% | 0.196% |
| 21 | 12.199 | 1542 | 1549 | 1550 | rBV6 | 77703 | 136502 | 0.22% | 0.037% |
| 22 | 12.363 | 1573 | 1577 | 1580 | rBV4 | 77638 | 106517 | 0.17% | 0.029% |
| 23 | 12.463 | 1585 | 1594 | 1604 | rVV7 | 100271 | 364623 | 0.59% | 0.098% |
| 24 | 12.634 | 1617 | 1623 | 1624 | rBV5 | 111218 | 174695 | 0.28% | 0.047% |
| 25 | 12.663 | 1624 | 1628 | 1638 | rVV7 | 200796 | 505174 | 0.82% | 0.136% |
| 26 | 12.810 | 1649 | 1653 | 1657 | rBV2 | 146961 | 219561 | 0.36% | 0.059% |
| 27 | 12.899 | 1664 | 1668 | 1672 | rBV | 207396 | 309090 | 0.50% | 0.083% |
| 28 | 12.951 | 1673 | 1677 | 1684 | rVB2 | 556000 | 834355 | 1.36% | 0.224% |
| 29 | 13.075 | 1695 | 1698 | 1701 | rBV4 | 59777 | 95467 | 0.16% | 0.026% |
| 30 | 13.246 | 1719 | 1727 | 1734 | rBV | 1003195 | 1755676 | 2.86% | 0.471% |
| 31 | 13.334 | 1734 | 1742 | 1745 | rBV4 | 234153 | 498145 | 0.81% | 0.134% |
| 32 | 13.404 | 1751 | 1754 | 1759 | rVB3 | 247078 | 369572 | 0.60% | 0.099% |
| 33 | 13.457 | 1759 | 1763 | 1764 | rBV2 | 121337 | 164711 | 0.27% | 0.044% |
| 34 | 13.481 | 1764 | 1767 | 1770 | rVB2 | 202537 | 243782 | 0.40% | 0.065% |
| 35 | 13.593 | 1778 | 1786 | 1792 | rBV2 | 510530 | 1431423 | 2.33% | 0.384% |
| 36 | 13.746 | 1807 | 1812 | 1816 | rBV | 964690 | 1744659 | 2.84% | 0.468% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

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_P\Methods\SFAM-EPA-BP010824.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 13.846 | 1825 | 1829 | 1833 | rVB | 1224816 | 1492341 | 2.43% | 0.401% |
| 38 | 13.904 | 1833 | 1839 | 1843 | rVB | 1202809 | 1740790 | 2.83% | 0.467% |
| 39 | 13.946 | 1843 | 1846 | 1850 | rBV2 | 541352 | 733001 | 1.19% | 0.197% |
| 40 | 14.022 | 1855 | 1859 | 1863 | rVB2 | 501976 | 734771 | 1.19% | 0.197% |
| 41 | 14.075 | 1864 | 1868 | 1871 | rBV4 | 158924 | 277185 | 0.45% | 0.074% |
| 42 | 14.116 | 1871 | 1875 | 1883 | rBV | 1671981 | 2734660 | 4.45% | 0.734% |
| 43 | 14.328 | 1905 | 1911 | 1918 | rBV | 7442292 | 11311108 | 18.40% | 3.037% |
| 44 | 14.393 | 1919 | 1922 | 1924 | rVV4 | 513163 | 776794 | 1.26% | 0.209% |
| 45 | 14.428 | 1924 | 1928 | 1933 | rVB | 1620059 | 2484462 | 4.04% | 0.667% |
| 46 | 14.557 | 1947 | 1950 | 1953 | rBV2 | 328215 | 382590 | 0.62% | 0.103% |
| 47 | 14.663 | 1960 | 1968 | 1973 | rVB4 | 1608141 | 3720074 | 6.05% | 0.999% |
| 48 | 14.722 | 1974 | 1978 | 1981 | rBV2 | 406872 | 710294 | 1.16% | 0.191% |
| 49 | 14.769 | 1982 | 1986 | 1988 | rVV3 | 772783 | 1268842 | 2.06% | 0.341% |
| 50 | 14.828 | 1992 | 1996 | 2001 | rVV | 2458038 | 3810600 | 6.20% | 1.023% |
| 51 | 14.904 | 2003 | 2009 | 2013 | rVV2 | 1604311 | 2986829 | 4.86% | 0.802% |
| 52 | 14.945 | 2013 | 2016 | 2021 | rVV2 | 1817233 | 2607724 | 4.24% | 0.700% |
| 53 | 15.016 | 2025 | 2028 | 2030 | rVV | 730480 | 899969 | 1.46% | 0.242% |
| 54 | 15.063 | 2030 | 2036 | 2040 | rVV3 | 3174283 | 5893194 | 9.58% | 1.582% |
| 55 | 15.104 | 2040 | 2043 | 2046 | rVB | 985878 | 1110400 | 1.81% | 0.298% |
| 56 | 15.287 | 2065 | 2074 | 2078 | rVB | 6867037 | 11424691 | 18.58% | 3.067% |
| 57 | 15.345 | 2078 | 2084 | 2087 | rBV3 | 887109 | 1684549 | 2.74% | 0.452% |
| 58 | 15.381 | 2087 | 2090 | 2093 | rVV4 | 721527 | 1116637 | 1.82% | 0.300% |
| 59 | 15.422 | 2094 | 2097 | 2101 | rVB | 1596972 | 2129149 | 3.46% | 0.572% |
| 60 | 15.540 | 2110 | 2117 | 2126 | rBV6 | 2429269 | 6857199 | 11.15% | 1.841% |
| 61 | 15.692 | 2133 | 2143 | 2147 | rBV2 | 5302247 | 10708146 | 17.41% | 2.875% |
| 62 | 15.781 | 2154 | 2158 | 2164 | rVB3 | 2003676 | 3790520 | 6.16% | 1.018% |
| 63 | 15.840 | 2164 | 2168 | 2174 | rBV3 | 1816965 | 3577276 | 5.82% | 0.960% |
| 64 | 15.904 | 2174 | 2179 | 2183 | rBV4 | 2061748 | 3173534 | 5.16% | 0.852% |
| 65 | 15.992 | 2191 | 2194 | 2197 | rBV3 | 789084 | 1239809 | 2.02% | 0.333% |
| 66 | 16.075 | 2206 | 2208 | 2210 | rBV3 | 537205 | 597238 | 0.97% | 0.160% |
| 67 | 16.157 | 2216 | 2222 | 2230 | rBV3 | 10119754 | 24185891 | 39.33% | 6.494% |
| 68 | 16.504 | 2277 | 2281 | 2284 | rBV3 | 1687470 | 2732252 | 4.44% | 0.734% |
| 69 | 16.622 | 2298 | 2301 | 2304 | rVB2 | 1322573 | 1428222 | 2.32% | 0.383% |
| 70 | 16.663 | 2305 | 2308 | 2312 | rVB2 | 1712572 | 2004597 | 3.26% | 0.538% |
| 71 | 16.734 | 2317 | 2320 | 2323 | rVV2 | 1875724 | 2475015 | 4.03% | 0.665% |
| 72 | 16.763 | 2323 | 2325 | 2329 | rVB3 | 1221545 | 1498697 | 2.44% | 0.402% |
| 73 | 16.881 | 2335 | 2345 | 2346 | rBV | 25984920 | 61489990 | 100.00% | 16.509% |
| 74 | 16.957 | 2353 | 2358 | 2362 | rBV | 9210021 | 14085496 | 22.91% | 3.782% |
| 75 | 17.010 | 2362 | 2367 | 2377 | rVB2 | 8054191 | 16381101 | 26.64% | 4.398% |
| 76 | 17.204 | 2396 | 2400 | 2403 | rBV2 | 2011927 | 3020053 | 4.91% | 0.811% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** GCF81ME

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_P\Methods\SFAM-EPA-BP010824.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 17.245 | 2404 | 2407 | 2412 | rVV2 | 2492347 | 4357416 | 7.09% | 1.170% |
| 78 | 17.298 | 2413 | 2416 | 2420 | rVB2 | 2056609 | 2699023 | 4.39% | 0.725% |
| 79 | 17.381 | 2427 | 2430 | 2434 | rBV4 | 1381527 | 1707123 | 2.78% | 0.458% |
| 80 | 17.428 | 2435 | 2438 | 2444 | rVB4 | 2373033 | 3622269 | 5.89% | 0.973% |
| 81 | 17.492 | 2445 | 2449 | 2453 | rBV5 | 2570372 | 4307173 | 7.00% | 1.156% |
| 82 | 17.610 | 2466 | 2469 | 2476 | rBV3 | 2097554 | 3154084 | 5.13% | 0.847% |
| 83 | 17.704 | 2479 | 2485 | 2489 | rVB | 11097833 | 16951167 | 27.57% | 4.551% |
| 84 | 17.781 | 2495 | 2498 | 2502 | rBV2 | 2023213 | 2696505 | 4.39% | 0.724% |
| 85 | 18.075 | 2544 | 2548 | 2552 | rBV2 | 3566127 | 6504670 | 10.58% | 1.746% |
| 86 | 18.122 | 2553 | 2556 | 2560 | rVB2 | 4948143 | 6416637 | 10.44% | 1.723% |
| 87 | 18.375 | 2594 | 2599 | 2603 | rBV | 11640565 | 15813544 | 25.72% | 4.246% |
| 88 | 18.457 | 2610 | 2613 | 2621 | rVB5 | 2400119 | 4346777 | 7.07% | 1.167% |
| 89 | 18.604 | 2636 | 2638 | 2648 | rVB5 | 2531398 | 4902679 | 7.97% | 1.316% |
| 90 | 18.763 | 2662 | 2665 | 2668 | rBV3 | 1938641 | 2353378 | 3.83% | 0.632% |
| 91 | 18.981 | 2695 | 2702 | 2706 | rBV2 | 8955499 | 15424188 | 25.08% | 4.141% |
| 92 | 19.539 | 2793 | 2797 | 2801 | rBV | 8822875 | 10628793 | 17.29% | 2.854% |
| 93 | 20.057 | 2881 | 2885 | 2889 | rVB | 5013554 | 5754674 | 9.36% | 1.545% |
| 94 | 20.539 | 2964 | 2967 | 2976 | rVB | 3259774 | 4177960 | 6.79% | 1.122% |
| 95 | 20.992 | 3041 | 3044 | 3057 | rVB | 1857042 | 2803352 | 4.56% | 0.753% |
| 96 | 21.198 | 3075 | 3079 | 3084 | rVB | 1344202 | 1669727 | 2.72% | 0.448% |
| 97 | 21.292 | 3091 | 3095 | 3111 | rVB | 1751582 | 2792592 | 4.54% | 0.750% |
| 98 | 21.427 | 3115 | 3118 | 3122 | rVB2 | 807781 | 983317 | 1.60% | 0.264% |
| 99 | 23.486 | 3463 | 3468 | 3479 | rVB2 | 1394567 | 2813293 | 4.58% | 0.755% |
| 100 | 23.639 | 3489 | 3494 | 3503 | rVB | 1050133 | 2045313 | 3.33% | 0.549% |

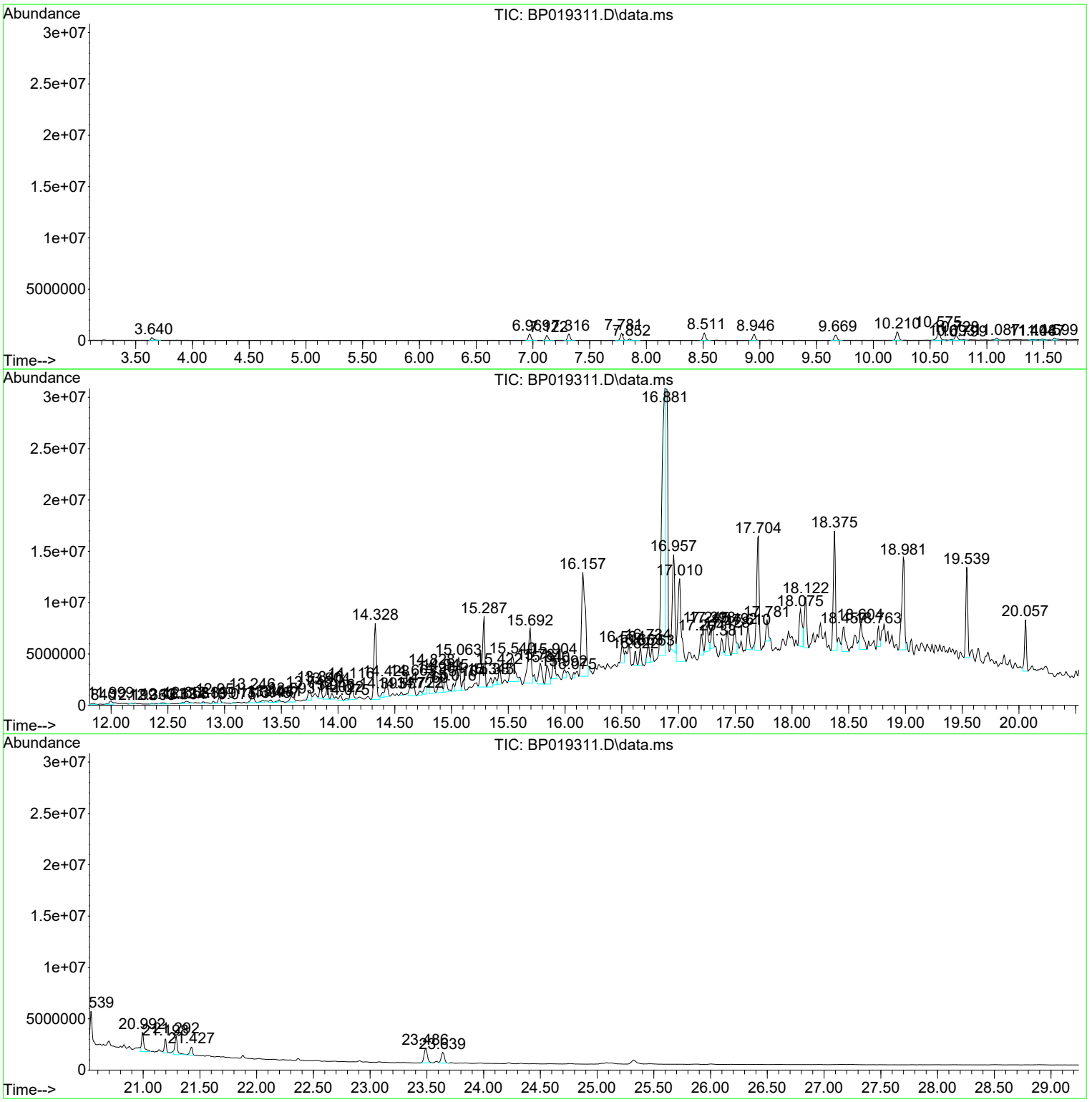
Sum of corrected areas: 372453679

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

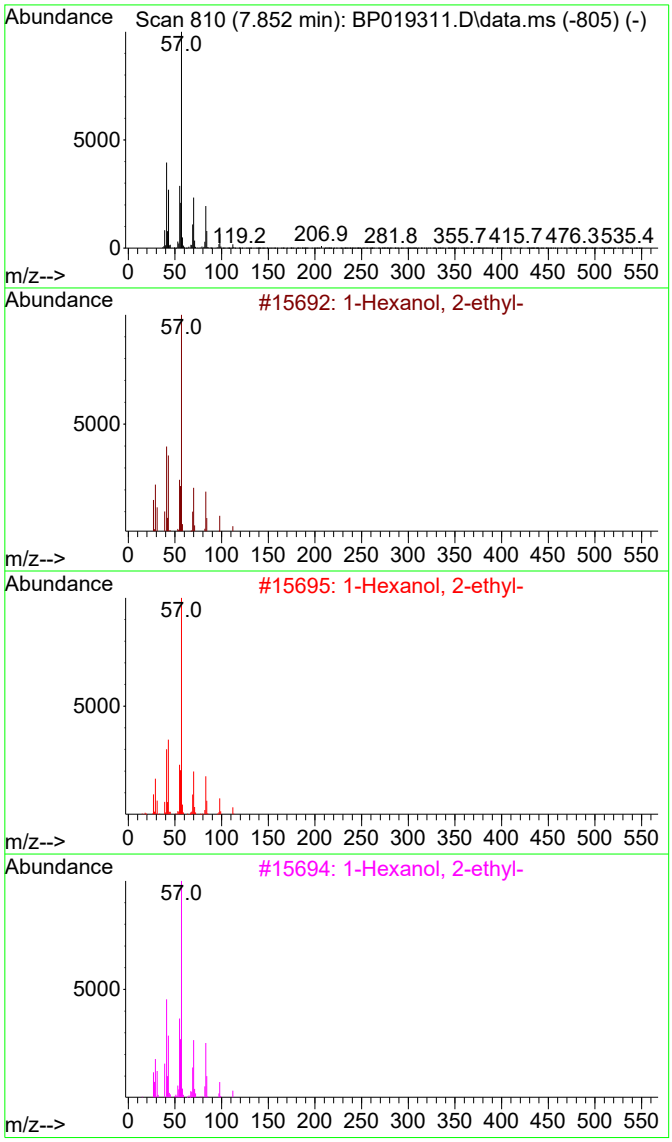
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

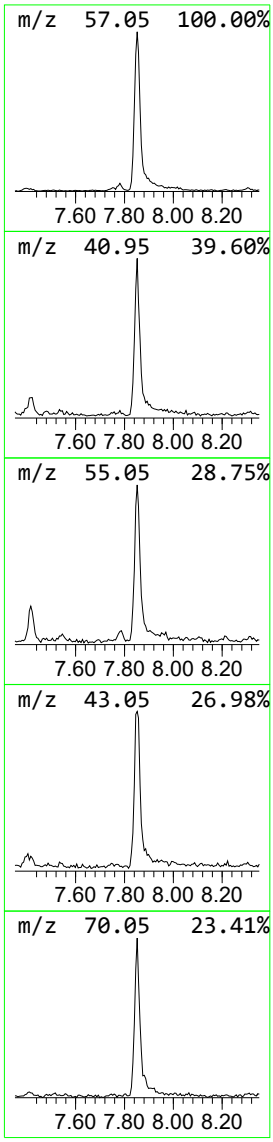
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 52

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.852 | 3.95 ng/ul | 213935 | 1,4-Dichlorobenzene-d4 | 7.781 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Hexanol, 2-ethyl- | 130 | C8H18O | 000104-76-7 | 83 |
| 2 | 1-Hexanol, 2-ethyl- | 130 | C8H18O | 000104-76-7 | 78 |
| 3 | 1-Hexanol, 2-ethyl- | 130 | C8H18O | 000104-76-7 | 64 |
| 4 | 1-Hexanol, 2-ethyl- | 130 | C8H18O | 000104-76-7 | 64 |
| 5 | Heptane, 1,1'-oxybis- | 214 | C14H30O | 000629-64-1 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

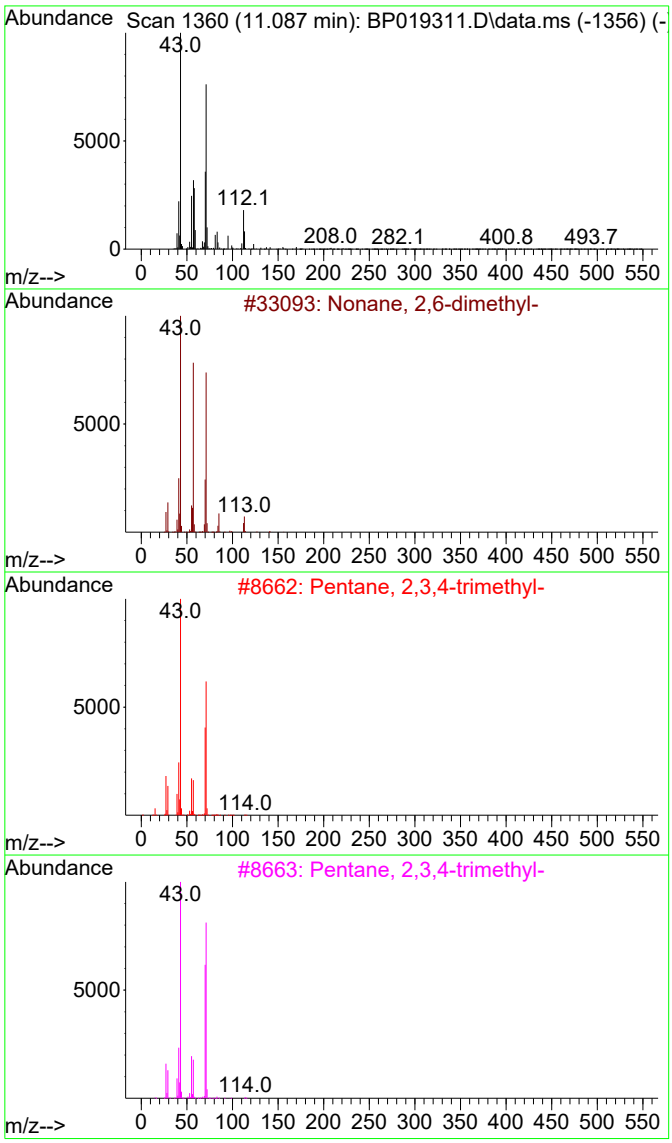
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

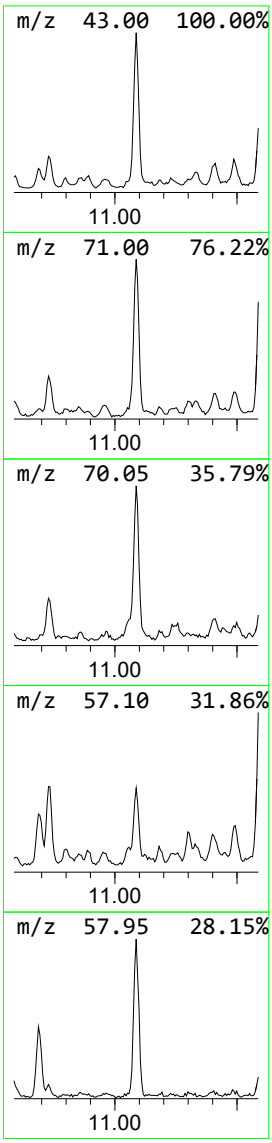
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 54

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.087 | 3.13 ng/ul | 268589 | Naphthalene-d8 | 10.575 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonane, 2,6-dimethyl- | 156 | C11H24 | 017302-28-2 | 59 |
| 2 | Pentane, 2,3,4-trimethyl- | 114 | C8H18 | 000565-75-3 | 53 |
| 3 | Pentane, 2,3,4-trimethyl- | 114 | C8H18 | 000565-75-3 | 47 |
| 4 | 1-Butanol, 2,2-dimethyl- | 102 | C6H14O | 001185-33-7 | 45 |
| 5 | 4-Methyl-3-heptanol, chlorodiflu... | 242 | C10H17ClF2O2 | 1000447-27-4 | 45 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

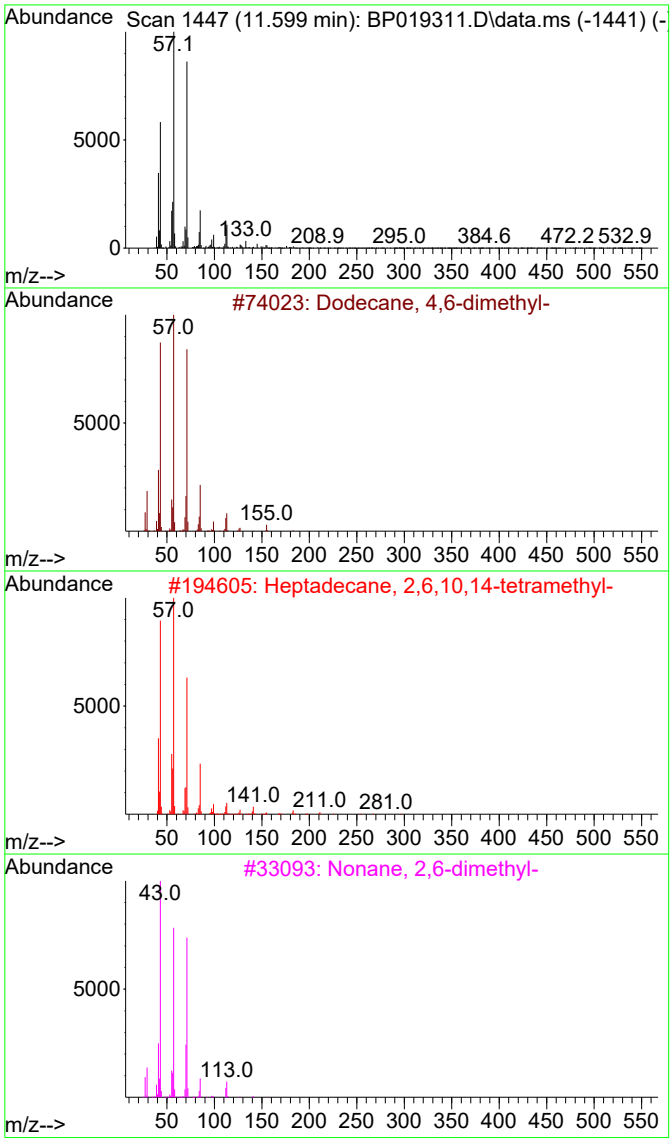
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

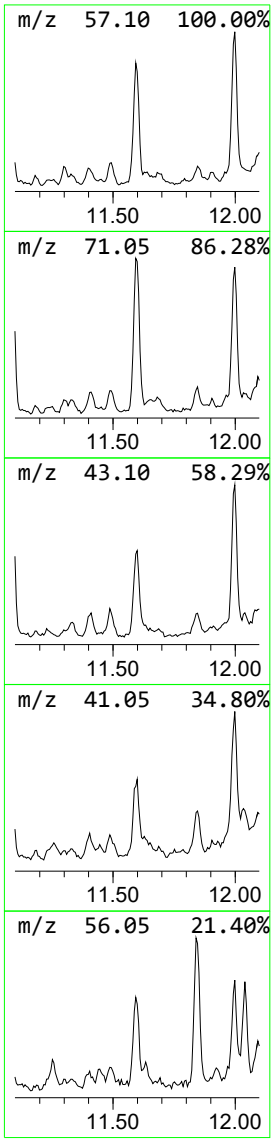
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 53

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.599 | 3.44 ng/ul | 295122 | Naphthalene-d8 | 10.575 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane, 4,6-dimethyl- | 198 | C14H30 | 061141-72-8 | 87 |
| 2 | Heptadecane, 2,6,10,14-tetramethyl- | 296 | C21H44 | 018344-37-1 | 87 |
| 3 | Nonane, 2,6-dimethyl- | 156 | C11H24 | 017302-28-2 | 80 |
| 4 | Heptane, 3-ethyl-5-methyl- | 142 | C10H22 | 052896-90-9 | 80 |
| 5 | Nonane, 4-methyl-5-propyl- | 184 | C13H28 | 062185-55-1 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

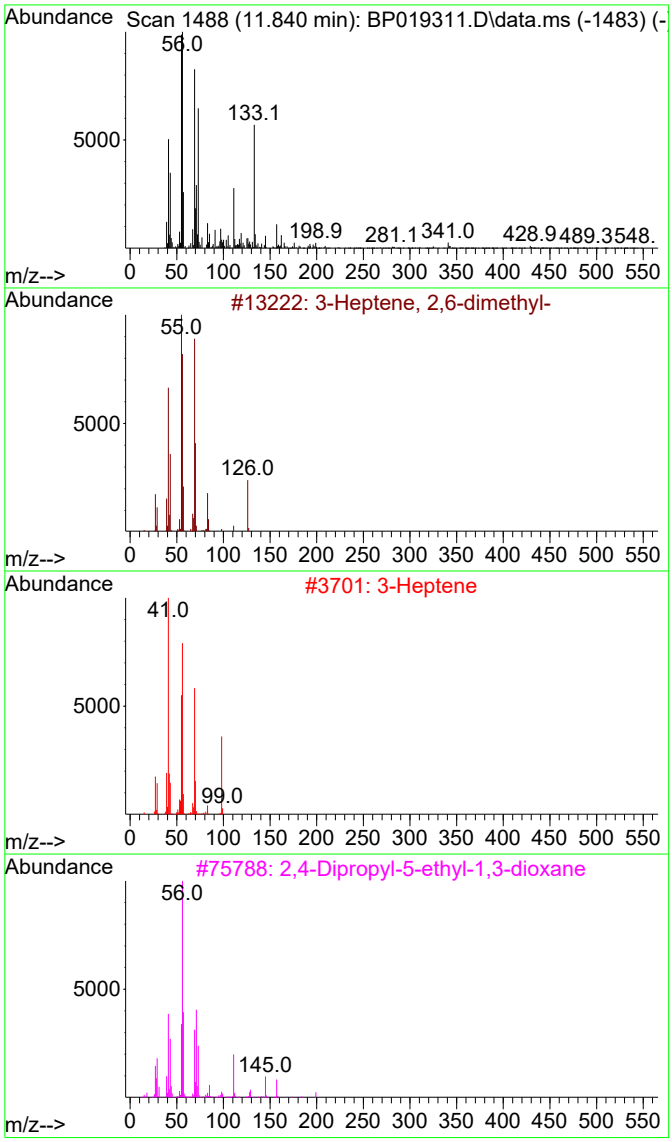
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

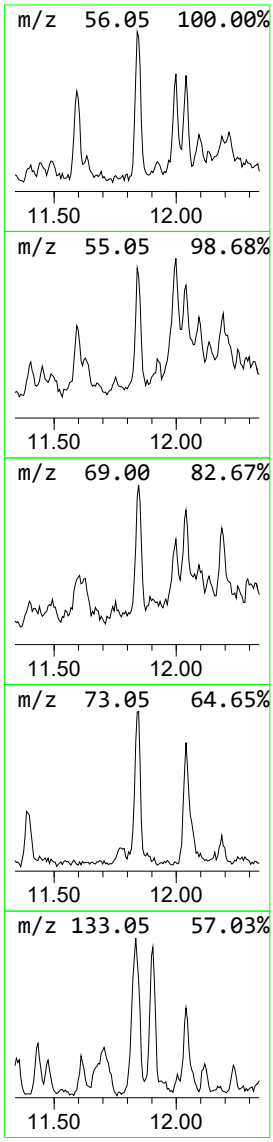
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 58

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.840 | 2.32 ng/ul | 199399 | Naphthalene-d8 | 10.575 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Heptene, 2,6-dimethyl- | 126 | C9H18 | 002738-18-3 | 50 |
| 2 | 3-Heptene | 98 | C7H14 | 000592-78-9 | 38 |
| 3 | 2,4-Dipropyl-5-ethyl-1,3-dioxane | 200 | C12H24O2 | 006413-83-8 | 35 |
| 4 | 1H-1,2,4-Triazole-3-carboxaldehy... | 111 | C4H5N3O | 056804-98-9 | 27 |
| 5 | Oct-3-enoic acid, oct-3-en-2-yl ... | 252 | C16H28O2 | 1010406-95-0 | 27 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

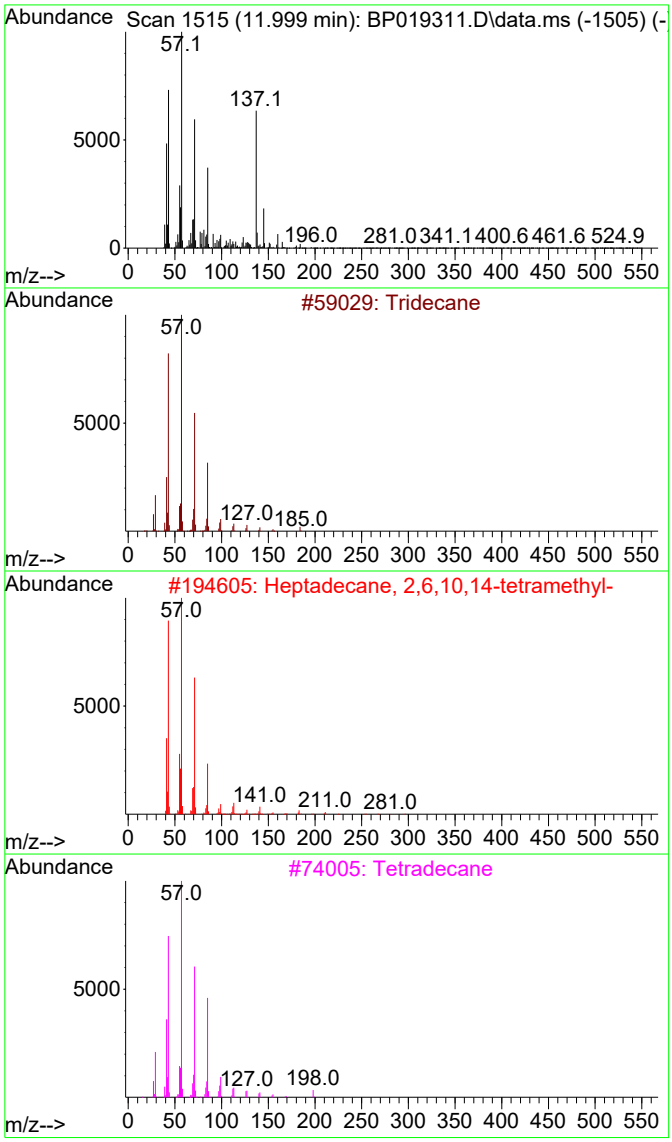
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

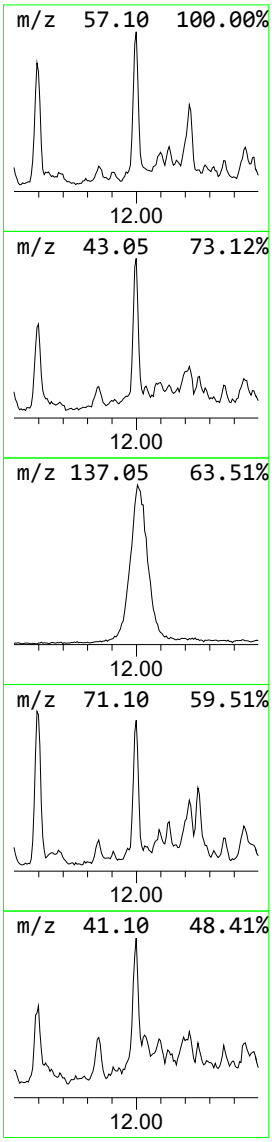
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 40

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.999 | 8.48 ng/ul | 728768 | Naphthalene-d8 | 10.575 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 70 |
| 2 | Heptadecane, 2,6,10,14-tetramethyl- | 296 | C21H44 | 018344-37-1 | 64 |
| 3 | Tetradecane | 198 | C14H30 | 000629-59-4 | 64 |
| 4 | Tetradecane | 198 | C14H30 | 000629-59-4 | 64 |
| 5 | Tridecane | 184 | C13H28 | 000629-50-5 | 55 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

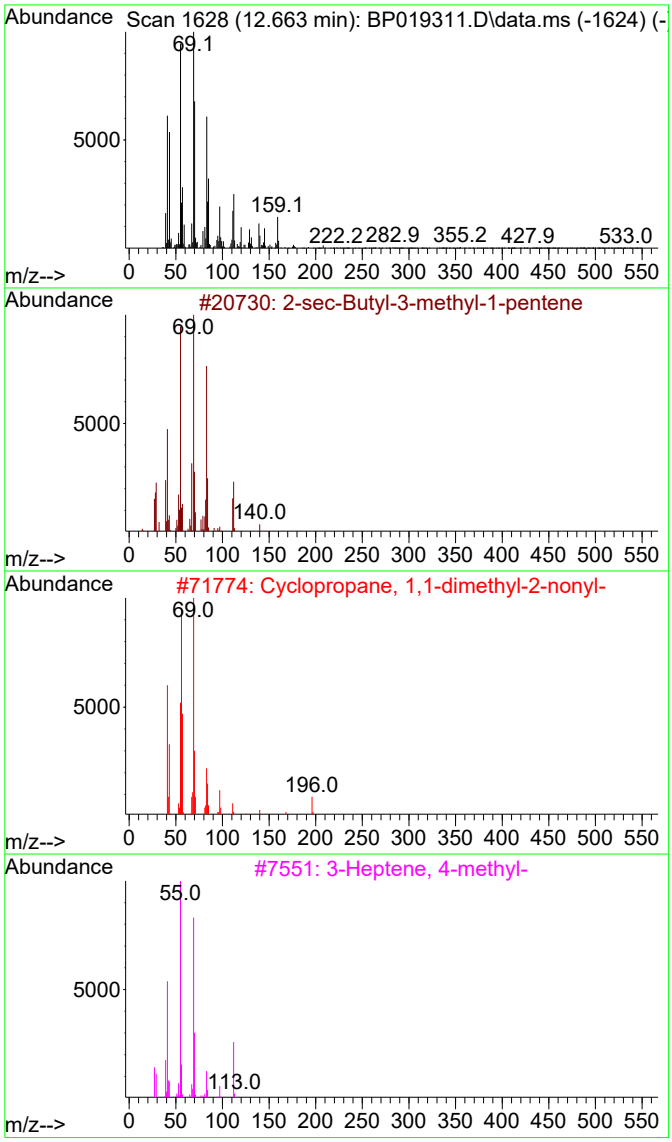
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

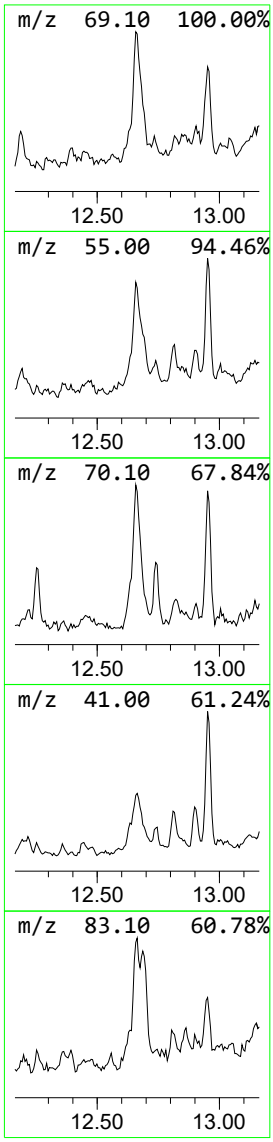
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 49

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.663 | 4.07 ng/ul | 505174 | Acenaphthene-d10 | 14.428 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-sec-Butyl-3-methyl-1-pentene | 140 | C10H20 | 075144-24-0 | 52 |
| 2 | Cyclopropane, 1,1-dimethyl-2-nonyl- | 196 | C14H28 | 041977-38-2 | 47 |
| 3 | 3-Heptene, 4-methyl- | 112 | C8H16 | 004485-16-9 | 43 |
| 4 | 3-Heptene, 2-methyl- | 112 | C8H16 | 017618-76-7 | 38 |
| 5 | 3-Ethyl-3-octene | 140 | C10H20 | 019781-31-8 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

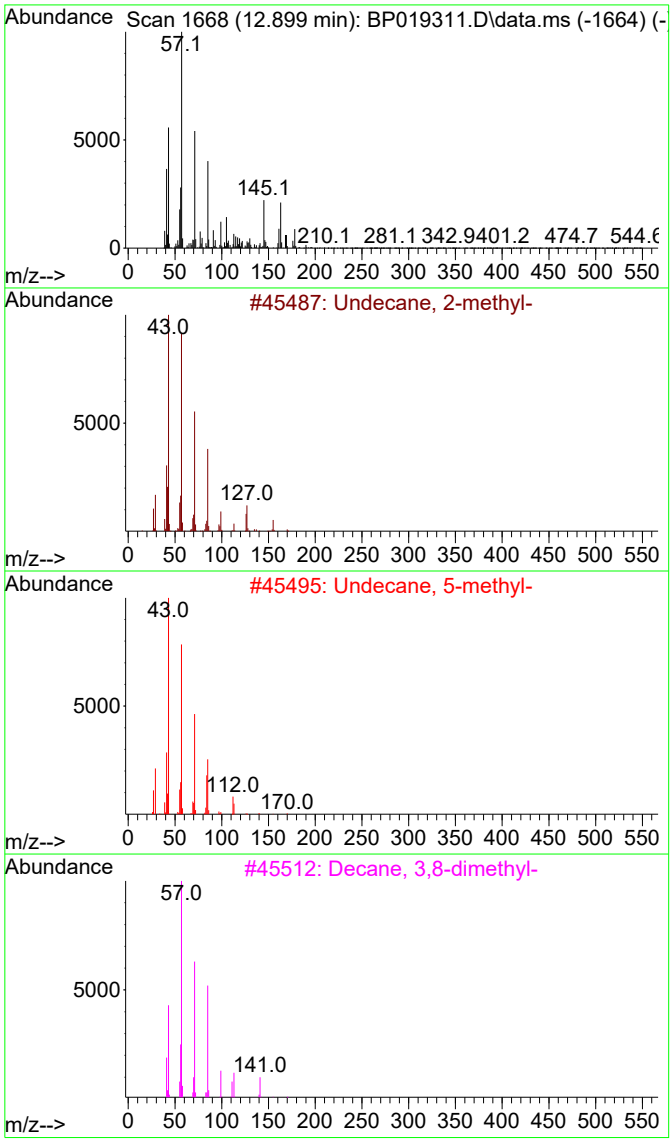
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

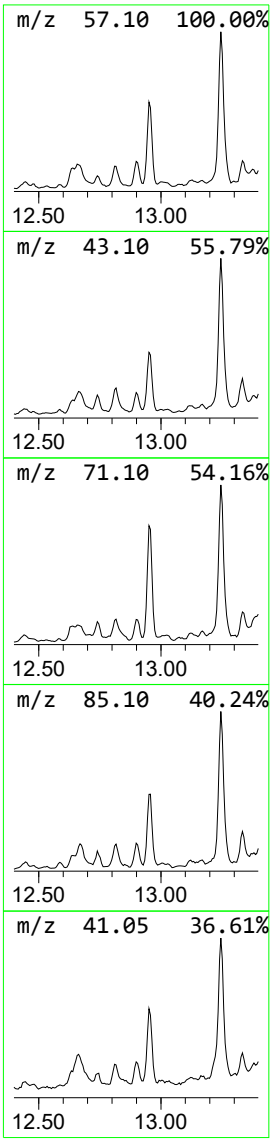
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 57

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.899 | 2.49 ng/ul | 309090 | Acenaphthene-d10 | 14.428 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Undecane, 2-methyl- | 170 | C12H26 | 007045-71-8 | 50 |
| 2 | Undecane, 5-methyl- | 170 | C12H26 | 001632-70-8 | 49 |
| 3 | Decane, 3,8-dimethyl- | 170 | C12H26 | 017312-55-9 | 49 |
| 4 | Tridecane, 1-iodo- | 310 | C13H27I | 035599-77-0 | 47 |
| 5 | Dodecane, 1-iodo- | 296 | C12H25I | 004292-19-7 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

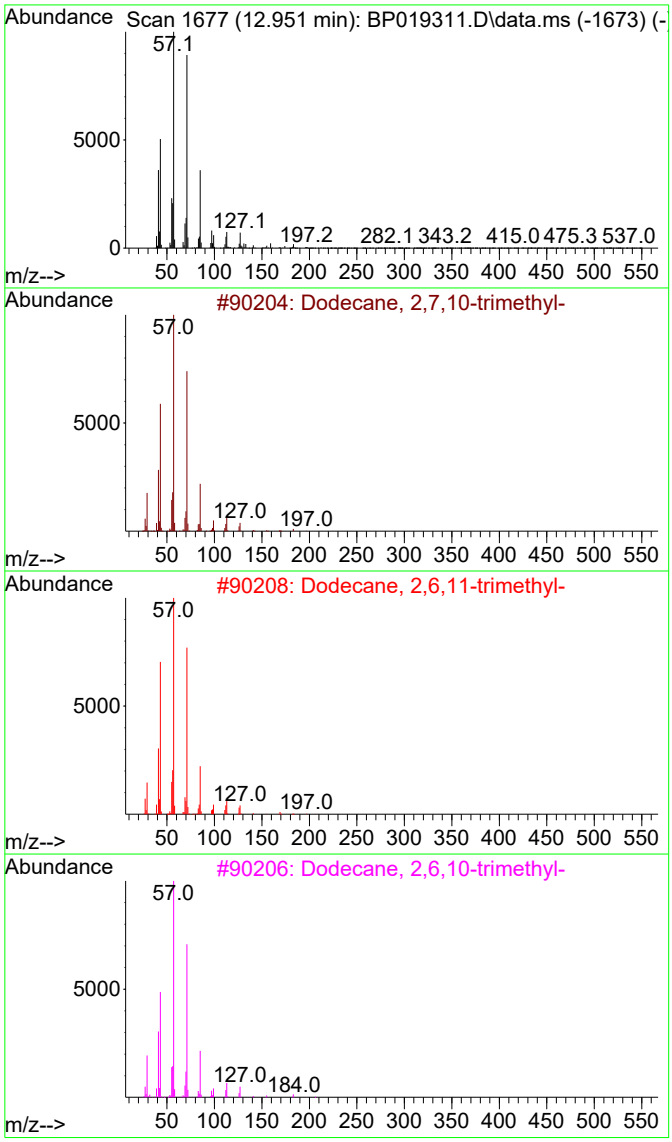
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

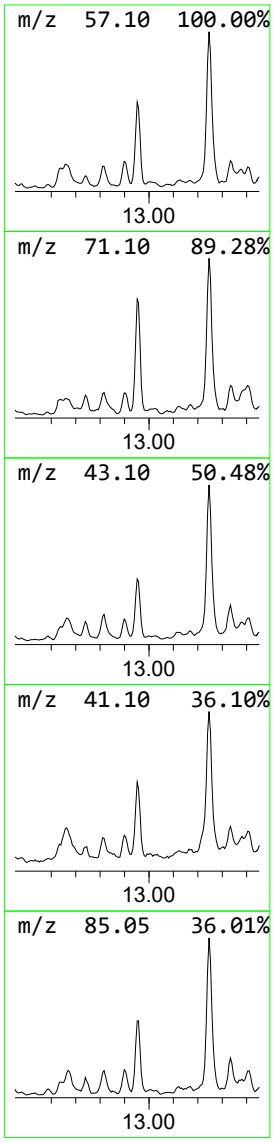
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 44

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.951 | 6.72 ng/ul | 834355 | Acenaphthene-d10 | 14.428 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane, 2,7,10-trimethyl- | 212 | C15H32 | 074645-98-0 | 91 |
| 2 | Dodecane, 2,6,11-trimethyl- | 212 | C15H32 | 031295-56-4 | 90 |
| 3 | Dodecane, 2,6,10-trimethyl- | 212 | C15H32 | 003891-98-3 | 90 |
| 4 | Tridecane, 5-propyl- | 226 | C16H34 | 055045-11-9 | 72 |
| 5 | Heptadecane | 240 | C17H36 | 000629-78-7 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

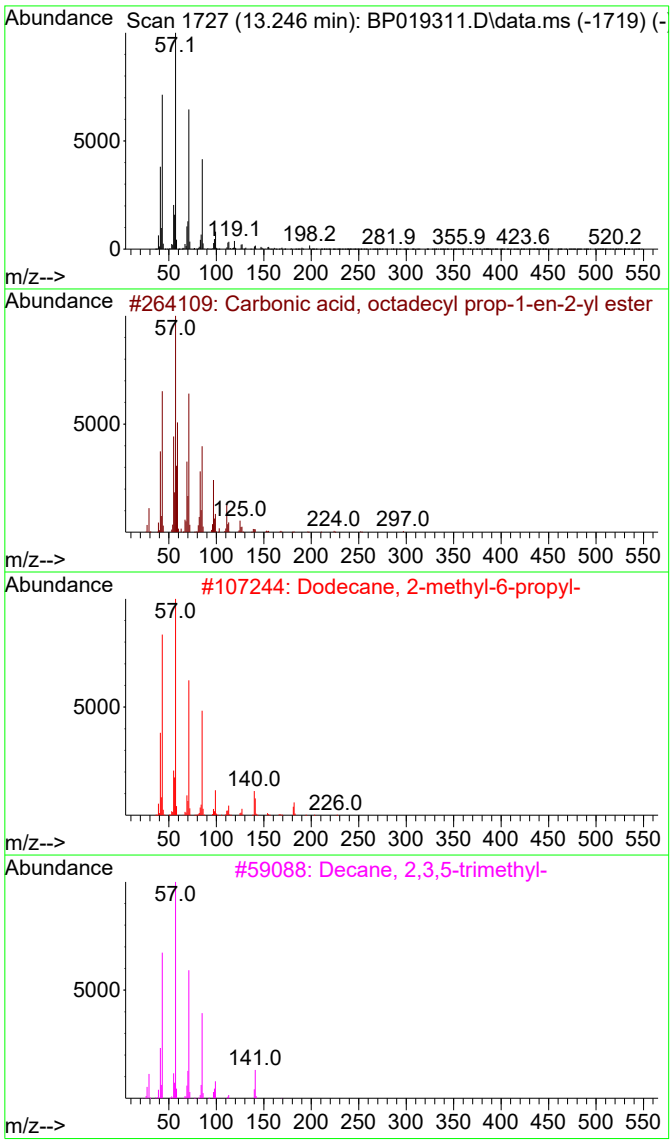
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

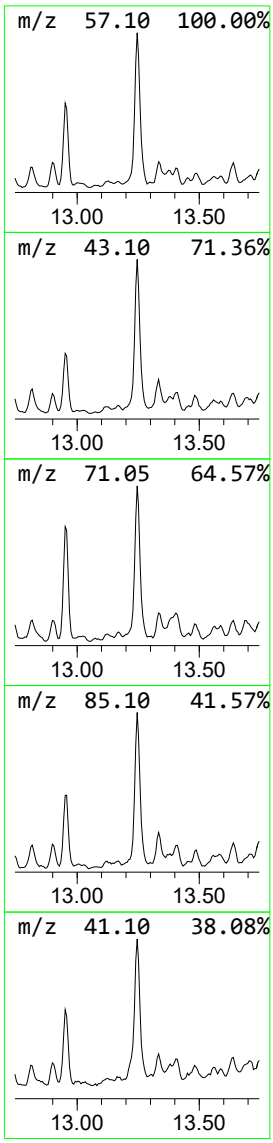
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Carbonic acid, octadecyl pr... Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.246 | 14.13 ng/ul | 1755680 | Acenaphthene-d10 | 14.428 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Carbonic acid, octadecyl prop-1-... | 354 | C22H42O3 | 1000383-11-5 | 86 |
| 2 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 80 |
| 3 | Decane, 2,3,5-trimethyl- | 184 | C13H28 | 062238-11-3 | 78 |
| 4 | Nonane, 3,7-dimethyl- | 156 | C11H24 | 017302-32-8 | 74 |
| 5 | Hexadecane | 226 | C16H34 | 000544-76-3 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

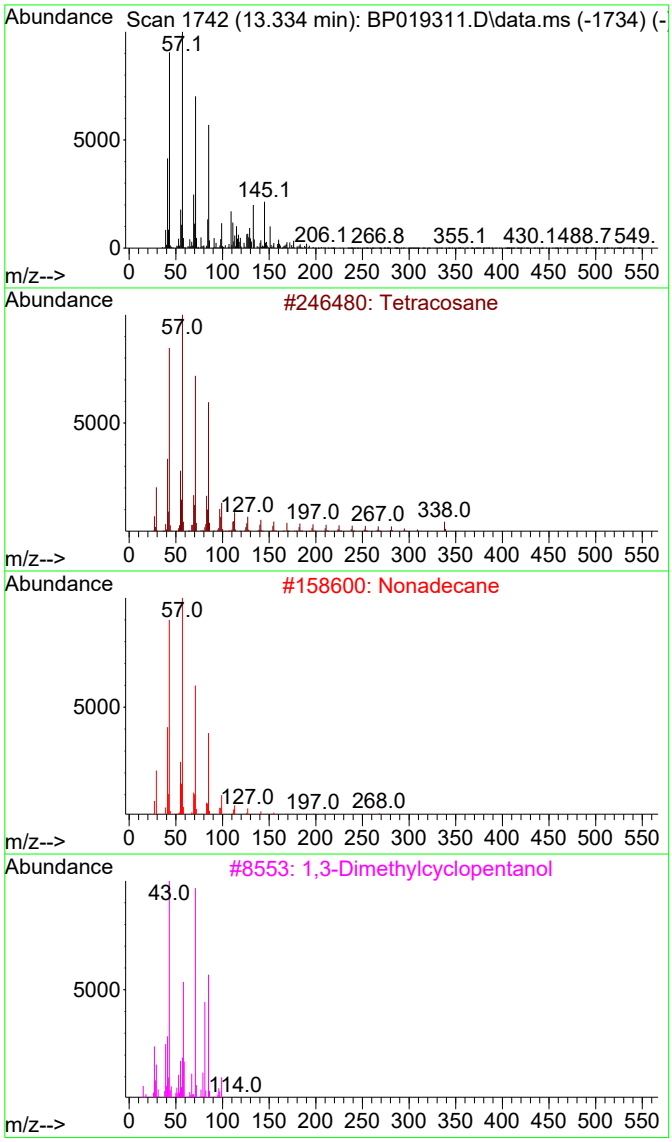
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

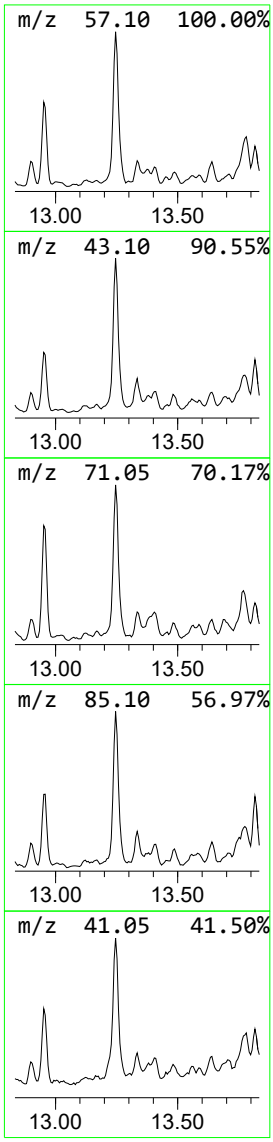
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 50

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.334 | 4.01 ng/ul | 498145 | Acenaphthene-d10 | 14.428 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetracosane | 338 | C24H50 | 000646-31-1 | 46 |
| 2 | Nonadecane | 268 | C19H40 | 000629-92-5 | 43 |
| 3 | 1,3-Dimethylcyclopentanol | 114 | C7H14O | 019550-46-0 | 43 |
| 4 | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 43 |
| 5 | Decane, 2,4,6-trimethyl- | 184 | C13H28 | 062108-27-4 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

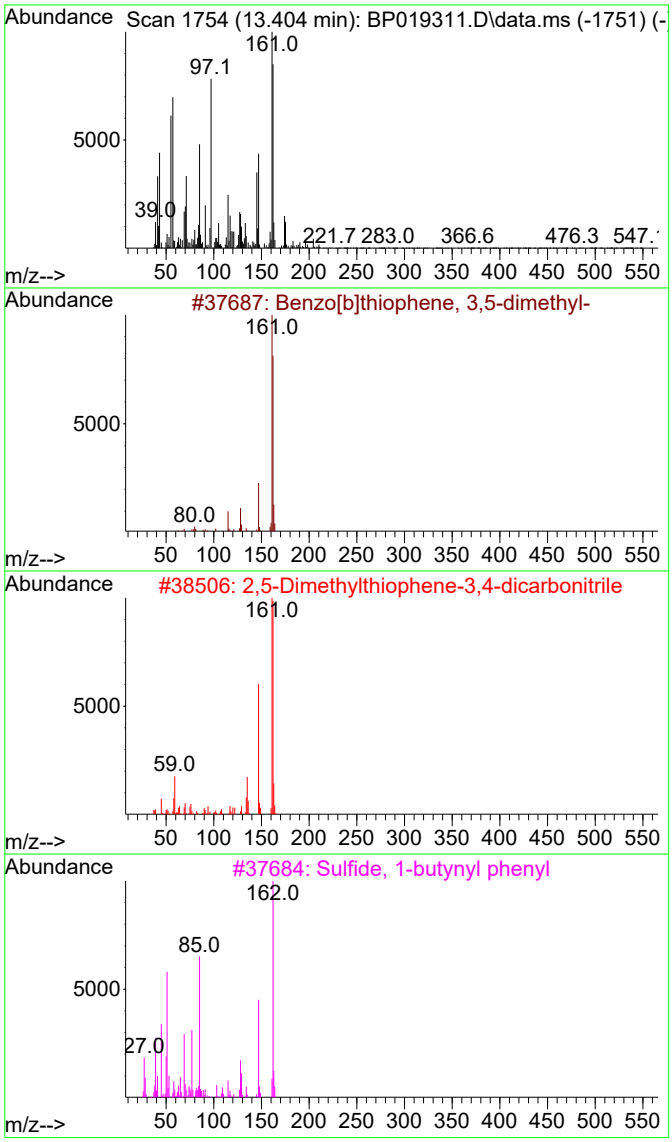
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

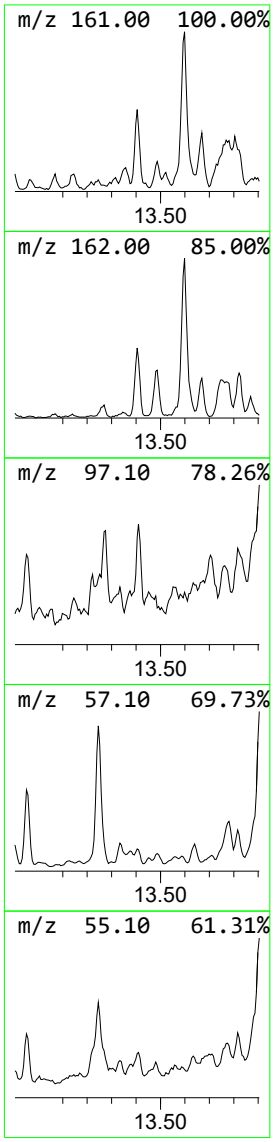
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 Benzo[b]thiophene, 3,5-dime... Concentration Rank 56

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.404 | 2.98 ng/ul | 369572 | Acenaphthene-d10 | 14.428 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[b]thiophene, 3,5-dimethyl- | 162 | C10H10S | 001964-45-0 | 55 |
| 2 | 2,5-Dimethylthiophene-3,4-dicarb... | 162 | C8H6N2S | 1000305-40-9 | 49 |
| 3 | Sulfide, 1-butynyl phenyl | 162 | C10H10S | 013610-05-4 | 46 |
| 4 | Benzo[b]thiophene, 2,5-dimethyl- | 162 | C10H10S | 016587-48-7 | 45 |
| 5 | 5H-1-Pyrindine, 6,7-dihydro-4-am... | 162 | C10H14N2 | 062732-46-1 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

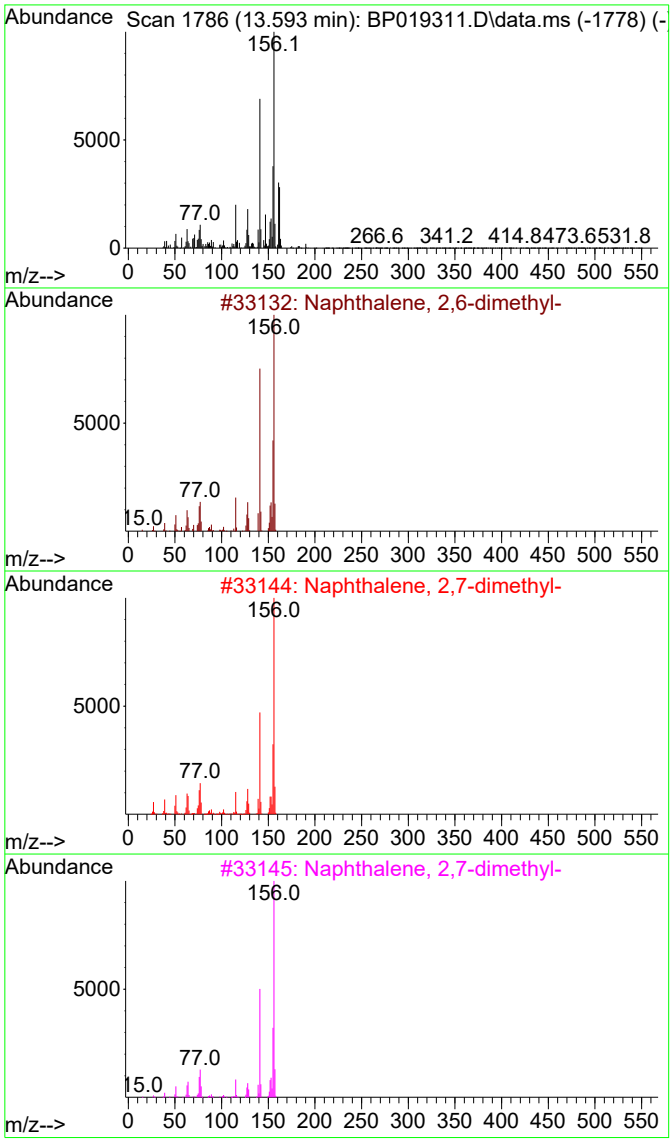
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

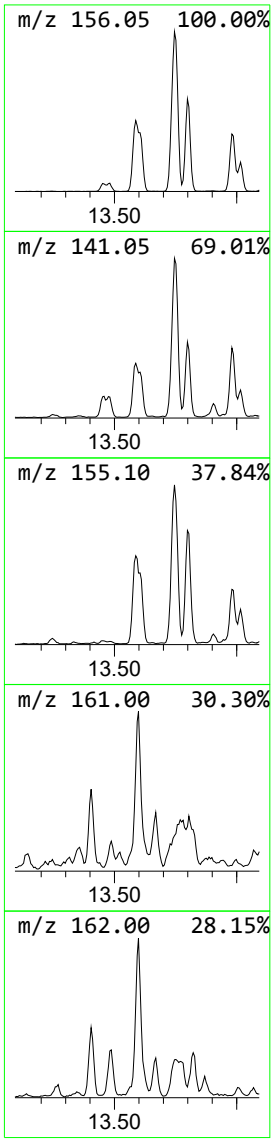
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Naphthalene, 2,6-dimethyl- Concentration Rank 35

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.593 | 11.52 ng/ul | 1431420 | Acenaphthene-d10 | 14.428 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 96 |
| 2 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 95 |
| 3 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 95 |
| 4 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 95 |
| 5 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

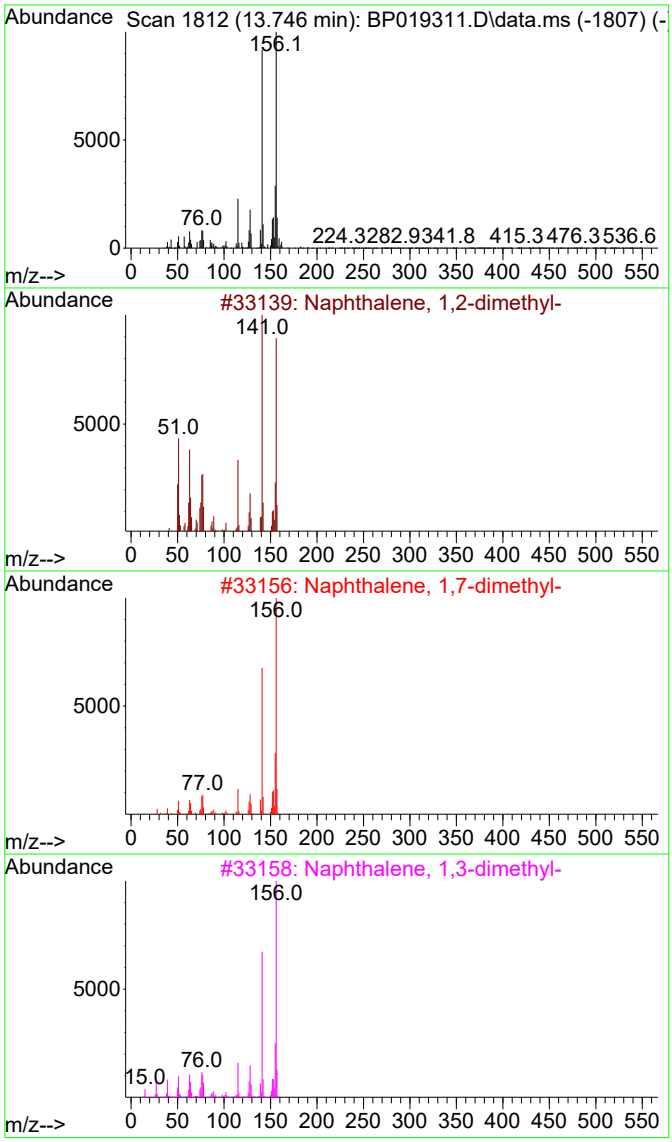
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

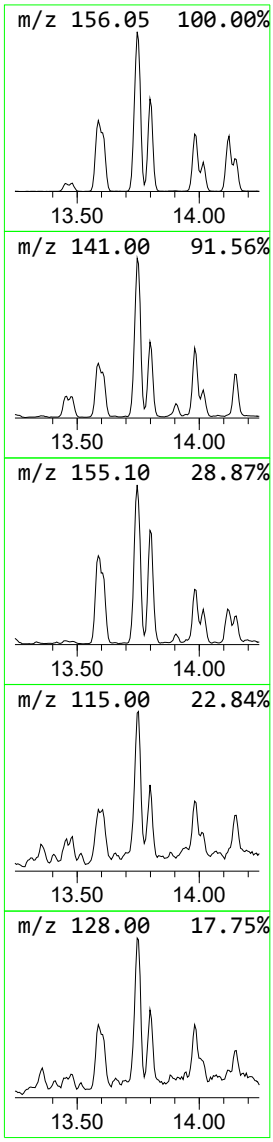
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Naphthalene, 1,2-dimethyl- Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.746 | 14.04 ng/ul | 1744660 | Acenaphthene-d10 | 14.428 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2-dimethyl- | 156 | C12H12 | 000573-98-8 | 97 |
| 2 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 96 |
| 3 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 96 |
| 4 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 96 |
| 5 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

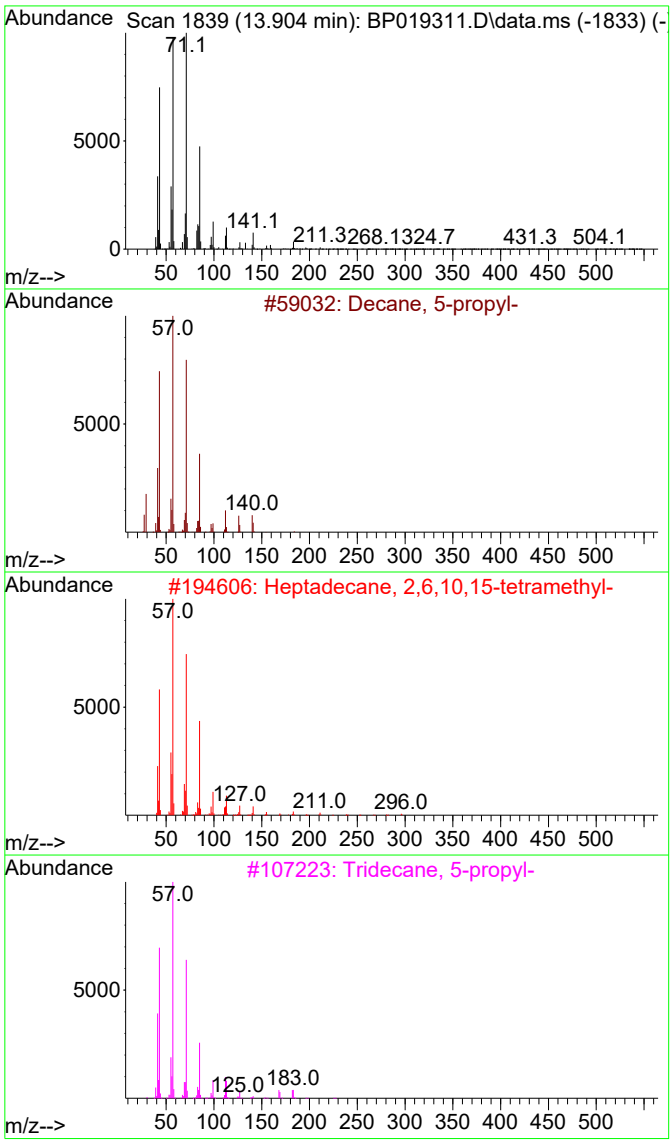
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

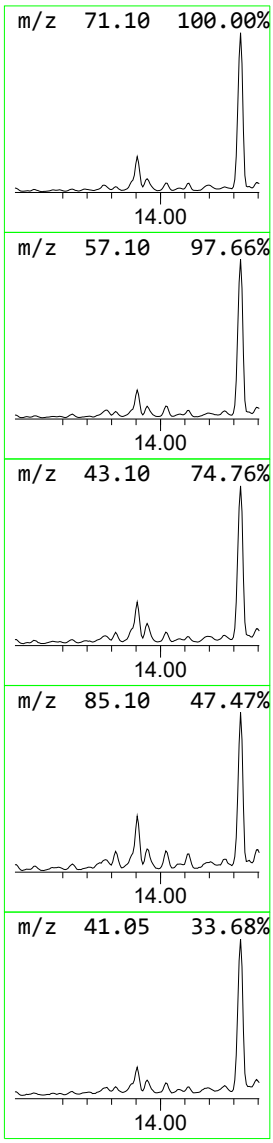
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 32

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.904 | 14.01 ng/ul | 1740790 | Acenaphthene-d10 | 14.428 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane, 5-propyl- | 184 | C13H28 | 017312-62-8 | 87 |
| 2 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 86 |
| 3 | Tridecane, 5-propyl- | 226 | C16H34 | 055045-11-9 | 74 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 72 |
| 5 | Sulfurous acid, nonyl 2-propyl e... | 250 | C12H26O3S | 1000309-12-0 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

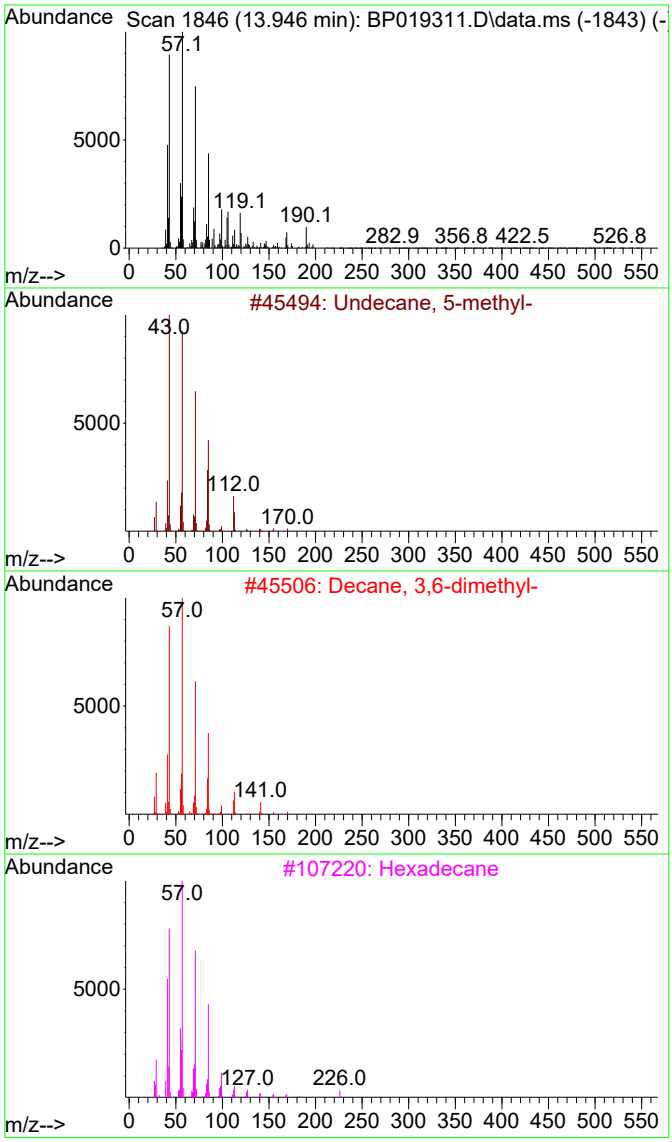
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

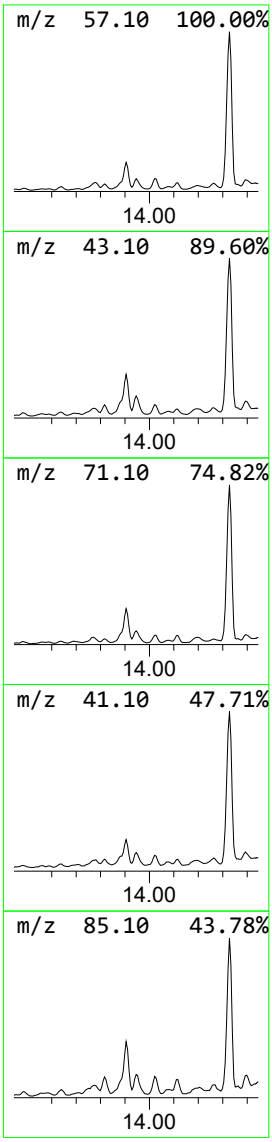
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 46

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.945 | 5.90 ng/ul | 733001 | Acenaphthene-d10 | 14.428 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Undecane, 5-methyl- | 170 | C12H26 | 001632-70-8 | 81 |
| 2 | Decane, 3,6-dimethyl- | 170 | C12H26 | 017312-53-7 | 74 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 72 |
| 4 | Pentadecane | 212 | C15H32 | 000629-62-9 | 72 |
| 5 | Decane, 3,8-dimethyl- | 170 | C12H26 | 017312-55-9 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

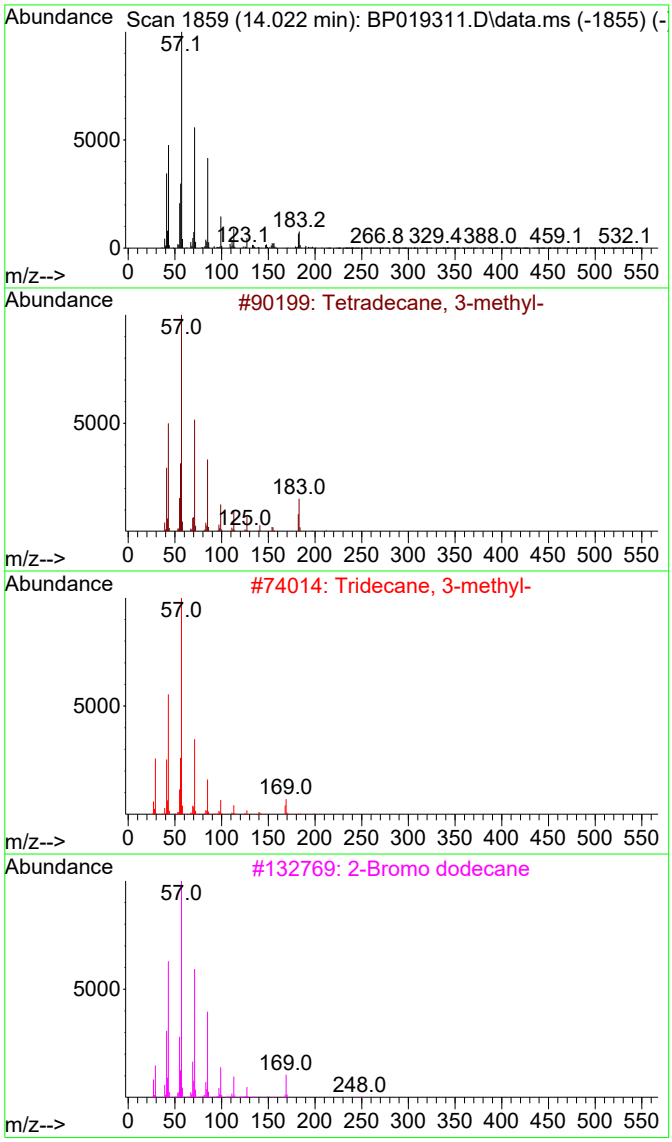
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

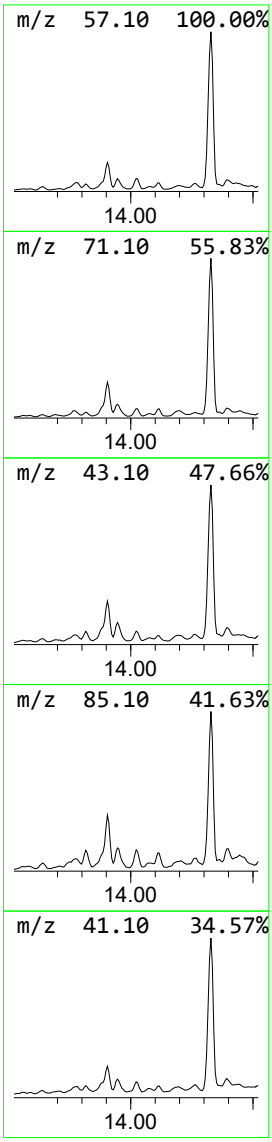
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 45

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.022 | 5.91 ng/ul | 734771 | Acenaphthene-d10 | 14.428 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecane, 3-methyl- | 212 | C15H32 | 018435-22-8 | 91 |
| 2 | Tridecane, 3-methyl- | 198 | C14H30 | 006418-41-3 | 78 |
| 3 | 2-Bromo dodecane | 248 | C12H25Br | 013187-99-0 | 72 |
| 4 | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 64 |
| 5 | 2-Bromotetradecane | 276 | C14H29Br | 074036-95-6 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

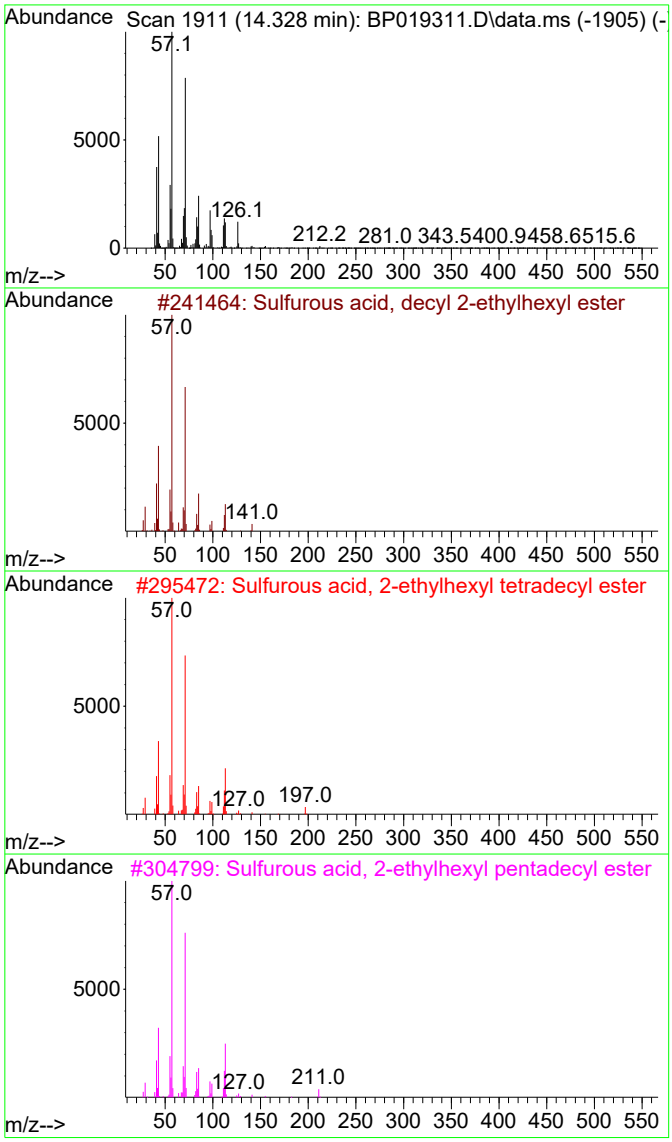
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

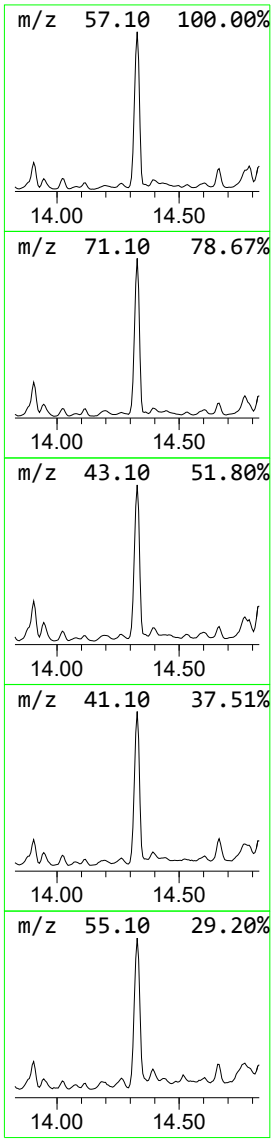
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 18 Sulfurous acid, decyl 2-eth... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.328 | 91.05 ng/ul | 11311100 | Acenaphthene-d10 | 14.428 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Sulfurous acid, decyl 2-ethylhex... | 334 | C18H38O3S | 1000309-19-3 | 72 |
| 2 | Sulfurous acid, 2-ethylhexyl tet... | 390 | C22H46O3S | 1000309-19-7 | 59 |
| 3 | Sulfurous acid, 2-ethylhexyl pen... | 404 | C23H48O3S | 1000309-19-8 | 59 |
| 4 | 1-Undecene, 4-methyl- | 168 | C12H24 | 074630-39-0 | 52 |
| 5 | Heptane, 3-ethyl-5-methyl- | 142 | C10H22 | 052896-90-9 | 52 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

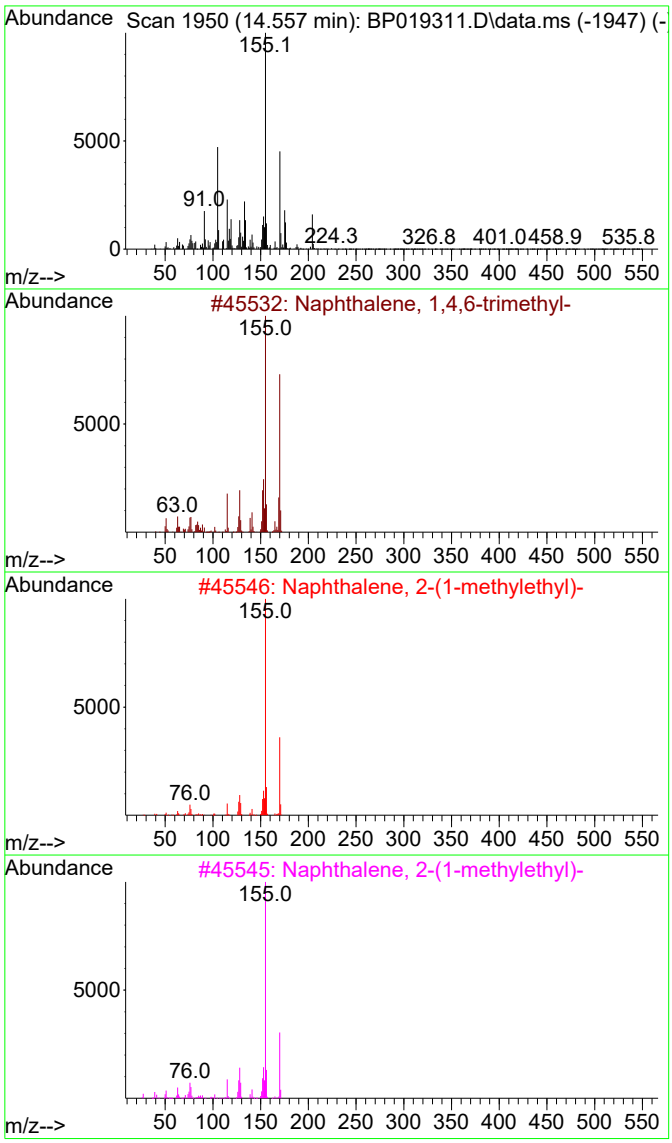
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

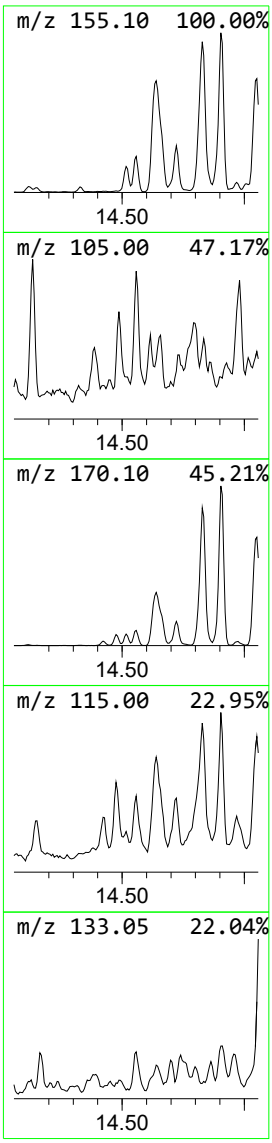
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 19 Naphthalene, 1,4,6-trimethyl- Concentration Rank 55

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.557 | 3.08 ng/ul | 382590 | Acenaphthene-d10 | 14.428 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 87 |
| 2 | Naphthalene, 2-(1-methylethyl)- | 170 | C13H14 | 002027-17-0 | 76 |
| 3 | Naphthalene, 2-(1-methylethyl)- | 170 | C13H14 | 002027-17-0 | 76 |
| 4 | Naphthalene, 1,4,5-trimethyl- | 170 | C13H14 | 002131-41-1 | 50 |
| 5 | Ethanone, 1-(1-Naphthalenyl)- | 170 | C12H10O | 000941-98-0 | 49 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

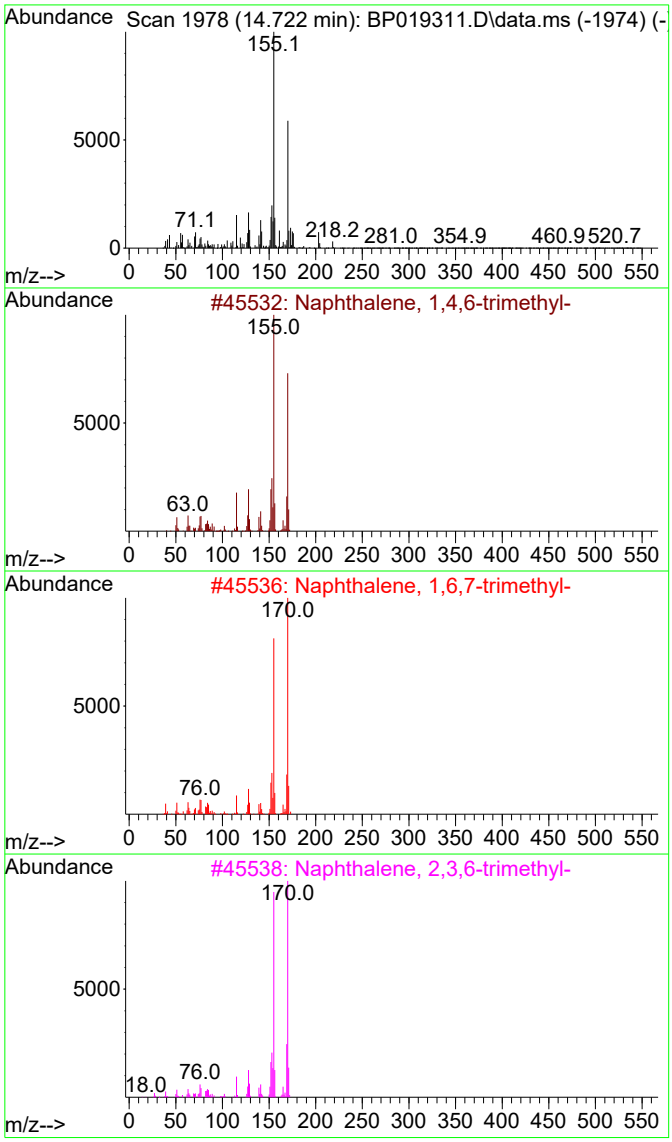
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

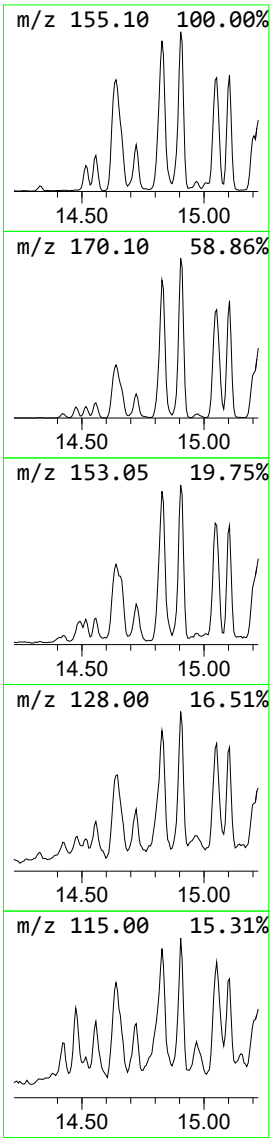
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 20 Naphthalene, 1,6,7-trimethyl- Concentration Rank 47

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.722 | 5.72 ng/ul | 710294 | Acenaphthene-d10 | 14.428 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 93 |
| 2 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 93 |
| 3 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 93 |
| 4 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 93 |
| 5 | Naphthalene, 2-(1-methylethyl)- | 170 | C13H14 | 002027-17-0 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

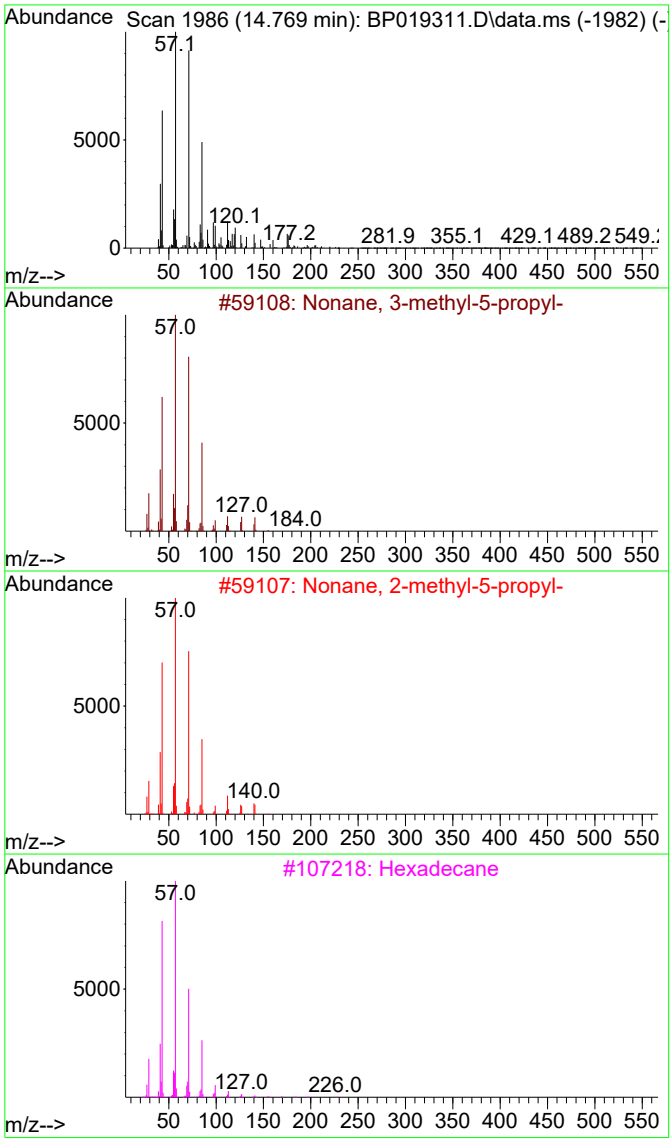
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

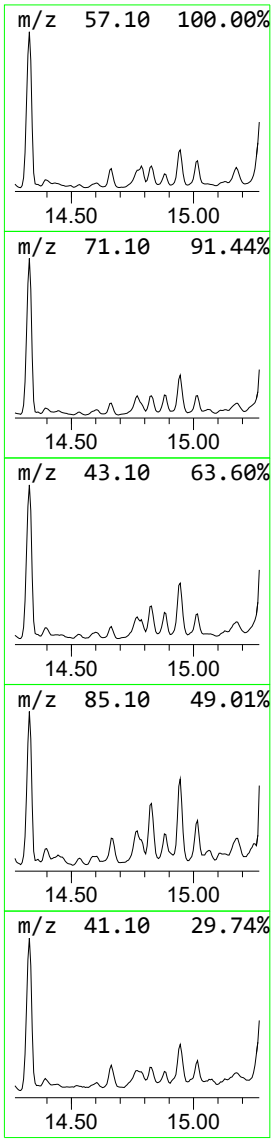
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 37

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.769 | 10.21 ng/ul | 1268840 | Acenaphthene-d10 | 14.428 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonane, 3-methyl-5-propyl- | 184 | C13H28 | 031081-18-2 | 72 |
| 2 | Nonane, 2-methyl-5-propyl- | 184 | C13H28 | 031081-17-1 | 64 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 58 |
| 4 | Sulfurous acid, 2-ethylhexyl tet... | 390 | C22H46O3S | 1000309-19-7 | 53 |
| 5 | Nonane, 2,3-dimethyl- | 156 | C11H24 | 002884-06-2 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

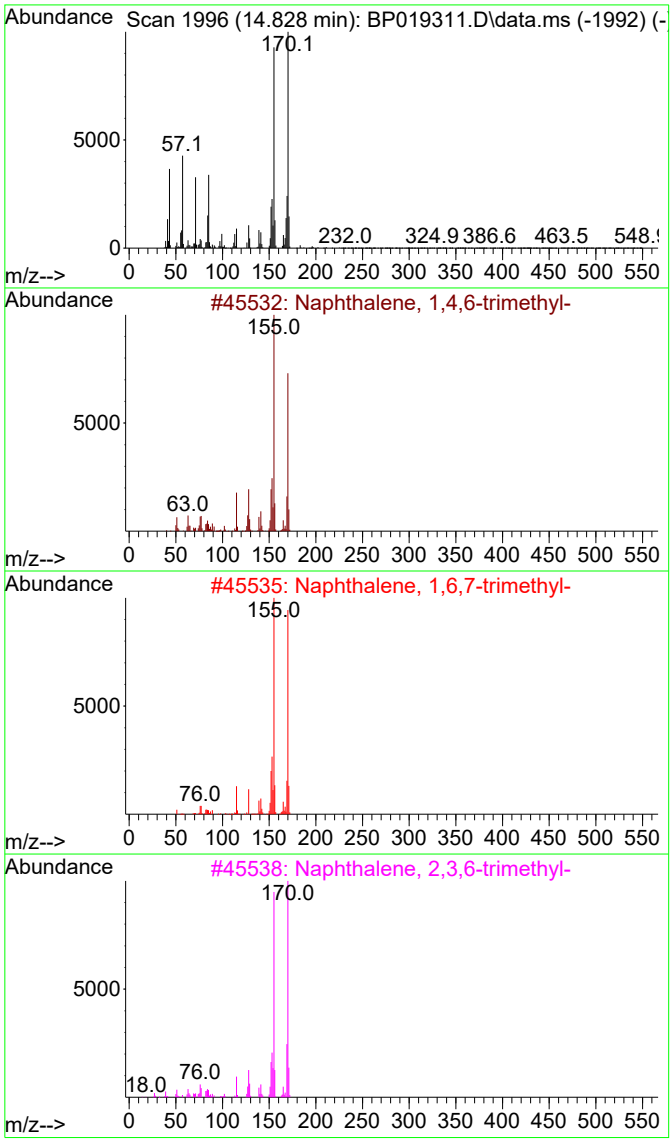
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

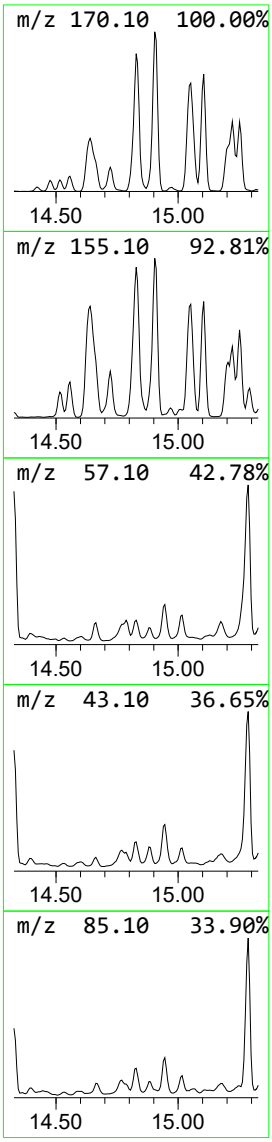
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 22 Naphthalene, 2,3,6-trimethyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.828 | 30.68 ng/ul | 3810600 | Acenaphthene-d10 | 14.428 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 95 |
| 2 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 95 |
| 3 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 94 |
| 4 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 93 |
| 5 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

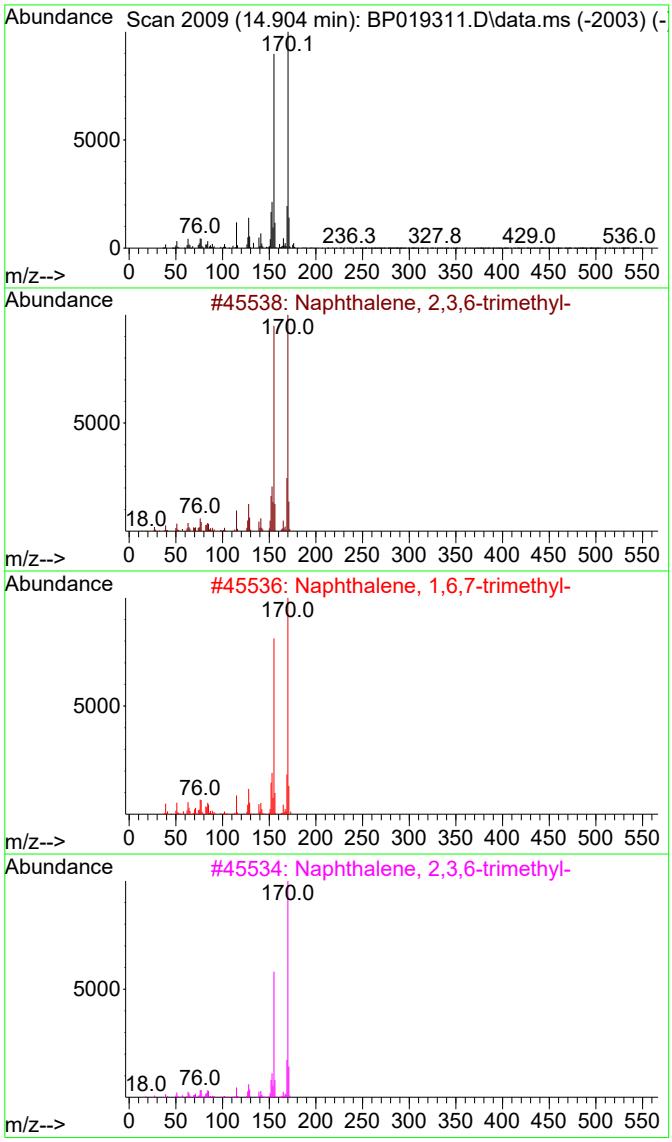
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

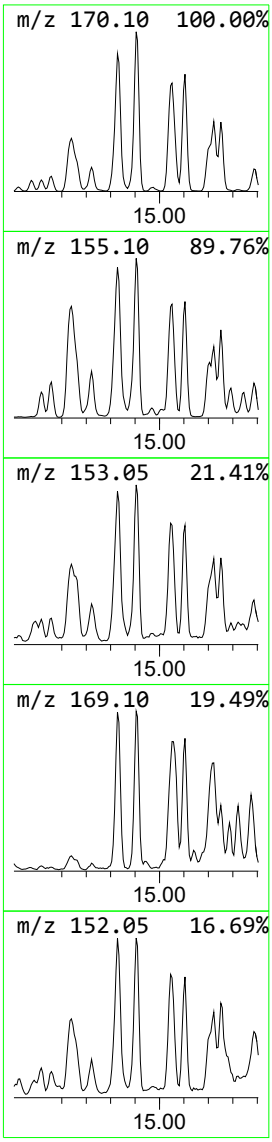
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 23 unknown-01 Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.904 | 24.04 ng/ul | 2986830 | Acenaphthene-d10 | 14.428 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 98 |
| 2 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 96 |
| 3 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 96 |
| 4 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 96 |
| 5 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

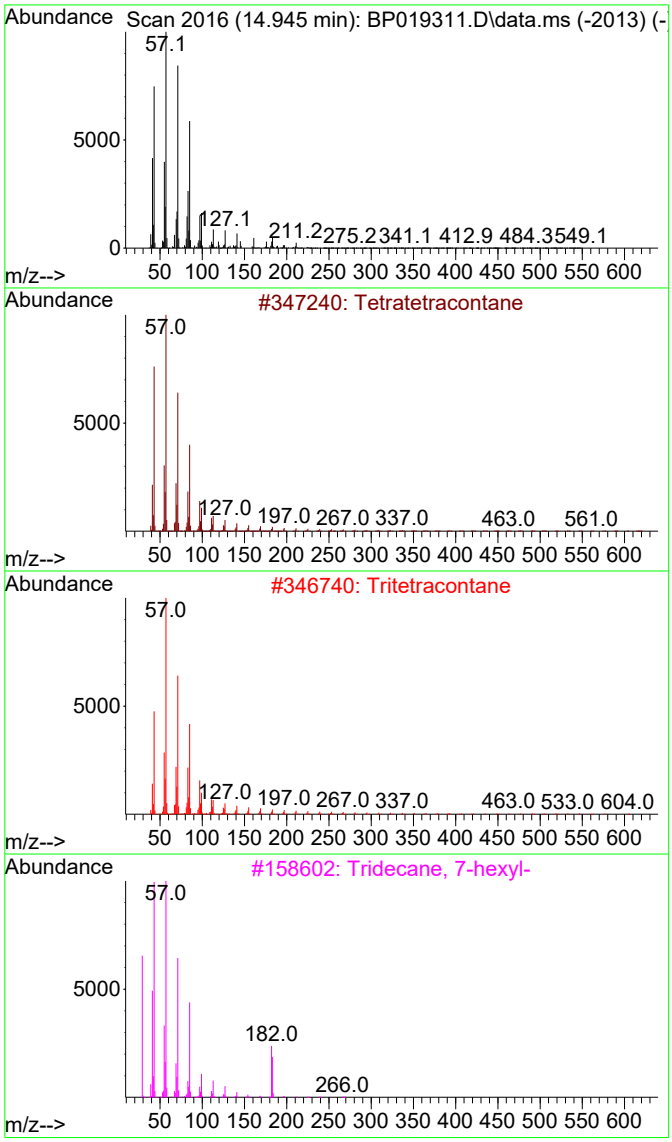
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

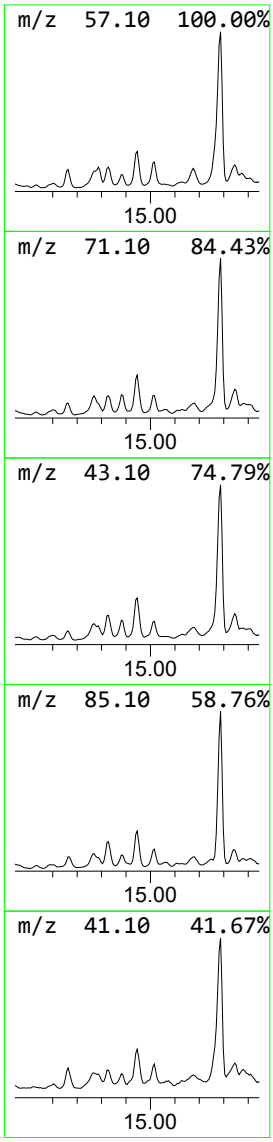
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.945 | 20.99 ng/ul | 2607720 | Acenaphthene-d10 | 14.428 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 90 |
| 2 | Tritetracontane | 605 | C43H88 | 007098-21-7 | 90 |
| 3 | Tridecane, 7-hexyl- | 268 | C19H40 | 007225-66-3 | 87 |
| 4 | Hexacosane | 366 | C26H54 | 000630-01-3 | 86 |
| 5 | Tridecane | 184 | C13H28 | 000629-50-5 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

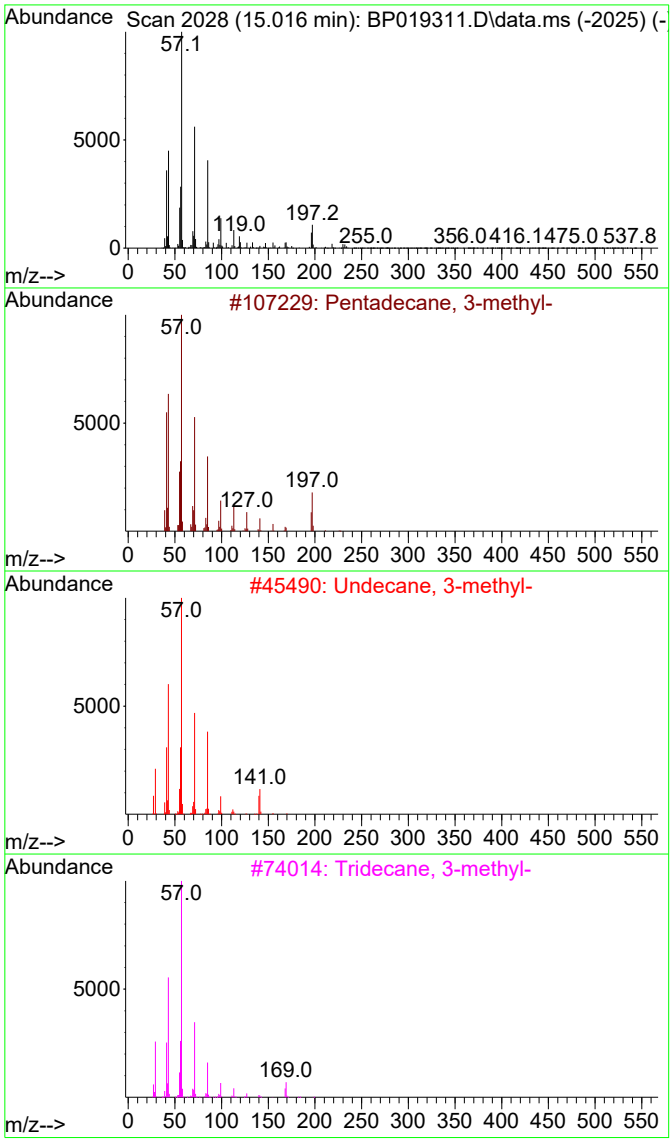
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

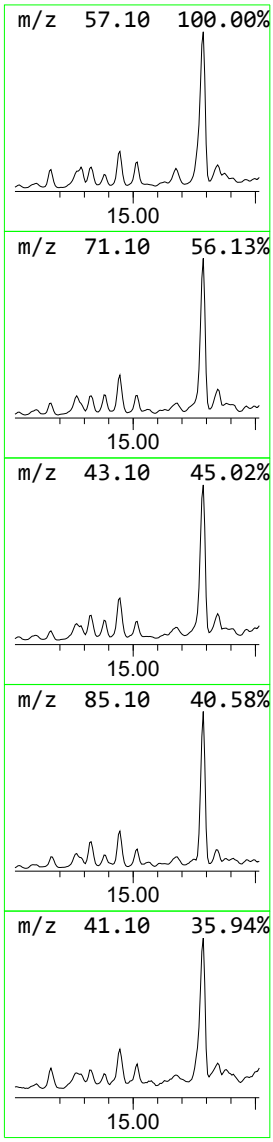
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 42

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.016 | 7.24 ng/ul | 899969 | Acenaphthene-d10 | 14.428 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentadecane, 3-methyl- | 226 | C16H34 | 002882-96-4 | 90 |
| 2 | Undecane, 3-methyl- | 170 | C12H26 | 001002-43-3 | 83 |
| 3 | Tridecane, 3-methyl- | 198 | C14H30 | 006418-41-3 | 72 |
| 4 | Hexadecane, 1-iodo- | 352 | C16H33I | 000544-77-4 | 64 |
| 5 | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

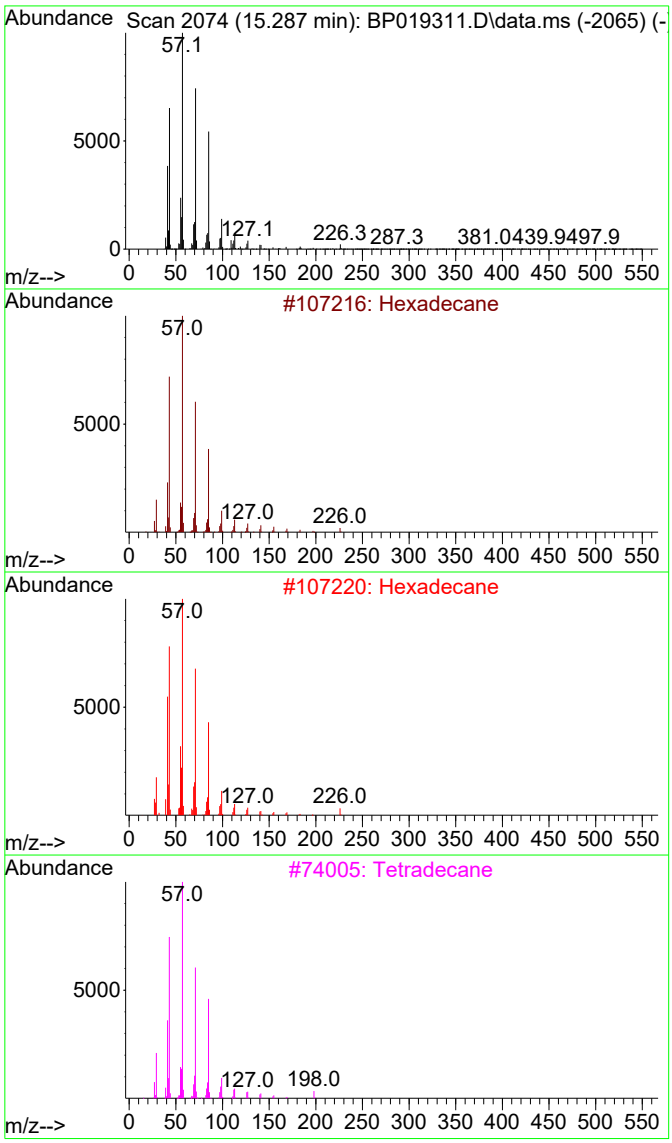
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

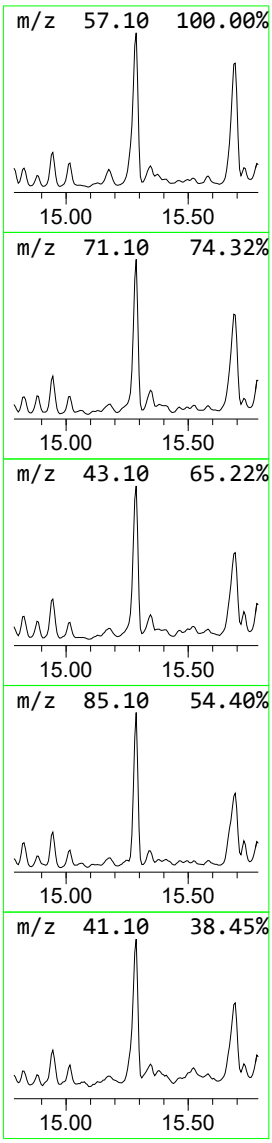
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.287 | 91.97 ng/ul | 11424700 | Acenaphthene-d10 | 14.428 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 97 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 95 |
| 3 | Tetradecane | 198 | C14H30 | 000629-59-4 | 91 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 90 |
| 5 | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

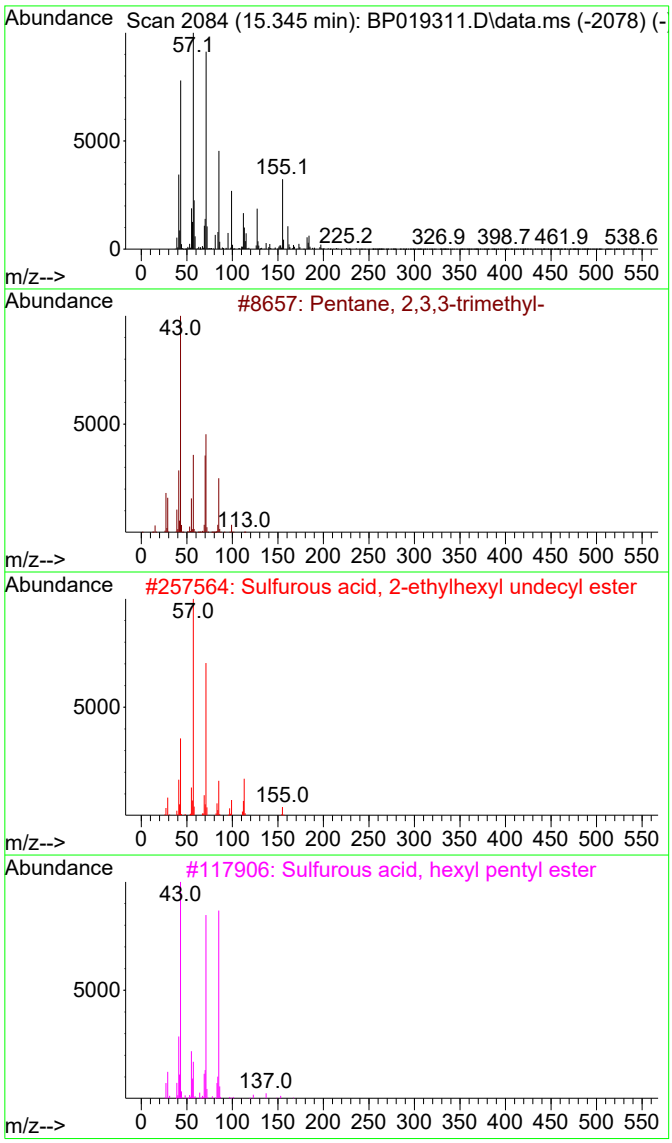
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

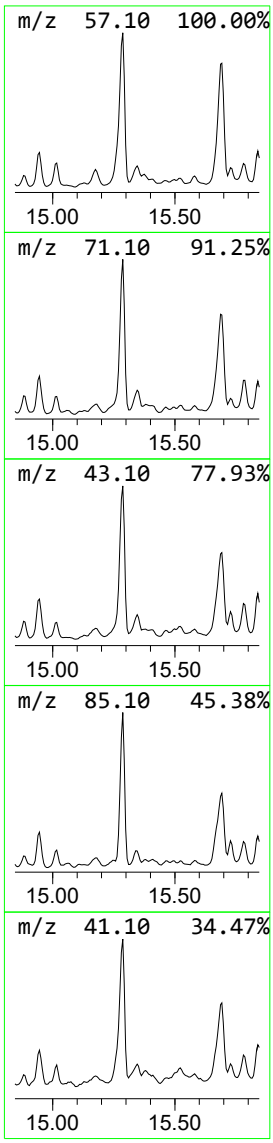
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 33

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.345 | 13.56 ng/ul | 1684550 | Acenaphthene-d10 | 14.428 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane, 2,3,3-trimethyl- | 114 | C8H18 | 000560-21-4 | 47 |
| 2 | Sulfurous acid, 2-ethylhexyl und... | 348 | C19H40O3S | 1000309-19-4 | 47 |
| 3 | Sulfurous acid, hexyl pentyl ester | 236 | C11H24O3S | 1000309-14-1 | 46 |
| 4 | Dodecane, 4,6-dimethyl- | 198 | C14H30 | 061141-72-8 | 46 |
| 5 | L-Homoserine lactone, N,N-dimethyl- | 129 | C6H11NO2 | 1010374-45-7 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

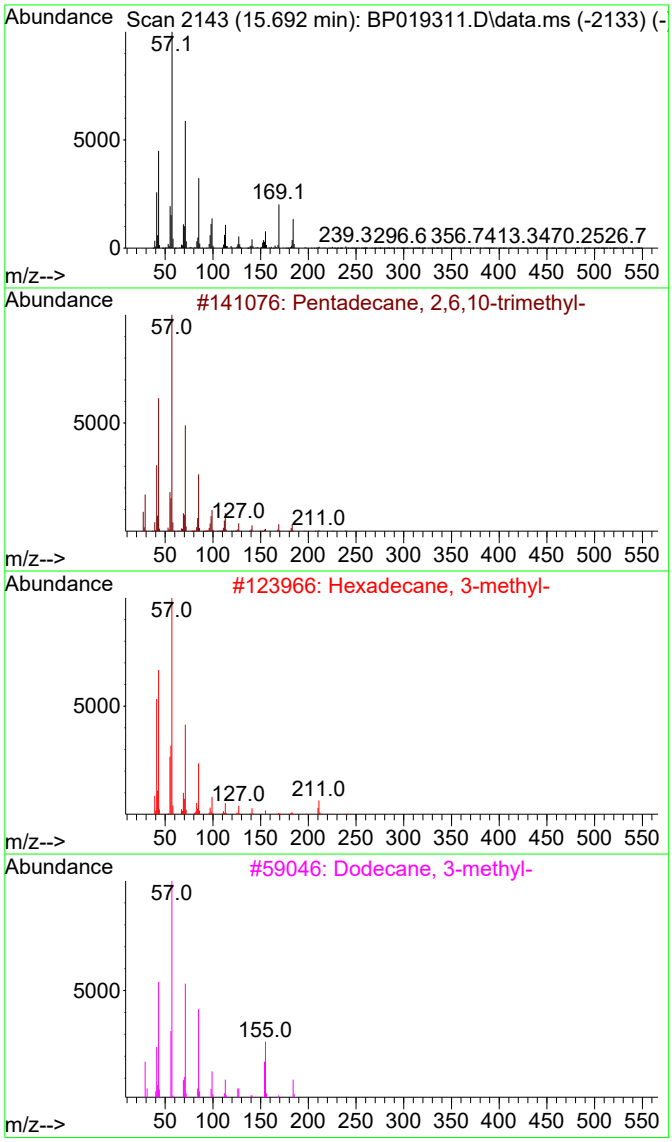
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

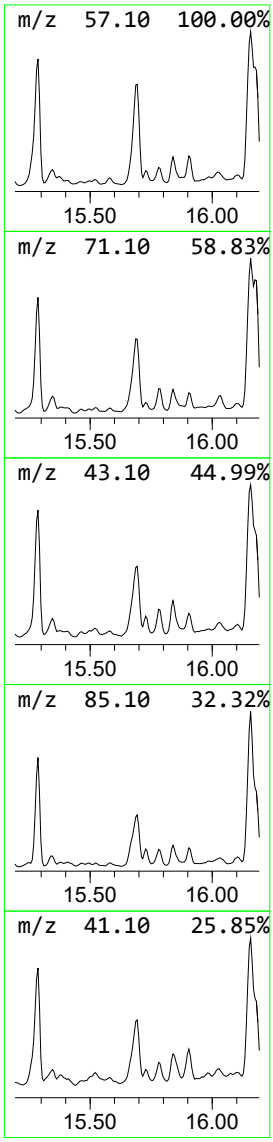
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.693 | 86.20 ng/ul | 10708100 | Acenaphthene-d10 | 14.428 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentadecane, 2,6,10-trimethyl- | 254 | C18H38 | 003892-00-0 | 91 |
| 2 | Hexadecane, 3-methyl- | 240 | C17H36 | 006418-43-5 | 70 |
| 3 | Dodecane, 3-methyl- | 184 | C13H28 | 017312-57-1 | 64 |
| 4 | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42 | 000638-36-8 | 62 |
| 5 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 62 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

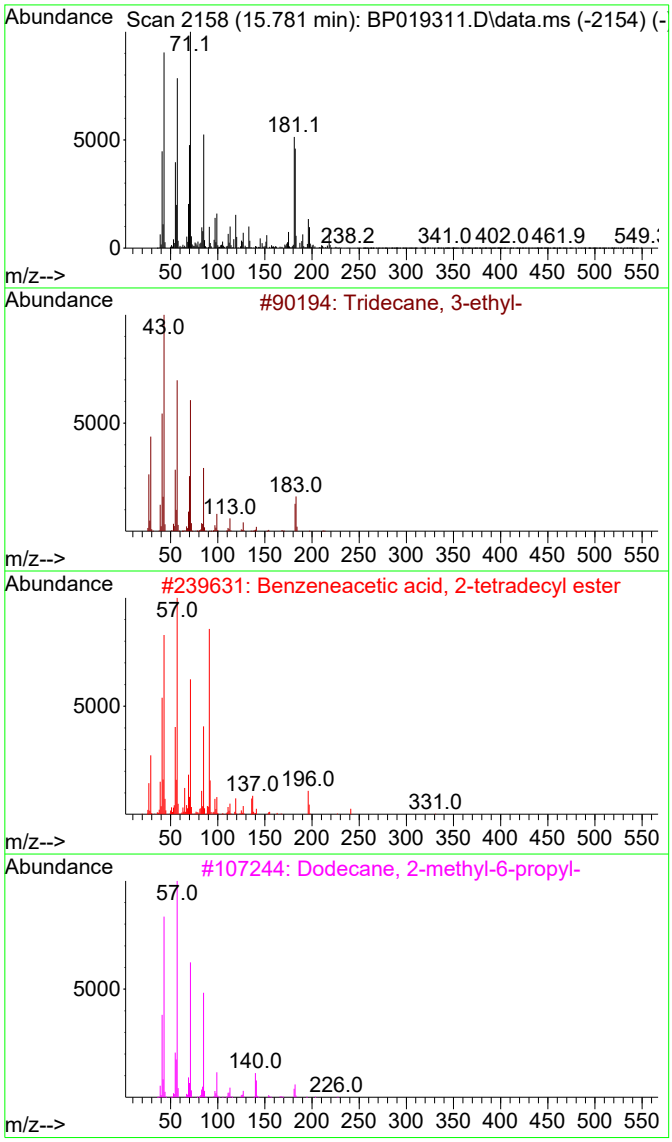
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

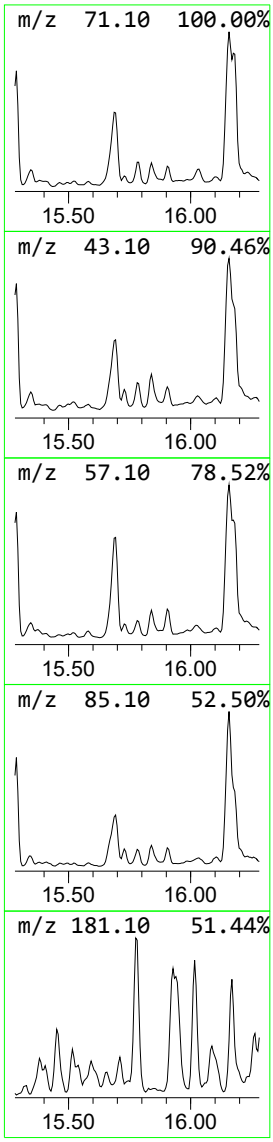
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.781 | 30.51 ng/ul | 3790520 | Acenaphthene-d10 | 14.428 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane, 3-ethyl- | 212 | C15H32 | 013286-73-2 | 49 |
| 2 | Benzeneacetic acid, 2-tetradecyl... | 332 | C22H36O2 | 1000282-02-4 | 46 |
| 3 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 46 |
| 4 | Tetracosane | 338 | C24H50 | 000646-31-1 | 43 |
| 5 | Sulfurous acid, hexyl pentyl ester | 236 | C11H24O3S | 1000309-14-1 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

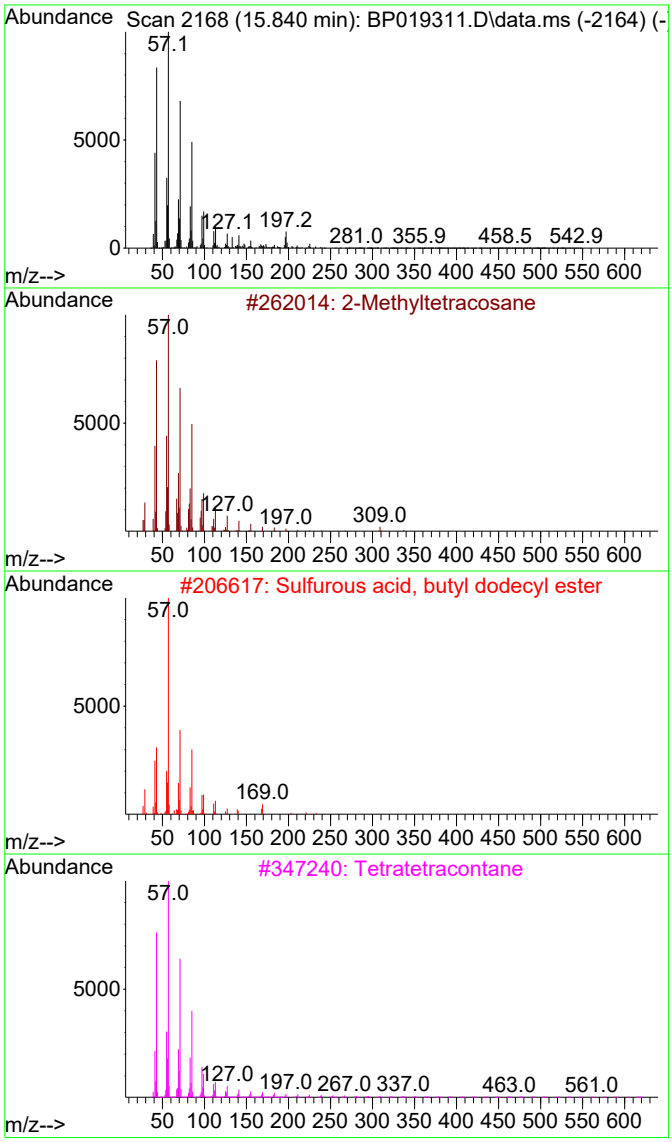
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

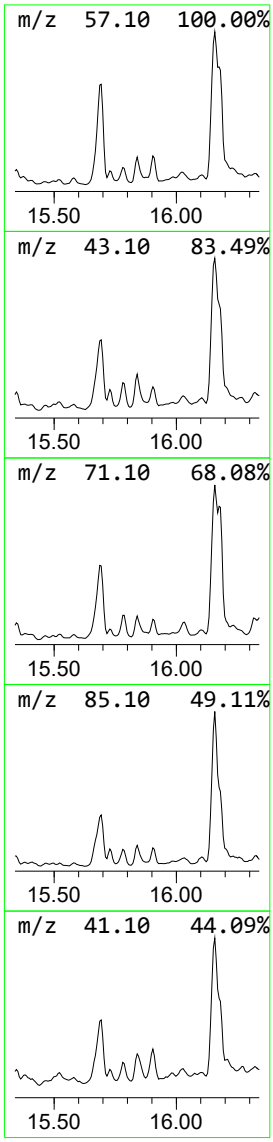
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.839 | 23.69 ng/ul | 3577280 | Phenanthrene-d10 | 17.204 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Methyltetracosane | 352 | C25H52 | 001560-78-7 | 91 |
| 2 | Sulfurous acid, butyl dodecyl ester | 306 | C16H34O3S | 1000309-17-9 | 91 |
| 3 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 91 |
| 4 | Octacosane, 2-methyl- | 408 | C29H60 | 001560-98-1 | 91 |
| 5 | Tritetracontane | 605 | C43H88 | 007098-21-7 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

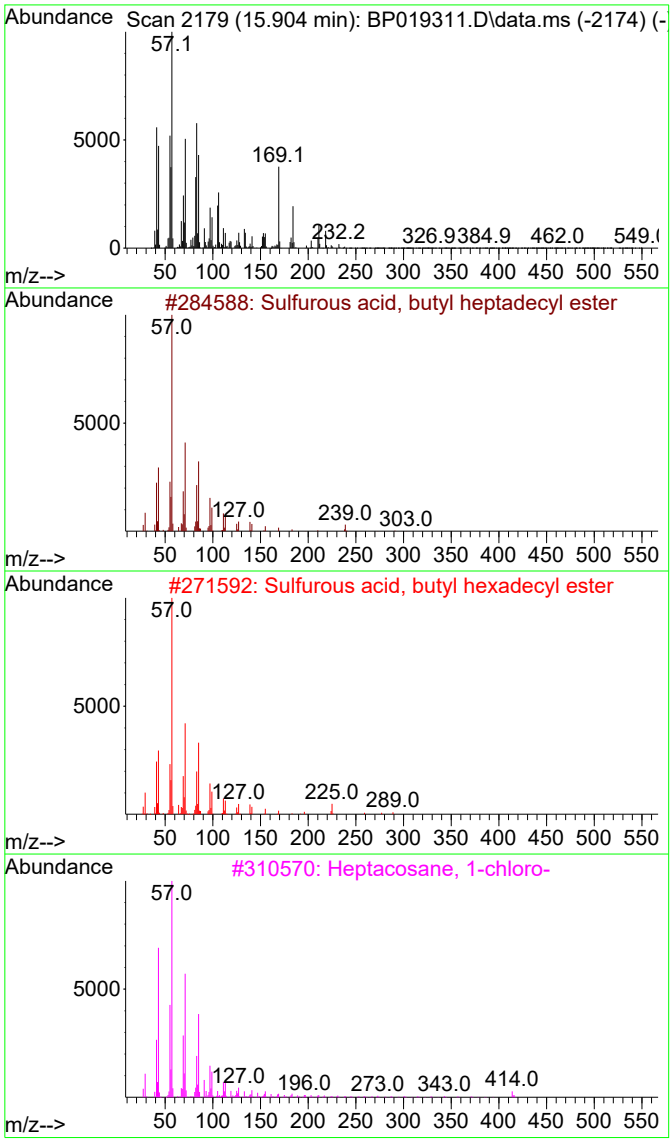
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

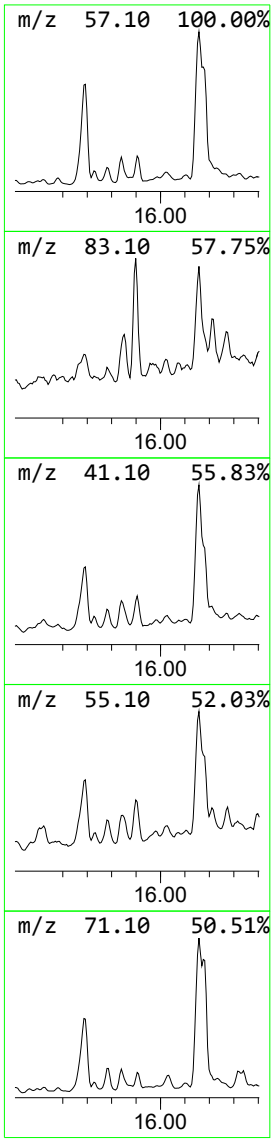
**********

Peak Number 31 unknown-02 Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.904 | 21.02 ng/ul | 3173530 | Phenanthrene-d10 | 17.204 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Sulfurous acid, butyl heptadecyl... | 376 | C21H44O3S | 1000309-18-4 | 45 |
| 2 | Sulfurous acid, butyl hexadecyl ... | 362 | C20H42O3S | 1000309-18-3 | 43 |
| 3 | Heptacosane, 1-chloro- | 414 | C27H55Cl | 062016-79-9 | 41 |
| 4 | Sulfurous acid, butyl pentadecyl... | 348 | C19H40O3S | 1000309-18-2 | 38 |
| 5 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

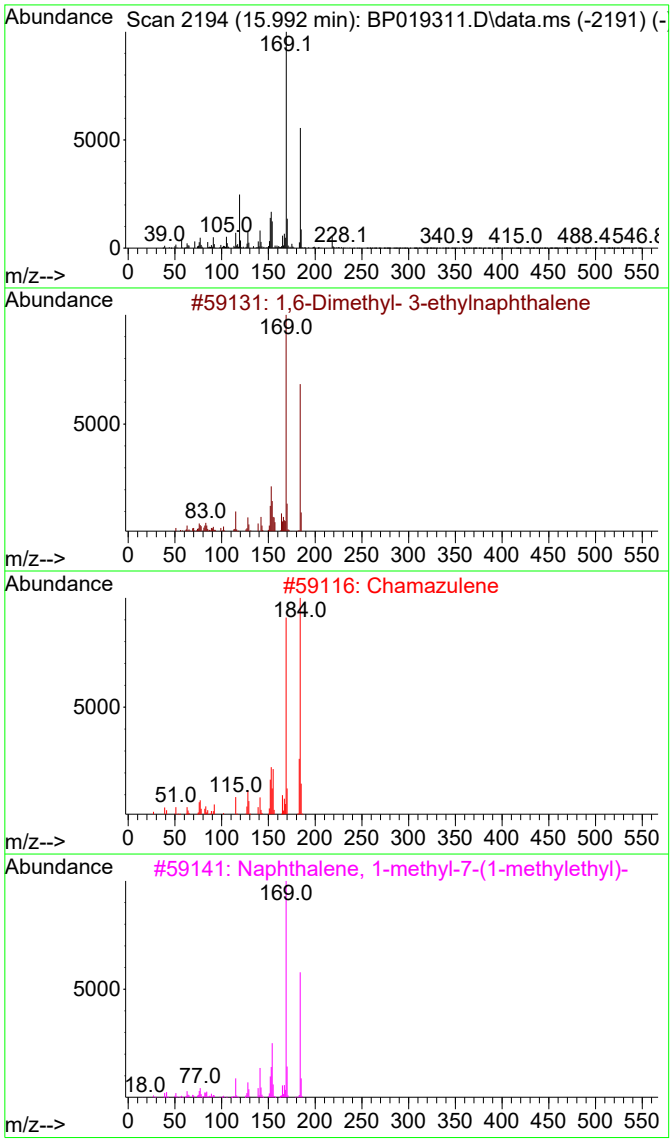
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

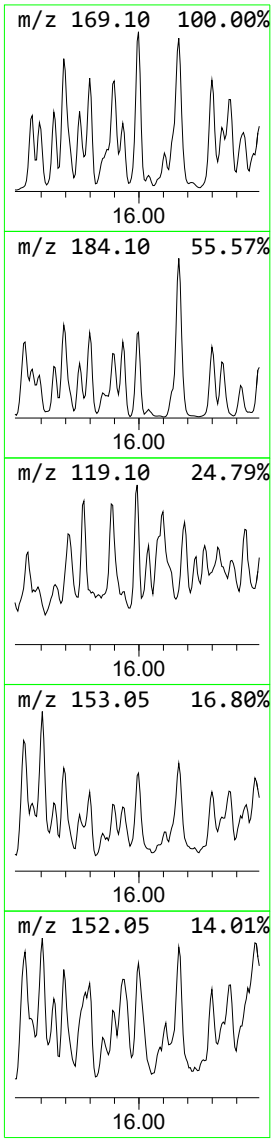
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 32 1,6-Dimethyl- 3-ethylnaphth... Concentration Rank 41

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.993 | 8.21 ng/ul | 1239810 | Phenanthrene-d10 | 17.204 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,6-Dimethyl- 3-ethylnaphthalene | 184 | C14H16 | 1000383-71-8 | 93 |
| 2 | Chamazulene | 184 | C14H16 | 000529-05-5 | 83 |
| 3 | Naphthalene, 1-methyl-7-(1-methy... | 184 | C14H16 | 000490-65-3 | 81 |
| 4 | 3-Isopropyl- 1-methylnaphthalene | 184 | C14H16 | 1000383-71-4 | 81 |
| 5 | 1,6-Dimethyl-4-ethylnaphthalene ... | 184 | C14H16 | 1000383-71-7 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

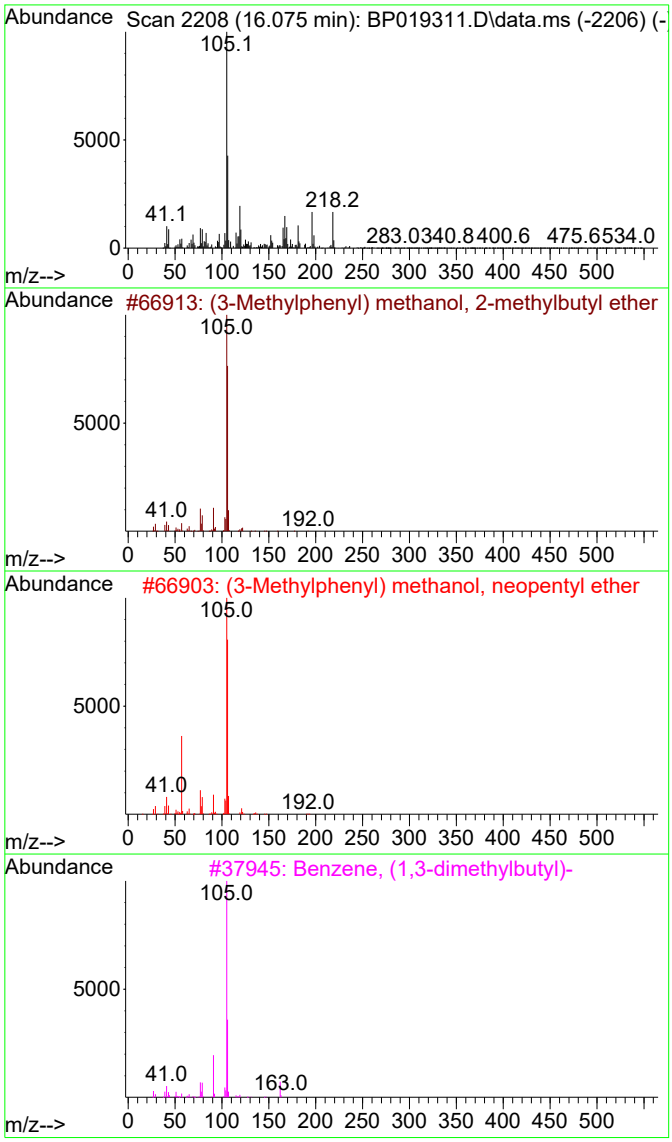
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

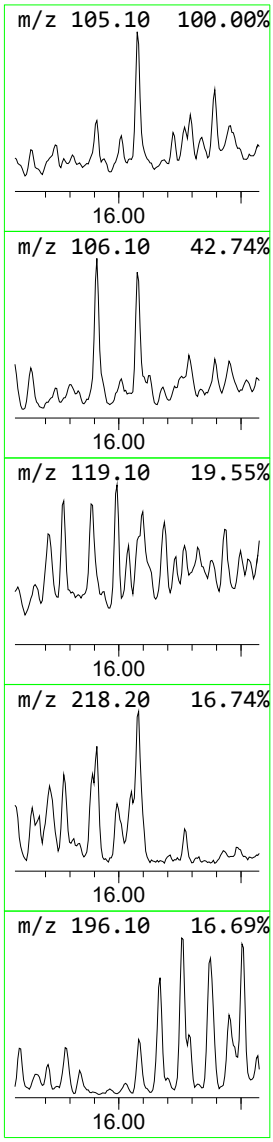
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 33 unknown-03 Concentration Rank 51

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.075 | 3.96 ng/ul | 597238 | Phenanthrene-d10 | 17.204 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | (3-Methylphenyl) methanol, 2-met... | 192 | C13H20O | 1000374-43-9 | 30 |
| 2 | (3-Methylphenyl) methanol, neope... | 192 | C13H20O | 1000374-44-1 | 30 |
| 3 | Benzene, (1,3-dimethylbutyl)- | 162 | C12H18 | 019219-84-2 | 27 |
| 4 | (4-Methylphenyl) methanol, 2-met... | 192 | C13H20O | 1000374-66-4 | 27 |
| 5 | (3-Methylphenyl) methanol, 3-met... | 192 | C13H20O | 1000374-58-6 | 22 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

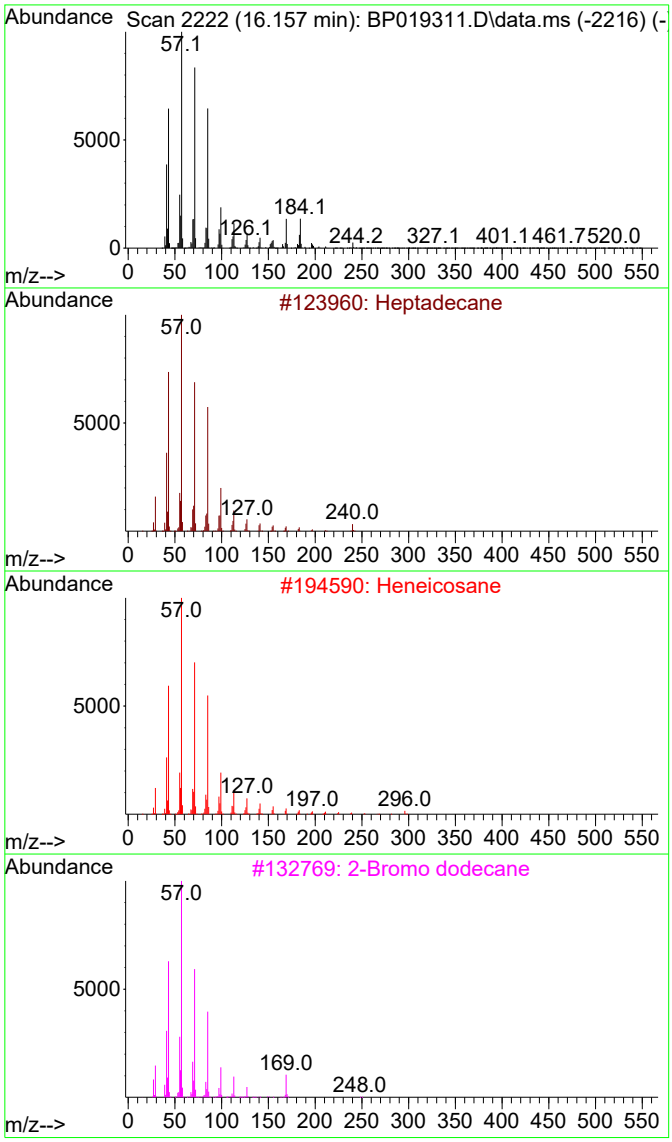
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

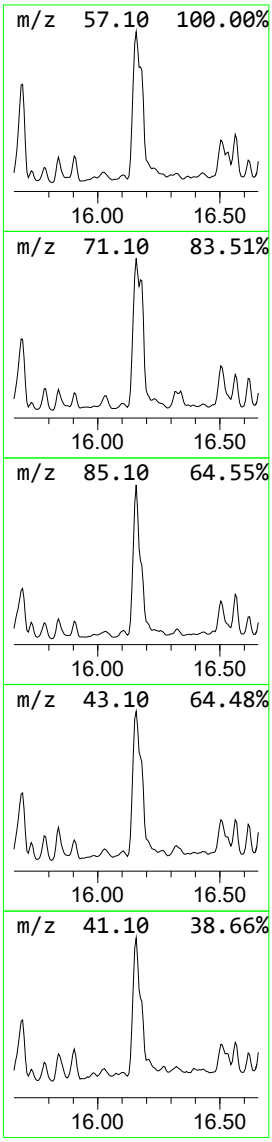
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.157 | 160.17 ng/ul | 24185900 | Phenanthrene-d10 | 17.204 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane | 240 | C17H36 | 000629-78-7 | 98 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 87 |
| 3 | 2-Bromo dodecane | 248 | C12H25Br | 013187-99-0 | 86 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 83 |
| 5 | Tridecane | 184 | C13H28 | 000629-50-5 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

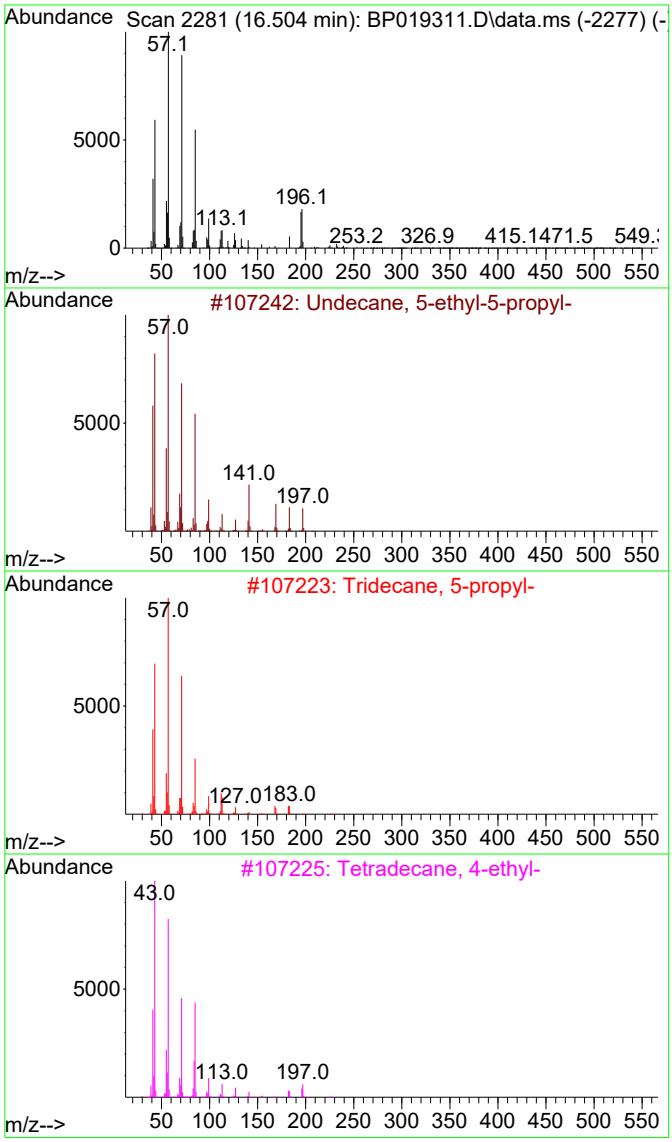
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

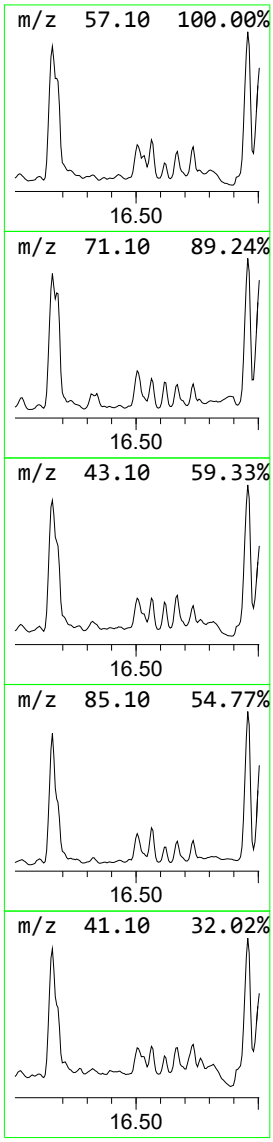
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.504 | 18.09 ng/ul | 2732250 | Phenanthrene-d10 | 17.204 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Undecane, 5-ethyl-5-propyl- | 226 | C16H34 | 002755-07-9 | 72 |
| 2 | Tridecane, 5-propyl- | 226 | C16H34 | 055045-11-9 | 62 |
| 3 | Tetradecane, 4-ethyl- | 226 | C16H34 | 055045-14-2 | 58 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 58 |
| 5 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

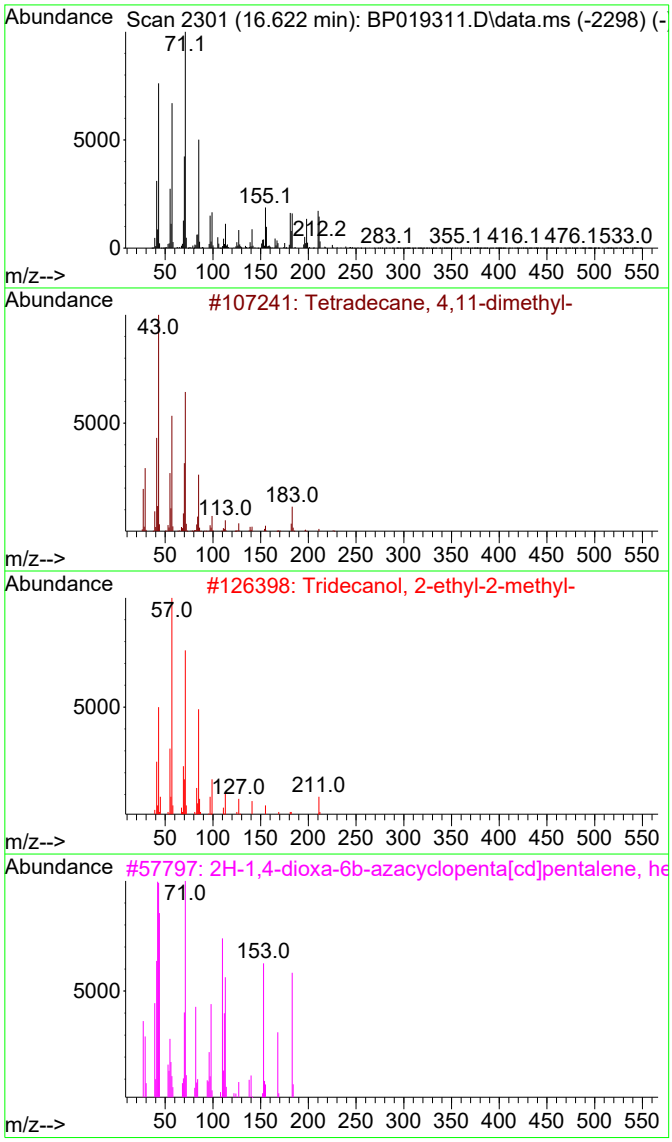
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

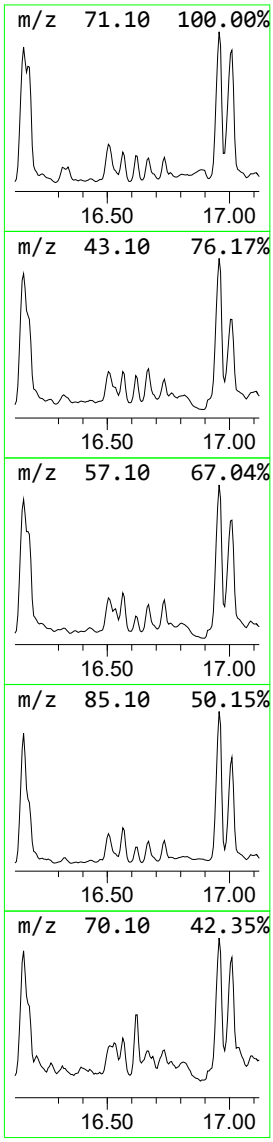
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 39

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.622 | 9.46 ng/ul | 1428220 | Phenanthrene-d10 | 17.204 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecane, 4,11-dimethyl- | 226 | C16H34 | 055045-12-0 | 89 |
| 2 | Tridecanol, 2-ethyl-2-methyl- | 242 | C16H34O | 1010115-66-1 | 49 |
| 3 | 2H-1,4-dioxa-6b-azacyclopenta[cd... | 183 | C10H17NO2 | 1000404-90-4 | 46 |
| 4 | Heptacosane | 380 | C27H56 | 000593-49-7 | 43 |
| 5 | Heptadecane, 4-methyl- | 254 | C18H38 | 026429-11-8 | 35 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

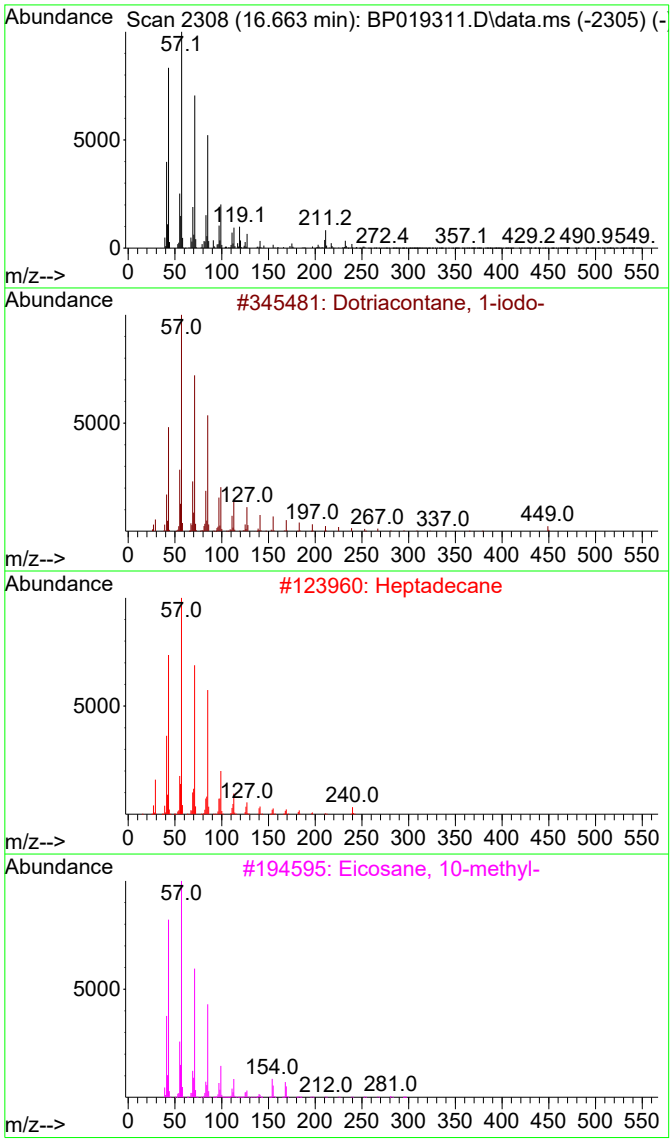
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

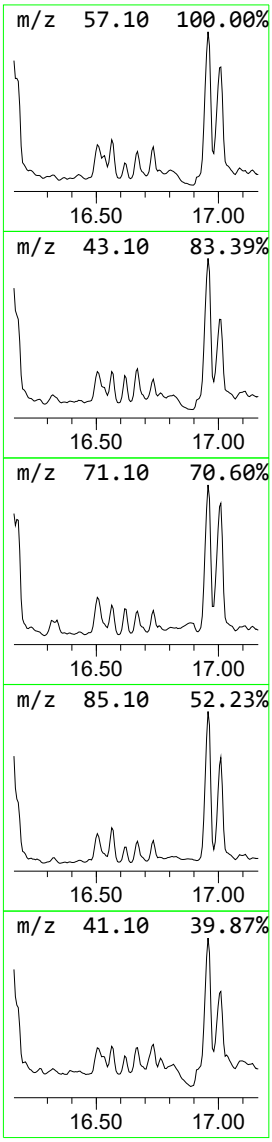
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 37 Dotriacontane, 1-iodo- Concentration Rank 34

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.663 | 13.28 ng/ul | 2004600 | Phenanthrene-d10 | 17.204 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dotriacontane, 1-iodo- | 576 | C32H65I | 1000406-32-4 | 80 |
| 2 | Heptadecane | 240 | C17H36 | 000629-78-7 | 80 |
| 3 | Eicosane, 10-methyl- | 296 | C21H44 | 054833-23-7 | 80 |
| 4 | 2-Bromo dodecane | 248 | C12H25Br | 013187-99-0 | 80 |
| 5 | Triacontane | 422 | C30H62 | 000638-68-6 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

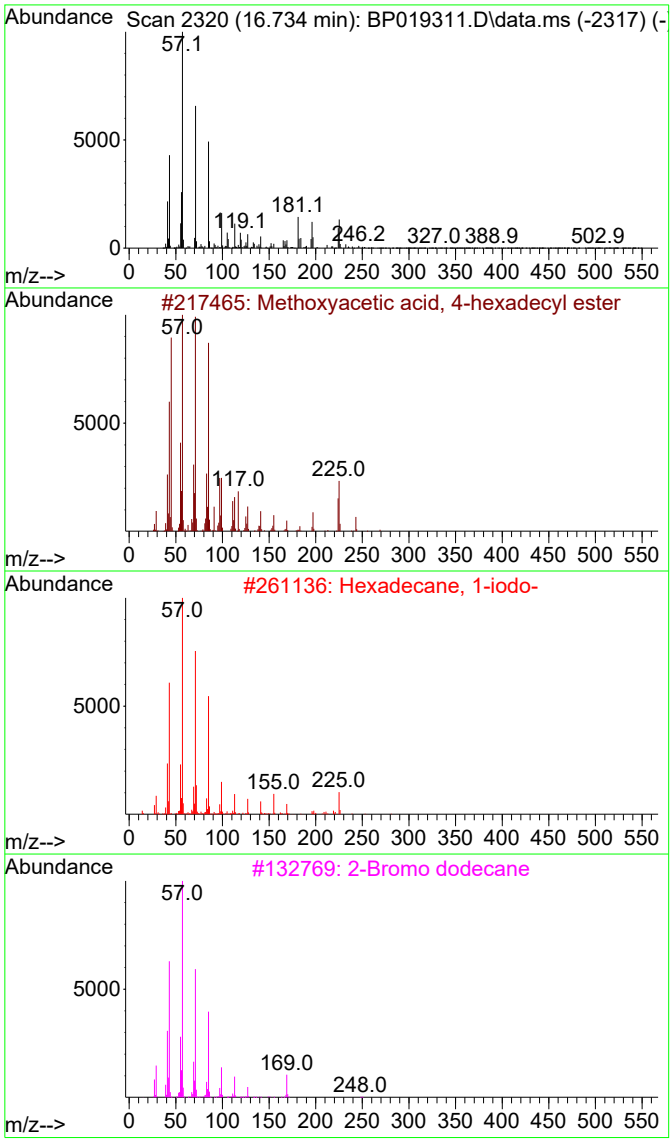
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

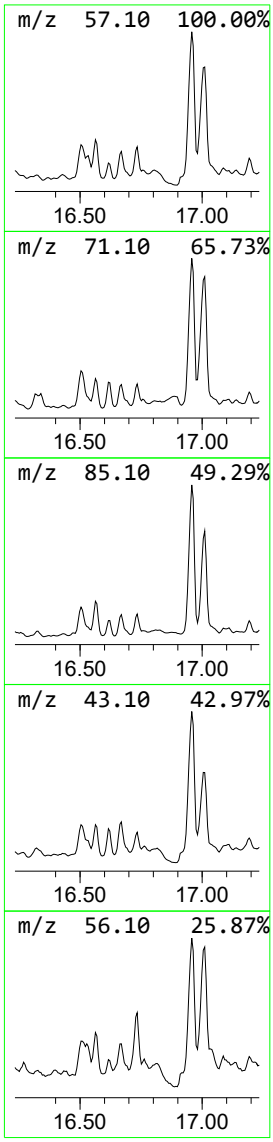
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 38 Methoxyacetic acid, 4-hexad... Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.734 | 16.39 ng/ul | 2475020 | Phenanthrene-d10 | 17.204 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Methoxyacetic acid, 4-hexadecyl ... | 314 | C19H38O3 | 1000282-99-0 | 72 |
| 2 | Hexadecane, 1-iodo- | 352 | C16H33I | 000544-77-4 | 72 |
| 3 | 2-Bromo dodecane | 248 | C12H25Br | 013187-99-0 | 70 |
| 4 | Hexadecane, 1-iodo- | 352 | C16H33I | 000544-77-4 | 64 |
| 5 | Hexadecane, 1-iodo- | 352 | C16H33I | 000544-77-4 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

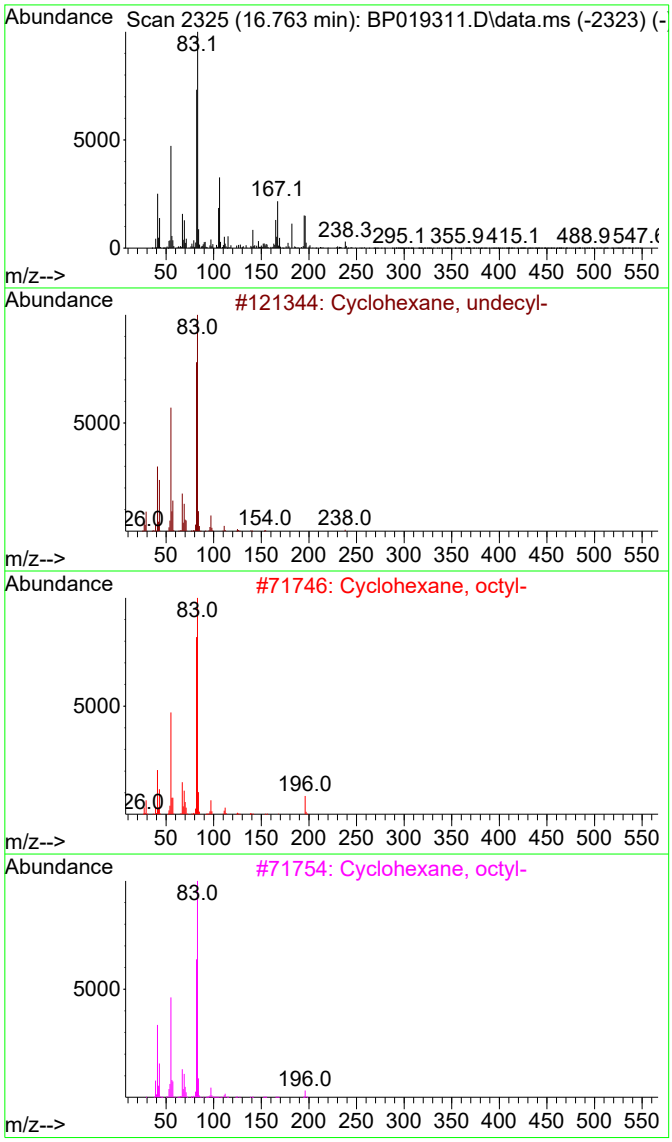
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

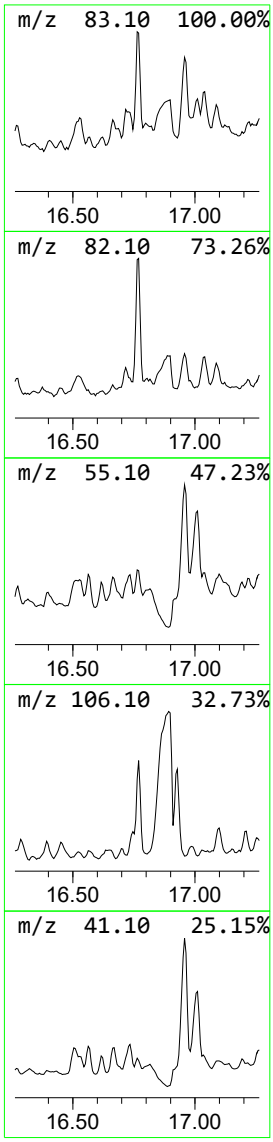
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 39 (DEL) Alkane: Cyclic16.763 Concentration Rank 38

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.763 | 9.92 ng/ul | 1498700 | Phenanthrene-d10 | 17.204 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, undecyl- | 238 | C17H34 | 054105-66-7 | 64 |
| 2 | Cyclohexane, octyl- | 196 | C14H28 | 001795-15-9 | 64 |
| 3 | Cyclohexane, octyl- | 196 | C14H28 | 001795-15-9 | 58 |
| 4 | Cyclohexane, pentyl- | 154 | C11H22 | 004292-92-6 | 58 |
| 5 | Silane, dichlorocyclohexylmethyl- | 196 | C7H14Cl2Si | 005578-42-7 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

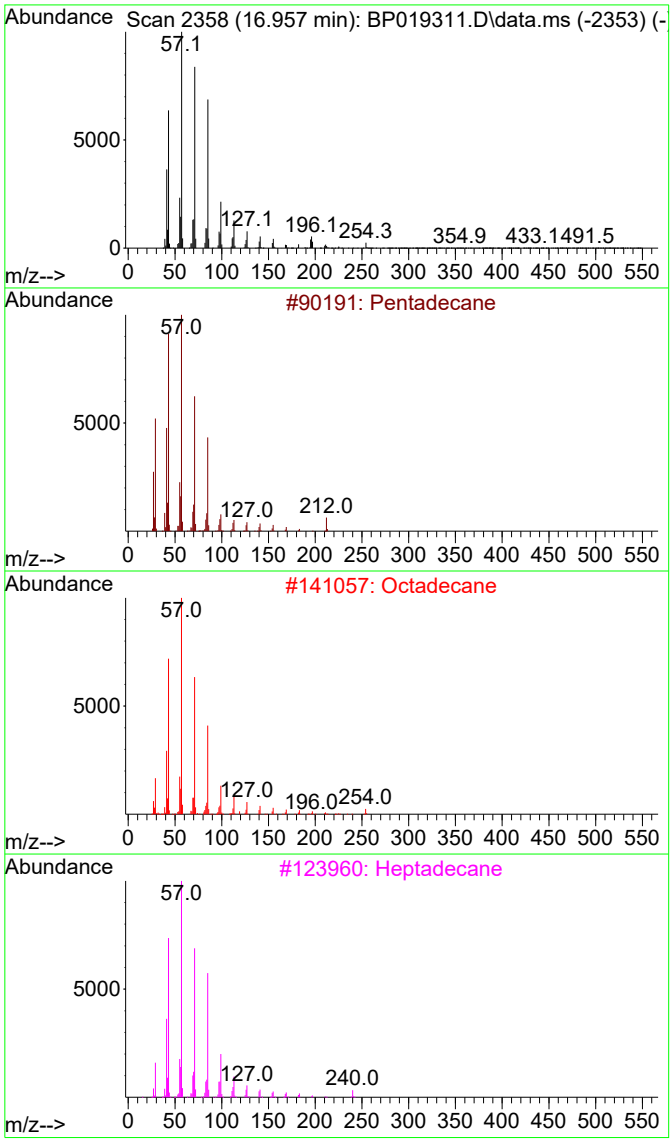
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

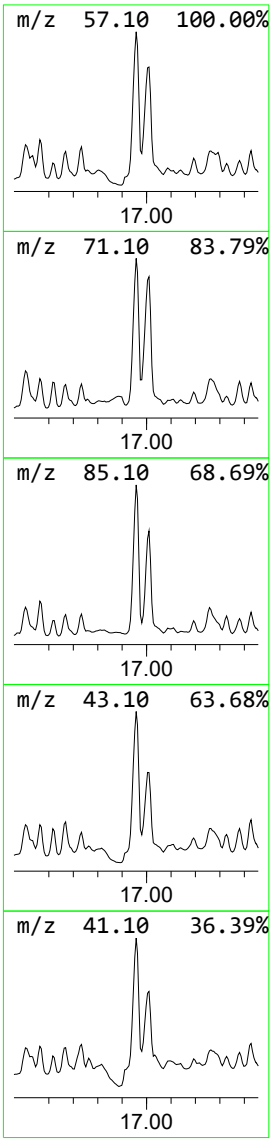
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.957 | 93.28 ng/ul | 14085500 | Phenanthrene-d10 | 17.204 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentadecane | 212 | C15H32 | 000629-62-9 | 94 |
| 2 | Octadecane | 254 | C18H38 | 000593-45-3 | 93 |
| 3 | Heptadecane | 240 | C17H36 | 000629-78-7 | 90 |
| 4 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |
| 5 | Octadecane | 254 | C18H38 | 000593-45-3 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

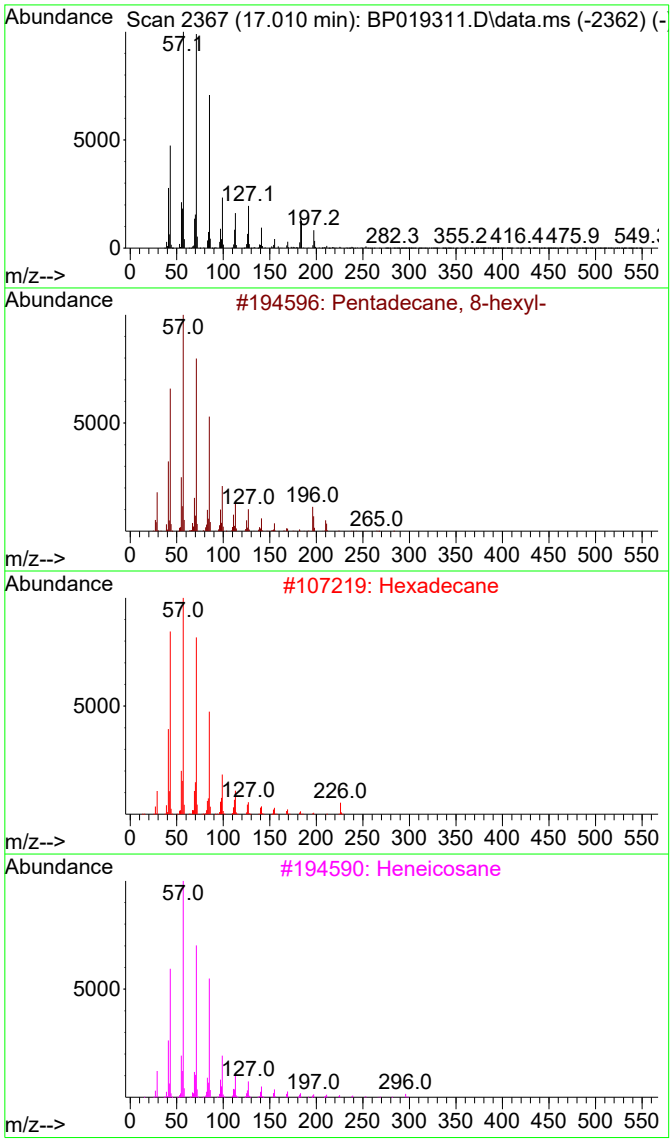
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

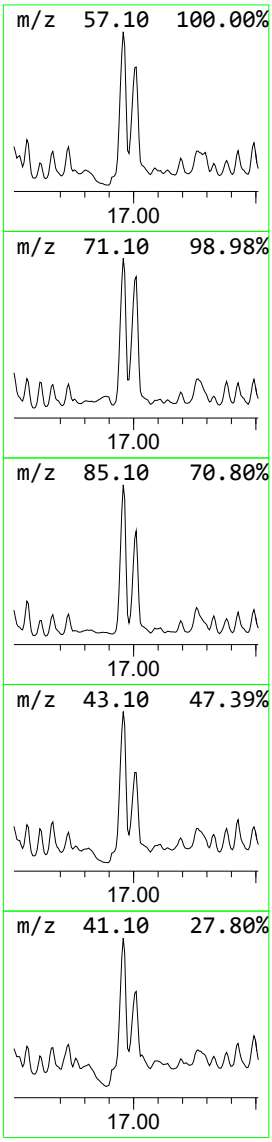
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.010 | 108.48 ng/ul | 16381100 | Phenanthrene-d10 | 17.204 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentadecane, 8-hexyl- | 296 | C21H44 | 013475-75-7 | 80 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 74 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 72 |
| 4 | Pentadecane, 2,6,10,14-tetramethyl- | 268 | C19H40 | 001921-70-6 | 72 |
| 5 | Tridecane, 2-methyl- | 198 | C14H30 | 001560-96-9 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

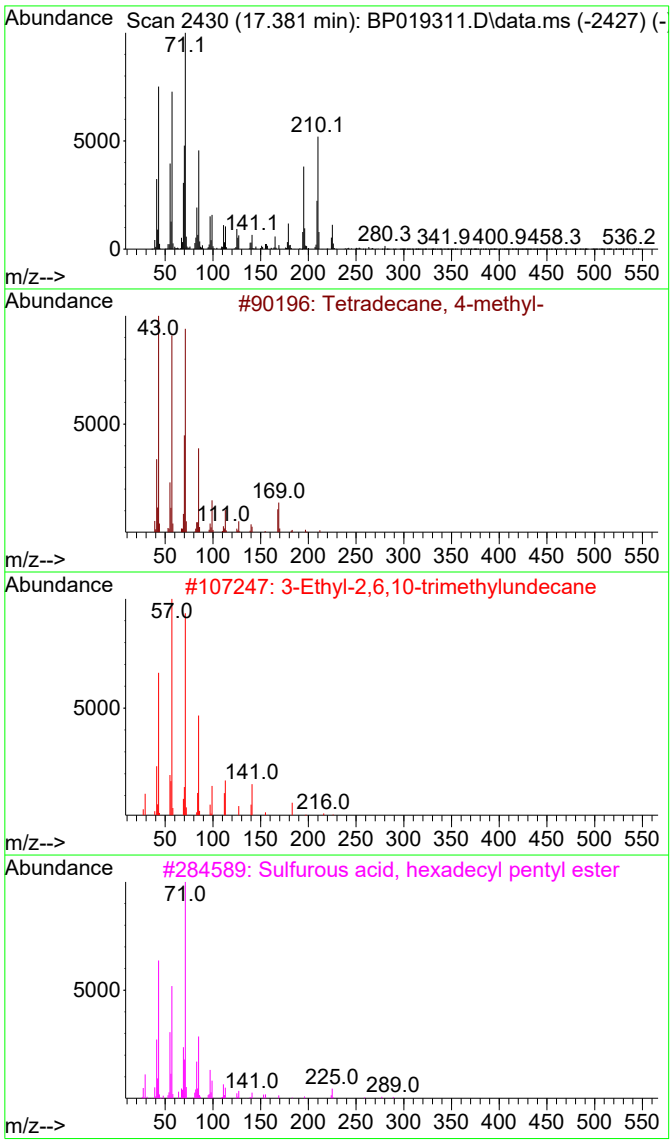
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

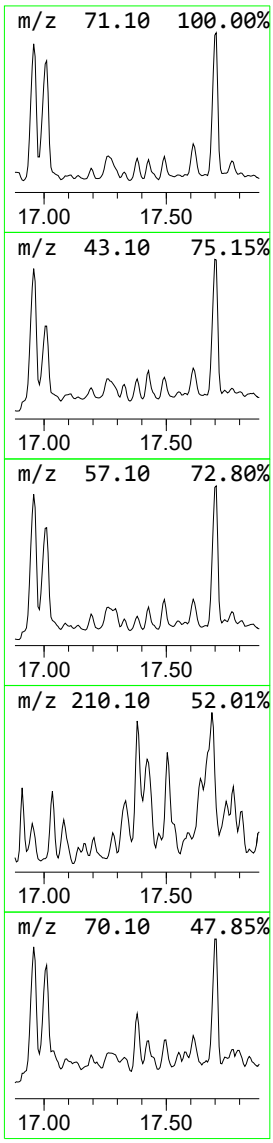
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 36

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.381 | 11.31 ng/ul | 1707120 | Phenanthrene-d10 | 17.204 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecane, 4-methyl- | 212 | C15H32 | 025117-24-2 | 38 |
| 2 | 3-Ethyl-2,6,10-trimethylundecane | 226 | C16H34 | 1000432-25-9 | 38 |
| 3 | Sulfurous acid, hexadecyl pentyl... | 376 | C21H44O3S | 1000309-14-9 | 38 |
| 4 | Decane, 4-methyl- | 156 | C11H24 | 002847-72-5 | 30 |
| 5 | Sulfurous acid, octadecyl pentyl... | 404 | C23H48O3S | 1000309-15-0 | 30 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

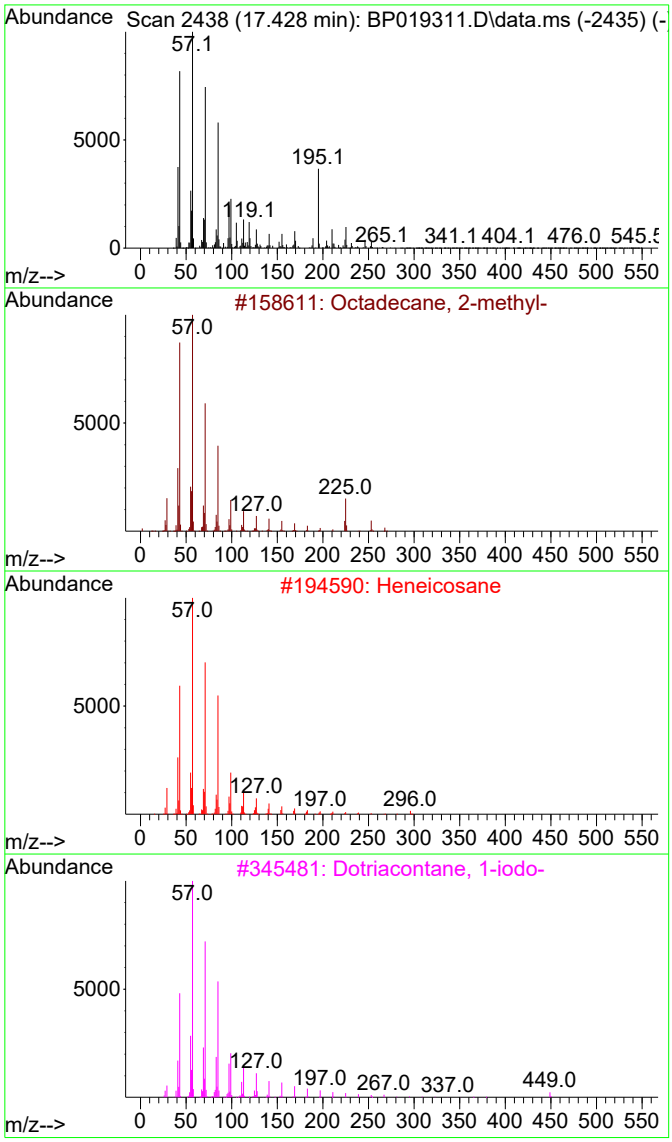
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

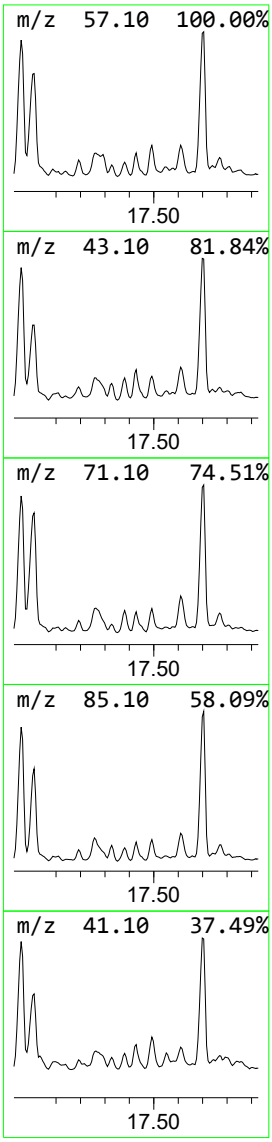
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.428 | 23.99 ng/ul | 3622270 | Phenanthrene-d10 | 17.204 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecane, 2-methyl- | 268 | C19H40 | 001560-88-9 | 64 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 58 |
| 3 | Dotriacontane, 1-iodo- | 576 | C32H65I | 1000406-32-4 | 58 |
| 4 | Pentacosane | 352 | C25H52 | 000629-99-2 | 58 |
| 5 | Pentadecane, 7-(bromomethyl)- | 304 | C16H33Br | 052997-43-0 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

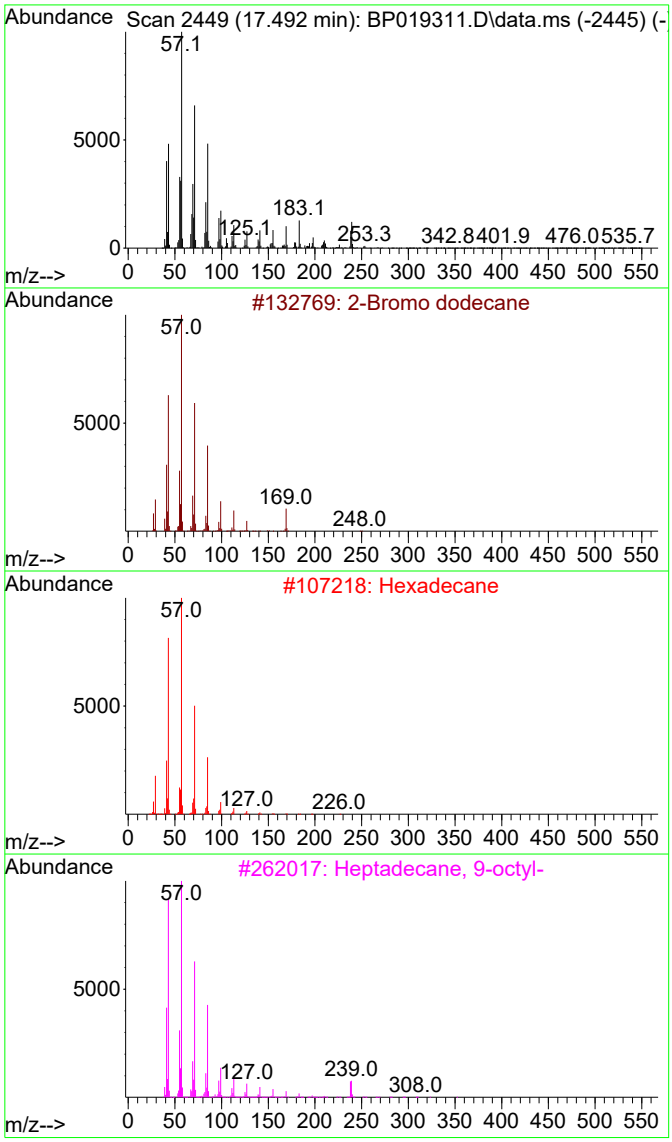
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

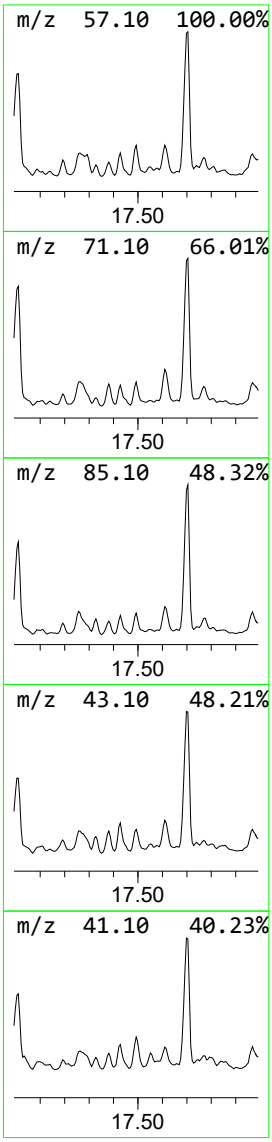
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 44 2-Bromo dodecane Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.492 | 28.52 ng/ul | 4307170 | Phenanthrene-d10 | 17.204 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Bromo dodecane | 248 | C12H25Br | 013187-99-0 | 89 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 83 |
| 3 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 74 |
| 4 | Hexadecane, 2-methyl- | 240 | C17H36 | 001560-92-5 | 70 |
| 5 | Tetradecane, 2,6,10-trimethyl- | 240 | C17H36 | 014905-56-7 | 70 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

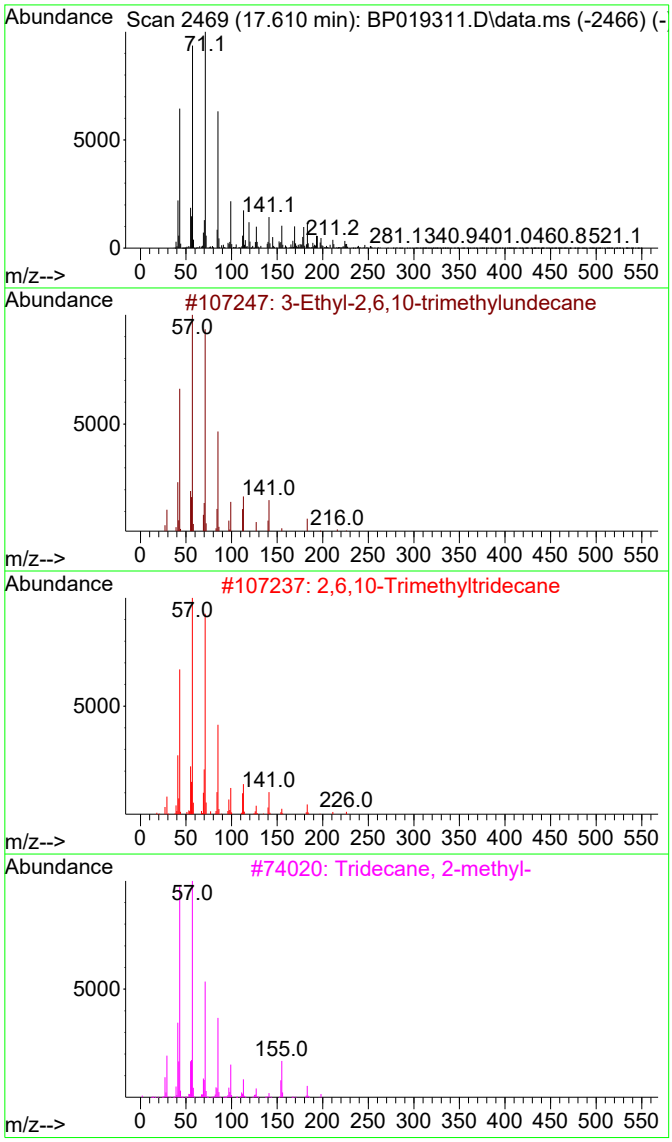
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

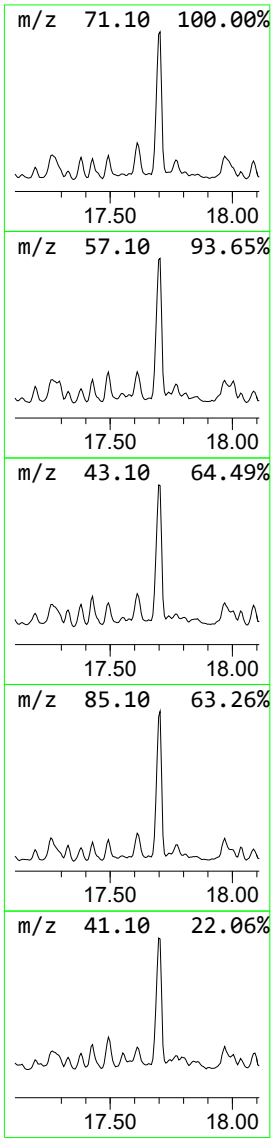
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.610 | 20.89 ng/ul | 3154080 | Phenanthrene-d10 | 17.204 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Ethyl-2,6,10-trimethylundecane | 226 | C16H34 | 1000432-25-9 | 89 |
| 2 | 2,6,10-Trimethyltridecane | 226 | C16H34 | 003891-99-4 | 64 |
| 3 | Tridecane, 2-methyl- | 198 | C14H30 | 001560-96-9 | 64 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 62 |
| 5 | Tetradecane, 4-methyl- | 212 | C15H32 | 025117-24-2 | 62 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

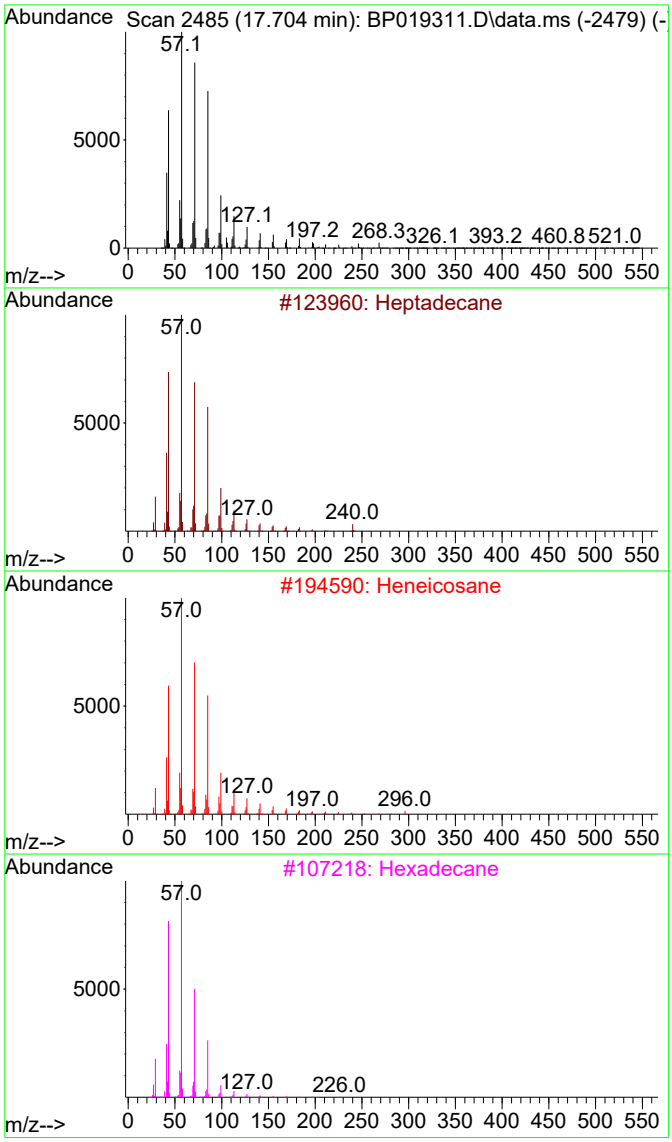
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

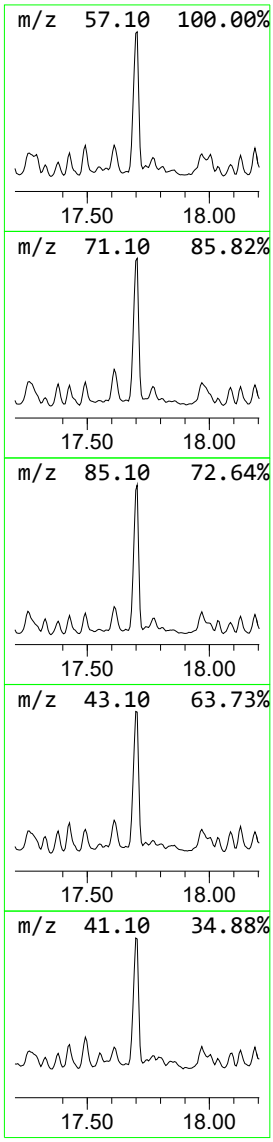
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.704 | 112.26 ng/ul | 16951200 | Phenanthrene-d10 | 17.204 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane | 240 | C17H36 | 000629-78-7 | 91 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 91 |
| 4 | Octadecane | 254 | C18H38 | 000593-45-3 | 90 |
| 5 | Hexadecane, 1-iodo- | 352 | C16H33I | 000544-77-4 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

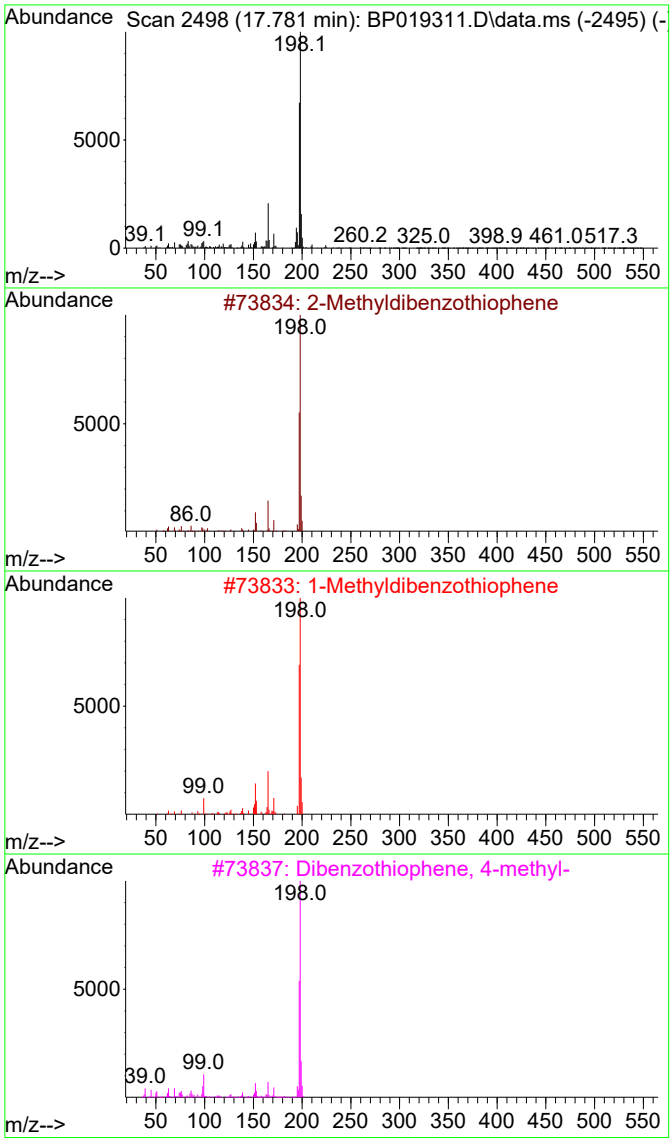
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

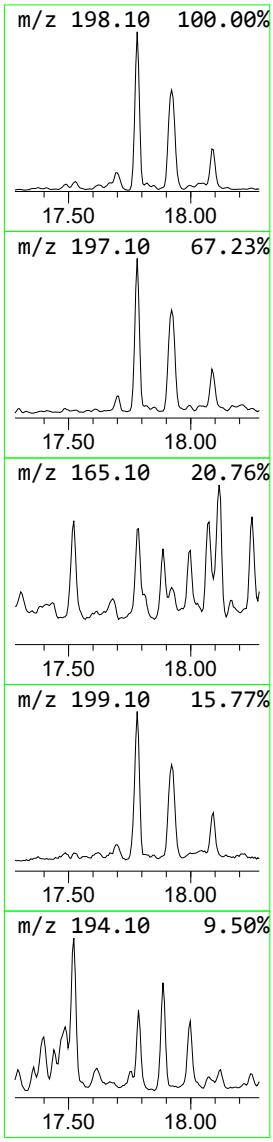
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 47 2-Methyldibenzothiophene Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.781 | 17.86 ng/ul | 2696510 | Phenanthrene-d10 | 17.204 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Methyldibenzothiophene | 198 | C13H10S | 1000383-55-1 | 90 |
| 2 | 1-Methyldibenzothiophene | 198 | C13H10S | 031317-07-4 | 83 |
| 3 | Dibenzothiophene, 4-methyl- | 198 | C13H10S | 007372-88-5 | 81 |
| 4 | 4-Methylnaphtho[1,2-b]thiophene | 198 | C13H10S | 067388-11-8 | 72 |
| 5 | Dibenzothiophene, 3-methyl- | 198 | C13H10S | 016587-52-3 | 68 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

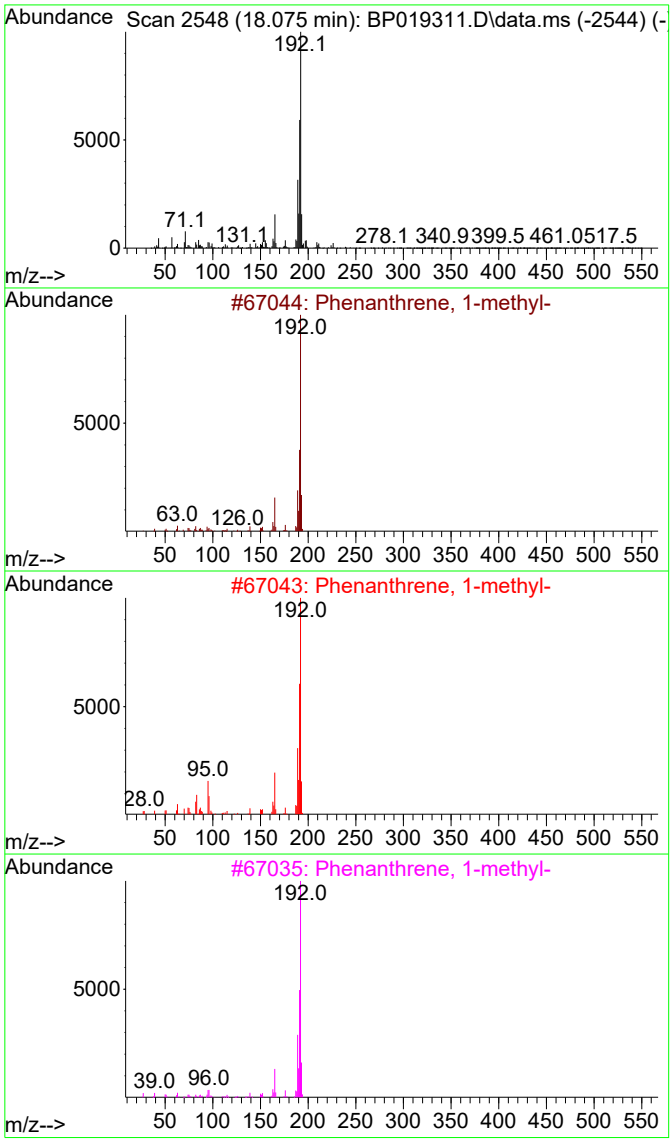
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

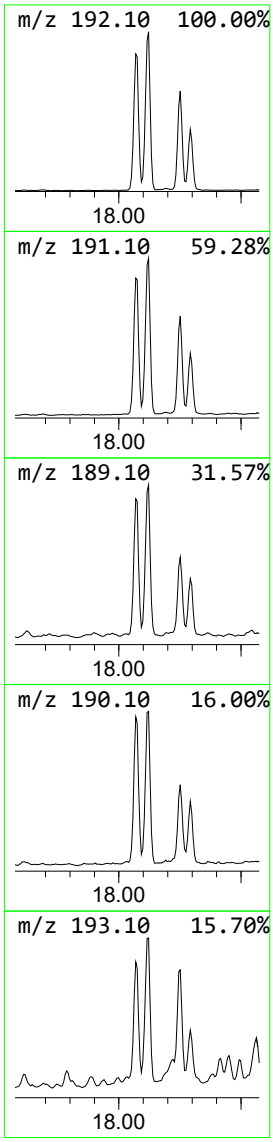
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 48 Phenanthrene, 1-methyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.075 | 43.08 ng/ul | 6504670 | Phenanthrene-d10 | 17.204 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 96 |
| 2 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 94 |
| 3 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 94 |
| 4 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 94 |
| 5 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

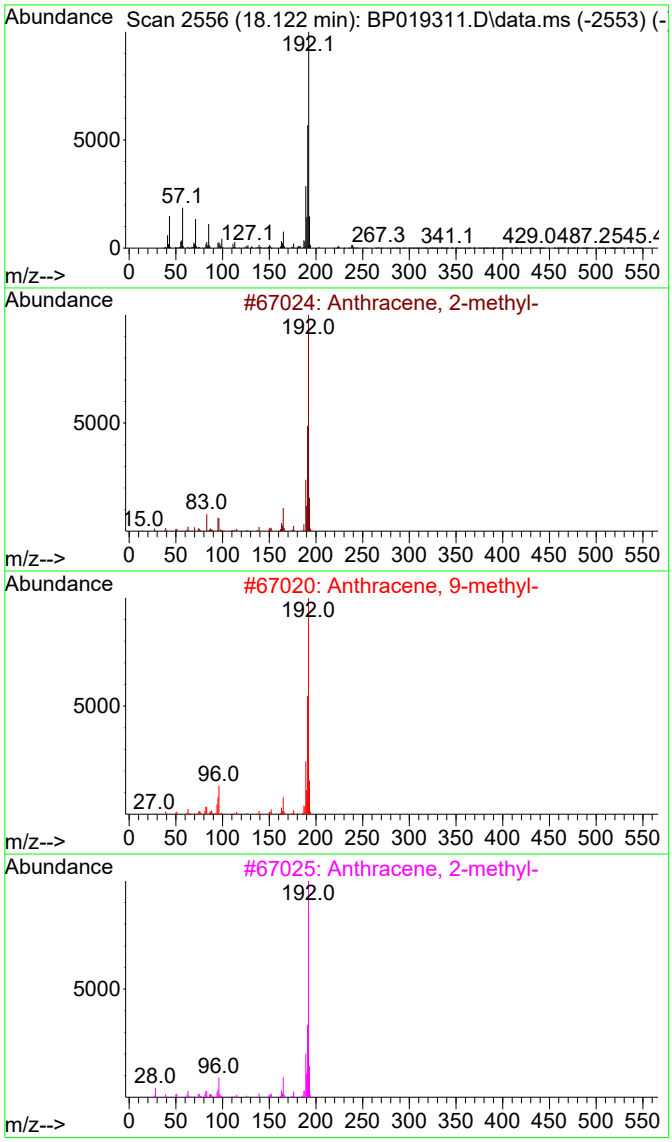
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

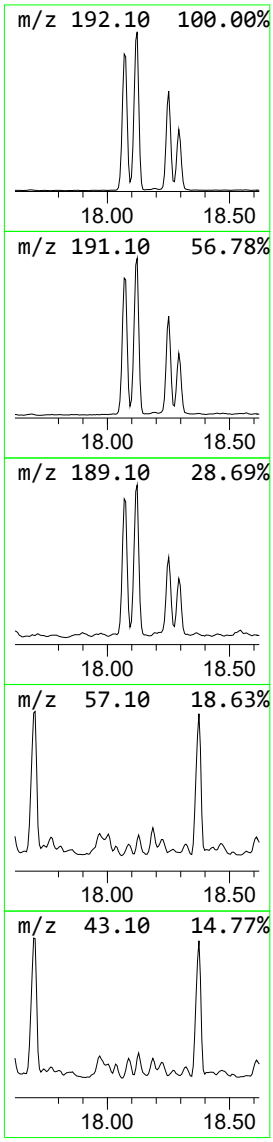
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 49 Anthracene, 2-methyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.122 | 42.49 ng/ul | 6416640 | Phenanthrene-d10 | 17.204 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 93 |
| 2 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 90 |
| 3 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 86 |
| 4 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 81 |
| 5 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

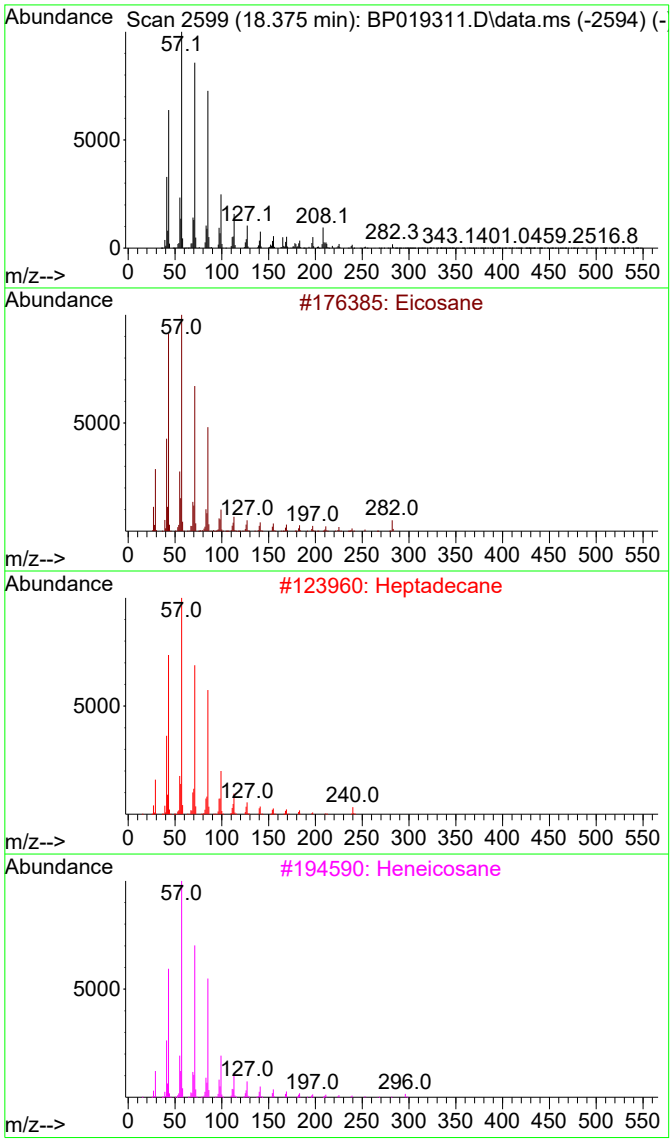
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

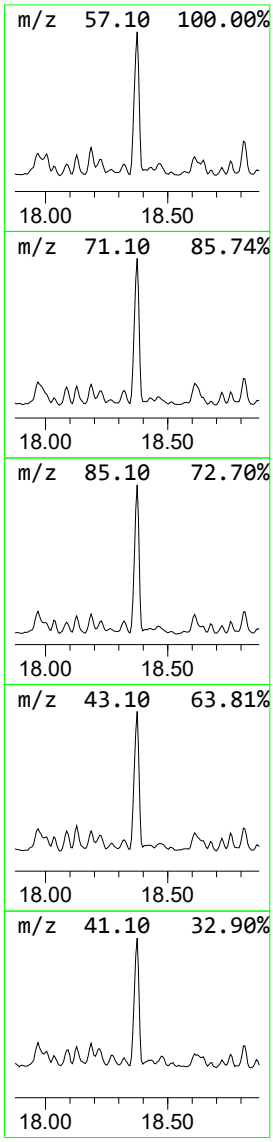
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.375 | 104.72 ng/ul | 15813500 | Phenanthrene-d10 | 17.204 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane | 282 | C20H42 | 000112-95-8 | 97 |
| 2 | Heptadecane | 240 | C17H36 | 000629-78-7 | 93 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |
| 4 | Eicosane | 282 | C20H42 | 000112-95-8 | 90 |
| 5 | Heneicosane | 296 | C21H44 | 000629-94-7 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

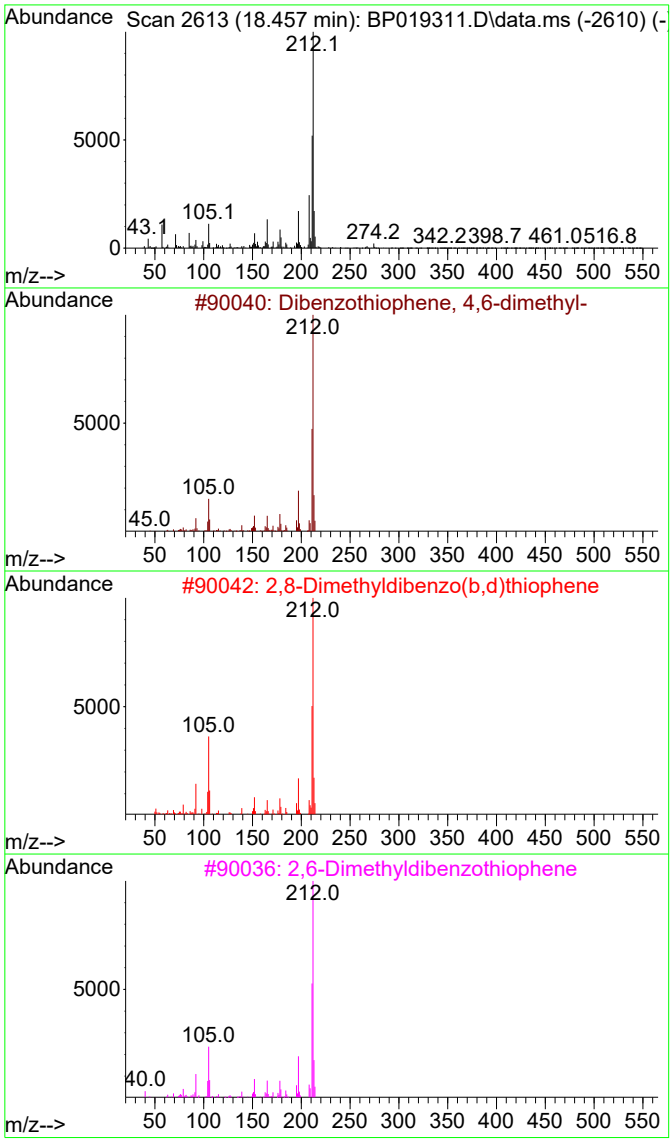
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

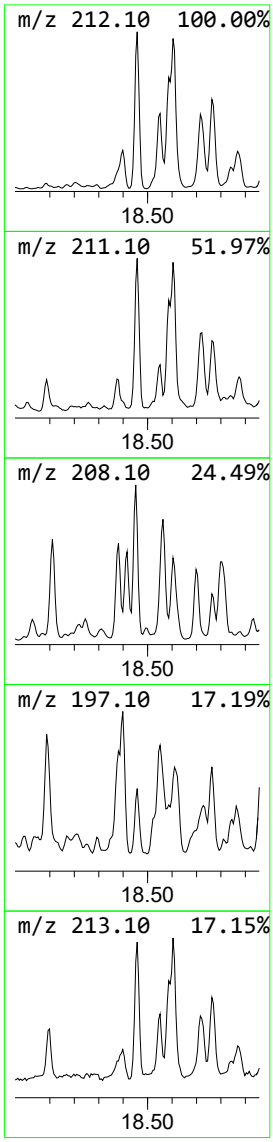
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 51 Dibenzothiophene, 4,6-dimet... Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.457 | 28.79 ng/ul | 4346780 | Phenanthrene-d10 | 17.204 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibenzothiophene, 4,6-dimethyl- | 212 | C14H12S | 001207-12-1 | 93 |
| 2 | 2,8-Dimethyldibenzo(b,d)thiophene | 212 | C14H12S | 001207-15-4 | 91 |
| 3 | 2,6-Dimethyldibenzothiophene | 212 | C14H12S | 089816-75-1 | 91 |
| 4 | 3,7-Dimethyldibenzothiophene | 212 | C14H12S | 001136-85-2 | 87 |
| 5 | 2,7-Dimethyldibenzothiophene | 212 | C14H12S | 031317-19-8 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

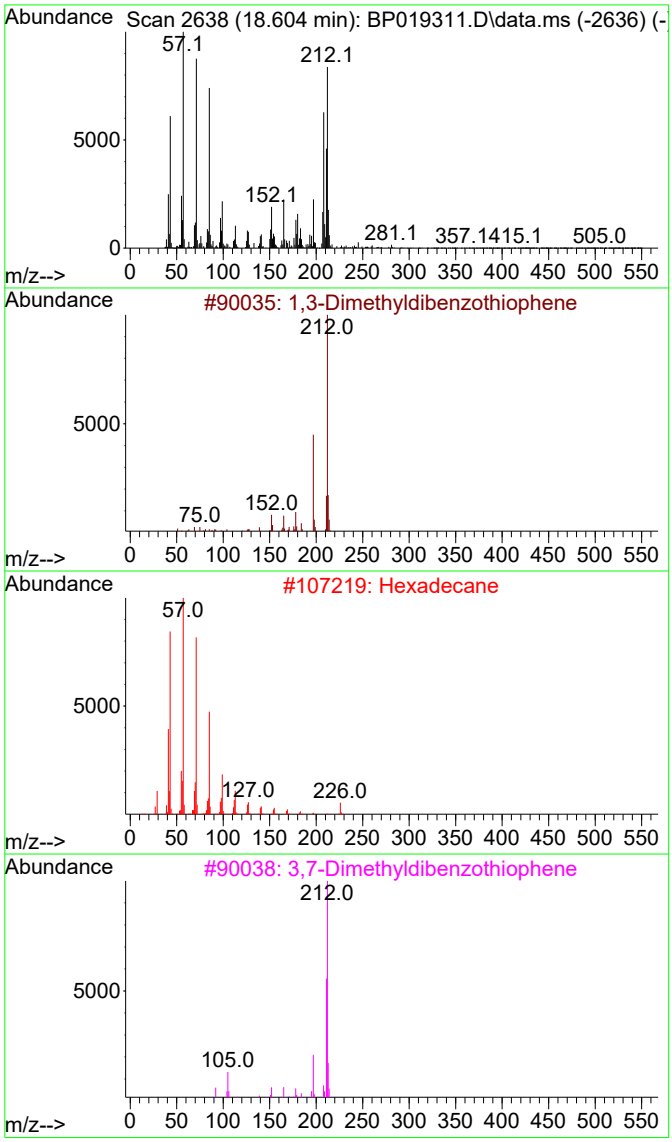
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

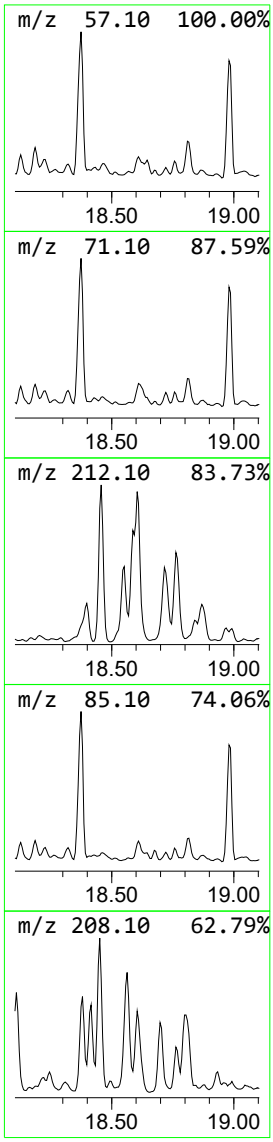
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 52 unknown-04 Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.604 | 32.47 ng/ul | 4902680 | Phenanthrene-d10 | 17.204 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,3-Dimethyldibenzothiophene | 212 | C14H12S | 1010383-55-0 | 47 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 47 |
| 3 | 3,7-Dimethyldibenzothiophene | 212 | C14H12S | 001136-85-2 | 45 |
| 4 | 2,7-Dimethyldibenzothiophene | 212 | C14H12S | 031317-19-8 | 42 |
| 5 | 2,6-Dimethyldibenzothiophene | 212 | C14H12S | 089816-75-1 | 42 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

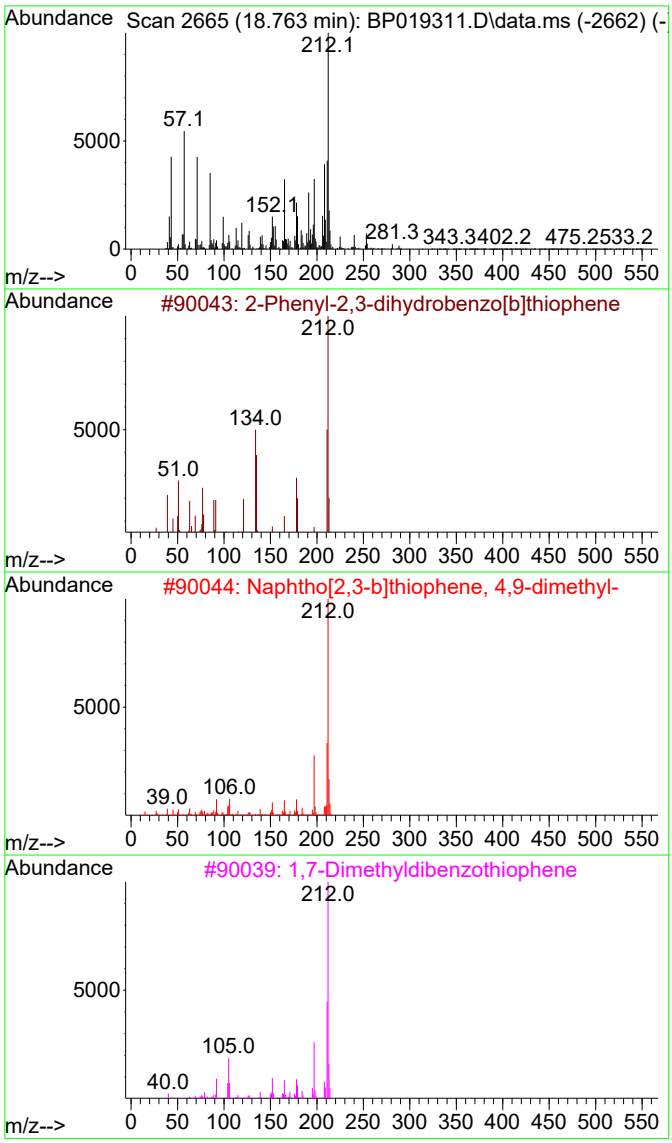
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

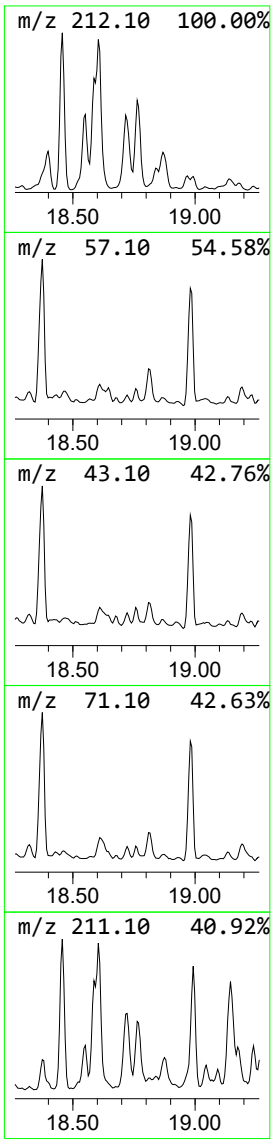
**********

Peak Number 53 unknown-05 Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.763 | 15.59 ng/ul | 2353380 | Phenanthrene-d10 | 17.204 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Phenyl-2,3-dihydrobenzo[b]thio... | 212 | C14H12S | 054493-00-4 | 49 |
| 2 | Naphtho[2,3-b]thiophene, 4,9-dim... | 212 | C14H12S | 016587-34-1 | 46 |
| 3 | 1,7-Dimethyldibenzothiophene | 212 | C14H12S | 089816-53-5 | 46 |
| 4 | 9-Acridinamine, 1,2,3,4-tetrahyd... | 212 | C14H16N2 | 1000337-15-9 | 45 |
| 5 | 2,5-Dimethyl-4-(3-amino-4-methyl... | 212 | C14H16N2 | 071153-33-8 | 41 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

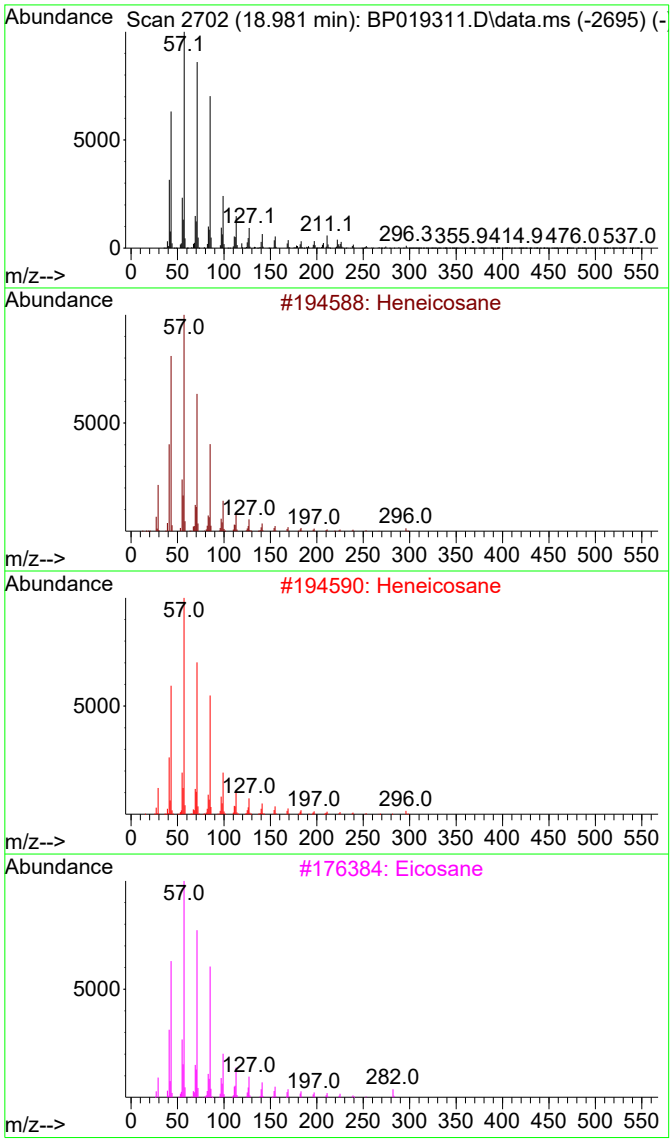
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

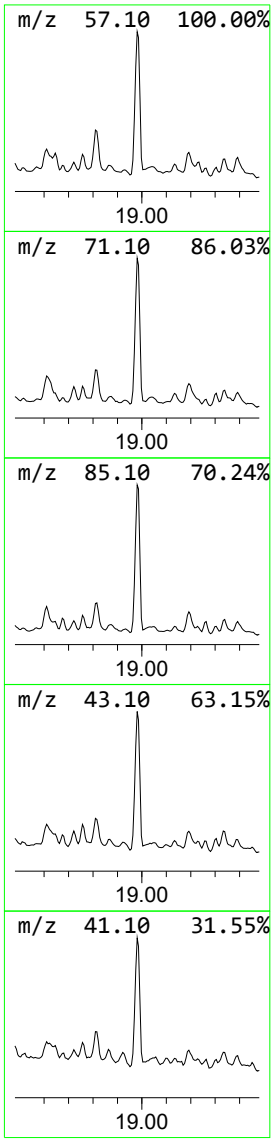
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.981 | 102.15 ng/ul | 15424200 | Phenanthrene-d10 | 17.204 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 98 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 95 |
| 3 | Eicosane | 282 | C20H42 | 000112-95-8 | 91 |
| 4 | Triacontane | 422 | C30H62 | 000638-68-6 | 91 |
| 5 | Heptadecane | 240 | C17H36 | 000629-78-7 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

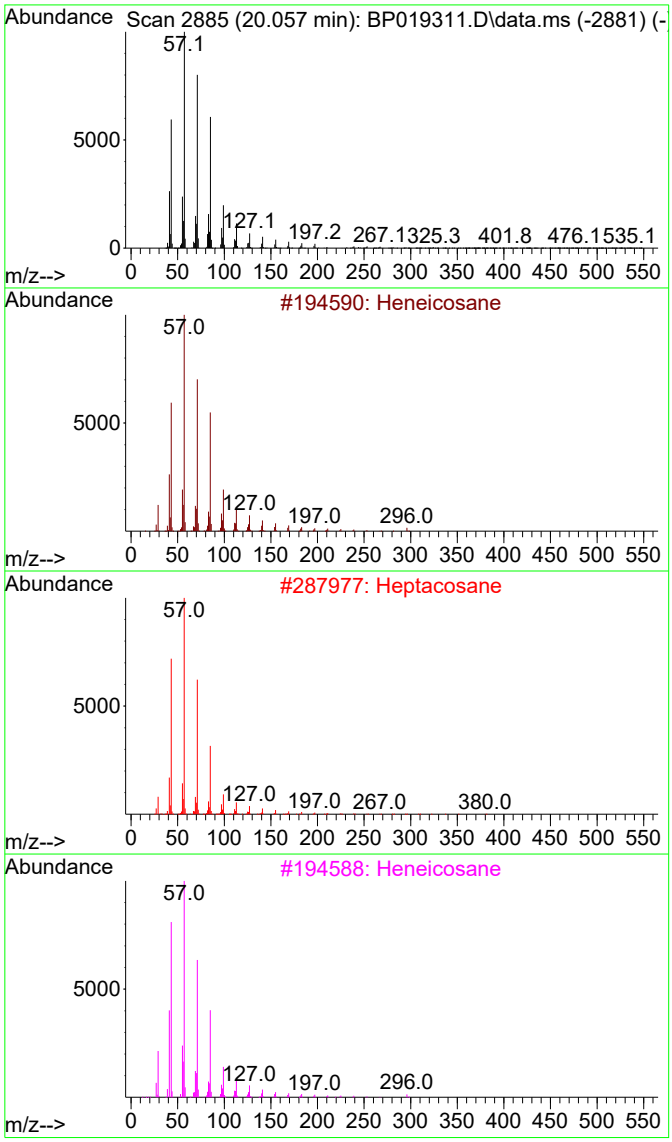
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

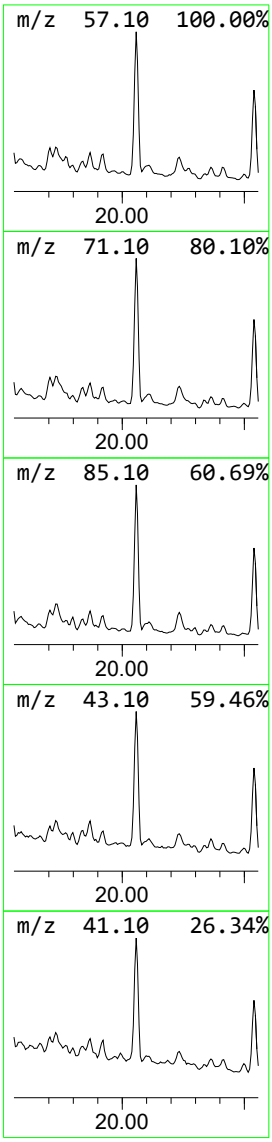
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.057 | 41.21 ng/ul | 5754670 | Chrysene-d12 | 21.292 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 2 | Heptacosane | 380 | C27H56 | 000593-49-7 | 91 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 4 | Eicosane, 10-methyl- | 296 | C21H44 | 054833-23-7 | 90 |
| 5 | Pentadecane, 8-hexyl- | 296 | C21H44 | 013475-75-7 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

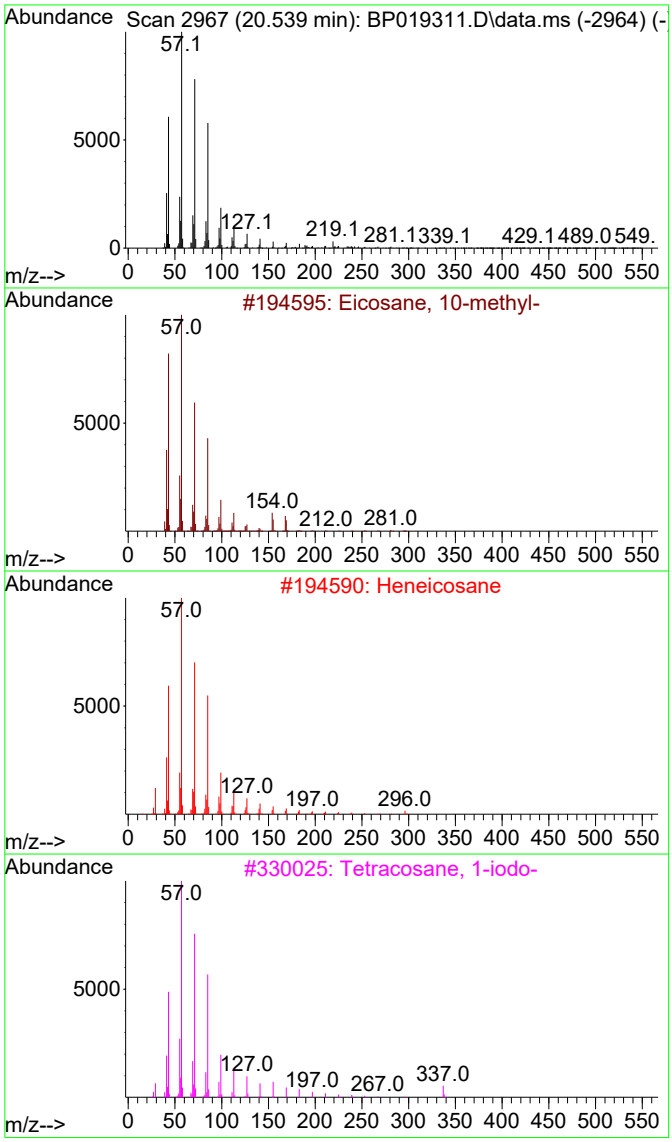
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

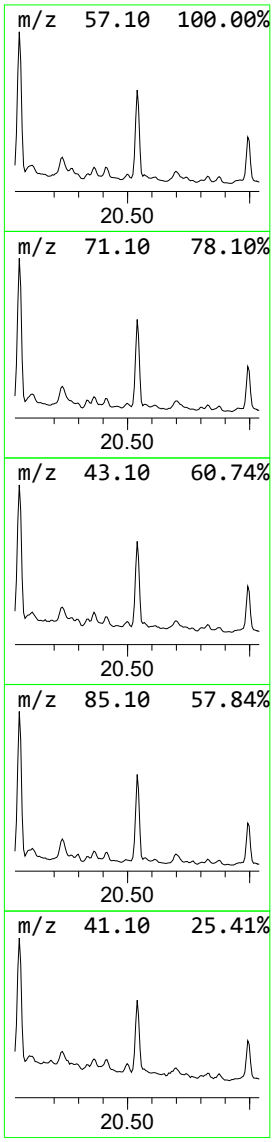
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.539 | 29.92 ng/ul | 4177960 | Chrysene-d12 | 21.292 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane, 10-methyl- | 296 | C21H44 | 054833-23-7 | 94 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 3 | Tetracosane, 1-iodo- | 464 | C24H49I | 1000406-32-0 | 91 |
| 4 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 5 | Eicosane, 1-iodo- | 408 | C20H41I | 1000406-31-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

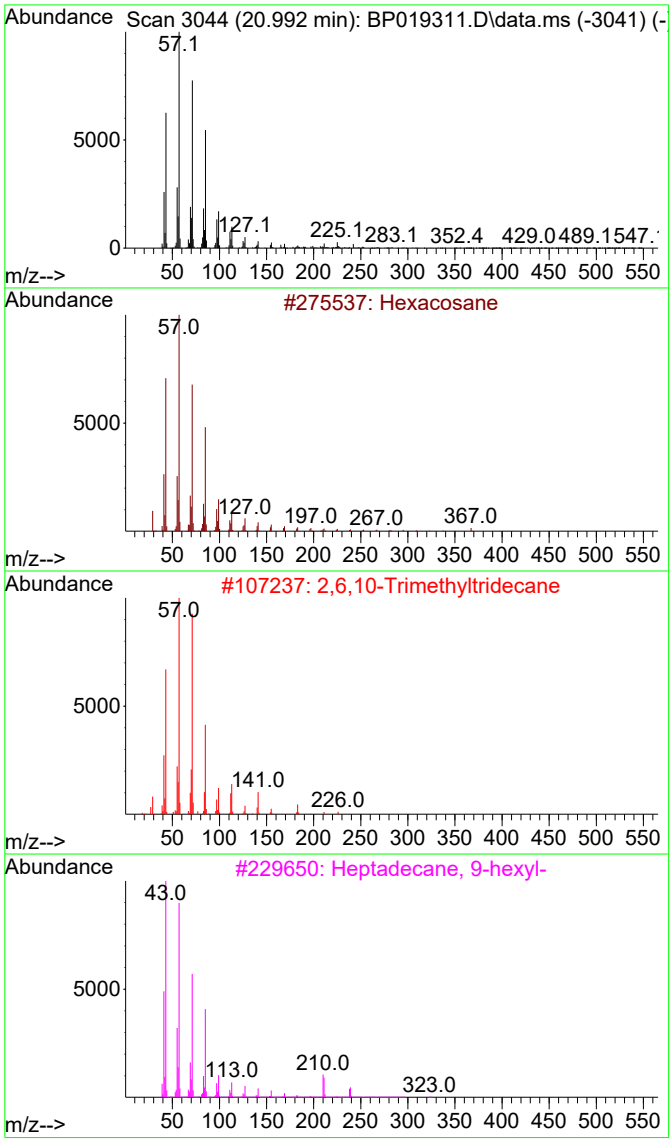
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

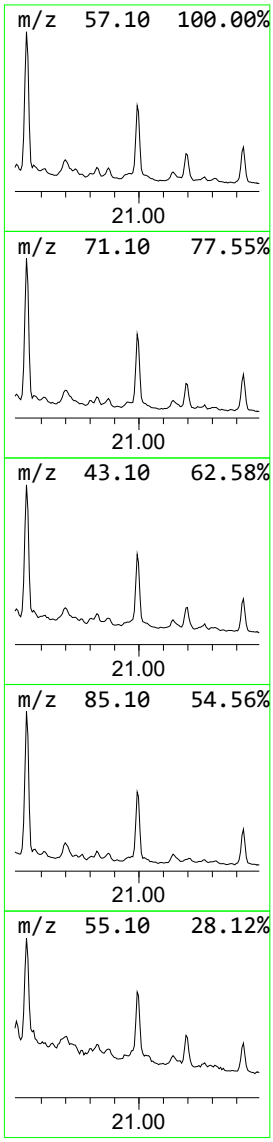
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.992 | 20.08 ng/ul | 2803350 | Chrysene-d12 | 21.292 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexacosane | 366 | C26H54 | 000630-01-3 | 91 |
| 2 | 2,6,10-Trimethyltridecane | 226 | C16H34 | 003891-99-4 | 90 |
| 3 | Heptadecane, 9-hexyl- | 324 | C23H48 | 055124-79-3 | 90 |
| 4 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 87 |
| 5 | Heptacosane | 380 | C27H56 | 000593-49-7 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

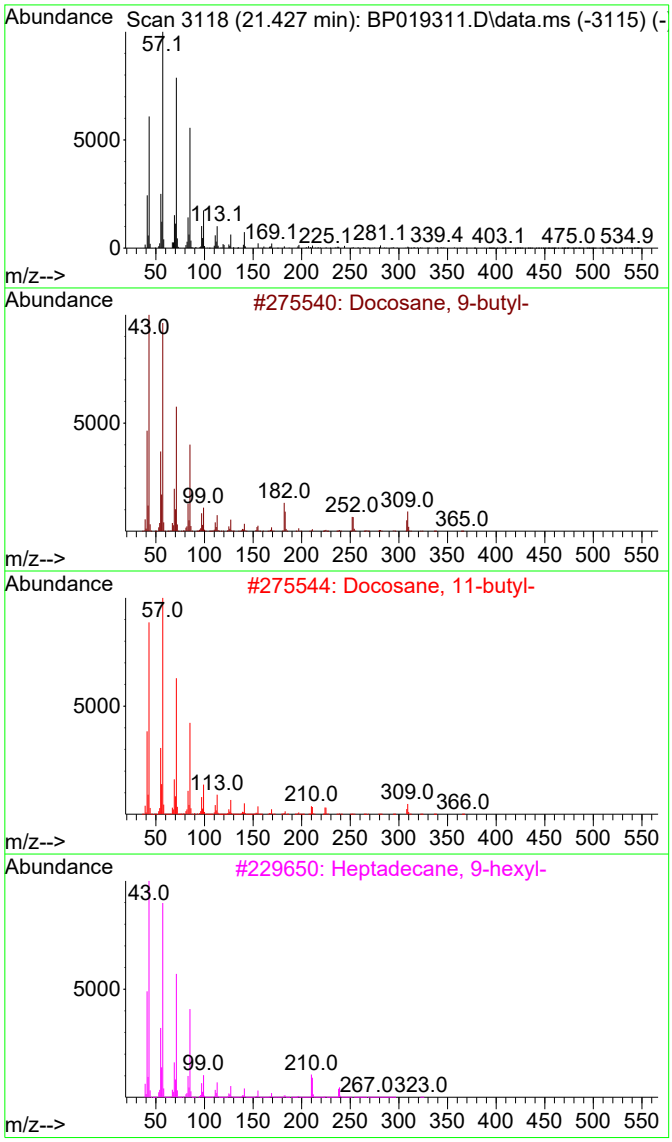
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION

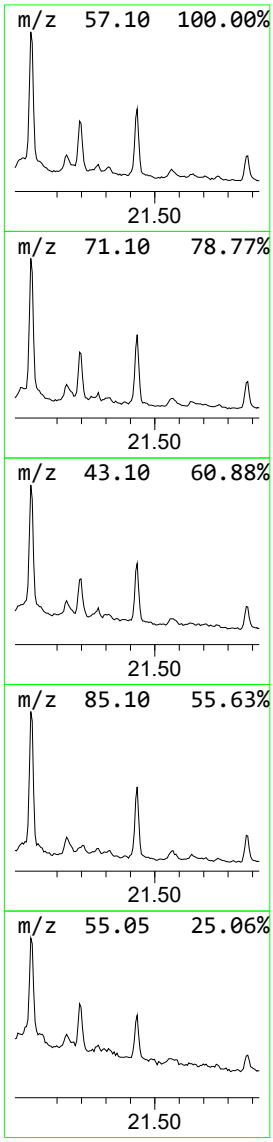
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 43

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.427 | 7.04 ng/ul | 983317 | Chrysene-d12 | 21.292 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Docosane, 9-butyl- | 366 | C26H54 | 055282-14-9 | 91 |
| 2 | Docosane, 11-butyl- | 366 | C26H54 | 013475-76-8 | 91 |
| 3 | Heptadecane, 9-hexyl- | 324 | C23H48 | 055124-79-3 | 91 |
| 4 | Octacosane | 394 | C28H58 | 000630-02-4 | 91 |
| 5 | Octacosane | 394 | C28H58 | 000630-02-4 | 91 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010924\
Data File : BP019311.D
Acq On : 09 Jan 2024 12:03
Operator : MA/JU
Sample : 05951-17ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA 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 |
| 1-Hexanol, 2-et... | 7.852 | 4.0 | ng/ul | 213935 | 1 | 7.781 | 1084540 | 20.0 |
| (DEL) Alkane: S... | 11.087 | 3.1 | ng/ul | 268589 | 2 | 10.575 | 1718140 | 20.0 |
| (DEL) Alkane: S... | 11.599 | 3.4 | ng/ul | 295122 | 2 | 10.575 | 1718140 | 20.0 |
| (DEL) Alkane: S... | 11.840 | 2.3 | ng/ul | 199399 | 2 | 10.575 | 1718140 | 20.0 |
| (DEL) Alkane: S... | 11.999 | 8.5 | ng/ul | 728768 | 2 | 10.575 | 1718140 | 20.0 |
| (DEL) Alkane: S... | 12.663 | 4.1 | ng/ul | 505174 | 3 | 14.428 | 2484460 | 20.0 |
| (DEL) Alkane: S... | 12.899 | 2.5 | ng/ul | 309090 | 3 | 14.428 | 2484460 | 20.0 |
| (DEL) Alkane: S... | 12.951 | 6.7 | ng/ul | 834355 | 3 | 14.428 | 2484460 | 20.0 |
| Carbonic acid, ... | 13.246 | 14.1 | ng/ul | 1755680 | 3 | 14.428 | 2484460 | 20.0 |
| (DEL) Alkane: S... | 13.334 | 4.0 | ng/ul | 498145 | 3 | 14.428 | 2484460 | 20.0 |
| Benzo[b]thiophe... | 13.404 | 3.0 | ng/ul | 369572 | 3 | 14.428 | 2484460 | 20.0 |
| Naphthalene, 2,... | 13.593 | 11.5 | ng/ul | 1431420 | 3 | 14.428 | 2484460 | 20.0 |
| Naphthalene, 1,... | 13.746 | 14.0 | ng/ul | 1744660 | 3 | 14.428 | 2484460 | 20.0 |
| (DEL) Alkane: S... | 13.904 | 14.0 | ng/ul | 1740790 | 3 | 14.428 | 2484460 | 20.0 |
| (DEL) Alkane: S... | 13.945 | 5.9 | ng/ul | 733001 | 3 | 14.428 | 2484460 | 20.0 |
| (DEL) Alkane: S... | 14.022 | 5.9 | ng/ul | 734771 | 3 | 14.428 | 2484460 | 20.0 |
| Sulfurous acid,... | 14.328 | 91.0 | ng/ul | 11311100 | 3 | 14.428 | 2484460 | 20.0 |
| Naphthalene, 1,... | 14.557 | 3.1 | ng/ul | 382590 | 3 | 14.428 | 2484460 | 20.0 |
| Naphthalene, 1,... | 14.722 | 5.7 | ng/ul | 710294 | 3 | 14.428 | 2484460 | 20.0 |
| (DEL) Alkane: S... | 14.769 | 10.2 | ng/ul | 1268840 | 3 | 14.428 | 2484460 | 20.0 |
| Naphthalene, 2,... | 14.828 | 30.7 | ng/ul | 3810600 | 3 | 14.428 | 2484460 | 20.0 |
| unknown-01 | 14.904 | 24.0 | ng/ul | 2986830 | 3 | 14.428 | 2484460 | 20.0 |
| (DEL) Alkane: S... | 14.945 | 21.0 | ng/ul | 2607720 | 3 | 14.428 | 2484460 | 20.0 |
| (DEL) Alkane: S... | 15.016 | 7.2 | ng/ul | 899969 | 3 | 14.428 | 2484460 | 20.0 |
| (DEL) Alkane: S... | 15.287 | 92.0 | ng/ul | 11424700 | 3 | 14.428 | 2484460 | 20.0 |
| (DEL) Alkane: S... | 15.345 | 13.6 | ng/ul | 1684550 | 3 | 14.428 | 2484460 | 20.0 |
| (DEL) Alkane: S... | 15.693 | 86.2 | ng/ul | 10708100 | 3 | 14.428 | 2484460 | 20.0 |
| (DEL) Alkane: S... | 15.781 | 30.5 | ng/ul | 3790520 | 3 | 14.428 | 2484460 | 20.0 |
| (DEL) Alkane: S... | 15.839 | 23.7 | ng/ul | 3577280 | 4 | 17.204 | 3020050 | 20.0 |
| unknown-02 | 15.904 | 21.0 | ng/ul | 3173530 | 4 | 17.204 | 3020050 | 20.0 |
| 1,6-Dimethyl- 3... | 15.993 | 8.2 | ng/ul | 1239810 | 4 | 17.204 | 3020050 | 20.0 |
| unknown-03 | 16.075 | 4.0 | ng/ul | 597238 | 4 | 17.204 | 3020050 | 20.0 |
| (DEL) Alkane: S... | 16.157 | 160.2 | ng/ul | 24185900 | 4 | 17.204 | 3020050 | 20.0 |
| (DEL) Alkane: S... | 16.504 | 18.1 | ng/ul | 2732250 | 4 | 17.204 | 3020050 | 20.0 |
| (DEL) Alkane: S... | 16.622 | 9.5 | ng/ul | 1428220 | 4 | 17.204 | 3020050 | 20.0 |
| Dotriacontane, ... | 16.663 | 13.3 | ng/ul | 2004600 | 4 | 17.204 | 3020050 | 20.0 |
| Methoxyacetic a... | 16.734 | 16.4 | ng/ul | 2475020 | 4 | 17.204 | 3020050 | 20.0 |
| (DEL) Alkane: C... | 16.763 | 9.9 | ng/ul | 1498700 | 4 | 17.204 | 3020050 | 20.0 |
| (DEL) Alkane: S... | 16.957 | 93.3 | ng/ul | 14085500 | 4 | 17.204 | 3020050 | 20.0 |
| (DEL) Alkane: S... | 17.010 | 108.5 | ng/ul | 16381100 | 4 | 17.204 | 3020050 | 20.0 |
| (DEL) Alkane: S... | 17.381 | 11.3 | ng/ul | 1707120 | 4 | 17.204 | 3020050 | 20.0 |
| (DEL) Alkane: S... | 17.428 | 24.0 | ng/ul | 3622270 | 4 | 17.204 | 3020050 | 20.0 |
| 2-Bromo dodecane | 17.492 | 28.5 | ng/ul | 4307170 | 4 | 17.204 | 3020050 | 20.0 |
| (DEL) Alkane: S... | 17.610 | 20.9 | ng/ul | 3154080 | 4 | 17.204 | 3020050 | 20.0 |
| (DEL) Alkane: S... | 17.704 | 112.3 | ng/ul | 16951200 | 4 | 17.204 | 3020050 | 20.0 |
| 2-Methyldibenzo... | 17.781 | 17.9 | ng/ul | 2696510 | 4 | 17.204 | 3020050 | 20.0 |
| Phenanthrene, 1... | 18.075 | 43.1 | ng/ul | 6504670 | 4 | 17.204 | 3020050 | 20.0 |
| Anthracene, 2-m... | 18.122 | 42.5 | ng/ul | 6416640 | 4 | 17.204 | 3020050 | 20.0 |
| (DEL) Alkane: S... | 18.375 | 104.7 | ng/ul | 15813500 | 4 | 17.204 | 3020050 | 20.0 |
| Dibenzothiophen... | 18.457 | 28.8 | ng/ul | 4346780 | 4 | 17.204 | 3020050 | 20.0 |
| unknown-04 | 18.604 | 32.5 | ng/ul | 4902680 | 4 | 17.204 | 3020050 | 20.0 |
| unknown-05 | 18.763 | 15.6 | ng/ul | 2353380 | 4 | 17.204 | 3020050 | 20.0 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| (DEL) Alkane: S... | 18.981 | 102.2 | ng/ul | 15424200 | 4 | 17.204 | 3020050 | 20.0 | |
| (DEL) Alkane: S... | 20.057 | 41.2 | ng/ul | 5754670 | 5 | 21.292 | 2792590 | 20.0 | |
| (DEL) Alkane: S... | 20.539 | 29.9 | ng/ul | 4177960 | 5 | 21.292 | 2792590 | 20.0 | |
| (DEL) Alkane: S... | 20.992 | 20.1 | ng/ul | 2803350 | 5 | 21.292 | 2792590 | 20.0 | |
| (DEL) Alkane: S... | 21.427 | 7.0 | ng/ul | 983317 | 5 | 21.292 | 2792590 | 20.( | |

**Instrument :**
BNA_P
**ClientSampleId :**
GCF81ME